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November 19, 2012

Dear Western Alaska fishery stakeholder;

I am pleased to announce publication of results from the Western Alaska Salmon Stock Identification Program (WASSIP), a unique collaboration among stakeholders and scientists to address long-standing questions about harvest patterns of chum and sockeye salmon in Western Alaska fisheries. Spanning more than eight years, WASSIP is the largest salmon genetics study ever attempted, analyzing more than 225,000 samples to determine stock-specific compositions, harvests, and harvest rates of sockeye and chum salmon in subsistence and commercial fisheries from Chignik to Kotzebue.

Complete WASSIP results are contained in nine reports. Foundation for the study is presented in five reports documenting fishery sampling, genetic baselines for each species, and estimated stock-specific escapements for each species. Results of mixed stock fishery analyses are contained within two reports for each species: one documenting estimated stock compositions from genetic analyses; and one providing estimates of stock-specific harvest numbers and harvest rates for chum and sockeye salmon in WASSIP fisheries. The two reports for each species are intimately connected. Stock composition of fishery catches show percentage of harvest represented by various stocks in WASSIP fisheries. These stock percentages were applied to the number of fish harvested in the fisheries to determine stock-specific harvest numbers. Stock-specific harvest numbers for each WASSIP fishery were divided by the total run for each stock to determine the harvest rate. It is essential that stock composition, harvest, and harvest rate results for each species be considered together to gain a complete understanding and full context of study results. All reports can be accessed on the Alaska Department of Fish and Game website (http://www.adfg.alaska.gov/index.cfm?adfg=wassip.reports).

While these results cannot address all questions surrounding fishery impacts on chum and sockeye salmon stocks across this vast geography, WASSIP provided opportunity for representatives of major regional fishery interests to collaborate with technical experts on design of scientific studies to inform regulatory decisions. The many genetic and biometric advances achieved in the project, and the astounding magnitude of sampling efforts, will contribute to our basic understanding of Western Alaska chum and sockeye salmon stocks for many years to come.

Sincerely,

Eric C. Volk

Alaska Department of Fish and Game
WASSIP Advisory Panel Chair

Special Publication No. 12-24

Harvest and Harvest Rates of Sockeye Salmon Stocks in Fisheries of the Western Alaska Salmon Stock Identification Program (WASSIP), 2006-2008

by

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November 2012

Alaska Department of Fish and Game **Divisions of Sport Fish and Commercial Fisheries**

Symbols and Abbreviations

The following symbols and abbreviations, and others approved for the Système International d'Unités (SI), are used without definition in the following reports by the Divisions of Sport Fish and of Commercial Fisheries: Fishery Manuscripts, Fishery Data Series Reports, Fishery Management Reports, and Special Publications. All others, including deviations from definitions listed below, are noted in the text at first mention, as well as in the titles or footnotes of tables, and in figure or figure captions.

Weights and measures (metric)

centimeter	cm
deciliter	dL
gram	g
hectare	ha
kilogram	kg
kilometer	km
liter	L
meter	m
milliliter	mL
millimeter	mm

Weights and measures (English)

cubic feet per second	ft^3/s
foot	ft
gallon	gal
inch	in
mile	mi
nautical mile	nmi
ounce	oz
pound	lb
quart	qt
yard	yd

Time and temperature

day	d
degrees Celsius	°C
degrees Fahrenheit	°F
degrees kelvin	K
hour	h
minute	min
second	s

Physics and chemistry

all atomic symbols	
alternating current	AC
ampere	A
calorie	cal
direct current	DC
hertz	Hz
horsepower	hp
hydrogen ion activity (negative log of)	pH
parts per million	ppm
parts per thousand	ppt, ‰
volts	V
watts	W

General

Alaska Administrative Code	AAC
all commonly accepted abbreviations	e.g., Mr., Mrs., AM, PM, etc.
all commonly accepted professional titles	e.g., Dr., Ph.D., R.N., etc.
at	@
compass directions:	
east	E
north	N
south	S
west	W
copyright	©
corporate suffixes:	
Company	Co.
Corporation	Corp.
Incorporated	Inc.
Limited	Ltd.
District of Columbia	D.C.
et alii (and others)	et al.
et cetera (and so forth)	etc.
exempli gratia (for example)	e.g.
Federal Information Code	FIC
id est (that is)	i.e.
latitude or longitude	lat. or long.
monetary symbols (U.S.)	$, ¢
months (tables and figures): first three letters	Jan,...,Dec
registered trademark	®
trademark	™
United States (adjective)	U.S.
United States of America (noun)	USA
U.S.C.	United States Code
U.S. state	use two-letter abbreviations (e.g., AK, WA)

Mathematics, statistics

all standard mathematical signs, symbols and abbreviations	
alternate hypothesis	H_A
base of natural logarithm	*e*
catch per unit effort	CPUE
coefficient of variation	CV
common test statistics	(F, t, χ^2, etc.)
confidence interval	CI
correlation coefficient (multiple)	R
correlation coefficient (simple)	r
covariance	cov
degree (angular)	°
degrees of freedom	df
expected value	*E*
greater than	>
greater than or equal to	≥
harvest per unit effort	HPUE
less than	<
less than or equal to	≤
logarithm (natural)	ln
logarithm (base 10)	log
logarithm (specify base)	log_2, etc.
minute (angular)	'
not significant	NS
null hypothesis	H_O
percent	%
probability	P
probability of a type I error (rejection of the null hypothesis when true)	α
probability of a type II error (acceptance of the null hypothesis when false)	β
second (angular)	"
standard deviation	SD
standard error	SE
variance	
population	Var
sample	var

SPECIAL PUBLICATION NO. 12-24

HARVEST AND HARVEST RATES OF SOCKEYE SALMON STOCKS IN FISHERIES OF THE WESTERN ALASKA SALMON STOCK IDENTIFICATION PROGRAM (WASSIP), 2006-2008

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ABSTRACT

Uncertainty about the magnitude, frequency, location, and timing of stock-specific sockeye and chum salmon harvest in Western Alaska fisheries was the impetus for the Western Alaska Salmon Stock Identification Program (WASSIP). The program was designed to use genetic data in mixed stock analysis (MSA) of fisheries samples to more clearly describe harvest patterns of sockeye and chum salmon stocks in Western Alaska fisheries. A total of 84,625 samples were successfully analyzed from 217 temporal/fishery strata distributed from Chignik Area to Kuskokwim Area. Stock composition estimates for temporal strata across fisheries were extended to estimates of stock-specific harvest numbers and harvest rates. This report reviews the history of WASSIP, summarizes the memorandum of understanding as the guiding document for the program, and reviews participation and contributions of the Advisory Panel and Technical Committee to the program. Brief descriptions of WASSIP sockeye fisheries are provided and previous sockeye tagging and stock identification studies are reviewed. We describe the methodology used to estimate stock-specific harvests and harvest rates for sockeye salmon, report these estimates, and provide guidance on interpretation of results. These results provide the most comprehensive examination of stock-specific harvest and harvest rates across Western Alaska sockeye salmon fisheries ever attempted.

Key words Western Alaska Salmon Stock Identification Program, WASSIP, sockeye salmon, *Oncorhynchus nerka*, harvest rate, mixed stock analysis, MSA, genetic stock identification, GSI

INTRODUCTION

Sockeye salmon *Oncorhynchus nerka* are Alaska's most commercially valuable salmonid, and the majority originate from and are harvested in Western Alaska (Eggers and Carroll 2011; Bugaev et al. 2008). Western Alaska sockeye salmon stocks are distributed over vast areas of the Bering Sea and subarctic north Pacific prior to the onset of spawning migrations (Quinn 2005; Meyers et al. 2007; Habicht et al. 2010). The combination of sockeye salmon life history, migratory pathways and the geography of Western Alaska create potential for harvesting populations originating from river systems throughout the region as they return to natal streams. While a majority of sockeye salmon harvest in Western Alaska occurs in terminal and inriver fisheries, where nonlocal harvest is minimal (e.g., Bristol Bay; Dann et al. 2009), the harvest of nonlocal populations does occur and can bias estimates of total run and stock productivity.

The Western Alaska Salmon Stock Identification Program (WASSIP) was initiated in 2006 with the signing of a Memorandum of Understanding (MOU) among 11 stakeholder signatories including the Alaska Department of Fish and Game (ADF&G), Aleut Corporation, Aleutians East Borough, Association of Village Council Presidents, Bering Sea Fishermen's Association, Bristol Bay Native Association, Concerned Area M Fishermen, Kawerak Incorporated, Lake and Peninsula Borough, Tanana Chiefs Conference, and Yukon River Drainage Fisheries Association. The program was designed to sample marine commercial and subsistence salmon fisheries in Western Alaska, with a goal to determine stock of origin for harvested chum and sockeye salmon to the finest resolution possible. The WASSIP study area includes marine waters of the following ADF&G salmon management areas: Chignik (Area L), Alaska Peninsula (Area M), Bristol Bay (Area T), Kuskokwim (Area W), Yukon-Northern (Area Y), Norton Sound-Port Clarence (Area Z), and Kotzebue (Area X; Figure 1). Signatory groups represent major regional fishery interests in the WASSIP study area, and their representatives comprise the WASSIP Advisory Panel.

While the signing of the MOU marks the official start date for WASSIP, discussions among many stakeholders, policy makers, and law makers clearly preceded this event and contributed to genesis of the project. Since at least the 1990s, the Alaska Board of Fisheries and stakeholders

were acutely aware of the need for better science-based information to address specific allocation and conservation concerns for sockeye and chum salmon fisheries in Western Alaska. Particular concern was repeatedly raised about catches of Western Alaska chum and sockeye salmon in fisheries targeting sockeye salmon near False Pass on the Alaska Peninsula in June. Declining abundance of area chum salmon stocks were a particular concern for Norton Sound stakeholders. While previous tagging and genetic studies for sockeye and chum salmon provided useful information, limitations of these studies and a lack of comprehensive sampling throughout the affected fisheries limited their utility. Following the Board of Fisheries regulatory meeting for ADF&G Management Area M in 2004, increased tensions led to pointed discussions among ADF&G leadership and stakeholders to envision the kind of study that would provide better information to understand stock specific impacts for both species among the many fisheries in Western Alaska.

Early WASSIP discussions began in February 2004 with the ADF&G directors and commissioners of the time. ADF&G drafted the first proposal for federal funding to support the program, which included two years of fishery sampling and analysis of some 60,000 samples at a cost of just over $5 million. The project completion date was estimated to be March 2008. This proposal was not funded. In October 2004, the first formal Advisory Panel meeting was held to discuss elements of an MOU among stakeholders, outline specific analytical methods that would be used in the project, and formulate a second funding request for the Alaska congressional delegation. In 2005, the Advisory Panel sought support for this study proposal from Alaska's congressional delegation and was told that Alaska's U. S. Senator Stevens would only help secure this funding if stakeholders could agree on what information was necessary and how a study would be designed to obtain data that everyone would be able to support. For more than a year, the fledgling WASSIP Advisory Panel embarked on intense discussions attempting to gain consensus on a process for reaching a study design agreeable to all parties.

Further discussions with Senator Stevens led to a federal funding request for $2.5 million for Federal Fiscal Year 2005. ADF&G was eventually awarded $400,000 in federal funds as seed money to begin sampling WASSIP fisheries in 2006 and 2007. The second Advisory Panel meeting was convened in April 2006 when MOU elements were agreed to, and a three year sampling plan for each species was conceived to collect some 142,000 samples, with a target completion date of April, 2010. The WASSIP MOU was formally signed and adopted on May 5, 2006, with no additional funding in place.

Over a 2.5 year period between 2004 and 2007, ADF&G submitted three requests for federal funds, one request for state funds, and one proposal to the Arctic Yukon Kuskokwim Sustainable Salmon Initiative for chum salmon studies, without success. Between 2008 and 2010, an additional $5.5 million in state funds supported baseline development for both species, additional sampling for both species, and genetic analyses of all samples. This roughly $6 million is only a partial accounting of resources expended on WASSIP, as many WASSIP activities conducted by ADF&G staff were done on other fund sources and all Advisory Panel members and Technical Committee members (see below) provided many hours of uncompensated service to the project.

MEMORANDUM OF UNDERSTANDING

The Memorandum of Understanding (MOU) is the guiding document and underpinning of all activities associated with WASSIP and represents a unique, collaborative partnership among all signatories to design and execute a scientific study. It provides introductory background to the

project, purpose, guiding principles, structure of the Advisory Panel and Technical Committee, and mutual understandings. The signing of the MOU created the Advisory Panel, which approves all project activities by consensus, aided by input from a four-member Technical Committee. Since adoption in 2006, the MOU has been amended only once, when a provision to include estimation of harvest rates was added by the Advisory Panel in March, 2008.

The original and enduring purpose of WASSIP is to identify stock contributions of sockeye salmon and chum salmon to subsistence and commercial fisheries in Western Alaska, from Chignik management area north to Kotzebue Sound, with the finest resolution possible. Overarching objectives directed at this goal included extensive sampling of commercial and subsistence fisheries over this broad geography during a three-year period, development of improved and expanded genetic baselines for chum salmon and sockeye salmon, and laboratory and statistical analyses of fishery samples. Signatories agreed that ADF&G would be responsible for all analyses and reporting. However, because each study objective harbors substantial and complex technical detail, and because WASSIP stakeholders hold diverse views on potential outcomes of these investigations, Advisory Panel oversight and decisions were made in close consultation with a four-member Technical Committee representing world-class scientific expertise in genetics, population dynamics, biometrics and salmon ecology and life history. The interchange between the department and Technical Committee on analytical approach is captured in the WASSIP Technical Document series which includes presentations, discussions and recommendations on a variety of technical issues associated with the project. All technical documents can be accessed at the WASSIP web site http://www.adfg.alaska.gov/index.cfm?adfg=wassip.tds.

Advisory Panel signatories felt strongly that WASSIP fishery samples and analyses for both species should be represented as a complete set, with important contextual information associated with analysis and reporting of results for both species simultaneously. Recognizing this, the MOU made clear that analyses would not proceed until three years of samples were collected for both species and that no reporting of results would occur until three years of analyses for both species was complete. Similarly, the Advisory Panel stipulated that while ADF&G would steward all tissue samples, they should consult with the panel on any future use of the samples. An important stipulation in the WASSIP MOU is that activities would be conducted transparently before the public eye, with all meetings open and project materials accessible.

PARTICIPANTS

Since signing of the MOU, WASSIP has been overseen by a large number of participants, including three ADF&G Commissioners (McKie Campbell, Denby Lloyd, and Cora Campbell), four Commercial Fisheries Division Directors (Doug Mecum, Denby Lloyd, John Hilsinger, and Jeff Regnart) and seven Advisory Panel chairs (Doug Mecum, David Bedford, Denby Lloyd, Patti Nelson, Jim Seeb, John Hilsinger, and Eric Volk). Principal Advisory Panel representation among stakeholder groups has encompassed at least 17 individuals, supported by numerous technical experts. The four-member Technical Committee (Dr. Robin Waples, NOAA Fisheries; Dr. Bruce Weir, University of Washington; Dr. Tom Quinn, University of Washington; Dr. Milo Adkison, University of Alaska Fairbanks) have served as principal scientific advisors to the Advisory Panel since 2008. At least 100 ADF&G technicians, biologists, geneticists, and fishery

scientists formed the backbone of sample collection efforts, tissue extractions, genetic analyses, biometric analyses, data summaries, and report writing.

WASSIP ADVISORY PANEL CONTRIBUTIONS

The WASSIP MOU clearly identifies ADF&G as responsible for all technical analyses and reporting for the project, and establishes the oversight role of the Advisory Panel in program decision making. However, beyond the general obligation of Advisory Panel members to review and approve elements of the study plan, it should also be recognized that signatory representatives played a direct and tangible role in development of specific technical and programmatic components. It is clear that key elements of the project were directly influenced by their active participation, and contributions were fundamental in eventual outcomes of the project. Some of these contributions are summarized below.

Establishing the Web Page

A central expectation of WASSIP was that information from the program would be easily available to all interested parties. Many Advisory Panel members strongly urged the department to create a publically accessible website for posting of meeting agendas and minutes, and for disseminating scientific information associated with the project such as technical documents and reports. The web site has been an important communication tool for all aspects of WASSIP (http://www.adfg.alaska.gov/index.cfm?adfg=wassip.main).

Presentation Methods

All Advisory Panel members agreed that presentation of WASSIP results should emphasize clear presentation of WASSIP results that minimized technical jargon and employed easy to understand spatial mapping tools. Concern was raised that essential information from the project not simply be buried in summary tables and technical descriptions. One Advisory Panel member and one representative from the Gene Conservation Laboratory attended a two-day course on presentation methods taught by Edward Tufte to gether new ideas, some of which were incorporated into written and oral products.

Changes in Sampling Strategy

The Advisory Panel provided valuable and specific input on the original design of the sampling effort that formed the foundation of WASSIP results, and contributed substantively to modifications of that plan along the way. Early discussions helped identify the commercial and subsistence fisheries that should be included in the sampling plan, as well as temporal strata that could be reasonably excluded in view of budget constraints, such as late-season catches assumed to be all local-origin stocks. Fundamental changes were also made during the process, at the insistence of the Advisory Panel. Notably, a decision was made that collections executed by ADF&G for chum salmon in 2006 were flawed, largely because of inadequate sampling in marine waters at the mouth of the Yukon River (Management Area Y-1) and in Bristol Bay. This shortfall was viewed as so critical to ultimate study interpretations that a full additional year was added to the study design to correct it. Details of the entire sampling strategy and effort are documented in the WASSIP sampling report (Eggers et al. 2011).

Establishment and Selection of the Technical Committee

It was recognized early on that a Technical Committee composed of experts in applicable fields was a necessary component for a successful project. This committee would provide a mechanism for review of project methods and results by independent experts and avoid problems associated with "dueling experts" brought into the process by different stakeholder signatories. The Advisory Panel helped formulate a list of possible candidates in the fields of genetics, biometrics, population dynamics and salmon ecology for participation in the project. At their urging, volunteer members were put in place two years after the signing of the MOU.

Detecting Stocks in Low Proportions

Many Advisory Panel members emphasized that stocks present in very low proportions in WASSIP fisheries must be adequately detected in mixed stock fishery analyses. Concern was expressed that the general standard of detecting a stock contribution of +/- 5%, 90% of the time was inadequate to describe small contributions for some stocks in some fisheries. Instead it was suggested that analyses should strive to achieve a standard of +/- 1%, 99% of the time and that the combining of spatial or temporal sampling strata should be considered to achieve that goal. The Advisory Panel formally adopted the principle that project analyses would strive to achieve this level of accuracy for genetic stock identification, even if that goal might not be achievable.

In response to Advisory Panel desires to explore this topic further, the department conducted a simulation study using a low proportion (1.1%) of North Peninsula sockeye salmon in a typical Bristol Bay, Ugashik District fishery. Three levels of summaries were calculated: 1) a separate estimate for each stratum in each year, 2) a broader estimate combining all strata within each year, and 3) a single grand estimate combining all years and strata. Estimates for individual strata were noisy with wide confidence intervals, often containing zero. The yearly estimates had tighter confidence intervals, one of which excluded zero; the three-year estimate was near the true value with a tight confidence interval which excluded zero. Preliminarily, these results gave promise to the task of accurately and precisely estimating small proportions, as long as estimates combining spatial or temporal strata were acceptable. Details of this simulation can be found in Jasper et al. (2012).

Harvest Rates

When WASSIP began, most genetic stock identification studies for salmon in Alaska limited reporting to estimated stock proportions in the sampled fishery strata. Some Advisory Panel members vigorously argued that reporting only stock proportions of a sampled fishery failed to provide a complete picture of real impacts to those stocks. Rather, extension of those proportions to stock specific numbers of fish harvested, and calculation of stock specific harvest rates in the fishery was the appropriate way to evaluate those impacts. Some representatives, including ADF&G, resisted this because it entailed estimation of stock-specific terminal harvest and escapements for both species, which involves many assumptions and large uncertainties where data is limited. It also required significant additional work for the finite human resources available. Since the harvest rate objective was added to the MOU in 2008, discussion of this topic over a period of two years was largely focused on the qualifying language, *to the extent possible*, in recognition of the high degree of uncertainty associated with stock-specific escapement estimates. In the end, the goal was accomplished due to insistence of some Advisory Panel members, and willingness among stock assessment biologists, Advisory Panel members, and technical support staff to engage in detailed assessment of terminal harvest and escapement

estimates, with explicit statements of uncertainties associated with each. The presentation of harvest rate data along with stock proportion results represents a fundamental shift in the way genetic stock identification results are contextualized by ADF&G.

Input on Reporting Groups

Reporting groups are a foundational element of WASSIP as they are the basic units to which mixtures are allocated. There are a number of technical considerations associated with defining reporting groups, such as adequate representation of populations in the reporting group and good performance in tests designed to evaluate the baseline (proof and escapement tests; Dann et al. 2012a,c). However, defining reporting groups should account for stakeholder interests, including sociological needs and management information gaps, as well as biological and statistical constraints (Habicht et al. 2012a). To ultimately define reporting groups for each species, decision trees were established that began with stakeholder desires for relevant reporting groups. Lengthy discussions within the Advisory Panel outlined those needs and staff from the ADF&G Gene Conservation Laboratory subsequently applied technical criteria to determine whether the desired suite of reporting groups would provide statistically supportable estimates. The final set of reporting groups for each species often deviated from those ideally sought by the Advisory Panel, but represented the best, statistically defensible compromise.

Determination of chum salmon reporting groups in Western Alaska provides a good illustration of cooperation among the Advisory Panel and technical staff to arrive at solutions. From the outset, a major impetus for WASSIP for many stakeholders was to better identify chum salmon stock groups from Bristol Bay to Norton Sound. All panel members strongly desired that, at minimum, stocks from Norton Sound, Yukon River, Kuskokwim River, and Bristol Bay could be distinguished in fishery mixtures. At a joint meeting of the Advisory Panel and Technical Committee, the Gene Conservation Laboratory presented results evaluating reporting groups for the chum salmon baseline which indicated a low level of resolution in the Coastal Western Alaska (CWAK) area (DeCovich et al. 2012a). The lab recommended pooling the four groups of CWAK into a single aggregate for stock composition estimates. Because this was such a fundamental concern for stakeholders, the Advisory Panel requested additional evidence that pooling was necessary, prompting the laboratory to run several fishery-based proof tests of hypothetical mixtures of chum salmon covering a range of possible real-life scenarios in fisheries around Western Alaska. In consultation with the WASSIP Technical Committee, laboratory staff worked closely with an *ad hoc* committee composed of Advisory Panel members and technical staff, who developed five hypothetical mixtures for use in the simulations. In every simulated fishery-based proof test, the stock composition estimates for CWAK as a single reporting group were more precise and had smaller confidence intervals than for the reporting groups of the subdivided CWAK. These fishery-based proof tests provided insight into the magnitude of errors and magnitude and direction of biases resulting from the division of CWAK into 4 reporting groups. The results showed that the combined CWAK estimate was relatively precise and only slightly biased. Based on these results the committee agreed unanimously to recommend the pooling of CWAK stocks for the purposes of estimating mixture samples in WASSIP. While this result was a huge disappointment for most representatives, the additional collective work was essential for establishing the credibility of the combined reporting group and trust that all reasonable avenues were explored. Details of this study component can be found in Habicht et al. (2012b).

Marker Type Used

The decision as to what genetic marker type, microsatellites (mSATs) or single nucleotide polymorphisms (SNPs) would be used in the WASSIP study lingered for 18 months following the first Advisory Panel meeting after the MOU was signed. The department had made it clear that the Gene Conservation Laboratory was actively transitioning toward a focus on SNP analyses, and as the lab responsible for WASSIP analyses, this should be the preferred path. Some representatives took exception to this stance as reason for using SNPs, and argued that extensive baselines were available for mSATs in Western Alaska, and that inclusion of other laboratories in analyses might make use of these markers a practical option. Some felt that ADF&G had failed to adequately consider the needs of all stakeholders in previous discussions.

To reach resolution on this critical technical issue, the Advisory Panel agreed to engage the Technical Committee. While it was generally recognized that either genetic marker could theoretically be used to accomplish the goals of WASSIP, Technical Committee members also agreed that the decision was as much influenced by economic considerations as by inherent genetic attributes of either marker. In particular, the Technical Committee generally confirmed the widely held notion that economies associated with the use of SNPs made them more practical for very large projects (such as the human genome project) and that easy transferability of results between laboratories was an advantage. Ultimately, the Advisory Panel agreed with recommendations put forth by the department, and supported by the Technical Committee, that the sheer scale of WASSIP in terms of sample numbers required economies offered by SNPs. The decision to use SNPs in the WASSIP study was reached in spring, 2008.

Increasing the Number of Genetic Markers

Recognizing that the fundamental purpose of WASSIP was to determine stock of origin for sockeye and chum salmon in fisheries samples to the greatest resolution possible, several Advisory Panel members suggested that the evolutionary history of Western Alaska chum salmon in particular required that the available set of 48 SNP markers be expanded to improve chances of greater stock resolution. Because of the technical platform used by the laboratory, the most efficient number would be 96 SNPs. Discussions about adding markers for both species involved considerations of time, budget, and the likelihood that additional SNPs would improve stock resolution.

The department established a contract with the International Program for Salmon Ecological Genetics at the University of Washington for discovery of additional chum salmon SNPs. These efforts were based on cDNA sequences from two chum salmon sampled from the Susitna (Cook Inlet) and Delta (Yukon River) rivers. This process added 37 validated SNPs to those already available for used in chum salmon for WASSIP (Seeb et al. 2011). Subsequent efforts raised the total number of available SNPs to 228 (DeCovich et al. 2012b). The SNPs discovered through this and other efforts were assayed in 30 populations and a subset of the best 96 SNPs was used for mixed stock analysis in WASSIP. Details of SNP discovery for chum salmon can be found in (DeCovich et al. 2012c).

These specific topics of technical and programmatic direction are just some of the areas where participation of this stakeholder driven Advisory Panel provided impetus and input that resulted in tangible benefits to the overall study.

PREVIOUS SOCKEYE SALMON TAGGING AND STOCK COMPOSITION STUDIES IN WASSIP FISHERIES

Because there are no sockeye salmon stocks in the South Alaska Peninsula area large enough to support catch levels in the fisheries, there is long-standing interest in documenting origins of sockeye salmon catches. Tagging studies were initiated early in the history of the North and South Alaska Peninsula fisheries to identify origins of sockeye and chum salmon in the fishery catch. Studies conducted from 1922 to 1939 removed fish from commercial fish traps and affixed numbered aluminum strips to caudal fins. Tagging occurred during June through early July and fish were recovered in fisheries or from escapements through voluntary returns. Only presence or absence of stocks present in the fishing areas can be inferred from these studies due to differential and unknown tagging mortalities and/or recapture probabilities among the stocks present.

Between 1922 and 1939, large numbers of fish were tagged in fisheries near Bear River, Ikatan, and Shumagin Islands in June through early July (Gilbert 1923; Gilbert and Rich 1925; Rich 1926). Most tags were recovered in local fisheries, and those from nonlocal fisheries were mainly recovered in Bristol Bay, North Alaska Peninsula and Chignik fisheries, with a few recoveries in Kuskokwim, Kodiak and Cook Inlet originating from the Shumagin Islands area (Table 1).

Tagged sockeye salmon were released during June in the Unimak/Ikatan, Shumagin Islands, and Southeastern District Mainland (SEDM) areas in 1939 (Shaul 2005). The pattern of recoveries among stocks was very similar to earlier studies in these areas, with most recoveries from local fisheries. Other recoveries from the Unimak/Ikatan releases occurred in Kuskokwim, North Alaska Peninsula and Bristol Bay fisheries (Table 1), and recoveries from the Shumagin Islands releases came from Chignik and Kodiak fisheries. Most recoveries from the SEDM releases were in Chignik fisheries (Table 1).

As part of studies in 1961 through 1987, salmon were released tagged with Petersen disks or spaghetti tags, from purse seine catches in the S. Unimak/Ikatan, Shumagin Islands, and E. Stepovak areas. In the 1961 study (Lall and Hennick 1961) tagged sockeye salmon were released in the E. Stepovak area during the last two weeks in June, with recoveries in Chignik, Kodiak and Cook Inlet fisheries. There were a small number of releases in late May, 1956 and early July, 1957 from S. Unimak/Ikatan area as part of the International North Pacific Fisheries Commission high seas salmon tagging studies (Hartt 1962). Recoveries occurred in Bristol Bay fisheries. Tagged sockeye salmon were released during mid-June to mid-July, in the S. Unimak/Ikatan area in 1961 (Thorsteinson and Merrill 1964), with recoveries in North Alaska Peninsula, Chignik and Kodiak fisheries (Table 1). As with previous studies, only presence or absence can be inferred from these tagging efforts.

ADF&G conducted a large tagging study in 1987, with releases in the S. Unimak/Ikatan and Shumagin Islands area during June. The study was originally conceived to focus on chum salmon, however, sockeye tagging was added to objectives. The study was designed to temporally release tagged fish in the area of the South Alaska Peninsula June fishery, proportional to the catch in the two principal fishing areas (Table 1). The 1987 study was characterized by a large number of releases relative to earlier studies, a highly publicized tag recovery effort, as well as an explicit sampling and fisherman interview program, to directly estimate the tag reporting rate by fishery. The pattern of recoveries from releases in the S.

Unimak/Ikatan and Shumagin Islands areas were very similar to those of earlier studies, and indicated that stocks of sockeye salmon from Prince William Sound to the Kuskokwim area were present in the South Alaska Peninsula June fishery. A model was fit to the data to explicitly estimate stock composition of the population of tagged sockeye salmon released. The model expanded reported recoveries by estimated tagging mortality, harvest rate in terminal fisheries, and the estimated reporting rate. Bristol Bay origin sockeye salmon were predominant in the South Alaska Peninsula June fishery, with an estimated 83.8% of South Unimak releases and 53.7% of the Shumagin Islands releases of Bristol Bay origin. North Alaska Peninsula, Chignik, and Central Alaska stocks (Kodiak, Cook Inlet, and Prince William Sound) were collectively more prevalent in the Shumagin Islands sockeye releases (46.3%) than in the S. Unimak releases (16.0%). No tags from the 1987 study were recovered in Asia or in areas east of Prince William Sound.

Several tagging studies have been conducted in the Chignik Management Area. Thorsteinson (1956) tagged 495 sockeye salmon in 1949 in Chignik Lagoon, Ocean Beach, just outside Chignik Lagoon, and Anchorage Bay, about two miles from Chignik Lagoon. While 187 tags were observed passing the Chignik River weir, only 14 were physically recovered. Of the 14 tags physically recovered only 10 tags were recovered outside the Chignik area; 3 in the Alaska Peninsula Management Area, and 7 in Bristol Bay, all tagged at Anchorage Bay (Table 1). In another study (Thorsteinson, 1952), among 399 sockeye salmon tagged at Ocean Beach, 244 were recovered in the Chignik Area, 3 were recovered in South Alaska Peninsula fisheries, 1 in Bristol Bay and 1 in the Kodiak Area (Table 1). Lechner (1969) conducted several tagging projects in 1963, 1966, and 1967 to study a purse seine fishery that had developed in the Cape Kumlik area of Chignik in 1960. Tagging effort was low in 1963 and 1966 and all recoveries were local. In 1967, 847 fish were tagged and 269 recovered tags were captured in the Chignik area fisheries, with 1 recovery in the Shumagin Islands, 1 near Kupreanof Point (near the SEDM fishery), and 1 in the Kvichak River in Bristol Bay. ADF&G conducted a tagging study in 1979 (unpublished ADF&G data on Chignik district tagging study obtained from Mark Wittiveen, Commercial Fisheries Biologist, ADF&G, Kodiak) in which a total of 208 fish were tagged in Aniakchak Bay, Agripina Bay (both Eastern District, Chignik); 36 released at Cape Kumlina and Sutwik Island (both Central District), and 125 released at Mitrofania Island (Western District). Recoveries from the Western District releases included 5 recoveries from Mitrofania Island tagging, 2 from Nushagak, 1 from Ugashik, 1 from Naknek, and 1 from near Port Moeller. Recoveries from the Eastern District releases included 1 in the local fishery and 6 at the Chignik River weir. Recoveries from the Central District releases included 2 at the Chignik Weir (Table 1).

Tagging studies have also been conducted in outer Bristol Bay area (Straty 1975; Barnaby 1952). In addition, synoptic sampling in the Port Moller test fishery (cf. Eggers and Freid 1984) has been conducted continuously since 1967 where several stations, from 45 to 130 km offshore along a transect from Port Moller to Cape Newenham, are sampled over a two-day cycle from mid-June to mid-July. These studies demonstrate returning Bristol Bay sockeye salmon migrate in a wide corridor offshore of the North Alaska Peninsula. In recent years, stock composition of the Port Moller test fishery sockeye salmon catches are routinely estimated using genetic stock identification (GSI) methods (Tyler Dann, Fisheries Geneticist, ADF&G, Anchorage, personal communication). These studies confirm that all Bristol Bay stocks, as well as North Alaska Peninsula stocks are present in Port Moller test fishery catches.

Stock composition of sockeye salmon catches in eastside Bristol Bay fishing districts were estimated from 1989 to 1992 using scale pattern analysis (Cross and Stratton 1989, 1991; Cross et al. 1992; Stratton et al. 1992). These studies used a four-stock model (Ugashik, Egegik, Naknek, and Kvichak) applied to four age classes to estimate the stock composition of Ugashik, Egegik, and Naknek-Kvichak district catches. Results from these studies demonstrated that stocks terminal to the district are the greatest contributors to the catch. Ugashik stocks constituted 74% to 87% of Ugashik District catches; Egegik stocks constituted 60% to 78% of Egegik District catches; and Naknek-Kvichak stocks constituted 85% to 96% of Naknek-Kvichak District catches over the four-year study period. These studies also showed that Naknek-Kvichak and Egegik stocks occur in Ugashik district catches, that Ugashik and Naknek-Kvichak District stocks occur in Egegik District catches, and that Egegik and Ugashik stocks potentially occur in Naknek-Kvichak District catches. Fundamental limitations of stock identification using scale pattern analysis include a low number of stocks or reporting groups that can be discriminated and very low precision, with correct classification among known samples ranging from 55% to 90%.

Genetic stock composition of sockeye salmon commercial harvests in Bristol Bay has been conducted from 2006 to 2009 (Dann et al. 2009; Dann et al. 2011). Contributions of 11 reporting groups (Kuskokwim, Togiak, Igushik, Wood River, Nushagak, Kvichak, Alagnak, Naknek, Egegik, Ugashik, and North Alaska Peninsula) to sockeye catches in 5 Bristol Bay fishing districts (Togiak, Nushagak, Naknek-Kvichak, Egegik, and Ugashik) were estimated using genetic stock identification methods. For all districts and all years reporting groups that originated in river systems terminal to districts were the largest contributors to the respective district catches. There was very low (<1%) contribution of stocks originating outside the districts for Nushagak and Togiak district catches. There was also low contribution (<1%) of westside stocks (Togiak, Igushik, Wood and Nushagak) to catches in the eastside districts (Egegik, Ugashik, Naknek-Kvichak). For some years, there were higher contributions (up to 10%) of Naknek-Kvichak and Egegik district stocks to Ugashik District catches, of Ugashik and Naknek-Kvichak district stocks to Egegik District catches, and of Egegik District stocks to Naknek-Kvichak District catches. These results were generally consistent with the earlier scale pattern analysis studies for the eastside districts, except contribution of stocks outside the districts to specific district catches were much higher in the scale pattern studies. The relatively high contribution of Ugashik stocks to Naknek-Kvichak District catches, and of Naknek-Kvichak district stocks to Ugashik District catches in the scale studies was probably due to misclassification errors inherent with the scale pattern analysis methodology.

DESCRIPTION AND HISTORY OF SOCKEYE SALMON FISHERIES IN THE WASSIP AREA

Prior to statehood, Alaskan salmon fisheries were managed under federal authority where restrictions on gear, fishing areas, methods and means were implemented under the White Act of 1924. The White Act gave the Secretary of Commerce broad authority for conserving fisheries in Alaska including establishment of fishing areas, times, methods, and means. It also required at least 50% of salmon runs to escape fisheries where assessment projects were maintained. The White Act also amended and reinforced earlier measures enacted in 1906 and specifically stated that regulations could not grant exclusive fishing rights. Fishing seasons were set preseason in the published Federal regulations. Fishing seasons were defined by opening dates and closing

dates, which generally conform to present-day fishing seasons in current regulation, as well as weekly fishing schedules. The weekly fishing schedules were modified over the history of Federal management with consistent reductions in fishing time as runs declined. State and federal management of each fishery is briefly described.

CHIGNIK AREA FISHERIES

The Chignik salmon fishery was well developed by 1895, utilizing fish traps, seines and gillnets. There were at least 23 fish traps operating in 1899 and the total sockeye salmon catch was close to 1 million fish. At least eight traps operated until 1939, four traps until 1954, after which the traps were eliminated. With limited entry in 1972, hand purse seines and purse seines were established as legal gear in the Chignik area, with hand purse seines as the only legal gear in the Chignik Bay District.

Under State of Alaska management, the Chignik fishery continued with weekly fishing periods specified in preseason regulations until 1968, when escapement goals were established and the fishery was managed by emergency order. During the period from 1980 to 2010, the Chignik area commercial catch of sockeye salmon averaged 1.4 million and ranged from 0.7 million to 3.2 million (Figure 2).

Subsistence salmon harvests are important to local residents. For the period of 1990–2009, as many as 219 residents requested subsistence fishing permits, reporting an average sockeye harvest of 9,539 fish.

SOUTH ALASKA PENINSULA FISHERIES

Fisheries were also established in coastal areas south of the Alaska Peninsula. There are no river systems in the South Alaska Peninsula area with major stocks of sockeye salmon present. However maturing salmon move through the area en route to natal streams. These migrating maturing sockeye salmon are present in nearshore areas where traditional methods can efficiently capture fish. Commercial fish harvests began as early as 1888, with documented catches in the area beginning in 1906. Both pink and chum salmon harvests exceeded 500,000 fish for the first time in 1919. Prior to the mid-1930s fish traps dominated the gear deployed in South Alaska Peninsula area. Participation in the modern South Alaska Peninsula fishery was set in 1972 with adoption of limited entry. Legal gear includes purse seines, drift gillnets, and set gillnets. There was an expansion in the fishing effort in the area following limited entry as many individuals that fished both purse seine and set gillnets held permits for both gear types. Some multiple permit holders transferred or sold permits, often within their families. During the period from 1980 to 2010, the South Alaska Peninsula commercial catch of sockeye salmon averaged 2.2 million and ranged from 0.6 million to 3.7 million fish (Figure 2).

Weekly fishing periods were in place under state management prior to 1973 with the fishery open 5 to 7 days per week. Fishing time restrictions were placed on the June Fishery in 1973, and the June fishery was closed in 1974 due to anticipated weak Bristol Bay runs. Beginning in 1975, the Alaska Peninsula June fishery was managed with guideline harvest levels of sockeye salmon based on projected harvest of sockeye salmon in Bristol Bay. Beginning in 1982, a variety of additional restrictions were adopted by the Board of Fisheries designed to limit the harvest of chum salmon. In 2001, the sockeye guideline harvest levels as well as the restrictions on chum salmon harvests were eliminated and weekly fishing implemented. Fishing time was liberalized in 2004.

Sockeye salmon are caught incidentally with other species in the South Alaska Peninsula Post-June fisheries. In 1975, the fishery was severely restricted to protect pink salmon runs. During the period from 1976 to 1991 the fishery was managed by emergency order based on the run strength of local stocks of pink and chum salmon and the fishery continued into late August during years of strong pink and chum salmon runs. After 1992 the fishery was managed under the Post-June Management Plan implemented to reduce the catch of migrating coho salmon in the fishery. There have been a few changes in Post-June fishery management over the years including expanding terminal areas and at times implementing a 60,000 coho salmon catch ceiling for nonterminal areas.

Prior to 1974, the SEDM fishery was regulated by set weekly fishing periods, which were usually five days per week. From 1974 to 1978 the fishery was opened on a day to day basis, coordinated with openings in Chignik Bay. In 1978 seining was disallowed in the SEDM prior to July 10. Beginning in 1979, the SEDM fishery was managed with harvest ceilings linked to Chignik harvest. In 1985, the timeframe for the SEDM management plan was expanded to June 1 to July 25 and the SEDM harvest was based on an allocation of Chignik-bound fish. The target catch of Chignik-bound sockeye salmon in the SEDM fishery was calculated by a formula specified in regulation. Beginning in 1996, the Northwest Stepovak Section and the Stepovak Flats Section within the SEDM were based on local stocks beginning on July 1. From 1998 through 2007, several changes were made to the SEDM management plan including changes to local stock management, harvest goals in Chignik, and allocation percentages. After July 25, SEDM was managed on the abundance of local pink and chum stocks.

Subsistence harvest of salmon is an important source of food for local residents of the Alaska Peninsula. Average subsistence harvest of sockeye salmon among communities of Port Heiden, Nelson Lagoon, Port Moller, Cold Bay, False Pass, King Cove, and Sand Point, for 2005 to 2009 was 7,222. For some years since 1985, harvests have exceeded 11,000 fish.

NORTH ALASKA PENINSULA FISHERY

Salmon fisheries in the North Alaska Peninsula area developed later than those in Bristol Bay. The first fish traps were deployed in Nelson Lagoon in 1906 and fisheries were established in other North Peninsula areas in 1912. A wide variety of gear types were used in the North Peninsula fishery, including beach seines, gillnets, purse seines and fish traps (Rich and Ball 1928). Until mid-1930, almost all salmon were harvested with fish traps. The modern North Peninsula fishery was established with limited entry in 1972. Although legal gear in the North Peninsula includes hand purse seines, purse seines, set gillnets and drift gillnets, the vast majority of fishing effort is with drift gillnets.

Weekly fishing periods for North Alaska Peninsula are codified in the present day regulations with the provision that fishing periods may be modified by emergency order. Beginning in the late 1960s the North Alaska Peninsula fisheries were managed by inseason modification of the weekly fishing schedule by emergency order according to run strength of local sockeye salmon stocks in the North Alaska Peninsula Area.

During the period 1980 to 2010, the North Alaska Peninsula commercial catch of sockeye salmon averaged 2.2 million and ranged from 1.1 million to 3.9 million (Figure 2).

Subsistence harvest of salmon is an important source of food for local residents of the Alaska Peninsula. Average subsistence harvest of sockeye salmon among communities of Port Heiden,

Nelson Lagoon, Port Moller, Cold Bay, False Pass, King Cove, and Sand Point, for 2005 to 2009 was 7,222. For some years since 1985, harvests have exceeded 11,000 fish.

BRISTOL BAY FISHERY

The Bristol Bay salmon fishery developed rapidly between 1899 and 1902 with effort directed near the major river systems producing sockeye salmon. Maturing salmon were concentrated and efficiently captured with drift gillnet gear that could be operated in the shallow waters of Bristol Bay. A large number of canneries (relative to the number of processors operating today) were built along the estuaries of the major rivers. The Bristol Bay sockeye salmon fishery was fully developed by the early 1920s. Most of the salmon were captured with drift gillnets, although a few fish traps were operated during from 1903 to 1924 (Rich and Ball 1928). Drift gillnets were deployed from sailboats until 1951, when power fishing vessels were allowed. Less efficient sailboats were abandoned by 1954. The modern day fishery in Bristol Bay (Management Area T) uses drift gillnets and set gillnets. Participation in the fishery was set by the limited entry act of 1972.

Under state regulations, the Bristol Bay fishery is managed using escapement goals established for the nine major sockeye salmon stocks in Bristol Bay, with fisheries opened inseason by emergency order based on assessments of run strength. Over time, fishing districts were broken into subdistricts and special harvest areas giving managers flexibility to better target harvests on specific stocks. Under state regulations, more fishing was allowed during strong runs than under Federal management, while considerably less fishing was permitted during weak runs than under Federal management.

The vast majority of sockeye salmon commercially harvested in the WASSIP area occurs in Bristol Bay. During the period from 1980 to 2010, the Bristol Bay commercial catch of sockeye salmon averaged 24.9 million and ranged from 10 million to 44.2 million (Figure 2).

KUSKOKWIM AREA FISHERIES

Commercial salmon harvests have been documented since 1913 in Kuskokwim area. The current system of commercial salmon fishing districts in the Kuskokwim area was established in 1960 with districts in the Kuskokwim River (District 1) and off the mouth of Kanektok River (District 4). District 5, in Goodnews Bay, was established in 1968. Legal gear includes drift gillnet and set gillnet. The first harvest of sockeye salmon occurred in District 4 in 1960 and in the Kuskokwim River in 1969. During the period from 1980 to 2010, the commercial harvest of sockeye salmon in the Kuskokwim area averaged 127,000 and ranged from 24,000 to 204,000. Some of the largest subsistence salmon harvests in Alaska occur in Kuskokwim area. The subsistence harvest of sockeye salmon in the Kuskokwim area, during the period of available subsistence harvests, 1990 to 2009, averaged 45,000 and ranged from 32,000 to 64,000 (Figure 2).

NORTON SOUND AREA FISHERIES

A traditional subsistence salmon fishery for sockeye salmon has probably occurred in Norton Sound for centuries, particularly in Port Clarence Area. Fishermen from Brevig Mission fish northern and northeastern sections of Port Clarence District and Teller fishermen utilize Grantley harbor and Tuksuk Channel. Salmon Lake and Pilgrim River stocks have been fished by Nome, Brevig Mission and Teller residents for a long time, with increased effort in the mid-2000s when

there were record runs of sockeye to Salmon Lake. The subsistence harvest of sockeye salmon in the Norton Sound area, during the period of available subsistence harvests, 1994 to 2009, averaged 5,075 fish and ranged from 1,651 to 10,634 fish. Few sockeye salmon are harvested in Norton Sound area commercial fisheries. During the period from 1980 to 2009, the commercial harvest of sockeye salmon in the Norton Sound area averaged 150 fish, and ranged from 0 to 1,282.

DEFINITIONS

To reduce confusion associated with the methods, results, and interpretation of this study, basic definitions of commonly used genetic and salmon management terms are offered here.

Allele. Alternative form of a given gene or DNA sequence.

Credibility Interval. In Bayesian statistics, a credibility interval is a posterior probability interval. Credibility intervals differ from the confidence intervals in frequentist statistics in that they are a direct statement of probability: i.e., a 90% credibility interval has a 90% chance of containing the true answer.

District. Waters open to commercial salmon fishing. Commercial fishing districts, subdistricts and sections in WASSIP commercial fishing areas are defined in statutes listed below under *Salmon administrative area*.

Escapement. The annual estimated size of the spawning salmon stock (5 AAC39.222(f)).

F-statistics. Measures used to partition genetic diversity within and among populations in a hierarchical fashion.

Genetic Marker. A known DNA sequence that can be identified by a simple assay.

Genotype. The set of alleles for one or more loci for an individual.

Harvest. The number of salmon taken of a run from a specific stock.

Harvest Rate. The fractional harvest from a stock taken in a fishery.

Lake Ecotype. The typical anadromous form of sockeye salmon which spends about half its life in a nursery lake before migrating seaward (Burgner 1991).

Locus (*Loci, plural)*. A fixed position or region on a chromosome that may contain more than one genetic marker.

Mixed Stock Analysis (*MSA*). Method using allele frequencies from populations and genotypes from mixture samples to estimate stock compositions of mixtures.

Polymerase Chain Reaction (*PCR*). Method which amplifies a single or few copies of a locus across several orders of magnitude, generating millions of copies of the DNA.

Posterior Probability Distribution. The distribution of an unknown quantity, treated as a random variable, conditional on the evidence obtained from an experiment or survey.

Prior Probability Distribution. The distribution that expresses uncertainty and information of an unknown quantity before taking into account data.

Reporting Group. A group of populations in a genetic baseline to which portions of a mixture are allocated during mixed stock analyses; constructed based on a combination of stakeholder needs and genetic distinction and approved by the WASSIP Technical Committee and Advisory Panel. For the purposes of WASSIP sockeye salmon analyses, reporting groups were defined into regional and subregional groups as follows:

1) Region: Norton Sound Subregions: None
2) Region: Kuskokwim Bay Subregions: Kuskokwim River, Kanektok, Goodnews
3) Region: Bristol Bay Subregions: Togiak, Igushik, Wood, Nushagak, Kvichak, Alagnak, Naknek, Egegik, Ugashik
4) Region: North Peninsula Subregions: Cinder, Meshik, Ilnik, Sandy, Bear, Nelson, Northwestern District-Black Hills
5) Region: South Peninsula Subregions: None
6) Region: Chignik Subregions: Black Lake, Chignik Lake
7) Region: East of WASSIP Subregions: None

Run. The total number of salmon in a stock surviving to adulthood and returning to the vicinity of the natal stream in any calendar year, composed of both the harvest of adult salmon plus the escapement; the annual run in any calendar year. The run is composed of several age classes of mature fish from the stock, derived from the spawning of a number of previous brood years (from 5 AAC39.222(f)).

Salmon Administrative Area (*Area*). Geographic areas used to administer the registration of commercial salmon fishing permits (from 20 AAC05.230). Commercial salmon fishing areas are designated by letter code and are defined by the following Alaska administrative code: Chignik (Area L; 5 AAC15.100); Aleutian Islands and Alaska Peninsula (Area M; 5 AAC12.100, 5 AAC09.100, and 5 AAC11.101); Bristol Bay (Area T; 5 AAC06.100); and Kuskokwim (Area W; 5 AAC07.100). Districts and subdistricts within areas are used to aid management are further defined by administrative code.

Salmon Stock. A locally interbreeding group of salmon that is distinguished by a distinct combination of genetic, phenotypic, life history, and habitat characteristics or an aggregation of 2 or more interbreeding groups, which occur in the same geographic area and is managed as a unit (from 5 AAC39.222(f)). For purposes of this study, a sockeye stock is a composite of all populations that spawn within the 15 major rivers and 9 adjacent geographic regions defined as *reporting groups* above.

Sea/river Ecotype. An anadromous form of sockeye salmon which does not spend any part of its life in a nursery lake before migrating seaward (Wood et al. 2008).

Single nucleotide polymorphism (SNP). DNA sequence variation occurring when a single nucleotide (A, T, C, or G) differs among individuals or within an individual between paired chromosomes.

METHODS

TOTAL RUN

In a regional fishery there are a number of component fisheries (f) and a number of reporting groups (y), with each reporting group occurring to some extent in all component fisheries. The key elements necessary to calculate the annual total run for each reporting group N_y are annual

estimates of each run component, with associated coefficients of variation (CVs), of the yth reporting group:

$$N_y = T_y + E_y + \sum_f C_{f,y},$$

where T_y is the terminal harvest of the yth reporting group, E_y is the escapement of the yth reporting group, and $C_{f,y}$ is the harvest in WASSIP fisheries of the yth reporting group in the fth fishery. A subregional reporting group may consist of several assessed drainage- or area-wide groups of populations; therefore the assessed population(s) or escapements and terminal harvests for the reporting group must be aggregated to estimate E_y and T_y as described in Eggers et al. (2012). Subregional reporting groups are aggregated into regional reporting groups. From here forward, the term *reporting groups* without the *subregional* or *regional* prefix will refer generically to both regional and subregional reporting groups, depending on the context. Terminal harvest also occurred for reporting groups exploited in unsampled fisheries within the WASSIP area where it was assumed that 100% of the fish harvested belong to a single regional or subregional reporting group. These harvests include subsistence, commercial harvest in terminal areas, and inriver commercial harvest.

A measurement error model was used to express the uncertainty in the ith component O_i (harvest, terminal harvest, and escapement) of the reporting group's run N_y. Each run component (O_i) was modeled as a lognormal random variable,

$$O_i | \mu_{O_i}, \lambda_{O_i}^2 \sim \log N\left(\mu_{O_i}, \lambda_{O_i}^2\right).$$

The parameters $\mu_{O_i}$and $\lambda_{O_i}^2$ were estimated as:

$$\hat{\mu}_{O_i} = \ln(\hat{O}_i) - \hat{\lambda}_{O_i}^2/2 \text{ and}$$

$$\hat{\lambda}_{O_i}^2 = \ln(\widehat{CV}^2\left(\hat{O}_i\right) + 1),$$

where $\hat{O}_i$ was the estimated value of the quantity O_i, and $\widehat{CV}\left(\hat{O}_i\right)$ was the estimated coefficient of variation of the estimate. These relationships were derived from Evans et al. (1993).

In the following, the measurement error model was used to generate the uncertainty in any estimated lower level components (O_i) and expressed as an empirical Monte Carlo distribution. The measurement error model, conditioned on the estimated mean and CV of the lower level components, was used to generate 100,000 observations in a Monte Carlo simulation. Estimates of stock specific catch by fishery, area, and temporal strata, and harvest rates by fishery and area strata are simple arithmetic operations performed on the individual low level run component estimates (cf. methods below). In addition, there are various levels of pooling of individual estimate strata at different levels (i.e., over time, area, fishery, and reporting group) in the following. Under the assumption of independence (i.e., no correlation) of the individual lower-level run components, it was straightforward to combine the various Monte Carlo distributions to estimate the Monte Carlo distribution of the estimated quantity or pooled estimate by performing the arithmetic operations needed to generate the estimate or pooled estimate on each of the 100,000 realizations.

STOCK SPECIFIC HARVEST

Estimates of stock specific harvest were derived by applying the stock specific composition proportions ($p_{f,y}$) to the stratum harvest C_f .

$$C_{f,y} = p_{f,y} C_f$$

The estimate ($\hat{C}_{f,y}$) and distribution of stock specific harvest for each reporting group (y) and component fishery (f) can be obtained by Monte Carlo simulation. Here, K = 100,000 independent realizations of the reporting group-specific harvest ($C_{f,y}^{(i)}$) drawn randomly from the joint distribution of the harvest ($C_f^{(i)}$) and stock composition ($p_{f,y}^{(i)}$) for each stratum

$$C_{f,y}^{(i)} = p_{f,y}^{(i)} C_f^{(i)}$$

$$\hat{C}_{f,y} = median\ of\ the\ K\ observations\ of\ C_{f,y}^{(i)}.$$

Note that the 90% credibility interval (CI) was determined by 5th and 95th quantiles of the K observations of $C_{f,y}^{(i)}$. The median, 90% CI, mean, SDand CV of the stock specific harvests were estimated directly from K observations of $C_{f,y}^{(i)}$.

Generation of stock-specific catch distributions required an estimate of the distribution of each component. The distributions of the stock compositions ($p_{f,y}^{(i)}$) were the Bayesian posterior distributions of stock proportions from the mixed stock analysis described in Dann et al. (2012b). The lognormal probability distribution for the harvest ($C_f^{(i)}$) from each stratum used the harvests from Eggers et al. (2012) as the mean.

Commercial catches of salmon are reported on fish tickets and for many fisheries the numbers are based on converting weight of fish to number of fish using an estimate of average fish weight. Subsistence catches are estimated based on surveys of participants. We explicitly recognized that the number of fish harvested within a temporal stratum is not counted without error; however, an actual assessment of error is not feasible at this time. Consequently, an *ad hoc* CV of 5% was applied to commercial harvests of sockeye salmon in WASSIP area commercial fisheries. Given the reporting issues that are often associated with subsistence fisheries, a larger CV of 10% was used for estimates of the subsistence catch.

STOCK SPECIFIC HARVEST RATES

A statistical regional fishery approach was used for estimating reporting group-specific harvest rates. These harvest rates account for fish harvested in all WASSIP fisheries but exclude fish harvested outside the WASSIP area. The regional fishery consists of multiple interacting fisheries collectively exploiting multiple reporting groups. Each reporting group may occur to some extent in each of the component fisheries of the region. This approach was applied to reporting group-specific harvest estimated from WASSIP studies and to estimates of reporting group-specific terminal harvest and escapements.

Estimate and distribution of harvest rate ($\widehat{HR}_{f,y}$) for each reporting group (y) and component fishery (f) can be obtained by Monte Carlo simulation. Here, K = 100,000 realizations of the

state of the regional fishery was determined by reporting group-specific catches ($C_{f,y}^{(i)}$), terminal harvests ($T_y^{(i)}$) and reporting group-specific escapement ($E_y^{(i)}$). Each realization of the regional fishery is drawn randomly from the lognormal probability distribution associated with the measurement error for each of the individual run components:

$$N_y^{(i)} = T_y^{(i)} + E_y^{(i)} + \sum_f C_{f,y}^{(i)}$$

$$HR_{f,y}^{(i)} = {C_{f,y}^{(i)}}\Big/{N_y^{(i)}}$$

$$\widehat{HR}_{f,y} = median\ of\ the\ K\ observations\ of\ HR_{f,y}^{(i)}.$$

Note that the 90% credibility interval was determined by 5th and 95th quantiles of the K observations of $HR_{f,y}^{(i)}$.

There are harvest strata in the WASSIP fisheries that were either not sampled or sampled at an inappropriate level to estimate stock composition. These include times and areas not in the sampling plan, strata where fewer than the 100 samples were collected, or strata that were dropped from further analysis by the Advisory Panel (i.e., Eastern District temporal stratum 1). The following assumptions were used to assign stock compositions to these strata, based on Advisory Panel consensus.

The WASSIP sampling report (Eggers et al. 2011) provides sample summary tables for sockeye salmon. Within these tables, there are a number of area strata with harvests listed as *Late Catch* in the temporal stratum column. Harvests during these periods were not included in the sampling plan and genetic stock compositions were not estimated for these strata. These *late catch* strata were included in estimates of stock specific catch and harvest rates, using the following assumptions.

1. For the Chignik Area (Table 3 in Eggers et al. 2011);
    a. For Central and Western/Perryville districts, *late catch* strata used the stock composition estimates and uncertainty from the earlier temporal strata within each of these area strata,
    b. For Chignik Bay District, *late catch* strata were assumed to be 100% Chignik Lake fish with no uncertainty.
2. For the SEDM area (Table 5 in Eggers et al. 2011) the *late catch* strata for all areas within the SEDM were excluded from analyses.
3. For the South Peninsula Post-June Fishery (Table 9 in Eggers et al. 2011), the *late catch* stratum for the Ikatan Area was excluded from analyses.
4. For the Northern District (Table 11 in Eggers et al 2011), the *late catch* strata for the Bear River Section, Three Hills Sections, and Northern and Southern areas of Ilnik Section were assumed to be 100% Bear subregional reporting group with no uncertainty.

Some strata that were part of the WASSIP sampling plan had no samples collected or fewer than 100 samples—the minimum sample size for which stock composition estimates were produced.

Where possible, available stock composition estimates from adjacent strata or years were used to inform the stock composition for the strata with no or too few samples. Table 2 lists these strata and the strata that provided proxy stock composition estimates.

RESULTS

TOTAL RUN

Stock-specific estimates of escapement and associated uncertainties varied greatly among reporting groups (Tables 3–5). Subsistence harvest estimates by Areas varied greatly (Appendix A), while commercial harvests within the WASSIP area not documented by Eggers et al. (2011) were relatively small (Appendix B).

HARVEST BY TEMPORAL AREA STRATA

Harvest by temporal area strata are in Appendix C.

HARVEST AND HARVEST RATES BY FISHERY

Sampling results and proportional stock composition estimates for each fishery can be found in the WASSIP final report for sockeye salmon stock compositions (Dann et al. 2012b). Below we broadly summarize results for harvest and harvest rates by fishery, and report and note harvest rates in excess of 0.5%.

Westward Region

Chignik Area Fishery

Central District

Harvests in the Central District were dominated in all years by the Chignik reporting group with the consistent presence of Bristol Bay and East of WASSIP reporting groups (Tables 6–8; Figures 3 and 28; Appendices C1–C5). In 2006, the Central District harvest was 103,270 fish. The Chignik reporting group harvest consisted of 77,255 Black Lake fish and 23,222 Chignik Lake fish. The Central District harvest rate on the Chignik reporting group was 4.3% but had a 0% harvest rate on all other reporting groups. The harvests in 2007 were similar to 2006 with a Central District harvest of 138,819 fish consisting of 35,756 Black Lake fish and 97,929 Chignik Lake fish. The harvest rate on the Chignik reporting group was 8.1% and all other harvest rates were essentially 0%. In 2008, Central District harvests were 83,111 fish consisting of 34,503 Black Lake and 39,902 Chignik Lake fish. The harvest rate on the Chignik reporting group was 4.7%. The South Peninsula reporting group was the only other reporting group that had a harvest rate above 0% with 0.7%.

Chignik Bay District

The Chignik reporting group was the dominant harvest in the Chignik Bay District from 2006 through 2008 with relatively small contributions from other areas (Tables 9–11; Figures 4 and 29; Appendices C6–C25). In 2006, the Chignik Bay harvest was 726,482 fish with 434,519 Black Lake fish and 289,281 Chignik Lake fish comprising the Chignik reporting group. The Chignik Bay District harvest rate on the Chignik reporting group in 2006 was 31.4% with a 0% harvest rate on all other reporting groups. Harvests in 2007 followed a similar pattern with 545,256 fish caught in the Chignik Bay District with 176,746 Black Lake fish and 365,025 Chignik Lake fish comprising the Chignik reporting group. Harvests on all other reporting

groups were relatively small. The Chignik Bay District had a harvest rate on the Chignik reporting group of 32.9% with a harvest rate on all other reporting groups of 0%. In 2008, 527,026 fish were caught in the Chignik Bay District including 208,831 Black Lake and 317,165 Chignik Lake fish in the Chignik reporting group. All other reporting group harvests were relatively small. The harvest rate of the Chignik reporting group in the Chignik Bay District was 33.6% in 2008 and no other reporting groups were above 0%.

Western and Perryville districts

The harvests in the Western and Perryville districts were dominated by different reporting groups from 2006 through 2008; but despite variable harvests, the Chignik reporting group harvest rate remained relatively stable (Tables 12–14; Figures 5 and 30; Appendices C26–C35). In 2006, the Western and Perryville district harvest was 69,570 fish, consisting of 24,311 Black Lake fish and 22,698 Chignik Lake fish from the Chignik reporting group, while the harvest of East of WASSIP fish was 22,219. Other harvests in 2006 were relatively small. The Chignik reporting group harvest rate was 2.0% with no other reporting groups with a measurable harvest rate. There was a wider variety of harvest reporting groups in 2007 with a total Western and Perryville district harvest of 120,305. The Chignik reporting group harvest consisted of 23,266 Black Lake fish and 47,706 Chignik Lake fish. The East of WASSIP harvest was 34,620 fish and Bristol Bay harvest was 10,218 fish. Harvest rates were 4.3% for the Chignik reporting group and 0.1% or less for all other reporting groups. Harvests in 2008 were from an even wider variety of reporting groups with a total Western and Perryville district harvest of 74,854 fish with 11,124 Black Lake fish and 16,774 Chignik Lake fish. Bristol Bay reporting group harvest was 22,410 fish, East of WASSIP reporting group harvest was 9,934 fish and South Peninsula reporting group harvest was 8,440 fish. All other harvests were relatively small. The largest harvest rate was on the South Peninsula reporting group at 3.9% followed by the Chignik reporting group at 1.8%. No other groups had harvest rates above 0.2%.

Southeastern District Mainland Fishery

East Stepovak and Stepovak Flats sections

Harvests in the East Stepovak and Stepovak Flats sections were variable across years, mostly from the Chignik reporting group during 2006, and mostly from the East of WASSIP reporting group during 2007 and 2008 (Tables 15–17; Figures 6 and 31; Appendices C36–C39). Fishing time was limited in the East Stepovak and Stepovak Flats sections during June and most of July from 2006 through 2008 so harvests and harvest rates only cover the late portion of the season. In 2006, East Stepovak and Stepovak Flats sections harvest was 145,484 fish with the Chignik reporting group harvest at 82,576 fish and the East of WASSIP reporting group harvest at 62,486 fish. Harvests from all other reporting groups were relatively small. Harvest rate on the Chignik reporting group was 3.6% with no other measurable harvest rates. The 2007 East Stepovak and Stepovak Flats sections harvest was 72,315 fish, with the East of WASSIP reporting group being the dominant reporting group harvested with 45,437 fish, followed by the Chignik reporting group harvest of 26,876 fish. There were no other large reporting group harvests in the East Stepovak and Stepovak Flats sections during 2007 and the only harvest rate above 0% was from the Chignik reporting group with 1.6%. In 2008, the East Stepovak and Stepovak Flats sections harvest was 61,811 fish. Dominant harvest again came from the East of WASSIP reporting group with 32,892 fish, followed by the Chignik reporting group with 28,117 fish. Harvests from all

other reporting groups were relatively small. The only measurable harvest rate in 2008 was on the Chignik reporting group with 1.8%.

Northwest Stepovak Section

There were few fishery openings in the Northwest Stepovak Section during 2006 through 2008, and harvests were low (Tables 18–20; Figures 7 and 32; Appendices C40–C44). Reporting group harvest estimates and harvest rates for 2006 and 2007 were based on stock compositions estimated from 2008 samples. In 2006, the Northwest Stepovak Section harvest was 5,680 fish including 3,867 fish from the Chignik reporting group, and 1,385 fish from the East of WASSIP reporting group. All other harvests were relatively small. The fishery in the Northwest Stepovak Section did not have a harvest rate above 0.5% on any reporting group during 2006. During 2007, the Northwest Stepovak Section harvest was 127 fish including 86 fish from the Chignik reporting group and 31 fish from the East of WASSIP reporting group. The 2007 fishery didn't have a measurable harvest rate on any reporting group. In 2008, 41,914 fish were harvested in the Northwest Stepovak Section including 21,826 fish from the Chignik reporting group, 12,191 fish from the South Peninsula reporting group, and 6,817 fish from the East of WASSIP reporting group. Harvests from all other reporting groups were relatively small. The Northwest Stepovak Section had a harvest rate of 5.6% on the South Peninsula reporting group and 1.4% on the Chignik reporting group. All other reporting groups had a 0% harvest rate.

Southwest Stepovak, Balboa Bay, and Beaver Bay sections

The largest reporting group harvested in the Southwest Stepovak, Balboa Bay, and Beaver Bay sections was variable across years but Chignik and East of WASSIP reporting groups were well represented throughout (Tables 21–23; Figures 8 and 33; Appendices C45–C48). Fishing time was limited in the Southwest Stepovak, Balboa Bay, and Beaver Bay sections during June and most of July from 2006 through 2008, so harvests and harvest rates only cover the late portion of the season. The Southwest Stepovak, Balboa Bay, and Beaver Bay sections harvest in 2006 was 88,943 fish. The Chignik reporting group harvest in 2006 was 45,269 fish, followed by the East of WASSIP reporting group with 43,399 fish. No other reporting groups contributed a large amount to harvests during 2006. The harvest rate on the Chignik reporting group was 2.0% and was the only reporting group harvested in 2006 that had a harvest rate above 0.1%. In 2007, the harvest in Southwest Stepovak, Balboa Bay, and Beaver Bay sections was 73,512 fish. The East of WASSIP reporting group contributed 45,638 fish to the harvest while the Chignik reporting group contributed 27,291 fish to the harvest. Harvests from all other reporting groups were relatively small. A harvest rate of 1.7% on the Chignik reporting group was the only measurable harvest rate during 2007. In 2008, the Southwest Stepovak, Balboa Bay, and Beaver Bay sections harvest was 46,093 fish. Chignik reporting group harvests were the largest in 2008 with 23,742 fish followed by the East of WASSIP reporting group harvest of 16,390 fish. The North Peninsula reporting group harvest was 3,142 fish and all other harvests were small. The harvest rate on Chignik area fish was 1.5% in 2008 and the South Peninsula harvest rate was 0.8% with no other reporting groups with harvest rates above 0.1%

South Alaska Peninsula June Fishery

Shumagin Islands Section

In all three seasons, the Bristol Bay reporting group contributed the largest harvest to the Shumagin Islands Section portion of the June fishery, followed by the East of WASSIP reporting

group (Tables 24–26; Figures 9 and 34; Appendices C49–C56). In 2006, the total Shumagin Islands June fishery harvest was 441,238 fish. The harvest of the Bristol Bay reporting group was 231,737 fish while the harvest of East of WASSIP reporting group was 116,288 fish. The harvest of Chignik reporting group was 76,798 fish and all other harvests were relatively small. The Shumagin Islands June fishery had the highest harvest rate on the Chignik reporting group with 3.3%, a harvest rate of 0.8% for South Peninsula reporting group, a harvest rate of 0.5% for Bristol Bay reporting group, and all other harvest rates were below 0.5%. In 2007, the Shumagin Islands June harvest was 852,198 fish, including 752,185 Bristol Bay and 59,668 East of WASSIP reporting group fish. Harvests of other reporting groups were relatively small. The Shumagin Islands June fishery had a harvest rate of 1.6% on the Bristol Bay reporting group, 1.4% on the Chignik reporting group, and 0.6% on the Kuskokwim Bay reporting group. No other harvest rates were above 0.5%. In 2008, 649,005 fish were harvested in the Shumagin Islands June fishery. The Bristol Bay reporting group composed most of the harvest with 516,889 fish followed by the East of WASSIP reporting group with 64,941 fish. The fishery had a harvest rate of 1.9% on the Kuskokwim Bay reporting group, 1.8% on the Chignik reporting group, 1.2% on the Bristol Bay reporting group, and 0.5% on the North Peninsula reporting group.

Dolgoi Islands Area

In the Dolgoi Islands area of the June fishery, some reporting group harvests were relatively constant from 2006 through 2008 while other reporting group harvests varied widely across years (Tables 27–29; Figures 10 and 35; Appendices C57–C65). In 2006, the Dolgoi Island area June fishery harvest was 243,215 fish, 170,920 of which were from the Chignik reporting group. The harvest of the East of WASSIP reporting group fish was 54,578 fish and the harvest of the Bristol Bay reporting group was 16,262 fish. All other harvest reporting groups contributed a relatively small harvest. The harvest rate on the Chignik reporting group was 7.4% and no other reporting groups had harvest rates exceeding 0.5%. In 2007, the Dolgoi Islands area harvest was 80,300 fish. A total of 33,596 East of WASSIP reporting group fish were harvested followed by 27,362 from the Bristol Bay reporting group and 18,226 from the Chignik reporting group. The harvest rate on the Chignik reporting group was 1.1% and was the only harvest rate above 0.5%. In 2008, the total harvest was 35,338 fish with 17,326 coming from the Bristol Bay reporting group, 12,168 fish from the Chignik reporting group, and 5,689 fish from the East of WASSIP reporting group. The only measurable harvest rate in the fishery was 0.8% on Chignik reporting group fish.

Ikatan area

Ikatan area June fishery harvests were dominated by the Bristol Bay reporting group in all years with variable contributions from other reporting groups (Tables 30–32; Figures 11 and 36; Appendices C66–C74). No harvest rates exceeded 0.5% in any year in the Ikatan area of the June fishery. In 2006, 38,838 fish were harvested, 24,518 of which were from the Bristol Bay reporting group. Chignik reporting group harvest was 7,723 fish and East of WASSIP reporting group harvest was 5,020. In 2007, 186,327 fish were harvested in the Ikatan area of the June fishery. The Bristol Bay group accounted for 162,689 fish while all other reporting group harvests were relatively small. In 2008, 183,081 fish were harvested and the Bristol Bay reporting group accounted for 169,300 fish. Harvests from all other reporting groups were relatively small.

Unimak District

Unimak District June fishery harvests were dominated by the Bristol Bay reporting group in all years with variability in other reporting groups (Tables 33–35; Figures 12 and 37; Appendices C75–C83). In 2006, the Unimak District harvest was 209,000 fish. The Bristol Bay reporting group harvest was 125,940 fish (harvest rate of 0.3%), the Chignik reporting group harvest was 50,360 fish (harvest rate of 2.2%), and the East of WASSIP group harvest was 24,316 fish. The harvest of South Peninsula group fish was relatively small (930 fish), with a harvest rate of 0.6%. In 2007, total harvest was 471,015 fish with 407,755 from the Bristol Bay reporting group resulting in a harvest rate on the Bristol Bay group of 0.9%. While harvests from other reporting groups were small relative to Bristol Bay reporting group, they were large enough to have measurable harvest rates. The harvest of the Kuskokwim Bay reporting group was 11,790 fish with a harvest rate of 0.7%, while the harvest of the Chignik reporting group was 11,409 fish with a harvest rate of 0.7%, and harvest of the South Peninsula group was 826 fish with a harvest rate of 0.5%. The harvest of the East of WASSIP group was 29,917. In 2008, Unimak District June harvest was 846,151 fish with 771,919 fish from the Bristol Bay group resulting in a harvest rate on the Bristol Bay group of 1.8%. North Peninsula group harvest was 36,429 fish with a harvest rate of 1.2%, Chignik group harvest was 11,412 fish with a harvest rate of 0.7%, South Peninsula group harvest was 4,950 fish with a harvest rate of 2.2%, and Kuskokwim Bay group harvest was 11,533 fish with a harvest rate of 0.9%.

South Alaska Peninsula Post-June fishery

Shumagin Islands Section

A wide variety of reporting groups was present in the Shumagin Islands post-June fishery during 2006 through 2008 and the dominant harvests were variable between years (Tables 36–38; Figures 13 and 38; Appendices C84–C95). In 2006, the total harvest in the Shumagin Islands Section of the post-June fishery was 366,435 fish with the largest harvest coming from the East of WASSIP reporting group with 196,824 fish. Chignik reporting group harvest was 85,200 fish followed by Bristol Bay reporting group at 61,062 fish. Harvest of other reporting groups were relatively small. The harvest rate on the Chignik reporting group was the largest at 3.7%. While harvests of North Peninsula (20,078 fish) and South Peninsula (2,851 fish) reporting groups were relatively small, the harvest rate of this fishery on those stocks was notable with a North Peninsula harvest rate of 0.6% and a South Peninsula harvest rate of 1.8%. In 2007, the total harvest was 399,508 fish with the dominant harvest from the Bristol Bay reporting group at 219,714 fish and a harvest rate of 0.5%. Harvests from other reporting groups were relatively small; however, some of the harvest rates from those reporting groups were notable. The harvest of Chignik reporting group fish was 34,037 fish with a harvest rate of 2.1% while the harvest of Kuskokwim Bay was 19,388 fish with a harvest rate of 1.2%. The 2007 harvest of the North Peninsula reporting group was 20,586 fish with a harvest rate of 0.6% and the harvest of the South Peninsula reporting group was 1,158 fish with a harvest rate of 0.7%. In 2008, the Shumagin Islands post-June harvest was 234,398 fish. The largest harvest reporting group was the East of WASSIP reporting group with a harvest of 93,699 fish followed by the Chignik reporting group with 63,132 fish and the Bristol Bay reporting group with 41,581 fish. While the harvest of North Peninsula fish was small relative to the rest of the Shumagin Islands harvest with 24,352 fish, the harvest rate was 0.8%. Similarly, the South Peninsula reporting group harvest was relatively small at 9,592 fish, but the harvest rate on the South Peninsula reporting group was 4.4%. The harvest rate on the Chignik reporting group was 4.0%.

Dolgoi Island area

The Dolgoi Island post-June harvest was variable during 2006 through 2008 and the dominant reporting group was variable with Chignik being the largest reporting group in 2006 and 2008 and the East of WASSIP reporting group dominant in 2007 (Tables 39–41; Figures 14 and 39; Appendices C96–C101). In 2006, the Dolgoi Island post-June harvest was 246,221 fish, of which 164,949 were from the Chignik reporting group. The East of WASSIP reporting group harvest was 78,345 fish but all other harvests were relatively small. The harvest rate on the Chignik reporting group was 7.1%. No other harvest rates were above 0%. In 2007, the total harvest was 233,367 fish with the largest harvest from the East of WASSIP reporting group at 134,085 fish. Harvest of the Chignik reporting group was 86,751 fish which resulted in a harvest rate of 5.3%. The harvest and harvest rates of the other reporting groups were relatively small in 2007. In 2008, the Dolgoi Island area post-June fishery harvest was 55,799 fish with 26,376 fish harvested from the Chignik reporting group. The Chignik harvest along with a similar harvest from the East of WASSIP reporting group at 21,496 fish comprised the majority of fish harvested. The harvest rate on the Chignik reporting group was 1.7%. While the harvest of South Peninsula fish was relatively low at 1,308 fish, it resulted in a harvest rate on the South Peninsula reporting group of 0.6%.

Ikatan area

The Ikatan area post-June fishery had a variety of reporting groups contributing to the harvest and the dominant stock was variable across years (Tables 42–44; Figures 15 and 40; Appendices C102–C104). In 2006, the total harvest was 8,824 fish with the largest harvests from the East of WASSIP reporting group with 3,130 fish. The harvest of the Bristol Bay reporting group was 2,573 fish followed by the Chignik reporting group at 1,307 fish and the South Peninsula reporting group at 1,022 fish. The only harvest rate that was above 0.5% was the South Peninsula reporting group with a harvest rate of 0.7%. In 2007, the total harvest was 19,992 fish with the dominant reporting group harvest of 8,858 fish coming from the East of WASSIP reporting group. Bristol Bay reporting group harvest was 4,937 fish followed by the Chignik reporting group with 2,835 fish, the North Peninsula reporting group with 1,840 fish, and the South Peninsula reporting group with 1,303 fish. The South Peninsula reporting group had a harvest rate of 0.8% which was the only reporting group harvest rate above 0.5%. In 2008, the total harvest was 13,842 fish with the largest harvest from the Bristol Bay reporting group at 4,944 fish followed by the East of WASSIP reporting group with 3,169 fish. Harvest of the South Peninsula reporting group was 2,605 fish and harvest of the Chignik reporting group was 2,179 fish. The harvest rate on the South Peninsula reporting group was 1.2% which was the only harvest rate above 0.5%.

North Alaska Peninsula Fishery

Bear River Section

The Bear River Section harvest was dominated by the North Peninsula reporting group during 2006 through 2008 with the largest subregional group being Bear (Tables 45–47; Figures 16 and 41; Appendices C105–C113). The harvest in the Bear River Section in 2006 was 576,552 fish of which 493,449 fish were from the North Peninsula reporting group and 56,329 fish from the Bristol Bay reporting group. The vast majority of fish within the North Peninsula reporting group were from the Bear subregional group (442,294 fish); however, several other stock grouping harvests within the North Peninsula reporting group were large enough to have measurable

harvest rates. The harvest rate of the Bear River Section harvest on the North Peninsula reporting group was 15.3%, but no other harvest rates were above 0.5% at the regional reporting group level. In 2007, the total harvest was 617,402 fish, with 577,093 fish from the North Peninsula reporting group, resulting in a harvest rate on the North Peninsula reporting group of 15.7%. Within the North Peninsula reporting group harvest, Bear reporting group represented the majority of harvest; however, smaller harvests from other stock groupings did result in harvest rates above 0.5% on those stocks. In 2008, harvests occurred only late in the season and were assumed to be 100% Bear reporting group due to the later timing of that stock and the lack of other late-timed stocks in the area. The entirety of the harvest of 417,261 fish was from the Bear subregional reporting group within the North Peninsula reporting group. The harvest rate on Bear River fish was 38.2%.

Three Hills Section

The Three Hills Section harvest was dominated by the North Peninsula reporting group from 2006 through 2008 with the largest subregional group being Bear River (Tables 48–50; Figures 17 and 42; Appendices C114–C119). In 2006, the total Three Hills Section harvest was 153,343 fish, 106,867 of which were from the North Peninsula reporting group. The dominant subregional reporting group harvest within the North Peninsula reporting group was Bear River with 85,071 fish harvested. The harvest of the Bristol Bay reporting group was 41,556 fish with all other reporting group harvests being relatively small. The harvest rate of Three Hills Section harvest on the North Peninsula reporting group was 3.3% which was the only harvest rate above 0.5%. While harvests within the subregional reporting groups were small with the exception of Bear River, harvest rates of several subregional reporting groups were above 0.5%. In 2007, the total harvest was 234,930 fish with the North Peninsula reporting group contributing the largest harvest at 209,178 fish followed by the Bristol Bay reporting group with 20,763 fish. Bear River again composed the largest subregional reporting group harvest with 200,645 fish. The harvest rate on the North Peninsula reporting group was 5.7%. Within the North Peninsula reporting group, the largest harvest rate was on Bear River fish at 12.1% and despite smaller harvests, several other subregional reporting groups had harvest rates above 0.5%. In 2008, harvests occurred only late in the season and were assumed to be 100% Bear River due to the later timing of that stock and the lack of other late-timed stocks in the area. The entirety of the harvest of 123,344 fish was from the Bear River subregional reporting group within the North Peninsula reporting group. The harvest rate on Bear River fish was 11.3%.

Ilnik Section southern statistical area

The harvests in the southern statistical area of the Ilnik Section came from the North Peninsula and Bristol Bay reporting groups in relatively equal amounts from 2006 through 2008 (Tables 51–53; Figures 18 and 43; Appendices C120–C130). In 2006, the total harvest was 776,160 fish with 373,191 fish from the North Peninsula reporting group and 366,210 fish from the Bristol Bay reporting group. Other reporting group harvests were relatively small. Within the North Peninsula reporting group, the Bear River subregional group harvest was the largest with 211,586 fish, but most other reporting groups also had notable harvests. The harvest rate on the North Peninsula reporting group was 11.5% while the harvest rate on the Bristol Bay reporting group was 0.8% and the harvest rate on the Kuskokwim Bay reporting group was 0.5%. Within the North Peninsula reporting group, most subregional groups had harvest rates above 0.5% with the largest harvest rates coming from the Ilnik (29.4%), Sandy (24.9%), and Bear (16.6%) reporting groups. In 2007, the harvest in the southern statistical area of the Ilnik Section was

1,029,873 fish with 514,497 fish from the Bristol Bay reporting group and 487,803 fish from the North Peninsula reporting group. Harvests from other reporting groups were relatively small. The harvest rate on the North Peninsula reporting group was 13.3% and was 1.1% on the Bristol Bay reporting group; all other reporting groups were 0%. Within the North Peninsula reporting group, Bear subregional group had the largest harvest with 268,352 fish with relatively large harvests from Ilnik (92,663 fish) and smaller harvests from all other reporting groups. The largest harvest rate within the North Peninsula reporting group was on Ilnik with a rate of 35.5%, but all reporting groups had harvest rates above 0.5%. In 2008, the total harvest was 348,585 fish with 173,941 fish from the North Peninsula reporting group and 162,912 fish from the Bristol Bay reporting group. The harvest rate on the North Peninsula reporting group was 5.9% and while Kuskokwim Bay reporting group harvest was relatively small (11,253 fish), it resulted in a harvest rate of 0.9% on that reporting group. No other reporting groups had harvest rates above 0.5%. Within the North Peninsula reporting group, the largest harvest was on the Bear subregional group with a relatively large harvest from the Meshik subregional group. The harvest rates were largest on the Ilnik subregional group (10.8%) and the Bear subregional group (10.2%). While harvests were relatively small on most other subregional groups, most harvest rates were above 0.5%.

Ilink Section northern statistical area

The largest harvests in the northern statistical area of the Ilnik Section were from the Bristol Bay reporting group in all years, followed by the North Peninsula reporting group (Tables 54–56; Figures 19 and 44; Appendices C131–C141). In 2006, 541,741 fish were harvested in the northern area of the Ilnik Section with a harvest of 367,493 fish from the Bristol Bay reporting group and 150,176 fish from the North Peninsula reporting group. Harvests from all other reporting groups were relatively small. The harvest rate on the North Peninsula reporting group was 4.6% and the harvest rate on the Bristol Bay reporting group was 0.8%. All other reporting groups had harvest rates less than 0.5%. Within the North Peninsula reporting group, Bear subregional group had the largest harvest with 58,172 fish; however, most other subregional groups contributed substantially to the harvest. The harvest rate on the Ilnik subregional group was the highest at 14.3%, but most subregional groups had notable harvest rates. In 2007, the total harvest was 746,557 fish with 407,925 fish from the Bristol Bay reporting group and 272,706 fish from the North Peninsula reporting group. Harvests from other reporting groups were relatively small. The largest harvest rate was on the North Peninsula reporting group at 7.4% followed by the Kuskokwim Bay and Norton Sound reporting groups, which both had harvest rates of 1.1% despite relatively small harvests. Within the North Peninsula reporting group, the Bear subregional group had the highest harvest at 143,841 fish while the Sandy subregional group had the highest harvest rate at 20.0%. Most other subregional groups also had notable harvests and harvest rates. In 2008, the total harvest was 537,049 fish with 398,481 fish from the Bristol Bay reporting group and 131,561 fish from the North Peninsula group. All other reporting group harvests were relatively small. The harvest rate on the North Peninsula reporting group was the largest at 4.4% followed by the Bristol Bay reporting group at 0.9%. All other reporting groups had harvest rates below 0.5%. Within the North Peninsula reporting group, the Meshik subregional group had the largest harvest with 58,156 fish followed by the Bear reporting group with 57,997 fish. Other subregional group harvests were relatively small. The largest harvest rate within the North Peninsula reporting group was 17.1% on the Meshik reporting group followed by the Bear reporting group at 5.2%. Several other reporting groups also had notable harvest rates.

Outer Port Heiden Section

The fishery in the Outer Port Heiden Section was not open during 2006, but during 2007 and 2008, the Bristol Bay reporting group was the dominant stock, followed by the North Peninsula reporting group (Tables 57–59; Figures 20 and 45; Appendices C142–C147). In 2007, the total harvest was 387,786 fish with 282,061 fish from the Bristol Bay reporting group and 91,991 fish from the North Peninsula reporting group. Harvests from all other reporting groups were relatively small. The harvest rate on the North Peninsula reporting group was the largest at 2.5% followed by the Bristol Bay reporting group at 0.6%. Within the North Peninsula reporting group, the largest harvests came from the Bear (33,714 fish), Meshik (26,140 fish), and Cinder (18,909 fish) reporting groups. The largest harvest rates within the North Peninsula reporting group were on the Meshik reporting group at 11.5%, but there were harvest rates above 0.5% on several subregional groups. In 2008, the total harvest was 321,730—composed of 262,543 fish from the Bristol Bay reporting group and 57,591 fish from the North Peninsula reporting group; harvests from all other reporting groups were relatively small. The harvest rate was highest on the North Peninsula group at 1.9% followed by the Bristol Bay reporting group at 0.6%. All other reporting groups had harvest rates less than 0.5%. Within the North Peninsula reporting group, the Meshik reporting group had the highest harvest with 44,872 fish followed by the Bear (7,128 fish) and Cinder (5,251 fish) reporting groups; all other reporting groups had no harvest. The largest harvest rate in the North Peninsula reporting group was on the Meshik reporting group with 13.3% followed by the Cinder (1.5%) and Bear (0.7%) reporting groups.

Central Region

Bristol Bay Area Fishery

Ugashik District

The majority of harvests in the Ugashik District were from the Bristol Bay reporting group in all years (Tables 60–62; Figures 21 and 46; Appendices C148–C162). In 2006, the total harvest was 2,429,597 fish, with 2,392,509 from the Bristol Bay reporting group, 27,825 from the North Peninsula reporting group, and 9,262 from the Kuskokwim Bay reporting group. The harvest rate on the Bristol Bay reporting group was the largest at 5.5% followed by the North Peninsula (0.9%) and Kuskokwim Bay (0.5%) reporting groups. Within the Bristol Bay reporting group, the largest harvests came from the Ugashik (2,103,104 fish) subregional group, followed by the Egegik (180,775 fish), Kvichak (40,817 fish), and Naknek (37,748 fish) reporting groups. The largest harvest rates within the Bristol Bay reporting group were on the Ugashik reporting group (50.5%) followed by the Egegik reporting group (2.1%) and the Kvichak and Naknek reporting groups (0.7% each). In 2007, the total harvest was substantially larger (5,026,615 fish), with 5,001,014 from the Bristol Bay reporting group and 23,164 from the North Peninsula reporting group. The largest harvest rate was on the Bristol Bay reporting group at 10.6%, followed by the North Peninsula reporting group at 0.6%. Within the Bristol Bay reporting group, the Ugashik subregional group had the highest harvest with 4,250,184 fish, followed by the Egegik (513,071 fish), Kvichak (106,958 fish), Naknek (93,246 fish), Alagnak (41,729 fish), and Igushik (4,427 fish) reporting groups. The largest harvest rate within the Bristol Bay reporting group was on the Ugashik reporting group (53.9%) followed by the Egegik (6.8%), Kvichak (1.8%), Naknek (1.1%), Alagnak (0.9%), and Igushik (0.5%) reporting groups. In 2008, the total harvest was 2,334,022 fish; the largest harvest was from the Bristol Bay reporting group (2,312,506 fish), followed by the Kuskokwim Bay reporting group (15,180 fish). The harvest rate on the Bristol

Bay reporting group was the largest at 5.4%, followed by the Kuskokwim Bay reporting group at 1.2%. Within the Bristol Bay reporting group, the Ugashik subregional group had the highest harvest with 1,832,096 fish, followed by the Egegik (358,024 fish), Kvichak (43,674 fish), Naknek (40,457 fish), and Alagnak (35,306 fish) reporting groups. The largest harvest rate within the Bristol Bay reporting group was on the Ugashik reporting group (57.6%) followed by the Egegik (4.5%), Alagnak (0.8%), Kvichak (0.7%), and Naknek (0.5%) reporting groups.

Egegik District

The majority of harvests in the Egegik District were from the Bristol Bay reporting group, specifically the Egegik subregional reporting group (Tables 63–65; Figure 22 and 47; Appendices C163–C177). In 2006, the total harvest was 7,408,233 fish, with 7,397,000 from the Bristol Bay reporting group followed by 10,313 from the Kuskokwim Bay reporting group. The harvest rate on the Bristol Bay reporting group was the largest at 16.9%, followed by the Kuskokwim Bay group (0.5%). Within the Bristol Bay reporting group, the largest harvests came from the Egegik subregional reporting group (6,412,241 fish), followed by the Ugashik (507,177 fish), Naknek (227,783 fish), Kvichak (158,605 fish), and Alagnak (73,314 fish) reporting groups. The largest harvest rate within the Bristol Bay reporting group was on the Egegik reporting group (74.5%) followed by the Ugashik (12.2%), Naknek (4.3%), Kvichak (2.8%), and Alagnak (2.2%) reporting groups. In 2007, the total harvest was 6,495,908 fish, with 6,478,290 fish from the Bristol Bay reporting group and 16,498 from the Kuskokwim Bay reporting group. The largest harvest rate was on the Bristol Bay reporting group (13.7%), followed by the Kuskokwim Bay reporting group (1.0%). Within the Bristol Bay reporting group, the largest harvests were on the Egegik subregional reporting group (5,015,799 fish), followed by the Kvichak (518,635 fish), Naknek (427,387 fish), Alagnak (245,324 fish), and Ugashik (202,540 fish) reporting groups. The largest harvest rate was on the Egegik subregional group at 66.6%, followed by the Kvichak (8.9%), Alagnak (5.1%), Naknek (4.9%), Ugashik (2.6%), Igushik (1.9%), Togiak (1.0%), and Wood (0.6%) reporting groups. In 2008, the total harvest was 7,403,885 fish, with the largest harvest on the Bristol Bay reporting group (7,388,790 fish) followed by the Kuskokwim Bay reporting group (13,682 fish). The largest harvest rate was on the Bristol Bay reporting group (17.3%), followed by the Kuskokwim Bay reporting group (1.0%). Within the Bristol Bay reporting group, the largest harvests were on the Egegik subregional reporting group (5,358,613 fish), followed by the Naknek (730,498 fish), Kvichak (686,044 fish), Ugashik (300,359 fish), and Alagnak (221,340 fish) reporting groups. The largest harvest rate within the Bristol Bay reporting group was on the Egegik subregional group (67.3%), followed by the Kvichak (10.9%), Ugashik (9.5%), Naknek (8.3%), Alagnak (4.9%), Igushik (1.9%), Nushagak (0.9%), and Wood (0.6%) reporting groups.

Naknek-Kvichak District

The harvests in the Naknek-Kvichak District were dominated by contributions from the three subregional reporting groups that drain into the district (Kvichak, Alagnak and Naknek; Tables 66–68; Figures 23 and 48; Appendices C178–C195). In 2006, the total harvest was 7,150,540 fish with 7,138,829 from the Bristol Bay reporting group followed by 11,085 from the North Peninsula reporting group and small or no contributions from other reporting groups. The harvest rate on the Bristol Bay reporting group was the largest at 16.3%. Within the Bristol Bay reporting group, the largest harvests came from the Naknek subregional reporting group (2,962,182 fish), followed by the Kvichak (2,322,878 fish), Alagnak (1,461,145 fish), and Egegik (291,406 fish) reporting groups. The largest harvest rate within the Bristol Bay reporting

group was on the Naknek reporting group (55.4%), followed by the Alagnak (43.1%), Kvichak (40.9%), Egegik (3.4%), Ugashik (1.1%), and Igushik (0.5%) reporting groups. In 2007, the total harvest was 9,022,511 fish with 9,014,702 from the Bristol Bay reporting group and 6,154 from the Kuskokwim Bay reporting group. The largest harvest rate was on the Bristol Bay reporting group (19.0%). Within the Bristol Bay reporting group, the largest harvests were on the Naknek subregional reporting group (4,726,847 fish), followed by the Kvichak (2,146,599 fish), Alagnak (1,852,336 fish), Egegik (144,811 fish), and Nushagak (89,256 fish) reporting groups. The largest harvest rate was on the Naknek subregional group at 54.4%, followed by the Alagnak (38.3%), Kvichak (36.8%), Nushagak (3.4%), Egegik (1.9%), Igushik (1.1%), and Wood (0.6%) reporting groups. In 2008, the total harvest was 10,381,844 fish, with the largest harvest on the Bristol Bay reporting group (10,358,237 fish) followed by the Kuskokwim Bay reporting group (20,230 fish). The largest harvest rate was on the Bristol Bay reporting group (24.3%), followed by the Kuskokwim Bay (1.5%), and South Peninsula (0.7%) reporting groups. Within the Bristol Bay reporting group, the largest harvest was on the Naknek subregional reporting group (5,227,813 fish), followed by the Kvichak (2,517,895 fish), Alagnak (1,961,095 fish), Egegik (468,007 fish), and Wood (106,578 fish) reporting groups. The largest harvest rate within the Bristol Bay reporting group was on the Naknek subregional group (59.3%), followed by the Alagnak (43.3%), Kvichak (39.9%), Egegik (5.9%), Wood (1.5%), Ugashik (1.5%), and Nushagak (1.4%) reporting groups.

Nushagak District

The harvests in the Nushagak District were dominated by contributions from the three subregional reporting groups that drain into the district (Wood, Nushagak and Igushik; Tables 69–71; Figures 24 and 49; Appendices C196–C211). In 2006, the total harvest was 10,876,357 fish with 10,553,417 from the Bristol Bay reporting group followed by 322,241 from the Kuskokwim Bay reporting group and small or no contributions from other reporting groups. The harvest rate on the Bristol Bay reporting group was the largest at 24.1%, followed by the Kuskokwim Bay reporting group (15.9%). Within the Bristol Bay reporting group, the largest harvests came from the Wood subregional reporting group (8,160,138 fish), followed by the Nushagak (2,029,713 fish), and Igushik (385,889 fish) reporting groups. The largest harvest rate within the Bristol Bay reporting group was on the Nushagak reporting group (76.6%), followed by the Wood (65.3%), and Igushik (51.8%) reporting groups. In 2007, the total harvest was 8,404,111 fish with 8,293,411 from the Bristol Bay reporting group and 109,922 from the Kuskokwim Bay reporting group. The largest harvest rate was on the Bristol Bay reporting group (17.5%), followed by the Kuskokwim Bay reporting group (7.1%). Within the Bristol Bay reporting group, the largest harvests were on the Wood subregional reporting group (6,070,728 fish), followed by the Nushagak (1,867,102 fish), Igushik (273,641 fish), and Togiak (43,659 fish) reporting groups. The largest harvest rate was on the Wood subregional group at 73.0%, followed by the Nushagak (71.7%), Igushik (32.0%), Togiak (4.3%), and Ugashik (0.5%) reporting groups. In 2008, the total harvest was 6,903,156 fish, with the largest harvest on the Bristol Bay reporting group (6,867,535 fish) followed by the Kuskokwim Bay reporting group (34,849 fish). The largest harvest rate was on the Bristol Bay reporting group (16.1%), followed by the Kuskokwim Bay reporting group (2.7%). Within the Bristol Bay reporting group, the largest harvest was on the Wood subregional reporting group (5,004,680 fish), followed by the Nushagak (1,367,973 fish), Igushik (466,590 fish), and Togiak (23,873 fish) reporting groups. The largest harvest rate within the Bristol Bay reporting group was on the Wood subregional

group (68.1%), followed by the Nushagak (65.4%), Igushik (27.0%), and Togiak (3.1%) reporting groups.

Togiak District

The harvests in the Togiak District were dominated by contributions from the Bristol Bay and Kuskokwim Bay reporting groups (Tables 72–74; Figures 25 and 50; Appendices C212–C226). In 2006, the total harvest was 626,442 fish, with 464,651 from the Bristol Bay reporting group followed by 161,611 from the Kuskokwim Bay reporting group and small or no contributions from other reporting groups. The harvest rate on the Kuskokwim Bay reporting group was the largest at 7.9%, followed by the Bristol Bay reporting group (1.1%). Within the Bristol Bay reporting group, the largest harvests came from the Togiak subregional reporting group (454,709 fish) with small or no contributions from other reporting groups. The only harvest rate within the Bristol Bay reporting group greater than 0.1% was the Togiak reporting group (57.2%). In 2007, the total harvest was 816,581 fish, with 635,458 fish from the Bristol Bay reporting group and 181,003 from the Kuskokwim Bay reporting group. The largest harvest rate was on the Kuskokwim Bay group (11.7%), followed by the Bristol Bay group (1.3%). Within the Bristol Bay reporting group, the largest harvests were on the Togiak subregional reporting group (635,119 fish), with small or no contributions from other reporting groups. The largest harvest rate was on the Togiak subregional group at 62.8%. In 2008, the total harvest was 651,315 fish, with the largest harvest on the Bristol Bay reporting group (494,508 fish) followed by the Kuskokwim Bay reporting group at 156,417 fish. The largest harvest rate was on the Kuskokwim Bay reporting group (12.5%), followed by the Bristol Bay reporting group (1.2%). Within the Bristol Bay reporting group, the largest harvest was on the Togiak subregional reporting group (491,172 fish) with small or no contributions from other reporting groups. The largest harvest rate within the Bristol Bay reporting group was on the Togiak subregional group (64.1%).

Arctic–Yukon–Kuskokwim Region

Kuskokwim Area Fishery

District 5

Harvests in District 5 (Goodnews Bay) were dominated in all years by the Kuskokwim Bay reporting group, and specifically the Goodnews River subregional reporting group (Tables 75–77; Figures 26 and 51; Appendices C227–C235). The Bristol Bay reporting group contributed a smaller but substantial component of the harvest, and Norton Sound stocks, while present, were harvested in numbers less than 100 fish each year. In 2006, the District 5 harvest was 29,857 fish which consisted of 19,450 Kuskokwim Bay fish and 10,354 Bristol Bay fish. The District 5 harvest rate was 1.0% on the Kuskokwim Bay reporting group, 0.1% on the Norton Sound reporting group, and 0% on all other reporting groups. The 2007, the District 5 harvest of 43,766 fish consisted of 27,205 Kuskokwim Bay fish and 16,483 Bristol Bay fish. The harvest rate was 1.8% on the Kuskokwim Bay reporting group, 0.1% on the Norton Sound reporting group, and all other harvest rates were 0%. In 2008, District 5 harvests were 27,237 fish, consisting of 16,798 Kuskokwim Bay fish and 10,384 Bristol Bay fish. The harvest rate on the Kuskokwim Bay reporting group was 1.3% and the harvest rate on the Norton Sound reporting group was 0.2%.

District 4

Harvests in District 4 (Quinhagak) were dominated in all years by the Kuskokwim Bay reporting group, and specifically the Kanektok River subregional reporting group, and the Bristol Bay reporting group contributed a consistently small component of the harvest (Tables 78–80; Figures 27 and 52; Appendices C236–C244). In 2006, the District 4 harvest was 106,308, which consisted of 102,844 Kuskokwim Bay fish and 3,460 Bristol Bay fish. The District 4 harvest rate was 5.1% on the Kuskokwim Bay reporting group, and 0% on all other reporting groups. The harvests in 2007 were similar to 2006 with a District 4 harvest of 109,517 fish consisting of 104,128 Kuskokwim Bay fish and 5,347 Bristol Bay fish. The harvest rate was 6.7% on the Kuskokwim Bay reporting group and all other harvest rates were 0%. In 2008, District 4 harvests were 69,743 fish, consisting of 68,145 Kuskokwim Bay and 1,594 Bristol Bay fish. The harvest rate on the Kuskokwim Bay reporting group was 5.4% and all other reporting groups had harvest rates of 0%.

Harvest and Harvest Rates By Area Strata

Harvest and harvest rates by area strata where temporal strata are rolled into area stratum are in Tables 81–101 and Appendices D1–D75.

Harvest and Harvest Rates by Fishery

Harvest and harvest rate by fishery, where area strata are rolled into fishery strata, are in Tables 81–101 and Appendices E1–E21.

Harvest and Harvest Rates across all Fisheries

Harvest and harvest rates by subregional reporting group across all fisheries are in Tables 102 to 104.

Harvest and Harvest Rates by Reporting Group

Harvest and harvest rate by subregional reporting group for area strata are in Appendices F1–F71. Harvest and harvest rates by subreagional regional reporting group for fisheries are in Tables 105–175. Sampling results and proportional stock composition estimates for each fishery can be found in the WASSIP final report for sockeye salmon stock compositions (Dann et al. 2012b). Below we present the results for harvest rates by reporting group.

Norton Sound Regional Reporting Group

Harvest rates for Norton Sound regional reporting group were low in every fishery (Tables 105–107; Figure 53; Appendices F1–F3). Total harvest rates ranged from 1.8% to 4.2% (Tables 102–104). The only harvest rate above 1% for subregional reporting groups was in the Ilnik northern area stratum in 2007 (1.1%). High uncertainty was observed in Bristol Bay Area fishery, although the estimates were low (0.4% to 1.0%). No fishery had more than a 5% harvest rate.

Kuskokwim Bay Regional Reporting Group

Kuskokwim River Subregional Reporting Group

The numerator of the Kuskokwim River subregional reporting group does not include District 1 commercial harvest rate because this was not in the WASSIP plan. The highest harvest rates for Kuskokwim River subregional reporting group were in the Bristol Bay Area fishery (2.0 to 27.4%, Tables 108–110; Figure 54; Appendices F4–F6). This result is likely the result of known

biases in stock composition estimates where Nushagak River fish misallocate to the Kuskokwim River reporting group (small misallocation proportions (0.1% to 7.1%; Tables 77–82 in Dann et al. 2012b) of a large harvests. Total harvest rates ranged from 3.4% to 27.7% (Tables 102–104). The harvest rate for this reporting group in the Kuskokwim Area fishery was low (0.0 to 0.9%).

Kanektok Subregional Reporting Group

The highest harvest rates for Kanektok subregional reporting group were in the Kuskokwim Area fishery (18.6% to 26.8%; Tables 111–113; Figure 55; Appendices F7–F9), followed by the Bristol Bay Area fishery (3.6% to 15.9%). Total harvest rates ranged from 27.5% to 42.5% (Tables 102–104). Harvest rates in other fisheries were below 5%.

Goodnews Subregional Reporting Group

The highest harvest rates for Goodnews subregional reporting group were in the Bristol Bay Area fishery (41.5% to 57.4%), followed by the Kuskokwim Area fishery (4.0% to 5.9%; Tables 114–116; Figure 56; Appendices F10–F12). Total harvest rates ranged from 49.8% to 73.9% (Tables 102–104). Most of the harvest in the Bristol Bay Area fishery was in the Togiak area stratum for all three years. Some of these estimates might be due to misallocation among the Kuskokwim River, Kanektok, Goodnews, Togiak, and Nushagak reporting groups. Harvest rates above 5% of the Goodnews reporting group were also observed in the South Alaska Peninsula June fishery in 2008 (7.3%).

Bristol Bay Regional Reporting Group

Togiak Subregional Reporting Group

The highest harvest rates for Togiak subregional reporting group were in the Bristol Bay Area fishery (Tables 117–119; Figure 57; Appendices F13–F15). Total harvest rates ranged from 60.2% to 73.1% (Tables 102–104). The vast majority of this harvest rate occurred in the Togiak area stratum. Harvest rates in fisheries outside the Bristol Bay Area fishery were below 5%.

Igushik Subregional Reporting Group

The highest harvest rates for Igushik subregional reporting group were in the Bristol Bay Area fishery (Tables 120–122; Figure 58; Appendices F16–F18). Total harvest rates ranged from 38.5% to 58.7% (Tables 102–104). The vast majority of this harvest rate occurred in the Nushagak area stratum. Harvest rates above 5% were observed in the North Alaska Peninsula (6.2%) and South Alaska Peninsula June (7.5%) fisheries in 2007.

Wood Subregional Reporting Group

The highest harvest rates for Wood subregional reporting group were in the Bristol Bay Area fishery (Tables 123–125; Figure 59; Appendices F19–F21). Total harvest rates ranged from 67.8% to 81.5% (Tables 102–104). The vast majority of this harvest rate occurred in the Nushagak area stratum. Harvest rates in fisheries outside the Bristol Bay Area fishery were below 5%.

Nushagak Subregional Reporting Group

The highest harvest rates for Nushagak subregional reporting group were in the Bristol Bay Area fishery (Tables 126–128; Figure 60; Appendices F22–F24). Total harvest rates ranged from 75.9% to 79.6% (Tables 102–104). The vast majority of this harvest rate occurred in the

Nushagak area stratum. The only fishery with a harvest rates at or above 5% was the South Alaska Peninsula June fishery in 2008 (5.0%).

Kvichak Subregional Reporting Group

The highest harvest rates for Kvichak subregional reporting group were in the Bristol Bay Area fishery (Tables 129–131; Figure 61; Appendices F25–F27). Total harvest rates ranged from 45.9% to 56.2% (Tables 102–104). The majority of this harvest rate occurred in the Naknek-Kvichak area stratum, although 8.9% (2007) to 10.9% (2008) of the harvest rate occurred in the Egegik area stratum. Harvest rates in fisheries outside the Bristol Bay Area fishery were below 5%.

Alagnak Subregional Reporting Group

The highest harvest rates for Alagnak subregional reporting group were in the Bristol Bay Area fishery (Tables 132–134; Figure 62; Appendices F28–F30). Total harvest rates ranged from 47.5% to 51.8% (Tables 102–104). The majority of this harvest rate occurred in the Naknek-Kvichak area stratum, although about 5% of the harvest rate occurred in the Egegik area stratum in 2007 and 2008. Harvest rates in fisheries outside the Bristol Bay Area fishery were below 5%.

Naknek Subregional Reporting Group

The highest harvest rates for Naknek subregional reporting group were in the Bristol Bay Area fishery (Tables 135–137; Figure 63; Appendices F31–F33). Total harvest rates ranged from 63.0% to 71.7% (Tables 102–104). The majority of this harvest rate occurred in the Naknek-Kvichak area stratum, although about 5% (2007) to 8% (2008) of the harvest rate occurred in the Egegik area stratum. Harvest rates in fisheries outside the Bristol Bay Area fishery were below 5%.

Egegik Subregional Reporting Group

The highest harvest rates for Egegik subregional reporting group were in the Bristol Bay Area fishery (Tables 138–140; Figure 64; Appendices F34–F36). Total harvest rates ranged from 80.9% to 84.1% (Tables 102–104). The majority of this harvest rate occurred in the Egegik area stratum, although 6.8% of the harvest rate occurred in the Ugashik area stratum in 2007. In 2008 5.9% of the harvest occurred in the Naknek-Kvichak area stratum and 5.1% of the harvest occurred in the South Alaska Peninsula June fishery.

Ugashik Subregional Reporting Group

The highest harvest rates for Ugashik subregional reporting group were in the Bristol Bay Area fishery (Tables 141–143; Figure 65; Appendices F37–F39). Total harvest rates ranged from 66.6% to 81.0% (Tables 102–104). The majority of this harvest rate occurred in the Ugashik area stratum, although 12.2% (2006) and 9.5% (2008) of the harvest rate was taken in the Egegik area stratum. Between 6.5% and 10.9% and of the harvest rate occurred in the North Alaska Peninsula fishery across the three years.

North Alaska Peninsula Regional Reporting Group

Cinder Subregional Reporting Group

The highest harvest rates for Cinder subregional reporting group were in the North Alaska Peninsula fishery (Tables 144–146; Figure 66; Appendices F40–F42). Total harvest rates ranged from 11.6% to 29.3% (Tables 102–104). All area strata within this fishery accounted for at least

0.6% of the harvest rate in at least one of the years. The only fishery with a harvest rate greater than 5% was the Bristol Bay Area fishery (5.5% in 2006).

Meshik Subregional Reporting Group

The highest harvest rates for Meshik subregional reporting group were in the North Alaska Peninsula fishery (Tables 147–149; Figure 67; Appendices F43–F45). Total harvest rates ranged from 13.7% to 43.4% (Tables 102–104). All area strata within this fishery accounted for at least 0.4% of the harvest rate in at least one of the years. The Ilnik northern, Ilnik southern, and Outer Port Heiden area strata had the highest harvest rates. Harvest rates in fisheries outside the North Alaska Peninsula Area fishery were below 5%.

Ilnik Subregional Reporting Group

The highest harvest rates for Ilnik subregional reporting group were in the North Alaska Peninsula fishery (Tables 150–152; Figure 68; Appendices F46–F48). Total harvest rates ranged from 21.5% to 55.7% (Tables 102–104). The Ilnik southern, and secondarily, Ilnik northern area strata, accounted for most of the harvest rates. Harvest rates in fisheries outside the North Alaska Peninsula fishery were below 5%.

Sandy Subregional Reporting Group

The highest harvest rates for Sandy subregional reporting group were in the North Alaska Peninsula fishery (Tables 153–155; Figure 69; Appendices F49–F51). Total harvest rates ranged from 23.3% to 59.1% (Tables 102–104). Ilnik southern, Ilnik northern, and Bear River area strata accounted for most of the harvest rate. The Sandy reporting group harvest rates above 5% were also seen in South Alaska Peninsula June fishery (11.0% in 2008) and Bristol Bay Area fishery in 2006 (5.7%), specifically the Ugashik area stratum (5.1%).

Bear Subregional Reporting Group

The highest harvest rates for Bear subregional reporting group were in the North Alaska Peninsula fishery (Tables 156–158; Figure 70; Appendices F52–F54). Total harvest rates ranged from 64.7% to 73.9% (Tables 102–104). The Bear River, and then, Ilnik southern, Three Hills, and Ilnik northern area strata accounted for most of the harvest rate. Harvest rates in fisheries outside the North Alaska Peninsula fishery were below 5%.

Nelson Subregional Reporting Group

The numerator of Nelson subregional reporting group harvest rate does not include terminal harvest because this was not in the WASSIP plan. Total WASSIP harvest rates ranged from 4.9% to 14.8% (Tables 159–161; Figure 71; Tables 102–104). The highest harvest rates for the Nelson subregional reporting group were in the North Alaska Peninsula fishery (Figure 71; Appendices F55–F57). All North Peninsula area strata, except Outer Port Heiden, had harvest rates above 1.3% for at least one year. Harvest rates in fisheries outside the North Alaska Peninsula fishery were below 5%.

Northwestern District-Black Hills Subregional Reporting Group

The numerator of Northwestern District-Black Hills subregional reporting group harvest rate does not include terminal harvest because this was not in the WASSIP plan. Total WASSIP harvest rates for Northwestern District-Black Hills subregional reporting group were low in every WASSIP fishery (Tables 162–164; Figure 72; Appendices F58–F60). Total WASSIP

harvest rates ranged from 1.2% to 2.6% (Tables 102–104). No WASSIP fishery accounted for more than 2.1% of the harvest rate for this reporting group.

South Alaska Peninsula Regional Reporting Group

Harvest rates for South Alaska subregional reporting group were low in every fishery (Tables 165–167; Figure 73; Appendices F61–F63). Total harvest rates ranged from 4.7% to 21.7% (Tables 102–104). The South Alaska Peninsula June fishery had harvest rates between 0.6% and 2.4%. The South Alaska Peninsula post-June fishery had harvest rates between 1.8% and 6.2%. In 2008, the SEDM fishery had a harvest rate of 6.4%.

Chignik Regional Reporting Group

Black Lake Subregional Reporting Group

The highest harvest rates for Black Lake subregional reporting group were in the Chignik Area fishery followed by the South Alaska Peninsula June and post-June fisheries (Tables 168–170; Figure 74; Appendices F64–F66). Total harvest rates ranged from 45.9% to 72.6% (Tables 102–104). In the Chignik Area fishery, harvest rates were between 34.8% and 39.7%, whereas the South Peninsula June fishery had harvest rates between 6.8% and 22.3% and the South Peninsula post-June fishery had harvest rates between 1.3% and 8.0%.

Chignik Lake Subregional Reporting Group

The highest harvest rates for Chignik subregional reporting group were in the Chignik Area fishery followed by the South Alaska Peninsula post-June and SEDM fisheries (Tables 171–173; Figure 75; Appendices F67–F69). Total harvest rates ranged from 61.1% to 69.4% (Tables 102–104). In the Chignik Area fishery, harvest rates were between 35.0% and 52.5%, whereas the South Peninsula post-June fishery had harvest rates between 9.6% and 15.0% and SEDM had harvest rates between 5.5% and 10.3%.

DISCUSSION

HARVEST RATES

Most genetic stock identification studies for salmon in Alaska limit reporting to calculated stock proportions in the sampled fishery strata. The extension of estimated genetic stock proportions in WASSIP fisheries to stock-specific harvest rates represents a broader application of genetic stock identification than first envisioned for the WASSIP study. Estimation of harvest rates provides a fundamentally different view of stock-specific fishery impacts, but requires detailed assessments of harvest and escapement for WASSIP fishery stocks, with explicit statements of uncertainties associated with each. However, when considering harvest rates, it is important to recognize that they are likely overestimates of true harvest rates. This is because our estimates of stock-specific escapement are almost certainly biased low (see Eggers et al. 2012) and we are also unable to account for harvest of WASSIP stocks outside of the WASSIP area. Each of these contributes to estimates of stock-specific total runs (denominator in harvest rate calculations) that are biased low, which results in harvest rate estimates which are biased high. While stock-specific harvests and harvest rates have been estimated for Bristol Bay sockeye salmon (Dann et al. 2009; Dann et al. 2011), these estimates were based upon a much more limited geographic range of fishery sampling, robust stock assessment, and a greatly reduced genetic baseline relative to WASSIP.

SUMMARY STATISTICS

Significant digits

When estimating stock-specific harvest using mixed-stock analysis it is important to consider uncertainty in the estimate. This uncertainty is driven by uncertainty in the underlying components: stock proportions and harvest numbers. In some situations, significant figures (the digits which carry meaning contributing to precision) are applied to avoid overrepresenting the precision of a measurement. After some discussion with the Technical Committee and a search of the literature, it became clear that no standard method was available to determine the number of significant figures for estimates of this kind given the wide range of uncertainty associated with component variables. Instead, in addition to the best point estimate, we provided credibility intervals, coefficients of variation (CVs), and/or standard deviations (SDs) to provide guidance on uncertainty associated with each estimate. We recommend using the width of the 90% credibility interval relative to the magnitude of the point estimate as a good measure of the certainty of the estimate.

Median

Misallocation to reporting groups that are either absent or at low proportions within mixture samples (i.e., catch samples) occurs with MSA when the discriminant methods do not produce perfect identifiably (Pella and Milner 1987; Xu et al. 1994; Pella and Masuda 2001). Small misallocations for catch strata that represent large harvests can result in large numbers of misallocated fish (large bias). Large numbers of misallocated fish to reporting groups with small total returns across many strata, as occurs in WASSIP, can result in an erroneously high estimate of harvest rate. Estimating harvest throughout WASSIP fisheries for reporting groups with small total returns was of specific interest to the Advisory Panel.

This bias exists because allocations to reporting groups cannot be less than zero. Therefore posterior distributions for stocks that are not present in the sample are necessarily skewed to the right, with most values accumulated near zero. This bias can be affected by genetic similarity, because the less genetic differentiation among reporting groups, the more and larger the misallocations will be. These misallocations were observed in tests of the baseline where samples from one reporting group (known-origin samples) were used as a mixture and allocated among all reporting groups. Under the standards of WASSIP, mean total misallocation up to 10% into reporting groups that are not represented in the mixture were deemed acceptable (Dann et al. 2012b).

The posterior distribution of these misallocations was highly skewed and the mean was much more sensitive to this skewness than the median because the mean is heavily influenced by extreme values (Habicht et al. 2012b). Pella and Masuda (2001) discuss using other measures of central tendency for stock proportions and proposed alternatives such as the marginal modes or medians. They showed the mode reduced these types of biases; however, we found that the mode produced estimates of zero when the reporting group was present at low (1%) frequencies in the mixture (Jasper et al. 2012). Missing contributions of low, but present stocks was also important to the Advisory Panel. As a result, the Advisory Panel, in consultation with the Technical Committee, chose the median as the appropriate measure that would best describe the point estimate for harvest and harvest rate for the objectives of WASSIP.

Adjusted median

Although marginal medians are less biased than the means, especially for small proportions, they do not behave as well as the mean when performing secondary statistics, such as adding up component values to derive total values. The mean is therefore also provided in the appendices so that researchers can use these data for secondary calculations. Unlike the mean, the marginal medians do not sum to the total harvest, so we adjusted the medians to match the reported harvest. The adjustments are provided in the footnotes on each table and generally varied from 1.00% to 1.03%. In other words, the medians were adjusted upward by between 0% and 3% across reporting groups to come up with the adjusted medians. This adjustment does not solve all the summation discrepancies, because the adjustments are made at different reporting group levels and therefore adjusted medians from one level will not sum to the total median at another level. This phenomenon is observed when comparing medians for subregional reporting groups to medians for regional reporting groups. Component means, on the other hand, should always sum to the total means (except see *Quirks regarding distributional statistics*, below). It is important to note that the adjusted median is used only for reporting purposes and was not used in the calculation of any other statistic, such as harvest rate.

$P = 0$

One measure the Advisory Panel suggested was a statistic that would inform the reader regarding the likelihood that an allocation was actually zero. The Technical Committee advanced the idea of providing the proportion of the posterior distribution estimates that fell below 0.0000005 for proportion estimates (which would round to 1 in 1 million fish) and below 1 fish for harvest estimates. This statistic was termed $P = 0$ and the value can be loosely interpreted as the probability the estimate is really zero. However, a more precise interpretation is that this statistic is the best value we can assign to the probability that a stock is absent, given the observed samples. Repeating the sampling events would potentially produce different, but likely comparable, values for these quantities.

Quirks regarding distributional statistics

The Advisory Panel wanted to make sure that the uncertainty associated with estimates was well characterized so that interpretation could take that uncertainty into account. For this reason, we incorporated not only uncertainty in stock composition estimates, as is regularly done, but also uncertainty in commercial and subsistence harvest numbers, and in escapement estimates. The distributions of these uncertainties are best reflected by the empirical Monte Carlo distribution of the estimate. Therefore, to derive the point estimates and the uncertainty measures (i.e., 90% CI, SD), we added, multiplied or divided Monte Carlo distributions by iteration to come up with another distribution from which to derive point estimates. The estimates are not the same as estimates produced by simply dividing or multiplying the point estimates of the distributions, especially for variables with high uncertainty and skewed distributions. These particular phenomena can be observed in the harvest rate calculations where dividing the point estimate (mean) of the harvest by the point estimate (mean) of the total run does not always produce the same point estimate (mean) of harvest rate as the harvest rate estimated using the full Monte Carlo distributions. For example, for Kanektok reporting group, dividing the harvest from Appendix D73 (101,225 fish) by the total run from Table 3 (495,525 fish) results in a harvest rate of 20.4%, while the harvest rate in Appendix D73, which is calculated from the Monte Carlo distributions, is 22.4%. These discrepancies are easily explained by the simple fact that the mean

of an inverse differs from the inverse of a mean. These differences in harvest rate estimates can vary from zero, for reporting groups with low uncertainty in component variables, to 3% for reporting groups with high component uncertainty.

VARIABILITY AND MAKING INFERENCES WITHIN AND OUTSIDE OF WASSIP YEARS

Like most other scientific studies, WASSIP analyses represent environmental and fishery conditions during a specific period of time. Nonetheless, these studies are conducted so that future scientific and policy activities may be better informed. We expect that WASSIP results will be cited for many years to come as the most comprehensive data set available to examine stock composition of sockeye and chum salmon in commercial and subsistence fisheries of Western Alaska. However, while this three-year data set provides some measure of interannual variability in stock composition, some caution must be exercised when extrapolating the results to years not analyzed because changes in relative abundance among reporting groups, prosecution of fisheries, or migratory behavior due to ocean conditions might affect distribution of stock-specific harvests among fisheries.

Results from this three-year study period reveal both very consistent stock-specific harvest and harvest rate patterns as well as highly variable results. For example, in the Dolgoi Island area June area stratum of the Alaska Peninsula Area (Tables 27–29; Figures 10 and 35; Appendices D22–D24), the harvest of the Chignik Area reporting group was 170,920 fish in 2006 and fell to 18,226 in 2007 and 12,168 in 2008. Most of this variation was the result of much higher harvest in the Dolgoi Island area in 2006 compared with the other two years, but some was also due to the differences in stock composition of the catches. This variation in Chignik Area reporting group harvest translated to variation in the harvest rates among years for this reporting group; harvest rate in 2006 was 7.4%, whereas in 2007 it was 1.1% and in 2008 it was 0.8%. On the other hand, Egegik District area stratum within the Bristol Bay Area showed much more consistent harvests and harvest rates for the Egegik subregional reporting group (Tables 63–65; Figures 22 and 47; Appendices D58–D60). Egegik subregional reporting group harvests ranged from 5,015,799 to 6,412,241 fish and harvest rates ranged from 66.6% to 74.5%. These comparisons highlight that even this extensive data set over three years may provide limited insight into inter-annual stability of stock composition within fisheries. Longer-term variation in salmon productivity and migratory behavior (Thompson et al. 1992; Hodgson et al. 2006) resulting from decadal scale environmental change, (e.g., Pacific Decadal Oscillation; Mantua et al. 1997) should be considered when extrapolating results from years sampled in WASSIP.

EVALUATING WASSIP SUCCESS

Crafting and modifying fisheries regulations in Alaska occurs within the Alaska Board of Fisheries process, where public involvement and stakeholder participation is a guiding principle. To some extent, regulatory and allocative decisions based upon scientific data will always be made in recognition of uncertainties associated with that data. Use of *best available science* has become part of our common lexicon in the regulatory arena.

Despite a number of previous studies, for more than two decades the Alaska Board of Fisheries and stakeholders have recognized the need for better information to address specific allocation and conservation concerns for sockeye and chum salmon fisheries in Western Alaska. Particular concern has been repeatedly raised about catches of Western Alaska chum and sockeye salmon

in fisheries targeting sockeye salmon near False Pass on the Alaska Peninsula, in June. Unfortunately, despite a number of well-intended efforts which did produce useful results, no assemblage of previous data could comprehensively and satisfactorily address fundamental questions about stock-specific harvests of chum and sockeye salmon in Western Alaska fisheries. As a result, regulatory decisions designed to address allocation and conservation concerns swung widely between board cycles, sometimes based upon dubious interpretations of limited data.

Born from frustration with this state of affairs, WASSIP provided a framework for representatives from all affected stakeholders in Western Alaska to collectively design a scientific study that would effectively address critical information gaps, using comprehensive sampling of regional fisheries and modern methods of genetic stock identification as a foundation. There were many skeptics who doubted the efficacy of this stakeholder driven science process, but also broad recognition that unless consensus on design and execution could be reached, there remained little hope of basing future regulatory decisions on objective scientific data accepted by all parties. WASSIP provided opportunity for representatives of major regional fishery interests to design the science that would inform regulatory decisions they must live with.

The question will frequently be asked as to how successful WASSIP was in fulfilling expectations of stakeholders and the public after eight years and more than $6 million spent. Obviously, it will take several more years to see how data generated by the project can be used to address long-standing issues, and like many broadly inclusive processes, the answer will partly depend upon where one stands. However, some success can be measured now. While scores of individuals have stewarded WASSIP over the years, all signatories remained at the table to complete the project, despite major disagreements and a clear understanding that any signatory could withdraw from the MOU at any time. The failure of WASSIP to better distinguish Western Alaska chum stocks from Bristol Bay to Norton Sound partially negated a foundational interest for some AYK stakeholders, yet they remained committed and engaged. An unprecedented sampling effort for chum and sockeye occurred across Western Alaska, encompassing more than 3,000 km of coastline and collecting in excess of 300,000 samples from subsistence and commercial fisheries. Major expansions of genetic baselines, and increased number of genetic markers for both species were realized, also providing ancillary benefits beyond WASSIP. Extending estimates of stock proportions in harvests to stock-specific harvest rates represents a fundamental shift in how genetic stock identification data is viewed in assessing fishery impacts. In order to accomplish this, escapements of chum and sockeye throughout Western Alaska were estimated, while explicitly recognizing uncertainty associated with those estimates. Significant effort was expended to more precisely estimate stock contributions at very low levels.

While specific benefits of WASSIP data in addressing difficult stakeholder issues remain to be seen, it is important to understand that the many genetic and biometric advances achieved in the project, coupled with the astounding magnitude of sampling efforts, will contribute to our basic understanding of Western Alaska chum and sockeye populations for many years to come. Stock contributions to WASSIP fisheries will provide valuable insight to our knowledge of seasonal distribution and migration pathways for both species. Harvest compositions will likely contribute to improved brood tables and a better understand of productivity for some stocks, vital for better informing management decisions and establishing escapement goals. Expanded genetic baselines will provide a better foundation for understanding population structure, which not only

contributes to improved application of genetic methods to fishery management, but potentially a more informed picture of evolutionary history of these populations. Each of these contributions, practical and purely scientific, adds important value to a study that will undoubtedly be referenced for decades to come.

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TABLES

Table 1.–Summary of historical tagging studies of sockeye salmon in the WASSIP fishing areas. Included are the area released; number and time period of releases; and number of recoveries in fisheries in the release area, fisheries in South Alaska Peninsula outside of release area, and fisheries and escapement distant to the area of release.

				Recaptures																
				Local Fisheries			Distant Fisheries or Escapement													
Year	Fishery	Date(s) of Release	Number Released	Local Fishery	South Unimak to Pavlof Bay Fishery	Shumaghin Island and SEML	Norton Sound	Kuskokwim	Togiak	Nushagak	Naknek/Kvichak	Egegik	Ugashik	North Peninsula	South Peninsula	Chignik	Kodiak	Cook Inlet	East of Cook Inlet
1922	Ikatan[a]	13 Jun to 10 Jul	2500	402					1		7	18	4	3	19					
1922	Bear River District[a]	26 to 30-Jun	639	174																
1922	Shumagin Islands[a]	30 Jun	861	1	52						2	10	1	1		1			4	
1923	Shumagin Islands[b]	27 Jun	859	8	162						8	66	8	11			3	1	1	
1923	Shumagin Islands[b]	26 to 30 Jun	3432	90	526				3		47	231	21	19	17	2	11	4	3	
1923	Ikatan[b]	18 Jun to 2 Jul	3593	1168					1		22	150	19	3	36					
1923	Ikatan[b]	8 to 20 Jul	2097	706							7	116	16	3	13	36				
1925	Bear River District[c]	1–7 Jul	2000	529								1								
1939	Shumagin Islands[d]	5–17 Jun	2080	302	140		22		1		29	10	1	1	2		50	9		
1939	S. Unimak/Ikatan[d]	5–17 Jun	2495	793			6		4		58	35	3	5	16					
1939	Ikatan[d]	5–17 Jun	2495	85	46							1			1					
1939	SW Stepovak[d]	12–16 Jun	854	83	32		70					8					75	1		
1961	E. Stepovak[e]	17–25 Jun	130	3													14	1	1	
1956	S. Unimak/Ikatan[f]	19 Jun to 1 Jul	376	1								7	1							
1957	S. Unimak/Ikatan[f]	27–29 May	76									4								
1961	S. Unimak/Ikatan[g]	19 Jun to 12 Jul	1318	26						1		39	13		2		22	1		
1987	S. Unimak/Ikatan[h]	7 Jun to 1 Jul	5442	192	54		10	1	4	13	224	376	292	103	100		39	6	2	1
1987	Shumagin Islands[h]	6 Jun to 2 Jul	1545	20	121		8			3	32	50	34	13	25		59	17	2	
1949	Chignik Bay District[i]	27–28 Jun	495	4												2	187			
1952	Chignik Bay District[i]	22 Jun	399	244								1				2		1		
1963	Central District[j]	7 Jul	114	23																
1967	Central District[j]	10 Jun, 22 Jul	847	269								1				2				

-continued-

Table 1. Page 2 of 2.

				Recaptures															
				Local Fisheries			Distant Fisheries or Escapement												
Year	Fishery	Date(s) of Release	Number Released	Local Fishery	South Unimak to Pavlof Bay Fishery	Shumaghin Island and SEML	Norton Sound	Kuskokwim	Togiak	Nushagak	Naknek/Kvichak	Egegik	Ugashik	North Peninsula	South Peninula	Chignik	Kodiak	Cook Inlet	East of Cook Inlet
1969	Eastern District[k]	20–21 Jun	208	1							1					6		1	
1969	Central District[k]	22 Jun	36													2			
1969	Western District[k]	23 Jun	125							2	1		1	1					

[a] Gilbert (1923)
[b] Gilbert and Rich (1925)
[c] Rich (1926)
[d] Shaul (2005)
[e] Lall et al. (1962)
[f] Hartt (1962)
[g] Thorsteinson and Merrell (1964)
[h] Eggers et al. (1991)
[i] Thorsteinson (1956)
[j] Lechner (1969)
[k] ADF&G (1979)

Table 2.–Summary of proxy stock composition estimates that will be used for strata with no or too few samples for sockeye salmon harvested in WASSIP area.

Fishery	Area Stratum	Year	Temporal Stratum	Period	Proxy Stock Composition
Chignik	Eastern District[a]	2006	1	6/15–25	NA
		2007	1	6/25–7/5	NA
		2008	1	6/28	NA
SEDM	NW Stepovak	2006	3	8/10–23	2008, temporal stratum 3
	Section	2007	3	8/6–16	2008, temporal stratum 3
South Pen.	Ikatan area	2008	1	6/7–13	2008, temporal stratum 2
June	Unimak District	2006	3	6/22–23	2007 & 2008 temporal stratum 3
South Pen.	Shumagin Is. Sect.	2006	Late Catch [b]	8/3–20	2007 & 2008 temporal stratum 4
post-June	Dolgoi Island area	2006	Late Catch [b]	8/1–15	2006, temporal stratum 1
	Ikatan area [c]	2006	1	7/6–31	2007 & 2008 temporal stratum 1
North	Bear River Section	2007	1	6/11–13	2007, temporal stratum 2
Peninsula	Three Hills Section	2007	3	7/15–31	2006, temporal stratum 3
Bristol Bay	Togiak District	2006	3	7/11–7/16	2007 & 2008 temporal stratum 3
		2006	4	7/17–7/21	2007 & 2008 temporal stratum 4
Kuskokwim	District 5	2006	2	7/5–17	2007, temporal stratum 2
	Commercial	2006	3	7/19–9/1	2007, temporal stratum 3
		2008	1	6/19–7/1	2006 & 2007 temporal stratum 1
		2008	2	7/5–16	2007, temporal stratum 2
		2008	3	7/21–8/29	2007, temporal stratum 3

[a] Eastern District sockeye salmon harvest was dropped from genetic analysis for all years.

[b] Samples for Late Catch strata were collected in 2007 and 2008.

[c] 2006 Ikatan area temporal stratum 1 was dropped from genetic analysis because of small sample size.

TABLES 3–5: TOTAL ANNUAL RUN BY SUBREGIONAL REPORTING GROUP

Table 3.–Components and estimates of the total run for sockeye salmon by subregional reporting group for the Western Alaska Salmon Stock Identification Program, 2006. Components include reporting group-specific means and CVs of: commercial harvest for fisheries included in the Program sampling plan; subsistence harvest not in the sampling plan; and escapement. Estimates of the total run include: median, 90% credibility interval, mean, SDand CV.

Reporting Group		Harvest				Escapement[a]		Total Run					
		WASSIP Commercial[b]		Subsistence[a,c]					90% CI				
Regional	Subregional	Mean	CV	Mean	CV	Mean	CV	Median	5%	95%	Mean	SD	CV
Norton Sound		2,946	1.68	9,588	0.10	64,313	0.07	76,043	68,146	87,805	76,847	6,730	0.09
Kuskokwim Bay	Kuskokwim R.[d]	299,355	0.31	47,779	0.10	696,398	0.07	1,047,818	896,159	1,244,214	1,056,151	105,984	0.10
	Kanektok	124,849	0.12	3,128	0.10	367,548	0.54	452,332	267,021	870,228	495,525	198,080	0.40
	Goodnews	237,496	0.21	1,058	0.10	261,526	0.52	474,353	320,318	766,005	500,080	143,750	0.29
Bristol Bay	Togiak	476,252	0.06	2,376	0.10	312,168	0.05	790,109	740,462	843,098	790,796	31,347	0.04
	Igushik	440,051	0.19	1,670	0.10	304,988	0.05	741,526	617,455	892,938	746,709	84,543	0.11
	Wood	8,423,461	0.03	2,400	0.10	4,006,243	0.05	12,429,772	11,904,890	12,970,457	12,432,105	323,893	0.03
	Nushagak	2,080,403	0.08	10,455	0.10	548,280	0.10	2,636,122	2,365,848	2,920,756	2,639,139	168,492	0.06
	Kvichak	2,598,295	0.04	593	0.10	3,067,756	0.05	5,664,042	5,363,902	5,976,733	5,666,645	186,475	0.03
	Alagnak	1,605,431	0.05	33	0.09	1,774,241	0.05	3,377,992	3,189,271	3,575,407	3,379,704	117,323	0.03
	Naknek	3,358,932	0.04	19,244	0.10	1,952,671	0.05	5,328,666	5,066,357	5,601,226	5,330,846	162,301	0.03
	Egegik	7,130,634	0.03	1,641	0.10	1,464,684	0.05	8,592,380	8,210,052	9,001,114	8,596,959	240,370	0.03
	Ugashik	3,121,503	0.06	962	0.10	1,002,924	0.05	4,131,987	3,821,907	4,416,764	4,125,389	181,844	0.04
North Peninsula	Cinder	67,124	0.22	NA	NA	248,770	0.54	286,987	160,607	568,545	315,894	133,887	0.42
	Meshik	50,849	0.29	0	0.00	351,470	0.54	360,450	183,901	760,607	402,318	189,016	0.47
	Ilnik	117,673	0.11	NA	NA	111,496	0.22	227,008	188,008	277,297	229,169	27,368	0.12
	Sandy	69,009	0.15	NA	NA	48,041	0.18	116,453	96,279	140,103	117,050	13,373	0.11
	Bear	813,465	0.03	326	0.10	445,164	0.07	1,258,057	1,200,583	1,320,216	1,258,955	36,421	0.03
	Nelson[e]	88,302	0.12	326	0.10	249,578	0.11	592,162	541,783	649,379	593,474	32,707	0.06
	NW Dist.-BH[f]	4,697	0.66	2,238	0.10	266,345	0.54	314,558	182,146	617,436	346,555	144,090	0.42
South Peninsula		11,251	0.75	7,259	0.10	152,215	0.53	152,728	76,688	325,521	170,725	81,464	0.48
Chignik	Black Lake	976,158	0.02	2,743	0.10	366,448	0.04	1,345,074	1,306,163	1,385,302	1,345,349	24,084	0.02
	Chignik Lake	583,778	0.03	2,765	0.10	368,877	0.05	955,085	913,990	997,865	955,420	25,519	0.03

Note: Total run means and medians can be used to evaluate symmetry of posterior distribution. Total run mean is the sum of the harvest (including terminal and inriver harvest) and escapement means.

NA = No subsistence harvest reports available for these areas; therefore subsistence harvest (if any) is unknown.

[a] Means and CV of simulated data sampled from lognormal distributions; therefore, they may differ from those reported in the escapement report and subsistence harvest appendices in this report.

[b] Harvest from area strata included in the WASSIP sampling plan. Does not include 54,491 fish harvested in WASSIP fisheries but from strata where stock composition was not estimated .

[c] Subsistence harvest adjusted, where possible, to not include harvest above assessment projects and already accounted for in escapement estimate.

[d] Kuskokwim River reporting group includes 12,618 inriver commercial harvest of sockeye salmon in District 1 commercial fishery, Kuskokwim River; CV = 0.05.

[e] Nelson reporting group total run includes 255,265 terminal harvest of sockeye salmon in Nelson Lagoon section, Northern District; CV = 0.05.

[f] Northwestern District/Black Hills reporting group total run includes 73,275 terminal harvest of sockeye salmon in Northwestern and Unalaska districts, and Black Hills section of Northern District; CV = 0.05.

Table 4.–Components and estimates of the total run for sockeye salmon by subregional reporting group for the Western Alaska Salmon Stock Identification Program, 2007. Components include reporting group-specific means and CVs of: commercial harvest for fisheries included in the Program sampling plan; subsistence harvest not in the sampling plan; and escapement. Estimates of the total run include: median, 90% credibility interval, mean, SDand CV.

Reporting Group		Harvest				Escapement[a]		Total Run					
		WASSIP Commercial[b]		Subsistence[a,c]					90% CI				
Regional	Subregional	Mean	CV	Mean	CV	Mean	CV	Median	5%	95%	Mean	SD	CV
Norton Sound		6,836	1.60	8,798	0.10	52,930	0.06	65,371	58,759	92,720	68,563	11,450	0.17
Kuskokwim Bay	Kuskokwim R.[d]	45,064	0.63	51,781	0.10	506,647	0.56	540,461	280,397	1,148,670	604,194	286,212	0.47
	Kanektok	216,325	0.24	1,755	0.10	327,795	0.05	537,956	469,312	647,830	545,875	55,524	0.10
	Goodnews	296,216	0.12	998	0.10	148,687	0.52	432,210	337,333	600,411	445,901	83,978	0.19
Bristol Bay	Togiak	736,233	0.04	2,025	0.10	269,762	0.05	1,007,492	952,449	1,065,525	1,008,020	34,432	0.03
	Igushik	438,043	0.21	1,999	0.10	415,149	0.05	851,289	705,429	1,018,055	855,191	94,995	0.11
	Wood	6,747,645	0.03	4,605	0.10	1,527,525	0.05	8,277,934	7,931,148	8,632,361	8,279,775	213,946	0.03
	Nushagak	2,063,395	0.06	11,868	0.10	517,793	0.10	2,591,720	2,372,260	2,820,339	2,593,056	136,535	0.05
	Kvichak	2,981,175	0.05	1,305	0.10	2,810,162	0.05	5,790,454	5,460,939	6,134,388	5,792,642	204,890	0.04
	Alagnak	2,340,100	0.05	0	0.00	2,465,968	0.05	4,803,148	4,524,638	5,098,303	4,806,068	174,163	0.04
	Naknek	5,670,159	0.04	21,630	0.10	2,944,584	0.05	8,631,999	8,202,691	9,083,026	8,636,373	267,437	0.03
	Egegik	6,086,429	0.05	980	0.10	1,433,250	0.05	7,489,172	7,061,273	8,107,004	7,520,658	314,130	0.04
	Ugashik	5,156,061	0.06	1,055	0.10	2,598,623	0.05	7,780,090	7,176,853	8,236,091	7,755,740	317,863	0.04
North Peninsula	Cinder	129,195	0.13	NA	NA	350,648	0.53	438,832	261,241	835,048	479,843	188,372	0.39
	Meshik	92,925	0.21	0	0.00	144,335	0.53	221,444	141,371	386,629	237,260	79,709	0.34
	Ilnik	144,609	0.10	NA	NA	117,218	0.22	259,404	217,274	314,704	261,826	29,853	0.11
	Sandy	43,319	0.18	NA	NA	44,699	0.04	87,434	75,864	102,222	88,017	8,104	0.09
	Bear[e]	1,217,102	0.03	268	0.10	430,978	0.06	1,647,968	1,582,616	1,716,866	1,648,554	40,862	0.02
	Nelson[f]	89,039	0.10	268	0.10	204,907	0.09	631,150	589,632	675,833	631,716	26,235	0.04
	NW Dist.-BH[g]	8,843	0.38	3,044	0.10	291,457	0.53	322,848	177,774	651,782	357,022	155,643	0.44
South Peninsula		8,184	0.56	6,556	0.10	159,868	0.53	156,204	76,093	336,403	174,607	85,356	0.49
Chignik	Black Lake	309,714	0.04	4,164	0.10	361,104	0.04	674,690	645,604	705,196	674,982	18,104	0.03
	Chignik Lake	672,661	0.02	3,388	0.10	293,903	0.04	969,790	937,498	1,002,924	969,952	19,904	0.02

Note: Total run means and medians can be used to evaluate symmetry of posterior distribution. Total run mean is the sum of the harvest (including terminal and inriver harvest) and escapement means. NA = No subsistence harvest reports available for these areas; therefore subsistence harvest (if any) is unknown.

[a] Means and CV of simulated data sampled from lognormal distributions; therefore, they may differ from those reported in the escapement report and subsistence harvest appendices in this report.

[b] Harvest from area strata included in the WASSIP sampling plan. Does not include 64,343 fish harvested in WASSIP fisheries but from strata where stock composition was not estimated .

[c] Subsistence harvest adjusted, where possible, to not include harvest above assessment projects and already accounted for in escapement estimate.

[d] Kuskokwim River reporting group includes 703 inriver commercial harvest of sockeye salmon in District 1 commercial fishery, Kuskokwim River; CV = 0.05.

[e] Bear reporting group total run includes 206 terminal harvest of sockeye salmon in Port Moller Bight section, Northern District; CV = 0.05.

[f] Nelson reporting group total run includes 337,556 terminal harvest of sockeye salmon in Nelson Lagoon section, Northern District; CV = 0.05.

[g] Northwestern District/Black Hills reporting group total run includes 53,666 terminal harvest of sockeye salmon in Northwestern and Unalaska districts, and Black Hills section of Northern District; CV = 0.05.

Table 5.–Components and estimates of the total run for sockeye salmon by subregional reporting group for the Western Alaska Salmon Stock Identification Program, 2008. Components include reporting group-specific means and CVs of: commercial harvest for fisheries included in the Program sampling plan; subsistence harvest not in the sampling plan; and escapement. Estimates of the total run include: median, 90% credibility interval, mean, SDand CV.

Reporting Group		Harvest				Escapement[a]		Total Run					
		WASSIP Commercial[b]		Subsistence[a,c]					90% CI				
Regional	Subregional	Mean	CV	Mean	CV	Mean	CV	Median	5%	95%	Mean	SD	CV
Norton Sound		3,239	1.81	4,620	0.10	22,476	0.04	28,527	26,223	41,472	30,335	5,950	0.20
Kuskokwim Bay	Kuskokwim R.[d]	26,374	0.66	63,180	0.10	605,054	0.56	632,874	326,641	1,347,623	710,212	339,643	0.48
	Kanektok	110,776	0.18	2,691	0.10	145,808	0.15	257,206	214,728	310,836	259,275	29,500	0.11
	Goodnews	265,986	0.15	2,381	0.10	104,309	0.57	362,636	276,612	502,272	372,676	71,757	0.19
Bristol Bay	Togiak	547,658	0.06	3,401	0.10	205,639	0.05	758,809	694,491	812,251	756,698	35,593	0.05
	Igushik	664,934	0.12	4,283	0.10	1,055,243	0.05	1,721,586	1,569,271	1,890,286	1,724,460	97,594	0.06
	Wood	5,582,777	0.03	3,594	0.10	1,725,689	0.05	7,310,926	7,004,112	7,624,922	7,312,061	188,474	0.03
	Nushagak	1,583,268	0.07	12,266	0.10	491,855	0.10	2,085,163	1,897,929	2,283,470	2,087,389	117,826	0.06
	Kvichak	3,539,391	0.04	435	0.10	2,757,915	0.05	6,294,688	5,963,011	6,644,241	6,297,740	207,113	0.03
	Alagnak	2,338,562	0.05	0	0.00	2,180,921	0.05	4,517,534	4,265,247	4,778,812	4,519,483	156,352	0.03
	Naknek	6,298,826	0.03	20,054	0.10	2,472,009	0.05	8,789,026	8,405,794	9,182,249	8,790,890	235,666	0.03
	Egegik	6,673,201	0.03	1,502	0.10	1,260,174	0.05	7,930,772	7,559,931	8,323,732	7,934,876	232,665	0.03
	Ugashik	2,545,948	0.06	1,660	0.10	595,933	0.05	3,143,668	2,880,915	3,405,767	3,143,541	159,127	0.05
North Peninsula	Cinder	38,077	0.27	NA	NA	320,238	0.54	319,794	160,758	683,290	358,315	172,996	0.48
	Meshik	144,912	0.09	1,095	0.10	212,694	0.54	333,607	225,905	575,615	358,701	114,682	0.32
	Ilnik	19,232	0.33	NA	NA	72,728	0.45	86,038	50,597	153,563	91,960	32,918	0.36
	Sandy	11,075	0.55	NA	NA	32,182	0.06	42,074	35,206	55,326	43,256	6,458	0.15
	Bear[e]	771,539	0.03	399	0.10	320,966	0.08	1,092,148	1,035,197	1,153,667	1,093,032	36,066	0.03
	Nelson[f]	21,671	0.23	399	0.10	235,977	0.31	431,401	340,952	576,650	441,409	73,670	0.17
	NW Dist.-BH[g]	9,237	0.45	2,391	0.10	546,257	0.54	565,006	293,630	1,186,070	629,687	293,851	0.47
South Peninsula		47,517	0.14	5,978	0.10	184,466	0.52	217,221	125,828	419,825	237,961	96,034	0.40
Chignik	Black Lake	329,605	0.04	2,766	0.10	377,573	0.04	709,666	678,968	741,896	709,944	19,115	0.03
	Chignik Lake	521,977	0.03	2,406	0.10	328,505	0.04	852,566	821,327	885,462	852,887	19,477	0.02

Note: Total run means and medians can be used to evaluate symmetry of posterior distribution. Total run mean is the sum of the harvest (including terminal and inriver harvest) and escapement means.

NA = No subsistence harvest reports available for these areas; therefore subsistence harvest (if any) is unknown.

[a] Means and CV of simulated data sampled from lognormal distributions.

[b] Harvest from area strata included in the WASSIP sampling plan. Does not include 50,355 fish harvested in WASSIP fisheries but from strata where stock composition was not estimated.

[c] Subsistence harvest adjusted, where possible, to not include harvest above assessment projects and already accounted for in escapement estimate.

[d] Kuskokwim River reporting group includes 15,602 inriver commercial harvest of sockeye salmon in District 1 commercial fishery, Kuskokwim River; CV = 0.05.

[e] Bear reporting group total run includes 128 terminal harvest of sockeye salmon in Herendeen-Moller Bay section, Northern District; CV = 0.05.

[f] Nelson reporting group total run includes 183,330 terminal harvest of sockeye salmon in Nelson Lagoon section, Northern District; CV = 0.05.

[g] Northwestern District/Black Hills reporting group total run includes 71,807 terminal harvest of sockeye in Northwestern and Unalaska districts, and Black Hills section of Northern District; CV = 0.05.

TABLES 6–101: HARVEST AND HARVEST RATE IN AN AREA STRATUM BY REGIONAL REPORTING GROUP

WHAT STOCKS WERE HARVESTED IN A GIVEN FINE-SCALE FISHERY?

Table 6.–Central District, Chignik Area, Westward Region, 2006, all strata. Regional and subregional (within Chignik) reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

Reporting Group		Harvest = 103,272; 5 strata				Harvest Rate (%)		
			90% CI				90% CI	
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Norton Sound		0	0	12	0.84	0.0	0.0	0.0
Kuskokwim Bay		0	0	116	0.50	0.0	0.0	0.0
Bristol Bay		1,509	968	2,224	0.00	0.0	0.0	0.0
North Peninsula		310	71	752	0.00	0.0	0.0	0.0
South Peninsula		0	0	63	0.78	0.0	0.0	0.0
Chignik		100,049	95,417	104,557	0.00	4.3	4.1	4.6
East of WASSIP		1,404	889	2,082	0.00	–	–	–
Total		103,270						
Chignik	Black Lake	77,255	72,142	81,562	0.00	5.7	5.3	6.1
	Chignik Lake	23,222	20,296	26,154	0.00	2.4	2.1	2.8

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.

Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.

Note: Harvest rate for East of WASSIP were not calculated because it was not part of WASSIP plan.

[a] Adjusted median; 1.01 times unadjusted median for regional reporting groups. Adjusted medians for subregional reporting groups may not sum to the adjusted median for the regional reporting groups because the adjustments were calculated independently.

Table 7.–Central District, Chignik Area, Westward Region, 2007, all strata. Regional and subregional (within Chignik) reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

Reporting Group		Harvest = 138,819; 5 strata				Harvest Rate (%)		
			90% CI				90% CI	
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Norton Sound		0	0	30	0.81	0.0	0.0	0.0
Kuskokwim Bay		122	0	792	0.07	0.0	0.0	0.1
Bristol Bay		3,754	2,649	5,173	0.00	0.0	0.0	0.0
North Peninsula		47	0	944	0.16	0.0	0.0	0.0
South Peninsula		98	0	1,069	0.33	0.1	0.0	0.8
Chignik		133,321	126,663	139,028	0.00	8.1	7.7	8.5
East of WASSIP		1,477	417	2,821	0.00	–	–	–
Total		138,819						
Chignik	Black Lake	35,756	31,624	39,768	0.00	5.3	4.7	5.9
	Chignik Lake	97,929	90,849	103,666	0.00	10.0	9.4	10.7

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.

Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.

Note: Harvest rate for East of WASSIP were not calculated because it was not part of WASSIP plan.

[a] Adjusted median; 1.01 times unadjusted median for regional reporting groups. Adjusted medians for subregional reporting groups may not sum to the adjusted median for the regional reporting groups because the adjustments were calculated independently.

Table 8.–Central District, Chignik Area, Westward Region, 2008, all strata. Regional and subregional (within Chignik) reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

Reporting Group		Harvest = 83,111; 5 strata				Harvest Rate (%)		
			90% CI				90% CI	
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Norton Sound		0	0	20	0.83	0.0	0.0	0.1
Kuskokwim Bay		33	2	190	0.02	0.0	0.0	0.0
Bristol Bay		4,149	3,253	5,199	0.00	0.0	0.0	0.0
North Peninsula		148	1	573	0.04	0.0	0.0	0.0
South Peninsula		1,481	947	2,175	0.00	0.7	0.3	1.3
Chignik		73,983	70,682	77,086	0.00	4.7	4.5	5.0
East of WASSIP		3,317	2,499	4,280	0.00	–	–	–
Total		83,109						
Chignik	Black Lake	34,503	31,241	37,263	0.00	4.8	4.4	5.3
	Chignik Lake	39,902	36,682	42,647	0.00	4.6	4.3	5.0

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
Note: Harvest rate for East of WASSIP were not calculated because it was not part of WASSIP plan.
[a] Adjusted median; 1.01 times unadjusted median for regional reporting groups. Adjusted medians for subregional reporting groups may not sum to the adjusted median for the regional reporting groups because the adjustments were calculated independently.

Table 9.–Chignik Bay District, Chignik Area, Westward Region, 2006, all strata. Regional and subregional (within Chignik) reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

Reporting Group		Harvest = 726,482; 7 strata				Harvest Rate (%)		
			90% CI				90% CI	
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Norton Sound		0	0	206	0.68	0.0	0.0	0.3
Kuskokwim Bay		4	0	302	0.36	0.0	0.0	0.0
Bristol Bay		3,563	1,986	5,799	0.00	0.0	0.0	0.0
North Peninsula		90	0	1,020	0.07	0.0	0.0	0.0
South Peninsula		0	0	208	0.67	0.0	0.0	0.1
Chignik		722,825	699,078	746,309	0.00	31.4	30.5	32.4
East of WASSIP		0	0	255	0.67	–	–	–
Total		726,482						
Chignik	Black Lake	434,519	412,787	454,841	0.00	32.2	30.9	33.6
	Chignik Lake	289,281	270,823	307,480	0.00	30.2	28.5	32.0

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
Note: Harvest rate for East of WASSIP were not calculated because it was not part of WASSIP plan.
[a] Adjusted median; 1.00 times unadjusted median for regional reporting groups. Adjusted medians for subregional reporting groups may not sum to the adjusted median for the regional reporting groups because the adjustments were calculated independently.

Table 10.–Chignik Bay District, Chignik Area, Westward Region, 2007, all strata. Regional and subregional (within Chignik) reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

Reporting Group		Harvest = 545,256; 7 strata				Harvest Rate (%)		
			90% CI				90% CI	
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Norton Sound		0	0	94	0.71	0.0	0.0	0.1
Kuskokwim Bay		2	0	200	0.38	0.0	0.0	0.0
Bristol Bay		3,650	2,459	5,171	0.00	0.0	0.0	0.0
North Peninsula		179	3	782	0.03	0.0	0.0	0.0
South Peninsula		0	0	264	0.64	0.0	0.0	0.2
Chignik		541,289	523,078	559,598	0.00	32.9	31.8	34.0
East of WASSIP		136	0	620	0.08	–	–	–
Total		545,257						
Chignik	Black Lake	176,746	165,560	187,709	0.00	26.2	24.6	27.8
	Chignik Lake	365,025	347,512	382,121	0.00	37.6	36.1	39.1

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
Note: Harvest rate for East of WASSIP were not calculated because it was not part of WASSIP plan.
[a] Adjusted median; 1.00 times unadjusted median for regional reporting groups. Adjusted medians for subregional reporting groups may not sum to the adjusted median for the regional reporting groups because the adjustments were calculated independently.

Table 11.–Chignik Bay District, Chignik Area, Westward Region, 2008, all strata. Regional and subregional (within Chignik) reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

Reporting Group		Harvest = 527,026; 6 strata				Harvest Rate (%)		
			90% CI				90% CI	
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Norton Sound		0	0	49	0.77	0.0	0.0	0.2
Kuskokwim Bay		12	0	589	0.32	0.0	0.0	0.1
Bristol Bay		1,373	621	2,572	0.00	0.0	0.0	0.0
North Peninsula		262	17	1,179	0.01	0.0	0.0	0.0
South Peninsula		0	0	102	0.74	0.0	0.0	0.1
Chignik		525,379	505,743	544,755	0.00	33.6	32.5	34.8
East of WASSIP		0	0	59	0.77	–	–	–
Total		527,024						
Chignik	Black Lake	208,831	194,842	222,502	0.00	29.4	27.6	31.2
	Chignik Lake	317,165	298,424	335,269	0.00	37.1	35.3	38.9

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
Note: Harvest rate for East of WASSIP were not calculated because it was not part of WASSIP plan.
[a] Adjusted median; 1.00 times unadjusted median for regional reporting groups. Adjusted medians for subregional reporting groups may not sum to the adjusted median for the regional reporting groups because the adjustments were calculated independently.

Table 12.–Western and Perryville districts, Chignik Area, Westward Region, 2006, all strata. Regional and subregional (within Chignik) reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

Reporting Group		Harvest = 69,570; 3 strata				Harvest Rate (%)		
			90% CI				90% CI	
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Norton Sound		0	0	6	0.91	0.0	0.0	0.0
Kuskokwim Bay		0	0	48	0.74	0.0	0.0	0.0
Bristol Bay		430	139	938	0.00	0.0	0.0	0.0
North Peninsula		2	0	261	0.41	0.0	0.0	0.0
South Peninsula		0	0	49	0.86	0.0	0.0	0.0
Chignik		46,918	43,624	50,147	0.00	2.0	1.9	2.2
East of WASSIP		22,219	19,825	24,672	0.00	–	–	–
Total		69,570						
Chignik	Black Lake	24,311	21,293	27,274	0.00	1.8	1.6	2.0
	Chignik Lake	22,698	19,671	25,657	0.00	2.4	2.1	2.7

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
Note: Harvest rate for East of WASSIP were not calculated because it was not part of WASSIP plan.
[a] Adjusted median; 1.01 times unadjusted median for regional reporting groups. Adjusted medians for subregional reporting groups may not sum to the adjusted median for the regional reporting groups because the adjustments were calculated independently.

Table 13.–Western and Perryville districts, Chignik Area, Westward Region, 2007, all strata. Regional and subregional (within Chignik) reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

Reporting Group		Harvest = 120,305; 3 strata				Harvest Rate (%)		
			90% CI				90% CI	
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Norton Sound		0	0	32	0.88	0.0	0.0	0.1
Kuskokwim Bay		2,179	906	3,683	0.01	0.1	0.1	0.3
Bristol Bay		10,218	7,953	12,806	0.00	0.0	0.0	0.0
North Peninsula		2,892	1,362	4,733	0.00	0.1	0.0	0.1
South Peninsula		0	0	63	0.86	0.0	0.0	0.0
Chignik		70,397	65,050	75,652	0.00	4.3	4.0	4.6
East of WASSIP		34,620	30,780	38,518	0.00	–	–	–
Total		120,306						
Chignik	Black Lake	23,266	18,964	27,378	0.00	3.4	2.8	4.1
	Chignik Lake	47,706	42,100	52,519	0.00	4.9	4.3	5.4

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
Note: Harvest rate for East of WASSIP were not calculated because it was not part of WASSIP plan.
[a] Adjusted median; 1.01 times unadjusted median for regional reporting groups. Adjusted medians for subregional reporting groups may not sum to the adjusted median for the regional reporting groups because the adjustments were calculated independently.

Table 14.–Western and Perryville districts, Chignik Area, Westward Region, 2008, all strata. Regional and subregional (within Chignik) reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

Reporting Group		Harvest = 74,854; 4 strata				Harvest Rate (%)		
			90% CI				90% CI	
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Norton Sound		0	0	13	0.87	0.0	0.0	0.0
Kuskokwim Bay		1,233	713	2,096	0.00	0.1	0.1	0.2
Bristol Bay		22,410	20,318	24,504	0.00	0.1	0.1	0.1
North Peninsula		5,096	3,848	6,441	0.00	0.2	0.1	0.2
South Peninsula		8,440	7,033	9,965	0.00	3.9	2.0	6.9
Chignik		27,740	25,491	29,942	0.00	1.8	1.6	1.9
East of WASSIP		9,934	8,491	11,476	0.00	–	–	–
Total		74,852						
Chignik	Black Lake	11,124	9,358	12,842	0.00	1.6	1.3	1.8
	Chignik Lake	16,774	14,505	18,836	0.00	2.0	1.7	2.2

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
Note: Harvest rate for East of WASSIP were not calculated because it was not part of WASSIP plan.
[a] Adjusted median; 1.01 times unadjusted median for regional reporting groups. Adjusted medians for subregional reporting groups may not sum to the adjusted median for the regional reporting groups because the adjustments were calculated independently.

Table 15.–East Stepovak and Stepovak Flats sections, Southeastern District Mainland area, Southeastern District, Alaska Peninsula Area, Westward Region, 2006, all strata. Regional and subregional (within South Peninsula) reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

Reporting Group		Harvest = 145,484; 2 strata				Harvest Rate (%)		
			90% CI				90% CI	
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Norton Sound		0	0	13	0.89	0.0	0.0	0.0
Kuskokwim Bay		0	0	326	0.64	0.0	0.0	0.0
Bristol Bay		418	0	1,713	0.06	0.0	0.0	0.0
North Peninsula		4	0	860	0.38	0.0	0.0	0.0
South Peninsula		0	0	738	0.57	0.0	0.0	0.5
Chignik		82,576	75,303	89,540	0.00	3.6	3.3	3.9
East of WASSIP		62,486	56,026	68,800	0.00	–	–	–
Total		145,484						
South Peninsula		No subregional reporting groups.						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.

Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.

Note: Harvest rate for East of WASSIP were not calculated because it was not part of WASSIP plan.

[a] Adjusted median; 1.01 times unadjusted median for regional reporting groups. Adjusted medians for subregional reporting groups may not sum to the adjusted median for the regional reporting groups because the adjustments were calculated independently.

Table 16.–East Stepovak and Stepovak Flats sections, Southeastern District Mainland area, Southeastern District, Alaska Peninsula Area, Westward Region, 2007, all strata. Regional and subregional (within South Peninsula) reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

Reporting Group		Harvest = 72,315; 1 stratum				Harvest Rate (%)		
			90% CI				90% CI	
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Norton Sound		0	0	1	0.95	0.0	0.0	0.0
Kuskokwim Bay		0	0	217	0.76	0.0	0.0	0.0
Bristol Bay		1	0	390	0.49	0.0	0.0	0.0
North Peninsula		1	0	969	0.47	0.0	0.0	0.0
South Peninsula		0	0	18	0.91	0.0	0.0	0.0
Chignik		26,876	23,110	30,669	0.00	1.6	1.4	1.9
East of WASSIP		45,437	40,498	50,197	0.00	–	–	–
Total		72,315						
South Peninsula		No subregional reporting groups.						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.

Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.

Note: Harvest rate for East of WASSIP were not calculated because it was not part of WASSIP plan.

[a] Adjusted median; 1.01 times unadjusted median for regional reporting groups. Adjusted medians for subregional reporting groups may not sum to the adjusted median for the regional reporting groups because the adjustments were calculated independently.

Table 17.–East Stepovak and Stepovak Flats sections, Southeastern District Mainland area, Southeastern District, Alaska Peninsula Area, Westward Region, 2008, all strata. Regional and subregional (within South Peninsula) reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

Reporting Group		Harvest = 61,811; 1 stratum				Harvest Rate (%)		
			90% CI				90% CI	
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Norton Sound		0	0	1	0.95	0.0	0.0	0.0
Kuskokwim Bay		176	0	994	0.35	0.0	0.0	0.1
Bristol Bay		3	0	466	0.43	0.0	0.0	0.0
North Peninsula		623	172	1,401	0.00	0.0	0.0	0.1
South Peninsula		0	0	1	0.94	0.0	0.0	0.0
Chignik		28,117	24,548	31,634	0.00	1.8	1.6	2.0
East of WASSIP		32,892	29,050	36,696	0.00	–	–	–
Total		61,810						
South Peninsula		No subregional reporting groups.						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.

Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.

Note: Harvest rate for East of WASSIP were not calculated because it was not part of WASSIP plan.

[a] Adjusted median; 1.01 times unadjusted median for regional reporting groups. Adjusted medians for subregional reporting groups may not sum to the adjusted median for the regional reporting groups because the adjustments were calculated independently.

Table 18.–Northwest Stepovak Section, Southeastern District Mainland area, Southeastern District, Alaska Peninsula Area, Westward Region, 2006, all strata. Regional and subregional (within South Peninsula) reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

Reporting Group		Harvest = 5,680; 1 stratum				Harvest Rate (%)		
			90% CI				90% CI	
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Norton Sound		0	0	0	0.97	0.0	0.0	0.0
Kuskokwim Bay		43	0	120	0.10	0.0	0.0	0.0
Bristol Bay		0	0	45	0.66	0.0	0.0	0.0
North Peninsula		0	0	67	0.53	0.0	0.0	0.0
South Peninsula		385	261	535	0.00	0.3	0.1	0.5
Chignik		3,867	3,459	4,250	0.00	0.2	0.2	0.2
East of WASSIP		1,385	1,136	1,638	0.00	–	–	–
Total		5,680						
South Peninsula		No subregional reporting groups.						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.

Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.

Note: Harvest rate for East of WASSIP were not calculated because it was not part of WASSIP plan.

[a] Adjusted median; 1.01 times unadjusted median for regional reporting groups. Adjusted medians for subregional reporting groups may not sum to the adjusted median for the regional reporting groups because the adjustments were calculated independently.

Table 19.–Northwest Stepovak Section, Southeastern District Mainland area, Southeastern District, Alaska Peninsula Area, Westward Region, 2007, all strata. Regional and subregional (within South Peninsula) reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

Reporting Group		Harvest = 127; 1 stratum				Harvest Rate (%)		
			90% CI				90% CI	
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Norton Sound		0	0	0	1.00	0.0	0.0	0.0
Kuskokwim Bay		1	0	3	0.29	0.0	0.0	0.0
Bristol Bay		0	0	1	0.91	0.0	0.0	0.0
North Peninsula		0	0	1	0.80	0.0	0.0	0.0
South Peninsula		9	6	12	0.00	0.0	0.0	0.0
Chignik		86	77	95	0.00	0.0	0.0	0.0
East of WASSIP		31	25	37	0.00	–	–	–
Total		127						
South Peninsula		No subregional reporting groups.						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.

Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.

Note: Harvest rate for East of WASSIP were not calculated because it was not part of WASSIP plan.

[a] Adjusted median; 1.01 times unadjusted median for regional reporting groups. Adjusted medians for subregional reporting groups may not sum to the adjusted median for the regional reporting groups because the adjustments were calculated independently.

Table 20.–Northwest Stepovak Section, Southeastern District Mainland area, Southeastern District, Alaska Peninsula Area, Westward Region, 2008, all strata. Regional and subregional (within South Peninsula) reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

Reporting Group		Harvest = 41,914; 3 strata				Harvest Rate (%)		
			90% CI				90% CI	
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Norton Sound		0	0	6	0.88	0.0	0.0	0.0
Kuskokwim Bay		81	0	224	0.07	0.0	0.0	0.0
Bristol Bay		553	249	1,028	0.00	0.0	0.0	0.0
North Peninsula		446	33	1,015	0.02	0.0	0.0	0.0
South Peninsula		12,191	10,830	13,594	0.00	5.6	2.9	9.8
Chignik		21,826	20,155	23,455	0.00	1.4	1.3	1.5
East of WASSIP		6,817	5,855	7,840	0.00	–	–	–
Total		41,915						
South Peninsula		No subregional reporting groups.						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.

Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.

Note: Harvest rate for East of WASSIP were not calculated because it was not part of WASSIP plan.

[a] Adjusted median; 1.01 times unadjusted median for regional reporting groups. Adjusted medians for subregional reporting groups may not sum to the adjusted median for the regional reporting groups because the adjustments were calculated independently.

Table 21.–Southwest Stepovak, Balboa Bay, and Beaver Bay sections (statistical areas 281–70, 281–80, 281–90), Southeastern District Mainland area, Southeastern District, Alaska Peninsula Area, Westward Region, 2006, all strata. Regional and subregional (within South Peninsula) reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

Reporting Group		Harvest = 88,943; 2 strata				Harvest Rate (%)		
			90% CI				90% CI	
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Norton Sound		0	0	7	0.90	0.0	0.0	0.0
Kuskokwim Bay		31	0	215	0.22	0.0	0.0	0.0
Bristol Bay		31	0	524	0.23	0.0	0.0	0.0
North Peninsula		57	0	698	0.21	0.0	0.0	0.0
South Peninsula		156	0	467	0.13	0.1	0.0	0.4
Chignik		45,269	40,932	49,517	0.00	2.0	1.8	2.2
East of WASSIP		43,399	39,137	47,658	0.00	–	–	–
Total		88,944						
South Peninsula		No subregional reporting groups.						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.

Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.

Note: Harvest rate for East of WASSIP were not calculated because it was not part of WASSIP plan.

[a] Adjusted median; 1.01 times unadjusted median for regional reporting groups. Adjusted medians for subregional reporting groups may not sum to the adjusted median for the regional reporting groups because the adjustments were calculated independently.

Table 22.–Southwest Stepovak, Balboa Bay, and Beaver Bay sections (statistical areas 281–70, 281–80, 281–90), Southeastern District Mainland area, Southeastern District, Alaska Peninsula Area, Westward Region, 2007, all strata. Regional and subregional (within South Peninsula) reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

Reporting Group		Harvest = 73,512; 1 stratum				Harvest Rate (%)		
			90% CI				90% CI	
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Norton Sound		0	0	2	0.94	0.0	0.0	0.0
Kuskokwim Bay		0	0	78	0.82	0.0	0.0	0.0
Bristol Bay		512	108	1,321	0.00	0.0	0.0	0.0
North Peninsula		72	0	1,399	0.34	0.0	0.0	0.0
South Peninsula		0	0	1	0.94	0.0	0.0	0.0
Chignik		27,291	23,477	31,047	0.00	1.7	1.4	1.9
East of WASSIP		45,638	40,596	50,419	0.00	–	–	–
Total		73,512						
South Peninsula		No subregional reporting groups.						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.

Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.

Note: Harvest rate for East of WASSIP were not calculated because it was not part of WASSIP plan.

[a] Adjusted median; 1.01 times unadjusted median for regional reporting groups. Adjusted medians for subregional reporting groups may not sum to the adjusted median for the regional reporting groups because the adjustments were calculated independently.

Table 23.–Southwest Stepovak, Balboa Bay, and Beaver Bay sections (statistical areas 281–70, 281–80, 281–90), Southeastern District Mainland area, Southeastern District, Alaska Peninsula Area, Westward Region, 2008, all strata. Regional and subregional (within South Peninsula) reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

Reporting Group		Harvest = 46,093; 1 stratum				Harvest Rate (%)		
			90% CI				90% CI	
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Norton Sound		0	0	1	0.95	0.0	0.0	0.0
Kuskokwim Bay		90	7	384	0.00	0.0	0.0	0.0
Bristol Bay		996	469	1,748	0.00	0.0	0.0	0.0
North Peninsula		3,142	2,015	4,488	0.00	0.1	0.1	0.2
South Peninsula		1,734	1,001	2,691	0.00	0.8	0.3	1.6
Chignik		23,742	20,887	26,562	0.00	1.5	1.3	1.7
East of WASSIP		16,390	13,987	18,813	0.00	–	–	–
Total		46,092						
South Peninsula		No subregional reporting groups.						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.

Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.

Note: Harvest rate for East of WASSIP were not calculated because it was not part of WASSIP plan.

[a] Adjusted median; 1.01 times unadjusted median for regional reporting groups. Adjusted medians for subregional reporting groups may not sum to the adjusted median for the regional reporting groups because the adjustments were calculated independently.

Table 24.–June, Shumagin Islands Section (statistical areas all 282–XX), Alaska Peninsula Area, Westward Region, 2006, all strata. Regional and subregional (within South Peninsula) reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

Reporting Group		Harvest = 441,238; 3 strata				Harvest Rate (%)		
			90% CI				90% CI	
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Norton Sound		0	0	129	0.81	0.0	0.0	0.2
Kuskokwim Bay		5,460	1,425	10,543	0.00	0.3	0.1	0.5
Bristol Bay		231,737	215,206	247,837	0.00	0.5	0.5	0.6
North Peninsula		9,651	5,504	14,722	0.00	0.3	0.2	0.5
South Peninsula		1,303	397	3,338	0.00	0.8	0.2	2.7
Chignik		76,798	67,291	86,734	0.00	3.3	2.9	3.8
East of WASSIP		116,288	105,433	127,269	0.00	–	–	–
Total		441,239						
South Peninsula		No subregional reporting groups.						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.

Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.

Note: Harvest rate for East of WASSIP were not calculated because it was not part of WASSIP plan.

[a] Adjusted median; 1.01 times unadjusted median for regional reporting groups. Adjusted medians for subregional reporting groups may not sum to the adjusted median for the regional reporting groups because the adjustments were calculated independently.

Table 25.–June, Shumagin Islands Section (statistical areas all 282–XX), Alaska Peninsula Area, Westward Region, 2007, all strata. Regional and subregional (within South Peninsula) reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

Reporting Group		Harvest = 852,198; 3 strata				Harvest Rate (%)		
			90% CI				90% CI	
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Norton Sound		0	0	279	0.79	0.0	0.0	0.4
Kuskokwim Bay		9,026	3,404	20,474	0.00	0.6	0.2	1.4
Bristol Bay		752,185	707,666	793,501	0.00	1.6	1.5	1.7
North Peninsula		8,831	2,520	18,523	0.00	0.2	0.1	0.5
South Peninsula		0	0	149	0.81	0.0	0.0	0.1
Chignik		22,488	15,359	31,359	0.00	1.4	0.9	1.9
East of WASSIP		59,668	48,478	72,105	0.00	–	–	–
Total		852,197						
South Peninsula		No subregional reporting groups.						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.

Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.

Note: Harvest rate for East of WASSIP were not calculated because it was not part of WASSIP plan.

[a] Adjusted median; 1.02 times unadjusted median for regional reporting groups. Adjusted medians for subregional reporting groups may not sum to the adjusted median for the regional reporting groups because the adjustments were calculated independently.

Table 26.–June, Shumagin Islands Section (statistical areas all 282–XX), Alaska Peninsula Area, Westward Region, 2008, all strata. Regional and subregional (within South Peninsula) reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

Reporting Group		Harvest = 649,005; 2 strata				Harvest Rate (%)		
			90% CI				90% CI	
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Norton Sound		0	0	46	0.87	0.0	0.0	0.2
Kuskokwim Bay		24,742	14,362	36,884	0.00	1.9	1.0	3.2
Bristol Bay		516,889	481,583	551,188	0.00	1.2	1.1	1.3
North Peninsula		14,723	7,535	23,753	0.00	0.5	0.2	0.8
South Peninsula		0	0	1,881	0.71	0.0	0.0	0.9
Chignik		27,711	20,075	36,722	0.00	1.8	1.3	2.3
East of WASSIP		64,941	52,980	78,055	0.00	–	–	–
Total		649,006						
South Peninsula		No subregional reporting groups.						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.

Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.

Note: Harvest rate for East of WASSIP were not calculated because it was not part of WASSIP plan.

[a] Adjusted median; 1.02 times unadjusted median for regional reporting groups. Adjusted medians for subregional reporting groups may not sum to the adjusted median for the regional reporting groups because the adjustments were calculated independently.

Table 27.–June, Dolgoi Island area (statistical areas 283–XX,284–00 through 284–42), Alaska Peninsula Area, Westward Region, 2006, all strata. Regional and subregional (within South Peninsula) reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

Reporting Group		Harvest = 243,215; 3 strata				Harvest Rate (%)		
			90% CI				90% CI	
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Norton Sound		0	0	308	0.73	0.0	0.0	0.4
Kuskokwim Bay		6	0	831	0.40	0.0	0.0	0.0
Bristol Bay		16,262	13,095	19,793	0.00	0.0	0.0	0.0
North Peninsula		1,159	181	3,103	0.00	0.0	0.0	0.1
South Peninsula		289	4	1,211	0.04	0.2	0.0	0.9
Chignik		170,920	160,096	181,188	0.00	7.4	7.0	7.9
East of WASSIP		54,578	48,856	60,439	0.00	–	–	–
Total		243,216						
South Peninsula		No subregional reporting groups.						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.

Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.

Note: Harvest rate for East of WASSIP were not calculated because it was not part of WASSIP plan.

[a] Adjusted median; 1.01 times unadjusted median for regional reporting groups. Adjusted medians for subregional reporting groups may not sum to the adjusted median for the regional reporting groups because the adjustments were calculated independently.

Table 28.–June, Dolgoi Island area (statistical areas 283–XX,284–00 through 284–42), Alaska Peninsula Area, Westward Region, 2007, all strata. Regional and subregional (within South Peninsula) reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

Reporting Group		Harvest = 80,300; 3 strata				Harvest Rate (%)		
			90% CI				90% CI	
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Norton Sound		0	0	134	0.67	0.0	0.0	0.2
Kuskokwim Bay		415	118	1,022	0.00	0.0	0.0	0.1
Bristol Bay		27,362	24,546	30,181	0.00	0.1	0.1	0.1
North Peninsula		700	106	1,621	0.00	0.0	0.0	0.0
South Peninsula		0	0	314	0.77	0.0	0.0	0.2
Chignik		18,226	16,204	20,308	0.00	1.1	1.0	1.2
East of WASSIP		33,596	30,778	36,357	0.00	–	–	–
Total		80,299						
South Peninsula		No subregional reporting groups.						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
Note: Harvest rate for East of WASSIP were not calculated because it was not part of WASSIP plan.
[a]Adjusted median; 1.01 times unadjusted median for regional reporting groups. Adjusted medians for subregional reporting groups may not sum to the adjusted median for the regional reporting groups because the adjustments were calculated independently.

Table 29.–June, Dolgoi Island area (statistical areas 283–XX, 284–00 through 284–42), Alaska Peninsula Area, Westward Region, 2008, all strata. Regional and subregional (within South Peninsula) reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

Reporting Group		Harvest = 35,338; 3 strata				Harvest Rate (%)		
			90% CI				90% CI	
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Norton Sound		0	0	3	0.91	0.0	0.0	0.0
Kuskokwim Bay		34	2	623	0.01	0.0	0.0	0.1
Bristol Bay		17,326	15,763	18,779	0.00	0.0	0.0	0.0
North Peninsula		118	11	320	0.00	0.0	0.0	0.0
South Peninsula		2	0	152	0.23	0.0	0.0	0.1
Chignik		12,168	10,930	13,352	0.00	0.8	0.7	0.9
East of WASSIP		5,689	4,808	6,603	0.00	–	–	–
Total		35,339						
South Peninsula		No subregional reporting groups.						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.

Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.

Note: Harvest rate for East of WASSIP were not calculated because it was not part of WASSIP plan.

[a] Adjusted median; 1.02 times unadjusted median for regional reporting groups. Adjusted medians for subregional reporting groups may not sum to the adjusted median for the regional reporting groups because the adjustments were calculated independently.

Table 30.–June, Ikatan area (statistical areas 284–45 through 284–99), Alaska Peninsula Area, Westward Region, 2006, all strata. Regional and subregional (within South Peninsula) reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

Reporting Group		Harvest = 38,838; 3 strata				Harvest Rate (%)		
			90% CI				90% CI	
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Norton Sound		0	0	268	0.78	0.0	0.0	0.4
Kuskokwim Bay		96	3	456	0.03	0.0	0.0	0.0
Bristol Bay		24,518	22,726	26,145	0.00	0.1	0.1	0.1
North Peninsula		1,234	816	1,744	0.00	0.0	0.0	0.1
South Peninsula		247	95	594	0.00	0.2	0.1	0.5
Chignik		7,723	6,766	8,679	0.00	0.3	0.3	0.4
East of WASSIP		5,020	4,275	5,806	0.00	–	–	–
Total		38,839						
South Peninsula		No subregional reporting groups.						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.

Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.

Note: Harvest rate for East of WASSIP were not calculated because it was not part of WASSIP plan.

[a] Adjusted median; 1.02 times unadjusted median for regional reporting groups. Adjusted medians for subregional reporting groups may not sum to the adjusted median for the regional reporting groups because the adjustments were calculated independently.

Table 31.–June, Ikatan area (statistical areas 284–45 through 284–99), Alaska Peninsula Area, Westward Region, 2007, all strata. Regional and subregional (within South Peninsula) reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

Reporting Group		Harvest = 186,327; 3 strata				Harvest Rate (%)		
			90% CI				90% CI	
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Norton Sound		0	0	1,598	0.53	0.0	0.0	2.4
Kuskokwim Bay		5,069	2,487	8,245	0.00	0.3	0.2	0.6
Bristol Bay		162,689	152,901	171,558	0.00	0.3	0.3	0.4
North Peninsula		5,060	3,006	7,618	0.00	0.1	0.1	0.2
South Peninsula		0	0	170	0.78	0.0	0.0	0.1
Chignik		4,087	2,752	5,750	0.00	0.3	0.2	0.4
East of WASSIP		9,422	7,353	11,757	0.00	–	–	–
Total		186,326						
South Peninsula		No subregional reporting groups.						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.

Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.

Note: Harvest rate for East of WASSIP were not calculated because it was not part of WASSIP plan.

[a] Adjusted median; 1.02 times unadjusted median for regional reporting groups. Adjusted medians for subregional reporting groups may not sum to the adjusted median for the regional reporting groups because the adjustments were calculated independently.

Table 32.–June, Ikatan area (statistical areas 284–45 through 284–99), Alaska Peninsula Area, Westward Region, 2008, all strata. Regional and subregional (within South Peninsula) reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

Reporting Group		Harvest = 183,081; 3 strata				Harvest Rate (%)		
			90% CI				90% CI	
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Norton Sound		0	0	45	0.87	0.0	0.0	0.2
Kuskokwim Bay		1,910	376	4,879	0.00	0.1	0.0	0.4
Bristol Bay		169,300	157,646	179,464	0.00	0.4	0.4	0.4
North Peninsula		3,619	1,639	7,397	0.00	0.1	0.1	0.3
South Peninsula		204	43	590	0.00	0.1	0.0	0.3
Chignik		5,438	3,363	8,277	0.00	0.4	0.2	0.5
East of WASSIP		2,609	1,362	4,724	0.00	–	–	–
Total		183,080						
South Peninsula		No subregional reporting groups.						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.

Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.

Note: Harvest rate for East of WASSIP were not calculated because it was not part of WASSIP plan.

[a] Adjusted median; 1.03 times unadjusted median for regional reporting groups. Adjusted medians for subregional reporting groups may not sum to the adjusted median for the regional reporting groups because the adjustments were calculated independently.

Table 33.–June, Unimak District, Alaska Peninsula Area, Westward Region, 2006, all strata. Regional and subregional (within South Peninsula) reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

Reporting Group		Harvest = 209,000; 3 strata				Harvest Rate (%)		
			90% CI				90% CI	
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Norton Sound		0	0	22	0.83	0.0	0.0	0.0
Kuskokwim Bay		295	50	1,548	0.00	0.0	0.0	0.1
Bristol Bay		125,940	115,560	136,001	0.00	0.3	0.3	0.3
North Peninsula		7,159	4,205	10,887	0.00	0.2	0.1	0.3
South Peninsula		930	313	2,230	0.00	0.6	0.2	1.9
Chignik		50,360	44,574	56,308	0.00	2.2	1.9	2.5
East of WASSIP		24,316	20,060	28,971	0.00	–	–	–
Total		208,998						
South Peninsula		No subregional reporting groups.						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.

Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.

Note: Harvest rate for East of WASSIP were not calculated because it was not part of WASSIP plan.

[a] Adjusted median; 1.01 times unadjusted median for regional reporting groups. Adjusted medians for subregional reporting groups may not sum to the adjusted median for the regional reporting groups because the adjustments were calculated independently.

Table 34.–June, Unimak District, Alaska Peninsula Area, Westward Region, 2007, all strata. Regional and subregional (within South Peninsula) reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

Reporting Group		Harvest = 471,015; 3 strata				Harvest Rate (%)		
			90% CI				90% CI	
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Norton Sound		0	0	79	0.82	0.0	0.0	0.1
Kuskokwim Bay		11,790	2,959	23,126	0.00	0.7	0.2	1.6
Bristol Bay		407,755	378,821	434,287	0.00	0.9	0.8	0.9
North Peninsula		9,317	5,125	15,709	0.00	0.3	0.1	0.4
South Peninsula		826	175	3,352	0.00	0.5	0.1	2.5
Chignik		11,409	7,213	16,992	0.00	0.7	0.4	1.0
East of WASSIP		29,917	22,918	38,088	0.00	–	–	–
Total		471,016						
South Peninsula		No subregional reporting groups.						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.

Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.

Note: Harvest rate for East of WASSIP were not calculated because it was not part of WASSIP plan.

[a] Adjusted median; 1.02 times unadjusted median for regional reporting groups. Adjusted medians for subregional reporting groups may not sum to the adjusted median for the regional reporting groups because the adjustments were calculated independently.

Table 35.–June, Unimak District, Alaska Peninsula Area, Westward Region, 2008, all strata. Regional and subregional (within South Peninsula) reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

Reporting Group		Harvest = 846,151; 3 strata				Harvest Rate (%)		
			90% CI				90% CI	
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Norton Sound		0	0	103	0.81	0.0	0.0	0.3
Kuskokwim Bay		11,533	2,876	23,786	0.00	0.9	0.2	2.0
Bristol Bay		771,919	725,250	816,277	0.00	1.8	1.7	1.9
North Peninsula		36,429	25,518	49,327	0.00	1.2	0.8	1.7
South Peninsula		4,950	1,696	10,035	0.00	2.2	0.7	5.5
Chignik		11,412	6,114	19,459	0.00	0.7	0.4	1.2
East of WASSIP		9,907	6,099	15,252	0.00	–	–	–
Total		846,150						
South Peninsula		No subregional reporting groups.						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.

Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.

Note: Harvest rate for East of WASSIP were not calculated because it was not part of WASSIP plan.

[a] Adjusted median; 1.02 times unadjusted median for regional reporting groups. Adjusted medians for subregional reporting groups may not sum to the adjusted median for the regional reporting groups because the adjustments were calculated independently.

Table 36.–Post-June, Shumagin Islands Section, Alaska Peninsula Area, Westward Region, 2006, all strata. Regional and subregional (within South Peninsula) reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

Reporting Group		Harvest = 366,433; 4 strata				Harvest Rate (%)		
			90% CI				90% CI	
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Norton Sound		0	0	1,151	0.56	0.0	0.0	1.5
Kuskokwim Bay		418	17	2,235	0.01	0.0	0.0	0.1
Bristol Bay		61,062	54,407	67,911	0.00	0.1	0.1	0.2
North Peninsula		20,078	16,224	24,362	0.00	0.6	0.5	0.8
South Peninsula		2,851	1,476	4,827	0.00	1.8	0.7	4.4
Chignik		85,200	77,831	92,584	0.00	3.7	3.4	4.0
East of WASSIP		196,824	185,502	207,562	0.00	–	–	–
Total		366,434						
South Peninsula		No subregional reporting groups.						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.

Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.

Note: Harvest rate for East of WASSIP were not calculated because it was not part of WASSIP plan.

[a] Adjusted median; 1.01 times unadjusted median for regional reporting groups. Adjusted medians for subregional reporting groups may not sum to the adjusted median for the regional reporting groups because the adjustments were calculated independently.

Table 37.–Post-June, Shumagin Islands Section, Alaska Peninsula Area, Westward Region, 2007, all strata. Regional and subregional (within South Peninsula) reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

Reporting Group		Harvest = 399,508; 4 strata				Harvest Rate (%)		
			90% CI				90% CI	
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Norton Sound		0	0	55	0.79	0.0	0.0	0.1
Kuskokwim Bay		19,388	11,339	26,978	0.00	1.2	0.7	1.9
Bristol Bay		219,714	204,293	235,318	0.00	0.5	0.4	0.5
North Peninsula		20,586	15,706	26,179	0.00	0.6	0.4	0.7
South Peninsula		1,158	58	3,172	0.03	0.7	0.0	2.6
Chignik		34,037	29,121	39,413	0.00	2.1	1.8	2.4
East of WASSIP		104,625	95,666	113,776	0.00	–	–	–
Total		399,509						
South Peninsula		No subregional reporting groups.						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.

Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.

Note: Harvest rate for East of WASSIP were not calculated because it was not part of WASSIP plan.

[a] Adjusted median; 1.01 times unadjusted median for regional reporting groups. Adjusted medians for subregional reporting groups may not sum to the adjusted median for the regional reporting groups because the adjustments were calculated independently.

Table 38.–Post-June, Shumagin Islands Section, Alaska Peninsula Area, Westward Region, 2008, all strata. Regional and subregional (within South Peninsula) reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

Reporting Group		Harvest = 234,398; 4 strata				Harvest Rate (%)		
			90% CI				90% CI	
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Norton Sound		14	0	1,230	0.44	0.1	0.0	4.0
Kuskokwim Bay		2,029	827	3,693	0.00	0.2	0.1	0.3
Bristol Bay		41,581	37,060	46,185	0.00	0.1	0.1	0.1
North Peninsula		24,352	20,174	28,798	0.00	0.8	0.6	1.0
South Peninsula		9,592	6,937	12,857	0.00	4.4	2.1	8.1
Chignik		63,132	57,160	69,075	0.00	4.0	3.7	4.4
East of WASSIP		93,699	86,362	100,791	0.00	–	–	–
Total		234,396						
South Peninsula		No subregional reporting groups.						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.

Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.

Note: Harvest rate for East of WASSIP were not calculated because it was not part of WASSIP plan.

[a] Adjusted median; 1.01 times unadjusted median for regional reporting groups. Adjusted medians for subregional reporting groups may not sum to the adjusted median for the regional reporting groups because the adjustments were calculated independently.

Table 39.–Post-June, Dolgoi Island area, Alaska Peninsula Area, Westward Region, 2006, all strata. Regional and subregional (within South Peninsula) reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

Reporting Group		Harvest = 246,221; 2 strata				Harvest Rate (%)		
			90% CI				90% CI	
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Norton Sound		0	0	2	0.94	0.0	0.0	0.0
Kuskokwim Bay		0	0	94	0.82	0.0	0.0	0.0
Bristol Bay		2,926	1,013	5,894	0.00	0.0	0.0	0.0
North Peninsula		0	0	1,855	0.55	0.0	0.0	0.1
South Peninsula		0	0	8	0.92	0.0	0.0	0.0
Chignik		164,949	149,542	180,439	0.00	7.1	6.5	7.8
East of WASSIP		78,345	67,882	89,238	0.00	–	–	–
Total		246,220						
South Peninsula		No subregional reporting groups.						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.

Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.

Note: Harvest rate for East of WASSIP were not calculated because it was not part of WASSIP plan.

[a] Adjusted median; 1.01 times unadjusted median for regional reporting groups. Adjusted medians for subregional reporting groups may not sum to the adjusted median for the regional reporting groups because the adjustments were calculated independently.

Table 40.–Post-June, Dolgoi Island area, Alaska Peninsula Area, Westward Region, 2007, all strata. Regional and subregional (within South Peninsula) reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

Reporting Group		Harvest = 233,367; 2 strata				Harvest Rate (%)		
			90% CI				90% CI	
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Norton Sound		0	0	8	0.90	0.0	0.0	0.0
Kuskokwim Bay		2,748	49	5,786	0.03	0.2	0.0	0.4
Bristol Bay		9,389	5,595	14,453	0.00	0.0	0.0	0.0
North Peninsula		236	75	2,314	0.00	0.0	0.0	0.1
South Peninsula		159	56	859	0.00	0.1	0.0	0.6
Chignik		86,751	75,397	98,252	0.00	5.3	4.6	5.9
East of WASSIP		134,085	119,824	148,108	0.00	–	–	–
Total		233,368						
South Peninsula		No subregional reporting groups.						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.

Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.

Note: Harvest rate for East of WASSIP were not calculated because it was not part of WASSIP plan.

[a] Adjusted median; 1.02 times unadjusted median for regional reporting groups. Adjusted medians for subregional reporting groups may not sum to the adjusted median for the regional reporting groups because the adjustments were calculated independently.

Table 41.–Post-June, Dolgoi Island area, Alaska Peninsula Area, Westward Region, 2008, all strata. Regional and subregional (within South Peninsula) reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

Reporting Group		Harvest = 55,799; 2 strata				Harvest Rate (%)		
			90% CI				90% CI	
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Norton Sound		0	0	71	0.85	0.0	0.0	0.2
Kuskokwim Bay		189	0	786	0.20	0.0	0.0	0.1
Bristol Bay		4,147	3,141	5,270	0.00	0.0	0.0	0.0
North Peninsula		2,283	1,548	3,195	0.00	0.1	0.1	0.1
South Peninsula		1,308	769	1,980	0.00	0.6	0.3	1.2
Chignik		26,376	24,022	28,634	0.00	1.7	1.5	1.8
East of WASSIP		21,496	19,345	23,639	0.00	–	–	–
Total		55,798						
South Peninsula		No subregional reporting groups.						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.

Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.

Note: Harvest rate for East of WASSIP were not calculated because it was not part of WASSIP plan.

[a] Adjusted median; 1.02 times unadjusted median for regional reporting groups. Adjusted medians for subregional reporting groups may not sum to the adjusted median for the regional reporting groups because the adjustments were calculated independently.

Table 42.–Post-June, Ikatan area, Alaska Peninsula Area, Westward Region, 2006, all strata. Regional and subregional (within South Peninsula) reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

Reporting Group		Harvest = 8,824; 1 stratum				Harvest Rate (%)		
			90% CI				90% CI	
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Norton Sound		0	0	4	0.91	0.0	0.0	0.0
Kuskokwim Bay		63	7	269	0.03	0.0	0.0	0.0
Bristol Bay		2,573	2,203	2,940	0.00	0.0	0.0	0.0
North Peninsula		729	495	990	0.00	0.0	0.0	0.0
South Peninsula		1,022	816	1,247	0.00	0.7	0.3	1.4
Chignik		1,307	1,071	1,560	0.00	0.1	0.1	0.1
East of WASSIP		3,130	2,730	3,520	0.00	–	–	–
Total		8,824						
South Peninsula		No subregional reporting groups.						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.

Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.

Note: Harvest rate for East of WASSIP were not calculated because it was not part of WASSIP plan.

[a] Adjusted median; 1.02 times unadjusted median for regional reporting groups. Adjusted medians for subregional reporting groups may not sum to the adjusted median for the regional reporting groups because the adjustments were calculated independently.

Table 43.–Post-June, Ikatan area, Alaska Peninsula Area, Westward Region, 2007, all strata. Regional and subregional (within South Peninsula) reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

Reporting Group		Harvest = 19,992; 1 stratum				Harvest Rate (%)		
			90% CI				90% CI	
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Norton Sound		0	0	1	0.94	0.0	0.0	0.0
Kuskokwim Bay		219	22	1,004	0.03	0.0	0.0	0.1
Bristol Bay		4,937	3,829	6,001	0.00	0.0	0.0	0.0
North Peninsula		1,840	1,029	2,755	0.00	0.1	0.0	0.1
South Peninsula		1,303	787	1,939	0.00	0.8	0.3	1.9
Chignik		2,835	2,111	3,616	0.00	0.2	0.1	0.2
East of WASSIP		8,858	7,551	10,080	0.00	–	–	–
Total		19,991						
South Peninsula		No subregional reporting groups.						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.

Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.

Note: Harvest rate for East of WASSIP were not calculated because it was not part of WASSIP plan.

[a] Adjusted median; 1.03 times unadjusted median for regional reporting groups. Adjusted medians for subregional reporting groups may not sum to the adjusted median for the regional reporting groups because the adjustments were calculated independently.

Table 44.–Post-June, Ikatan area, Alaska Peninsula Area, Westward Region, 2008, all strata. Regional and subregional (within South Peninsula) reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

Reporting Group		Harvest = 13,842; 1 stratum				Harvest Rate (%)		
			90% CI				90% CI	
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Norton Sound		0	0	1	0.94	0.0	0.0	0.0
Kuskokwim Bay		0	0	175	0.76	0.0	0.0	0.0
Bristol Bay		4,944	4,243	5,652	0.00	0.0	0.0	0.0
North Peninsula		945	613	1,349	0.00	0.0	0.0	0.1
South Peninsula		2,605	2,063	3,176	0.00	1.2	0.6	2.1
Chignik		2,179	1,726	2,675	0.00	0.1	0.1	0.2
East of WASSIP		3,169	2,620	3,749	0.00	–	–	–
Total		13,842						
South Peninsula		No subregional reporting groups.						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.

Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.

Note: Harvest rate for East of WASSIP were not calculated because it was not part of WASSIP plan.

[a] Adjusted median; 1.03 times unadjusted median for regional reporting groups. Adjusted medians for subregional reporting groups may not sum to the adjusted median for the regional reporting groups because the adjustments were calculated independently.

Table 45.–Bear River Section, Northern District, Westward Region, 2006, all strata. Regional and subregional (within North Peninsula) reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

Reporting Group		Harvest = 576,552; 4 strata				Harvest Rate (%)		
			90% CI				90% CI	
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Norton Sound		0	0	949	0.74	0.0	0.0	1.2
Kuskokwim Bay		32	0	806	0.32	0.0	0.0	0.0
Bristol Bay		56,329	47,718	65,676	0.00	0.1	0.1	0.2
North Peninsula		493,449	467,870	518,514	0.00	15.3	13.0	17.2
South Peninsula		0	0	84	0.81	0.0	0.0	0.1
Chignik		578	37	2,149	0.01	0.0	0.0	0.1
East of WASSIP		26,164	20,595	32,600	0.00	–	–	–
Total		576,551						
North Peninsula	Cinder	8,014	3,323	13,770	0.01	2.7	0.9	6.1
	Meshik	1,333	725	3,741	0.00	0.4	0.1	1.2
	Ilnik	1,825	612	4,156	0.00	0.8	0.3	1.9
	Sandy	15,916	10,441	22,212	0.00	13.6	9.0	19.1
	Bear	442,294	415,277	463,992	0.00	34.9	32.9	36.9
	Nelson	24,255	19,119	29,889	0.00	4.1	3.2	5.1
	NW Dist.-BH	1,115	193	4,231	0.00	0.4	0.1	1.5

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
Note: Harvest rate for East of WASSIP were not calculated because it was not part of WASSIP plan.
[a] Adjusted median; 1.01 times unadjusted median for regional reporting groups. Adjusted medians for subregional reporting groups may not sum to the adjusted median for the regional reporting groups because the adjustments were calculated independently.

Table 46.–Bear River Section, Northern District, Westward Region, 2007, all strata. Regional and subregional (within North Peninsula) reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

Reporting Group		Harvest = 617,402; 4 strata				Harvest Rate (%)		
			90% CI				90% CI	
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Norton Sound		0	0	482	0.73	0.0	0.0	0.7
Kuskokwim Bay		638	35	2,089	0.01	0.0	0.0	0.1
Bristol Bay		7,484	4,653	10,928	0.00	0.0	0.0	0.0
North Peninsula		577,093	540,586	613,123	0.00	15.7	13.6	17.4
South Peninsula		805	0	4,781	0.39	0.5	0.0	3.9
Chignik		1,570	573	3,202	0.00	0.1	0.0	0.2
East of WASSIP		29,813	24,926	35,014	0.00	–	–	–
Total		617,402						
North Peninsula	Cinder	3,448	0	7,276	0.13	0.7	0.0	2.0
	Meshik	0	0	1,282	0.75	0.0	0.0	0.6
	Ilnik	0	0	996	0.60	0.0	0.0	0.4
	Sandy	7,469	4,538	11,000	0.00	8.5	5.2	12.4
	Bear	546,499	508,148	580,243	0.00	33.0	31.1	34.8
	Nelson	17,371	13,628	21,409	0.00	2.7	2.2	3.4
	NW Dist.-BH	3,849	2,142	6,127	0.00	1.2	0.5	2.5

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
Note: Harvest rate for East of WASSIP were not calculated because it was not part of WASSIP plan.
[a] Adjusted median; 1.01 times unadjusted median for regional reporting groups. Adjusted medians for subregional reporting groups may not sum to the adjusted median for the regional reporting groups because the adjustments were calculated independently.

Table 47.–Bear River Section, Northern District, Westward Region, 2008, all strata. Regional and subregional (within North Peninsula) reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

Reporting Group		Harvest = 417,261; 1 stratum				Harvest Rate (%)		
			90% CI				90% CI	
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Norton Sound		0	0	0	1.00	0.0	0.0	0.0
Kuskokwim Bay		0	0	0	1.00	0.0	0.0	0.0
Bristol Bay		0	0	0	1.00	0.0	0.0	0.0
North Peninsula		417,261	383,829	452,415	0.00	14.1	11.2	16.8
South Peninsula		0	0	0	1.00	0.0	0.0	0.0
Chignik		0	0	0	1.00	0.0	0.0	0.0
East of WASSIP		0	0	0	1.00	–	–	–
Total		417,261						
North Peninsula	Cinder	0	0	0	1.00	0.0	0.0	0.0
	Meshik	0	0	0	1.00	0.0	0.0	0.0
	Ilnik	0	0	0	1.00	0.0	0.0	0.0
	Sandy	0	0	0	1.00	0.0	0.0	0.0
	Bear	417,261	383,829	452,415	0.00	38.2	35.6	40.8
	Nelson	0	0	0	1.00	0.0	0.0	0.0
	NW Dist.-BH	0	0	0	1.00	0.0	0.0	0.0

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
Note: Harvest rate for East of WASSIP were not calculated because it was not part of WASSIP plan.
[a] Adjusted median; 1.00 times unadjusted median for regional reporting groups. Adjusted medians for subregional reporting groups may not sum to the adjusted median for the regional reporting groups because the adjustments were calculated independently.

Table 48.–Three Hills Section, Northern District, Westward Region, 2006, all strata. Regional and subregional (within North Peninsula) reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

Reporting Group		Harvest = 153,343; 3 strata				Harvest Rate (%)		
			90% CI				90% CI	
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Norton Sound		0	0	31	0.88	0.0	0.0	0.0
Kuskokwim Bay		427	0	1,491	0.20	0.0	0.0	0.1
Bristol Bay		41,556	37,038	46,245	0.00	0.1	0.1	0.1
North Peninsula		106,867	99,917	113,577	0.00	3.3	2.8	3.8
South Peninsula		0	0	658	0.63	0.0	0.0	0.5
Chignik		0	0	70	0.77	0.0	0.0	0.0
East of WASSIP		4,492	3,316	5,910	0.00	–	–	–
Total		153,344						
North Peninsula	Cinder	1,804	755	4,328	0.00	0.6	0.2	1.8
	Meshik	4,380	1,695	7,019	0.00	1.1	0.4	2.7
	Ilnik	5,924	3,756	8,317	0.00	2.6	1.6	3.8
	Sandy	2,308	1,152	3,845	0.00	2.0	1.0	3.4
	Bear	85,071	78,179	90,192	0.00	6.7	6.2	7.2
	Nelson	7,851	5,789	10,055	0.00	1.3	1.0	1.7
	NW Dist.-BH	70	2	320	0.04	0.0	0.0	0.1

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
Note: Harvest rate for East of WASSIP were not calculated because it was not part of WASSIP plan.
[a] Adjusted median; 1.01 times unadjusted median for regional reporting groups. Adjusted medians for subregional reporting groups may not sum to the adjusted median for the regional reporting groups because the adjustments were calculated independently.

Table 49.–Three Hills Section, Northern District, Westward Region, 2007, all strata. Regional and subregional (within North Peninsula) reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

Reporting Group		Harvest = 234,930; 2 strata				Harvest Rate (%)		
			90% CI				90% CI	
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Norton Sound		0	0	1	0.94	0.0	0.0	0.0
Kuskokwim Bay		0	0	334	0.74	0.0	0.0	0.0
Bristol Bay		20,763	17,683	24,038	0.00	0.0	0.0	0.1
North Peninsula		209,178	193,946	224,812	0.00	5.7	4.9	6.4
South Peninsula		0	0	161	0.90	0.0	0.0	0.1
Chignik		0	0	19	0.88	0.0	0.0	0.0
East of WASSIP		4,989	3,610	6,635	0.00	–	–	–
Total		234,931						
North Peninsula	Cinder	2,568	1,108	4,400	0.01	0.6	0.2	1.2
	Meshik	120	0	1,378	0.34	0.1	0.0	0.7
	Ilnik	4,565	2,350	6,917	0.00	1.7	0.9	2.7
	Sandy	1,408	625	2,542	0.00	1.6	0.7	2.9
	Bear	200,645	184,654	215,273	0.00	12.1	11.2	13.1
	Nelson	162	14	638	0.00	0.0	0.0	0.1
	NW Dist.-BH	110	1	495	0.04	0.0	0.0	0.2

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
Note: Harvest rate for East of WASSIP were not calculated because it was not part of WASSIP plan.
[a] Adjusted median; 1.01 times unadjusted median for regional reporting groups. Adjusted medians for subregional reporting groups may not sum to the adjusted median for the regional reporting groups because the adjustments were calculated independently.

Table 50.–Three Hills Section, Northern District, Westward Region, 2008, all strata. Regional and subregional (within North Peninsula) reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

Reporting Group		Harvest = 123,344; 1 stratum				Harvest Rate (%)		
			90% CI				90% CI	
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Norton Sound		0	0	0	1.00	0.0	0.0	0.0
Kuskokwim Bay		0	0	0	1.00	0.0	0.0	0.0
Bristol Bay		0	0	0	1.00	0.0	0.0	0.0
North Peninsula		123,344	113,443	133,758	0.00	4.2	3.3	5.0
South Peninsula		0	0	0	1.00	0.0	0.0	0.0
Chignik		0	0	0	1.00	0.0	0.0	0.0
East of WASSIP		0	0	0	1.00	–	–	–
Total		123,344						
North Peninsula	Cinder	0	0	0	1.00	0.0	0.0	0.0
	Meshik	0	0	0	1.00	0.0	0.0	0.0
	Ilnik	0	0	0	1.00	0.0	0.0	0.0
	Sandy	0	0	0	1.00	0.0	0.0	0.0
	Bear	123,344	113,443	133,758	0.00	11.3	10.3	12.3
	Nelson	0	0	0	1.00	0.0	0.0	0.0
	NW Dist.-BH	0	0	0	1.00	0.0	0.0	0.0

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
Note: Harvest rate for East of WASSIP were not calculated because it was not part of WASSIP plan.
[a] Adjusted median; 1.00 times unadjusted median for regional reporting groups. Adjusted medians for subregional reporting groups may not sum to the adjusted median for the regional reporting groups because the adjustments were calculated independently.

Table 51.–Ilnik Section southern statistical area, Northern District, Westward Region, 2006, all strata. Regional and subregional (within North Peninsula) reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

Reporting Group		Harvest = 776,160; 4 strata				Harvest Rate (%)		
			90% CI				90% CI	
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Norton Sound		0	0	1,305	0.76	0.0	0.0	1.7
Kuskokwim Bay		9,175	864	17,705	0.01	0.5	0.0	0.9
Bristol Bay		366,210	336,895	395,934	0.00	0.8	0.8	0.9
North Peninsula		373,191	345,530	400,344	0.00	11.5	9.7	13.1
South Peninsula		0	0	1,004	0.75	0.0	0.0	0.7
Chignik		1	0	2,384	0.49	0.0	0.0	0.1
East of WASSIP		27,583	21,008	35,520	0.00	–	–	–
Total		776,161						
North Peninsula	Cinder	17,864	2,988	35,057	0.00	5.8	1.0	14.4
	Meshik	15,822	5,509	32,725	0.00	4.2	1.2	11.4
	Ilnik	67,574	51,920	83,256	0.00	29.4	22.5	36.9
	Sandy	29,344	19,880	39,850	0.00	24.9	17.7	32.9
	Bear	211,586	190,510	228,821	0.00	16.6	15.2	18.1
	Nelson	31,932	23,003	41,658	0.00	5.3	3.9	7.0
	NW Dist.-BH	0	0	362	0.75	0.0	0.0	0.1

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
Note: Harvest rate for East of WASSIP were not calculated because it was not part of WASSIP plan.
[a] Adjusted median; 1.01 times unadjusted median for regional reporting groups. Adjusted medians for subregional reporting groups may not sum to the adjusted median for the regional reporting groups because the adjustments were calculated independently.

Table 52.–Ilnik Section southern statistical area, Northern District, Westward Region, 2007, all strata. Regional and subregional (within North Peninsula) reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

Reporting Group		Harvest = 1,029,873; 4 strata				Harvest Rate (%)		
			90% CI				90% CI	
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Norton Sound		0	0	133	0.81	0.0	0.0	0.2
Kuskokwim Bay		336	0	6,974	0.26	0.0	0.0	0.5
Bristol Bay		514,497	474,892	554,142	0.00	1.1	1.0	1.2
North Peninsula		487,803	455,375	519,489	0.00	13.3	11.5	14.8
South Peninsula		0	0	232	0.79	0.0	0.0	0.2
Chignik		0	0	387	0.66	0.0	0.0	0.0
East of WASSIP		27,237	20,145	35,740	0.00	–	–	–
Total		1,029,874						
North Peninsula	Cinder	50,593	33,236	69,826	0.00	11.3	5.4	20.5
	Meshik	21,230	2,373	39,502	0.01	9.1	1.1	19.1
	Ilnik	92,663	77,873	107,888	0.00	35.5	28.5	42.9
	Sandy	12,244	6,746	20,552	0.00	13.9	8.1	21.8
	Bear	268,352	244,389	289,177	0.00	16.1	14.9	17.5
	Nelson	41,240	31,179	52,402	0.00	6.5	5.0	8.2
	NW Dist.-BH	2,520	764	5,689	0.00	0.8	0.2	2.1

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
Note: Harvest rate for East of WASSIP were not calculated because it was not part of WASSIP plan.
[a] Adjusted median; 1.01 times unadjusted median for regional reporting groups. Adjusted medians for subregional reporting groups may not sum to the adjusted median for the regional reporting groups because the adjustments were calculated independently.

Table 53.–Ilnik Section southern statistical area, Northern District, Westward Region, 2008, all strata. Regional and subregional (within North Peninsula) reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

Reporting Group		Harvest = 348,585; 3 strata				Harvest Rate (%)		
			90% CI				90% CI	
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Norton Sound		0	0	36	0.87	0.0	0.0	0.1
Kuskokwim Bay		11,253	6,932	15,977	0.00	0.9	0.5	1.4
Bristol Bay		162,912	149,950	175,877	0.00	0.4	0.4	0.4
North Peninsula		173,941	161,742	185,983	0.00	5.9	4.7	7.0
South Peninsula		0	0	209	0.83	0.0	0.0	0.1
Chignik		0	0	110	0.77	0.0	0.0	0.0
East of WASSIP		479	0	3,012	0.19	–	–	–
Total		348,585						
North Peninsula	Cinder	9,256	4,823	14,517	0.00	2.8	1.1	6.5
	Meshik	28,946	22,646	35,558	0.00	8.5	4.8	13.2
	Ilnik	9,404	6,319	13,018	0.00	10.8	5.5	19.7
	Sandy	1,542	262	4,209	0.01	3.6	0.6	9.6
	Bear	112,474	102,582	120,620	0.00	10.2	9.3	11.1
	Nelson	12,874	9,343	16,818	0.00	2.9	1.9	4.2
	NW Dist.-BH	0	0	581	0.81	0.0	0.0	0.1

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
Note: Harvest rate for East of WASSIP were not calculated because it was not part of WASSIP plan.
[a] Adjusted median; 1.01 times unadjusted median for regional reporting groups. Adjusted medians for subregional reporting groups may not sum to the adjusted median for the regional reporting groups because the adjustments were calculated independently.

Table 54.–Ilnik Section northern statistical area, Northern District, Westward Region, 2006, all strata. Regional and subregional (within North Peninsula) reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

Reporting Group		Harvest = 541,741; 4 strata				Harvest Rate (%)		
			90% CI				90% CI	
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Norton Sound		0	0	326	0.79	0.0	0.0	0.4
Kuskokwim Bay		6,515	0	14,908	0.08	0.3	0.0	0.8
Bristol Bay		367,493	340,029	394,709	0.00	0.8	0.8	0.9
North Peninsula		150,176	132,290	168,734	0.00	4.6	3.8	5.5
South Peninsula		0	0	290	0.78	0.0	0.0	0.2
Chignik		1	0	2,319	0.48	0.0	0.0	0.1
East of WASSIP		17,556	13,197	23,010	0.00	–	–	–
Total		541,743						
North Peninsula	Cinder	10,641	5,612	23,324	0.00	3.7	1.5	9.3
	Meshik	17,263	1,853	32,286	0.00	4.3	0.5	11.6
	Ilnik	33,114	23,116	44,352	0.00	14.3	10.0	19.6
	Sandy	12,395	7,351	18,775	0.00	10.5	6.4	15.9
	Bear	58,172	46,369	69,414	0.00	4.5	3.7	5.5
	Nelson	18,454	11,617	26,393	0.00	3.1	2.0	4.4
	NW Dist.-BH	0	0	2,043	0.53	0.0	0.0	0.7

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
Note: Harvest rate for East of WASSIP were not calculated because it was not part of WASSIP plan.
[a] Adjusted median; 1.02 times unadjusted median for regional reporting groups. Adjusted medians for subregional reporting groups may not sum to the adjusted median for the regional reporting groups because the adjustments were calculated independently.

Table 55.–Ilnik Section northern statistical area, Northern District, Westward Region, 2007, all strata. Regional and subregional (within North Peninsula) reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

Reporting Group		Harvest = 746,557; 4 strata				Harvest Rate (%)		
			90% CI				90% CI	
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Norton Sound		750	0	2,409	0.09	1.1	0.0	3.6
Kuskokwim Bay		17,460	7,474	29,342	0.00	1.1	0.5	2.0
Bristol Bay		407,925	373,698	442,458	0.00	0.9	0.8	0.9
North Peninsula		272,706	247,273	298,794	0.00	7.4	6.3	8.4
South Peninsula		0	0	248	0.79	0.0	0.0	0.2
Chignik		0	0	898	0.58	0.0	0.0	0.1
East of WASSIP		47,716	38,544	58,100	0.00	–	–	–
Total		746,557						
North Peninsula	Cinder	33,908	19,446	49,222	0.00	7.5	3.3	14.2
	Meshik	27,662	17,354	42,870	0.00	12.3	6.2	22.0
	Ilnik	28,305	20,074	41,178	0.00	10.8	7.6	15.7
	Sandy	17,700	10,193	27,233	0.00	20.0	12.5	28.5
	Bear	143,841	124,867	160,238	0.00	8.6	7.6	9.7
	Nelson	21,580	14,420	30,175	0.00	3.4	2.3	4.8
	NW Dist.-BH	0	0	260	0.79	0.0	0.0	0.1

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
Note: Harvest rate for East of WASSIP were not calculated because it was not part of WASSIP plan.
[a] Adjusted median; 1.02 times unadjusted median for regional reporting groups. Adjusted medians for subregional reporting groups may not sum to the adjusted median for the regional reporting groups because the adjustments were calculated independently.

Table 56.–Ilnik Section northern statistical area, Northern District, Westward Region, 2008, all strata. Regional and subregional (within North Peninsula) reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

Reporting Group		Harvest = 537,049; 3 strata				Harvest Rate (%)		
			90% CI				90% CI	
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Norton Sound		0	0	57	0.86	0.0	0.0	0.2
Kuskokwim Bay		4,458	0	11,160	0.08	0.3	0.0	0.9
Bristol Bay		398,481	370,064	426,392	0.00	0.9	0.9	1.0
North Peninsula		131,561	115,835	148,028	0.00	4.4	3.4	5.4
South Peninsula		0	0	72	0.86	0.0	0.0	0.0
Chignik		0	0	349	0.73	0.0	0.0	0.0
East of WASSIP		2,549	927	5,434	0.00	–	–	–
Total		537,050						
North Peninsula	Cinder	9,556	0	19,840	0.14	2.7	0.0	8.0
	Meshik	58,156	44,394	72,405	0.00	17.1	9.5	26.4
	Ilnik	2,533	467	14,095	0.00	3.0	0.5	16.2
	Sandy	0	0	1,789	0.75	0.0	0.0	4.1
	Bear	57,997	50,138	65,655	0.00	5.2	4.6	6.0
	Nelson	2,154	303	5,523	0.00	0.5	0.1	1.3
	NW Dist.-BH	0	0	52	0.87	0.0	0.0	0.0

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
Note: Harvest rate for East of WASSIP were not calculated because it was not part of WASSIP plan.
[a] Adjusted median; 1.01 times unadjusted median for regional reporting groups. Adjusted medians for subregional reporting groups may not sum to the adjusted median for the regional reporting groups because the adjustments were calculated independently.

Table 57.–Outer Port Heiden Section, Northern District, Westward Region, 2006, all strata. Regional and subregional (within North Peninsula) reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

Reporting Group		Harvest = 0; 0 strata				Harvest Rate (%)		
			90% CI				90% CI	
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Norton Sound		0	0	0	1.00	0.0	0.0	0.0
Kuskokwim Bay		0	0	0	1.00	0.0	0.0	0.0
Bristol Bay		0	0	0	1.00	0.0	0.0	0.0
North Peninsula		0	0	0	1.00	0.0	0.0	0.0
South Peninsula		0	0	0	1.00	0.0	0.0	0.0
Chignik		0	0	0	1.00	0.0	0.0	0.0
East of WASSIP		0	0	0	1.00	–	–	–
Total		0						
North Peninsula	Cinder	0	0	0	1.00	0.0	0.0	0.0
	Meshik	0	0	0	1.00	0.0	0.0	0.0
	Ilnik	0	0	0	1.00	0.0	0.0	0.0
	Sandy	0	0	0	1.00	0.0	0.0	0.0
	Bear	0	0	0	1.00	0.0	0.0	0.0
	Nelson	0	0	0	1.00	0.0	0.0	0.0
	NW Dist.-BH	0	0	0	1.00	0.0	0.0	0.0

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
Note: Harvest rate for East of WASSIP were not calculated because it was not part of WASSIP plan.
[a] Adjusted median; NaN times unadjusted median for regional reporting groups. Adjusted medians for subregional reporting groups may not sum to the adjusted median for the regional reporting groups because the adjustments were calculated independently.

Table 58.–Outer Port Heiden Section, Northern District, Westward Region, 2007, all strata. Regional and subregional (within North Peninsula) reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

Reporting Group		Harvest = 387,786; 3 strata				Harvest Rate (%)		
			90% CI				90% CI	
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Norton Sound		0	0	1,001	0.76	0.0	0.0	1.5
Kuskokwim Bay		1,130	0	8,063	0.06	0.1	0.0	0.5
Bristol Bay		282,061	262,713	299,131	0.00	0.6	0.6	0.6
North Peninsula		91,991	80,763	103,034	0.00	2.5	2.1	2.9
South Peninsula		0	0	1,217	0.69	0.0	0.0	0.8
Chignik		225	0	1,514	0.29	0.0	0.0	0.1
East of WASSIP		12,380	8,627	17,064	0.00	–	–	–
Total		387,788						
North Peninsula	Cinder	18,909	11,100	26,973	0.00	4.2	1.9	7.9
	Meshik	26,140	17,543	35,200	0.00	11.5	6.0	19.6
	Ilnik	8,512	4,628	13,709	0.00	3.2	1.8	5.4
	Sandy	0	0	321	0.78	0.0	0.0	0.4
	Bear	33,714	27,117	40,222	0.00	2.0	1.7	2.4
	Nelson	4,560	2,284	7,725	0.00	0.7	0.4	1.2
	NW Dist.-BH	0	0	81	0.82	0.0	0.0	0.0

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
Note: Harvest rate for East of WASSIP were not calculated because it was not part of WASSIP plan.
[a] Adjusted median; 1.01 times unadjusted median for regional reporting groups. Adjusted medians for subregional reporting groups may not sum to the adjusted median for the regional reporting groups because the adjustments were calculated independently.

Table 59.–Outer Port Heiden Section, Northern District, Westward Region, 2008, all strata. Regional and subregional (within North Peninsula) reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

Reporting Group		Harvest = 321,730; 3 strata				Harvest Rate (%)		
			90% CI				90% CI	
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Norton Sound		0	0	84	0.82	0.0	0.0	0.3
Kuskokwim Bay		1,294	0	3,845	0.11	0.1	0.0	0.3
Bristol Bay		262,543	246,695	278,181	0.00	0.6	0.6	0.7
North Peninsula		57,591	49,486	66,311	0.00	1.9	1.5	2.4
South Peninsula		0	0	197	0.72	0.0	0.0	0.1
Chignik		0	0	110	0.70	0.0	0.0	0.0
East of WASSIP		303	90	733	0.00	–	–	–
Total		321,730						
North Peninsula	Cinder	5,251	0	11,883	0.06	1.5	0.0	4.8
	Meshik	44,872	36,409	53,299	0.00	13.3	7.5	20.2
	Ilnik	0	0	867	0.75	0.0	0.0	1.0
	Sandy	0	0	410	0.73	0.0	0.0	1.0
	Bear	7,128	4,544	10,465	0.00	0.7	0.4	1.0
	Nelson	0	0	45	0.83	0.0	0.0	0.0
	NW Dist.-BH	0	0	450	0.63	0.0	0.0	0.1

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
Note: Harvest rate for East of WASSIP were not calculated because it was not part of WASSIP plan.
[a] Adjusted median; 1.01 times unadjusted median for regional reporting groups. Adjusted medians for subregional reporting groups may not sum to the adjusted median for the regional reporting groups because the adjustments were calculated independently.

Table 60.–Ugashik District, Bristol Bay Area, Central Region, 2006, all strata. Regional and subregional (within Bristol Bay) reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

Reporting Group		Harvest = 2,429,597; 5 strata				Harvest Rate (%)		
			90% CI				90% CI	
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Norton Sound		0	0	1,926	0.64	0.0	0.0	2.5
Kuskokwim Bay		9,262	2,992	20,249	0.00	0.5	0.1	1.0
Bristol Bay		2,392,509	2,293,149	2,488,558	0.00	5.5	5.2	5.7
North Peninsula		27,825	14,082	46,794	0.00	0.9	0.4	1.5
South Peninsula		0	0	473	0.68	0.0	0.0	0.3
Chignik		1	0	998	0.46	0.0	0.0	0.0
East of WASSIP		0	0	428	0.68	–	–	–
Total		2,429,597						
Bristol Bay	Togiak	73	0	3,575	0.38	0.0	0.0	0.5
	Igushik	97	0	8,150	0.38	0.0	0.0	1.1
	Wood	22,718	12,111	39,380	0.00	0.2	0.1	0.3
	Nushagak	641	0	13,476	0.33	0.0	0.0	0.5
	Kvichak	40,817	26,611	58,675	0.00	0.7	0.5	1.0
	Alagnak	12,544	5,891	21,880	0.00	0.4	0.2	0.7
	Naknek	37,748	24,502	54,032	0.00	0.7	0.5	1.0
	Egegik	180,775	131,435	251,605	0.00	2.1	1.5	2.9
	Ugashik	2,103,104	1,975,033	2,191,376	0.00	50.5	47.1	54.4

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
Note: Harvest rate for East of WASSIP were not calculated because it was not part of WASSIP plan.
[a] Adjusted median; 1.01 times unadjusted median for regional reporting groups. Adjusted medians for subregional reporting groups may not sum to the adjusted median for the regional reporting groups because the adjustments were calculated independently.

Table 61.–Ugashik District, Bristol Bay Area, Central Region, 2007, all strata. Regional and subregional (within Bristol Bay) reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

Reporting Group		Harvest = 5,026,615; 5 strata				Harvest Rate (%)		
			90% CI				90% CI	
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Norton Sound		0	0	927	0.65	0.0	0.0	1.4
Kuskokwim Bay		2,315	0	18,042	0.15	0.2	0.0	1.2
Bristol Bay		5,001,014	4,763,536	5,232,171	0.00	10.6	10.1	11.1
North Peninsula		23,164	10,205	51,629	0.00	0.6	0.3	1.4
South Peninsula		0	0	1,567	0.67	0.0	0.0	1.0
Chignik		1	0	1,455	0.48	0.0	0.0	0.1
East of WASSIP		120	3	894	0.04	–	–	–
Total		5,026,615						
Bristol Bay	Togiak	0	0	730	0.69	0.0	0.0	0.1
	Igushik	4,427	5	21,690	0.05	0.5	0.0	2.6
	Wood	5,147	1,336	18,675	0.00	0.1	0.0	0.2
	Nushagak	0	0	1,928	0.60	0.0	0.0	0.1
	Kvichak	106,958	52,269	170,203	0.00	1.8	0.9	2.9
	Alagnak	41,729	18,214	75,767	0.00	0.9	0.4	1.6
	Naknek	93,246	55,007	141,711	0.00	1.1	0.6	1.6
	Egegik	513,071	291,086	1,076,358	0.00	6.8	4.0	13.4
	Ugashik	4,250,184	3,645,635	4,536,806	0.00	53.9	50.2	56.7

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
Note: Harvest rate for East of WASSIP were not calculated because it was not part of WASSIP plan.
[a] Adjusted median; 1.01 times unadjusted median for regional reporting groups. Adjusted medians for subregional reporting groups may not sum to the adjusted median for the regional reporting groups because the adjustments were calculated independently.

Table 62.–Ugashik District, Bristol Bay Area, Central Region, 2008, all strata. Regional and subregional (within Bristol Bay) reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

Reporting Group		Harvest = 2,334,022; 5 strata				Harvest Rate (%)		
			90% CI				90% CI	
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Norton Sound		0	0	693	0.68	0.0	0.0	2.3
Kuskokwim Bay		15,180	1,173	35,750	0.01	1.2	0.1	2.9
Bristol Bay		2,312,506	2,198,814	2,425,619	0.00	5.4	5.2	5.7
North Peninsula		6,336	1,801	17,551	0.00	0.2	0.1	0.6
South Peninsula		0	0	371	0.69	0.0	0.0	0.2
Chignik		1	0	692	0.49	0.0	0.0	0.0
East of WASSIP		0	0	512	0.69	–	–	–
Total		2,334,021						
Bristol Bay	Togiak	186	0	5,381	0.31	0.0	0.0	0.7
	Igushik	1,249	0	6,223	0.12	0.1	0.0	0.4
	Wood	5,136	306	11,482	0.03	0.1	0.0	0.2
	Nushagak	5,344	7	14,029	0.04	0.3	0.0	0.7
	Kvichak	43,674	19,151	75,787	0.00	0.7	0.3	1.2
	Alagnak	35,306	20,363	55,609	0.00	0.8	0.5	1.2
	Naknek	40,457	22,518	64,398	0.00	0.5	0.3	0.7
	Egegik	358,024	268,683	483,098	0.00	4.5	3.4	6.0
	Ugashik	1,832,096	1,667,143	1,947,538	0.00	57.6	53.3	62.3

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.

Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.

Note: Harvest rate for East of WASSIP were not calculated because it was not part of WASSIP plan.

[a] Adjusted median; 1.01 times unadjusted median for regional reporting groups. Adjusted medians for subregional reporting groups may not sum to the adjusted median for the regional reporting groups because the adjustments were calculated independently.

Table 63.–Egegik District, Bristol Bay Area, Central Region, 2006, all strata. Regional and subregional (within Bristol Bay) reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

Reporting Group		Harvest = 7,408,233; 5 strata				Harvest Rate (%)		
			90% CI				90% CI	
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Norton Sound		0	0	1,255	0.67	0.0	0.0	1.6
Kuskokwim Bay		10,313	0	29,658	0.06	0.5	0.0	1.5
Bristol Bay		7,397,000	7,110,098	7,679,074	0.00	16.9	16.3	17.5
North Peninsula		918	1	12,233	0.05	0.0	0.0	0.4
South Peninsula		0	0	3,332	0.60	0.0	0.0	2.2
Chignik		2	0	2,135	0.45	0.0	0.0	0.1
East of WASSIP		0	0	2,490	0.63	–	–	–
Total		7,408,232						
Bristol Bay	Togiak	0	0	4,241	0.62	0.0	0.0	0.5
	Igushik	1,370	0	39,389	0.34	0.2	0.0	5.2
	Wood	16,224	0	46,250	0.08	0.1	0.0	0.4
	Nushagak	2,516	0	19,579	0.27	0.1	0.0	0.7
	Kvichak	158,605	105,030	225,473	0.00	2.8	1.9	4.0
	Alagnak	73,314	49,613	104,545	0.00	2.2	1.5	3.1
	Naknek	227,783	169,287	294,813	0.00	4.3	3.2	5.5
	Egegik	6,412,241	6,045,591	6,771,356	0.00	74.5	72.7	76.2
	Ugashik	507,177	231,267	738,531	0.00	12.2	6.0	16.9

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
Note: Harvest rate for East of WASSIP were not calculated because it was not part of WASSIP plan.
[a] Adjusted median; 1.00 times unadjusted median for regional reporting groups. Adjusted medians for subregional reporting groups may not sum to the adjusted median for the regional reporting groups because the adjustments were calculated independently.

Table 64.–Egegik District, Bristol Bay Area, Central Region, 2007, all strata. Regional and subregional (within Bristol Bay) reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

Reporting Group		Harvest = 6,495,908; 5 strata				Harvest Rate (%)		
			90% CI				90% CI	
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Norton Sound		0	0	1,741	0.65	0.0	0.0	2.5
Kuskokwim Bay		16,498	1	52,729	0.05	1.0	0.0	3.4
Bristol Bay		6,478,290	6,208,394	6,741,961	0.00	13.7	13.2	14.2
North Peninsula		1,119	1	16,722	0.04	0.0	0.0	0.5
South Peninsula		0	0	1,028	0.67	0.0	0.0	0.7
Chignik		2	0	2,632	0.44	0.0	0.0	0.2
East of WASSIP		0	0	1,079	0.67	–	–	–
Total		6,495,909						
Bristol Bay	Togiak	10,585	2,225	26,709	0.00	1.0	0.2	2.6
	Igushik	15,916	4,155	38,118	0.00	1.9	0.5	4.5
	Wood	47,540	26,299	74,822	0.00	0.6	0.3	0.9
	Nushagak	7,165	0	35,577	0.14	0.3	0.0	1.4
	Kvichak	518,635	418,311	623,894	0.00	8.9	7.3	10.7
	Alagnak	245,324	187,711	309,750	0.00	5.1	3.9	6.4
	Naknek	427,387	326,001	535,382	0.00	4.9	3.8	6.2
	Egegik	5,015,799	4,696,770	5,269,562	0.00	66.6	61.9	69.5
	Ugashik	202,540	71,252	387,339	0.00	2.6	0.9	4.9

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
Note: Harvest rate for East of WASSIP were not calculated because it was not part of WASSIP plan.
[a] Adjusted median; 1.01 times unadjusted median for regional reporting groups. Adjusted medians for subregional reporting groups may not sum to the adjusted median for the regional reporting groups because the adjustments were calculated independently.

Table 65.–Egegik District, Bristol Bay Area, Central Region, 2008, all strata. Regional and subregional (within Bristol Bay) reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

Reporting Group		Harvest = 7,403,885; 5 strata				Harvest Rate (%)		
			90% CI				90% CI	
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Norton Sound		0	0	3,715	0.63	0.0	0.0	11.1
Kuskokwim Bay		13,682	0	35,803	0.05	1.0	0.0	2.9
Bristol Bay		7,388,790	7,071,304	7,706,114	0.00	17.3	16.7	18.0
North Peninsula		1,411	1	16,072	0.04	0.1	0.0	0.5
South Peninsula		0	0	1,308	0.66	0.0	0.0	0.6
Chignik		2	0	2,332	0.45	0.0	0.0	0.2
East of WASSIP		0	0	1,933	0.63	–	–	–
Total		7,403,885						
Bristol Bay	Togiak	1,674	0	19,331	0.32	0.2	0.0	2.5
	Igushik	33,169	9,785	58,607	0.01	1.9	0.6	3.4
	Wood	42,172	15,241	92,556	0.00	0.6	0.2	1.3
	Nushagak	18,278	0	66,162	0.06	0.9	0.0	3.1
	Kvichak	686,044	564,572	817,834	0.00	10.9	9.1	12.8
	Alagnak	221,340	164,979	289,477	0.00	4.9	3.7	6.4
	Naknek	730,498	613,202	857,688	0.00	8.3	7.0	9.7
	Egegik	5,358,613	5,008,623	5,681,517	0.00	67.3	65.1	69.4
	Ugashik	300,359	83,339	506,901	0.00	9.5	2.8	15.2

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
Note: Harvest rate for East of WASSIP were not calculated because it was not part of WASSIP plan.
[a] Adjusted median; 1.00 times unadjusted median for regional reporting groups. Adjusted medians for subregional reporting groups may not sum to the adjusted median for the regional reporting groups because the adjustments were calculated independently.

Table 66.–Naknek-Kvichak District, Bristol Bay Area, Central Region, 2006, all strata. Regional and subregional (within Bristol Bay) reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

Reporting Group		Harvest = 7,150,540; 7 strata				Harvest Rate (%)		
			90% CI				90% CI	
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Norton Sound		0	0	4,898	0.54	0.0	0.0	6.1
Kuskokwim Bay		614	0	12,166	0.12	0.0	0.0	0.6
Bristol Bay		7,138,829	6,850,905	7,422,140	0.00	16.3	15.7	16.9
North Peninsula		11,085	1,079	30,849	0.00	0.3	0.0	1.0
South Peninsula		0	0	2,859	0.55	0.0	0.0	1.9
Chignik		12	0	2,534	0.34	0.0	0.0	0.1
East of WASSIP		0	0	1,536	0.58	–	–	–
Total		7,150,542						
Bristol Bay	Togiak	391	0	4,247	0.22	0.1	0.0	0.5
	Igushik	3,656	0	28,866	0.22	0.5	0.0	3.8
	Wood	46,016	26,203	71,135	0.00	0.4	0.2	0.6
	Nushagak	11,467	2,228	28,802	0.00	0.4	0.1	1.1
	Kvichak	2,322,878	2,156,529	2,478,688	0.00	40.9	38.4	43.4
	Alagnak	1,461,145	1,337,534	1,579,934	0.00	43.1	40.3	45.9
	Naknek	2,962,182	2,754,364	3,158,141	0.00	55.4	52.9	57.9
	Egegik	291,406	223,303	367,299	0.00	3.4	2.6	4.3
	Ugashik	45,089	3,067	101,425	0.02	1.1	0.1	2.4

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
Note: Harvest rate for East of WASSIP were not calculated because it was not part of WASSIP plan.
[a] Adjusted median; 1.00 times unadjusted median for regional reporting groups. Adjusted medians for subregional reporting groups may not sum to the adjusted median for the regional reporting groups because the adjustments were calculated independently.

Table 67.–Naknek-Kvichak District, Bristol Bay Area, Central Region, 2007, all strata. Regional and subregional (within Bristol Bay) reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

Reporting Group		Harvest = 9,022,511; 5 strata				Harvest Rate (%)		
			90% CI				90% CI	
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Norton Sound		0	0	3,548	0.64	0.0	0.0	5.0
Kuskokwim Bay		6,154	0	86,787	0.13	0.4	0.0	5.5
Bristol Bay		9,014,702	8,585,469	9,407,045	0.00	19.0	18.3	19.8
North Peninsula		1,651	2	15,871	0.04	0.0	0.0	0.4
South Peninsula		0	0	3,738	0.63	0.0	0.0	2.4
Chignik		4	0	3,047	0.43	0.0	0.0	0.2
East of WASSIP		0	0	2,041	0.65	–	–	–
Total		9,022,511						
Bristol Bay	Togiak	0	0	9,505	0.57	0.0	0.0	0.9
	Igushik	9,674	0	45,740	0.19	1.1	0.0	5.3
	Wood	45,496	24,045	84,291	0.00	0.6	0.3	1.0
	Nushagak	89,256	32,330	158,096	0.00	3.4	1.3	6.0
	Kvichak	2,146,599	1,928,140	2,349,360	0.00	36.8	34.0	39.7
	Alagnak	1,852,336	1,659,381	2,034,744	0.00	38.3	35.4	41.3
	Naknek	4,726,847	4,359,197	5,048,358	0.00	54.4	51.9	56.9
	Egegik	144,811	57,695	244,277	0.00	1.9	0.8	3.2
	Ugashik	5,874	0	60,856	0.19	0.1	0.0	0.8

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
Note: Harvest rate for East of WASSIP were not calculated because it was not part of WASSIP plan.
[a] Adjusted median; 1.01 times unadjusted median for regional reporting groups. Adjusted medians for subregional reporting groups may not sum to the adjusted median for the regional reporting groups because the adjustments were calculated independently.

Table 68.–Naknek-Kvichak District, Bristol Bay Area, Central Region, 2008, all strata. Regional and subregional (within Bristol Bay) reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

Reporting Group		Harvest = 10,381,844; 6 strata				Harvest Rate (%)		
			90% CI				90% CI	
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Norton Sound		0	0	4,156	0.58	0.0	0.0	12.5
Kuskokwim Bay		20,230	1,241	62,246	0.01	1.5	0.1	4.9
Bristol Bay		10,358,237	9,974,588	10,729,879	0.00	24.3	23.6	25.1
North Peninsula		1,801	6	18,123	0.02	0.1	0.0	0.6
South Peninsula		1,553	0	14,019	0.09	0.7	0.0	6.4
Chignik		23	0	7,064	0.34	0.0	0.0	0.5
East of WASSIP		0	0	4,041	0.58	–	–	–
Total		10,381,845						
Bristol Bay	Togiak	1,923	0	17,820	0.26	0.3	0.0	2.3
	Igushik	7,273	0	37,598	0.10	0.4	0.0	2.2
	Wood	106,578	64,577	157,913	0.00	1.5	0.9	2.2
	Nushagak	28,790	519	83,797	0.03	1.4	0.0	4.0
	Kvichak	2,517,895	2,300,332	2,729,488	0.00	39.9	37.2	42.5
	Alagnak	1,961,095	1,786,141	2,128,683	0.00	43.3	40.4	46.1
	Naknek	5,227,813	4,906,494	5,518,081	0.00	59.3	57.1	61.4
	Egegik	468,007	369,407	578,476	0.00	5.9	4.7	7.2
	Ugashik	47,892	0	85,323	0.06	1.5	0.0	2.7

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
Note: Harvest rate for East of WASSIP were not calculated because it was not part of WASSIP plan.
[a] Adjusted median; 1.00 times unadjusted median for regional reporting groups. Adjusted medians for subregional reporting groups may not sum to the adjusted median for the regional reporting groups because the adjustments were calculated independently.

Table 69.–Nushagak District, Bristol Bay Area, Central Region, 2006, all strata. Regional and subregional (within Bristol Bay) reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

Reporting Group		Harvest = 10,876,357; 6 strata				Harvest Rate (%)		
			90% CI				90% CI	
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Norton Sound		0	0	2,493	0.61	0.0	0.0	3.2
Kuskokwim Bay		322,241	181,729	504,942	0.00	15.9	9.3	23.7
Bristol Bay		10,553,417	10,087,458	11,006,796	0.00	24.1	23.3	25.0
North Peninsula		689	2	10,482	0.04	0.0	0.0	0.3
South Peninsula		0	0	7,504	0.60	0.0	0.0	4.8
Chignik		10	0	3,940	0.38	0.0	0.0	0.2
East of WASSIP		0	0	1,810	0.62	–	–	–
Total		10,876,356						
Bristol Bay	Togiak	578	0	12,818	0.33	0.1	0.0	1.6
	Igushik	385,889	267,986	528,556	0.00	51.8	42.5	60.1
	Wood	8,160,138	7,704,626	8,541,615	0.00	65.3	63.2	67.4
	Nushagak	2,029,713	1,763,463	2,286,760	0.00	76.6	72.8	79.9
	Kvichak	4,917	0	22,591	0.05	0.1	0.0	0.4
	Alagnak	0	0	14,046	0.54	0.0	0.0	0.4
	Naknek	0	0	2,383	0.61	0.0	0.0	0.0
	Egegik	0	0	3,913	0.59	0.0	0.0	0.1
	Ugashik	0	0	2,872	0.61	0.0	0.0	0.1

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
Note: Harvest rate for East of WASSIP were not calculated because it was not part of WASSIP plan.
[a] Adjusted median; 1.01 times unadjusted median for regional reporting groups. Adjusted medians for subregional reporting groups may not sum to the adjusted median for the regional reporting groups because the adjustments were calculated independently.

Table 70.–Nushagak District, Bristol Bay Area, Central Region, 2007, all strata. Regional and subregional (within Bristol Bay) reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

Reporting Group		Harvest = 8,404,111; 5 strata				Harvest Rate (%)		
			90% CI				90% CI	
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Norton Sound		0	0	24,910	0.56	0.0	0.0	27.9
Kuskokwim Bay		109,922	53,316	212,915	0.00	7.1	3.3	13.5
Bristol Bay		8,293,411	7,947,335	8,618,674	0.00	17.5	16.9	18.2
North Peninsula		776	1	11,640	0.05	0.0	0.0	0.3
South Peninsula		0	0	1,486	0.66	0.0	0.0	1.0
Chignik		3	0	2,507	0.45	0.0	0.0	0.2
East of WASSIP		0	0	1,563	0.66	–	–	–
Total		8,404,111						
Bristol Bay	Togiak	43,659	28,324	69,321	0.00	4.3	2.9	6.7
	Igushik	273,641	135,000	430,585	0.00	32.0	18.8	43.0
	Wood	6,070,728	5,717,567	6,365,771	0.00	73.0	71.3	74.5
	Nushagak	1,867,102	1,665,804	2,055,986	0.00	71.7	67.9	75.3
	Kvichak	0	0	10,988	0.53	0.0	0.0	0.2
	Alagnak	288	0	13,809	0.36	0.0	0.0	0.3
	Naknek	14,893	0	37,914	0.06	0.2	0.0	0.4
	Egegik	0	0	10,637	0.54	0.0	0.0	0.1
	Ugashik	35,781	22,144	53,282	0.00	0.5	0.3	0.7

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
Note: Harvest rate for East of WASSIP were not calculated because it was not part of WASSIP plan.
[a] Adjusted median; 1.01 times unadjusted median for regional reporting groups. Adjusted medians for subregional reporting groups may not sum to the adjusted median for the regional reporting groups because the adjustments were calculated independently.

Table 71.–Nushagak District, Bristol Bay Area, Central Region, 2008, all strata. Regional and subregional (within Bristol Bay) reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

Reporting Group		Harvest = 6,903,156; 5 strata				Harvest Rate (%)		
			90% CI				90% CI	
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Norton Sound		0	0	6,875	0.61	0.0	0.0	19.1
Kuskokwim Bay		34,849	8,049	85,106	0.00	2.7	0.6	6.8
Bristol Bay		6,867,535	6,601,990	7,122,819	0.00	16.1	15.6	16.7
North Peninsula		769	1	10,904	0.05	0.0	0.0	0.4
South Peninsula		0	0	1,335	0.66	0.0	0.0	0.6
Chignik		3	0	2,636	0.44	0.0	0.0	0.2
East of WASSIP		0	0	1,737	0.65	–	–	–
Total		6,903,156						
Bristol Bay	Togiak	23,873	5,368	43,237	0.01	3.1	0.7	5.6
	Igushik	466,590	347,857	603,095	0.00	27.0	21.5	32.8
	Wood	5,004,680	4,717,157	5,245,841	0.00	68.1	66.2	70.0
	Nushagak	1,367,973	1,202,207	1,531,271	0.00	65.4	61.0	69.4
	Kvichak	3,944	310	20,965	0.00	0.1	0.0	0.3
	Alagnak	0	0	2,000	0.65	0.0	0.0	0.0
	Naknek	0	0	2,238	0.64	0.0	0.0	0.0
	Egegik	5	0	23,647	0.45	0.0	0.0	0.3
	Ugashik	8,635	0	32,740	0.25	0.3	0.0	1.0

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
Note: Harvest rate for East of WASSIP were not calculated because it was not part of WASSIP plan.
[a] Adjusted median; 1.01 times unadjusted median for regional reporting groups. Adjusted medians for subregional reporting groups may not sum to the adjusted median for the regional reporting groups because the adjustments were calculated independently.

Table 72.–Togiak District, Bristol Bay Area, Central Region, 2006, all strata. Regional and subregional (within Bristol Bay) reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

Reporting Group		Harvest = 626,442; 5 strata				Harvest Rate (%)		
			90% CI				90% CI	
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Norton Sound		0	0	330	0.62	0.0	0.0	0.4
Kuskokwim Bay		161,611	123,180	198,787	0.00	7.9	5.7	10.4
Bristol Bay		464,651	423,509	506,965	0.00	1.1	1.0	1.2
North Peninsula		177	1	1,296	0.03	0.0	0.0	0.0
South Peninsula		0	0	478	0.56	0.0	0.0	0.3
Chignik		3	0	463	0.40	0.0	0.0	0.0
East of WASSIP		0	0	149	0.66	–	–	–
Total		626,442						
Bristol Bay	Togiak	454,709	411,310	493,864	0.00	57.2	54.0	60.1
	Igushik	179	0	4,020	0.28	0.0	0.0	0.6
	Wood	8,069	4,629	12,562	0.00	0.1	0.0	0.1
	Nushagak	2,298	0	7,710	0.08	0.1	0.0	0.3
	Kvichak	0	0	969	0.56	0.0	0.0	0.0
	Alagnak	0	0	208	0.64	0.0	0.0	0.0
	Naknek	38	0	2,016	0.36	0.0	0.0	0.0
	Egegik	0	0	229	0.64	0.0	0.0	0.0
	Ugashik	0	0	176	0.65	0.0	0.0	0.0

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
Note: Harvest rate for East of WASSIP were not calculated because it was not part of WASSIP plan.
[a] Adjusted median; 1.01 times unadjusted median for regional reporting groups. Adjusted medians for subregional reporting groups may not sum to the adjusted median for the regional reporting groups because the adjustments were calculated independently.

Table 73.–Togiak District, Bristol Bay Area, Central Region, 2007, all strata. Regional and subregional (within Bristol Bay) reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

Reporting Group		Harvest = 816,581; 5 strata				Harvest Rate (%)		
			90% CI				90% CI	
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Norton Sound		0	0	375	0.69	0.0	0.0	0.6
Kuskokwim Bay		181,003	150,760	214,433	0.00	11.7	8.1	15.4
Bristol Bay		635,458	592,148	677,012	0.00	1.3	1.3	1.4
North Peninsula		119	0	1,670	0.08	0.0	0.0	0.0
South Peninsula		0	0	1,230	0.62	0.0	0.0	0.8
Chignik		1	0	584	0.49	0.0	0.0	0.0
East of WASSIP		0	0	220	0.71	–	–	–
Total		816,581						
Bristol Bay	Togiak	635,119	590,355	675,090	0.00	62.8	59.9	65.4
	Igushik	0	0	1,436	0.56	0.0	0.0	0.2
	Wood	1	0	867	0.46	0.0	0.0	0.0
	Nushagak	796	0	3,539	0.11	0.0	0.0	0.1
	Kvichak	144	12	626	0.00	0.0	0.0	0.0
	Alagnak	0	0	119	0.73	0.0	0.0	0.0
	Naknek	0	0	124	0.73	0.0	0.0	0.0
	Egegik	0	0	356	0.67	0.0	0.0	0.0
	Ugashik	0	0	163	0.72	0.0	0.0	0.0

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
Note: Harvest rate for East of WASSIP were not calculated because it was not part of WASSIP plan.
[a] Adjusted median; 1.00 times unadjusted median for regional reporting groups. Adjusted medians for subregional reporting groups may not sum to the adjusted median for the regional reporting groups because the adjustments were calculated independently.

Table 74.–Togiak District, Bristol Bay Area, Central Region, 2008, all strata. Regional and subregional (within Bristol Bay) reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

Reporting Group		Harvest = 651,315; 5 strata				Harvest Rate (%)		
			90% CI				90% CI	
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Norton Sound		0	0	151	0.72	0.0	0.0	0.5
Kuskokwim Bay		156,417	124,729	215,388	0.00	12.5	7.6	18.7
Bristol Bay		494,508	432,426	531,991	0.00	1.2	1.0	1.3
North Peninsula		196	0	1,509	0.06	0.0	0.0	0.1
South Peninsula		0	0	160	0.71	0.0	0.0	0.1
Chignik		195	0	802	0.16	0.0	0.0	0.1
East of WASSIP		0	0	87	0.74	–	–	–
Total		651,315						
Bristol Bay	Togiak	491,172	428,286	527,728	0.00	64.1	60.1	67.4
	Igushik	205	0	1,440	0.29	0.0	0.0	0.1
	Wood	3,033	1,229	5,687	0.00	0.0	0.0	0.1
	Nushagak	0	0	571	0.67	0.0	0.0	0.0
	Kvichak	0	0	173	0.72	0.0	0.0	0.0
	Alagnak	317	61	902	0.00	0.0	0.0	0.0
	Naknek	0	0	92	0.74	0.0	0.0	0.0
	Egegik	0	0	176	0.72	0.0	0.0	0.0
	Ugashik	0	0	455	0.64	0.0	0.0	0.0

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
Note: Harvest rate for East of WASSIP were not calculated because it was not part of WASSIP plan.
[a] Adjusted median; 1.01 times unadjusted median for regional reporting groups. Adjusted medians for subregional reporting groups may not sum to the adjusted median for the regional reporting groups because the adjustments were calculated independently.

Table 75.–District 5 Commercial, Kuskokwim Area, Arctic–Yukon–Kuskokwim Region, 2006, all strata. Regional and subregional (within Kuskokwim Bay) reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

Reporting Group		Harvest = 29,857; 3 strata				Harvest Rate (%)		
			90% CI				90% CI	
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Norton Sound		43	3	247	0.01	0.1	0.0	0.3
Kuskokwim Bay		19,450	17,847	20,911	0.00	1.0	0.8	1.2
Bristol Bay		10,354	9,090	11,742	0.00	0.0	0.0	0.0
North Peninsula		10	0	139	0.27	0.0	0.0	0.0
South Peninsula		0	0	5	0.89	0.0	0.0	0.0
Chignik		0	0	20	0.78	0.0	0.0	0.0
East of WASSIP		0	0	9	0.88	–	–	–
Total		29,856						
Kuskokwim Bay	Kuskokwim R.	392	86	1,114	0.00	0.0	0.0	0.1
	Kanektok	1,079	771	1,491	0.00	0.2	0.1	0.4
	Goodnews	18,016	16,273	19,355	0.00	3.8	2.3	5.6

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
Note: Harvest rate for East of WASSIP were not calculated because it was not part of WASSIP plan.
[a] Adjusted median; 1.01 times unadjusted median for regional reporting groups. Adjusted medians for subregional reporting groups may not sum to the adjusted median for the regional reporting groups because the adjustments were calculated independently.

Table 76.–District 5 Commercial, Kuskokwim Area, Arctic–Yukon–Kuskokwim Region, 2007, all strata. Regional and subregional (within Kuskokwim Bay) reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

Reporting Group		Harvest = 43,766; 3 strata				Harvest Rate (%)		
			90% CI				90% CI	
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Norton Sound		65	4	318	0.01	0.1	0.0	0.5
Kuskokwim Bay		27,205	24,902	29,391	0.00	1.8	1.2	2.2
Bristol Bay		16,483	14,537	18,521	0.00	0.0	0.0	0.0
North Peninsula		13	0	184	0.25	0.0	0.0	0.0
South Peninsula		0	0	8	0.88	0.0	0.0	0.0
Chignik		0	0	25	0.77	0.0	0.0	0.0
East of WASSIP		0	0	7	0.88	–	–	–
Total		43,766						
Kuskokwim Bay	Kuskokwim R.	0	0	416	0.62	0.0	0.0	0.1
	Kanektok	1,626	1,162	2,233	0.00	0.3	0.2	0.4
	Goodnews	25,648	23,240	27,639	0.00	5.9	4.2	7.6

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
Note: Harvest rate for East of WASSIP were not calculated because it was not part of WASSIP plan.
[a] Adjusted median; 1.01 times unadjusted median for regional reporting groups. Adjusted medians for subregional reporting groups may not sum to the adjusted median for the regional reporting groups because the adjustments were calculated independently.

Table 77.–District 5 Commercial, Kuskokwim Area, Arctic–Yukon–Kuskokwim Region, 2008, all strata. Regional and subregional (within Kuskokwim Bay) reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

Reporting Group		Harvest = 27,237; 3 strata				Harvest Rate (%)		
			90% CI				90% CI	
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Norton Sound		45	3	212	0.01	0.2	0.0	0.7
Kuskokwim Bay		16,798	15,423	18,128	0.00	1.3	0.8	1.8
Bristol Bay		10,384	9,186	11,600	0.00	0.0	0.0	0.0
North Peninsula		10	0	119	0.23	0.0	0.0	0.0
South Peninsula		0	0	6	0.86	0.0	0.0	0.0
Chignik		0	0	17	0.75	0.0	0.0	0.0
East of WASSIP		0	0	8	0.86	–	–	–
Total		27,236						
Kuskokwim Bay	Kuskokwim R.	144	30	377	0.00	0.0	0.0	0.1
	Kanektok	1,082	773	1,484	0.00	0.4	0.3	0.6
	Goodnews	15,623	14,183	16,844	0.00	4.3	3.1	5.7

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
Note: Harvest rate for East of WASSIP were not calculated because it was not part of WASSIP plan.
[a] Adjusted median; 1.01 times unadjusted median for regional reporting groups. Adjusted medians for subregional reporting groups may not sum to the adjusted median for the regional reporting groups because the adjustments were calculated independently.

Table 78.–District 4 Commercial, Kuskokwim Area, Arctic–Yukon–Kuskokwim Region, 2006, all strata. Regional and subregional (within Kuskokwim Bay) reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

Reporting Group		Harvest = 106,308; 3 strata				Harvest Rate (%)		
			90% CI				90% CI	
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Norton Sound		0	0	110	0.82	0.0	0.0	0.1
Kuskokwim Bay		102,844	97,301	107,990	0.00	5.1	4.0	6.1
Bristol Bay		3,460	2,292	5,667	0.00	0.0	0.0	0.0
North Peninsula		4	0	212	0.34	0.0	0.0	0.0
South Peninsula		0	0	30	0.84	0.0	0.0	0.0
Chignik		0	0	34	0.76	0.0	0.0	0.0
East of WASSIP		0	0	13	0.86	–	–	–
Total		106,308						
Kuskokwim Bay	Kuskokwim R.	0	0	138	0.52	0.0	0.0	0.0
	Kanektok	102,051	95,633	106,905	0.00	22.4	11.6	37.9
	Goodnews	1,099	0	4,014	0.16	0.2	0.0	0.9

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
Note: Harvest rate for East of WASSIP were not calculated because it was not part of WASSIP plan.
[a] Adjusted median; 1.01 times unadjusted median for regional reporting groups. Adjusted medians for subregional reporting groups may not sum to the adjusted median for the regional reporting groups because the adjustments were calculated independently.

Table 79.–District 4 Commercial, Kuskokwim Area, Arctic–Yukon–Kuskokwim Region, 2007, all strata. Regional and subregional (within Kuskokwim Bay) reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

Reporting Group		Harvest = 109,517; 3 strata				Harvest Rate (%)		
			90% CI				90% CI	
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Norton Sound		0	0	16	0.86	0.0	0.0	0.0
Kuskokwim Bay		104,128	96,915	110,798	0.00	6.7	4.8	8.5
Bristol Bay		5,347	2,727	9,678	0.00	0.0	0.0	0.0
North Peninsula		42	0	331	0.19	0.0	0.0	0.0
South Peninsula		0	0	28	0.84	0.0	0.0	0.0
Chignik		0	0	56	0.72	0.0	0.0	0.0
East of WASSIP		0	0	11	0.87	–	–	–
Total		109,517						
Kuskokwim Bay	Kuskokwim R.	5,235	3,031	7,724	0.00	0.9	0.4	2.1
	Kanektok	99,962	92,145	105,181	0.00	18.3	15.1	21.2
	Goodnews	0	0	111	0.77	0.0	0.0	0.0

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
Note: Harvest rate for East of WASSIP were not calculated because it was not part of WASSIP plan.
[a] Adjusted median; 1.02 times unadjusted median for regional reporting groups. Adjusted medians for subregional reporting groups may not sum to the adjusted median for the regional reporting groups because the adjustments were calculated independently.

Table 80.–District 4 Commercial, Kuskokwim Area, Arctic–Yukon–Kuskokwim Region, 2008, all strata. Regional and subregional (within Kuskokwim Bay) reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

Reporting Group		Harvest = 69,743; 3 strata				Harvest Rate (%)		
			90% CI				90% CI	
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Norton Sound		0	0	419	0.53	0.0	0.0	1.4
Kuskokwim Bay		68,145	64,371	71,713	0.00	5.4	3.4	7.3
Bristol Bay		1,594	1,059	2,353	0.00	0.0	0.0	0.0
North Peninsula		4	0	133	0.33	0.0	0.0	0.0
South Peninsula		0	0	101	0.81	0.0	0.0	0.0
Chignik		0	0	21	0.78	0.0	0.0	0.0
East of WASSIP		0	0	7	0.88	–	–	–
Total		69,743						
Kuskokwim Bay	Kuskokwim R.	34	0	801	0.19	0.0	0.0	0.1
	Kanektok	68,342	64,160	71,569	0.00	26.4	21.7	31.7
	Goodnews	0	0	60	0.83	0.0	0.0	0.0

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
Note: Harvest rate for East of WASSIP were not calculated because it was not part of WASSIP plan.
[a] Adjusted median; 1.01 times unadjusted median for regional reporting groups. Adjusted medians for subregional reporting groups may not sum to the adjusted median for the regional reporting groups because the adjustments were calculated independently.

Table 81.–Chignik Area, Westward Region, 2006, all strata. Regional and subregional (within Chignik) reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

Reporting Group		Harvest = 899,324; 15 strata				Harvest Rate (%)		
			90% CI				90% CI	
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Norton Sound		0	0	224	0.53	0.0	0.0	0.3
Kuskokwim Bay		27	0	363	0.13	0.0	0.0	0.0
Bristol Bay		5,584	3,830	7,933	0.00	0.0	0.0	0.0
North Peninsula		532	154	1,498	0.00	0.0	0.0	0.1
South Peninsula		1	0	327	0.45	0.0	0.0	0.2
Chignik		869,528	845,139	893,655	0.00	37.8	36.8	38.8
East of WASSIP		23,651	21,219	26,235	0.00	–	–	–
Total		899,322						
Chignik	Black Lake	535,546	513,103	556,521	0.00	39.7	38.4	41.1
	Chignik Lake	335,046	316,073	353,699	0.00	35.0	33.2	36.9

Note: Harvest is the number of sockeye salmon reported to have been harvested in the fishery.

Note: Harvest rate is the fishery harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.

Note: Harvest rate for East of WASSIP were not calculated because it was not part of WASSIP plan.

[a] Adjusted median; 1.00 times unadjusted median for regional reporting groups. Adjusted medians for subregional reporting groups may not sum to the adjusted median for the regional reporting groups because the adjustments were calculated independently.

Table 82.–Chignik Area, Westward Region, 2007, all strata. Regional and subregional (within Chignik) reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

Reporting Group		Harvest = 804,380; 15 strata				Harvest Rate (%)		
			90% CI				90% CI	
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Norton Sound		0	0	186	0.50	0.0	0.0	0.3
Kuskokwim Bay		2,453	1,104	4,055	0.00	0.2	0.1	0.3
Bristol Bay		17,718	14,851	20,951	0.00	0.0	0.0	0.0
North Peninsula		3,337	1,708	5,369	0.00	0.1	0.1	0.2
South Peninsula		173	0	1,169	0.18	0.1	0.0	0.9
Chignik		744,424	724,326	764,165	0.00	45.2	44.0	46.5
East of WASSIP		36,274	32,309	40,451	0.00	–	–	–
Total		804,380						
Chignik	Black Lake	235,506	222,554	247,905	0.00	34.8	33.0	36.7
	Chignik Lake	509,874	489,907	528,390	0.00	52.5	50.8	54.2

Note: Harvest is the number of sockeye salmon reported to have been harvested in the fishery.

Note: Harvest rate is the fishery harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.

Note: Harvest rate for East of WASSIP were not calculated because it was not part of WASSIP plan.

[a] Adjusted median; 1.00 times unadjusted median for regional reporting groups. Adjusted medians for subregional reporting groups may not sum to the adjusted median for the regional reporting groups because the adjustments were calculated independently.

Table 83.–Chignik Area, Westward Region, 2008, all strata. Regional and subregional (within Chignik) reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

Reporting Group		Harvest = 684,991; 15 strata				Harvest Rate (%)		
			90% CI				90% CI	
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Norton Sound		0	0	98	0.56	0.0	0.0	0.3
Kuskokwim Bay		1,401	807	2,375	0.00	0.1	0.1	0.2
Bristol Bay		27,982	25,537	30,579	0.00	0.1	0.1	0.1
North Peninsula		5,647	4,278	7,229	0.00	0.2	0.1	0.3
South Peninsula		9,951	8,430	11,628	0.00	4.6	2.3	8.1
Chignik		626,746	606,820	646,665	0.00	40.1	38.9	41.3
East of WASSIP		13,265	11,593	15,082	0.00	–	–	–
Total		684,991						
Chignik	Black Lake	254,077	239,658	268,302	0.00	35.7	33.9	37.7
	Chignik Lake	373,340	354,340	391,880	0.00	43.7	41.9	45.5

Note: Harvest is the number of sockeye salmon reported to have been harvested in the fishery.

Note: Harvest rate is the fishery harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.

Note: Harvest rate for East of WASSIP were not calculated because it was not part of WASSIP plan.

[a] Adjusted median; 1.00 times unadjusted median for regional reporting groups. Adjusted medians for subregional reporting groups may not sum to the adjusted median for the regional reporting groups because the adjustments were calculated independently.

Table 84.–Southeastern District Mainland area, Westward Region, 2006, all strata. Regional and subregional (within South Peninsula) reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

Reporting Group		Harvest = 240,107; 5 strata				Harvest Rate (%)		
			90% CI				90% CI	
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Norton Sound		0	0	43	0.78	0.0	0.0	0.1
Kuskokwim Bay		105	14	489	0.01	0.0	0.0	0.0
Bristol Bay		554	27	1,886	0.01	0.0	0.0	0.0
North Peninsula		151	1	1,220	0.04	0.0	0.0	0.0
South Peninsula		629	349	1,375	0.00	0.4	0.2	1.1
Chignik		131,522	123,053	139,704	0.00	5.7	5.3	6.1
East of WASSIP		107,146	99,380	114,777	0.00	–	–	–
Total		240,106						
South Peninsula		No subregional reporting groups.						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the fishery.
Note: Harvest rate is the fishery harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
Note: Harvest rate for East of WASSIP were not calculated because it was not part of WASSIP plan.
[a] Adjusted median; 1.01 times unadjusted median for regional reporting groups. Adjusted medians for subregional reporting groups may not sum to the adjusted median for the regional reporting groups because the adjustments were calculated independently.

Table 85.–Southeastern District Mainland area, Westward Region, 2007, all strata. Regional and subregional (within South Peninsula) reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

Reporting Group		Harvest = 145,954; 3 strata				Harvest Rate (%)		
			90% CI				90% CI	
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Norton Sound		0	0	16	0.88	0.0	0.0	0.0
Kuskokwim Bay		2	0	308	0.18	0.0	0.0	0.0
Bristol Bay		574	130	1,451	0.00	0.0	0.0	0.0
North Peninsula		315	0	1,778	0.12	0.0	0.0	0.1
South Peninsula		9	6	69	0.00	0.0	0.0	0.0
Chignik		54,145	48,790	59,512	0.00	3.3	3.0	3.6
East of WASSIP		90,909	83,856	97,674	0.00	–	–	–
Total		145,953						
South Peninsula		No subregional reporting groups.						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the fishery.
Note: Harvest rate is the fishery harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
Note: Harvest rate for East of WASSIP were not calculated because it was not part of WASSIP plan.
[a] Adjusted median; 1.01 times unadjusted median for regional reporting groups. Adjusted medians for subregional reporting groups may not sum to the adjusted median for the regional reporting groups because the adjustments were calculated independently.

Table 86.–Southeastern District Mainland area, Westward Region, 2008, all strata. Regional and subregional (within South Peninsula) reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

Reporting Group		Harvest = 149,818; 5 strata				Harvest Rate (%)		
			90% CI				90% CI	
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Norton Sound		0	0	25	0.79	0.0	0.0	0.1
Kuskokwim Bay		425	76	1,258	0.00	0.0	0.0	0.1
Bristol Bay		1,664	981	2,590	0.00	0.0	0.0	0.0
North Peninsula		4,287	2,944	5,880	0.00	0.1	0.1	0.2
South Peninsula		13,947	12,361	15,624	0.00	6.4	3.3	11.2
Chignik		73,524	68,713	78,347	0.00	4.7	4.4	5.0
East of WASSIP		55,970	51,367	60,638	0.00	–	–	–
Total		149,818						
South Peninsula		No subregional reporting groups.						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the fishery.
Note: Harvest rate is the fishery harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
Note: Harvest rate for East of WASSIP were not calculated because it was not part of WASSIP plan.
[a] Adjusted median; 1.01 times unadjusted median for regional reporting groups. Adjusted medians for subregional reporting groups may not sum to the adjusted median for the regional reporting groups because the adjustments were calculated independently.

Table 87.–June, South Alaska Peninsula, Westward Region, 2006, all strata. Regional and subregional (within South Peninsula) reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

Reporting Group		Harvest = 932,291; 12 strata				Harvest Rate (%)		
			90% CI				90% CI	
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Norton Sound		4	0	598	0.39	0.0	0.0	0.8
Kuskokwim Bay		6,230	2,118	11,458	0.00	0.3	0.1	0.6
Bristol Bay		397,917	378,168	417,430	0.00	0.9	0.9	1.0
North Peninsula		19,526	14,052	25,830	0.00	0.6	0.4	0.8
South Peninsula		3,077	1,636	5,507	0.00	2.0	0.8	4.9
Chignik		305,407	289,900	321,012	0.00	13.3	12.6	13.9
East of WASSIP		200,130	187,034	213,336	0.00	–	–	–
Total		932,290						
South Peninsula		No subregional reporting groups.						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the fishery.
Note: Harvest rate is the fishery harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
Note: Harvest rate for East of WASSIP were not calculated because it was not part of WASSIP plan.
[a] Adjusted median; 1.01 times unadjusted median for regional reporting groups. Adjusted medians for subregional reporting groups may not sum to the adjusted median for the regional reporting groups because the adjustments were calculated independently.

Table 88.–June, South Alaska Peninsula, Westward Region, 2007, all strata. Regional and subregional (within South Peninsula) reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

Reporting Group		Harvest = 1,589,840; 12 strata				Harvest Rate (%)		
			90% CI				90% CI	
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Norton Sound		97	0	1,876	0.23	0.1	0.0	2.8
Kuskokwim Bay		27,458	15,308	42,864	0.00	1.8	0.9	2.9
Bristol Bay		1,347,599	1,293,778	1,397,970	0.00	2.9	2.7	3.0
North Peninsula		24,556	15,903	35,968	0.00	0.7	0.4	1.0
South Peninsula		930	206	3,579	0.00	0.6	0.1	2.7
Chignik		56,518	47,502	66,953	0.00	3.4	2.9	4.1
East of WASSIP		132,682	118,748	147,752	0.00	–	–	–
Total		1,589,838						
South Peninsula		No subregional reporting groups.						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the fishery.
Note: Harvest rate is the fishery harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
Note: Harvest rate for East of WASSIP were not calculated because it was not part of WASSIP plan.
[a] Adjusted median; 1.01 times unadjusted median for regional reporting groups. Adjusted medians for subregional reporting groups may not sum to the adjusted median for the regional reporting groups because the adjustments were calculated independently.

Table 89.–June, South Alaska Peninsula, Westward Region, 2008, all strata. Regional and subregional (within South Peninsula) reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

Reporting Group		Harvest = 1,713,575; 11 strata				Harvest Rate (%)		
			90% CI				90% CI	
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Norton Sound		0	0	438	0.56	0.0	0.0	1.5
Kuskokwim Bay		39,143	24,573	56,054	0.00	3.0	1.6	4.9
Bristol Bay		1,472,802	1,413,051	1,530,296	0.00	3.5	3.3	3.6
North Peninsula		55,491	41,788	71,233	0.00	1.9	1.3	2.5
South Peninsula		5,464	2,081	10,804	0.00	2.5	0.8	5.9
Chignik		57,193	47,047	69,223	0.00	3.7	3.0	4.4
East of WASSIP		83,482	70,598	97,741	0.00	–	–	–
Total		1,713,575						
South Peninsula		No subregional reporting groups.						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the fishery.
Note: Harvest rate is the fishery harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
Note: Harvest rate for East of WASSIP were not calculated because it was not part of WASSIP plan.
[a] Adjusted median; 1.01 times unadjusted median for regional reporting groups. Adjusted medians for subregional reporting groups may not sum to the adjusted median for the regional reporting groups because the adjustments were calculated independently.

Table 90.–Post-June, South Alaska Peninsula, Westward Region, 2006, all strata. Regional and subregional (within South Peninsula) reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

Reporting Group		Harvest = 621,478; 7 strata				Harvest Rate (%)		
			90% CI				90% CI	
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Norton Sound		1	0	1,165	0.48	0.0	0.0	1.5
Kuskokwim Bay		541	75	2,373	0.00	0.0	0.0	0.1
Bristol Bay		66,703	59,632	74,044	0.00	0.2	0.1	0.2
North Peninsula		21,024	17,074	25,599	0.00	0.7	0.5	0.8
South Peninsula		3,886	2,489	5,889	0.00	2.5	1.1	5.6
Chignik		251,178	234,099	268,373	0.00	10.9	10.2	11.6
East of WASSIP		278,145	262,678	293,389	0.00	–	–	–
Total		621,477						
South Peninsula		No subregional reporting groups.						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the fishery.
Note: Harvest rate is the fishery harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
Note: Harvest rate for East of WASSIP were not calculated because it was not part of WASSIP plan.
[a] Adjusted median; 1.01 times unadjusted median for regional reporting groups. Adjusted medians for subregional reporting groups may not sum to the adjusted median for the regional reporting groups because the adjustments were calculated independently.

Table 91.–Post-June, South Alaska Peninsula, Westward Region, 2007, all strata. Regional and subregional (within South Peninsula) reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

Reporting Group		Harvest = 652,867; 7 strata				Harvest Rate (%)		
			90% CI				90% CI	
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Norton Sound		0	0	116	0.68	0.0	0.0	0.2
Kuskokwim Bay		22,524	13,964	30,756	0.00	1.4	0.8	2.2
Bristol Bay		234,160	218,077	250,557	0.00	0.5	0.5	0.5
North Peninsula		22,957	17,882	28,893	0.00	0.6	0.5	0.8
South Peninsula		2,734	1,466	5,010	0.00	1.8	0.7	4.4
Chignik		123,399	111,149	136,256	0.00	7.5	6.8	8.2
East of WASSIP		247,093	230,302	263,989	0.00	–	–	–
Total		652,867						
South Peninsula		No subregional reporting groups.						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the fishery.
Note: Harvest rate is the fishery harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
Note: Harvest rate for East of WASSIP were not calculated because it was not part of WASSIP plan.
[a] Adjusted median; 1.01 times unadjusted median for regional reporting groups. Adjusted medians for subregional reporting groups may not sum to the adjusted median for the regional reporting groups because the adjustments were calculated independently.

Table 92.–Post-June, South Alaska Peninsula, Westward Region, 2008, all strata. Regional and subregional (within South Peninsula) reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

Reporting Group		Harvest = 304,039; 7 strata				Harvest Rate (%)		
			90% CI				90% CI	
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Norton Sound		55	0	1,250	0.35	0.2	0.0	4.1
Kuskokwim Bay		2,301	1,036	4,036	0.00	0.2	0.1	0.4
Bristol Bay		50,651	45,982	55,446	0.00	0.1	0.1	0.1
North Peninsula		27,607	23,339	32,157	0.00	0.9	0.7	1.2
South Peninsula		13,523	10,716	16,902	0.00	6.2	3.1	11.1
Chignik		91,627	85,156	97,955	0.00	5.9	5.4	6.3
East of WASSIP		118,274	110,602	125,768	0.00	–	–	–
Total		304,038						
South Peninsula		No subregional reporting groups.						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the fishery.

Note: Harvest rate is the fishery harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.

Note: Harvest rate for East of WASSIP were not calculated because it was not part of WASSIP plan.

[a] Adjusted median; 1.01 times unadjusted median for regional reporting groups. Adjusted medians for subregional reporting groups may not sum to the adjusted median for the regional reporting groups because the adjustments were calculated independently.

Table 93.–North Alaska Peninsula, Westward Region, 2006, all strata. Regional and subregional (within North Peninsula) reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

Reporting Group		Harvest = 2,047,796; 15 strata				Harvest Rate (%)		
			90% CI				90% CI	
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Norton Sound		5	0	2,455	0.39	0.0	0.0	3.1
Kuskokwim Bay		16,477	5,750	28,306	0.00	0.8	0.3	1.4
Bristol Bay		831,012	789,386	872,799	0.00	1.9	1.8	2.0
North Peninsula		1,122,894	1,080,512	1,164,651	0.00	34.8	29.7	39.0
South Peninsula		44	0	1,725	0.30	0.0	0.0	1.2
Chignik		1,180	118	4,518	0.00	0.1	0.0	0.2
East of WASSIP		76,184	66,006	87,488	0.00	–	–	–
Total		2,047,796						
North Peninsula	Cinder	39,745	22,270	60,227	0.00	13.5	5.8	26.7
	Meshik	39,147	19,219	61,513	0.00	10.5	4.0	23.2
	Ilnik	108,155	89,289	127,811	0.00	47.4	38.2	56.9
	Sandy	60,215	47,702	73,698	0.00	51.6	42.3	60.9
	Bear	794,264	756,777	824,155	0.00	62.8	60.1	65.4
	Nelson	82,479	69,386	96,077	0.00	13.9	11.7	16.3
	NW Dist.-BH	1,793	361	5,201	0.00	0.5	0.1	1.9

Note: Harvest is the number of sockeye salmon reported to have been harvested in the fishery.
Note: Harvest rate is the fishery harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
Note: Harvest rate for East of WASSIP were not calculated because it was not part of WASSIP plan.
[a] Adjusted median; 1.01 times unadjusted median for regional reporting groups. Adjusted medians for subregional reporting groups may not sum to the adjusted median for the regional reporting groups because the adjustments were calculated independently.

Table 94.–North Alaska Peninsula, Westward Region, 2007, all strata. Regional and subregional (within North Peninsula) reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

Reporting Group		Harvest = 3,016,548; 17 strata				Harvest Rate (%)		
			90% CI				90% CI	
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Norton Sound		933	6	3,057	0.04	1.4	0.0	4.5
Kuskokwim Bay		22,330	11,387	35,930	0.00	1.4	0.7	2.4
Bristol Bay		1,230,495	1,174,781	1,286,372	0.00	2.6	2.5	2.7
North Peninsula		1,636,571	1,578,651	1,694,811	0.00	44.6	39.1	48.8
South Peninsula		1,528	0	5,243	0.15	0.9	0.0	4.3
Chignik		2,177	840	4,353	0.00	0.1	0.1	0.3
East of WASSIP		122,514	108,687	137,515	0.00	–	–	–
Total		3,016,549						
North Peninsula	Cinder	109,106	84,850	134,850	0.00	24.7	12.6	42.1
	Meshik	75,690	52,279	100,766	0.00	33.9	18.3	53.3
	Ilnik	134,374	116,363	154,632	0.00	51.8	42.5	61.2
	Sandy	39,332	28,905	52,151	0.00	44.9	36.9	52.5
	Bear	1,188,020	1,136,420	1,234,472	0.00	71.9	69.7	74.0
	Nelson	85,075	71,527	99,899	0.00	13.4	11.4	15.7
	NW Dist.-BH	6,755	4,049	10,558	0.00	2.1	0.9	4.4

Note: Harvest is the number of sockeye salmon reported to have been harvested in the fishery.
Note: Harvest rate is the fishery harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
Note: Harvest rate for East of WASSIP were not calculated because it was not part of WASSIP plan.
[a] Adjusted median; 1.00 times unadjusted median for regional reporting groups. Adjusted medians for subregional reporting groups may not sum to the adjusted median for the regional reporting groups because the adjustments were calculated independently.

Table 95.–North Alaska Peninsula, Westward Region, 2008, all strata. Regional and subregional (within North Peninsula) reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

Reporting Group		Harvest = 1,747,969; 11 strata				Harvest Rate (%)		
			90% CI				90% CI	
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Norton Sound		0	0	351	0.62	0.0	0.0	1.2
Kuskokwim Bay		17,328	10,467	25,669	0.00	1.3	0.7	2.3
Bristol Bay		823,287	788,122	858,000	0.00	1.9	1.9	2.0
North Peninsula		903,634	862,187	946,003	0.00	30.5	24.4	35.9
South Peninsula		0	0	563	0.52	0.0	0.0	0.3
Chignik		3	0	581	0.40	0.0	0.0	0.0
East of WASSIP		3,716	1,602	7,202	0.00	–	–	–
Total		1,747,969						
North Peninsula	Cinder	24,032	11,062	37,344	0.00	7.2	2.6	16.5
	Meshik	131,403	114,129	149,176	0.00	39.3	22.6	58.0
	Ilnik	12,682	8,148	24,186	0.00	15.4	7.3	30.4
	Sandy	1,764	326	4,970	0.01	4.1	0.8	11.2
	Bear	719,019	679,924	755,314	0.00	65.6	62.6	68.5
	Nelson	15,171	11,010	20,183	0.00	3.5	2.3	5.0
	NW Dist.-BH	3	0	1,001	0.44	0.0	0.0	0.2

Note: Harvest is the number of sockeye salmon reported to have been harvested in the fishery.
Note: Harvest rate is the fishery harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
Note: Harvest rate for East of WASSIP were not calculated because it was not part of WASSIP plan.
[a] Adjusted median; 1.00 times unadjusted median for regional reporting groups. Adjusted medians for subregional reporting groups may not sum to the adjusted median for the regional reporting groups because the adjustments were calculated independently.

Table 96.–Bristol Bay Area, Central Region, 2006, all strata. Regional and subregional (within Bristol Bay) reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

Reporting Group		Harvest = 28,491,169; 28 strata				Harvest Rate (%)		
			90% CI				90% CI	
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Norton Sound		279	0	9,826	0.09	0.4	0.0	11.7
Kuskokwim Bay		508,997	361,256	695,294	0.00	25.2	17.9	33.1
Bristol Bay		27,934,880	27,305,074	28,546,092	0.00	63.9	63.0	64.8
North Peninsula		45,713	25,226	74,454	0.00	1.4	0.8	2.3
South Peninsula		401	0	12,481	0.08	0.3	0.0	8.3
Chignik		719	11	7,243	0.01	0.0	0.0	0.3
East of WASSIP		179	0	5,743	0.10	–	–	–
Total		28,491,167						
Bristol Bay	Togiak	458,010	415,890	502,249	0.00	57.9	54.8	60.9
	Igushik	406,794	284,773	554,382	0.00	54.8	45.7	62.6
	Wood	8,226,329	7,799,948	8,639,966	0.00	66.1	64.0	68.1
	Nushagak	2,046,618	1,787,139	2,311,668	0.00	77.5	73.9	80.8
	Kvichak	2,527,189	2,353,390	2,700,210	0.00	44.6	41.9	47.2
	Alagnak	1,547,706	1,422,747	1,673,727	0.00	45.8	42.9	48.6
	Naknek	3,224,147	3,011,664	3,436,219	0.00	60.4	58.0	62.8
	Egegik	6,883,639	6,508,899	7,259,881	0.00	80.0	78.5	81.4
	Ugashik	2,638,357	2,334,471	2,899,068	0.00	63.7	60.5	66.4

Note: Harvest is the number of sockeye salmon reported to have been harvested in the fishery.

Note: Harvest rate is the fishery harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.

Note: Harvest rate for East of WASSIP were not calculated because it was not part of WASSIP plan.

[a] Adjusted median; 1.00 times unadjusted median for regional reporting groups. Adjusted medians for subregional reporting groups may not sum to the adjusted median for the regional reporting groups because the adjustments were calculated independently.

Table 97.–Bristol Bay Area, Central Region, 2007, all strata. Regional and subregional (within Bristol Bay) reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

Reporting Group		Harvest = 29,765,726; 25 strata				Harvest Rate (%)		
			90% CI				90% CI	
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Norton Sound		421	0	28,774	0.11	0.7	0.0	31.3
Kuskokwim Bay		345,301	255,932	465,936	0.00	22.4	14.8	30.6
Bristol Bay		29,384,807	28,732,455	30,012,570	0.00	62.2	61.3	63.0
North Peninsula		33,897	15,469	68,995	0.00	0.9	0.4	1.9
South Peninsula		287	0	8,721	0.12	0.2	0.0	5.8
Chignik		681	5	7,622	0.02	0.0	0.0	0.5
East of WASSIP		331	21	6,171	0.01	–	–	–
Total		29,765,725						
Bristol Bay	Togiak	692,374	642,594	742,762	0.00	68.6	66.2	70.9
	Igushik	312,243	171,312	472,195	0.00	36.6	24.0	46.9
	Wood	6,154,432	5,819,733	6,471,177	0.00	74.2	72.6	75.7
	Nushagak	1,964,906	1,757,819	2,172,634	0.00	75.7	72.3	78.7
	Kvichak	2,764,346	2,521,162	3,010,595	0.00	47.7	44.7	50.6
	Alagnak	2,136,650	1,939,688	2,339,069	0.00	44.4	41.4	47.4
	Naknek	5,243,826	4,877,487	5,606,759	0.00	60.6	58.2	63.0
	Egegik	5,672,515	5,250,166	6,269,114	0.00	75.6	73.7	77.8
	Ugashik	4,471,794	3,881,654	4,852,689	0.00	57.3	53.6	59.9

Note: Harvest is the number of sockeye salmon reported to have been harvested in the fishery.
Note: Harvest rate is the fishery harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
Note: Harvest rate for East of WASSIP were not calculated because it was not part of WASSIP plan.
[a] Adjusted median; 1.00 times unadjusted median for regional reporting groups. Adjusted medians for subregional reporting groups may not sum to the adjusted median for the regional reporting groups because the adjustments were calculated independently.

Table 98.–Bristol Bay Area, Central Region, 2008, all strata. Regional and subregional (within Bristol Bay) reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

Reporting Group		Harvest = 27,674,222; 26 strata				Harvest Rate (%)		
			90% CI				90% CI	
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Norton Sound		288	0	13,688	0.11	1.0	0.0	33.2
Kuskokwim Bay		253,740	188,593	336,384	0.00	19.9	12.0	28.9
Bristol Bay		27,400,412	26,821,347	27,968,494	0.00	64.3	63.5	65.1
North Peninsula		16,490	5,502	40,527	0.00	0.6	0.2	1.4
South Peninsula		2,093	24	15,346	0.02	0.9	0.0	7.1
Chignik		1,016	54	10,220	0.01	0.1	0.0	0.7
East of WASSIP		184	0	7,660	0.12	–	–	–
Total		27,674,222						
Bristol Bay	Togiak	522,902	459,876	571,213	0.00	68.7	65.5	71.3
	Igushik	512,162	390,227	653,593	0.00	29.7	24.2	35.4
	Wood	5,150,320	4,873,998	5,415,794	0.00	70.4	68.5	72.1
	Nushagak	1,426,831	1,257,006	1,605,130	0.00	68.4	64.4	72.1
	Kvichak	3,250,286	3,001,035	3,502,132	0.00	51.6	48.9	54.2
	Alagnak	2,216,068	2,034,355	2,400,721	0.00	49.0	46.2	51.9
	Naknek	5,989,170	5,654,198	6,312,533	0.00	68.1	66.0	70.0
	Egegik	6,180,600	5,815,874	6,547,609	0.00	77.8	76.3	79.3
	Ugashik	2,168,419	1,909,190	2,419,717	0.00	68.9	65.8	71.6

Note: Harvest is the number of sockeye salmon reported to have been harvested in the fishery.

Note: Harvest rate is the fishery harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.

Note: Harvest rate for East of WASSIP were not calculated because it was not part of WASSIP plan.

[a] Adjusted median; 1.00 times unadjusted median for regional reporting groups. Adjusted medians for subregional reporting groups may not sum to the adjusted median for the regional reporting groups because the adjustments were calculated independently.

Table 99.–Kuskokwim Area, Arctic–Yukon–Kuskokwim Region, 2006, all strata. Regional and subregional (within Kuskokwim Bay) reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

Reporting Group		Harvest = 136,165; 6 strata				Harvest Rate (%)		
			90% CI				90% CI	
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Norton Sound		50	3	346	0.01	0.1	0.0	0.5
Kuskokwim Bay		122,195	116,488	127,573	0.00	6.0	4.8	7.3
Bristol Bay		13,883	12,058	16,370	0.00	0.0	0.0	0.0
North Peninsula		36	0	273	0.09	0.0	0.0	0.0
South Peninsula		0	0	43	0.75	0.0	0.0	0.0
Chignik		0	0	53	0.59	0.0	0.0	0.0
East of WASSIP		0	0	35	0.76	–	–	–
Total		136,163						
Kuskokwim Bay	Kuskokwim R.	417	96	1,154	0.00	0.0	0.0	0.1
	Kanektok	102,873	96,712	108,017	0.00	22.6	11.7	38.3
	Goodnews	19,085	16,774	22,173	0.00	4.0	2.5	6.1

Note: Harvest is the number of sockeye salmon reported to have been harvested in the fishery.
Note: Harvest rate is the fishery harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
Note: Harvest rate for East of WASSIP were not calculated because it was not part of WASSIP plan.
[a] Adjusted median; 1.01 times unadjusted median for regional reporting groups. Adjusted medians for subregional reporting groups may not sum to the adjusted median for the regional reporting groups because the adjustments were calculated independently.

Table 100.–Kuskokwim Area, Arctic–Yukon–Kuskokwim Region, 2007, all strata. Regional and subregional (within Kuskokwim Bay) reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

Reporting Group		Harvest = 153,283; 6 strata				Harvest Rate (%)		
			90% CI				90% CI	
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Norton Sound		69	5	331	0.00	0.1	0.0	0.5
Kuskokwim Bay		131,205	123,680	138,281	0.00	8.5	6.0	10.7
Bristol Bay		21,912	18,426	26,605	0.00	0.1	0.0	0.1
North Peninsula		96	1	406	0.05	0.0	0.0	0.0
South Peninsula		0	0	47	0.74	0.0	0.0	0.0
Chignik		0	0	77	0.55	0.0	0.0	0.0
East of WASSIP		0	0	27	0.77	–	–	–
Total		153,282						
Kuskokwim Bay	Kuskokwim R.	5,253	3,073	7,808	0.00	0.9	0.4	2.1
	Kanektok	100,771	93,750	106,859	0.00	18.6	15.4	21.5
	Goodnews	25,623	23,258	27,690	0.00	5.9	4.2	7.6

Note: Harvest is the number of sockeye salmon reported to have been harvested in the fishery.
Note: Harvest rate is the fishery harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
Note: Harvest rate for East of WASSIP were not calculated because it was not part of WASSIP plan.
[a] Adjusted median; 1.01 times unadjusted median for regional reporting groups. Adjusted medians for subregional reporting groups may not sum to the adjusted median for the regional reporting groups because the adjustments were calculated independently.

Table 101.–Kuskokwim Area, Arctic–Yukon–Kuskokwim Region, 2008, all strata. Regional and subregional (within Kuskokwim Bay) reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

Reporting Group		Harvest = 96,980; 6 strata				Harvest Rate (%)		
			90% CI				90% CI	
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Norton Sound		93	6	495	0.00	0.3	0.0	1.7
Kuskokwim Bay		84,856	80,888	88,698	0.00	6.7	4.2	9.1
Bristol Bay		12,000	10,671	13,410	0.00	0.0	0.0	0.0
North Peninsula		31	0	195	0.07	0.0	0.0	0.0
South Peninsula		0	0	103	0.70	0.0	0.0	0.1
Chignik		0	0	37	0.58	0.0	0.0	0.0
East of WASSIP		0	0	21	0.75	–	–	–
Total		96,980						
Kuskokwim Bay	Kuskokwim R.	237	50	966	0.00	0.0	0.0	0.2
	Kanektok	69,200	65,234	72,683	0.00	26.8	22.0	32.2
	Goodnews	15,578	14,196	16,877	0.00	4.3	3.1	5.7

Note: Harvest is the number of sockeye salmon reported to have been harvested in the fishery.
Note: Harvest rate is the fishery harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
Note: Harvest rate for East of WASSIP were not calculated because it was not part of WASSIP plan.
[a] Adjusted median; 1.00 times unadjusted median for regional reporting groups. Adjusted medians for subregional reporting groups may not sum to the adjusted median for the regional reporting groups because the adjustments were calculated independently.

TABLES 102–104: HARVEST AND HARVEST RATE IN THE WASSIP AREA BY REGIONAL REPORTING GROUP

WHAT STOCKS WERE HARVESTED IN ALL WASSIP FISHERIES?

Table 102.–WASSIP fisheries, 2006, all strata. Subregional reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, the probability that reporting group harvest estimate is equal to zero ($P = 0$), means, and SDs are reported.

Reporting Group		Harvest = 33,368,330; 88 strata						Harvest Rate (%)				
			90% CI						90% CI			
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD	Median	5%	95%	Mean	SD
Norton Sound		1,327	98	11,300	0.00	2,946	4,951	1.8	0.1	13.3	3.5	5.0
Kuskokwim Bay	Kuskokwim R.[b]	289,409	163,683	470,664	0.00	299,355	93,833	27.7	17.6	38.7	27.9	6.4
	Kanektok	122,895	106,108	149,432	0.00	124,849	15,121	27.5	14.0	46.8	28.6	10.0
	Goodnews	227,606	172,761	333,193	0.00	237,496	49,662	49.8	29.7	70.2	49.9	12.3
Bristol Bay	Togiak	476,119	433,383	521,344	0.00	476,252	27,139	60.2	57.2	63.2	60.2	1.8
	Igushik	435,539	313,531	583,566	0.00	440,051	83,131	58.7	50.3	65.8	58.5	4.8
	Wood	8,432,193	8,009,285	8,850,373	0.00	8,423,461	255,397	67.8	65.6	69.8	67.8	1.3
	Nushagak	2,081,031	1,822,257	2,347,264	0.00	2,080,403	159,194	78.9	75.3	82.0	78.8	2.1
	Kvichak	2,600,150	2,426,701	2,775,329	0.00	2,598,295	105,873	45.9	43.2	48.5	45.9	1.6
	Alagnak	1,606,256	1,481,984	1,733,425	0.00	1,605,431	76,233	47.5	44.7	50.3	47.5	1.7
	Naknek	3,361,139	3,149,415	3,575,788	0.00	3,358,932	129,546	63.0	60.6	65.4	63.0	1.5
	Egegik	7,134,999	6,761,427	7,517,485	0.00	7,130,634	229,017	83.0	81.5	84.3	82.9	0.8
	Ugashik	3,133,941	2,829,112	3,399,088	0.00	3,121,503	174,874	75.7	73.3	77.8	75.6	1.4
North Peninsula	Cinder	66,313	44,905	92,405	0.00	67,124	14,500	23.0	10.8	42.5	24.4	9.8
	Meshik	50,069	27,622	76,750	0.00	50,849	14,930	13.7	5.5	29.1	15.0	7.4
	Ilnik	117,362	96,978	139,981	0.00	117,673	13,100	51.8	42.0	61.5	51.7	6.0
	Sandy	68,528	53,198	86,784	0.00	69,009	10,282	59.1	49.7	67.8	59.0	5.5
	Bear	814,348	779,639	848,414	0.00	813,465	20,917	64.7	61.9	67.3	64.6	1.6
	Nelson[b]	87,498	72,470	107,504	0.00	88,302	10,709	14.8	12.3	17.9	14.9	1.7
	NW Dist.-BH[b]	4,012	1,423	10,268	0.00	4,697	3,083	1.2	0.4	3.7	1.6	1.2
South Peninsula		9,288	6,265	21,277	0.00	11,251	8,434	6.4	2.6	16.9	7.7	5.4
Chignik	Black Lake	977,354	945,206	1,007,756	0.00	976,158	19,036	72.6	71.1	74.0	72.6	0.9
	Chignik Lake	584,297	557,815	610,515	0.00	583,778	16,034	61.1	58.7	63.5	61.1	1.4
East of WASSIP		686,656	661,427	710,876	0.00	685,856	15,035	–	–	–	–	–
Total		33,368,329				33,367,770						

Note: Harvest is the number of sockeye salmon reported to have been harvested in all of the fisheries in the WASSIP sampling plan.
Note: Harvest rate is the WASSIP commercial harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
Note: Harvest rates are calculated by dividing the harvest posterior by total run posterior distributions; therefore, mean harvest rate may not equal harvest rate calculated from numbers reported in the tables if distributions are highly skewed.
Note: Harvest rate for East of WASSIP not calculated because it was not part of WASSIP plan.
[a] Adjusted median; 1.00 times unadjusted median.
[b] WASSIP plus terminal or inriver commercial harvest and harvest rates are shown in Appendix B3.

Table 103.–WASSIP fisheries, 2007, all strata. Subregional reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, the probability that reporting group harvest estimate is equal to zero ($P = 0$), means, and SDs are reported.

Reporting Group		Harvest = 36,128,598; 85 strata						Harvest Rate (%)				
			90% CI						90% CI			
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD	Median	5%	95%	Mean	SD
Norton Sound		2,719	540	30,526	0.00	6,836	10,970	4.2	0.9	33.2	8.4	10.4
Kuskokwim Bay	Kuskokwim R.[b]	37,760	18,751	97,545	0.00	45,064	28,307	7.2	2.6	19.9	8.7	5.8
	Kanektok	207,445	148,101	314,953	0.00	216,325	52,771	38.6	30.7	49.2	39.1	5.7
	Goodnews	294,391	243,802	356,225	0.00	296,216	34,320	68.9	49.4	83.2	67.9	10.4
Bristol Bay	Togiak	736,705	685,282	789,043	0.00	736,233	31,655	73.1	70.9	75.1	73.0	1.3
	Igushik	434,693	291,564	597,561	0.00	438,043	92,656	51.0	41.0	59.1	50.7	5.5
	Wood	6,754,969	6,420,277	7,079,066	0.00	6,747,645	199,865	81.5	80.0	82.9	81.5	0.9
	Nushagak	2,065,125	1,858,076	2,274,055	0.00	2,063,395	126,205	79.6	76.4	82.5	79.6	1.9
	Kvichak	2,982,171	2,739,552	3,232,451	0.00	2,981,175	149,498	51.5	48.6	54.4	51.5	1.8
	Alagnak	2,340,477	2,143,392	2,546,124	0.00	2,340,100	122,569	48.7	45.7	51.7	48.7	1.8
	Naknek	5,674,214	5,308,842	6,041,542	0.00	5,670,159	222,922	65.7	63.3	68.0	65.7	1.4
	Egegik	6,062,182	5,642,995	6,663,461	0.00	6,086,429	305,822	80.9	79.1	82.7	80.9	1.1
	Ugashik	5,192,396	4,604,234	5,580,258	0.00	5,156,061	289,274	66.6	63.5	69.0	66.5	1.7
North Peninsula	Cinder	128,489	102,381	158,997	0.00	129,195	17,350	29.3	15.0	49.5	30.4	10.5
	Meshik	91,389	63,896	127,286	0.00	92,925	19,649	41.6	22.6	63.6	42.2	12.4
	Ilnik	143,741	123,327	169,532	0.00	144,609	14,275	55.7	45.8	65.2	55.6	5.9
	Sandy	42,740	31,523	57,216	0.00	43,319	7,909	48.9	41.2	56.4	48.8	4.6
	Bear[b]	1,218,111	1,166,828	1,269,796	0.00	1,217,102	31,239	73.9	71.7	75.9	73.8	1.3
	Nelson[b]	88,766	74,827	104,618	0.00	89,039	9,083	14.1	12.0	16.4	14.1	1.4
	NW Dist.-BH[b]	8,285	4,981	14,426	0.00	8,843	3,343	2.6	1.1	5.7	2.9	1.6
South Peninsula		7,285	3,387	16,032	0.00	8,184	4,581	4.7	1.6	13.0	5.6	3.9
Chignik	Black Lake	309,914	292,038	328,064	0.00	309,714	10,974	45.9	43.7	48.1	45.9	1.3
	Chignik Lake	673,418	648,414	697,350	0.00	672,661	14,911	69.4	67.6	71.1	69.4	1.1
East of WASSIP		631,213	603,112	659,178	0.00	630,613	17,019	–	–	–	–	–
Total		36,128,598				36,129,885						

Note: Harvest is the number of sockeye salmon reported to have been harvested in all of the fisheries in the WASSIP sampling plan.
Note: Harvest rate is the WASSIP commercial harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
Note: Harvest rates are calculated by dividing the harvest posterior by total run posterior distributions; therefore, mean harvest rate may not equal harvest rate calculated from numbers reported in the tables if distributions are highly skewed.
Note: Harvest rate for East of WASSIP not calculated because it was not part of WASSIP plan.
[a] Adjusted median; 1.00 times unadjusted median.
[b] WASSIP plus terminal or inriver commercial harvest and harvest rates are shown in Appendix B3.

Table 104.–WASSIP fisheries, 2008, all strata. Subregional reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, the probability that reporting group harvest estimate is equal to zero ($P = 0$), means, and SDs are reported.

Reporting Group		Harvest = 32,371,594; 81 strata						Harvest Rate (%)				
			90% CI						90% CI			
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD	Median	5%	95%	Mean	SD
Norton Sound		1,114	104	14,361	0.00	3,239	5,863	4.0	0.4	34.7	8.6	11.3
Kuskokwim Bay	Kuskokwim R.[b]	22,373	7,562	60,249	0.00	26,374	17,425	3.4	0.9	11.1	4.4	3.4
	Kanektok	108,400	83,342	146,414	0.00	110,776	19,900	42.5	34.0	52.1	42.7	5.5
	Goodnews	262,532	206,833	337,616	0.00	265,986	40,148	73.9	53.6	87.2	72.6	10.3
Bristol Bay	Togiak	550,778	487,566	600,319	0.00	547,658	34,104	72.4	69.5	74.8	72.3	1.6
	Igushik	661,909	536,928	806,010	0.00	664,934	82,004	38.5	33.3	43.7	38.5	3.1
	Wood	5,587,723	5,307,974	5,858,634	0.00	5,582,777	167,173	76.4	74.6	78.0	76.4	1.1
	Nushagak	1,582,592	1,411,076	1,763,874	0.00	1,583,268	107,064	75.9	72.1	79.3	75.8	2.2
	Kvichak	3,540,843	3,289,886	3,796,462	0.00	3,539,391	154,205	56.2	53.5	58.9	56.2	1.6
	Alagnak	2,339,119	2,156,749	2,525,568	0.00	2,338,562	112,362	51.8	48.9	54.6	51.7	1.7
	Naknek	6,304,304	5,970,667	6,632,000	0.00	6,298,826	201,349	71.7	69.7	73.6	71.7	1.2
	Egegik	6,675,598	6,311,557	7,047,850	0.00	6,673,201	224,124	84.1	82.7	85.4	84.1	0.8
	Ugashik	2,549,036	2,287,774	2,803,417	0.00	2,545,948	156,249	81.0	78.9	82.9	81.0	1.2
North Peninsula	Cinder	37,634	22,557	55,313	0.00	38,077	10,099	11.6	4.8	24.9	12.8	6.4
	Meshik	144,354	125,511	166,595	0.00	144,912	12,636	43.4	24.9	63.7	43.7	11.8
	Ilnik	17,879	11,493	31,233	0.00	19,232	6,327	21.5	10.5	39.9	22.8	9.1
	Sandy	9,742	3,945	22,805	0.00	11,075	6,145	23.3	10.9	41.6	24.4	9.4
	Bear[b]	771,869	732,533	812,642	0.00	771,539	24,309	70.6	67.5	73.6	70.6	1.8
	Nelson[b]	20,945	15,492	30,239	0.00	21,671	4,922	4.9	3.2	7.4	5.0	1.3
	NW Dist.-BH[b]	8,324	4,822	16,666	0.00	9,237	4,164	1.5	0.6	3.8	1.8	1.1
South Peninsula		46,281	39,723	59,891	0.00	47,517	6,803	21.7	11.0	38.1	22.7	8.3
Chignik	Black Lake	329,672	310,866	349,260	0.00	329,605	11,695	46.4	44.3	48.6	46.4	1.3
	Chignik Lake	522,262	500,921	543,860	0.00	521,977	13,091	61.2	59.2	63.2	61.2	1.2
East of WASSIP		276,311	259,609	294,403	0.00	276,407	10,671	–	–	–	–	–
Total		32,371,594				32,372,189						

Note: Harvest is the number of sockeye salmon reported to have been harvested in all of the fisheries in the WASSIP sampling plan.
Note: Harvest rate is the WASSIP commercial harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
Note: Harvest rates are calculated by dividing the harvest posterior by total run posterior distributions; therefore, mean harvest rate may not equal harvest rate calculated from numbers reported in the tables if distributions are highly skewed.
Note: Harvest rate for East of WASSIP not calculated because it was not part of WASSIP plan.
[a] Adjusted median; 1.00 times unadjusted median.
[b] WASSIP plus terminal or inriver commercial harvest and harvest rates are shown in Appendix B3.

TABLES 105–176: HARVEST AND HARVEST RATE OF A SUBREGIONAL REPORTING GROUP BY FISHERY

IN WHAT BROAD-SCALE FISHERY WAS A GIVEN STOCK HARVESTED?

Table 105.–Norton Sound subregional reporting group, 2006, all strata. Reporting group-specific harvest and harvest rate estimates by fishery. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

		Harvest				Harvest Rate (%)		
			90% CI				90% CI	
Region	Fishery	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Westward	Chignik Area	0	0	224	0.53	0.0	0.0	0.3
	SEDM	0	0	43	0.78	0.0	0.0	0.1
	S. AK Pen June	4	0	598	0.39	0.0	0.0	0.8
	S. AK Pen post-June	1	0	1,165	0.48	0.0	0.0	1.5
	N. AK Pen	5	0	2,455	0.39	0.0	0.0	3.1
Central	Bristol Bay Area	279	0	9,826	0.09	0.4	0.0	11.7
AYK	Kuskokwim Area	50	3	346	0.01	0.1	0.0	0.5
Total		340						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the fishery.
Note: Harvest rate is the fishery harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
[a] Adjusted median. Adjustment values vary by fishery (see Appendix E) for values.

Table 106.–Norton Sound subregional reporting group, 2007, all strata. Reporting group-specific harvest and harvest rate estimates by fishery. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

		Harvest				Harvest Rate (%)		
			90% CI				90% CI	
Region	Fishery	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Westward	Chignik Area	0	0	186	0.50	0.0	0.0	0.3
	SEDM	0	0	16	0.88	0.0	0.0	0.0
	S. AK Pen June	97	0	1,876	0.23	0.1	0.0	2.8
	S. AK Pen post-June	0	0	116	0.68	0.0	0.0	0.2
	N. AK Pen	932	6	3,057	0.04	1.4	0.0	4.5
Central	Bristol Bay Area	421	0	28,774	0.11	0.7	0.0	31.2
AYK	Kuskokwim Area	69	5	331	0.00	0.1	0.0	0.5
Total		1,524						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the fishery.
Note: Harvest rate is the fishery harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
[a] Adjusted median. Adjustment values vary by fishery (see Appendix E) for values.

Table 107.–Norton Sound subregional reporting group, 2008, all strata. Reporting group-specific harvest and harvest rate estimates by fishery. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

		Harvest				Harvest Rate (%)		
			90% CI				90% CI	
Region	Fishery	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Westward	Chignik Area	0	0	98	0.56	0.0	0.0	0.3
	SEDM	0	0	25	0.79	0.0	0.0	0.1
	S. AK Pen June	0	0	438	0.56	0.0	0.0	1.5
	S. AK Pen post-June	55	0	1,250	0.35	0.2	0.0	4.1
	N. AK Pen	0	0	351	0.62	0.0	0.0	1.2
Central	Bristol Bay Area	288	0	13,688	0.11	1.0	0.0	33.2
AYK	Kuskokwim Area	93	6	495	0.00	0.3	0.0	1.7
Total		436						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the fishery.
Note: Harvest rate is the fishery harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
[a] Adjusted median. Adjustment values vary by fishery (see Appendix E) for values.

Table 108.–Kuskokwim River subregional reporting group, 2006, all strata. Reporting group-specific harvest and harvest rate estimates by fishery. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

		Harvest				Harvest Rate (%)		
			90% CI				90% CI	
Region	Fishery	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Westward	Chignik Area	0	0	120	0.55	0.0	0.0	0.0
	SEDM	29	0	219	0.24	0.0	0.0	0.0
	S. AK Pen June	794	0	5,205	0.14	0.1	0.0	0.5
	S. AK Pen post-June	34	0	1,553	0.31	0.0	0.0	0.2
	N. AK Pen	104	0	676	0.17	0.0	0.0	0.1
Central	Bristol Bay Area	286,237	160,707	467,787	0.00	27.4	17.3	38.4
AYK	Kuskokwim Area	415	96	1,154	0.00	0.0	0.0	0.1
Total		288,169						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the fishery.
Note: Harvest rate is the fishery harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
[a] Adjusted median. Adjustment values vary by fishery (see Appendix E) for values.

Table 109.–Kuskokwim River subregional reporting group, 2007, all strata. Reporting group-specific harvest and harvest rate estimates by fishery. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

		Harvest				Harvest Rate (%)		
			90% CI				90% CI	
Region	Fishery	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Westward	Chignik Area	0	0	261	0.52	0.0	0.0	0.1
	SEDM	0	0	9	0.90	0.0	0.0	0.0
	S. AK Pen June	1,789	64	12,186	0.02	0.3	0.0	2.6
	S. AK Pen post-June	6,019	2,851	9,955	0.00	1.1	0.4	2.6
	N. AK Pen	1,318	127	4,023	0.00	0.2	0.0	0.9
Central	Bristol Bay Area	20,396	4,056	80,987	0.00	3.7	0.6	15.5
AYK	Kuskokwim Area	5,219	3,073	7,808	0.00	0.9	0.4	2.1
Total		34,881						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the fishery.
Note: Harvest rate is the fishery harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
[a] Adjusted median. Adjustment values vary by fishery (see Appendix E) for values.

Table 110.–Kuskokwim River subregional reporting group, 2008, all strata. Reporting group-specific harvest and harvest rate estimates by fishery. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

		Harvest				Harvest Rate (%)		
			90% CI				90% CI	
Region	Fishery	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Westward	Chignik Area	388	100	1,053	0.00	0.1	0.0	0.2
	SEDM	0	0	24	0.80	0.0	0.0	0.0
	S. AK Pen June	1,895	721	5,231	0.00	0.3	0.1	1.0
	S. AK Pen post-June	1,737	707	3,012	0.00	0.3	0.1	0.7
	N. AK Pen	3,607	1,165	7,259	0.01	0.6	0.1	1.5
Central	Bristol Bay Area	13,592	174	51,202	0.00	2.0	0.0	9.1
AYK	Kuskokwim Area	236	50	966	0.00	0.0	0.0	0.2
Total		21,521						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the fishery.
Note: Harvest rate is the fishery harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
[a] Adjusted median. Adjustment values vary by fishery (see Appendix E) for values.

Table 111.–Kanektok subregional reporting group, 2006, all strata. Reporting group-specific harvest and harvest rate estimates by fishery. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

		Harvest				Harvest Rate (%)		
			90% CI				90% CI	
Region	Fishery	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Westward	Chignik Area	0	0	148	0.54	0.0	0.0	0.0
	SEDM	0	0	191	0.72	0.0	0.0	0.0
	S. AK Pen June	465	34	2,372	0.00	0.1	0.0	0.6
	S. AK Pen post-June	128	27	711	0.00	0.0	0.0	0.2
	N. AK Pen	138	0	12,271	0.23	0.0	0.0	2.7
Central	Bristol Bay Area	17,132	3,101	41,793	0.00	3.6	0.6	10.3
AYK	Kuskokwim Area	102,300	96,712	108,017	0.00	22.6	11.7	38.3
Total		120,773						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the fishery.
Note: Harvest rate is the fishery harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
[a] Adjusted median. Adjustment values vary by fishery (see Appendix E) for values.

Table 112.–Kanektok subregional reporting group, 2007, all strata. Reporting group-specific harvest and harvest rate estimates by fishery. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

		Harvest				Harvest Rate (%)		
			90% CI				90% CI	
Region	Fishery	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Westward	Chignik Area	1	0	542	0.46	0.0	0.0	0.1
	SEDM	0	0	21	0.88	0.0	0.0	0.0
	S. AK Pen June	10,357	5,251	18,555	0.00	1.9	1.0	3.4
	S. AK Pen post-June	2,536	1,071	5,544	0.00	0.5	0.2	1.0
	N. AK Pen	7,768	0	19,693	0.07	1.4	0.0	3.6
Central	Bristol Bay Area	85,487	28,505	191,635	0.00	15.9	5.9	29.9
AYK	Kuskokwim Area	100,114	93,750	106,859	0.00	18.6	15.3	21.5
Total		207,226						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the fishery.
Note: Harvest rate is the fishery harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
[a] Adjusted median. Adjustment values vary by fishery (see Appendix E) for values.

Table 113.–Kanektok subregional reporting group, 2008, all strata. Reporting group-specific harvest and harvest rate estimates by fishery. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

		Harvest				Harvest Rate (%)		
			90% CI				90% CI	
Region	Fishery	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Westward	Chignik Area	13	0	220	0.29	0.0	0.0	0.1
	SEDM	95	8	402	0.00	0.0	0.0	0.2
	S. AK Pen June	9,296	878	22,717	0.00	3.6	0.4	8.6
	S. AK Pen post-June	3	0	1,072	0.44	0.0	0.0	0.4
	N. AK Pen	573	0	4,312	0.20	0.2	0.0	1.7
Central	Bristol Bay Area	27,734	6,929	63,326	0.00	10.8	2.9	22.1
AYK	Kuskokwim Area	68,890	65,234	72,683	0.00	26.8	22.0	32.2
Total		107,030						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the fishery.
Note: Harvest rate is the fishery harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
[a] Adjusted median. Adjustment values vary by fishery (see Appendix E) for values.

Table 114.–Goodnews subregional reporting group, 2006, all strata. Reporting group-specific harvest and harvest rate estimates by fishery. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

		Harvest				Harvest Rate (%)		
			90% CI				90% CI	
Region	Fishery	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Westward	Chignik Area	1	0	190	0.45	0.0	0.0	0.0
	SEDM	47	0	165	0.08	0.0	0.0	0.0
	S. AK Pen June	3,868	909	7,641	0.00	0.8	0.2	1.8
	S. AK Pen post-June	65	0	1,131	0.27	0.0	0.0	0.2
	N. AK Pen	14,228	1,759	26,650	0.00	2.9	0.4	6.2
Central	Bristol Bay Area	189,224	136,362	294,327	0.00	41.5	24.2	60.4
AYK	Kuskokwim Area	18,979	16,774	22,173	0.00	4.0	2.5	6.1
Total		226,986						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the fishery.
Note: Harvest rate is the fishery harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
[a] Adjusted median. Adjustment values vary by fishery (see Appendix E) for values.

Table 115.–Goodnews subregional reporting group, 2007, all strata. Reporting group-specific harvest and harvest rate estimates by fishery. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

		Harvest				Harvest Rate (%)		
			90% CI				90% CI	
Region	Fishery	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Westward	Chignik Area	2,325	1,007	3,884	0.00	0.5	0.2	0.9
	SEDM	1	0	246	0.23	0.0	0.0	0.1
	S. AK Pen June	12,869	4,306	24,127	0.00	2.9	1.0	5.7
	S. AK Pen post-June	13,683	5,953	20,575	0.00	3.1	1.3	5.1
	N. AK Pen	12,505	4,674	24,435	0.00	2.8	1.0	5.7
Central	Bristol Bay Area	226,062	179,233	285,312	0.00	52.8	37.3	65.4
AYK	Kuskokwim Area	25,456	23,258	27,690	0.00	5.9	4.2	7.6
Total		293,795						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the fishery.
Note: Harvest rate is the fishery harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
[a] Adjusted median. Adjustment values vary by fishery (see Appendix E) for values.

Table 116.–Goodnews subregional reporting group, 2008, all strata. Reporting group-specific harvest and harvest rate estimates by fishery. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

		Harvest				Harvest Rate (%)		
			90% CI				90% CI	
Region	Fishery	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Westward	Chignik Area	893	487	1,704	0.00	0.2	0.1	0.5
	SEDM	246	7	1,091	0.04	0.1	0.0	0.3
	S. AK Pen June	26,792	15,507	41,865	0.00	7.3	4.0	12.1
	S. AK Pen post-June	235	0	1,471	0.22	0.1	0.0	0.4
	N. AK Pen	12,398	6,183	19,819	0.00	3.4	1.6	5.8
Central	Bristol Bay Area	204,772	150,698	279,520	0.00	57.4	40.7	70.4
AYK	Kuskokwim Area	15,508	14,196	16,877	0.00	4.3	3.1	5.7
Total		261,494						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the fishery.
Note: Harvest rate is the fishery harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
[a] Adjusted median. Adjustment values vary by fishery (see Appendix E) for values.

Table 117.–Togiak subregional reporting group, 2006, all strata. Reporting group-specific harvest and harvest rate estimates by fishery. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

		Harvest				Harvest Rate (%)		
			90% CI				90% CI	
Region	Fishery	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Westward	Chignik Area	58	0	283	0.05	0.0	0.0	0.0
	SEDM	0	0	86	0.72	0.0	0.0	0.0
	S. AK Pen June	1,491	262	4,258	0.00	0.2	0.0	0.5
	S. AK Pen post-June	3,701	2,127	5,860	0.00	0.5	0.3	0.7
	N. AK Pen	2,274	343	13,142	0.00	0.3	0.0	1.6
Central	Bristol Bay Area	457,134	415,890	502,249	0.00	57.9	54.8	60.9
AYK	Kuskokwim Area	8,454	7,190	10,718	0.00	1.1	0.9	1.4
Total		474,079						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the fishery.
Note: Harvest rate is the fishery harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
[a] Adjusted median. Adjustment values vary by fishery (see Appendix E) for values.

Table 118.–Togiak subregional reporting group, 2007, all strata. Reporting group-specific harvest and harvest rate estimates by fishery. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

		Harvest				Harvest Rate (%)		
			90% CI				90% CI	
Region	Fishery	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Westward	Chignik Area	410	0	1,600	0.07	0.0	0.0	0.2
	SEDM	0	0	327	0.69	0.0	0.0	0.0
	S. AK Pen June	8,214	2,908	15,775	0.00	0.8	0.3	1.6
	S. AK Pen post-June	9,084	3,668	17,282	0.00	0.9	0.4	1.7
	N. AK Pen	11,386	4,809	19,798	0.00	1.1	0.5	2.0
Central	Bristol Bay Area	690,897	642,594	742,762	0.00	68.6	66.2	70.9
AYK	Kuskokwim Area	13,924	11,611	17,041	0.00	1.4	1.1	1.7
Total		735,651						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the fishery.
Note: Harvest rate is the fishery harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
[a] Adjusted median. Adjustment values vary by fishery (see Appendix E) for values.

Table 119.–Togiak subregional reporting group, 2008, all strata. Reporting group-specific harvest and harvest rate estimates by fishery. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

		Harvest				Harvest Rate (%)		
			90% CI				90% CI	
Region	Fishery	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Westward	Chignik Area	1,125	586	1,787	0.00	0.1	0.1	0.2
	SEDM	0	0	128	0.71	0.0	0.0	0.0
	S. AK Pen June	3,618	679	10,909	0.00	0.5	0.1	1.4
	S. AK Pen post-June	2,733	1,660	4,119	0.00	0.4	0.2	0.5
	N. AK Pen	11,278	6,268	18,194	0.00	1.5	0.8	2.4
Central	Bristol Bay Area	522,082	459,876	571,213	0.00	68.7	65.5	71.3
AYK	Kuskokwim Area	8,194	7,125	9,347	0.00	1.1	0.9	1.3
Total		549,984						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the fishery.
Note: Harvest rate is the fishery harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
[a] Adjusted median. Adjustment values vary by fishery (see Appendix E) for values.

Table 120.–Igushik subregional reporting group, 2006, all strata. Reporting group-specific harvest and harvest rate estimates by fishery. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

		Harvest				Harvest Rate (%)		
			90% CI				90% CI	
Region	Fishery	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Westward	Chignik Area	241	6	995	0.03	0.0	0.0	0.1
	SEDM	0	0	168	0.63	0.0	0.0	0.0
	S. AK Pen June	12,164	6,525	18,567	0.00	1.6	0.9	2.6
	S. AK Pen post-June	24	0	4,225	0.34	0.0	0.0	0.6
	N. AK Pen	14,972	7,825	24,122	0.00	2.0	1.0	3.3
Central	Bristol Bay Area	406,016	284,773	554,382	0.00	54.8	45.7	62.6
AYK	Kuskokwim Area	257	0	624	0.13	0.0	0.0	0.1
Total		434,614						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the fishery.
Note: Harvest rate is the fishery harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
[a] Adjusted median. Adjustment values vary by fishery (see Appendix E) for values.

Table 121.–Igushik subregional reporting group, 2007, all strata. Reporting group-specific harvest and harvest rate estimates by fishery. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

		Harvest				Harvest Rate (%)		
			90% CI				90% CI	
Region	Fishery	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Westward	Chignik Area	1,196	51	2,416	0.01	0.1	0.0	0.3
	SEDM	0	0	39	0.86	0.0	0.0	0.0
	S. AK Pen June	64,106	42,760	87,130	0.00	7.5	5.0	10.6
	S. AK Pen post-June	3,229	152	7,387	0.03	0.4	0.0	0.9
	N. AK Pen	52,535	34,100	73,663	0.00	6.2	4.0	8.9
Central	Bristol Bay Area	311,578	171,312	472,195	0.00	36.6	24.0	46.9
AYK	Kuskokwim Area	438	0	995	0.12	0.1	0.0	0.1
Total		434,441						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the fishery.
Note: Harvest rate is the fishery harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
[a] Adjusted median. Adjustment values vary by fishery (see Appendix E) for values.

Table 122.–Igushik subregional reporting group, 2008, all strata. Reporting group-specific harvest and harvest rate estimates by fishery. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

		Harvest				Harvest Rate (%)		
			90% CI				90% CI	
Region	Fishery	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Westward	Chignik Area	686	216	1,274	0.01	0.0	0.0	0.1
	SEDM	538	0	1,204	0.11	0.0	0.0	0.1
	S. AK Pen June	71,240	43,027	103,776	0.00	4.1	2.5	6.0
	S. AK Pen post-June	332	0	1,513	0.08	0.0	0.0	0.1
	N. AK Pen	75,070	57,888	93,858	0.00	4.4	3.3	5.5
Central	Bristol Bay Area	511,359	390,227	653,593	0.00	29.7	24.2	35.4
AYK	Kuskokwim Area	412	0	1,166	0.08	0.0	0.0	0.1
Total		661,291						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the fishery.
Note: Harvest rate is the fishery harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
[a] Adjusted median. Adjustment values vary by fishery (see Appendix E) for values.

Table 123.–Wood subregional reporting group, 2006, all strata. Reporting group-specific harvest and harvest rate estimates by fishery. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

		Harvest				Harvest Rate (%)		
			90% CI				90% CI	
Region	Fishery	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Westward	Chignik Area	68	0	549	0.17	0.0	0.0	0.0
	SEDM	0	0	67	0.74	0.0	0.0	0.0
	S. AK Pen June	125,453	114,059	137,621	0.00	1.0	0.9	1.1
	S. AK Pen post-June	6,864	3,136	9,739	0.00	0.1	0.0	0.1
	N. AK Pen	75,566	62,644	90,183	0.00	0.6	0.5	0.7
Central	Bristol Bay Area	8,210,602	7,799,948	8,639,966	0.00	66.1	64.0	68.1
AYK	Kuskokwim Area	1,216	656	2,026	0.00	0.0	0.0	0.0
Total		8,436,737						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the fishery.
Note: Harvest rate is the fishery harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
[a] Adjusted median. Adjustment values vary by fishery (see Appendix E) for values.

Table 124.–Wood subregional reporting group, 2007, all strata. Reporting group-specific harvest and harvest rate estimates by fishery. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

		Harvest				Harvest Rate (%)		
			90% CI				90% CI	
Region	Fishery	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Westward	Chignik Area	1,482	656	2,914	0.00	0.0	0.0	0.0
	SEDM	0	0	18	0.88	0.0	0.0	0.0
	S. AK Pen June	348,595	317,903	381,358	0.00	4.2	3.8	4.6
	S. AK Pen post-June	51,078	43,360	59,485	0.00	0.6	0.5	0.7
	N. AK Pen	199,061	172,239	228,611	0.00	2.4	2.1	2.8
Central	Bristol Bay Area	6,141,307	5,819,733	6,471,177	0.00	74.2	72.6	75.7
AYK	Kuskokwim Area	3,034	1,966	4,416	0.00	0.0	0.0	0.1
Total		6,761,410						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the fishery.
Note: Harvest rate is the fishery harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
[a] Adjusted median. Adjustment values vary by fishery (see Appendix E) for values.

Table 125.–Wood subregional reporting group, 2008, all strata. Reporting group-specific harvest and harvest rate estimates by fishery. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

		Harvest				Harvest Rate (%)		
			90% CI				90% CI	
Region	Fishery	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Westward	Chignik Area	1,828	1,173	2,677	0.00	0.0	0.0	0.0
	SEDM	0	0	605	0.51	0.0	0.0	0.0
	S. AK Pen June	276,315	236,521	319,224	0.00	3.8	3.2	4.4
	S. AK Pen post-June	5,663	4,036	7,620	0.00	0.1	0.1	0.1
	N. AK Pen	152,842	131,305	175,605	0.00	2.1	1.8	2.4
Central	Bristol Bay Area	5,142,249	4,873,998	5,415,794	0.00	70.4	68.5	72.1
AYK	Kuskokwim Area	1,735	1,050	2,546	0.00	0.0	0.0	0.0
Total		5,591,457						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the fishery.
Note: Harvest rate is the fishery harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
[a] Adjusted median. Adjustment values vary by fishery (see Appendix E) for values.

Table 126.–Nushagak subregional reporting group, 2006, all strata. Reporting group-specific harvest and harvest rate estimates by fishery. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

		Harvest				Harvest Rate (%)		
			90% CI				90% CI	
Region	Fishery	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Westward	Chignik Area	456	0	1,586	0.05	0.0	0.0	0.1
	SEDM	0	0	75	0.72	0.0	0.0	0.0
	S. AK Pen June	15,772	11,075	21,666	0.00	0.6	0.4	0.8
	S. AK Pen post-June	6,540	4,074	9,362	0.00	0.2	0.2	0.4
	N. AK Pen	8,021	2,430	16,253	0.00	0.3	0.1	0.6
Central	Bristol Bay Area	2,042,705	1,787,139	2,311,668	0.00	77.5	73.9	80.8
AYK	Kuskokwim Area	3,494	2,534	4,681	0.00	0.1	0.1	0.2
Total		2,081,103						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the fishery.
Note: Harvest rate is the fishery harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
[a] Adjusted median. Adjustment values vary by fishery (see Appendix E) for values.

Table 127.–Nushagak subregional reporting group, 2007, all strata. Reporting group-specific harvest and harvest rate estimates by fishery. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

		Harvest				Harvest Rate (%)		
			90% CI				90% CI	
Region	Fishery	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Westward	Chignik Area	73	0	850	0.16	0.0	0.0	0.0
	SEDM	0	0	27	0.85	0.0	0.0	0.0
	S. AK Pen June	70,492	53,247	89,786	0.00	2.7	2.0	3.5
	S. AK Pen post-June	14,481	9,041	21,575	0.00	0.6	0.3	0.8
	N. AK Pen	10,806	4,896	20,706	0.00	0.4	0.2	0.8
Central	Bristol Bay Area	1,960,716	1,757,819	2,172,634	0.00	75.7	72.3	78.7
AYK	Kuskokwim Area	3,628	2,170	6,750	0.00	0.1	0.1	0.3
Total		2,065,091						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the fishery.
Note: Harvest rate is the fishery harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
[a] Adjusted median. Adjustment values vary by fishery (see Appendix E) for values.

Table 128.–Nushagak subregional reporting group, 2008, all strata. Reporting group-specific harvest and harvest rate estimates by fishery. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

		Harvest				Harvest Rate (%)		
			90% CI				90% CI	
Region	Fishery	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Westward	Chignik Area	1,583	786	2,496	0.00	0.1	0.0	0.1
	SEDM	0	0	85	0.72	0.0	0.0	0.0
	S. AK Pen June	103,435	79,553	131,582	0.00	5.0	3.8	6.3
	S. AK Pen post-June	5,058	3,486	7,017	0.00	0.2	0.2	0.3
	N. AK Pen	43,731	31,524	57,837	0.00	2.1	1.5	2.8
Central	Bristol Bay Area	1,424,596	1,257,006	1,605,130	0.00	68.4	64.4	72.1
AYK	Kuskokwim Area	1,230	838	1,857	0.00	0.1	0.0	0.1
Total		1,582,873						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the fishery.
Note: Harvest rate is the fishery harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
[a] Adjusted median. Adjustment values vary by fishery (see Appendix E) for values.

Table 129.–Kvichak subregional reporting group, 2006, all strata. Reporting group-specific harvest and harvest rate estimates by fishery. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

		Harvest				Harvest Rate (%)		
			90% CI				90% CI	
Region	Fishery	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Westward	Chignik Area	160	13	1,364	0.00	0.0	0.0	0.0
	SEDM	0	0	79	0.76	0.0	0.0	0.0
	S. AK Pen June	17,475	12,901	22,951	0.00	0.3	0.2	0.4
	S. AK Pen post-June	2,542	1,455	4,079	0.00	0.0	0.0	0.1
	N. AK Pen	53,055	40,239	67,837	0.00	0.9	0.7	1.2
Central	Bristol Bay Area	2,522,358	2,353,390	2,700,210	0.00	44.6	41.9	47.2
AYK	Kuskokwim Area	38	0	171	0.23	0.0	0.0	0.0
Total		2,600,887						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the fishery.
Note: Harvest rate is the fishery harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
[a] Adjusted median. Adjustment values vary by fishery (see Appendix E) for values.

Table 130.–Kvichak subregional reporting group, 2007, all strata. Reporting group-specific harvest and harvest rate estimates by fishery. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

		Harvest				Harvest Rate (%)		
			90% CI				90% CI	
Region	Fishery	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Westward	Chignik Area	1,074	519	1,995	0.00	0.0	0.0	0.0
	SEDM	0	0	273	0.81	0.0	0.0	0.0
	S. AK Pen June	105,521	87,797	125,608	0.00	1.8	1.5	2.2
	S. AK Pen post-June	11,374	7,132	16,618	0.00	0.2	0.1	0.3
	N. AK Pen	100,750	80,760	123,458	0.00	1.7	1.4	2.1
Central	Bristol Bay Area	2,758,451	2,521,162	3,010,595	0.00	47.7	44.7	50.6
AYK	Kuskokwim Area	65	0	276	0.19	0.0	0.0	0.0
Total		2,984,359						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the fishery.
Note: Harvest rate is the fishery harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
[a] Adjusted median. Adjustment values vary by fishery (see Appendix E) for values.

Table 131.–Kvichak subregional reporting group, 2008, all strata. Reporting group-specific harvest and harvest rate estimates by fishery. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

		Harvest				Harvest Rate (%)		
			90% CI				90% CI	
Region	Fishery	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Westward	Chignik Area	3,552	2,573	4,731	0.00	0.1	0.0	0.1
	SEDM	94	7	500	0.00	0.0	0.0	0.0
	S. AK Pen June	237,244	207,484	269,346	0.00	3.8	3.3	4.3
	S. AK Pen post-June	8,052	5,769	10,712	0.00	0.1	0.1	0.2
	N. AK Pen	41,764	30,376	54,781	0.00	0.7	0.5	0.9
Central	Bristol Bay Area	3,245,192	3,001,035	3,502,132	0.00	51.6	48.9	54.2
AYK	Kuskokwim Area	34	0	166	0.22	0.0	0.0	0.0
Total		3,543,047						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the fishery.
Note: Harvest rate is the fishery harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
[a] Adjusted median. Adjustment values vary by fishery (see Appendix E) for values.

Table 132.–Alagnak subregional reporting group, 2006, all strata. Reporting group-specific harvest and harvest rate estimates by fishery. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

		Harvest				Harvest Rate (%)		
			90% CI				90% CI	
Region	Fishery	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Westward	Chignik Area	1,104	465	2,301	0.00	0.0	0.0	0.1
	SEDM	91	0	829	0.28	0.0	0.0	0.0
	S. AK Pen June	28,129	22,903	34,084	0.00	0.8	0.7	1.0
	S. AK Pen post-June	4,915	3,167	7,207	0.00	0.1	0.1	0.2
	N. AK Pen	24,130	16,734	33,410	0.00	0.7	0.5	1.0
Central	Bristol Bay Area	1,544,747	1,422,747	1,673,727	0.00	45.8	42.9	48.6
AYK	Kuskokwim Area	0	0	46	0.72	0.0	0.0	0.0
Total		1,606,416						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the fishery.
Note: Harvest rate is the fishery harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
[a] Adjusted median. Adjustment values vary by fishery (see Appendix E) for values.

Table 133.–Alagnak subregional reporting group, 2007, all strata. Reporting group-specific harvest and harvest rate estimates by fishery. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

		Harvest				Harvest Rate (%)		
			90% CI				90% CI	
Region	Fishery	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Westward	Chignik Area	1,379	715	2,342	0.00	0.0	0.0	0.0
	SEDM	0	0	11	0.89	0.0	0.0	0.0
	S. AK Pen June	126,721	109,810	145,457	0.00	2.6	2.3	3.1
	S. AK Pen post-June	26,969	21,662	33,015	0.00	0.6	0.4	0.7
	N. AK Pen	49,200	36,211	64,744	0.00	1.0	0.8	1.4
Central	Bristol Bay Area	2,132,093	1,939,688	2,339,069	0.00	44.4	41.4	47.4
AYK	Kuskokwim Area	0	0	82	0.69	0.0	0.0	0.0
Total		2,342,253						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the fishery.
Note: Harvest rate is the fishery harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
[a]Adjusted median. Adjustment values vary by fishery (see Appendix E) for values.

Table 134.–Alagnak subregional reporting group, 2008, all strata. Reporting group-specific harvest and harvest rate estimates by fishery. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

		Harvest				Harvest Rate (%)		
			90% CI				90% CI	
Region	Fishery	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Westward	Chignik Area	1,931	1,256	2,810	0.00	0.0	0.0	0.1
	SEDM	54	4	232	0.01	0.0	0.0	0.0
	S. AK Pen June	84,850	68,663	104,096	0.00	1.9	1.5	2.3
	S. AK Pen post-June	2,712	1,732	3,962	0.00	0.1	0.0	0.1
	N. AK Pen	33,425	25,571	42,695	0.00	0.7	0.6	1.0
Central	Bristol Bay Area	2,212,596	2,034,355	2,400,721	0.00	49.0	46.1	51.9
AYK	Kuskokwim Area	0	0	39	0.71	0.0	0.0	0.0
Total		2,339,838						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the fishery.
Note: Harvest rate is the fishery harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
[a] Adjusted median. Adjustment values vary by fishery (see Appendix E) for values.

Table 135.–Naknek subregional reporting group, 2006, all strata. Reporting group-specific harvest and harvest rate estimates by fishery. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

		Harvest				Harvest Rate (%)		
			90% CI				90% CI	
Region	Fishery	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Westward	Chignik Area	275	45	866	0.01	0.0	0.0	0.0
	SEDM	0	0	303	0.71	0.0	0.0	0.0
	S. AK Pen June	47,915	40,323	56,418	0.00	0.9	0.8	1.1
	S. AK Pen post-June	11,283	8,617	14,496	0.00	0.2	0.2	0.3
	N. AK Pen	78,182	64,332	93,868	0.00	1.5	1.2	1.8
Central	Bristol Bay Area	3,217,983	3,011,664	3,436,219	0.00	60.4	58.0	62.8
AYK	Kuskokwim Area	156	52	329	0.00	0.0	0.0	0.0
Total		3,362,770						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the fishery.
Note: Harvest rate is the fishery harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
[a] Adjusted median. Adjustment values vary by fishery (see Appendix E) for values.

Table 136.–Naknek subregional reporting group, 2007, all strata. Reporting group-specific harvest and harvest rate estimates by fishery. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

		Harvest				Harvest Rate (%)		
			90% CI				90% CI	
Region	Fishery	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Westward	Chignik Area	2,171	1,134	3,541	0.00	0.0	0.0	0.0
	SEDM	385	64	1,112	0.00	0.0	0.0	0.0
	S. AK Pen June	189,700	166,266	215,319	0.00	2.2	1.9	2.5
	S. AK Pen post-June	51,909	44,345	60,072	0.00	0.6	0.5	0.7
	N. AK Pen	188,600	163,182	216,500	0.00	2.2	1.9	2.5
Central	Bristol Bay Area	5,232,643	4,877,487	5,606,759	0.00	60.6	58.2	63.0
AYK	Kuskokwim Area	275	96	559	0.00	0.0	0.0	0.0
Total		5,679,332						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the fishery.
Note: Harvest rate is the fishery harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
[a] Adjusted median. Adjustment values vary by fishery (see Appendix E) for values.

Table 137.–Naknek subregional reporting group, 2008, all strata. Reporting group-specific harvest and harvest rate estimates by fishery. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

		Harvest				Harvest Rate (%)		
			90% CI				90% CI	
Region	Fishery	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Westward	Chignik Area	6,508	5,067	8,185	0.00	0.1	0.1	0.1
	SEDM	339	57	875	0.00	0.0	0.0	0.0
	S. AK Pen June	184,659	157,919	214,139	0.00	2.1	1.8	2.4
	S. AK Pen post-June	8,533	6,556	10,876	0.00	0.1	0.1	0.1
	N. AK Pen	116,556	101,430	133,012	0.00	1.3	1.1	1.5
Central	Bristol Bay Area	5,979,784	5,654,198	6,312,533	0.00	68.0	66.0	70.0
AYK	Kuskokwim Area	173	58	355	0.00	0.0	0.0	0.0
Total		6,307,883						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the fishery.
Note: Harvest rate is the fishery harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
[a] Adjusted median. Adjustment values vary by fishery (see Appendix E) for values.

Table 138.–Egegik subregional reporting group, 2006, all strata. Reporting group-specific harvest and harvest rate estimates by fishery. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

		Harvest				Harvest Rate (%)		
			90% CI				90% CI	
Region	Fishery	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Westward	Chignik Area	1,269	372	2,904	0.00	0.0	0.0	0.0
	SEDM	0	0	187	0.73	0.0	0.0	0.0
	S. AK Pen June	110,952	97,445	125,272	0.00	1.3	1.1	1.5
	S. AK Pen post-June	20,044	14,741	26,458	0.00	0.2	0.2	0.3
	N. AK Pen	120,569	85,499	160,819	0.00	1.4	1.0	1.9
Central	Bristol Bay Area	6,870,479	6,508,899	7,259,881	0.00	80.0	78.5	81.4
AYK	Kuskokwim Area	47	0	170	0.06	0.0	0.0	0.0
Total		7,138,009						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the fishery.
Note: Harvest rate is the fishery harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
[a] Adjusted median. Adjustment values vary by fishery (see Appendix E) for values.

Table 139.–Egegik subregional reporting group, 2007, all strata. Reporting group-specific harvest and harvest rate estimates by fishery. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

		Harvest				Harvest Rate (%)		
			90% CI				90% CI	
Region	Fishery	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Westward	Chignik Area	4,922	2,716	7,550	0.00	0.1	0.0	0.1
	SEDM	0	0	83	0.85	0.0	0.0	0.0
	S. AK Pen June	234,364	203,077	268,256	0.00	3.1	2.7	3.6
	S. AK Pen post-June	45,678	35,185	56,159	0.00	0.6	0.5	0.8
	N. AK Pen	106,946	81,666	137,434	0.00	1.4	1.1	1.8
Central	Bristol Bay Area	5,660,418	5,250,166	6,269,114	0.00	75.6	73.7	77.8
AYK	Kuskokwim Area	62	0	223	0.06	0.0	0.0	0.0
Total		6,066,981						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the fishery.
Note: Harvest rate is the fishery harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
[a] Adjusted median. Adjustment values vary by fishery (see Appendix E) for values.

Table 140.–Egegik subregional reporting group, 2008, all strata. Reporting group-specific harvest and harvest rate estimates by fishery. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

		Harvest				Harvest Rate (%)		
			90% CI				90% CI	
Region	Fishery	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Westward	Chignik Area	7,855	6,328	9,579	0.00	0.1	0.1	0.1
	SEDM	227	67	706	0.00	0.0	0.0	0.0
	S. AK Pen June	406,531	366,014	449,136	0.00	5.1	4.6	5.7
	S. AK Pen post-June	13,748	10,888	16,958	0.00	0.2	0.1	0.2
	N. AK Pen	69,158	50,802	88,643	0.00	0.9	0.6	1.1
Central	Bristol Bay Area	6,170,915	5,815,874	6,547,609	0.00	77.8	76.3	79.3
AYK	Kuskokwim Area	40	0	143	0.06	0.0	0.0	0.0
Total		6,681,615						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the fishery.
Note: Harvest rate is the fishery harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
[a] Adjusted median. Adjustment values vary by fishery (see Appendix E) for values.

Table 141.–Ugashik subregional reporting group, 2006, all strata. Reporting group-specific harvest and harvest rate estimates by fishery. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

		Harvest				Harvest Rate (%)		
			90% CI				90% CI	
Region	Fishery	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Westward	Chignik Area	1,116	168	2,597	0.01	0.0	0.0	0.1
	SEDM	71	0	1,271	0.37	0.0	0.0	0.0
	S. AK Pen June	36,613	26,496	47,765	0.00	0.9	0.6	1.2
	S. AK Pen post-June	9,463	4,660	14,647	0.00	0.2	0.1	0.4
	N. AK Pen	448,541	404,471	493,631	0.00	10.9	9.7	12.2
Central	Bristol Bay Area	2,633,312	2,334,471	2,899,068	0.00	63.7	60.5	66.3
AYK	Kuskokwim Area	0	0	37	0.75	0.0	0.0	0.0
Total		3,137,045						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the fishery.
Note: Harvest rate is the fishery harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
[a] Adjusted median. Adjustment values vary by fishery (see Appendix E) for values.

Table 142.–Ugashik subregional reporting group, 2007, all strata. Reporting group-specific harvest and harvest rate estimates by fishery. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

		Harvest				Harvest Rate (%)		
			90% CI				90% CI	
Region	Fishery	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Westward	Chignik Area	4,391	2,344	6,837	0.00	0.1	0.0	0.1
	SEDM	0	0	419	0.78	0.0	0.0	0.0
	S. AK Pen June	194,363	163,371	227,013	0.00	2.5	2.1	3.0
	S. AK Pen post-June	18,090	9,439	28,966	0.00	0.2	0.1	0.4
	N. AK Pen	505,882	463,723	549,757	0.00	6.5	5.9	7.3
Central	Bristol Bay Area	4,462,257	3,881,654	4,852,689	0.00	57.3	53.6	59.9
AYK	Kuskokwim Area	0	0	38	0.74	0.0	0.0	0.0
Total		5,197,826						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the fishery.
Note: Harvest rate is the fishery harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
[a] Adjusted median. Adjustment values vary by fishery (see Appendix E) for values.

Table 143.–Ugashik subregional reporting group, 2008, all strata. Reporting group-specific harvest and harvest rate estimates by fishery. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

		Harvest				Harvest Rate (%)		
			90% CI				90% CI	
Region	Fishery	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Westward	Chignik Area	2,626	1,604	3,908	0.00	0.1	0.1	0.1
	SEDM	0	0	505	0.51	0.0	0.0	0.0
	S. AK Pen June	97,695	73,387	126,621	0.00	3.1	2.3	4.0
	S. AK Pen post-June	3,031	1,612	5,175	0.00	0.1	0.1	0.2
	N. AK Pen	276,328	250,728	303,672	0.00	8.8	7.8	9.9
Central	Bristol Bay Area	2,165,022	1,909,190	2,419,717	0.00	68.9	65.8	71.6
AYK	Kuskokwim Area	0	0	23	0.75	0.0	0.0	0.0
Total		2,549,996						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the fishery.
Note: Harvest rate is the fishery harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
[a] Adjusted median. Adjustment values vary by fishery (see Appendix E) for values.

Table 144.–Cinder subregional reporting group, 2006, all strata. Reporting group-specific harvest and harvest rate estimates by fishery. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

		Harvest				Harvest Rate (%)		
			90% CI				90% CI	
Region	Fishery	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Westward	Chignik Area	2	0	268	0.44	0.0	0.0	0.1
	SEDM	0	0	164	0.72	0.0	0.0	0.1
	S. AK Pen June	5,681	2,528	9,711	0.00	1.9	0.7	4.4
	S. AK Pen post-June	3,721	869	6,590	0.01	1.2	0.2	2.9
	N. AK Pen	39,515	22,270	60,227	0.00	13.5	5.8	26.7
Central	Bristol Bay Area	15,926	6,444	33,013	0.00	5.5	1.8	13.5
AYK	Kuskokwim Area	0	0	87	0.64	0.0	0.0	0.0
Total		65,163						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the fishery.
Note: Harvest rate is the fishery harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
[a] Adjusted median. Adjustment values vary by fishery (see Appendix E) for values.

Table 145.–Cinder subregional reporting group, 2007, all strata. Reporting group-specific harvest and harvest rate estimates by fishery. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

		Harvest				Harvest Rate (%)		
			90% CI				90% CI	
Region	Fishery	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Westward	Chignik Area	862	0	2,429	0.10	0.2	0.0	0.6
	SEDM	0	0	18	0.87	0.0	0.0	0.0
	S. AK Pen June	3,569	157	10,200	0.02	0.8	0.0	2.6
	S. AK Pen post-June	246	0	3,521	0.27	0.1	0.0	0.9
	N. AK Pen	108,746	84,850	134,850	0.00	24.7	12.6	42.1
Central	Bristol Bay Area	11,048	7,390	30,205	0.00	2.7	1.2	7.4
AYK	Kuskokwim Area	0	0	130	0.60	0.0	0.0	0.0
Total		124,886						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the fishery.
Note: Harvest rate is the fishery harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
[a] Adjusted median. Adjustment values vary by fishery (see Appendix E) for values.

Table 146.–Cinder subregional reporting group, 2008, all strata. Reporting group-specific harvest and harvest rate estimates by fishery. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

		Harvest				Harvest Rate (%)		
			90% CI				90% CI	
Region	Fishery	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Westward	Chignik Area	8	0	838	0.36	0.0	0.0	0.3
	SEDM	96	0	807	0.28	0.0	0.0	0.3
	S. AK Pen June	2,800	176	8,116	0.02	0.9	0.1	3.0
	S. AK Pen post-June	3,865	1,482	6,731	0.00	1.2	0.4	2.9
	N. AK Pen	23,934	11,062	37,344	0.00	7.2	2.6	16.4
Central	Bristol Bay Area	4,810	1,385	17,005	0.00	1.5	0.4	6.0
AYK	Kuskokwim Area	0	0	97	0.57	0.0	0.0	0.0
Total		35,672						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the fishery.
Note: Harvest rate is the fishery harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
[a] Adjusted median. Adjustment values vary by fishery (see Appendix E) for values.

Table 147.–Meshik subregional reporting group, 2006, all strata. Reporting group-specific harvest and harvest rate estimates by fishery. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

		Harvest				Harvest Rate (%)		
			90% CI				90% CI	
Region	Fishery	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Westward	Chignik Area	209	0	825	0.06	0.1	0.0	0.3
	SEDM	0	0	701	0.61	0.0	0.0	0.2
	S. AK Pen June	1,077	241	4,448	0.00	0.3	0.1	1.5
	S. AK Pen post-June	591	0	4,147	0.08	0.2	0.0	1.3
	N. AK Pen	38,920	19,219	61,513	0.00	10.5	4.0	23.2
Central	Bristol Bay Area	6,484	15	23,224	0.02	1.7	0.0	7.4
AYK	Kuskokwim Area	0	0	71	0.67	0.0	0.0	0.0
Total		47,530						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the fishery.
Note: Harvest rate is the fishery harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
[a] Adjusted median. Adjustment values vary by fishery (see Appendix E) for values.

Table 148.–Meshik subregional reporting group, 2007, all strata. Reporting group-specific harvest and harvest rate estimates by fishery. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

		Harvest				Harvest Rate (%)		
			90% CI				90% CI	
Region	Fishery	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Westward	Chignik Area	1,285	0	2,930	0.08	0.5	0.0	1.5
	SEDM	0	0	15	0.84	0.0	0.0	0.0
	S. AK Pen June	5,773	191	15,745	0.02	2.5	0.1	7.6
	S. AK Pen post-June	900	0	2,841	0.12	0.4	0.0	1.4
	N. AK Pen	75,440	52,279	100,766	0.00	33.9	18.3	53.3
Central	Bristol Bay Area	2,672	0	31,696	0.07	1.2	0.0	13.5
AYK	Kuskokwim Area	0	0	96	0.64	0.0	0.0	0.0
Total		86,380						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the fishery.
Note: Harvest rate is the fishery harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
[a] Adjusted median. Adjustment values vary by fishery (see Appendix E) for values.

Table 149.–Meshik subregional reporting group, 2008, all strata. Reporting group-specific harvest and harvest rate estimates by fishery. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

		Harvest				Harvest Rate (%)		
			90% CI				90% CI	
Region	Fishery	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Westward	Chignik Area	1	0	326	0.46	0.0	0.0	0.1
	SEDM	762	0	1,983	0.17	0.2	0.0	0.6
	S. AK Pen June	9,586	4,073	17,831	0.00	2.8	1.0	5.9
	S. AK Pen post-June	3	0	1,458	0.44	0.0	0.0	0.4
	N. AK Pen	130,865	114,129	149,176	0.00	39.3	22.6	57.9
Central	Bristol Bay Area	361	0	13,039	0.10	0.1	0.0	3.8
AYK	Kuskokwim Area	0	0	66	0.63	0.0	0.0	0.0
Total		142,194						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the fishery.
Note: Harvest rate is the fishery harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
[a] Adjusted median. Adjustment values vary by fishery (see Appendix E) for values.

Table 150.–Ilnik subregional reporting group, 2006, all strata. Reporting group-specific harvest and harvest rate estimates by fishery. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

		Harvest				Harvest Rate (%)		
			90% CI				90% CI	
Region	Fishery	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Westward	Chignik Area	1	0	305	0.44	0.0	0.0	0.1
	SEDM	0	0	79	0.74	0.0	0.0	0.0
	S. AK Pen June	3,222	1,394	5,877	0.00	1.4	0.6	2.6
	S. AK Pen post-June	0	0	421	0.53	0.0	0.0	0.2
	N. AK Pen	107,530	89,289	127,811	0.00	47.4	38.2	56.9
Central	Bristol Bay Area	5,429	4	16,444	0.03	2.4	0.0	7.1
AYK	Kuskokwim Area	0	0	89	0.66	0.0	0.0	0.0
Total		116,836						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the fishery.
Note: Harvest rate is the fishery harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
[a] Adjusted median. Adjustment values vary by fishery (see Appendix E) for values.

Table 151.–Ilnik subregional reporting group, 2007, all strata. Reporting group-specific harvest and harvest rate estimates by fishery. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

		Harvest				Harvest Rate (%)		
			90% CI				90% CI	
Region	Fishery	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Westward	Chignik Area	1	0	493	0.46	0.0	0.0	0.2
	SEDM	0	0	1,014	0.75	0.0	0.0	0.4
	S. AK Pen June	2,769	781	10,742	0.00	1.1	0.3	4.1
	S. AK Pen post-June	207	59	1,490	0.01	0.1	0.0	0.6
	N. AK Pen	133,931	116,363	154,632	0.00	51.8	42.5	61.2
Central	Bristol Bay Area	2,523	14	20,380	0.02	1.0	0.0	7.5
AYK	Kuskokwim Area	0	0	165	0.60	0.0	0.0	0.1
Total		139,902						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the fishery.
Note: Harvest rate is the fishery harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
[a] Adjusted median. Adjustment values vary by fishery (see Appendix E) for values.

Table 152.–Ilnik subregional reporting group, 2008, all strata. Reporting group-specific harvest and harvest rate estimates by fishery. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

		Harvest				Harvest Rate (%)		
			90% CI				90% CI	
Region	Fishery	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Westward	Chignik Area	934	18	1,754	0.03	1.0	0.0	2.5
	SEDM	882	0	2,092	0.16	1.0	0.0	2.8
	S. AK Pen June	997	2	6,050	0.01	1.1	0.0	7.2
	S. AK Pen post-June	0	0	604	0.51	0.0	0.0	0.7
	N. AK Pen	12,630	8,148	24,186	0.00	15.4	7.3	30.4
Central	Bristol Bay Area	273	0	7,673	0.11	0.3	0.0	8.7
AYK	Kuskokwim Area	0	0	80	0.65	0.0	0.0	0.1
Total		15,783						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the fishery.
Note: Harvest rate is the fishery harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
[a] Adjusted median. Adjustment values vary by fishery (see Appendix E) for values.

Table 153.–Sandy subregional reporting group, 2006, all strata. Reporting group-specific harvest and harvest rate estimates by fishery. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

		Harvest				Harvest Rate (%)		
			90% CI				90% CI	
Region	Fishery	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Westward	Chignik Area	3	0	177	0.40	0.0	0.0	0.2
	SEDM	9	0	436	0.41	0.0	0.0	0.4
	S. AK Pen June	715	127	2,880	0.00	0.6	0.1	2.5
	S. AK Pen post-June	2	0	980	0.45	0.0	0.0	0.8
	N. AK Pen	59,867	47,702	73,698	0.00	51.6	42.3	60.9
Central	Bristol Bay Area	6,630	7	19,255	0.03	5.7	0.0	15.2
AYK	Kuskokwim Area	0	0	30	0.75	0.0	0.0	0.0
Total		67,590						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the fishery.
Note: Harvest rate is the fishery harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
[a] Adjusted median. Adjustment values vary by fishery (see Appendix E) for values.

Table 154.–Sandy subregional reporting group, 2007, all strata. Reporting group-specific harvest and harvest rate estimates by fishery. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

		Harvest				Harvest Rate (%)		
			90% CI				90% CI	
Region	Fishery	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Westward	Chignik Area	1	0	239	0.47	0.0	0.0	0.3
	SEDM	0	0	911	0.60	0.0	0.0	1.0
	S. AK Pen June	1,307	71	5,452	0.02	1.5	0.1	6.0
	S. AK Pen post-June	1	0	950	0.50	0.0	0.0	1.1
	N. AK Pen	39,202	28,905	52,151	0.00	44.9	36.9	52.5
Central	Bristol Bay Area	205	0	7,115	0.13	0.2	0.0	7.7
AYK	Kuskokwim Area	0	0	45	0.73	0.0	0.0	0.1
Total		40,856						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the fishery.
Note: Harvest rate is the fishery harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
[a] Adjusted median. Adjustment values vary by fishery (see Appendix E) for values.

Table 155.–Sandy subregional reporting group, 2008, all strata. Reporting group-specific harvest and harvest rate estimates by fishery. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

		Harvest				Harvest Rate (%)		
			90% CI				90% CI	
Region	Fishery	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Westward	Chignik Area	7	0	338	0.37	0.0	0.0	0.8
	SEDM	0	0	142	0.65	0.0	0.0	0.3
	S. AK Pen June	4,683	1,164	10,020	0.00	11.0	2.9	21.5
	S. AK Pen post-June	0	0	229	0.62	0.0	0.0	0.5
	N. AK Pen	1,757	326	4,970	0.01	4.1	0.8	11.2
Central	Bristol Bay Area	1,652	1	14,563	0.04	4.0	0.0	27.2
AYK	Kuskokwim Area	0	0	21	0.75	0.0	0.0	0.0
Total		8,144						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the fishery.
Note: Harvest rate is the fishery harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
[a] Adjusted median. Adjustment values vary by fishery (see Appendix E) for values.

Table 156.–Bear subregional reporting group, 2006, all strata. Reporting group-specific harvest and harvest rate estimates by fishery. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

		Harvest				Harvest Rate (%)		
			90% CI				90% CI	
Region	Fishery	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Westward	Chignik Area	2	0	365	0.42	0.0	0.0	0.0
	SEDM	0	0	95	0.74	0.0	0.0	0.0
	S. AK Pen June	7,171	3,319	12,156	0.00	0.6	0.3	1.0
	S. AK Pen post-June	15,005	12,067	18,414	0.00	1.2	1.0	1.5
	N. AK Pen	789,678	756,777	824,155	0.00	62.8	60.1	65.4
Central	Bristol Bay Area	147	0	4,646	0.11	0.0	0.0	0.4
AYK	Kuskokwim Area	0	0	47	0.74	0.0	0.0	0.0
Total		816,723						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the fishery.
Note: Harvest rate is the fishery harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
[a] Adjusted median. Adjustment values vary by fishery (see Appendix E) for values.

Table 157.–Bear subregional reporting group, 2007, all strata. Reporting group-specific harvest and harvest rate estimates by fishery. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

		Harvest				Harvest Rate (%)		
			90% CI				90% CI	
Region	Fishery	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Westward	Chignik Area	885	358	1,751	0.00	0.1	0.0	0.1
	SEDM	0	0	802	0.70	0.0	0.0	0.0
	S. AK Pen June	5,677	3,107	9,955	0.00	0.3	0.2	0.6
	S. AK Pen post-June	19,409	14,921	24,644	0.00	1.2	0.9	1.5
	N. AK Pen	1,184,102	1,136,420	1,234,472	0.00	71.9	69.7	74.0
Central	Bristol Bay Area	1,915	0	24,189	0.07	0.1	0.0	1.5
AYK	Kuskokwim Area	0	0	249	0.51	0.0	0.0	0.0
Total		1,216,097						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the fishery.
Note: Harvest rate is the fishery harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
[a] Adjusted median. Adjustment values vary by fishery (see Appendix E) for values.

Table 158.–Bear subregional reporting group, 2008, all strata. Reporting group-specific harvest and harvest rate estimates by fishery. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

		Harvest				Harvest Rate (%)		
			90% CI				90% CI	
Region	Fishery	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Westward	Chignik Area	3,908	2,950	5,048	0.00	0.4	0.3	0.5
	SEDM	2,313	1,376	3,558	0.00	0.2	0.1	0.3
	S. AK Pen June	24,975	14,358	37,778	0.00	2.3	1.3	3.4
	S. AK Pen post-June	21,985	18,507	25,898	0.00	2.0	1.7	2.4
	N. AK Pen	716,076	679,924	755,314	0.00	65.6	62.6	68.5
Central	Bristol Bay Area	176	0	5,811	0.12	0.0	0.0	0.5
AYK	Kuskokwim Area	0	0	21	0.75	0.0	0.0	0.0
Total		772,768						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the fishery.
Note: Harvest rate is the fishery harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
[a] Adjusted median. Adjustment values vary by fishery (see Appendix E) for values.

Table 159.–Nelson subregional reporting group, 2006, all strata. Reporting group-specific harvest and harvest rate estimates by fishery. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

		Harvest				Harvest Rate (%)		
			90% CI				90% CI	
Region	Fishery	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Westward	Chignik Area	74	5	337	0.01	0.0	0.0	0.1
	SEDM	0	0	251	0.68	0.0	0.0	0.0
	S. AK Pen June	165	14	812	0.00	0.0	0.0	0.1
	S. AK Pen post-June	28	0	152	0.15	0.0	0.0	0.0
	N. AK Pen	82,002	69,386	96,077	0.00	13.9	11.7	16.2
Central	Bristol Bay Area	2,538	0	19,897	0.05	0.4	0.0	3.3
AYK	Kuskokwim Area	0	0	21	0.78	0.0	0.0	0.0
Total		85,290						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the fishery.
Note: Harvest rate is the fishery harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
[a] Adjusted median. Adjustment values vary by fishery (see Appendix E) for values.

Table 160.–Nelson subregional reporting group, 2007, all strata. Reporting group-specific harvest and harvest rate estimates by fishery. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

		Harvest				Harvest Rate (%)		
			90% CI				90% CI	
Region	Fishery	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Westward	Chignik Area	0	0	194	0.53	0.0	0.0	0.0
	SEDM	0	0	268	0.81	0.0	0.0	0.0
	S. AK Pen June	2,005	361	5,682	0.00	0.3	0.1	0.9
	S. AK Pen post-June	408	33	1,487	0.01	0.1	0.0	0.2
	N. AK Pen	84,794	71,527	99,899	0.00	13.4	11.4	15.7
Central	Bristol Bay Area	129	0	4,685	0.14	0.0	0.0	0.7
AYK	Kuskokwim Area	0	0	22	0.77	0.0	0.0	0.0
Total		87,635						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the fishery.
Note: Harvest rate is the fishery harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
[a] Adjusted median. Adjustment values vary by fishery (see Appendix E) for values.

Table 161.–Nelson subregional reporting group, 2008, all strata. Reporting group-specific harvest and harvest rate estimates by fishery. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

		Harvest				Harvest Rate (%)		
			90% CI				90% CI	
Region	Fishery	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Westward	Chignik Area	250	34	737	0.01	0.1	0.0	0.2
	SEDM	0	0	19	0.80	0.0	0.0	0.0
	S. AK Pen June	3,813	1,957	8,153	0.00	0.9	0.4	1.9
	S. AK Pen post-June	219	19	711	0.02	0.1	0.0	0.2
	N. AK Pen	15,108	11,010	20,183	0.00	3.5	2.3	5.0
Central	Bristol Bay Area	174	0	8,018	0.12	0.0	0.0	1.8
AYK	Kuskokwim Area	0	0	14	0.77	0.0	0.0	0.0
Total		19,658						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the fishery.
Note: Harvest rate is the fishery harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
[a] Adjusted median. Adjustment values vary by fishery (see Appendix E) for values.

Table 162.–Northwestern District-Black Hills subregional reporting group, 2006, all strata. Reporting group-specific harvest and harvest rate estimates by fishery. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero (P = 0) are reported.

		Harvest				Harvest Rate (%)		
			90% CI				90% CI	
Region	Fishery	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Westward	Chignik Area	0	0	155	0.53	0.0	0.0	0.1
	SEDM	0	0	72	0.67	0.0	0.0	0.0
	S. AK Pen June	65	0	898	0.23	0.0	0.0	0.3
	S. AK Pen post-June	741	100	2,021	0.00	0.2	0.0	0.8
	N. AK Pen	1,783	361	5,201	0.00	0.5	0.1	1.9
Central	Bristol Bay Area	446	0	6,276	0.07	0.1	0.0	2.1
AYK	Kuskokwim Area	0	0	59	0.74	0.0	0.0	0.0
Total		3,049						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the fishery.
Note: Harvest rate is the fishery harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
[a] Adjusted median. Adjustment values vary by fishery (see Appendix E) for values.

Table 163.–Northwestern District-Black Hills subregional reporting group, 2007, all strata. Reporting group-specific harvest and harvest rate estimates by fishery. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero (P = 0) are reported.

		Harvest				Harvest Rate (%)		
			90% CI				90% CI	
Region	Fishery	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Westward	Chignik Area	0	0	223	0.51	0.0	0.0	0.1
	SEDM	0	0	527	0.73	0.0	0.0	0.2
	S. AK Pen June	8	0	609	0.36	0.0	0.0	0.2
	S. AK Pen post-June	375	5	1,567	0.04	0.1	0.0	0.6
	N. AK Pen	6,733	4,049	10,558	0.00	2.1	0.9	4.4
Central	Bristol Bay Area	165	0	5,420	0.13	0.1	0.0	1.7
AYK	Kuskokwim Area	0	0	36	0.75	0.0	0.0	0.0
Total		7,306						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the fishery.
Note: Harvest rate is the fishery harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
[a] Adjusted median. Adjustment values vary by fishery (see Appendix E) for values.

Table 164.–Northwestern District-Black Hills subregional reporting group, 2008, all strata. Reporting group-specific harvest and harvest rate estimates by fishery. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero (P = 0) are reported.

		Harvest				Harvest Rate (%)		
			90% CI				90% CI	
Region	Fishery	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Westward	Chignik Area	171	21	544	0.01	0.0	0.0	0.1
	SEDM	0	0	124	0.66	0.0	0.0	0.0
	S. AK Pen June	5,703	3,364	9,890	0.00	1.0	0.4	2.4
	S. AK Pen post-June	788	104	2,396	0.00	0.1	0.0	0.5
	N. AK Pen	3	0	1,001	0.44	0.0	0.0	0.2
Central	Bristol Bay Area	361	0	8,288	0.10	0.1	0.0	1.6
AYK	Kuskokwim Area	0	0	22	0.75	0.0	0.0	0.0
Total		7,076						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the fishery.
Note: Harvest rate is the fishery harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
[a] Adjusted median. Adjustment values vary by fishery (see Appendix E) for values.

Table 165.–South Peninsula subregional reporting group, 2006, all strata. Reporting group-specific harvest and harvest rate estimates by fishery. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

		Harvest				Harvest Rate (%)		
			90% CI				90% CI	
Region	Fishery	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Westward	Chignik Area	1	0	327	0.45	0.0	0.0	0.2
	SEDM	627	349	1,375	0.00	0.4	0.2	1.1
	S. AK Pen June	3,073	1,636	5,507	0.00	2.0	0.8	4.9
	S. AK Pen post-June	3,879	2,489	5,889	0.00	2.5	1.1	5.6
	N. AK Pen	44	0	1,725	0.30	0.0	0.0	1.2
Central	Bristol Bay Area	401	0	12,481	0.08	0.3	0.0	8.3
AYK	Kuskokwim Area	0	0	43	0.75	0.0	0.0	0.0
Total		8,071						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the fishery.
Note: Harvest rate is the fishery harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
[a] Adjusted median. Adjustment values vary by fishery (see Appendix E) for values.

Table 166.–South Peninsula subregional reporting group, 2007, all strata. Reporting group-specific harvest and harvest rate estimates by fishery. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

		Harvest				Harvest Rate (%)		
			90% CI				90% CI	
Region	Fishery	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Westward	Chignik Area	173	0	1,169	0.18	0.1	0.0	0.9
	SEDM	9	6	69	0.00	0.0	0.0	0.0
	S. AK Pen June	928	206	3,579	0.00	0.6	0.1	2.7
	S. AK Pen post-June	2,730	1,466	5,010	0.00	1.8	0.7	4.4
	N. AK Pen	1,527	0	5,243	0.15	0.9	0.0	4.3
Central	Bristol Bay Area	287	0	8,721	0.12	0.2	0.0	5.8
AYK	Kuskokwim Area	0	0	47	0.74	0.0	0.0	0.0
Total		5,687						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the fishery.
Note: Harvest rate is the fishery harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
[a] Adjusted median. Adjustment values vary by fishery (see Appendix E) for values.

Table 167.–South Peninsula subregional reporting group, 2008, all strata. Reporting group-specific harvest and harvest rate estimates by fishery. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

		Harvest				Harvest Rate (%)		
			90% CI				90% CI	
Region	Fishery	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Westward	Chignik Area	9,946	8,430	11,628	0.00	4.6	2.3	8.1
	SEDM	13,917	12,361	15,624	0.00	6.4	3.3	11.2
	S. AK Pen June	5,456	2,081	10,804	0.00	2.4	0.8	5.9
	S. AK Pen post-June	13,492	10,716	16,902	0.00	6.2	3.1	11.1
	N. AK Pen	0	0	563	0.52	0.0	0.0	0.3
Central	Bristol Bay Area	2,092	24	15,346	0.02	0.9	0.0	7.1
AYK	Kuskokwim Area	0	0	103	0.70	0.0	0.0	0.0
Total		45,176						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the fishery.
Note: Harvest rate is the fishery harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
[a] Adjusted median. Adjustment values vary by fishery (see Appendix E) for values.

Table 168.–Black Lake subregional reporting group, 2006, all strata. Reporting group-specific harvest and harvest rate estimates by fishery. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

		Harvest				Harvest Rate (%)		
			90% CI				90% CI	
Region	Fishery	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Westward	Chignik Area	534,498	513,103	556,521	0.00	39.7	38.4	41.1
	SEDM	32,453	27,047	38,387	0.00	2.4	2.0	2.8
	S. AK Pen June	300,225	284,563	316,492	0.00	22.3	21.2	23.4
	S. AK Pen post-June	106,985	93,274	121,891	0.00	8.0	7.0	9.0
	N. AK Pen	67	0	2,977	0.29	0.0	0.0	0.2
Central	Bristol Bay Area	134	0	4,002	0.11	0.0	0.0	0.3
AYK	Kuskokwim Area	0	0	26	0.77	0.0	0.0	0.0
Total		978,040						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the fishery.
Note: Harvest rate is the fishery harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
[a] Adjusted median. Adjustment values vary by fishery (see Appendix E) for values.

Table 169.–Black Lake subregional reporting group, 2007, all strata. Reporting group-specific harvest and harvest rate estimates by fishery. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

		Harvest				Harvest Rate (%)		
			90% CI				90% CI	
Region	Fishery	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Westward	Chignik Area	235,028	222,554	247,905	0.00	34.8	33.0	36.7
	SEDM	361	2	2,291	0.02	0.1	0.0	0.3
	S. AK Pen June	46,105	37,749	56,220	0.00	6.8	5.6	8.2
	S. AK Pen post-June	26,266	19,166	34,437	0.00	3.9	2.9	5.1
	N. AK Pen	5	0	982	0.39	0.0	0.0	0.1
Central	Bristol Bay Area	102	0	4,365	0.15	0.0	0.0	0.6
AYK	Kuskokwim Area	0	0	39	0.74	0.0	0.0	0.0
Total		308,893						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the fishery.
Note: Harvest rate is the fishery harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
[a] Adjusted median. Adjustment values vary by fishery (see Appendix E) for values.

Table 170.–Black Lake subregional reporting group, 2008, all strata. Reporting group-specific harvest and harvest rate estimates by fishery. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

		Harvest				Harvest Rate (%)		
			90% CI				90% CI	
Region	Fishery	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Westward	Chignik Area	253,622	239,658	268,302	0.00	35.7	33.9	37.7
	SEDM	10,631	9,198	12,180	0.00	1.5	1.3	1.7
	S. AK Pen June	53,803	43,065	66,156	0.00	7.6	6.1	9.2
	S. AK Pen post-June	9,534	6,993	12,668	0.00	1.3	1.0	1.8
	N. AK Pen	0	0	199	0.64	0.0	0.0	0.0
Central	Bristol Bay Area	468	1	6,333	0.04	0.1	0.0	0.9
AYK	Kuskokwim Area	0	0	19	0.76	0.0	0.0	0.0
Total		329,072						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the fishery.
Note: Harvest rate is the fishery harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
[a] Adjusted median. Adjustment values vary by fishery (see Appendix E) for values.

Table 171.–Chignik Lake subregional reporting group, 2006, all strata. Reporting group-specific harvest and harvest rate estimates by fishery. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

		Harvest				Harvest Rate (%)		
			90% CI				90% CI	
Region	Fishery	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Westward	Chignik Area	334,390	316,073	353,699	0.00	35.0	33.2	36.9
	SEDM	98,621	90,377	107,289	0.00	10.3	9.4	11.3
	S. AK Pen June	4,338	837	10,732	0.01	0.5	0.1	1.1
	S. AK Pen post-June	143,545	129,095	158,902	0.00	15.0	13.6	16.5
	N. AK Pen	669	29	2,895	0.02	0.1	0.0	0.3
Central	Bristol Bay Area	177	0	4,610	0.10	0.0	0.0	0.5
AYK	Kuskokwim Area	0	0	27	0.77	0.0	0.0	0.0
Total		583,837						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the fishery.
Note: Harvest rate is the fishery harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
[a] Adjusted median. Adjustment values vary by fishery (see Appendix E) for values.

Table 172.–Chignik Lake subregional reporting group, 2007, all strata. Reporting group-specific harvest and harvest rate estimates by fishery. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

		Harvest				Harvest Rate (%)		
			90% CI				90% CI	
Region	Fishery	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Westward	Chignik Area	508,836	489,907	528,390	0.00	52.5	50.8	54.2
	SEDM	53,306	48,013	58,932	0.00	5.5	5.0	6.1
	S. AK Pen June	9,962	5,110	16,592	0.00	1.0	0.5	1.7
	S. AK Pen post-June	96,724	85,150	109,470	0.00	10.0	8.9	11.2
	N. AK Pen	2,007	727	4,083	0.00	0.2	0.1	0.4
Central	Bristol Bay Area	144	0	4,720	0.14	0.0	0.0	0.5
AYK	Kuskokwim Area	0	0	40	0.74	0.0	0.0	0.0
Total		673,283						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the fishery.
Note: Harvest rate is the fishery harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
[a] Adjusted median. Adjustment values vary by fishery (see Appendix E) for values.

Table 173.–Chignik Lake subregional reporting group, 2008, all strata. Reporting group-specific harvest and harvest rate estimates by fishery. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

		Harvest				Harvest Rate (%)		
			90% CI				90% CI	
Region	Fishery	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Westward	Chignik Area	372,670	354,340	391,880	0.00	43.7	41.9	45.5
	SEDM	62,705	58,126	67,607	0.00	7.4	6.8	8.0
	S. AK Pen June	2,090	679	9,941	0.00	0.2	0.1	1.2
	S. AK Pen post-June	81,783	75,475	88,351	0.00	9.6	8.8	10.4
	N. AK Pen	0	0	375	0.62	0.0	0.0	0.0
Central	Bristol Bay Area	125	0	5,748	0.14	0.0	0.0	0.7
AYK	Kuskokwim Area	0	0	19	0.76	0.0	0.0	0.0
Total		521,182						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the fishery.
Note: Harvest rate is the fishery harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
[a] Adjusted median. Adjustment values vary by fishery (see Appendix E) for values.

Table 174.–East of WASSIP subregional reporting group, 2006, all strata. Reporting group-specific harvest and harvest rate estimates by fishery. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

		Harvest				Harvest Rate (%)		
			90% CI				90% CI	
Region	Fishery	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Westward	Chignik Area	23,636	21,219	26,235	0.00	–	–	–
	SEDM	106,850	99,380	114,777	0.00	–	–	–
	S. AK Pen June	199,898	187,034	213,336	0.00	–	–	–
	S. AK Pen post-June	277,632	262,678	293,389	0.00	–	–	–
	N. AK Pen	76,110	66,006	87,488	0.00	–	–	–
Central	Bristol Bay Area	179	0	5,743	0.10	–	–	–
AYK	Kuskokwim Area	0	0	35	0.76	–	–	–
Total		688,264						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the fishery.
Note: Harvest rate is the fishery harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent. Total run for East of WASSIP was not estimated for WASSIP; therefore, no harvest rate estimates are provided.
[a] Adjusted median. Adjustment values vary by fishery (see Appendix E) for values.

Table 175.–East of WASSIP subregional reporting group, 2007, all strata. Reporting group-specific harvest and harvest rate estimates by fishery. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

		Harvest				Harvest Rate (%)		
			90% CI				90% CI	
Region	Fishery	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Westward	Chignik Area	36,249	32,309	40,451	0.00	–	–	–
	SEDM	90,589	83,856	97,674	0.00	–	–	–
	S. AK Pen June	132,442	118,748	147,752	0.00	–	–	–
	S. AK Pen post-June	246,758	230,302	263,989	0.00	–	–	–
	N. AK Pen	122,423	108,687	137,515	0.00	–	–	–
Central	Bristol Bay Area	331	21	6,171	0.01	–	–	–
AYK	Kuskokwim Area	0	0	27	0.77	–	–	–
Total		632,899						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the fishery.
Note: Harvest rate is the fishery harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent. Total run for East of WASSIP was not estimated for WASSIP; therefore, no harvest rate estimates are provided.
[a] Adjusted median. Adjustment values vary by fishery (see Appendix E) for values.

Table 176.–East of WASSIP subregional reporting group, 2008, all strata. Reporting group-specific harvest and harvest rate estimates by fishery. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

		Harvest				Harvest Rate (%)		
			90% CI				90% CI	
Region	Fishery	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Westward	Chignik Area	13,258	11,593	15,082	0.00	–	–	–
	SEDM	55,848	51,367	60,638	0.00	–	–	–
	S. AK Pen June	83,366	70,598	97,741	0.00	–	–	–
	S. AK Pen post-June	117,999	110,602	125,768	0.00	–	–	–
	N. AK Pen	3,713	1,602	7,202	0.00	–	–	–
Central	Bristol Bay Area	184	0	7,660	0.12	–	–	–
AYK	Kuskokwim Area	0	0	21	0.75	–	–	–
Total		276,403						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the fishery.
Note: Harvest rate is the fishery harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent. Total run for East of WASSIP was not estimated for WASSIP; therefore, no harvest rate estimates are provided.
[a] Adjusted median. Adjustment values vary by fishery (see Appendix E) for values.

FIGURES

Figure 1.–WASSIP study area including Alaska Department of Fish and Game salmon management areas where sockeye and chum salmon were sampled to estimate stock-specific harvests and harvest rates.

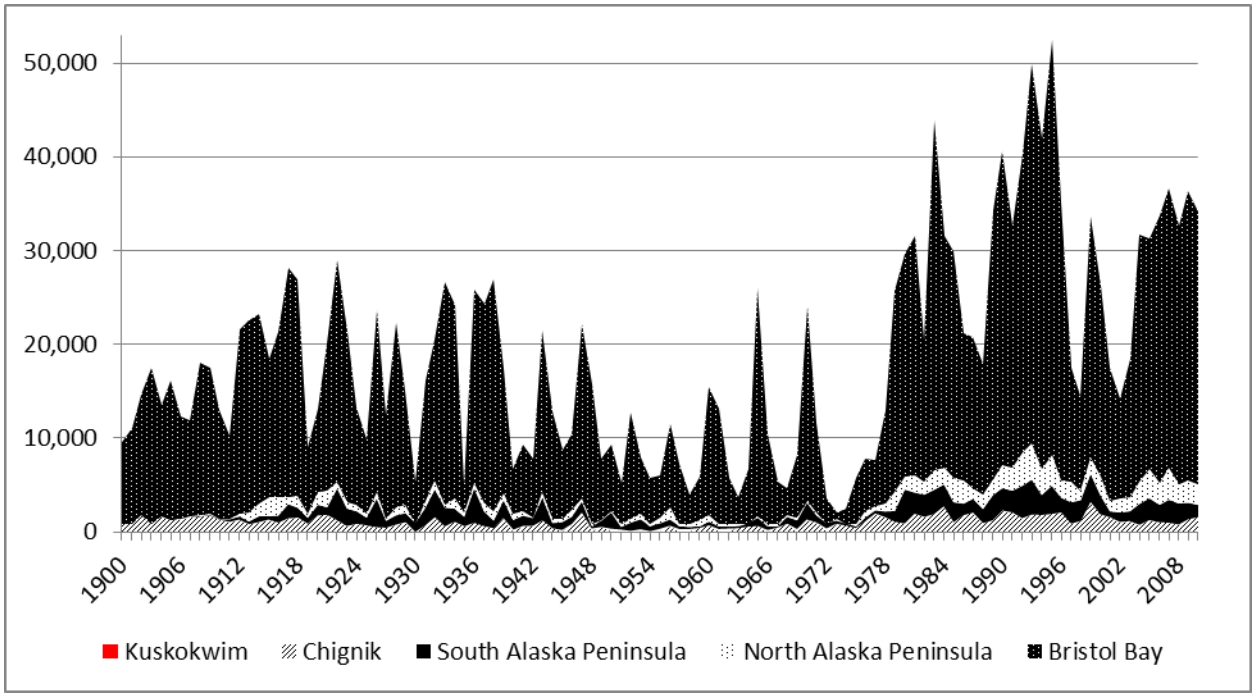

Figure 2.–Historical (1900–2010) commercial catch (in thousands of fish) of sockeye salmon in the Kuskokwim, Chignik, South Alaska Peninsula, North Alaska Peninsula and Bristol Bay areas.

FIGURES 3–27: HARVEST IN AREA-TEMPORAL STRATA BY REGIONAL AND SUBREGIONAL REPORTING GROUP ACROSS YEARS

WHAT STOCKS WERE HARVESTED IN A GIVEN FINE-SCALE FISHERY?

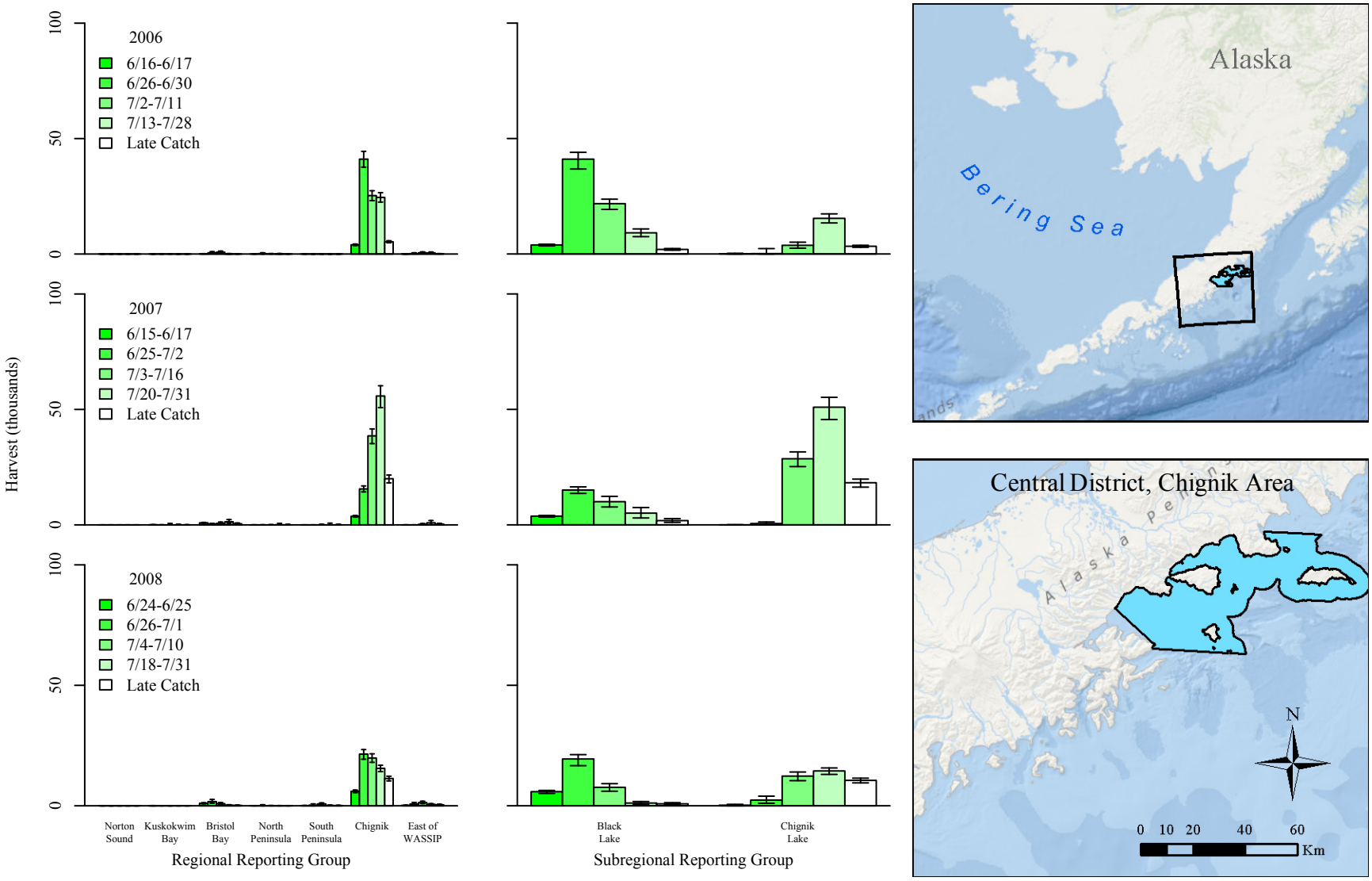

Figure 3.–Median regional and subregional (within Chignik) reporting group harvest estimates (bars) and 90% credibility intervals (whiskers) by temporal stratum within years for sockeye salmon sampled from Central District, Chignik Area, Westward Region (map) from 2006 to 2008 for the Western Alaska Salmon Stock Identification Program.

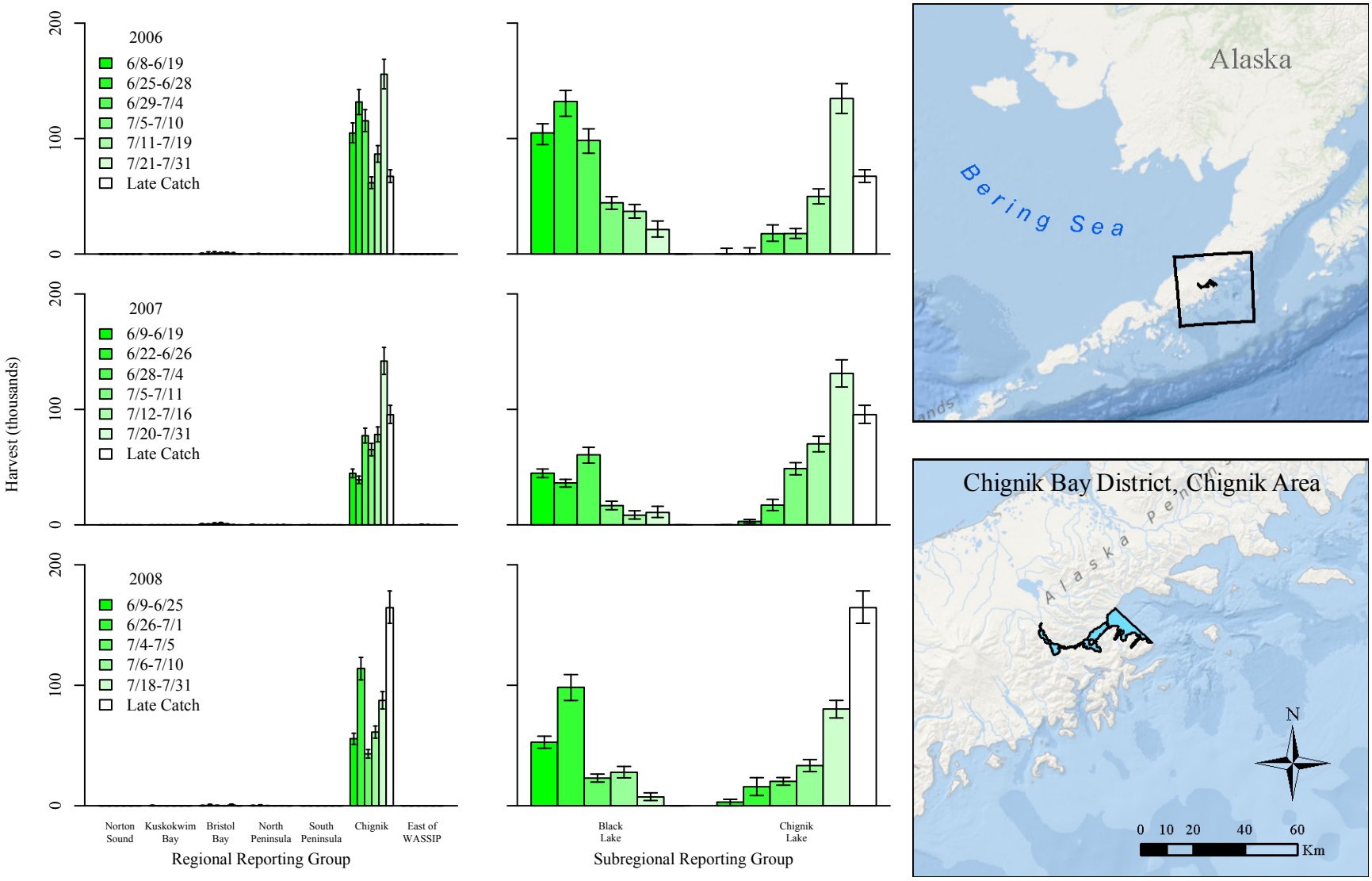

Figure 4.–Median regional and subregional (within Chignik) reporting group harvest estimates (bars) and 90% credibility intervals (whiskers) by temporal stratum within years for sockeye salmon sampled from Chignik Bay District, Chignik Area, Westward Region (map) from 2006 to 2008 for the Western Alaska Salmon Stock Identification Program.

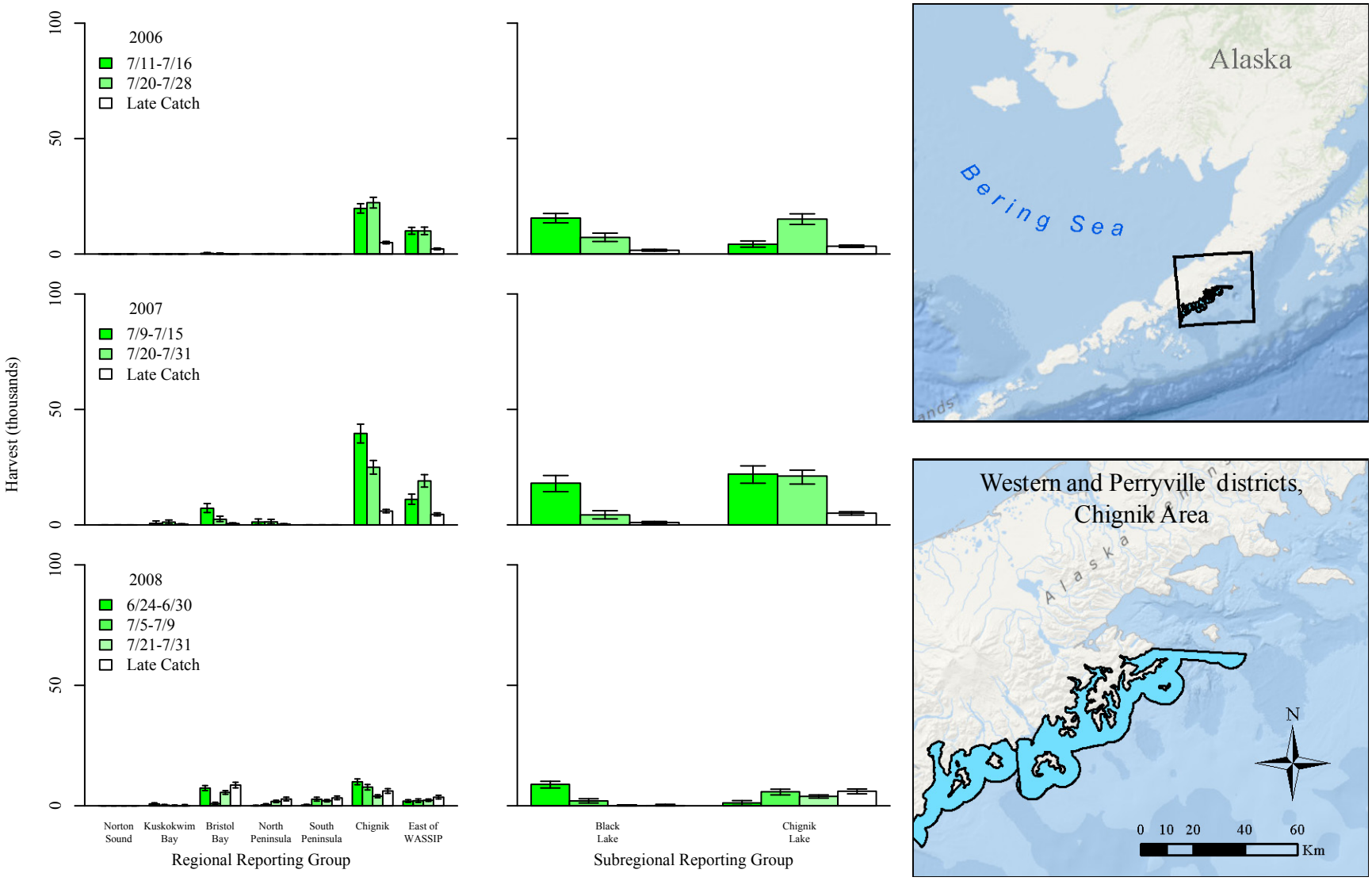

Figure 5.–Median regional and subregional (within Chignik) reporting group harvest estimates (bars) and 90% credibility intervals (whiskers) by temporal stratum within years for sockeye salmon sampled from Western and Perryville districts, Chignik Area, Westward Region (map) from 2006 to 2008 for the Western Alaska Salmon Stock Identification Program.

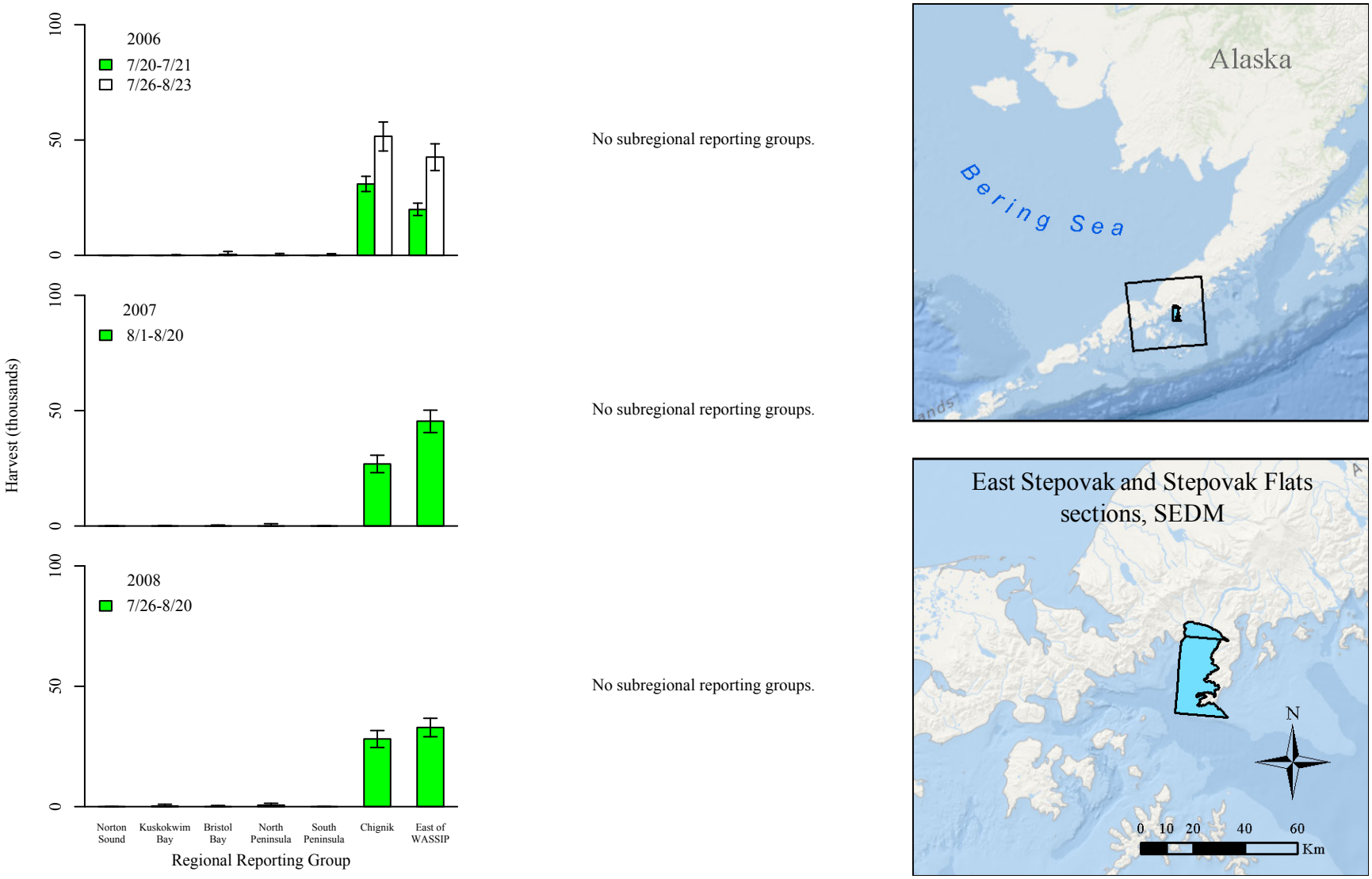

Figure 6.–Median regional reporting group harvest estimates (bars) and 90% credibility intervals (whiskers) by temporal stratum within years for sockeye salmon sampled from East Stepovak and Stepovak Flats sections, Southeastern District Mainland area, Westward Region (map) from 2006 to 2008 for the Western Alaska Salmon Stock Identification Program.

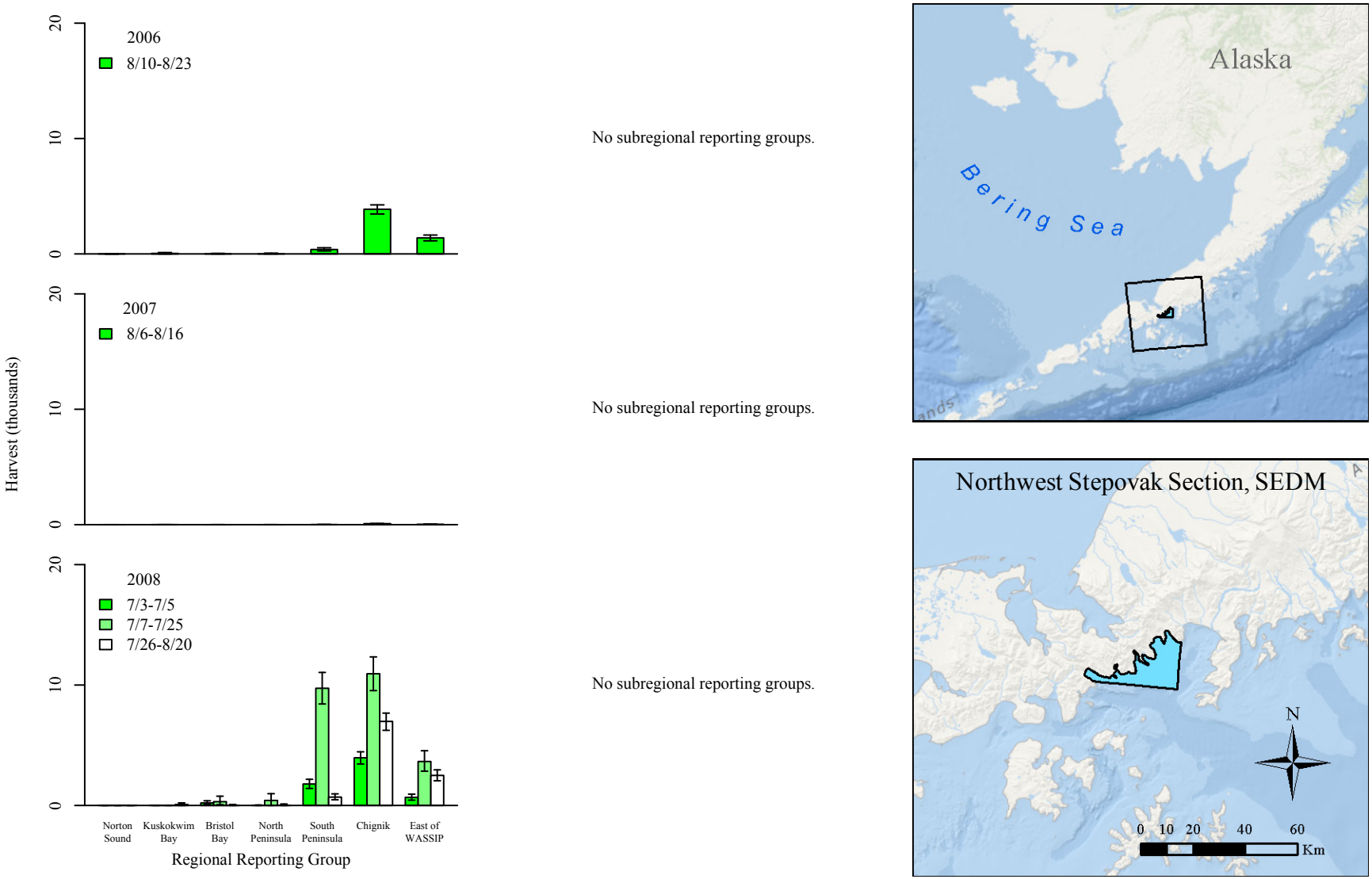

Figure 7.–Median regional reporting group harvest estimates (bars) and 90% credibility intervals (whiskers) by temporal stratum within years for sockeye salmon sampled from Northwest Stepovak Sections, Southeastern District Mainland area, Westward Region (map) from 2006 to 2008 for the Western Alaska Salmon Stock Identification Program.

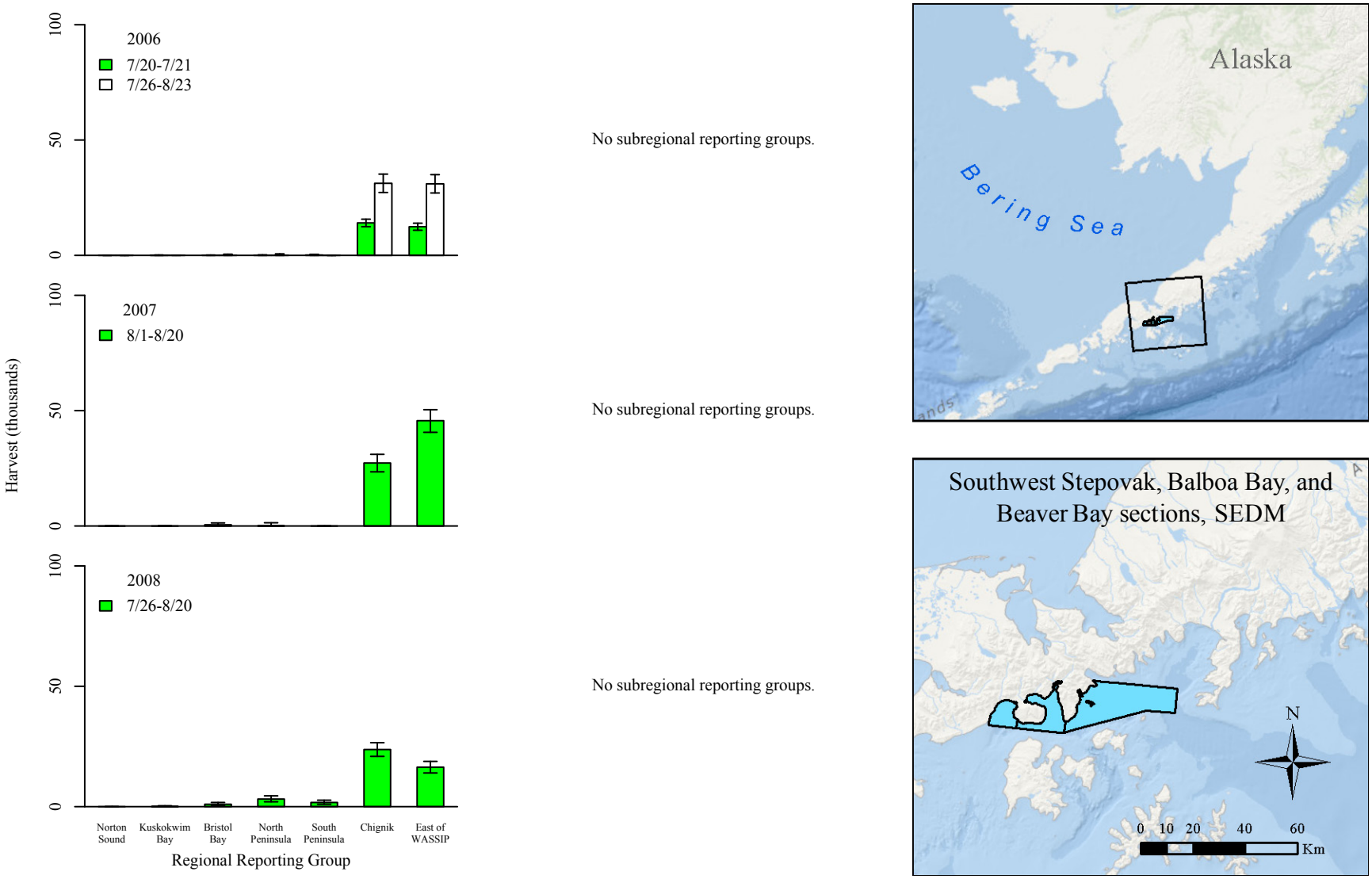

Figure 8.–Median regional reporting group harvest estimates (bars) and 90% credibility intervals (whiskers) by temporal stratum within years for sockeye salmon sampled from Southwest Stepovak, Balboa Bay, and Beaver Bay sections, Southeastern District Mainland area, Westward Region (map) from 2006 to 2008 for the Western Alaska Salmon Stock Identification Program.

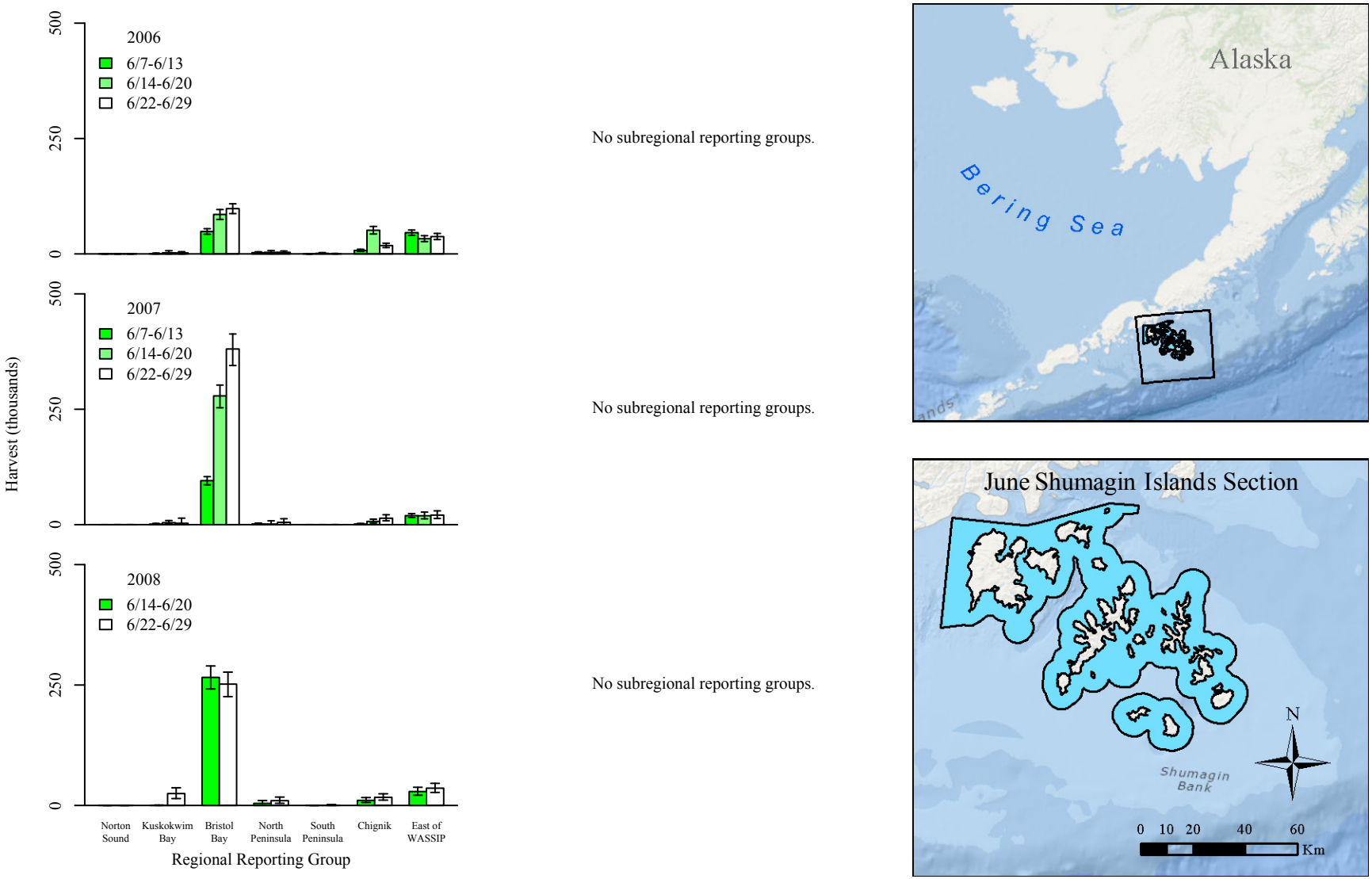

Figure 9.–Median regional reporting group harvest estimates (bars) and 90% credibility intervals (whiskers) by temporal stratum within years for sockeye salmon sampled from Shumagin Islands Section (June), Alaska Peninsula Area, Westward Region (map) from 2006 to 2008 for the Western Alaska Salmon Stock Identification Program.

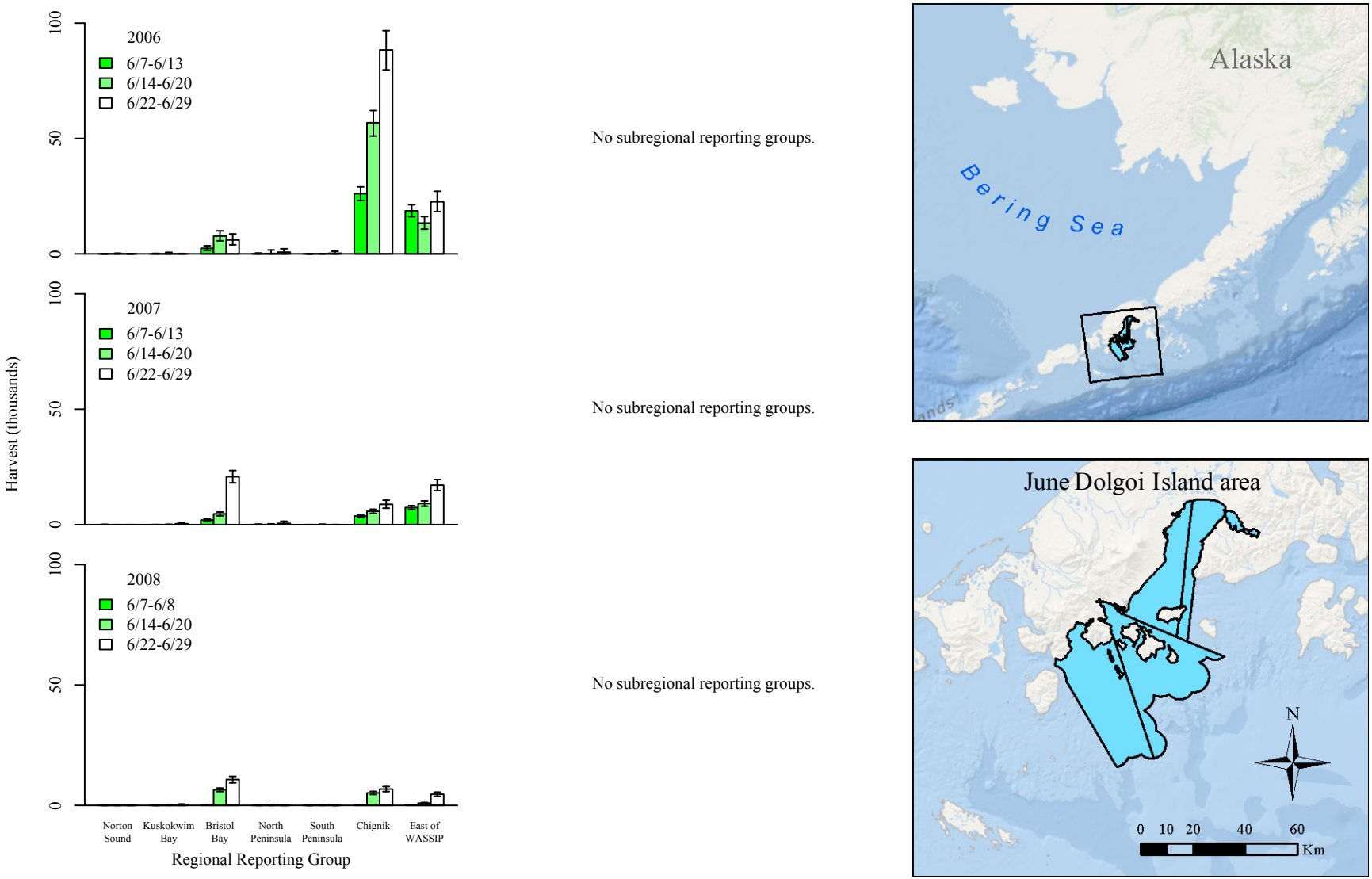

Figure 10.–Median regional reporting group harvest estimates (bars) and 90% credibility intervals (whiskers) by temporal stratum within years for sockeye salmon sampled from Dolgoi Island area (June), Alaska Peninsula Area, Westward Region (map) from 2006 to 2008 for the Western Alaska Salmon Stock Identification Program.

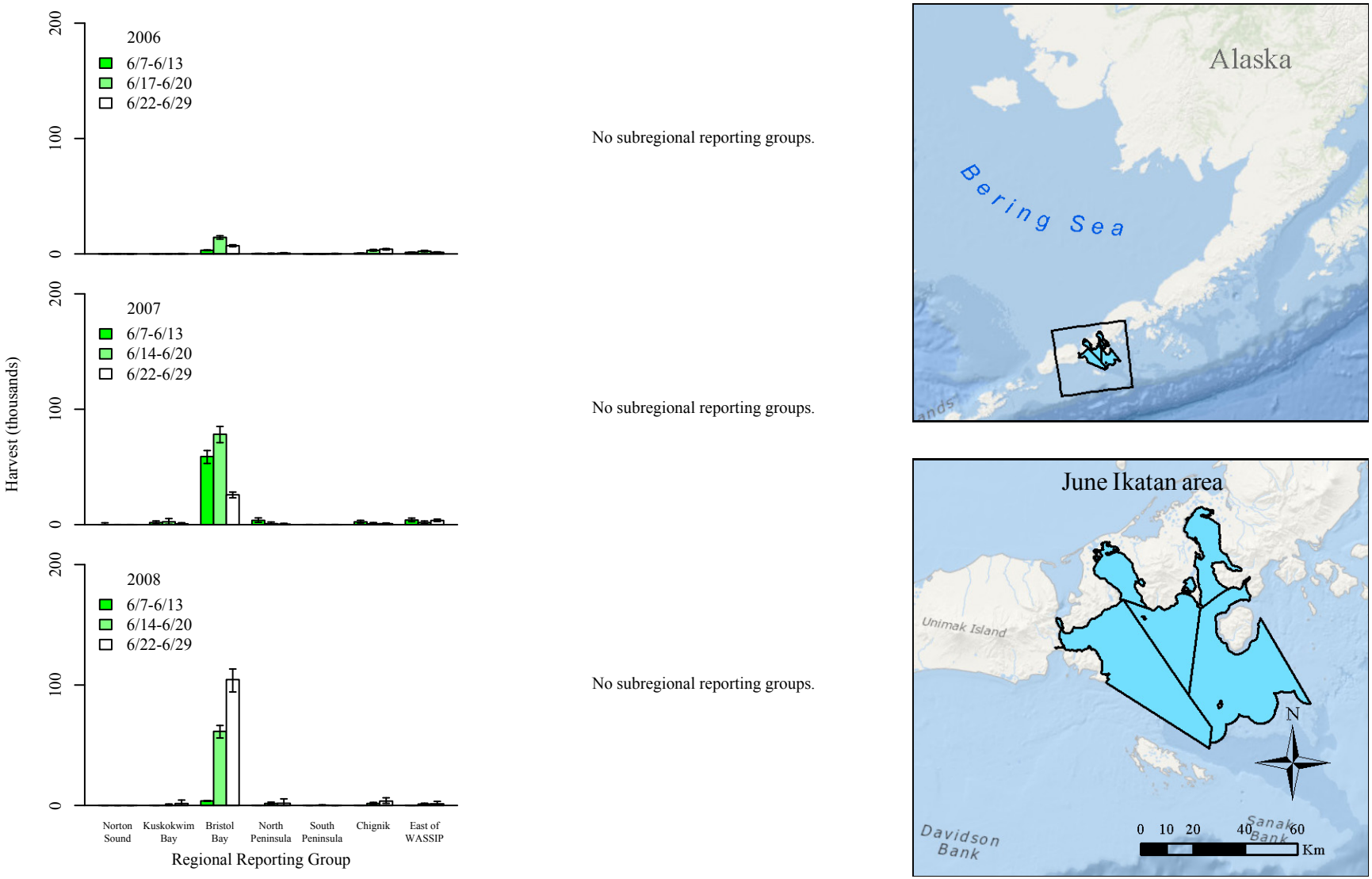

Figure 11.–Median regional reporting group harvest estimates (bars) and 90% credibility intervals (whiskers) by temporal stratum within years for sockeye salmon sampled from Ikatan Area (June), Alaska Peninsula Area, Westward Region (map) from 2006 to 2008 for the Western Alaska Salmon Stock Identification Program.

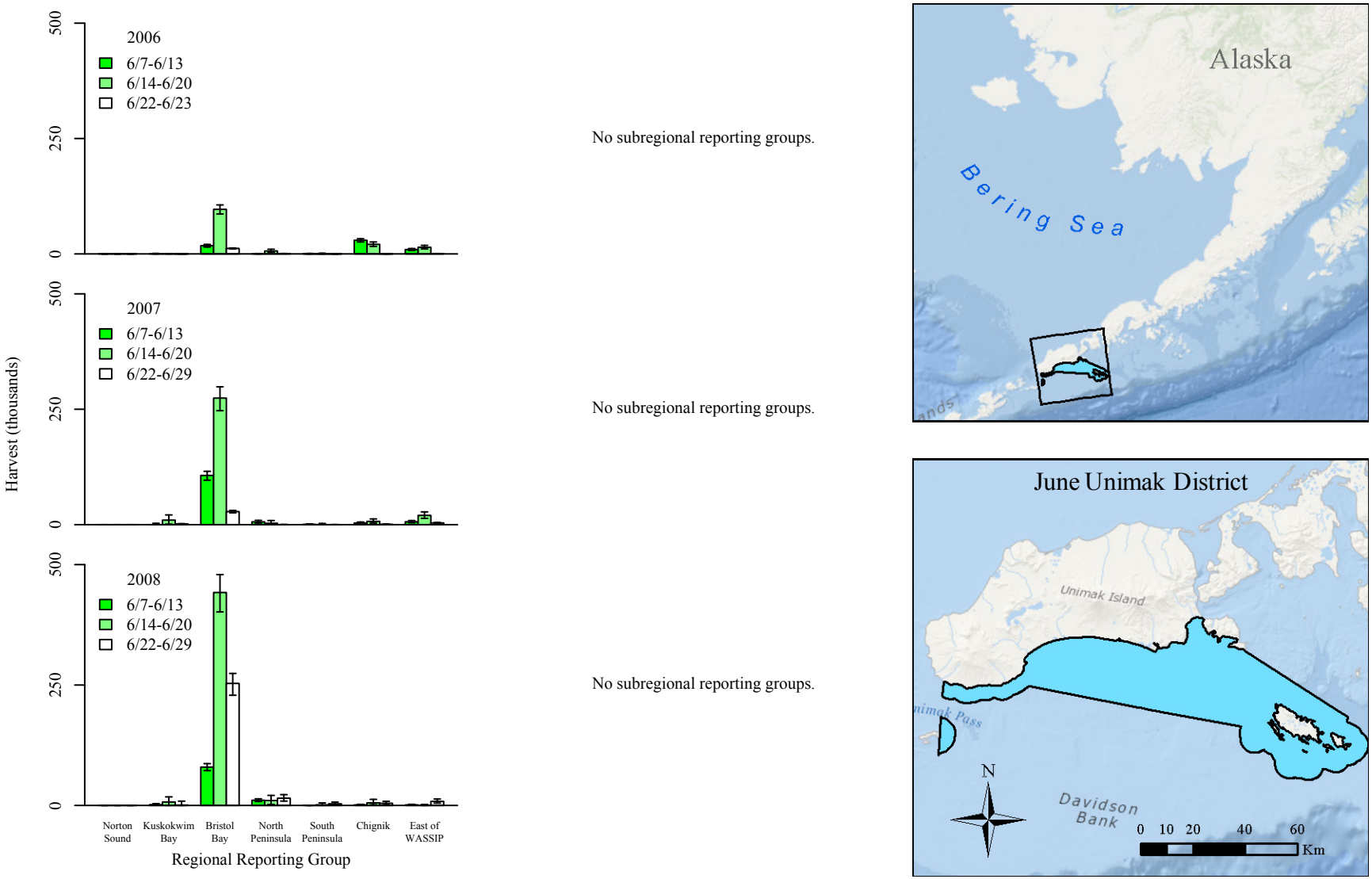

Figure 12.–Median regional reporting group harvest estimates (bars) and 90% credibility intervals (whiskers) by temporal stratum within years for sockeye salmon sampled from Unimak District (June), Alaska Peninsula Area, Westward Region (map) from 2006 to 2008 for the Western Alaska Salmon Stock Identification Program.

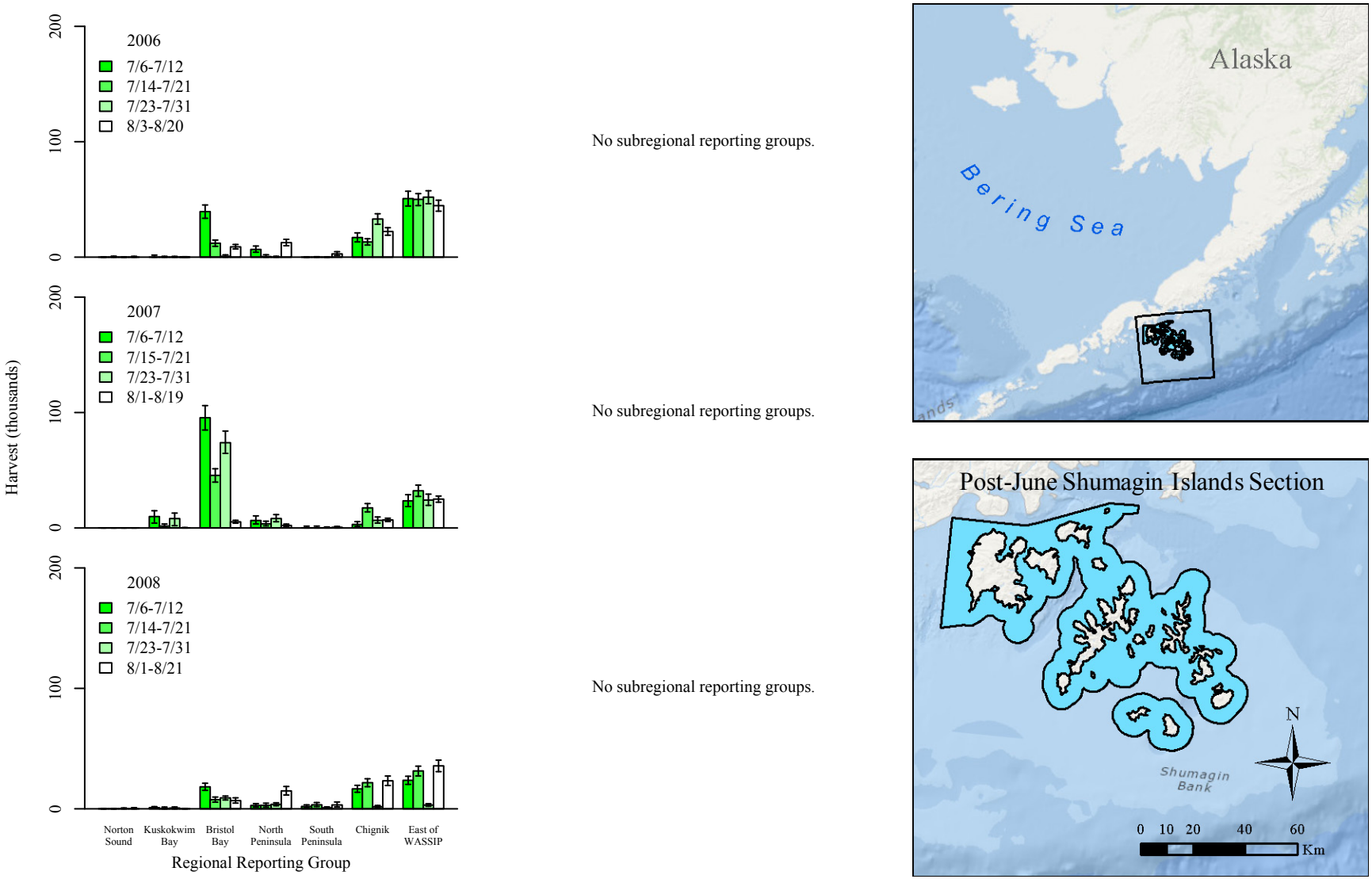

Figure 13.–Median regional reporting group harvest estimates (bars) and 90% credibility intervals (whiskers) by temporal stratum within years for sockeye salmon sampled from Shumagin Islands Section (post-June), Alaska Peninsula Area, Westward Region (map) from 2006 to 2008 for the Western Alaska Salmon Stock Identification Program.

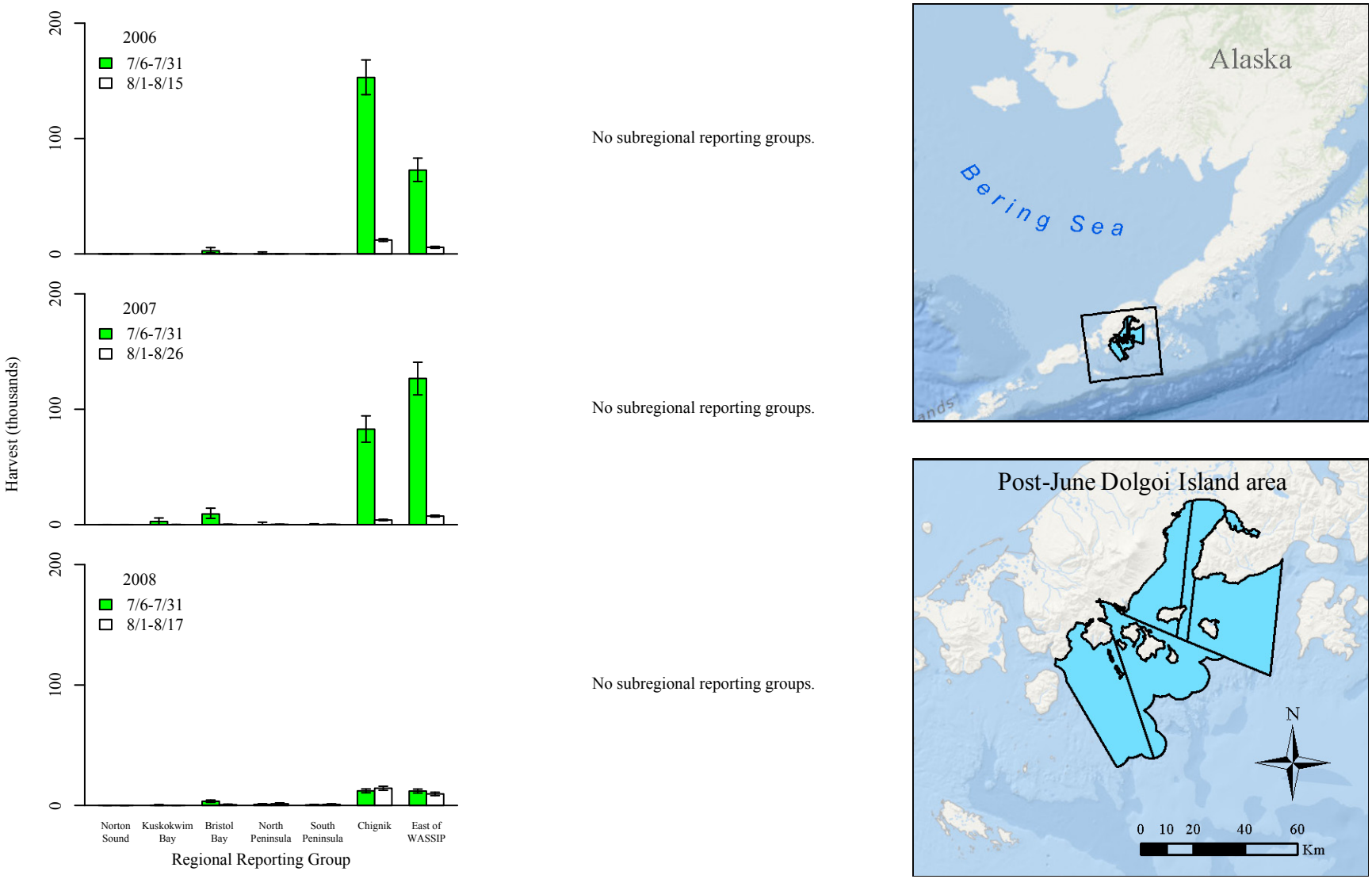

Figure 14.–Median regional reporting group harvest estimates (bars) and 90% credibility intervals (whiskers) by temporal stratum within years for sockeye salmon sampled from Dolgoi Island area (post-June), Alaska Peninsula Area, Westward Region (map) from 2006 to 2008 for the Western Alaska Salmon Stock Identification Program.

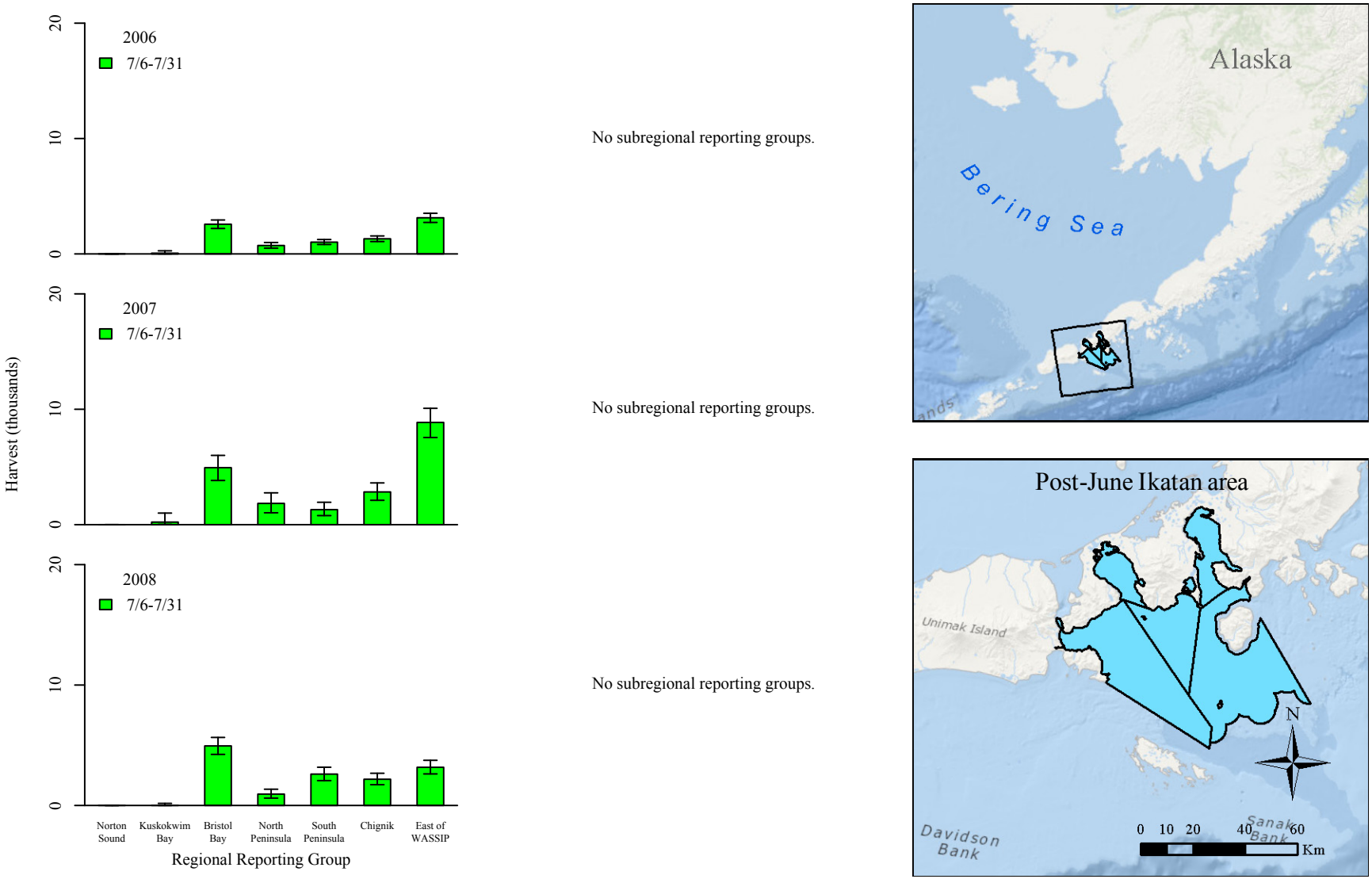

Figure 15.–Median regional reporting group harvest estimates (bars) and 90% credibility intervals (whiskers) by temporal stratum within years for sockeye salmon sampled from Ikatan area (post-June), Alaska Peninsula Area, Westward Region (map) from 2006 to 2008 for the Western Alaska Salmon Stock Identification Program.

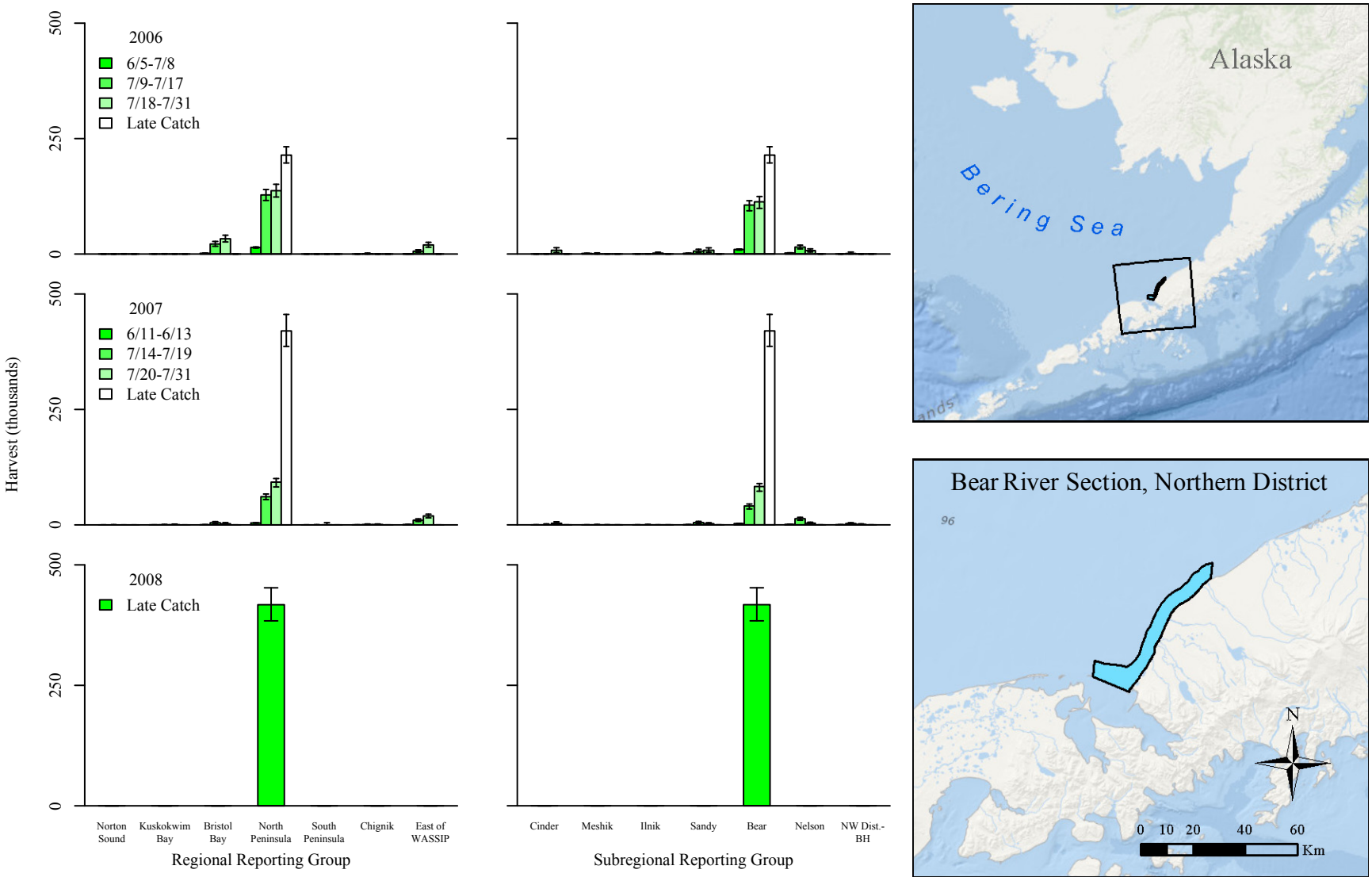

Figure 16.–Median regional and subregional (within North Peninsula) reporting group harvest estimates (bars) and 90% credibility intervals (whiskers) by temporal stratum within years for sockeye salmon sampled from Bear River Section, Northern District, Westward Region (map) from 2006 to 2008 for the Western Alaska Salmon Stock Identification Program.

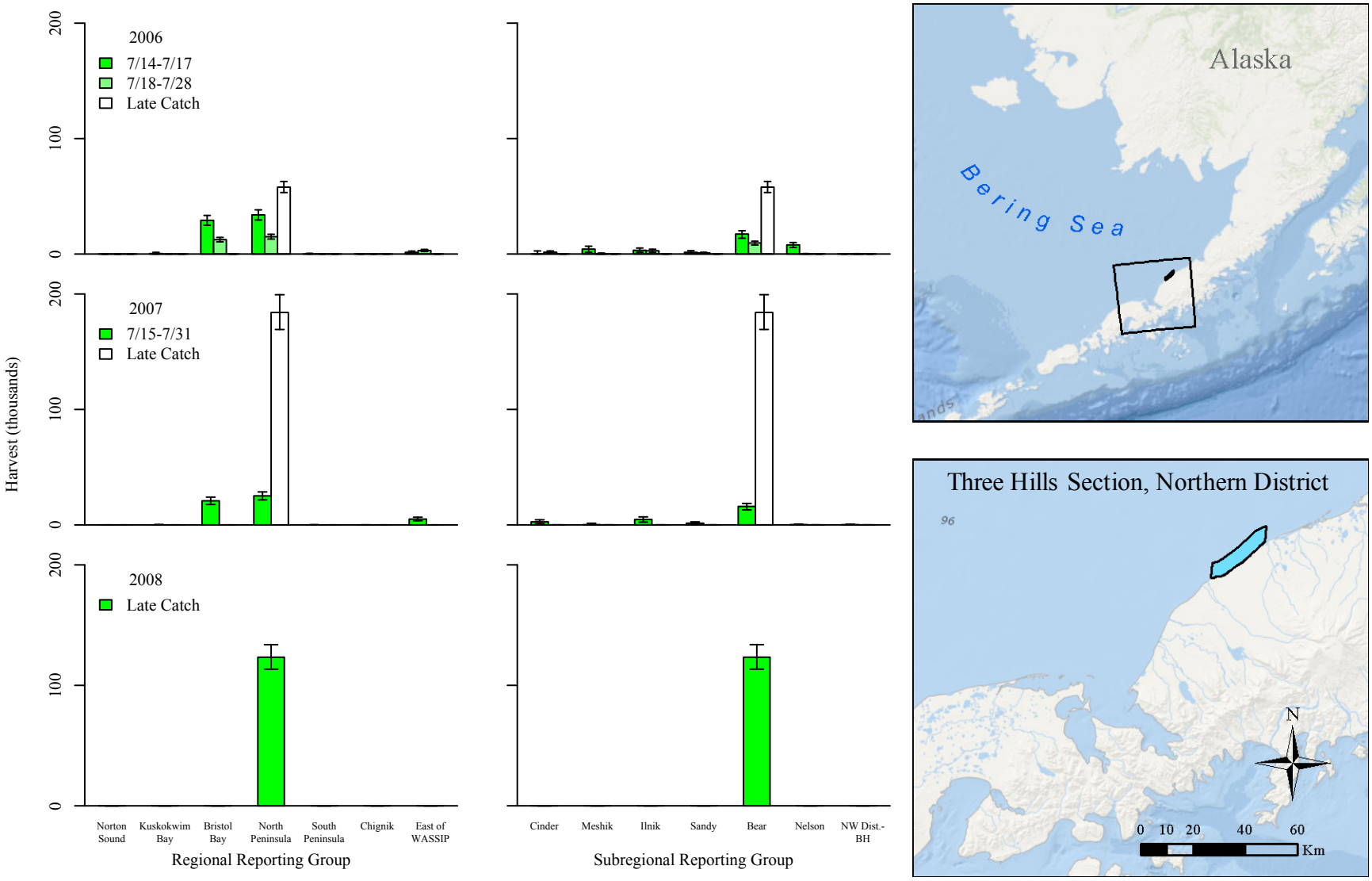

Figure 17.–Median regional and subregional (within North Peninsula) reporting group harvest estimates (bars) and 90% credibility intervals (whiskers) by temporal stratum within years for sockeye salmon sampled from Three Hills Section, Northern District, Westward Region (map) from 2006 to 2008 for the Western Alaska Salmon Stock Identification Program.

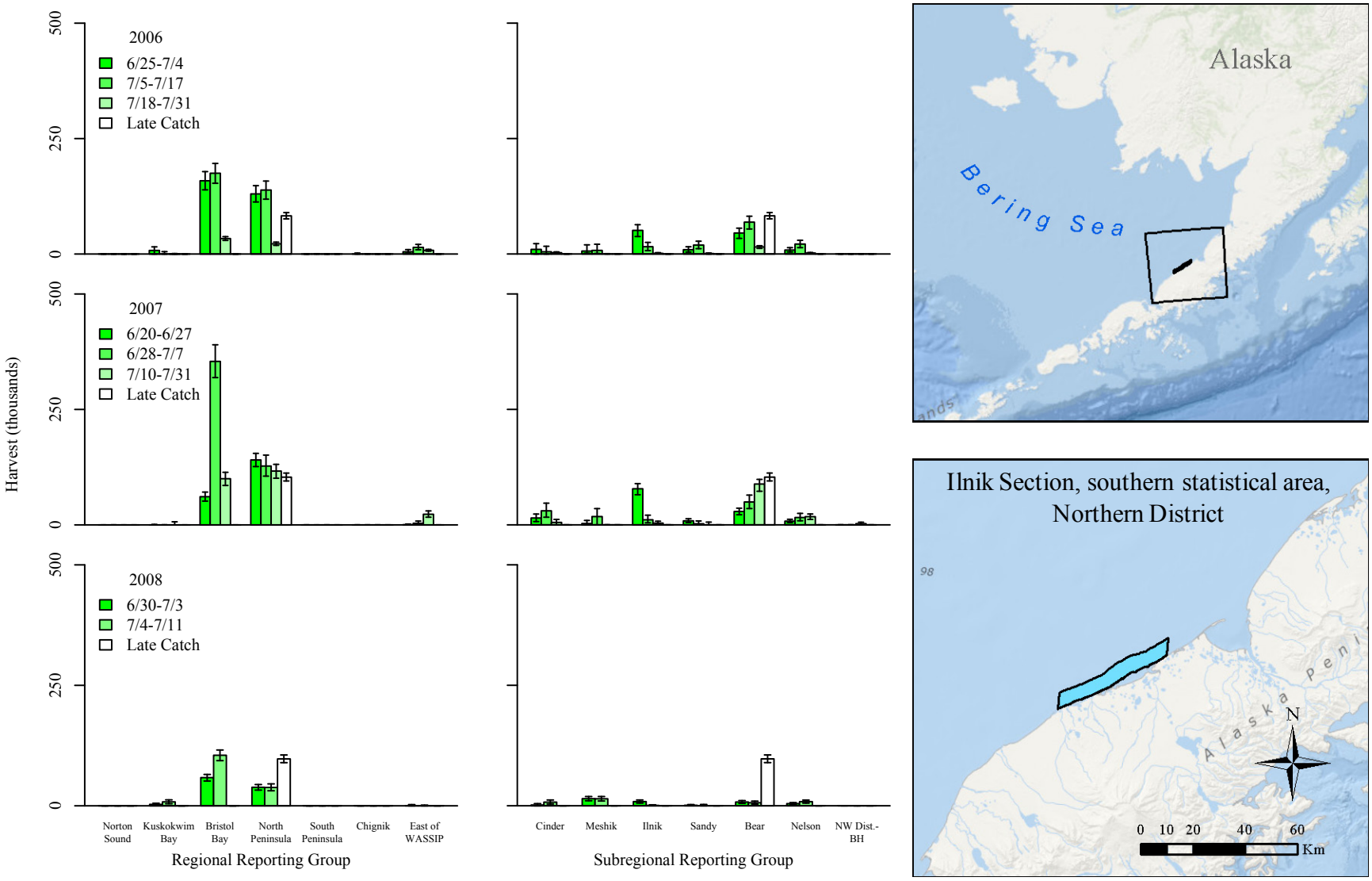

Figure 18.–Median regional and subregional (within North Peninsula) reporting group harvest estimates (bars) and 90% credibility intervals (whiskers) by temporal stratum within years for sockeye salmon sampled from Ilnik Section, southern statistical area, Northern District, Westward Region (map) from 2006 to 2008 for the Western Alaska Salmon Stock Identification Program.

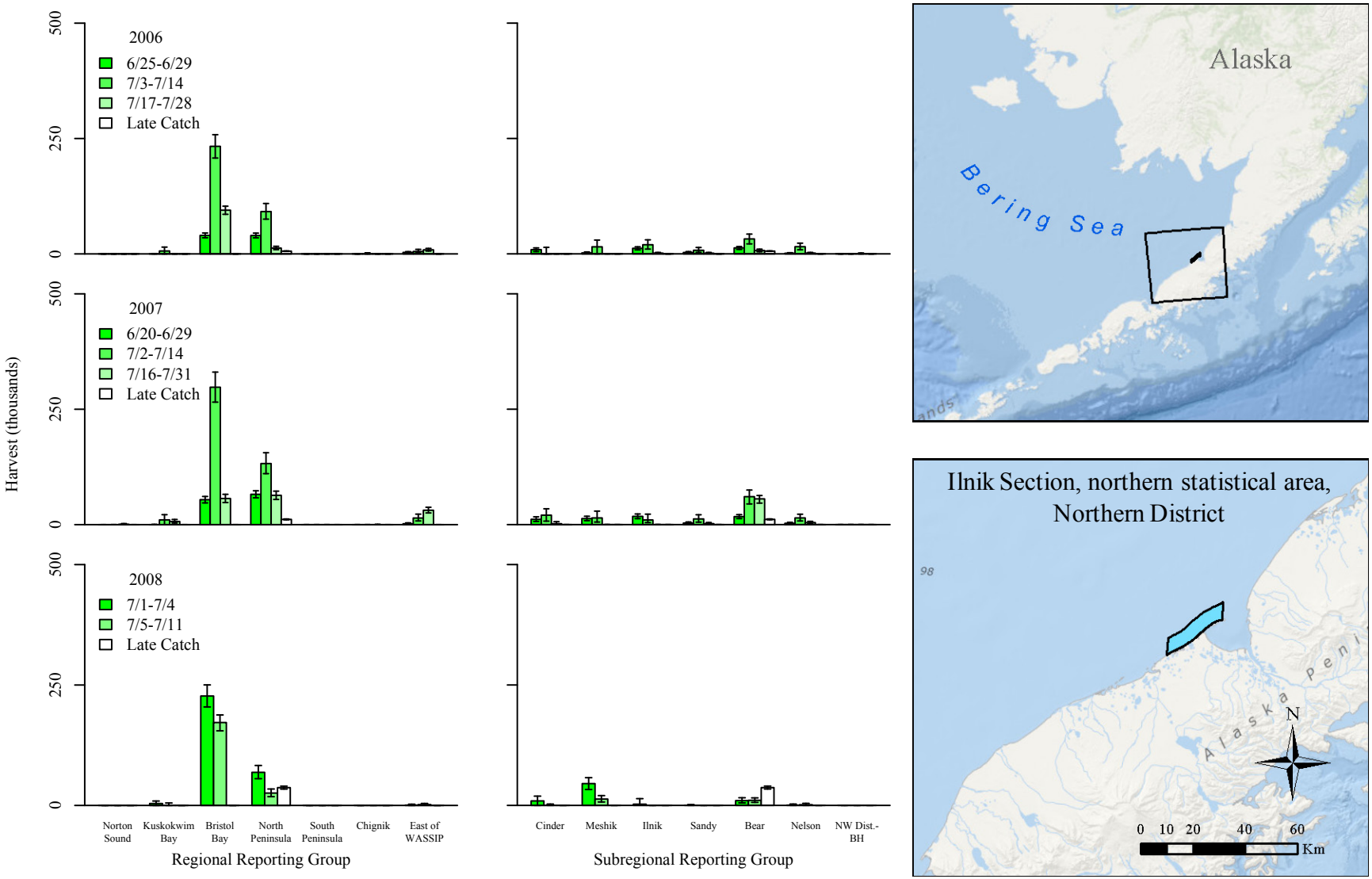

Figure 19.–Median regional and subregional (within North Peninsula) reporting group harvest estimates (bars) and 90% credibility intervals (whiskers) by temporal stratum within years for sockeye salmon sampled from Ilnik Section, northern statistical area, Northern District, Westward Region (map) from 2006 to 2008 for the Western Alaska Salmon Stock Identification Program.

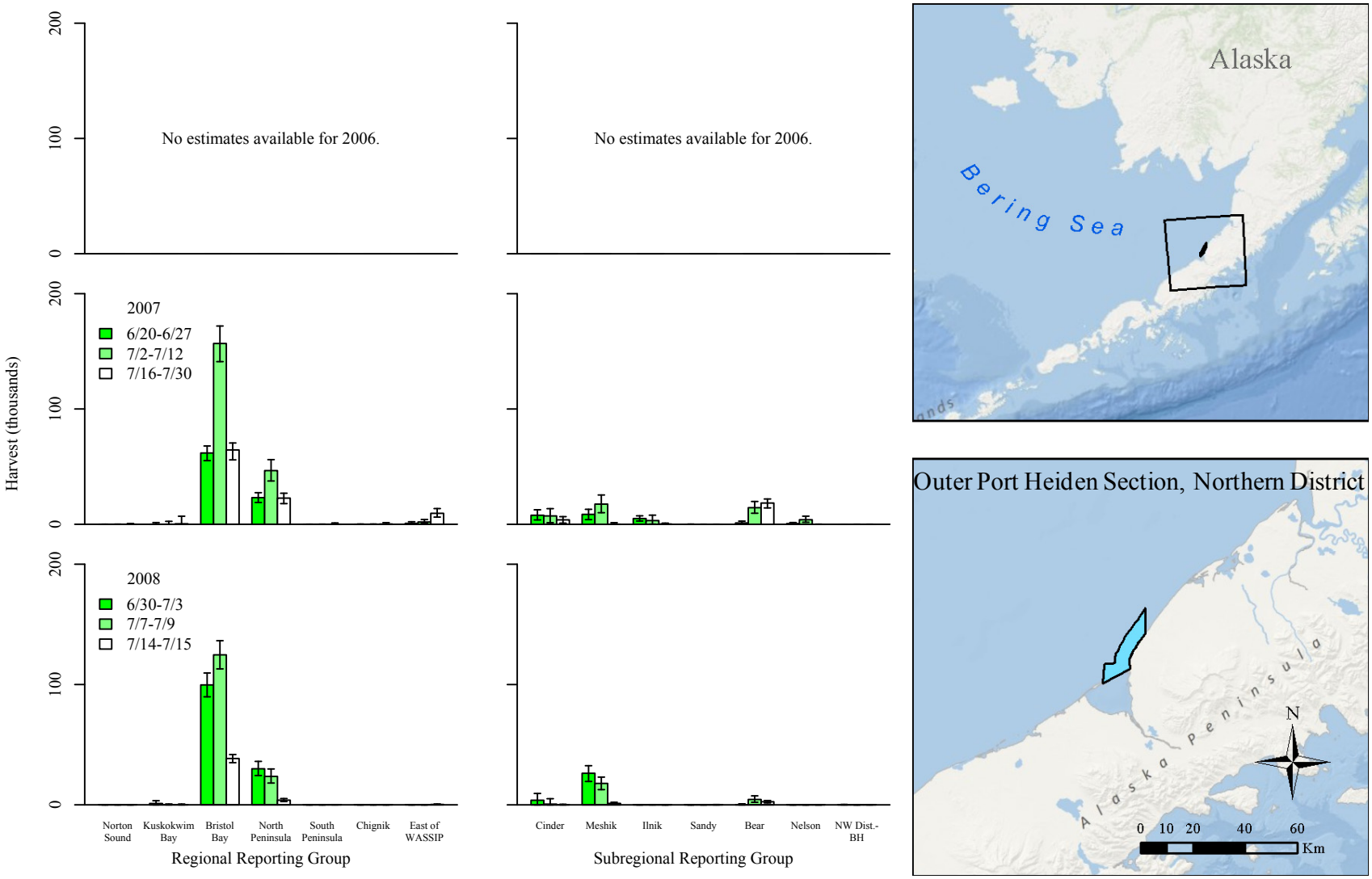

Figure 20.–Median regional and subregional (within North Peninsula) reporting group harvest estimates (bars) and 90% credibility intervals (whiskers) by temporal stratum within years for sockeye salmon sampled from Outer Port Heiden, Northern District, Westward Region (map) from 2006 to 2008 for the Western Alaska Salmon Stock Identification Program.

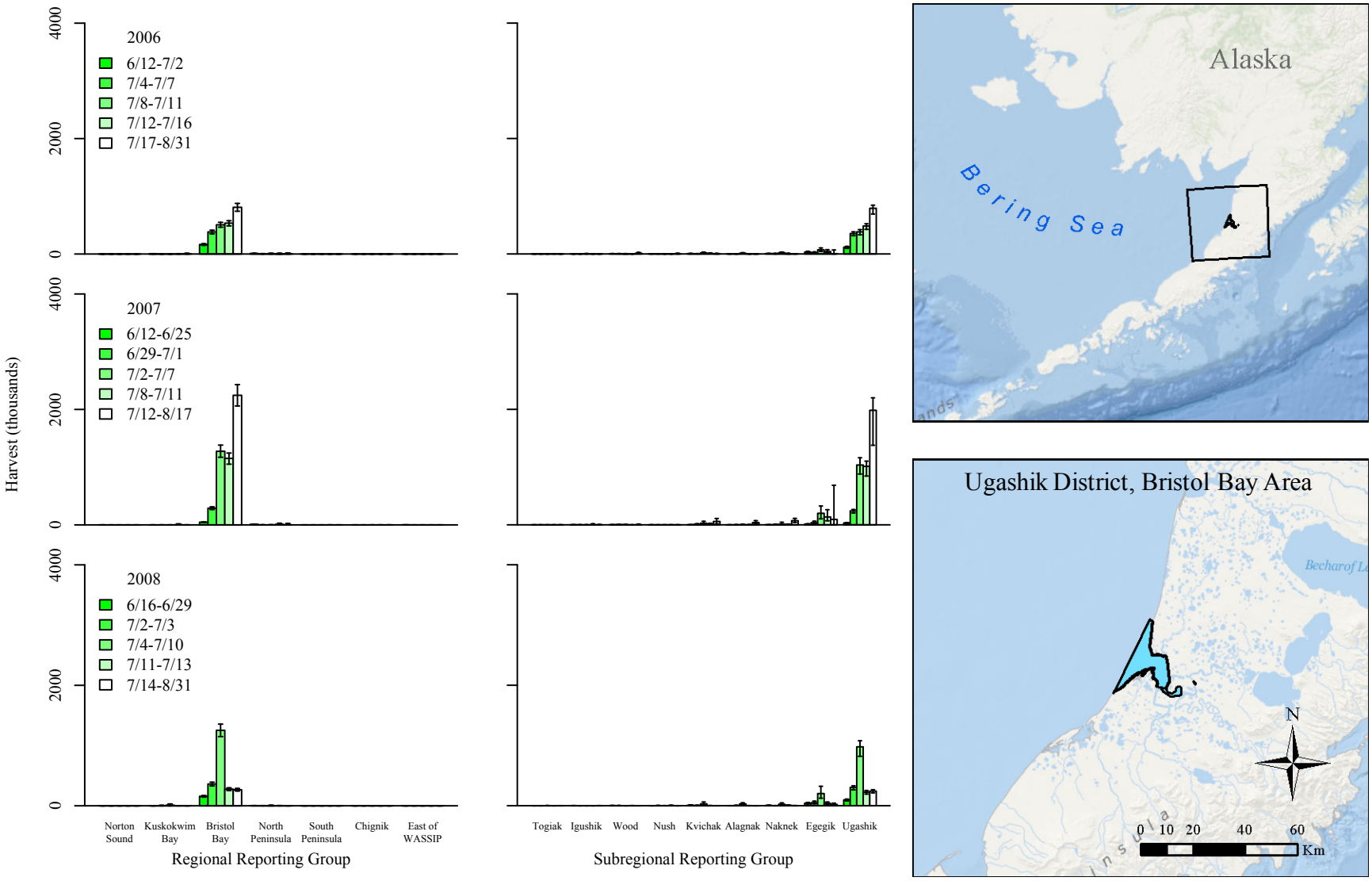

Figure 21.–Median regional and subregional (within Bristol Bay) reporting group harvest estimates (bars) and 90% credibility intervals (whiskers) by temporal stratum within years for sockeye salmon sampled from Ugashik District, Bristol Bay Area, Central Region (map) from 2006 to 2008 for the Western Alaska Salmon Stock Identification Program.

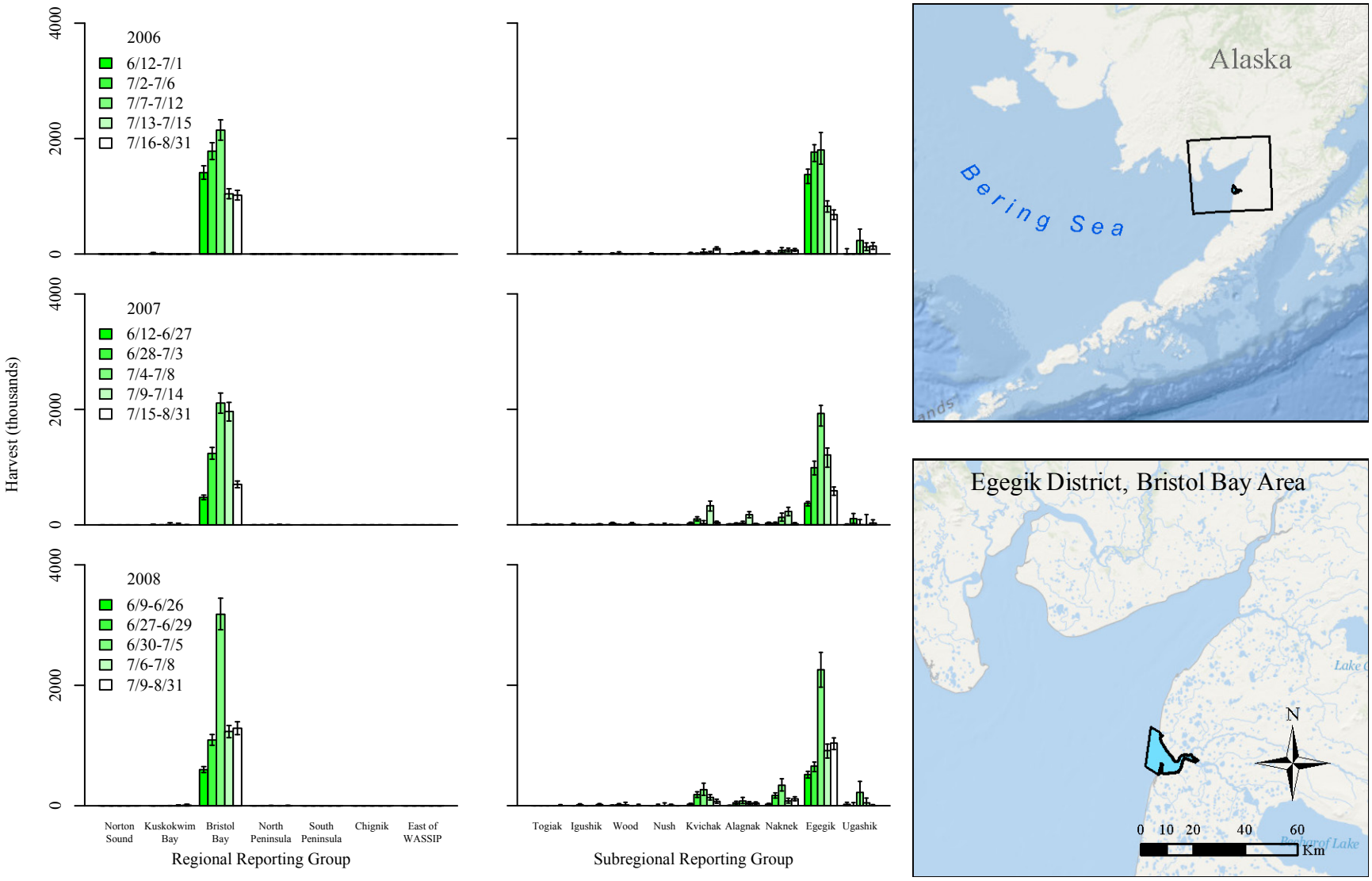

Figure 22.–Median regional and subregional (within Bristol Bay) reporting group harvest estimates (bars) and 90% credibility intervals (whiskers) by temporal stratum within years for sockeye salmon sampled from Egegik District, Bristol Bay Area, Central Region (map) from 2006 to 2008 for the Western Alaska Salmon Stock Identification Program.

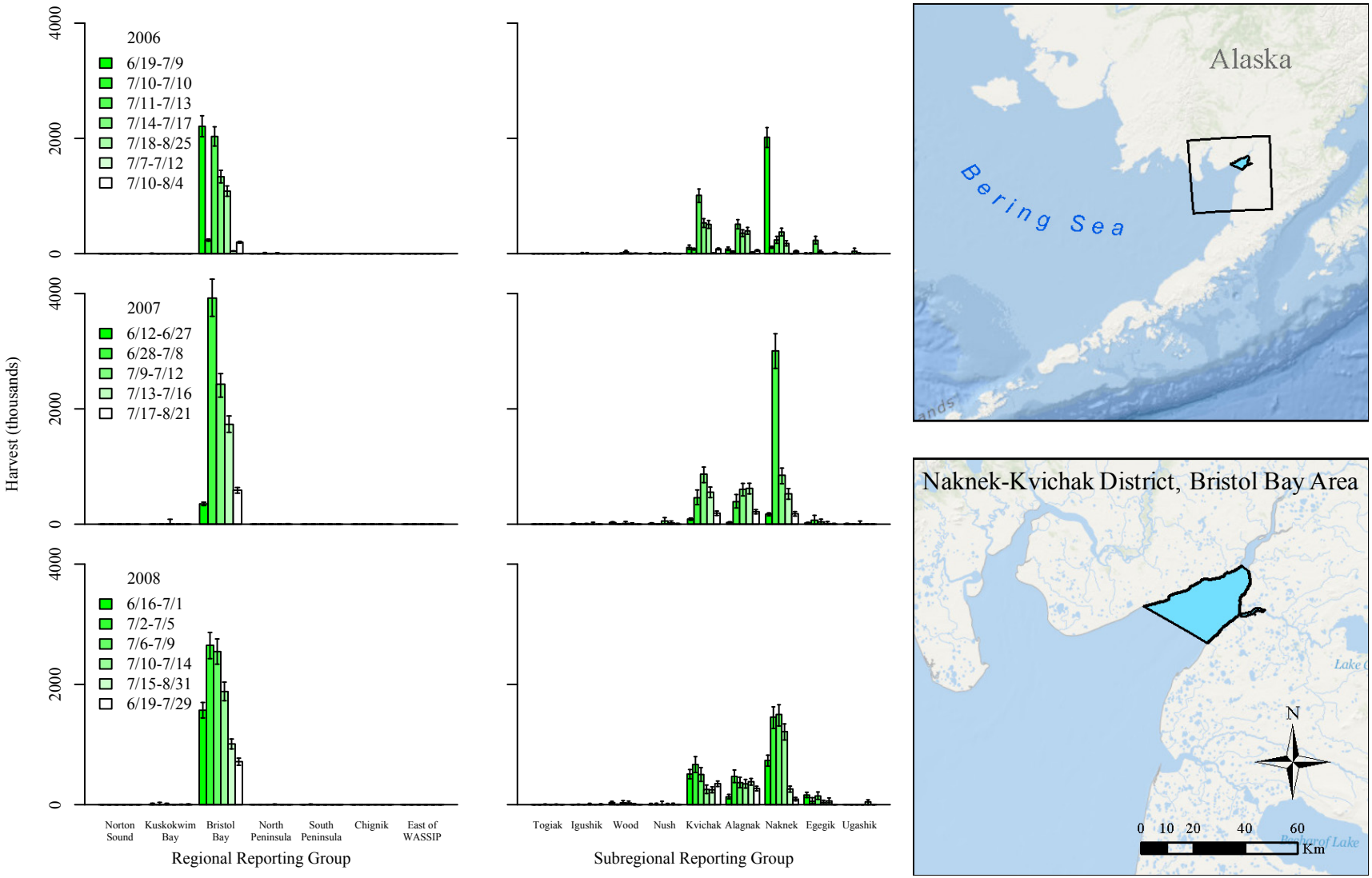

Figure 23.–Median regional and subregional (within Bristol Bay) reporting group harvest estimates (bars) and 90% credibility intervals (whiskers) by temporal stratum within years for sockeye salmon sampled from Naknek-Kvichak District, Bristol Bay Area, Central Region (map) from 2006 to 2008 for the Western Alaska Salmon Stock Identification Program.

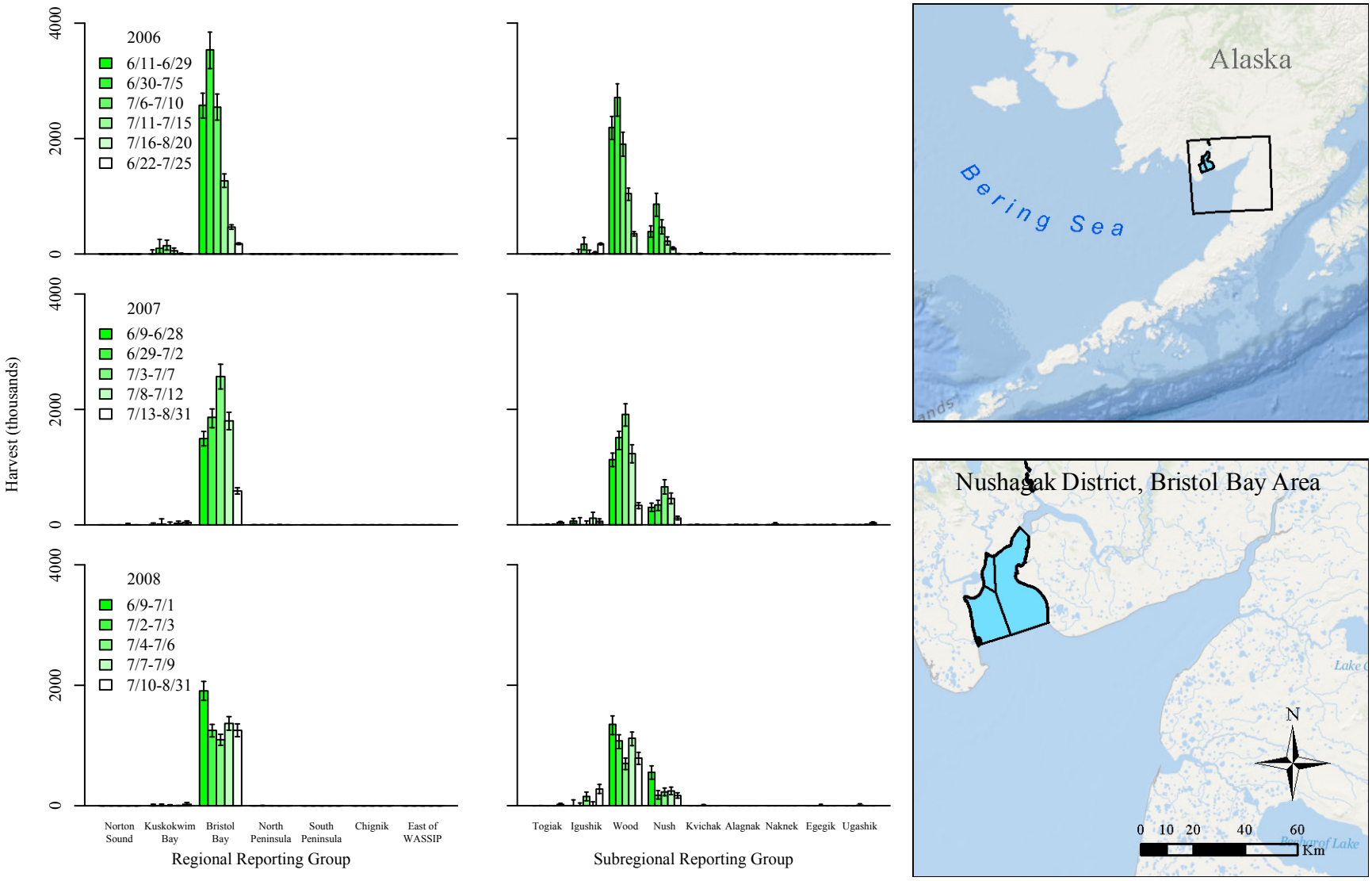

Figure 24.–Median regional and subregional (within Bristol Bay) reporting group harvest estimates (bars) and 90% credibility intervals (whiskers) by temporal stratum within years for sockeye salmon sampled from Nushagak District, Bristol Bay Area, Central Region (map) from 2006 to 2008 for the Western Alaska Salmon Stock Identification Program.

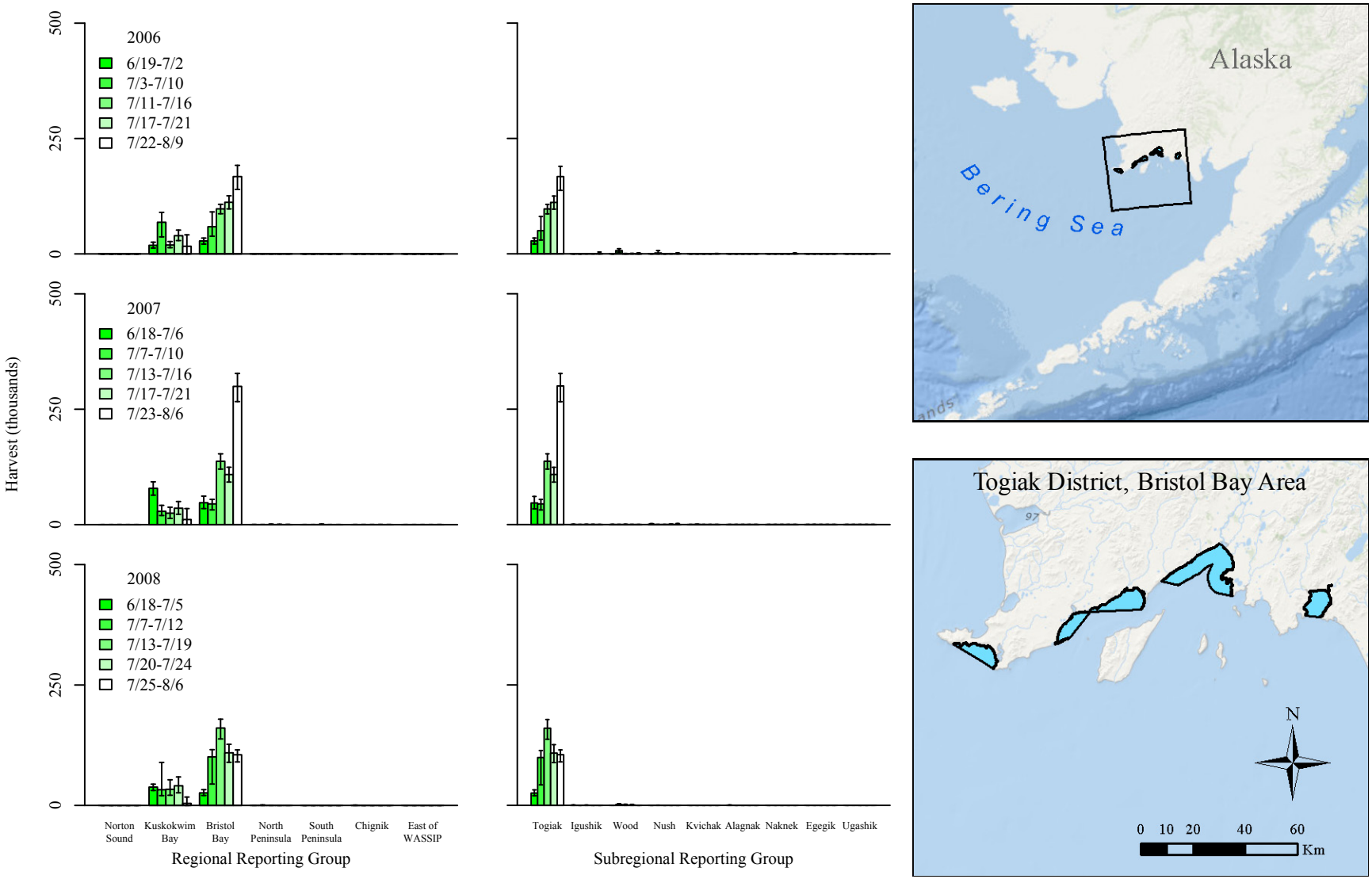

Figure 25.–Median regional and subregional (within Bristol Bay) reporting group harvest estimates (bars) and 90% credibility intervals (whiskers) by temporal stratum within years for sockeye salmon sampled from Togiak District, Bristol Bay Area, Central Region (map) from 2006 to 2008 for the Western Alaska Salmon Stock Identification Program.

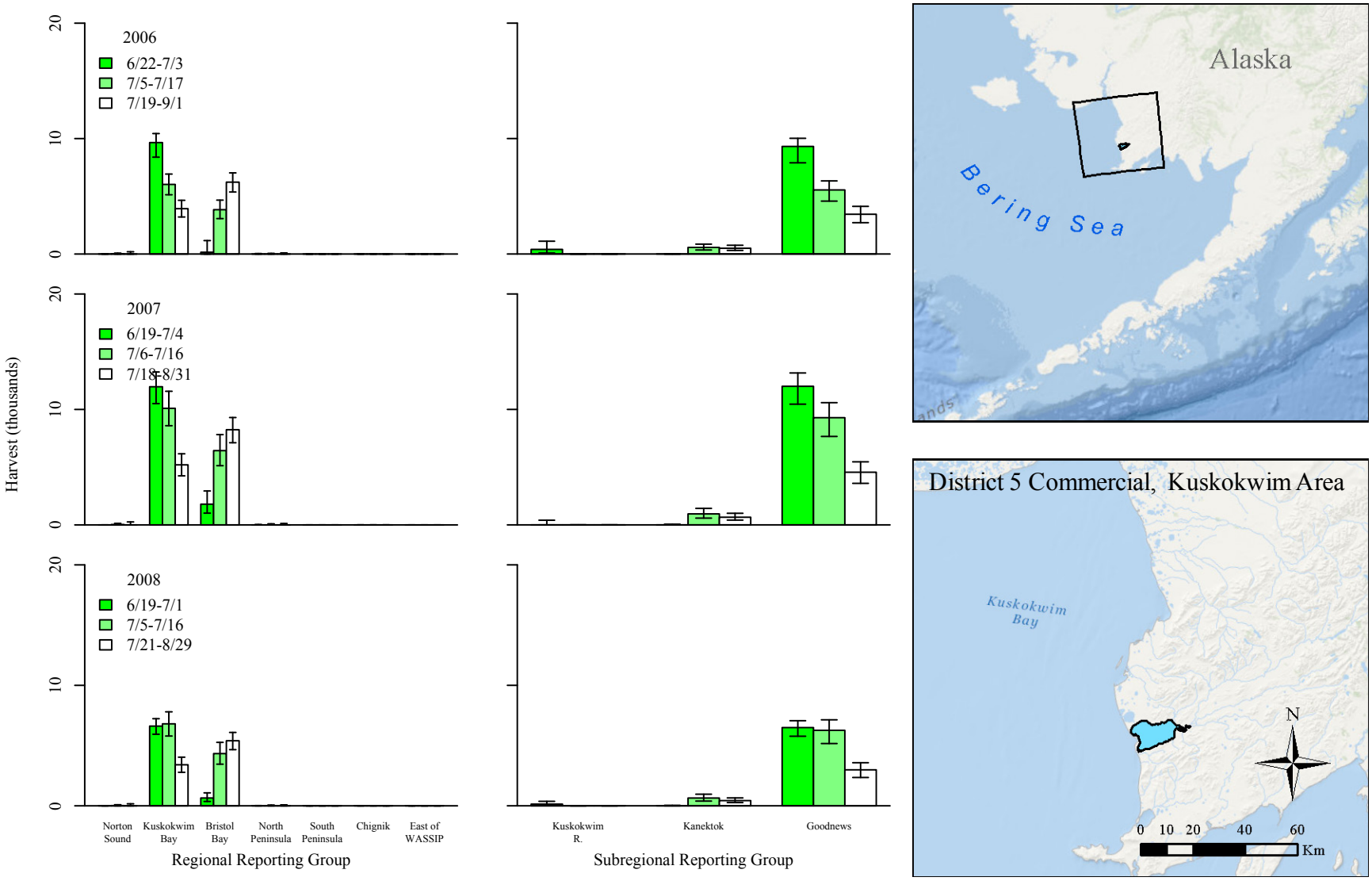

Figure 26.–Median regional and subregional (within Kuskokwim Bay) reporting group harvest estimates (bars) and 90% credibility intervals (whiskers) by temporal stratum within years for sockeye salmon sampled from District 5 Commercial, Kuskokwim Area, Arctic–Yukon–Kuskokwim Region (map) from 2006 to 2008 for the Western Alaska Salmon Stock Identification Program.

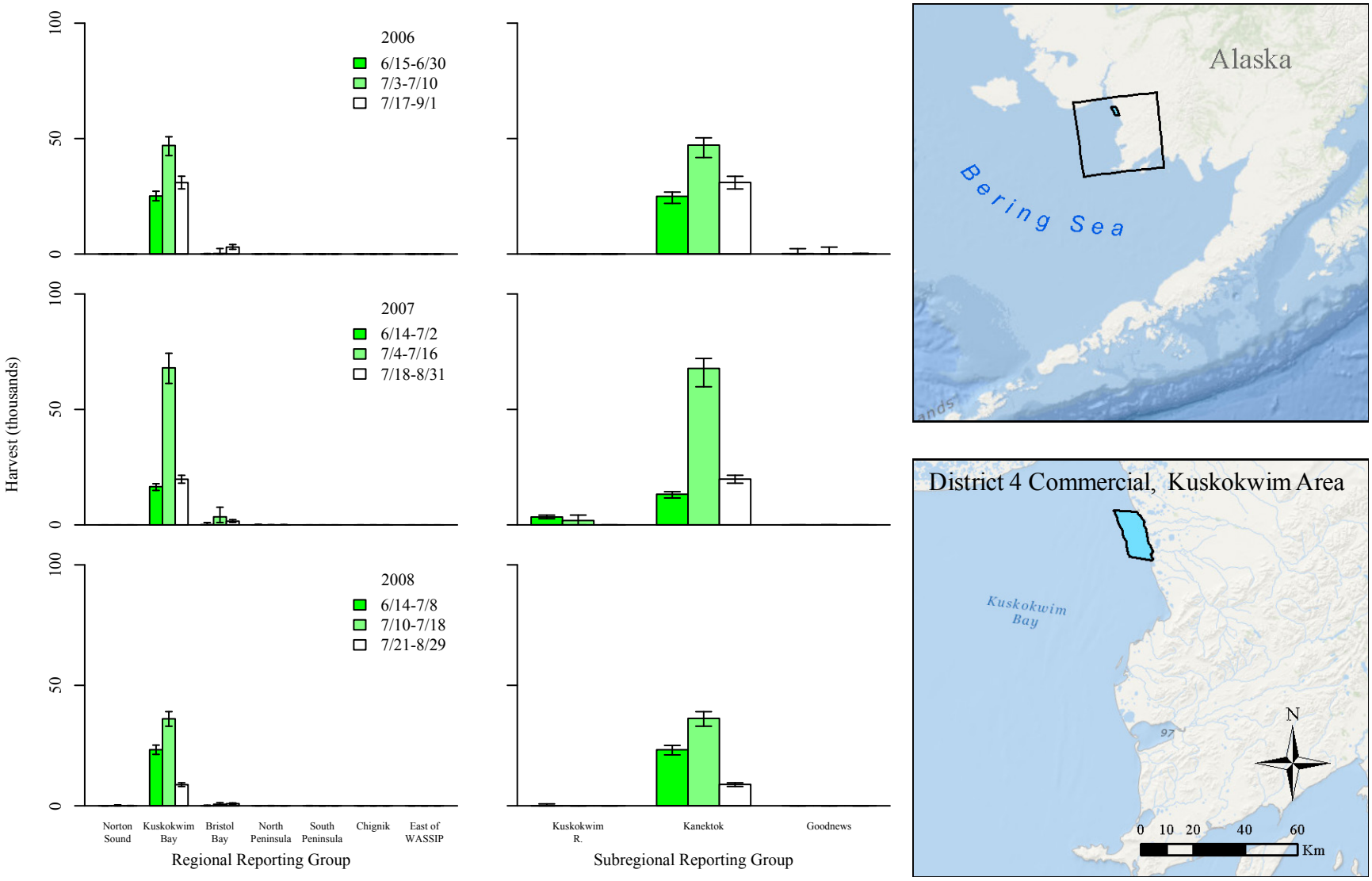

Figure 27.–Median regional and subregional (within Kuskokwim Bay) reporting group harvest estimates (bars) and 90% credibility intervals (whiskers) by temporal stratum within years for sockeye salmon sampled from District 4 Commercial, Kuskokwim Area, Arctic–Yukon–Kuskokwim Region (map) from 2006 to 2008 for the Western Alaska Salmon Stock Identification Program.

FIGURES 28–52: HARVEST RATE IN AREA STRATA BY REGIONAL AND SUBREGIONAL REPORTING GROUP ACROSS YEARS

WHAT STOCKS WERE HARVESTED IN A GIVEN BROAD-SCALE FISHERY?

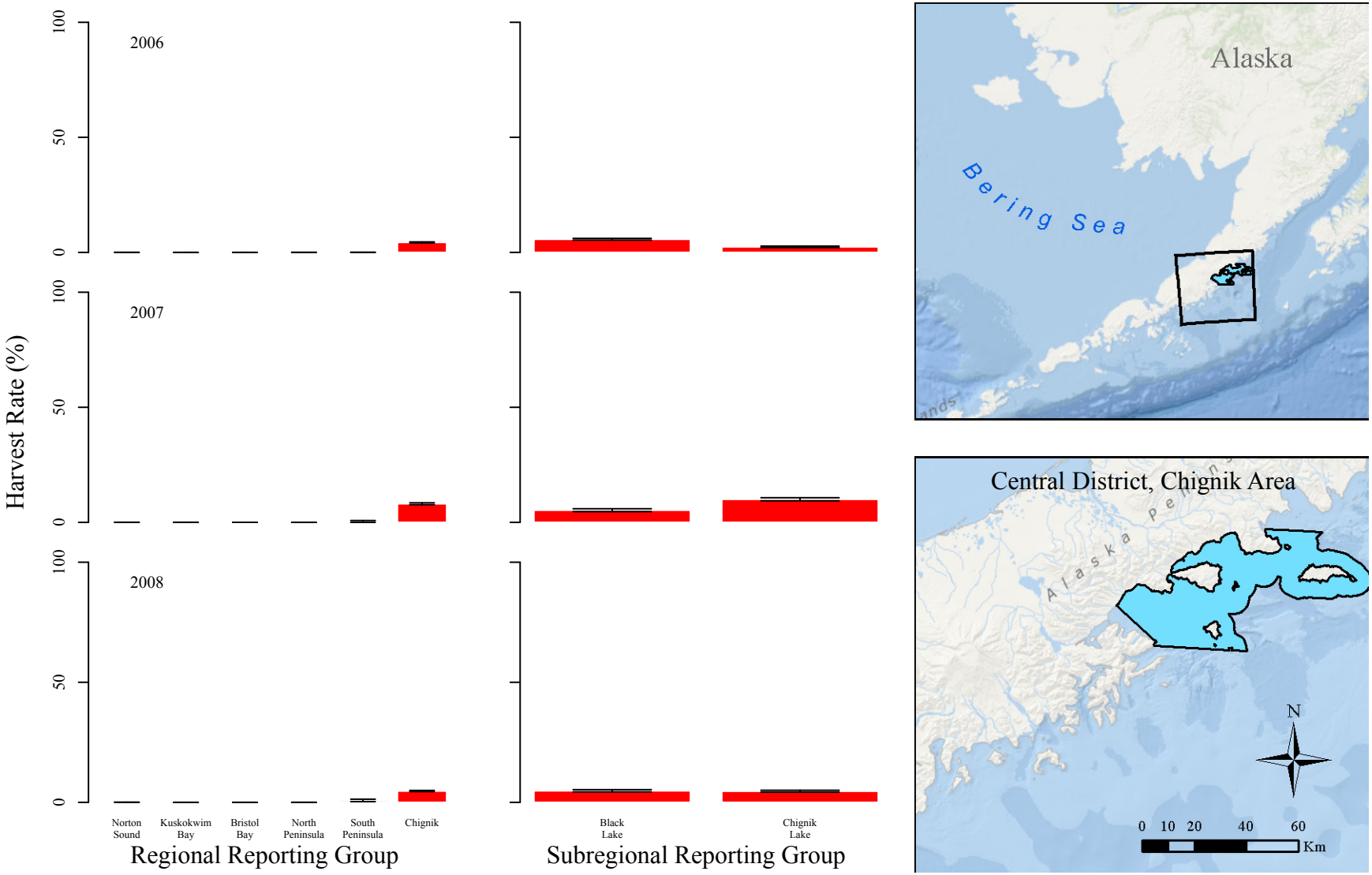

Figure 28.–Median regional and subregional (within Chignik) reporting group harvest rate estimates (bars) and 90% credibility intervals (whiskers) within years for sockeye salmon sampled from Central District, Chignik Area, Westward Region (map) from 2006 to 2008 for the Western Alaska Salmon Stock Identification Program.

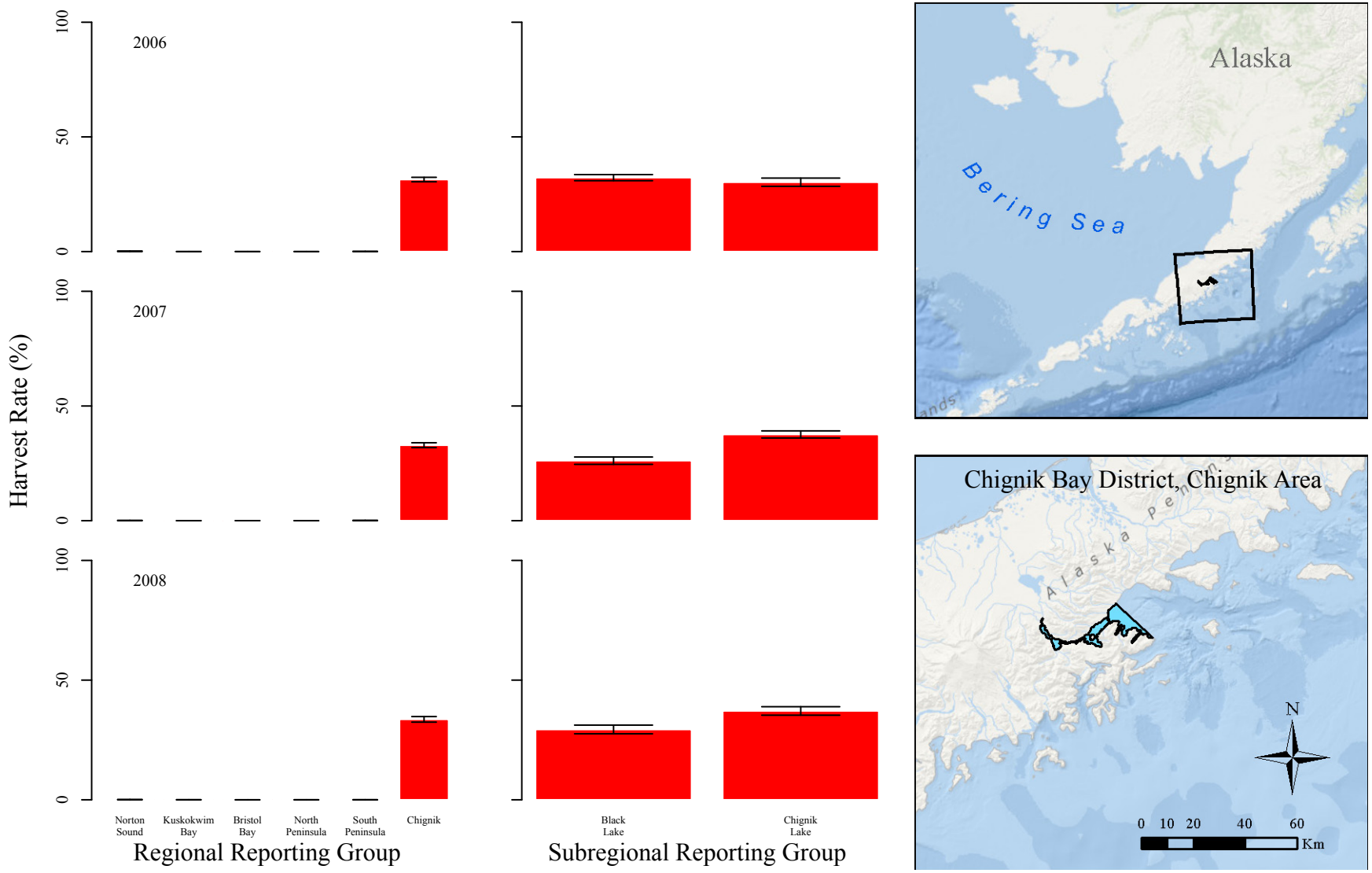

Figure 29.–Median regional and subregional (within Chignik) reporting group harvest rate estimates (bars) and 90% credibility intervals (whiskers) within years for sockeye salmon sampled from Chignik Bay District, Chignik Area, Westward Region (map) from 2006 to 2008 for the Western Alaska Salmon Stock Identification Program.

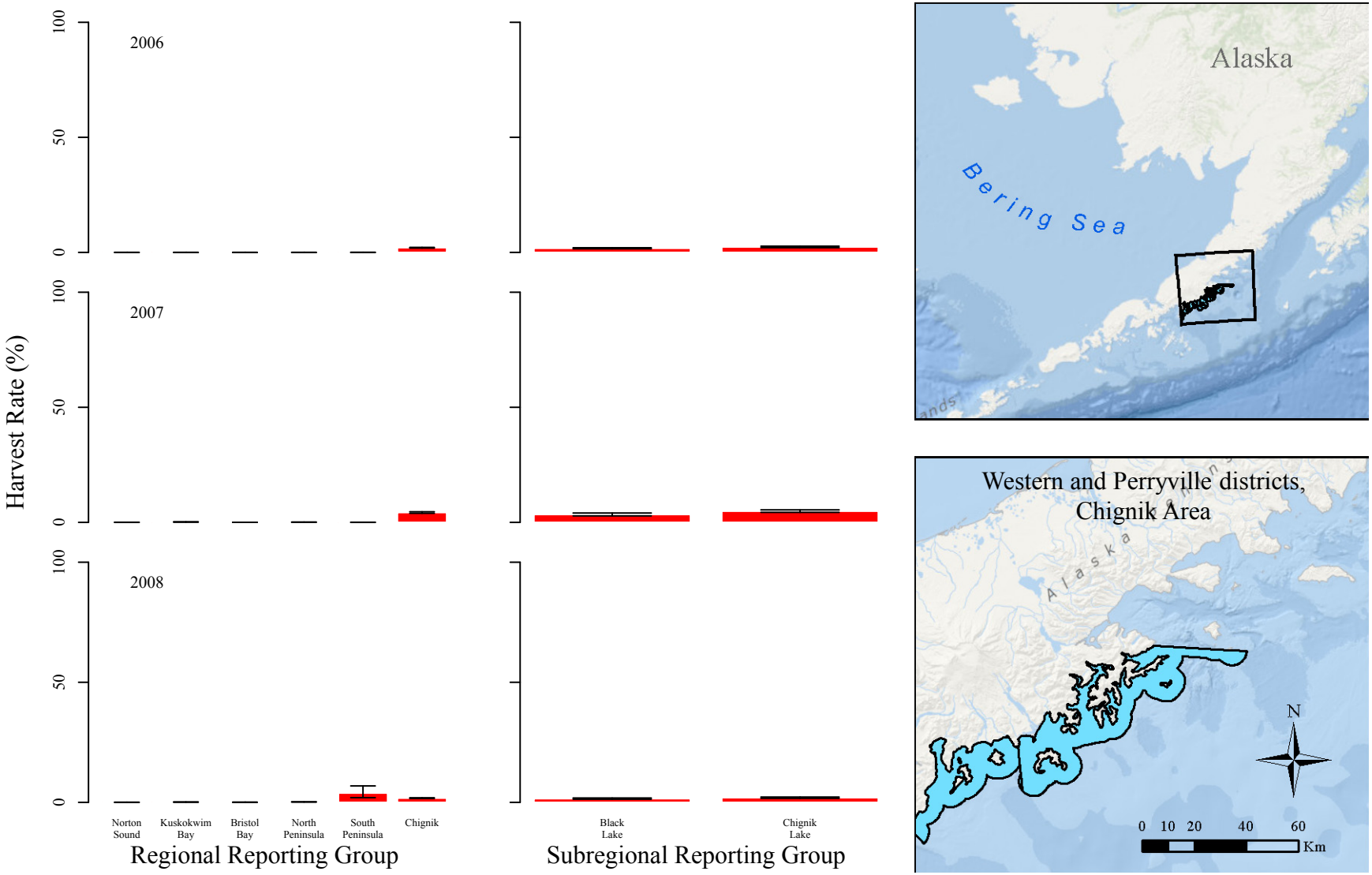

Figure 30.–Median regional and subregional (within Chignik) reporting group harvest rate estimates (bars) and 90% credibility intervals (whiskers) within years for sockeye salmon sampled from Western and Perryville districts, Chignik Area, Westward Region (map) from 2006 to 2008 for the Western Alaska Salmon Stock Identification Program.

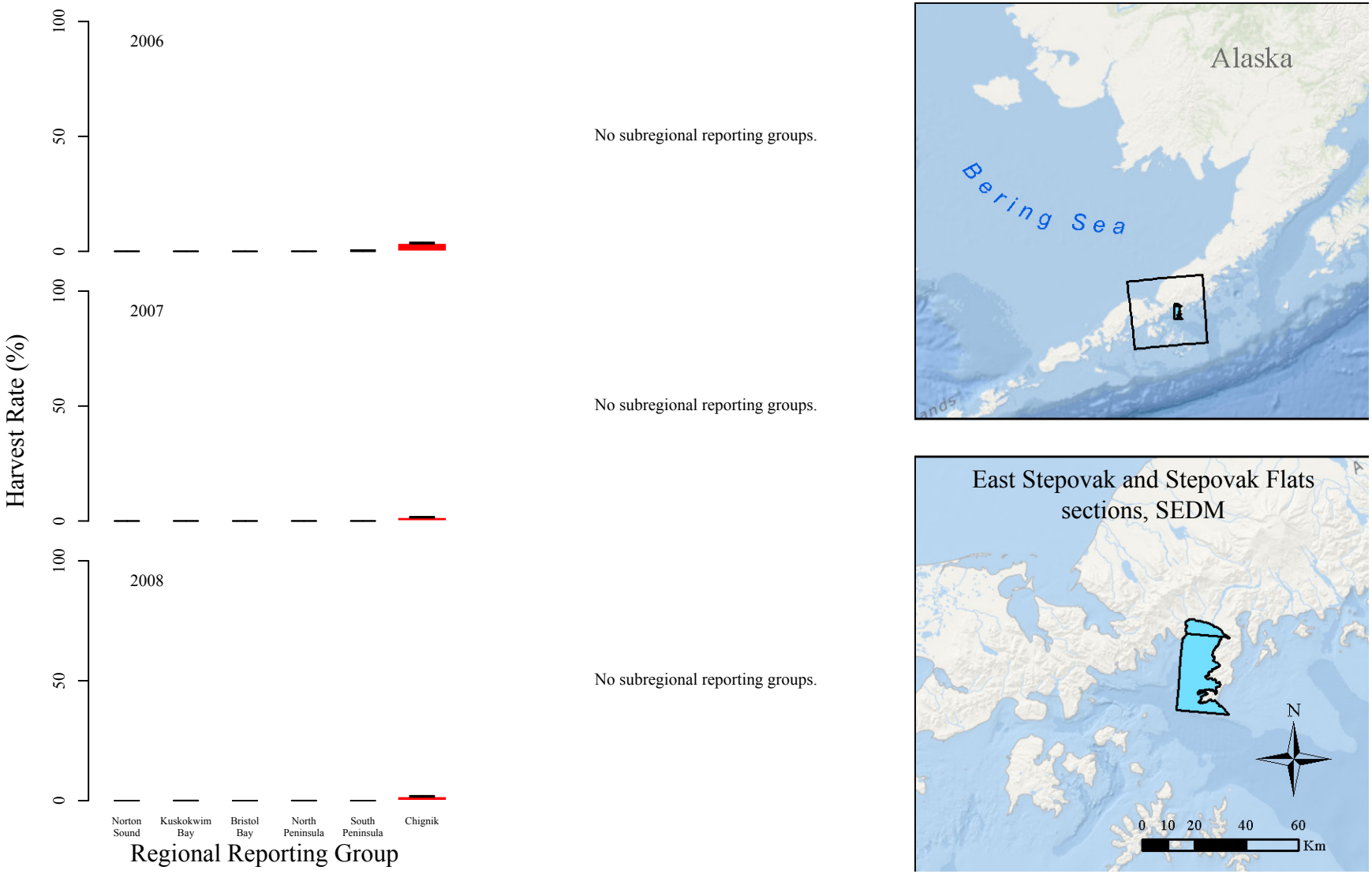

Figure 31.–Median regional reporting group harvest rate estimates (bars) and 90% credibility intervals (whiskers) within years for sockeye salmon sampled from East Stepovak and Stepovak Flats sections, Southeastern District Mainland area, Westward Region (map) from 2006 to 2008 for the Western Alaska Salmon Stock Identification Program.

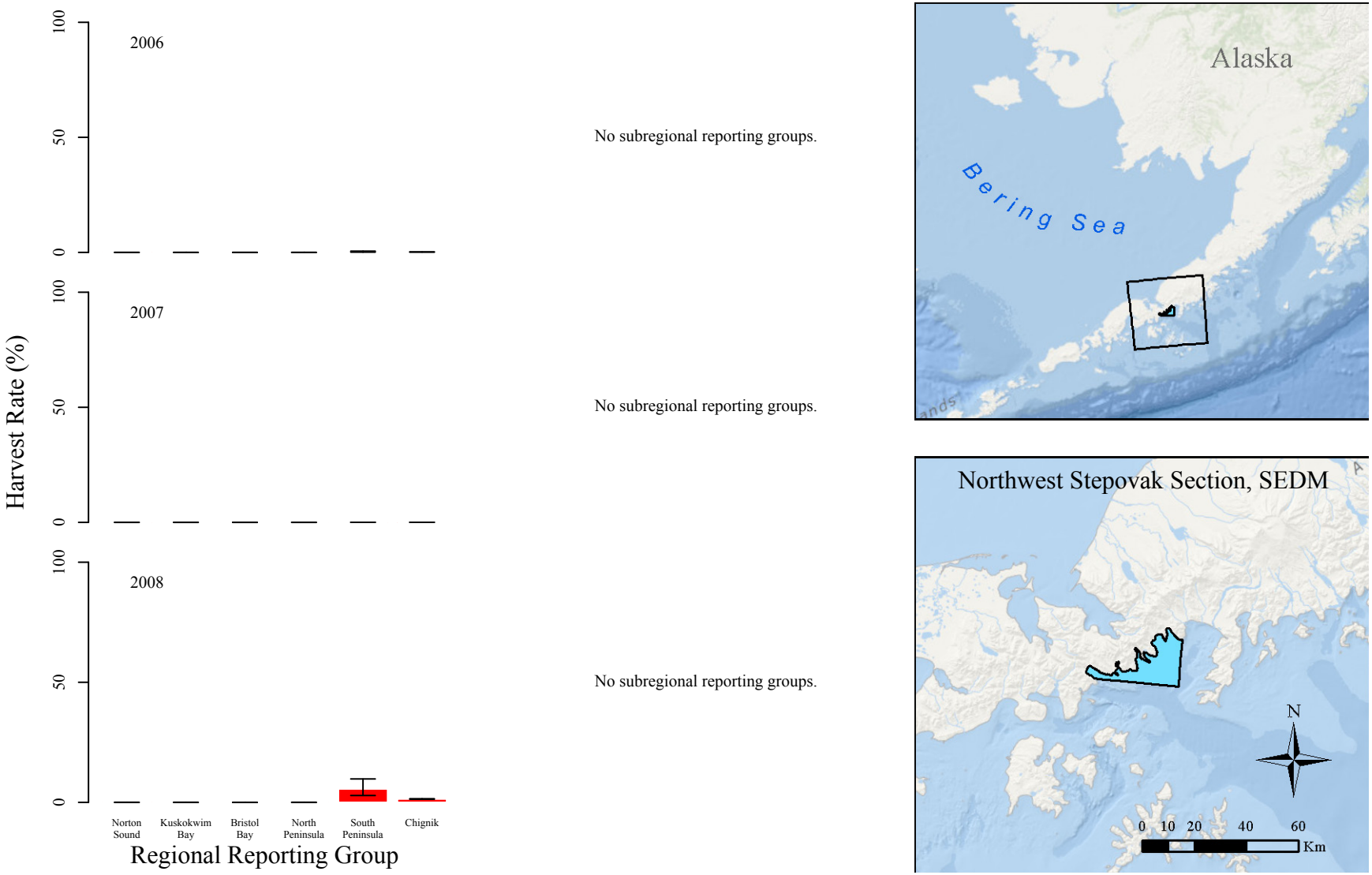

Figure 32.–Median regional reporting group harvest rate estimates (bars) and 90% credibility intervals (whiskers) within years for sockeye salmon sampled from Northwest Stepovak Sections, Southeastern District Mainland area, Westward Region (map) from 2006 to 2008 for the Western Alaska Salmon Stock Identification Program.

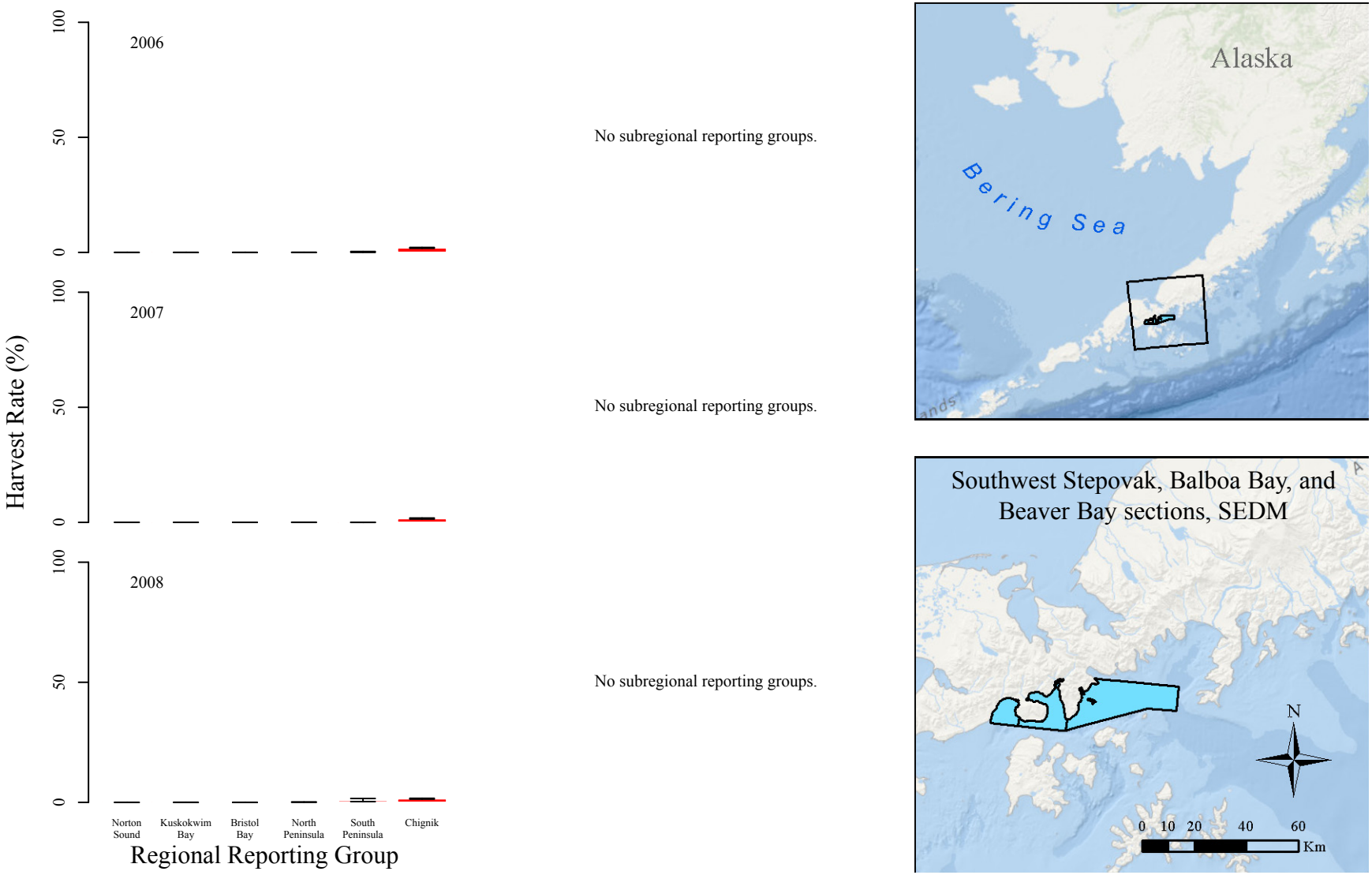

Figure 33.–Median regional reporting group harvest rate estimates (bars) and 90% credibility intervals (whiskers) within years for sockeye salmon sampled from Southwest Stepovak, Balboa Bay, and Beaver Bay sections, Southeastern District Mainland area, Westward Region (map) from 2006 to 2008 for the Western Alaska Salmon Stock Identification Program.

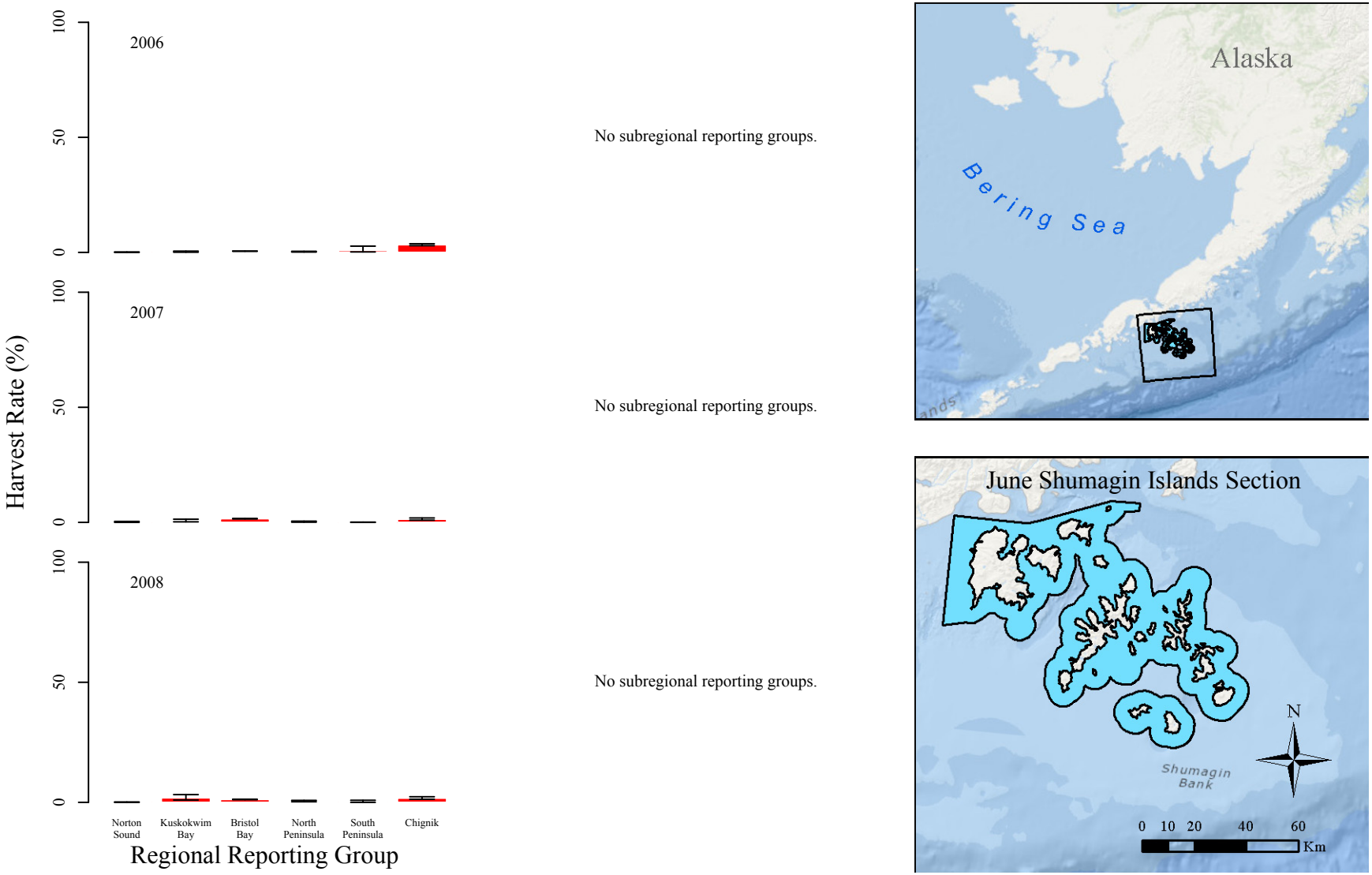

Figure 34.–Median regional reporting group harvest rate estimates (bars) and 90% credibility intervals (whiskers) within years for sockeye salmon sampled from Shumagin Islands Section (June), Alaska Peninsula Area, Westward Region (map) from 2006 to 2008 for the Western Alaska Salmon Stock Identification Program.

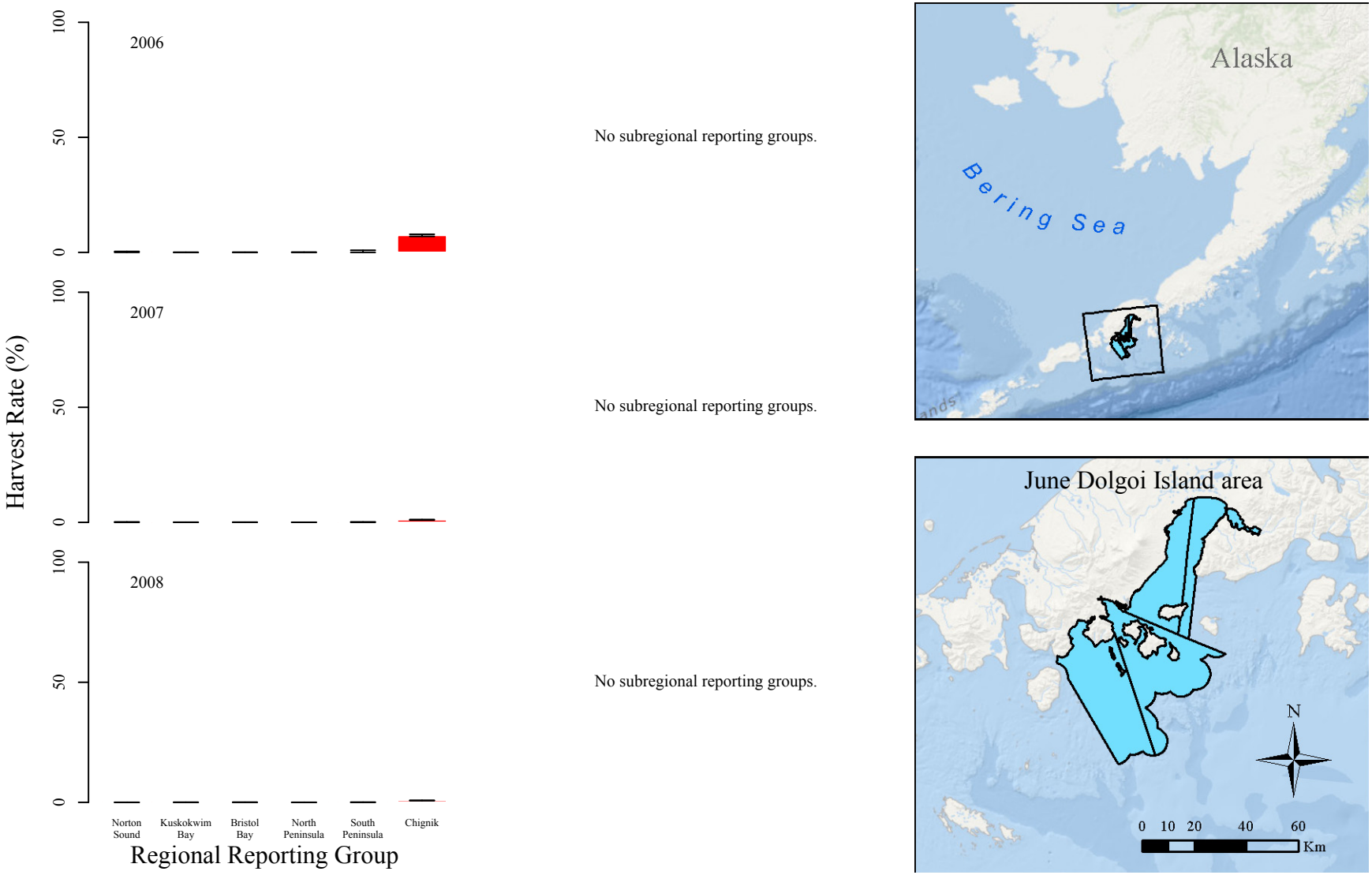

Figure 35.–Median regional reporting group harvest rate estimates (bars) and 90% credibility intervals (whiskers) within years for sockeye salmon sampled from Dolgoi Island area (June), Alaska Peninsula Area, Westward Region (map) from 2006 to 2008 for the Western Alaska Salmon Stock Identification Program.

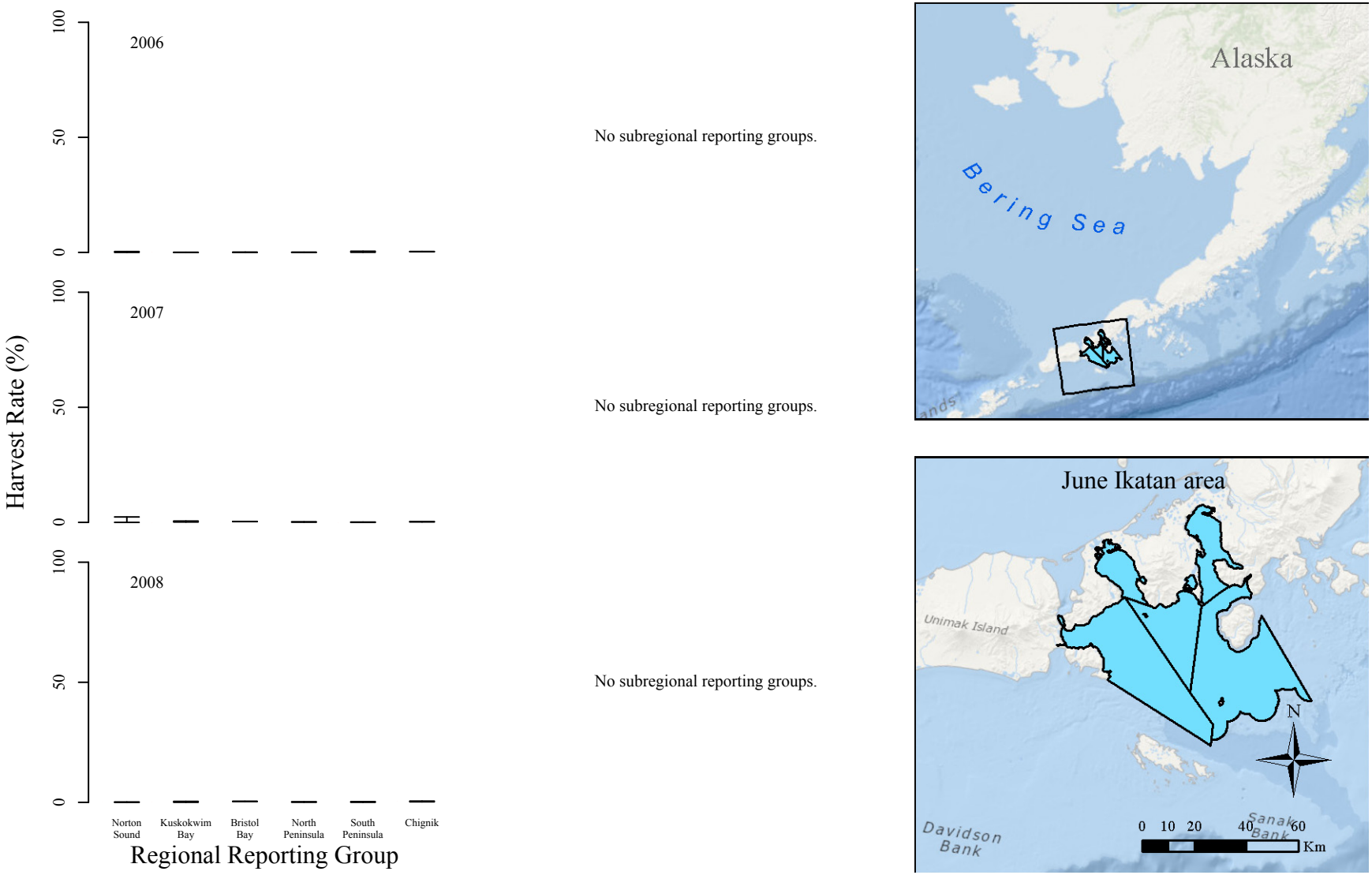

Figure 36.–Median regional reporting group harvest rate estimates (bars) and 90% credibility intervals (whiskers) within years for sockeye salmon sampled from Ikatan Area (June), Alaska Peninsula Area, Westward Region (map) from 2006 to 2008 for the Western Alaska Salmon Stock Identification Program.

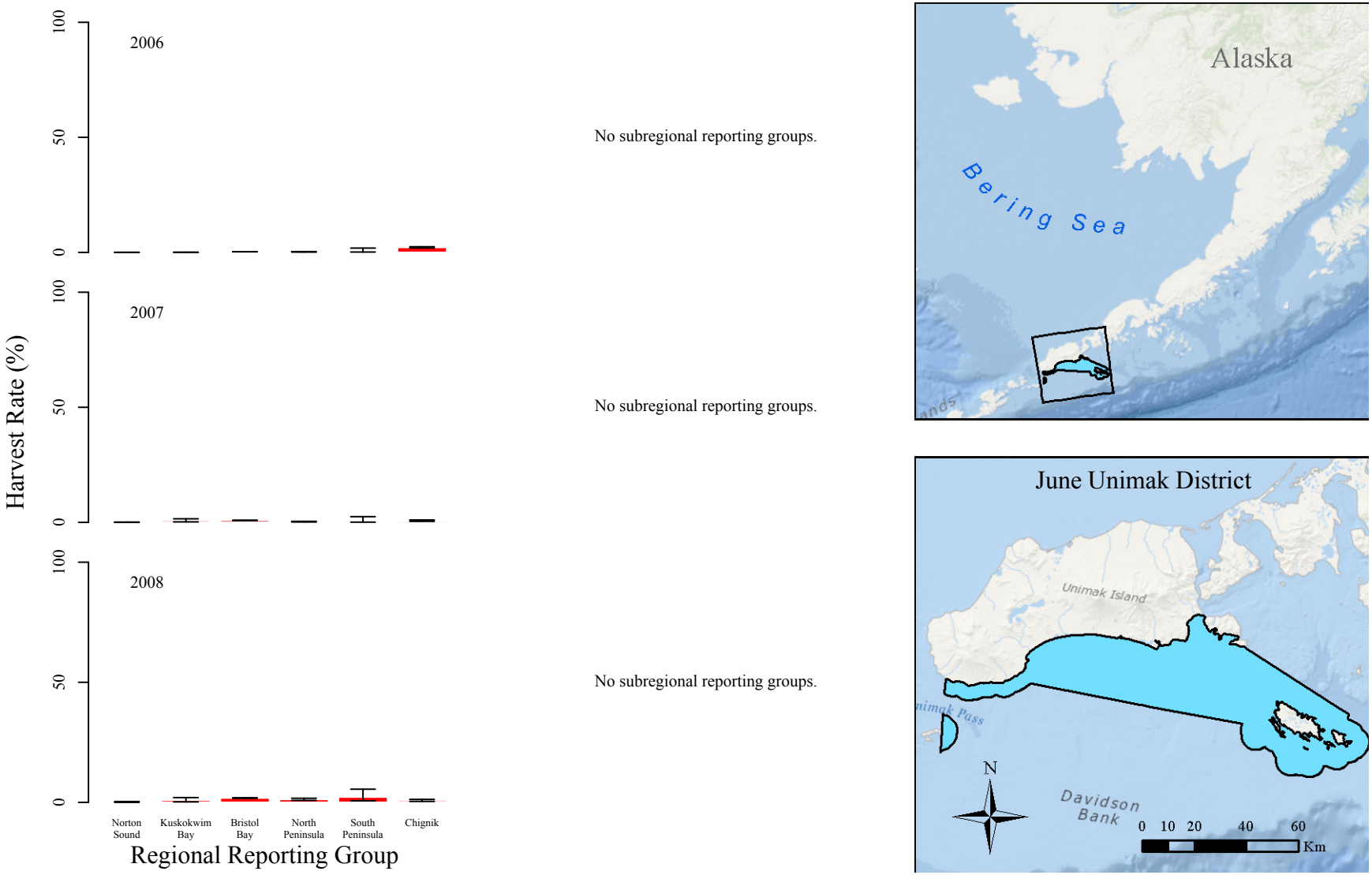

Figure 37.–Median regional reporting group harvest rate estimates (bars) and 90% credibility intervals (whiskers) within years for sockeye salmon sampled from Unimak District (June), Alaska Peninsula Area, Westward Region (map) from 2006 to 2008 for the Western Alaska Salmon Stock Identification Program.

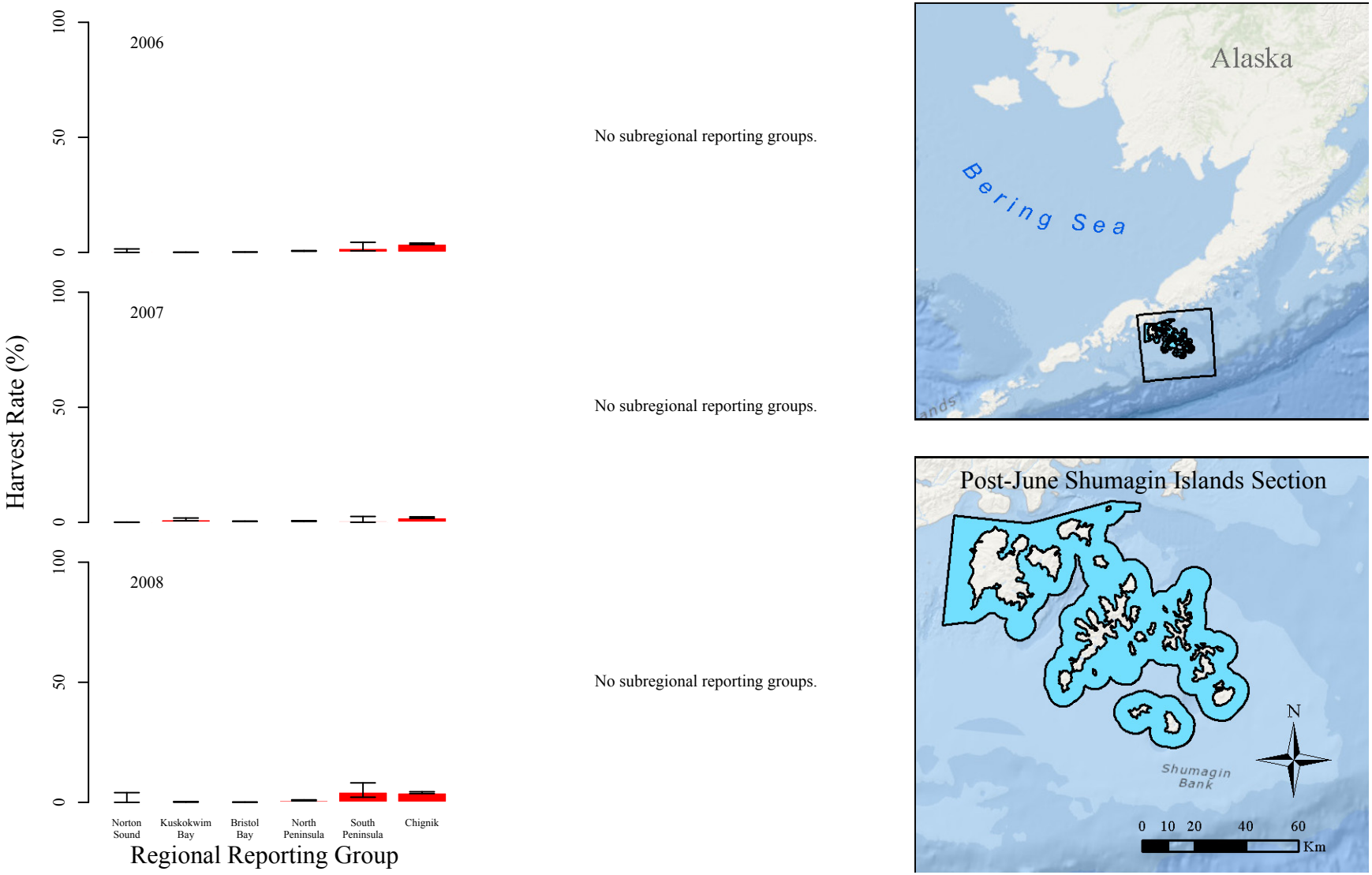

Figure 38.–Median regional reporting group harvest rate estimates (bars) and 90% credibility intervals (whiskers) within years for sockeye salmon sampled from Shumagin Islands Section (post-June), Alaska Peninsula Area, Westward Region (map) from 2006 to 2008 for the Western Alaska Salmon Stock Identification Program.

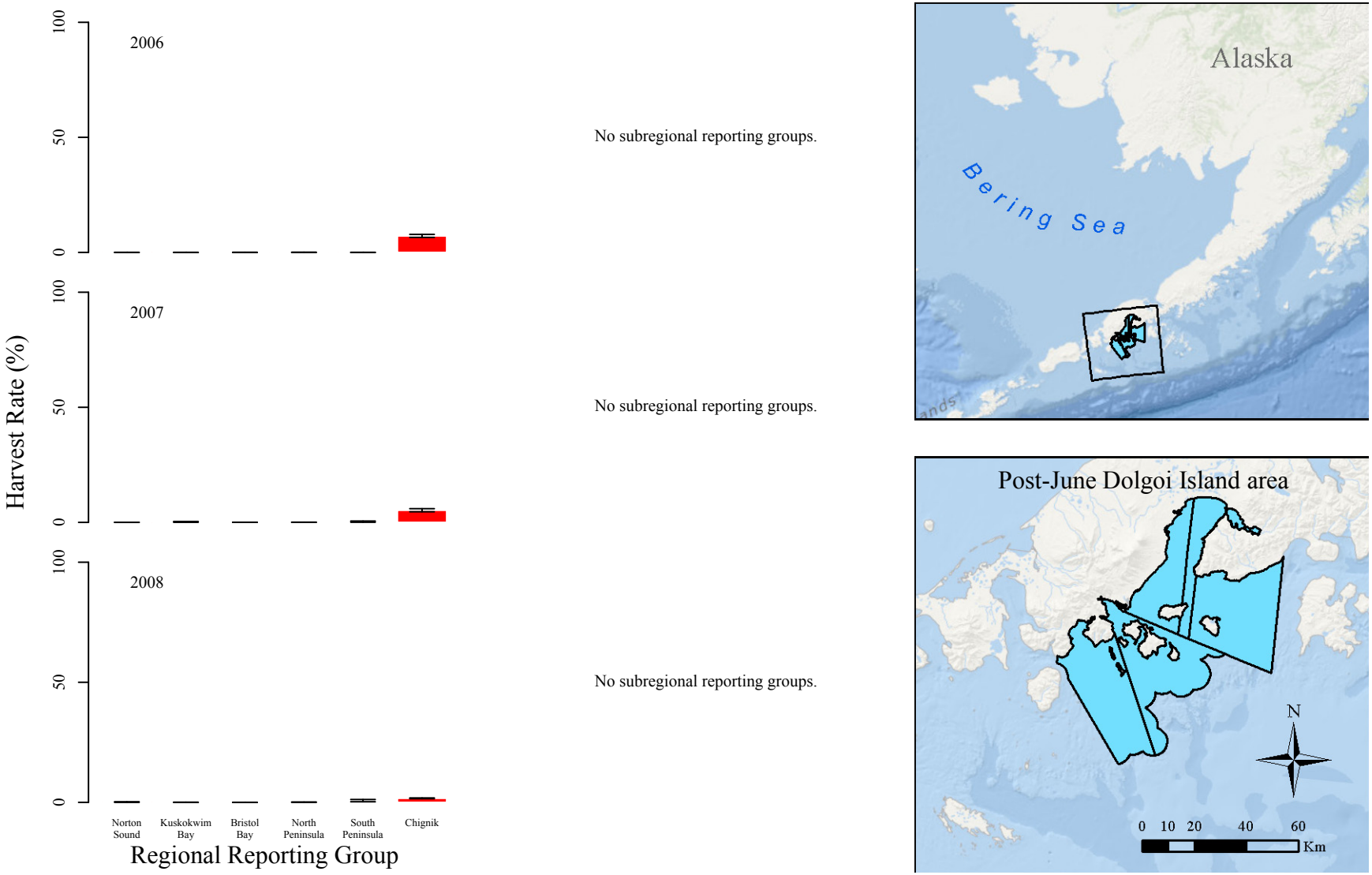

Figure 39.–Median regional reporting group harvest rate estimates (bars) and 90% credibility intervals (whiskers) within years for sockeye salmon sampled from Dolgoi Island area (post-June), Alaska Peninsula Area, Westward Region (map) from 2006 to 2008 for the Western Alaska Salmon Stock Identification Program.

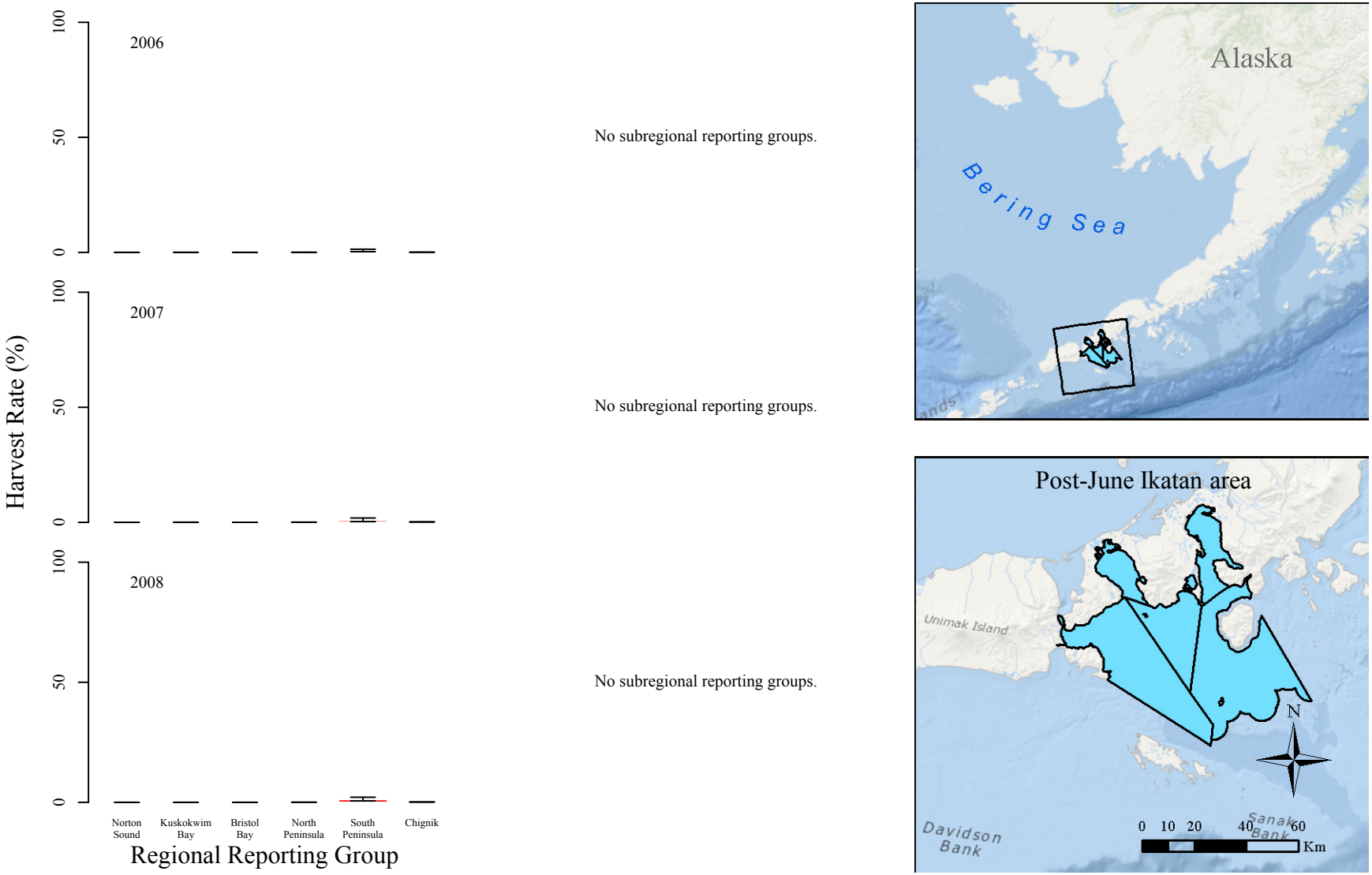

Figure 40.–Median regional reporting group harvest rate estimates (bars) and 90% credibility intervals (whiskers) within years for sockeye salmon sampled from Ikatan area (post-June), Alaska Peninsula Area, Westward Region (map) from 2006 to 2008 for the Western Alaska Salmon Stock Identification Program.

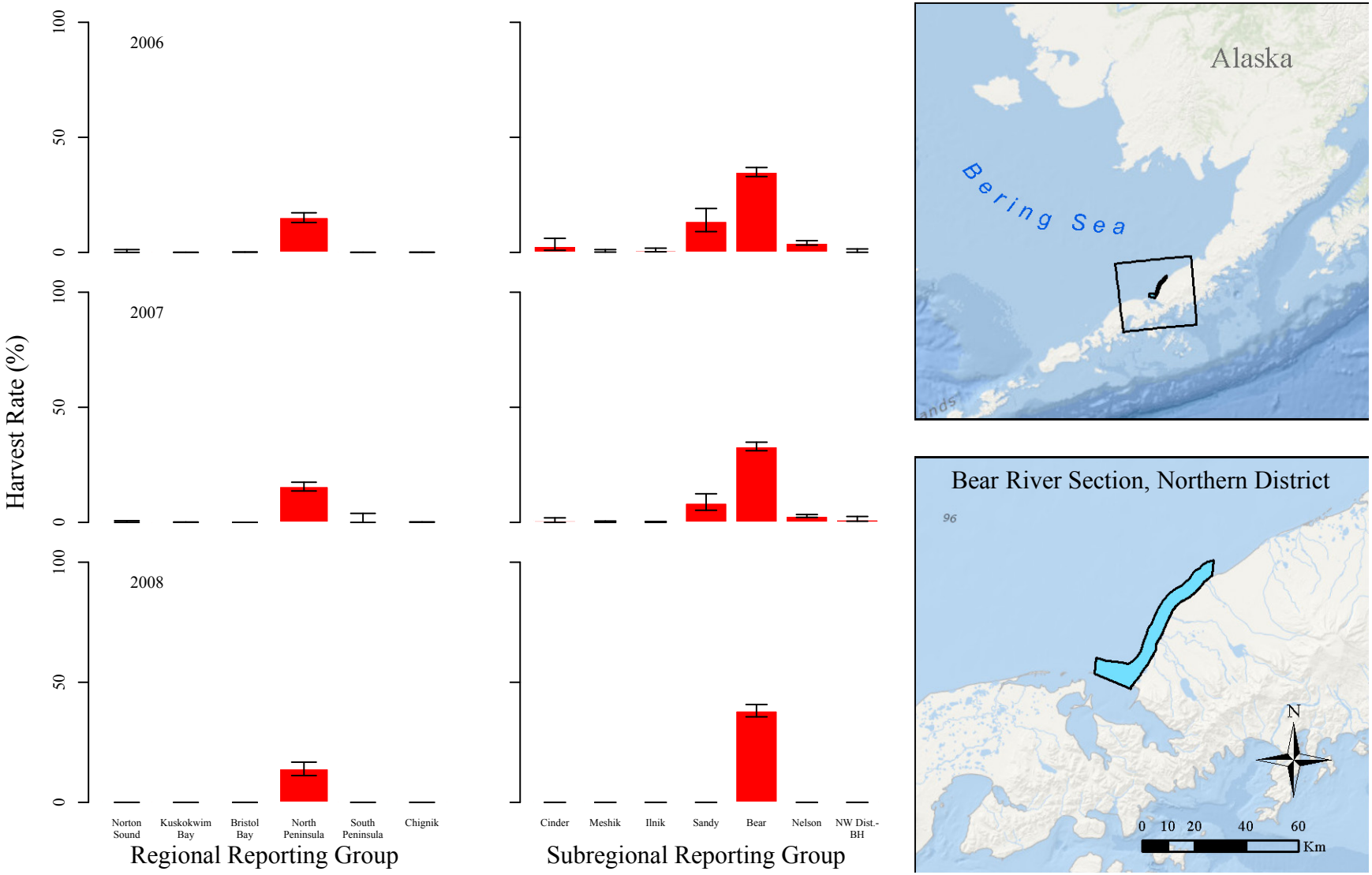

Figure 41.–Median regional and subregional (within North Peninsula) reporting group harvest rate estimates (bars) and 90% credibility intervals (whiskers) within years for sockeye salmon sampled from Bear River Section, Northern District, Westward Region (map) from 2006 to 2008 for the Western Alaska Salmon Stock Identification Program.

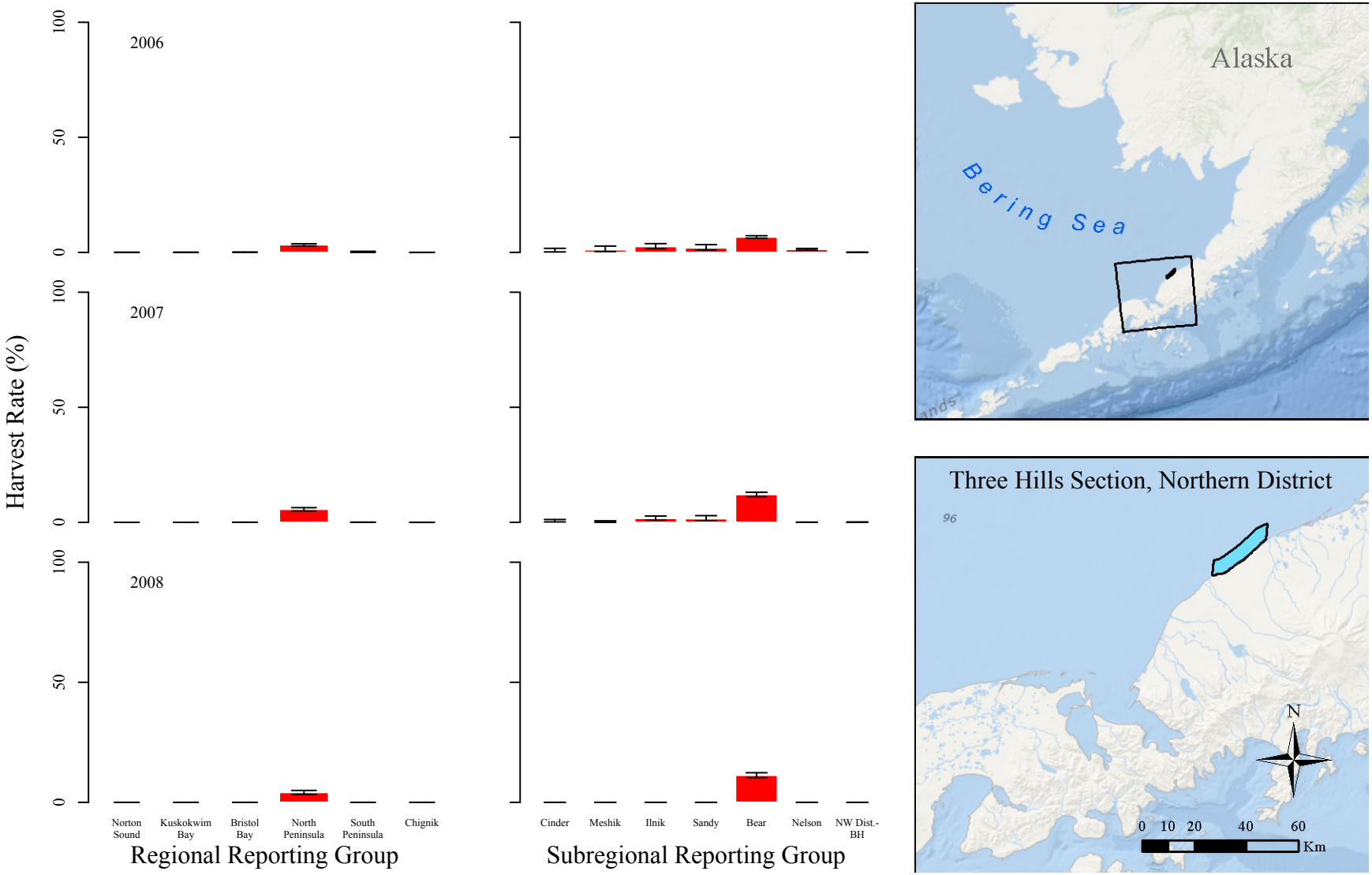

Figure 42.–Median regional and subregional (within North Peninsula) reporting group harvest rate estimates (bars) and 90% credibility intervals (whiskers) within years for sockeye salmon sampled from Three Hills Section, Northern District, Westward Region (map) from 2006 to 2008 for the Western Alaska Salmon Stock Identification Program.

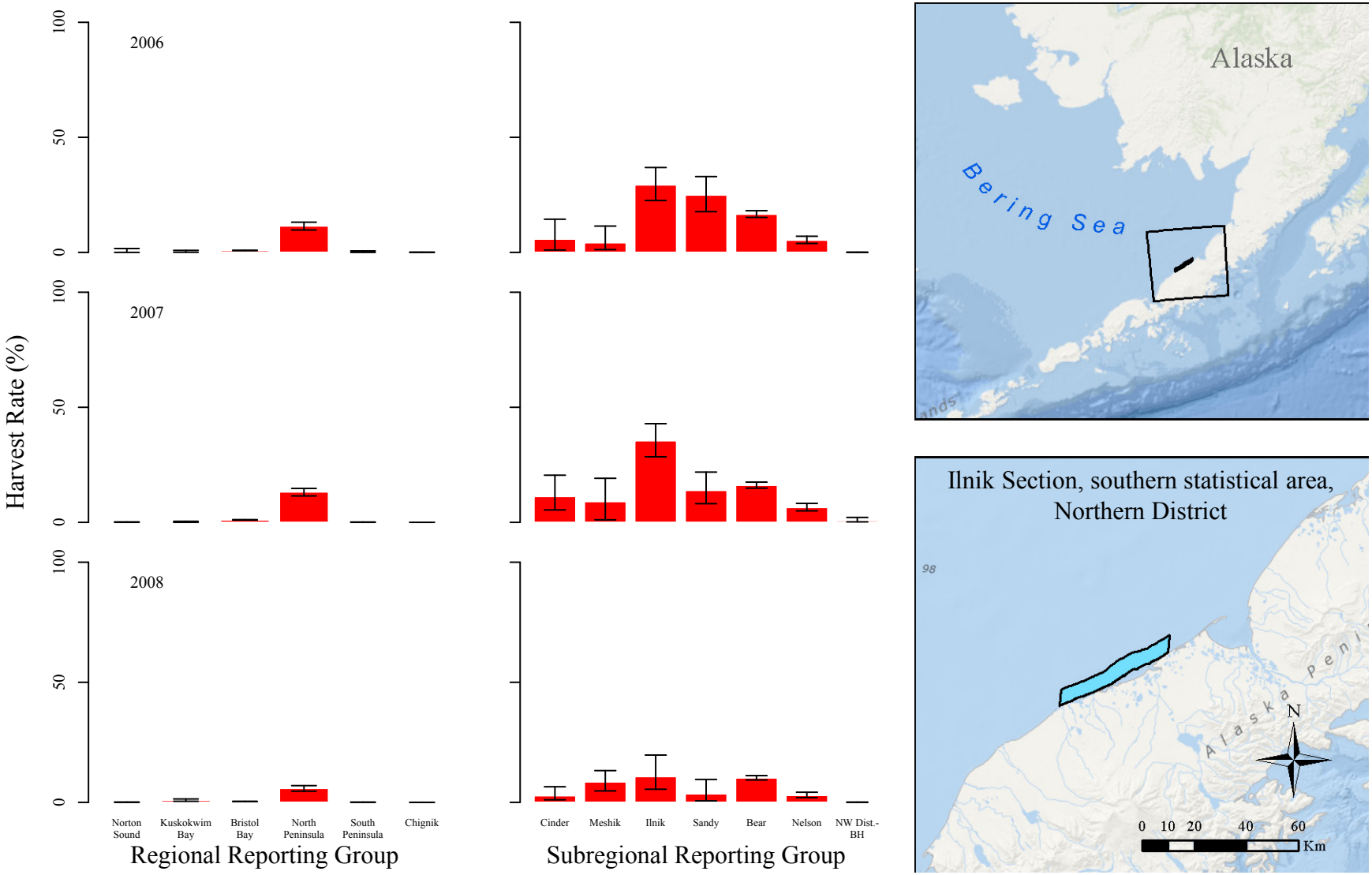

Figure 43.–Median regional and subregional (within North Peninsula) reporting group harvest rate estimates (bars) and 90% credibility intervals (whiskers) within years for sockeye salmon sampled from Ilnik Section, southern statistical area, Northern District, Westward Region (map) from 2006 to 2008 for the Western Alaska Salmon Stock Identification Program.

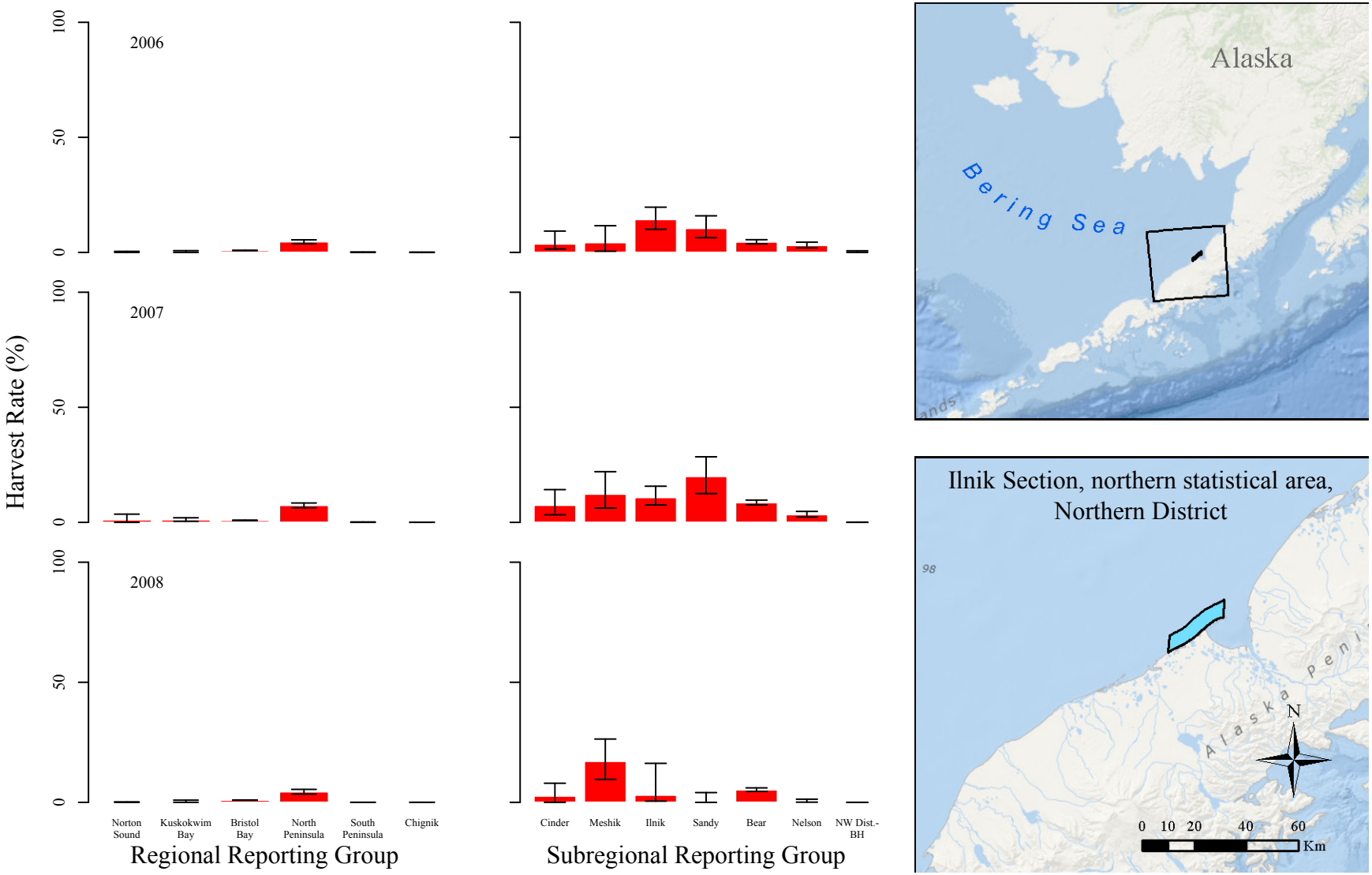

Figure 44.–Median regional and subregional (within North Peninsula) reporting group harvest rate estimates (bars) and 90% credibility intervals (whiskers) within years for sockeye salmon sampled from Ilnik Section, northern statistical area, Northern District, Westward Region (map) from 2006 to 2008 for the Western Alaska Salmon Stock Identification Program.

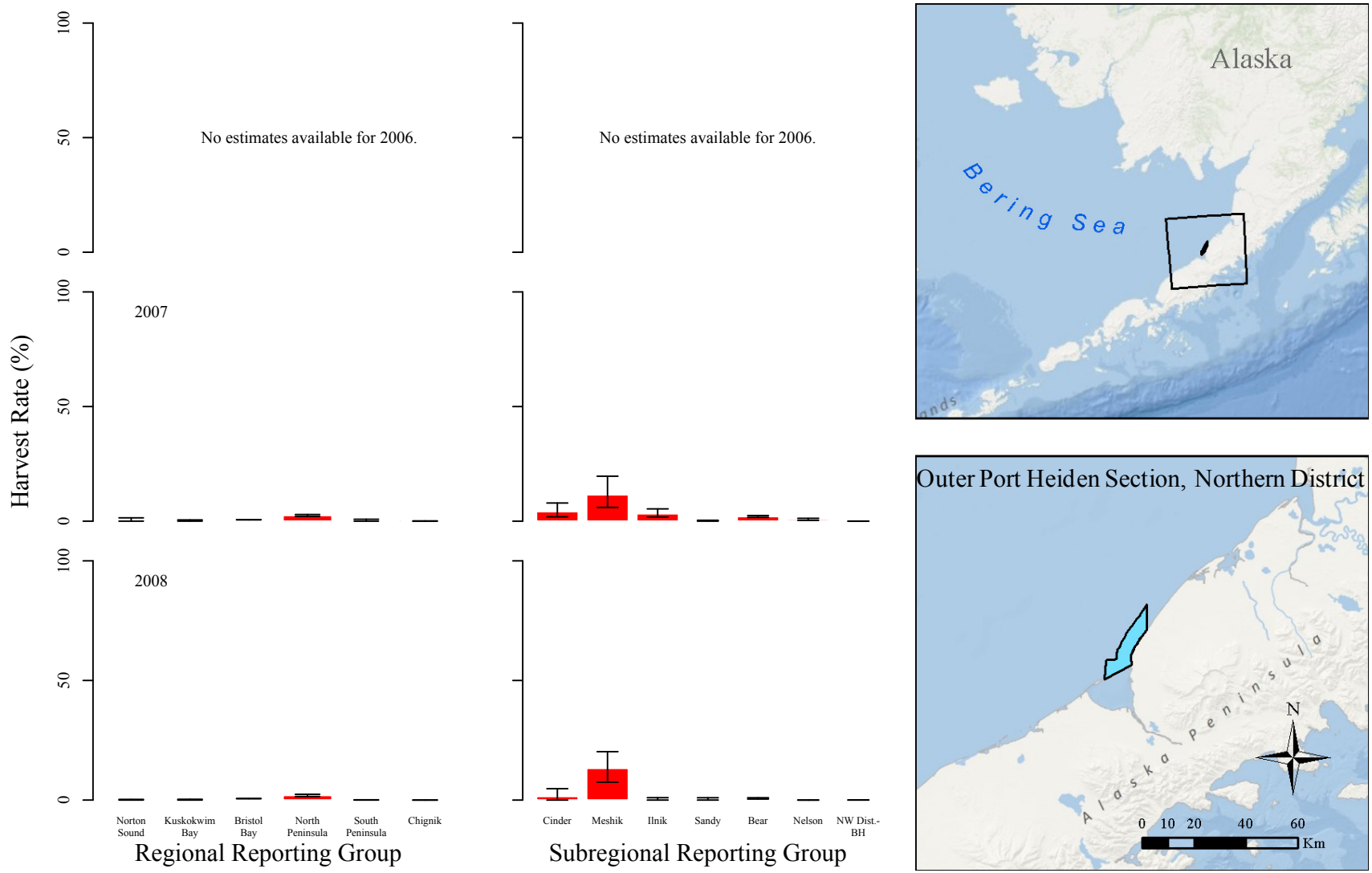

Figure 45.–Median regional and subregional (within North Peninsula) reporting group harvest rate estimates (bars) and 90% credibility intervals (whiskers) within years for sockeye salmon sampled from Outer Port Heiden, Northern District, Westward Region (map) from 2006 to 2008 for the Western Alaska Salmon Stock Identification Program.

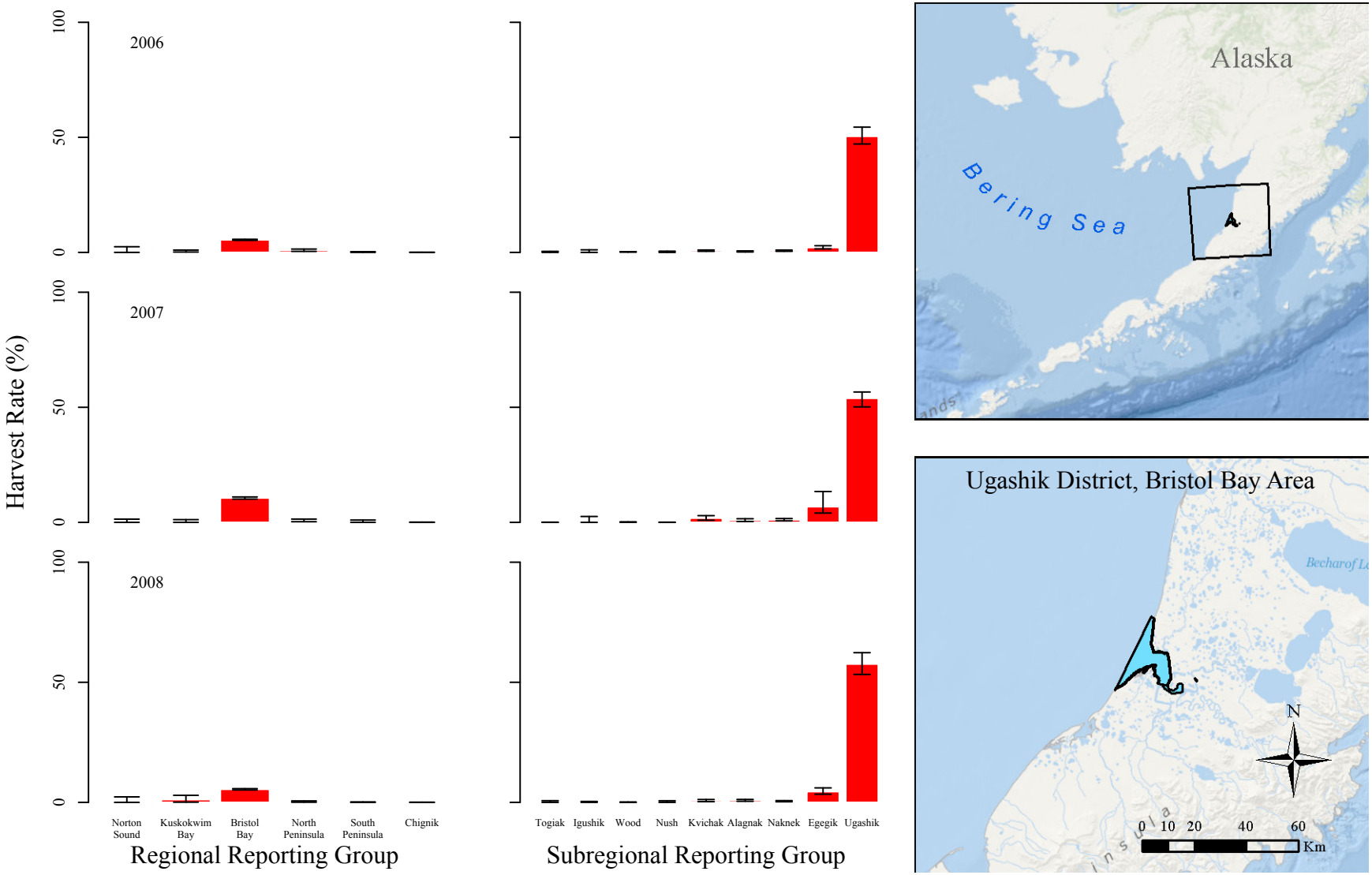

Figure 46.–Median regional and subregional (within Bristol Bay) reporting group harvest rate estimates (bars) and 90% credibility intervals (whiskers) within years for sockeye salmon sampled from Ugashik District, Bristol Bay Area, Central Region (map) from 2006 to 2008 for the Western Alaska Salmon Stock Identification Program.

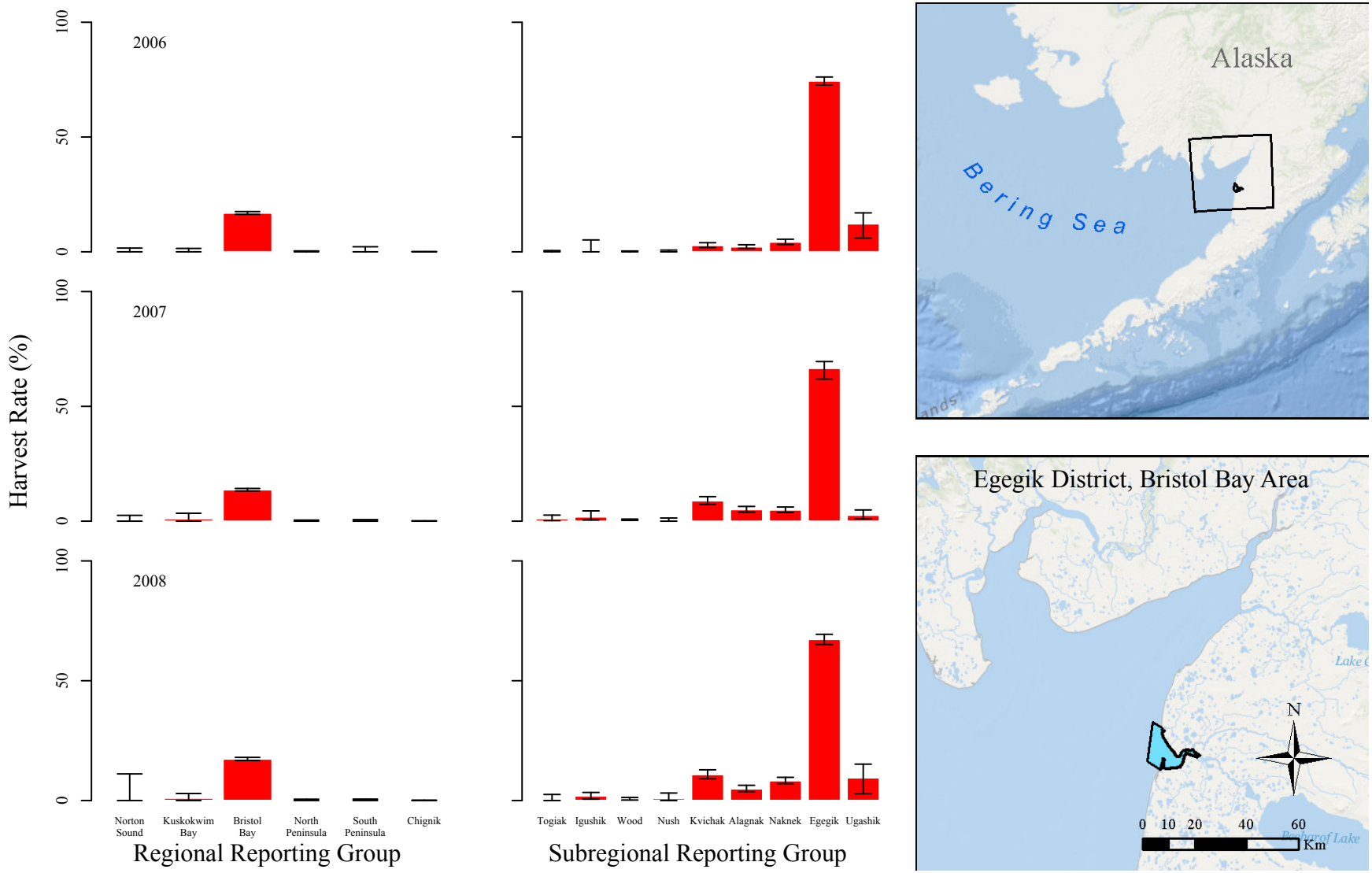

Figure 47.–Median regional and subregional (within Bristol Bay) reporting group harvest rate estimates (bars) and 90% credibility intervals (whiskers) within years for sockeye salmon sampled from Egegik District, Bristol Bay Area, Central Region (map) from 2006 to 2008 for the Western Alaska Salmon Stock Identification Program.

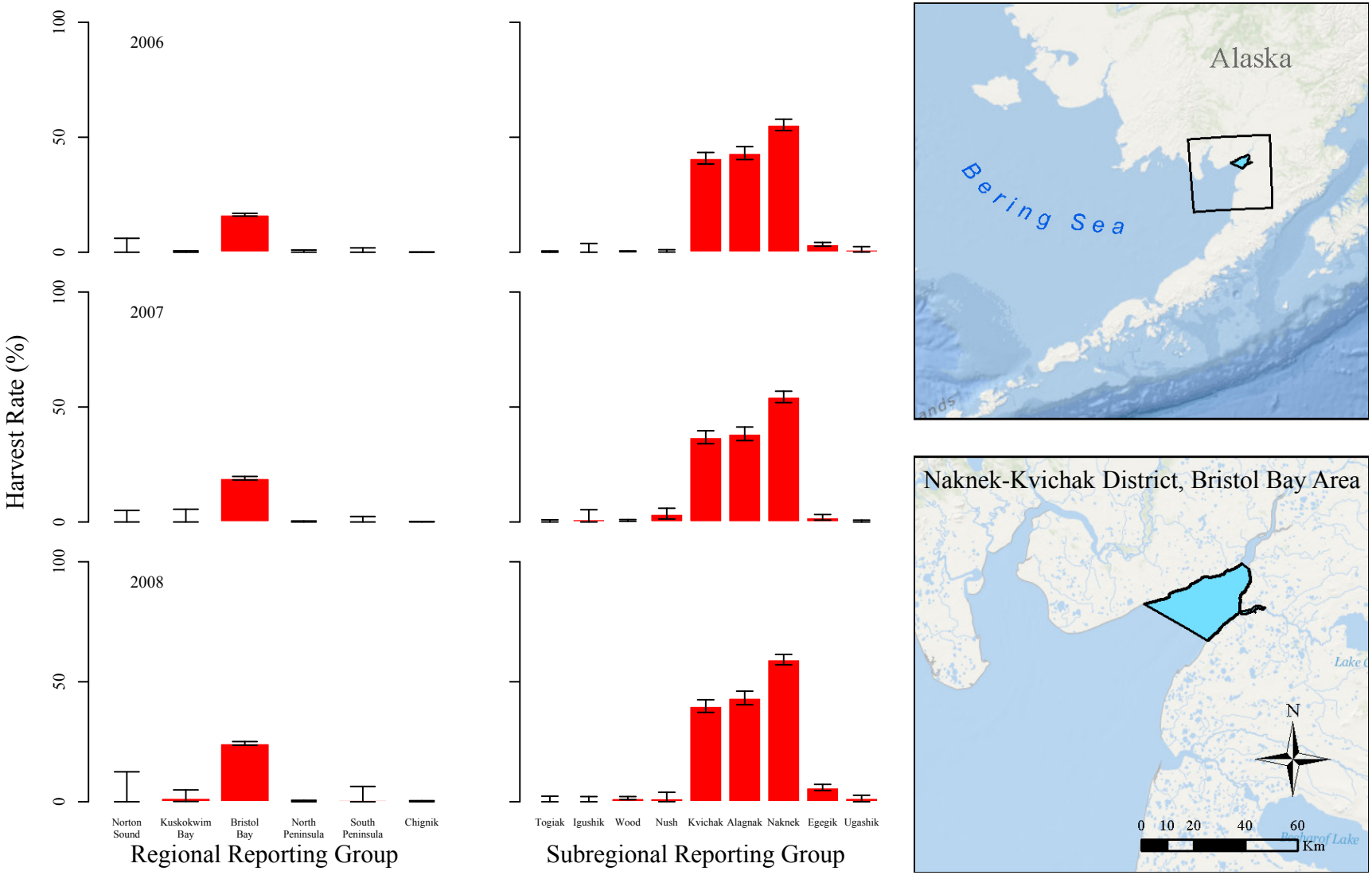

Figure 48.–Median regional and subregional (within Bristol Bay) reporting group harvest rate estimates (bars) and 90% credibility intervals (whiskers) within years for sockeye salmon sampled from Naknek-Kvichak District, Bristol Bay Area, Central Region (map) from 2006 to 2008 for the Western Alaska Salmon Stock Identification Program.

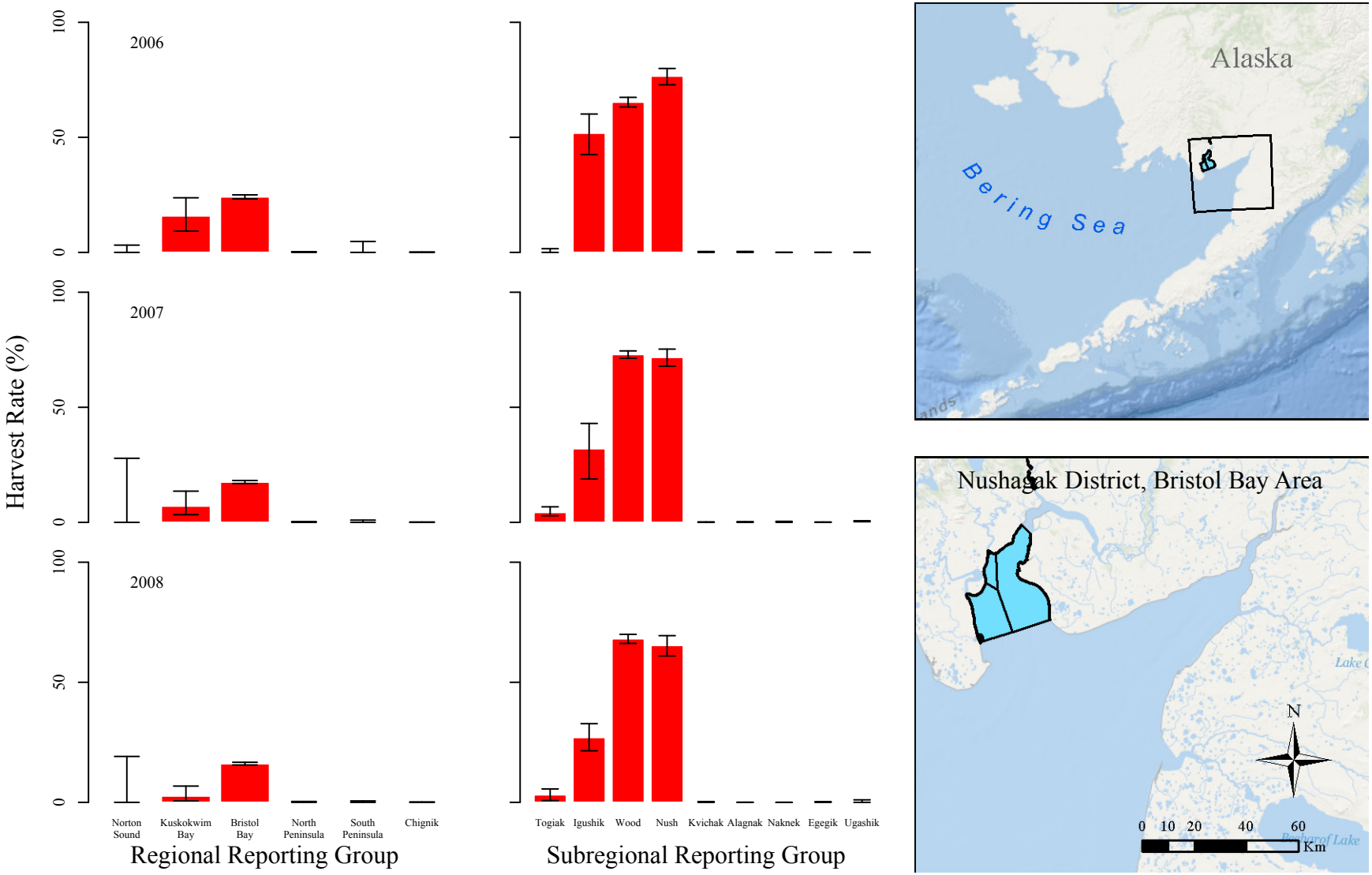

Figure 49.–Median regional and subregional (within Bristol Bay) reporting group harvest rate estimates (bars) and 90% credibility intervals (whiskers) within years for sockeye salmon sampled from Nushagak District, Bristol Bay Area, Central Region (map) from 2006 to 2008 for the Western Alaska Salmon Stock Identification Program.

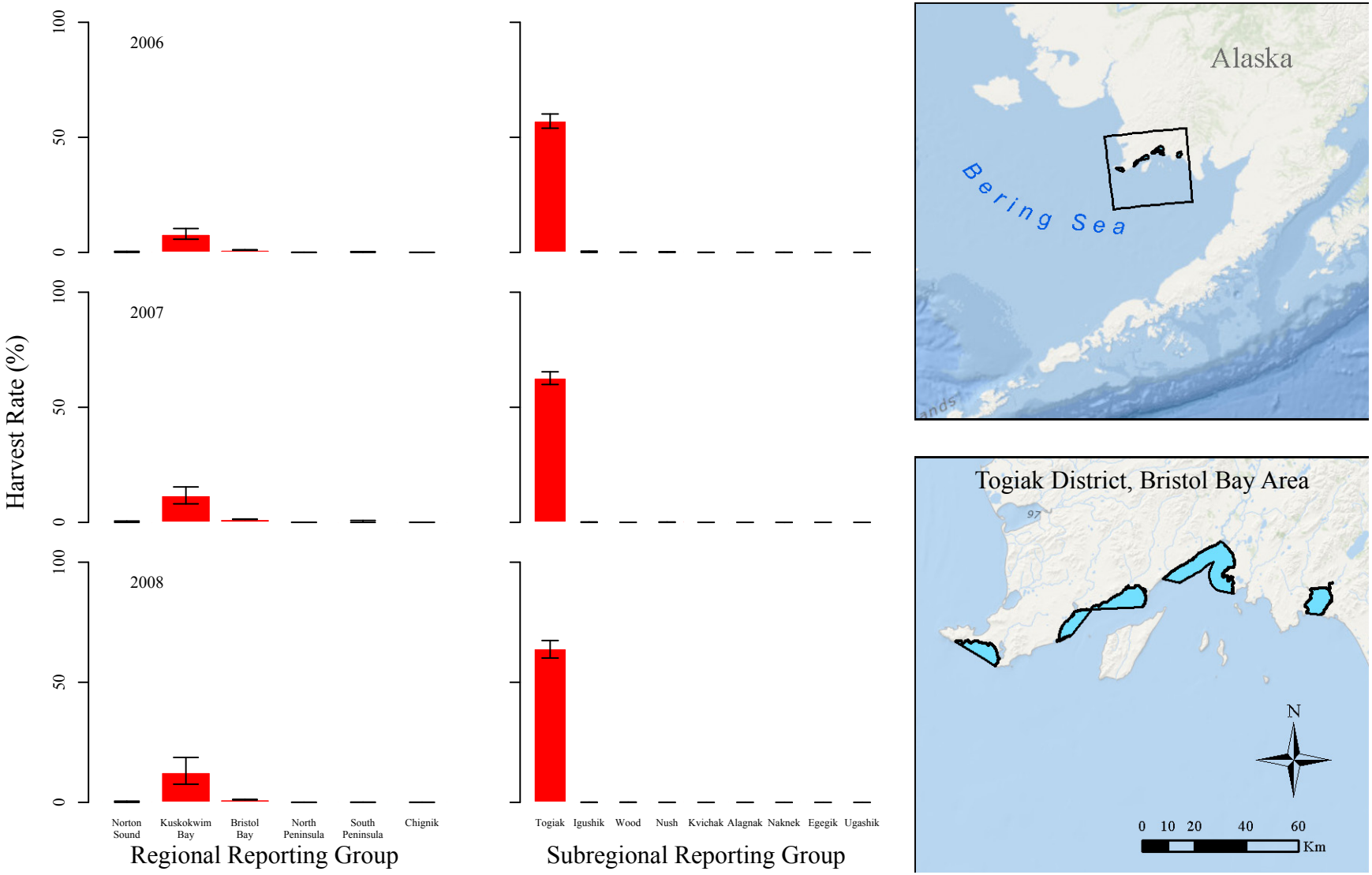

Figure 50.–Median regional and subregional (within Bristol Bay) reporting group harvest rate estimates (bars) and 90% credibility intervals (whiskers) within years for sockeye salmon sampled from Togiak District, Bristol Bay Area, Central Region (map) from 2006 to 2008 for the Western Alaska Salmon Stock Identification Program.

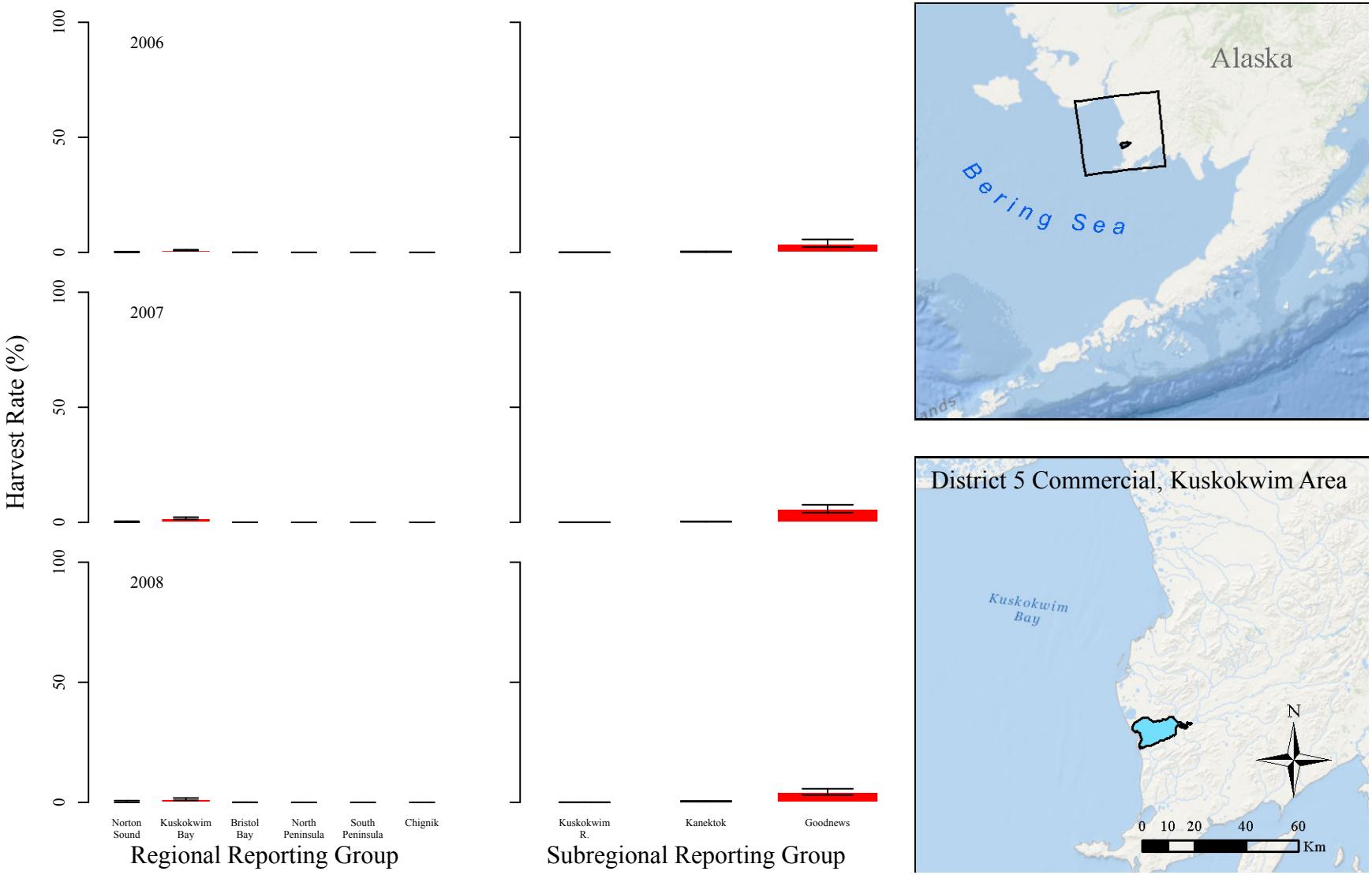

Figure 51.–Median regional and subregional (within Kuskokwim Bay) reporting group harvest rate estimates (bars) and 90% credibility intervals (whiskers) within years for sockeye salmon sampled from District 5 Commercial, Kuskokwim Area, Arctic–Yukon–Kuskokwim Region (map) from 2006 to 2008 for the Western Alaska Salmon Stock Identification Program.

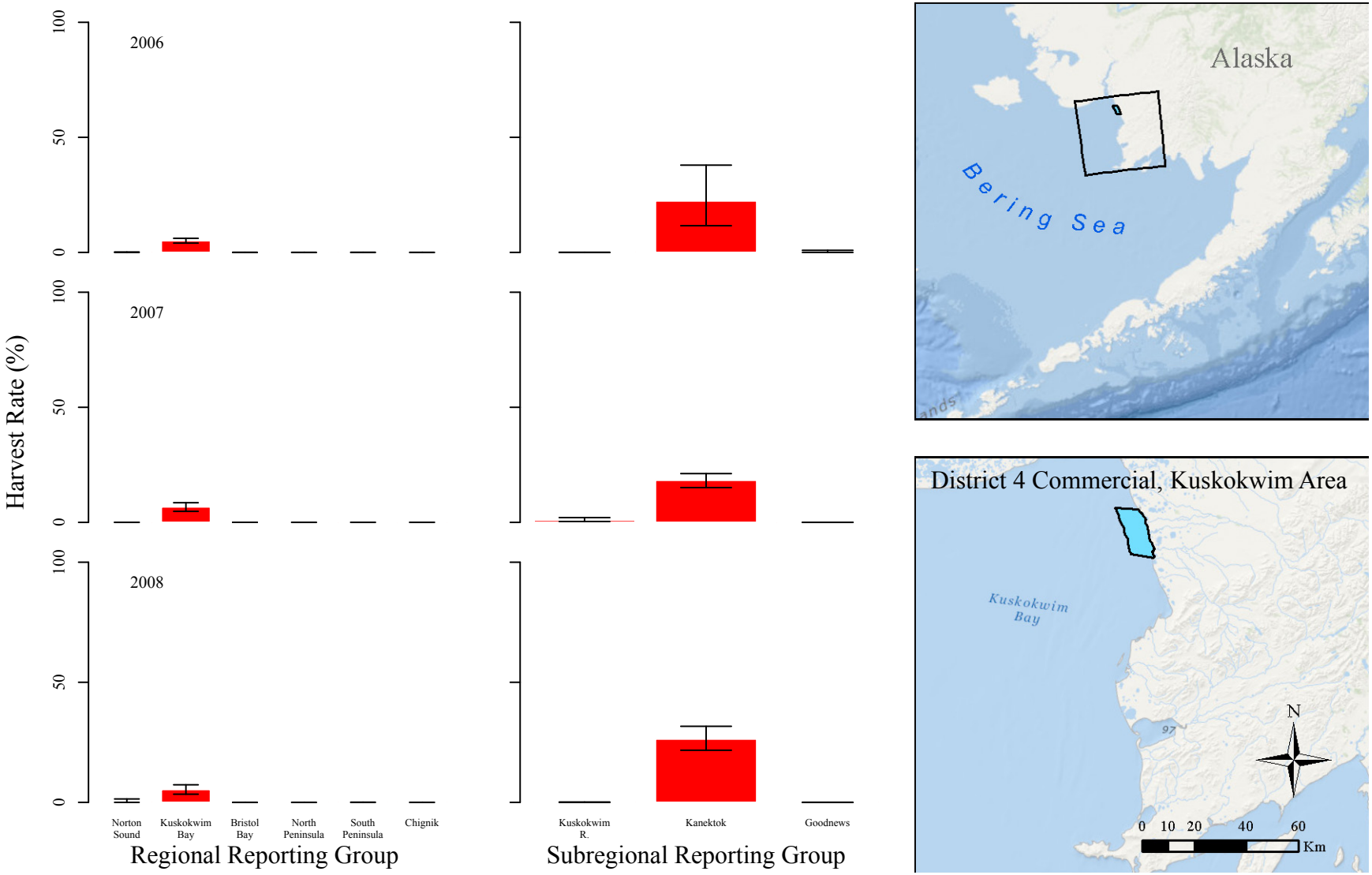

Figure 52.–Median regional and subregional (within Kuskokwim Bay) reporting group harvest rate estimates (bars) and 90% credibility intervals (whiskers) within years for sockeye salmon sampled from District 4 Commercial, Kuskokwim Area, Arctic–Yukon–Kuskokwim Region (map) from 2006 to 2008 for the Western Alaska Salmon Stock Identification Program.

FIGURES 53–75: HARVEST RATE OF A SUBREGIONAL REPORTING GROUP BY FISHERY

WHAT PROPORTION OF THE RUN OF A GIVEN STOCK WAS HARVESTED IN EACH BROAD-SCALE FISHERY?

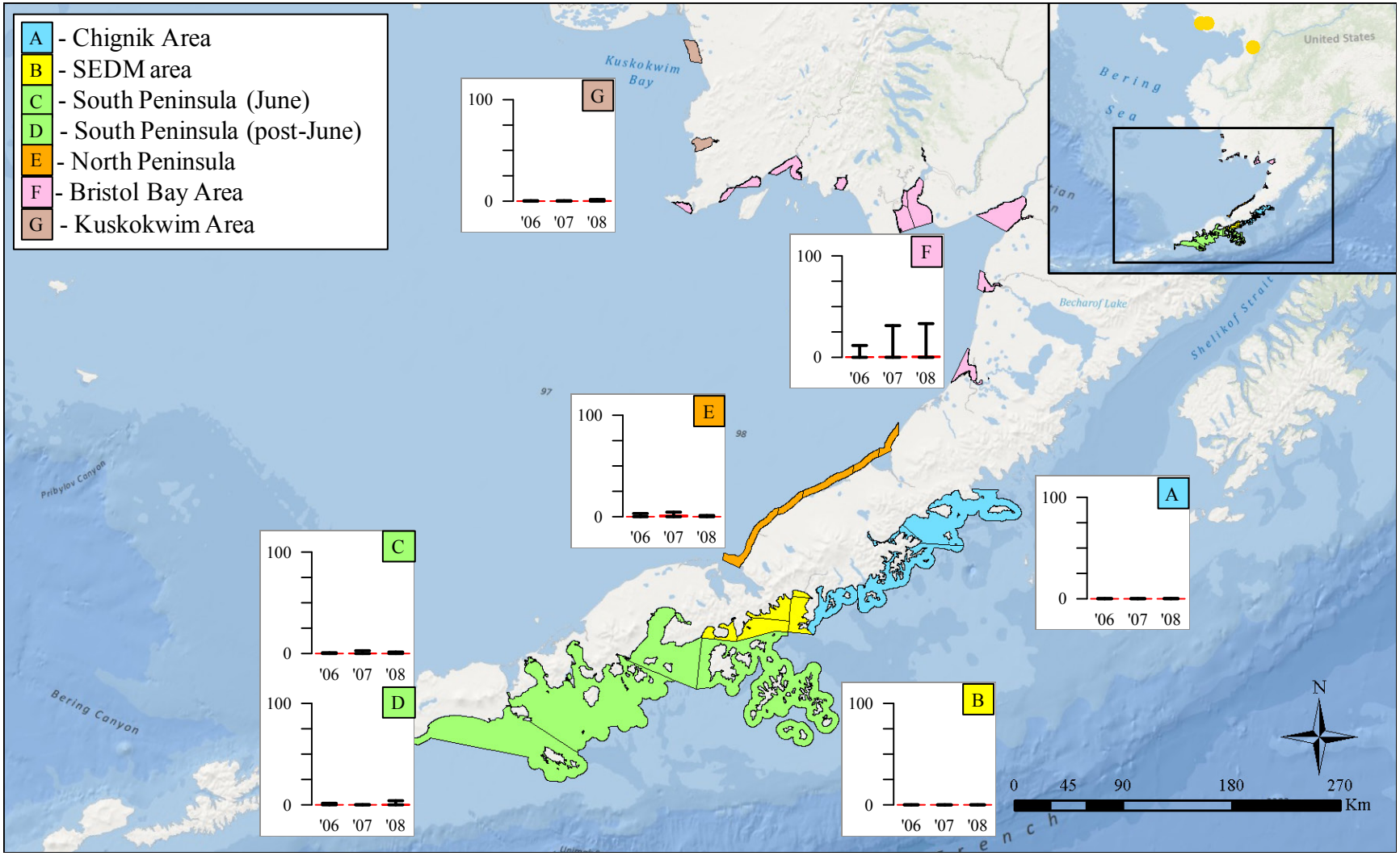

Figure 53.–Median harvest rates (bars) and 90% credibility intervals (whiskers) of sockeye salmon from the Norton Sound reporting group by fishery from 2006 to 2008 for the Western Alaska Salmon Stock Identification Program. Circles indicate populations in the Norton Sound reporting group.

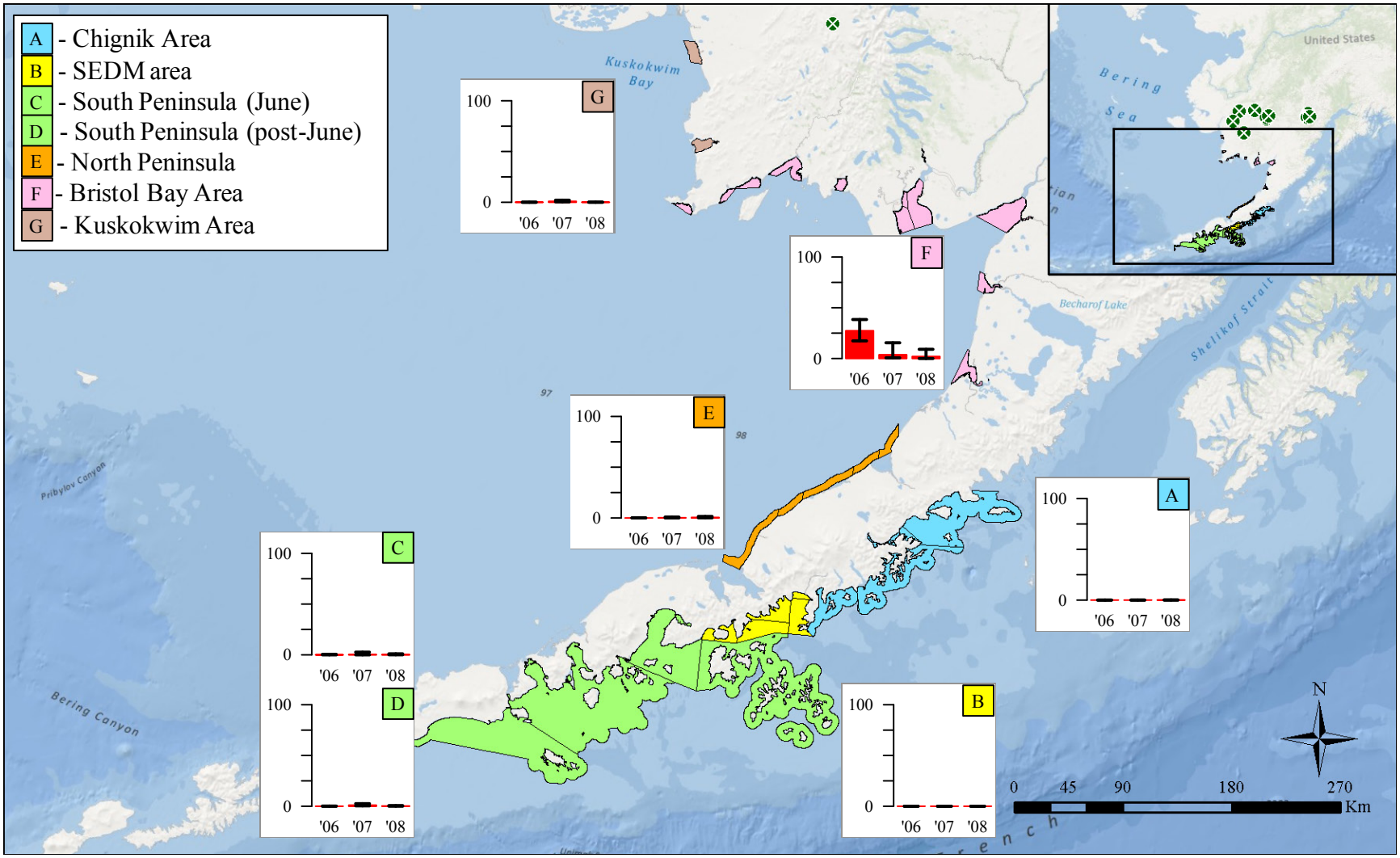

Figure 54.–Median harvest rates (bars) and 90% credibility intervals (whiskers) of sockeye salmon from the Kuskokwim River reporting group by fishery from 2006 to 2008 for the Western Alaska Salmon Stock Identification Program. Circles indicate populations in the Kuskokwim River reporting group.

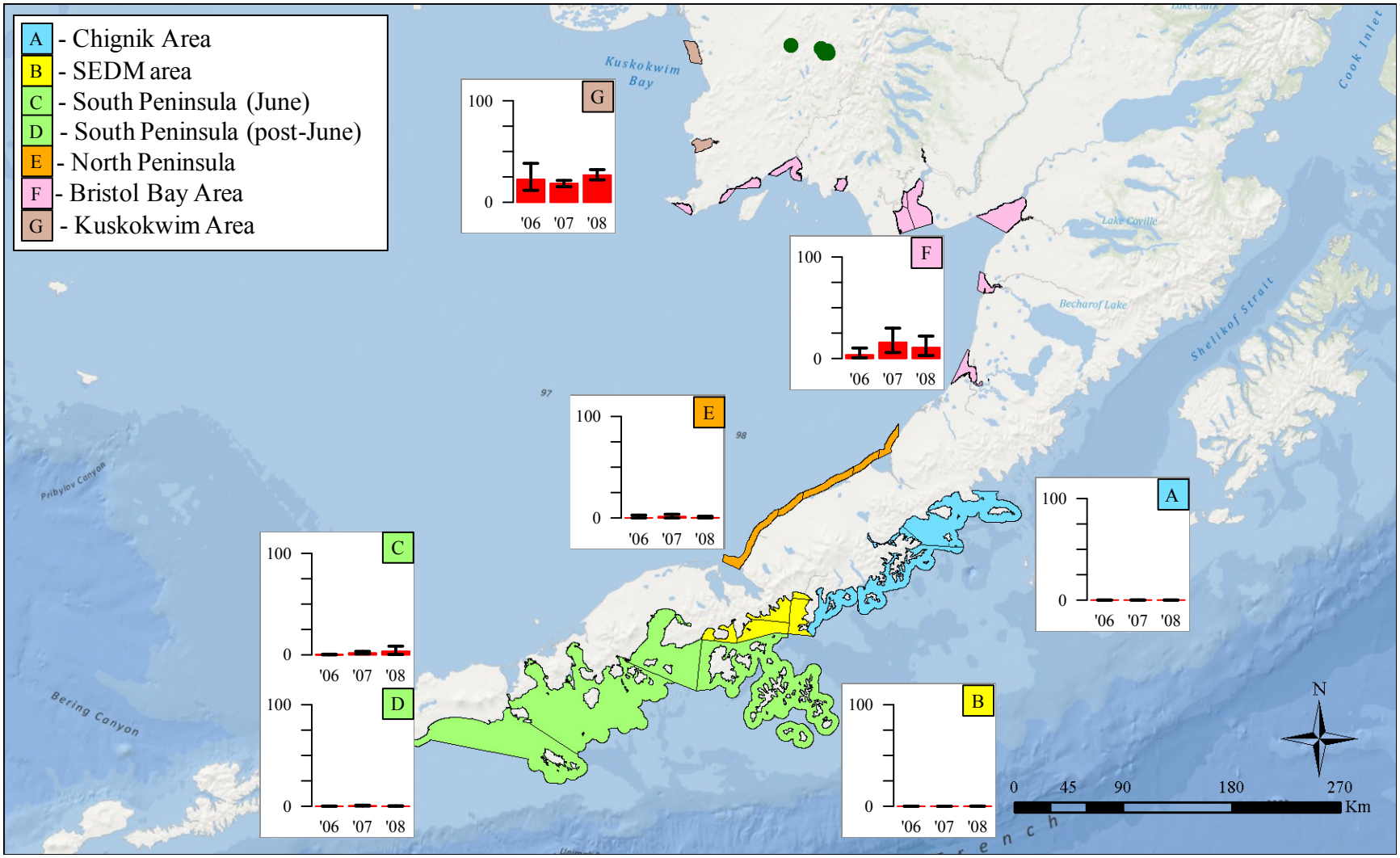

Figure 55.–Median harvest rates (bars) and 90% credibility intervals (whiskers) of sockeye salmon from the Kanektok reporting group by fishery from 2006 to 2008 for the Western Alaska Salmon Stock Identification Program. Circles indicate populations in the Kanektok reporting group.

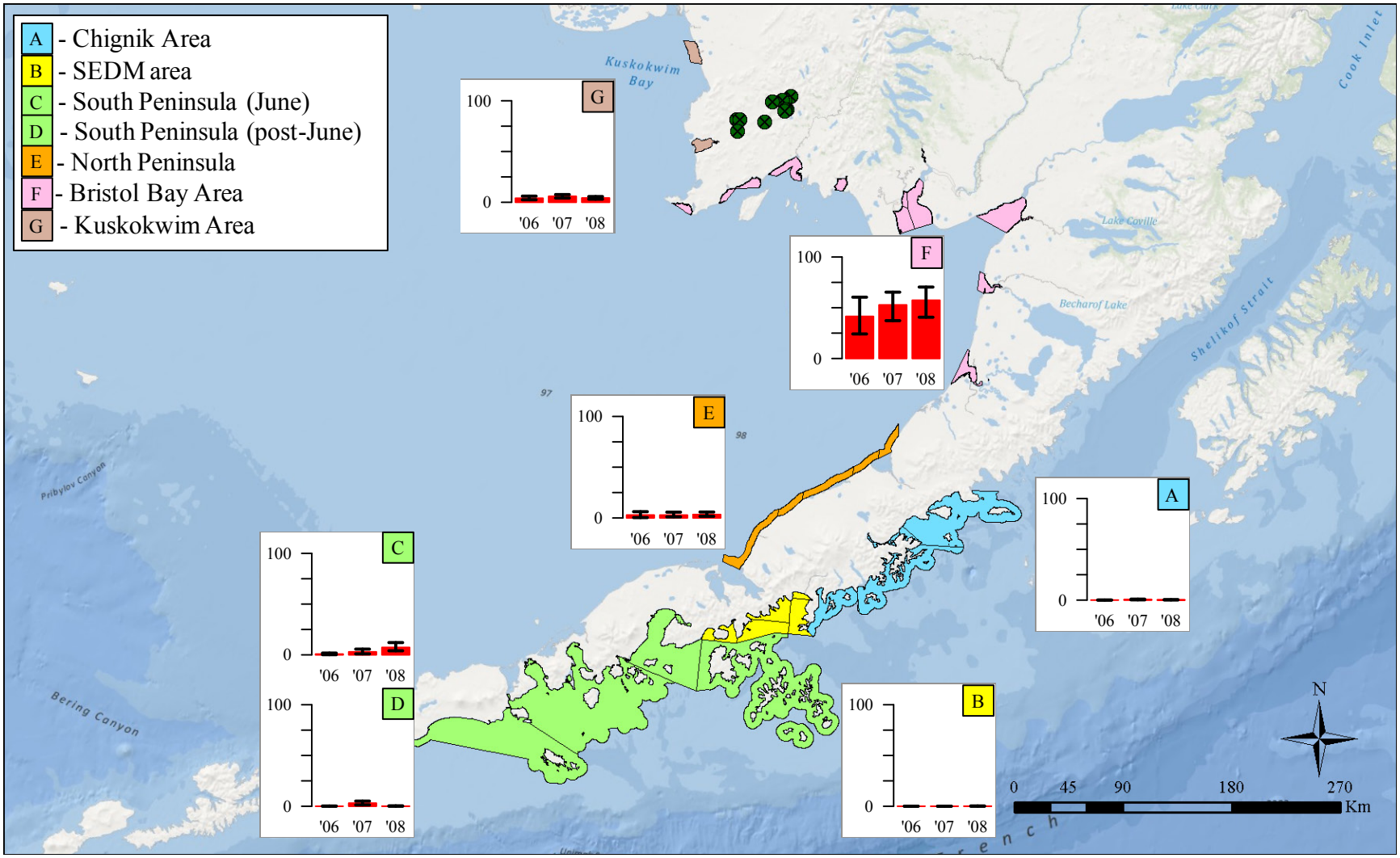

Figure 56.–Median harvest rates (bars) and 90% credibility intervals (whiskers) of sockeye salmon from the Goodnews reporting group by fishery from 2006 to 2008 for the Western Alaska Salmon Stock Identification Program. Circles indicate populations in the Goodnews reporting group.

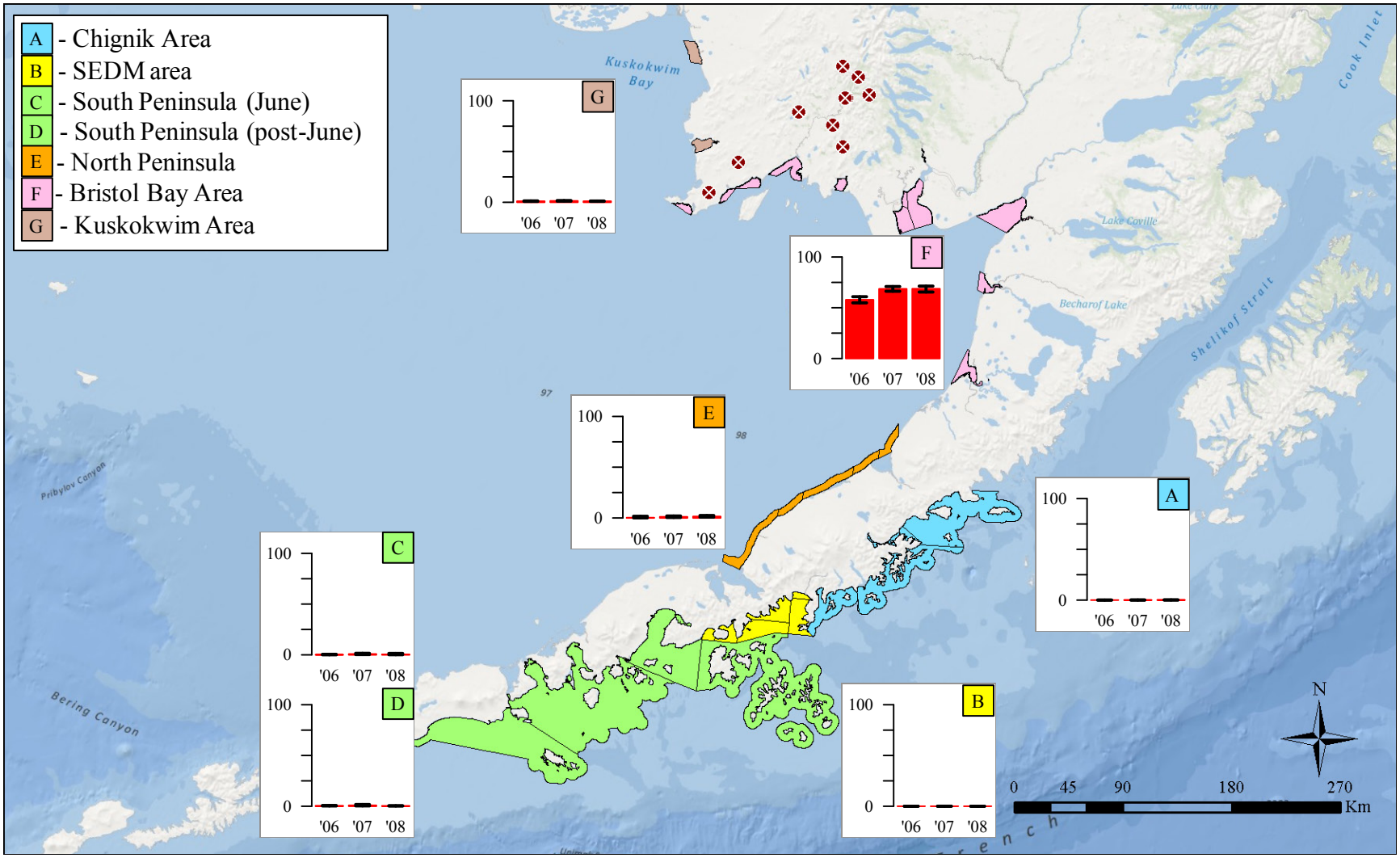

Figure 57.–Median harvest rates (bars) and 90% credibility intervals (whiskers) of sockeye salmon from the Togiak reporting group by fishery from 2006 to 2008 for the Western Alaska Salmon Stock Identification Program. Circles indicate populations in the Togiak reporting group.

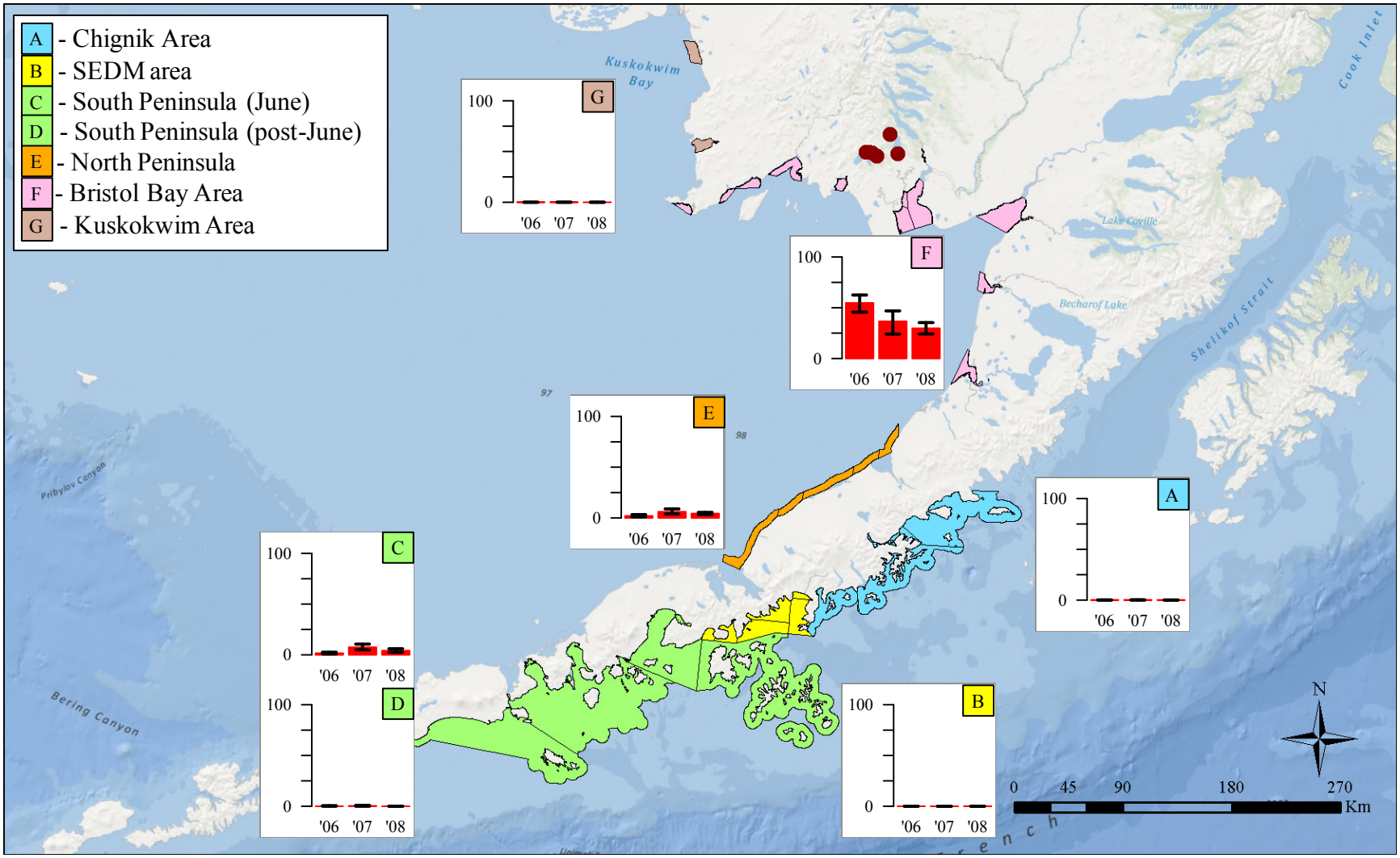

Figure 58.–Median harvest rates (bars) and 90% credibility intervals (whiskers) of sockeye salmon from the Igushik reporting group by fishery from 2006 to 2008 for the Western Alaska Salmon Stock Identification Program. Circles indicate populations in the Igushik reporting group.

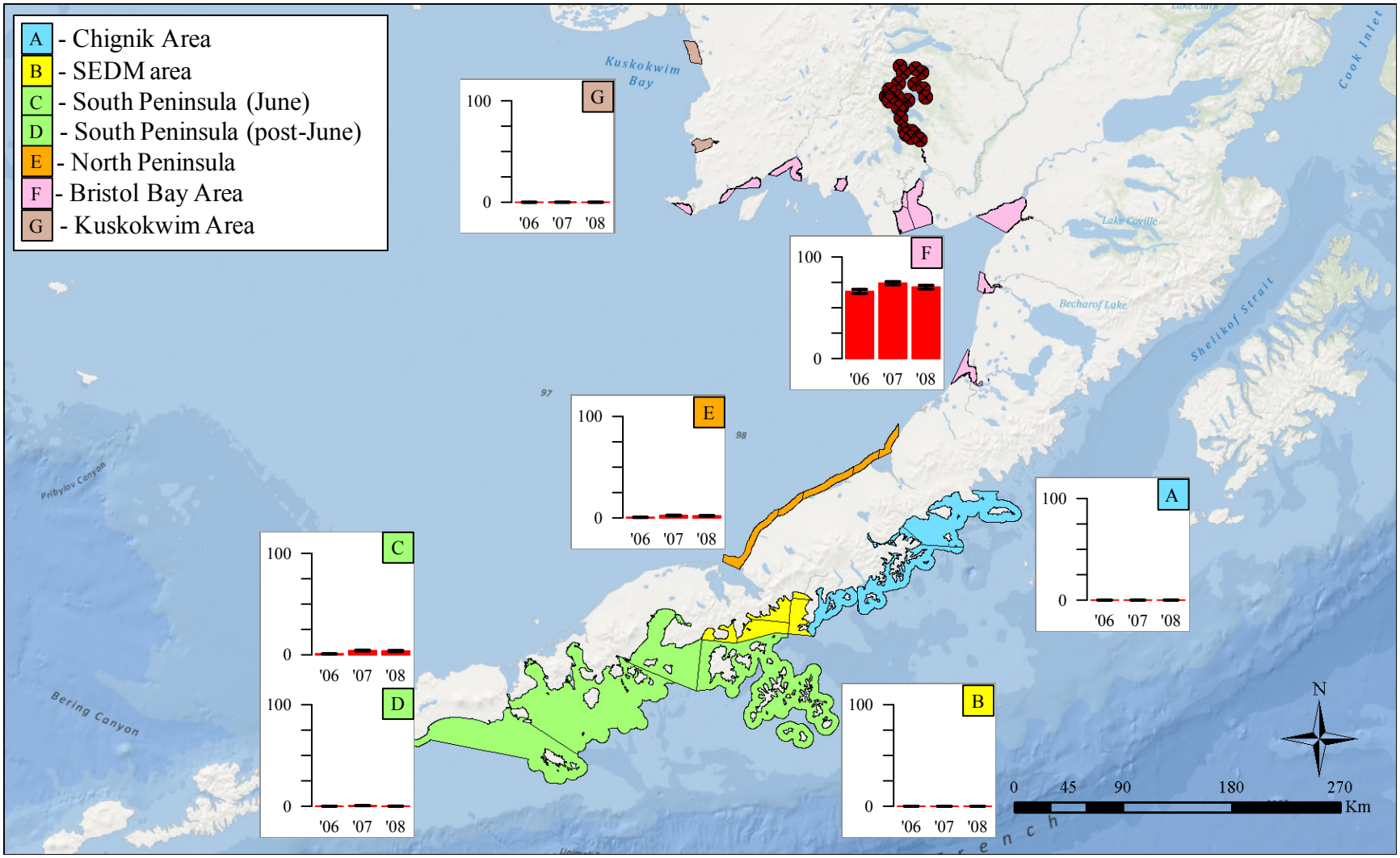

Figure 59.–Median harvest rates (bars) and 90% credibility intervals (whiskers) of sockeye salmon from the Wood reporting group by fishery from 2006 to 2008 for the Western Alaska Salmon Stock Identification Program. Circles indicate populations in the Wood reporting group.

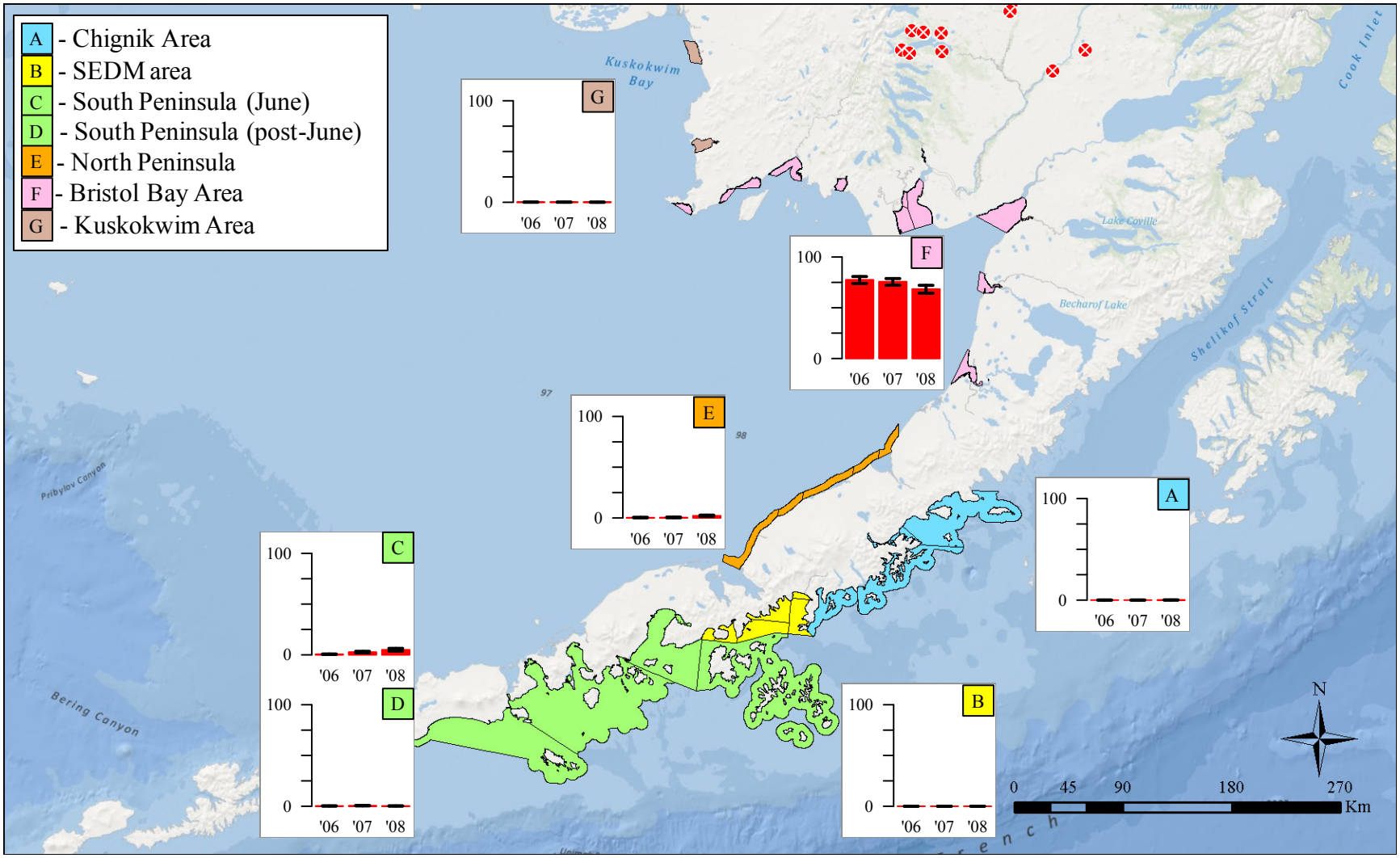

Figure 60.–Median harvest rates (bars) and 90% credibility intervals (whiskers) of sockeye salmon from the Nushagak reporting group by fishery from 2006 to 2008 for the Western Alaska Salmon Stock Identification Program. Circles indicate populations in the Nushagak reporting group.

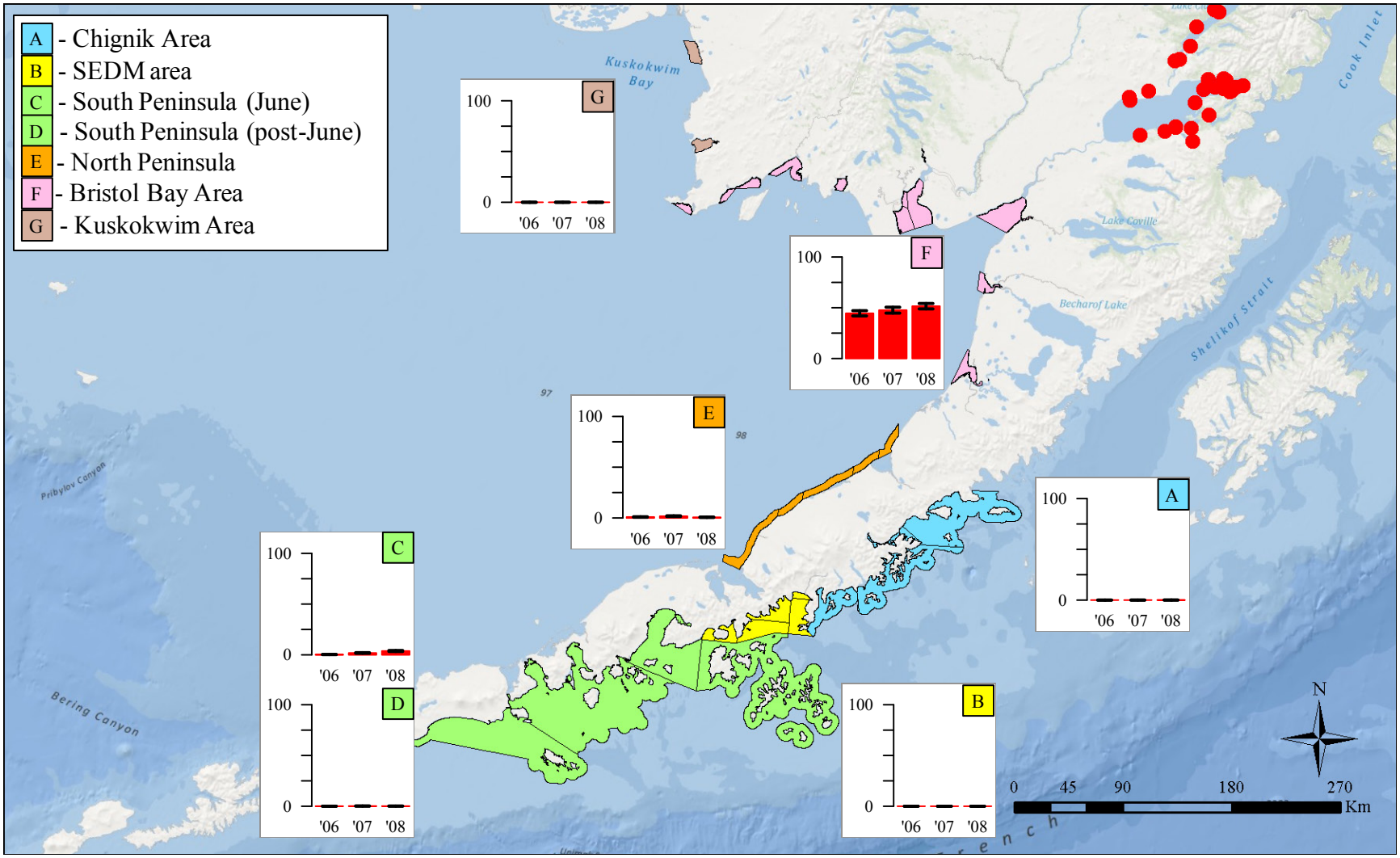

Figure 61.–Median harvest rates (bars) and 90% credibility intervals (whiskers) of sockeye salmon from the Kvichak reporting group by fishery from 2006 to 2008 for the Western Alaska Salmon Stock Identification Program. Circles indicate populations in the Kvichak reporting group.

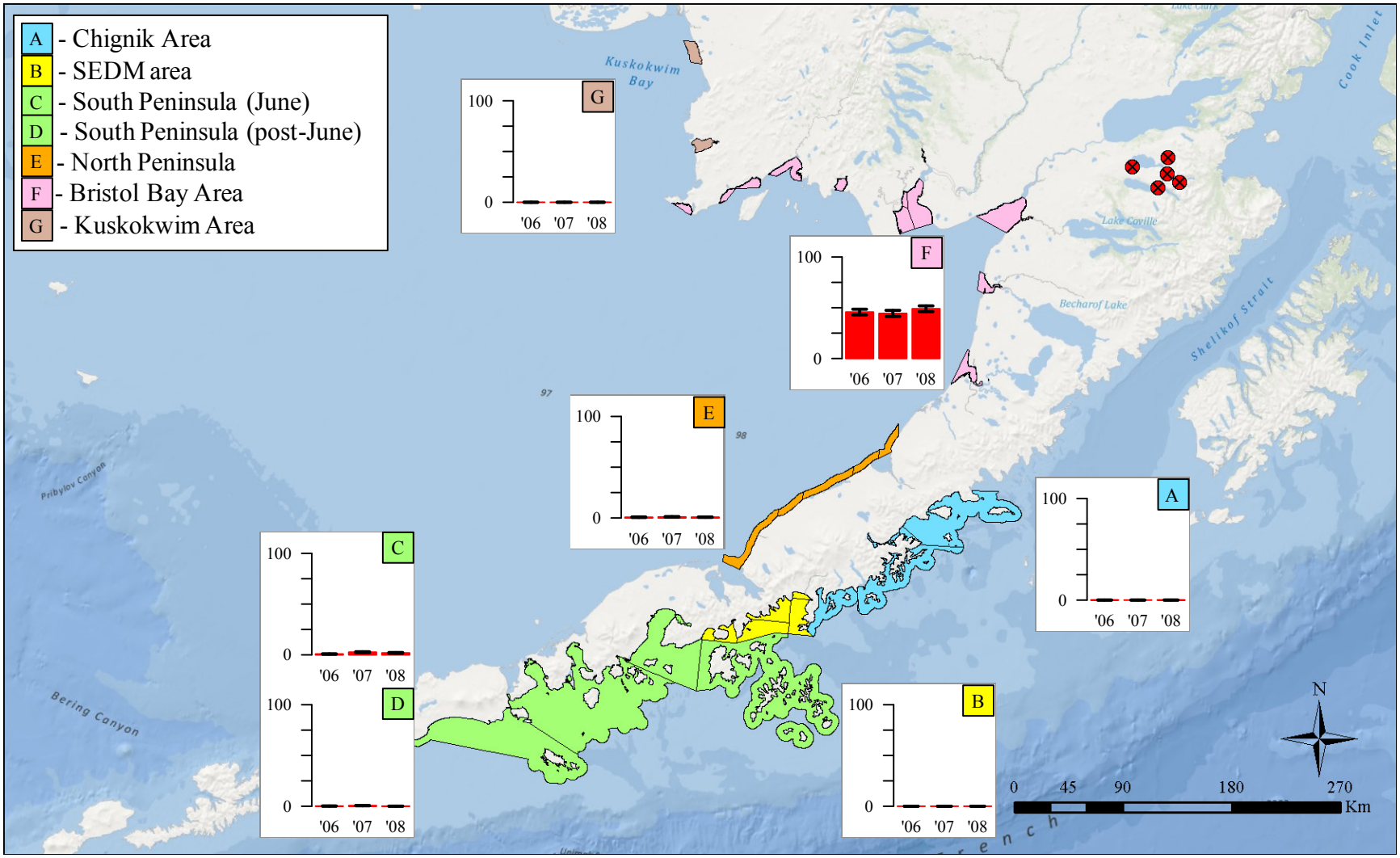

Figure 62.–Median harvest rates (bars) and 90% credibility intervals (whiskers) of sockeye salmon from the Alagnak reporting group by fishery from 2006 to 2008 for the Western Alaska Salmon Stock Identification Program. Circles indicate populations in the Alagnak reporting group.

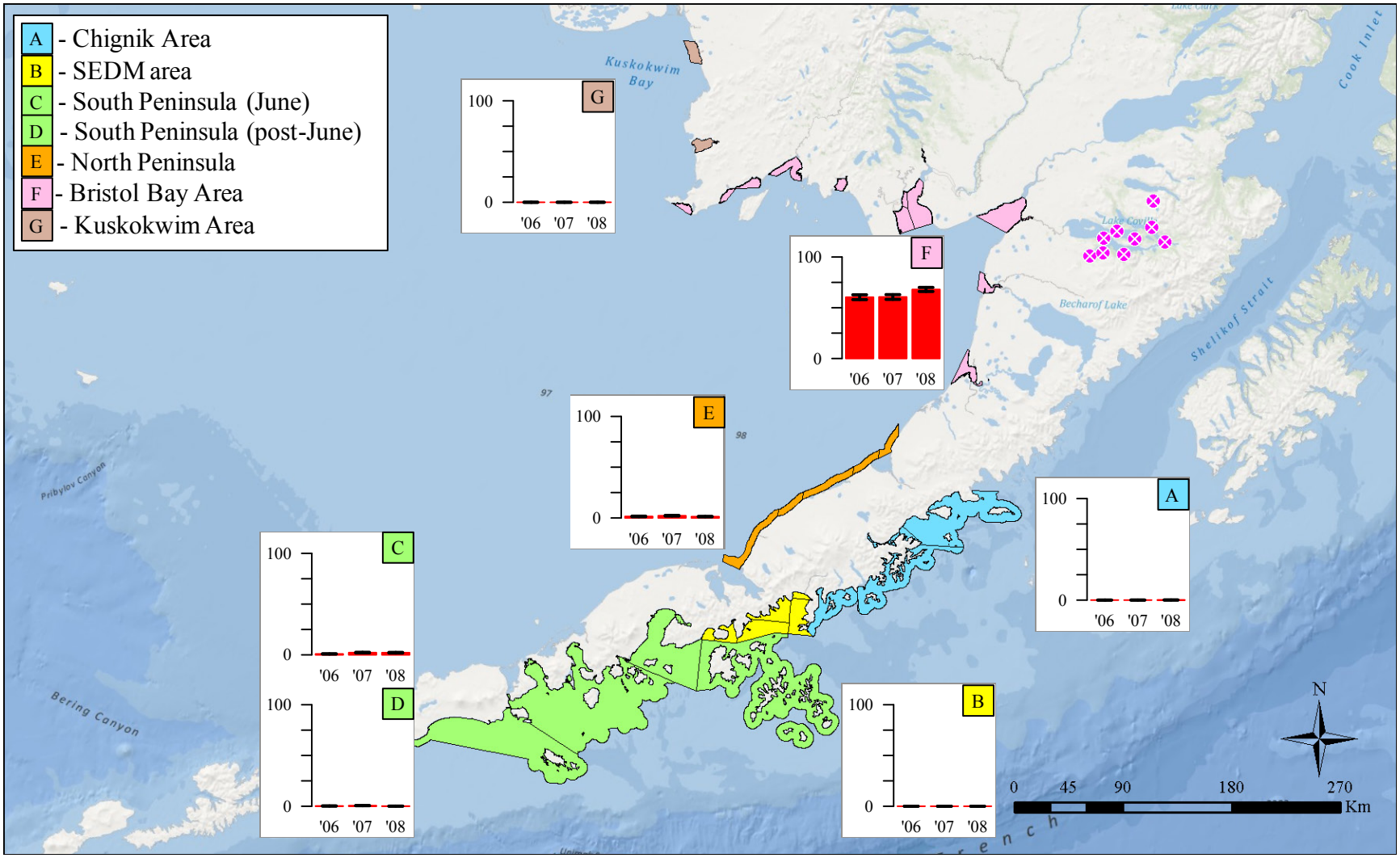

Figure 63.–Median harvest rates (bars) and 90% credibility intervals (whiskers) of sockeye salmon from the Naknek reporting group by fishery from 2006 to 2008 for the Western Alaska Salmon Stock Identification Program. Circles indicate populations in the Naknek reporting group.

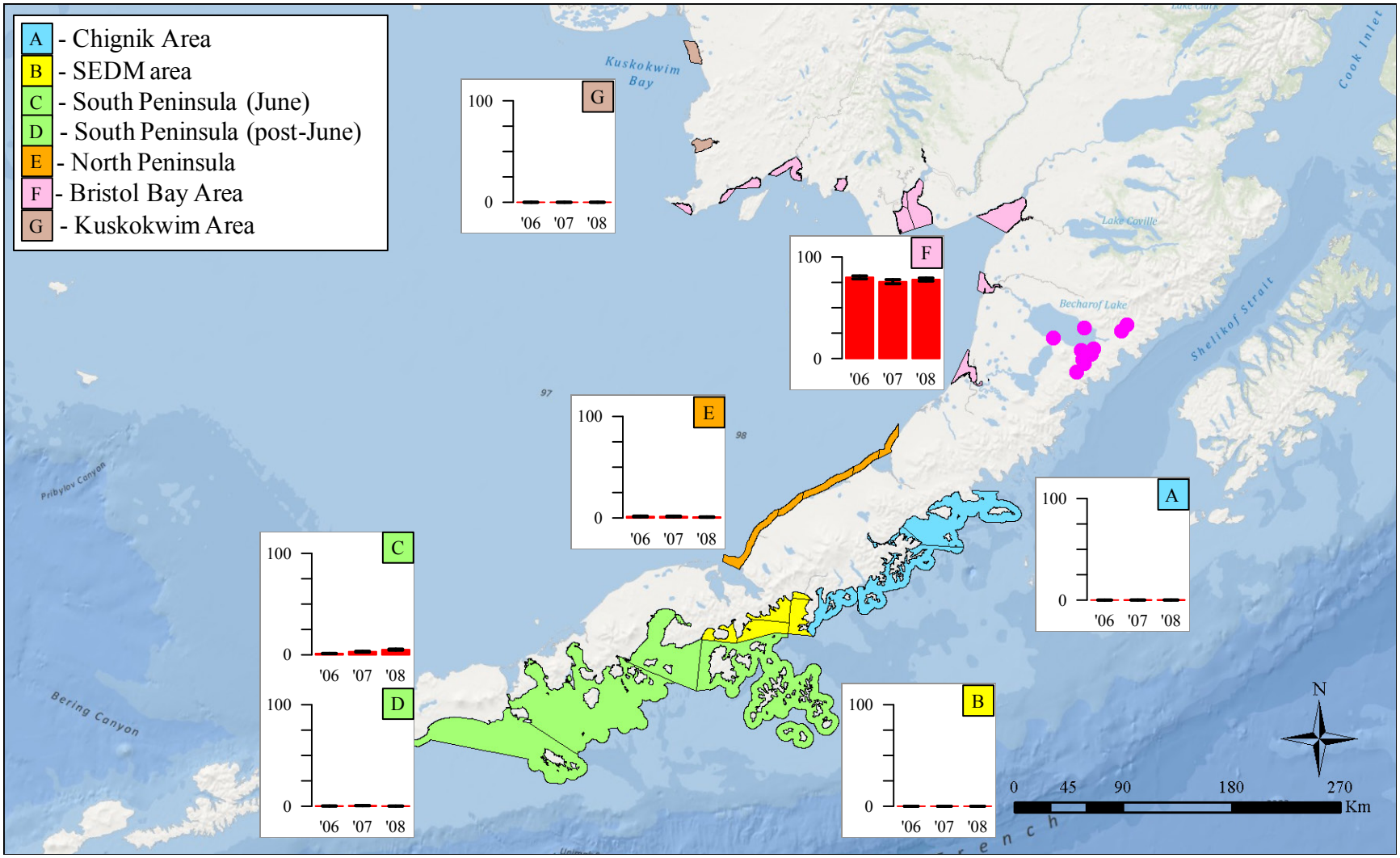

Figure 64.–Median harvest rates (bars) and 90% credibility intervals (whiskers) of sockeye salmon from the Egegik reporting group by fishery from 2006 to 2008 for the Western Alaska Salmon Stock Identification Program. Circles indicate populations in the Egegik reporting group.

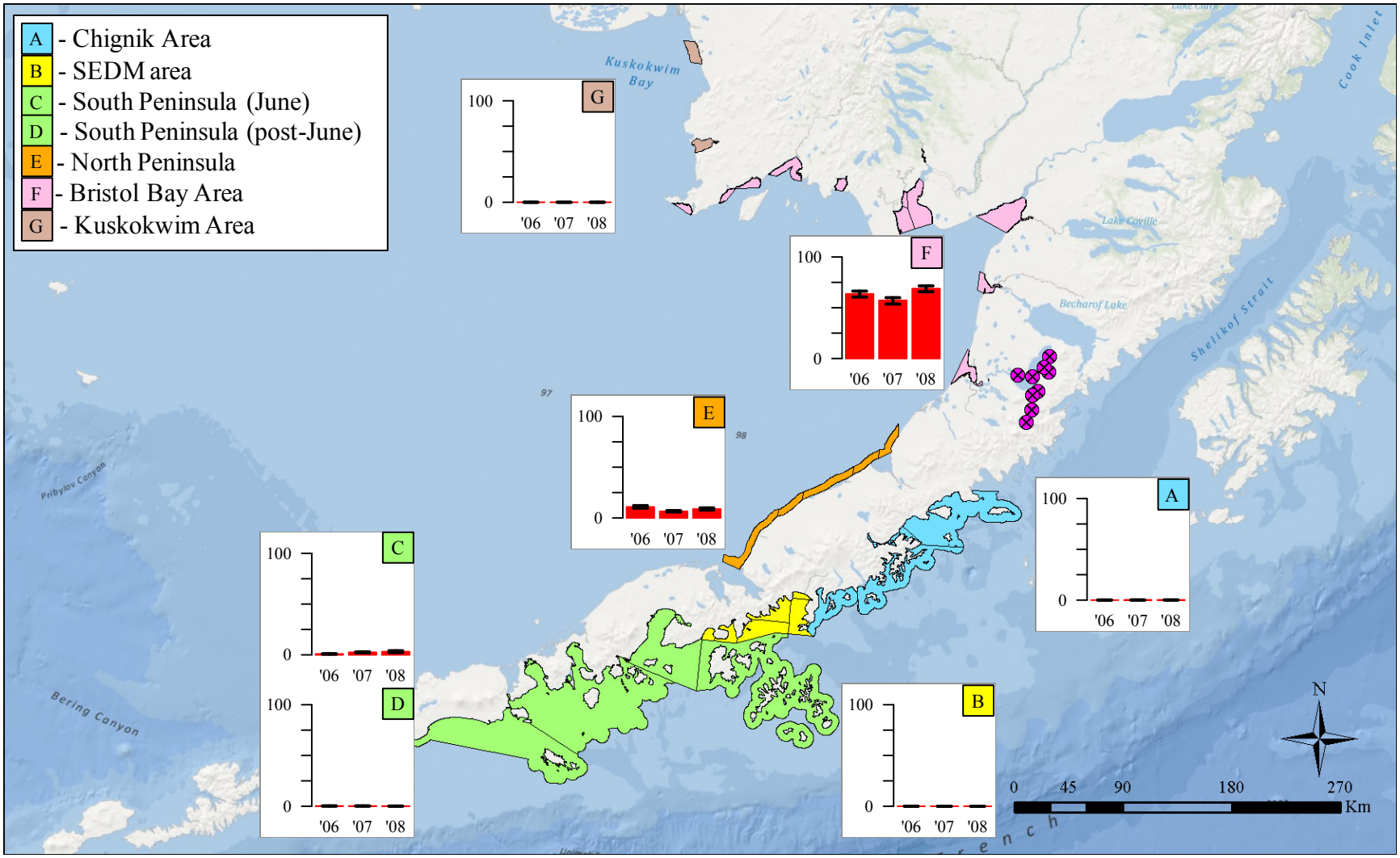

Figure 65.–Median harvest rates (bars) and 90% credibility intervals (whiskers) of sockeye salmon from the Ugashik reporting group by fishery from 2006 to 2008 for the Western Alaska Salmon Stock Identification Program. Circles indicate populations in the Ugashik reporting group.

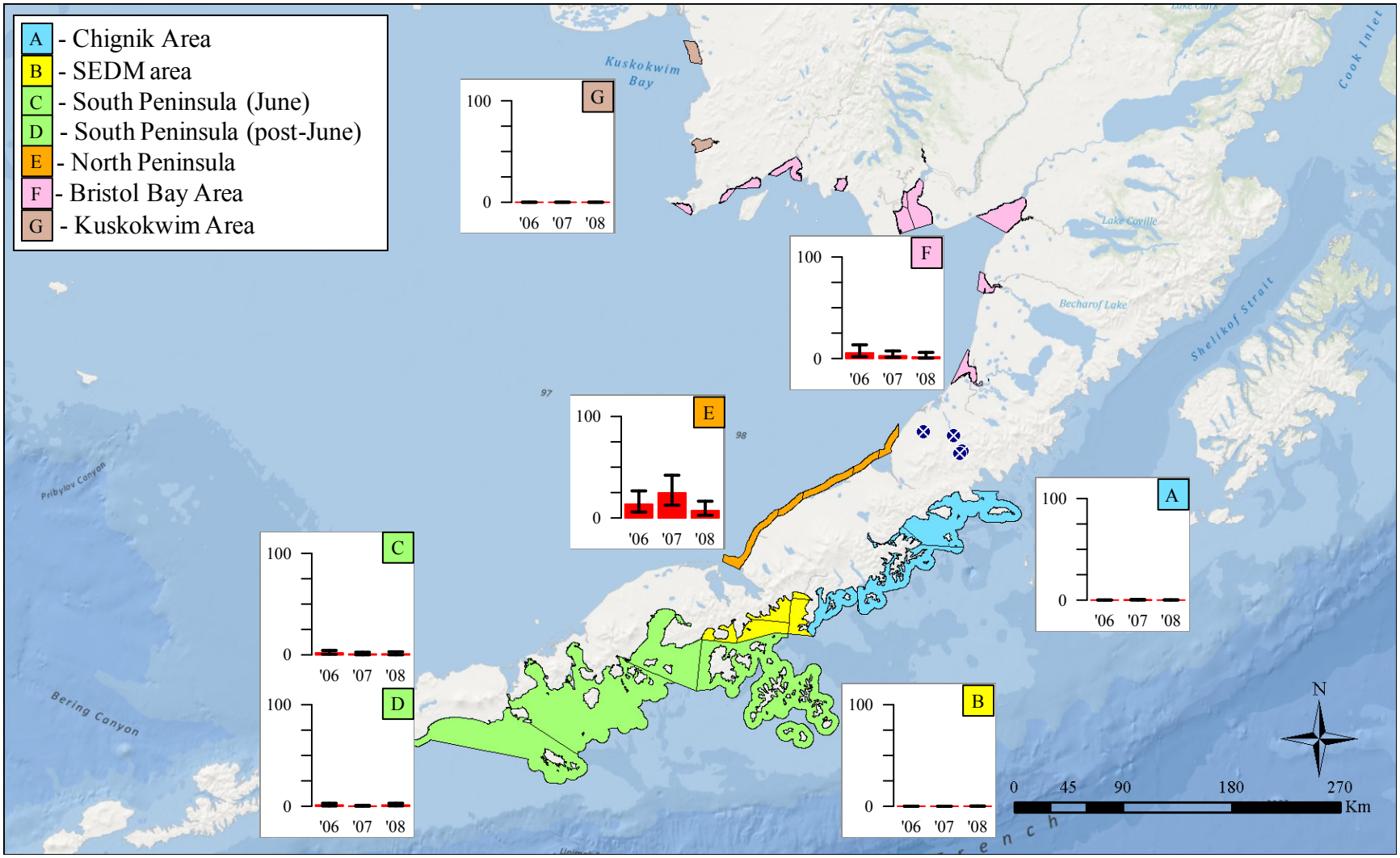

Figure 66.–Median harvest rates (bars) and 90% credibility intervals (whiskers) of sockeye salmon from the Cinder reporting group by fishery from 2006 to 2008 for the Western Alaska Salmon Stock Identification Program. Circles indicate populations in the Cinder reporting group.

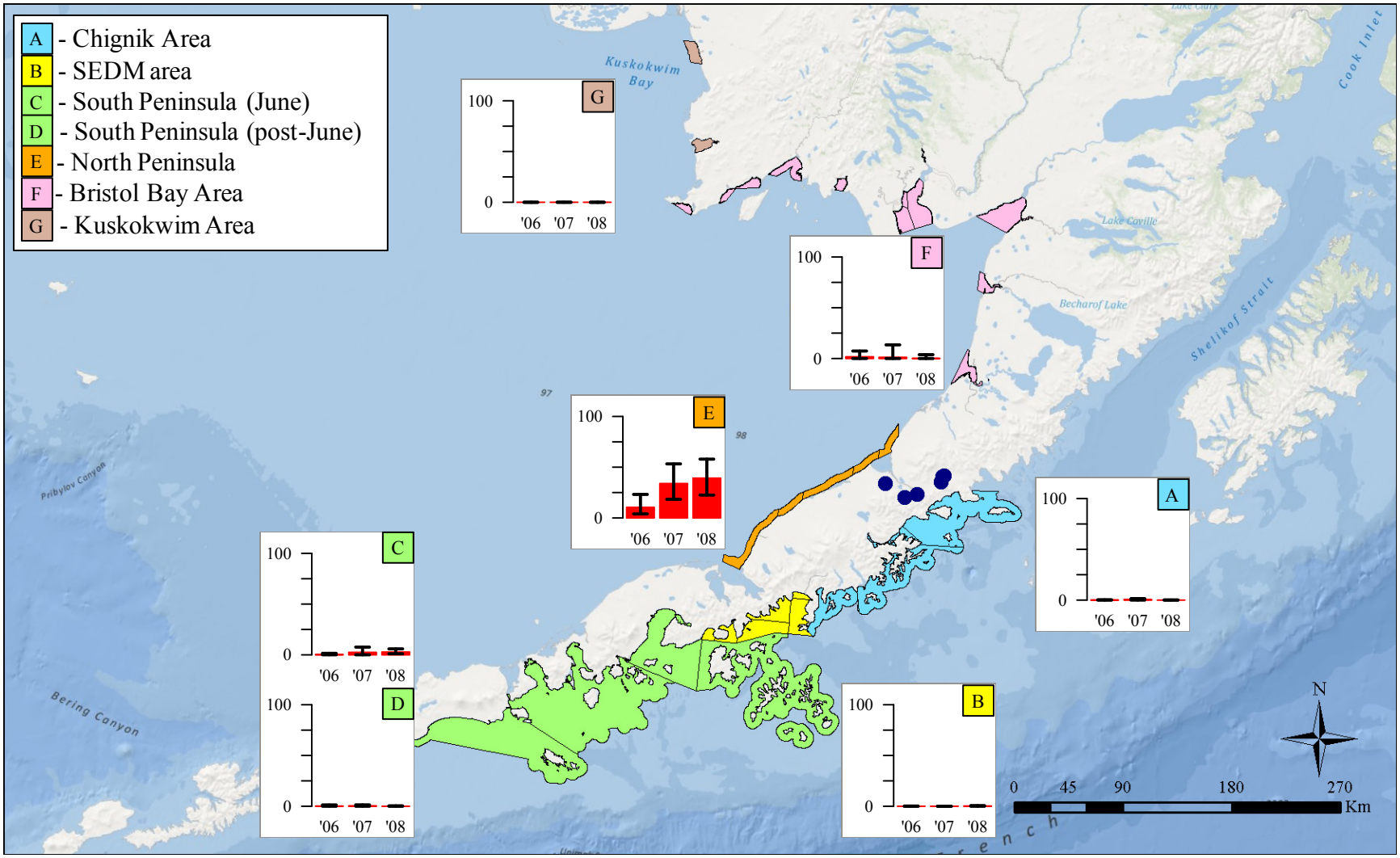

Figure 67.–Median harvest rates (bars) and 90% credibility intervals (whiskers) of sockeye salmon from the Meshik reporting group by fishery from 2006 to 2008 for the Western Alaska Salmon Stock Identification Program. Circles indicate populations in the Meshik reporting group.

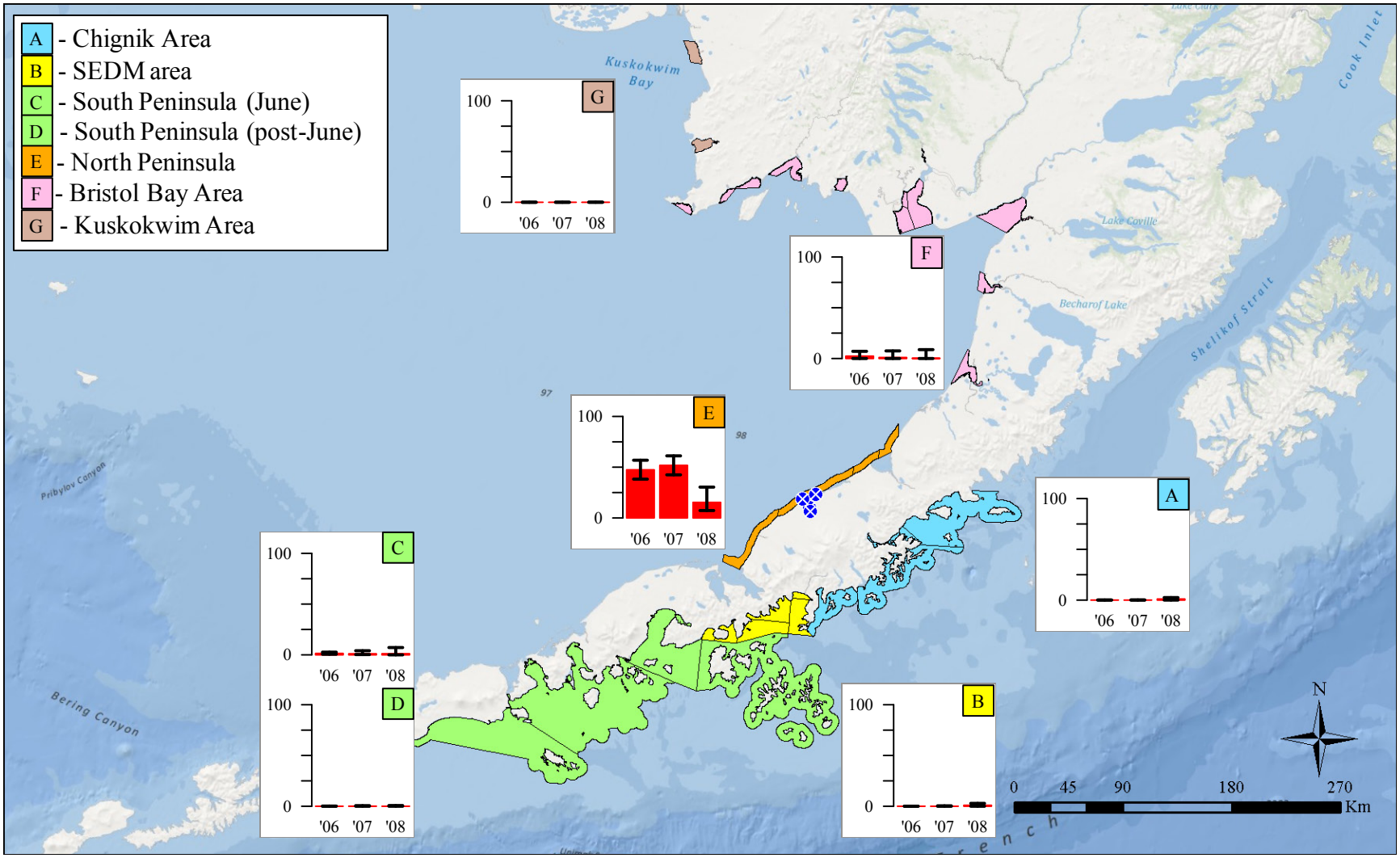

Figure 68.–Median harvest rates (bars) and 90% credibility intervals (whiskers) of sockeye salmon from the Ilnik reporting group by fishery from 2006 to 2008 for the Western Alaska Salmon Stock Identification Program. Circles indicate populations in the Ilnik reporting group.

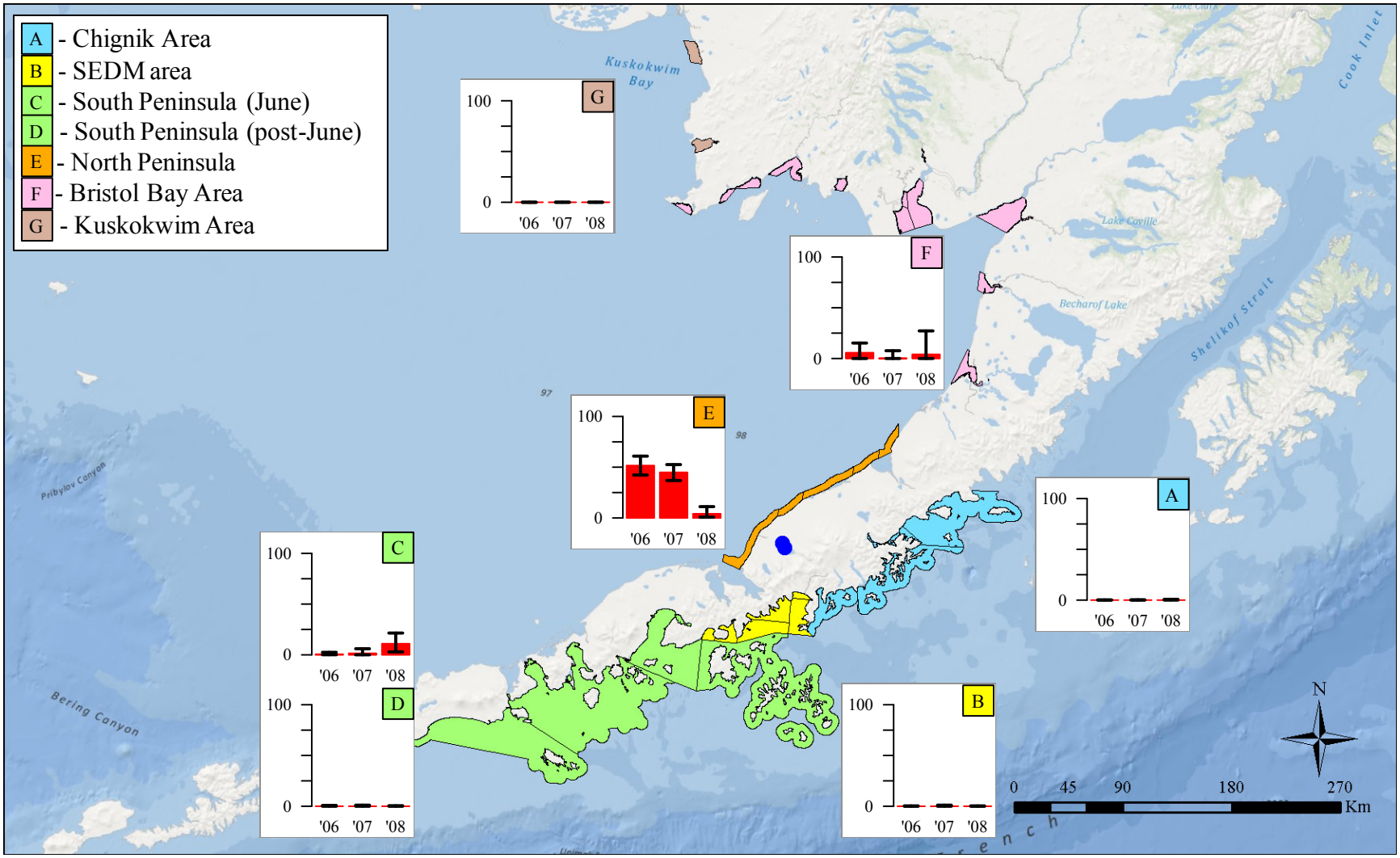

Figure 69.–Median harvest rates (bars) and 90% credibility intervals (whiskers) of sockeye salmon from the Sandy reporting group by fishery from 2006 to 2008 for the Western Alaska Salmon Stock Identification Program. Circles indicate populations in the Sandy reporting group.

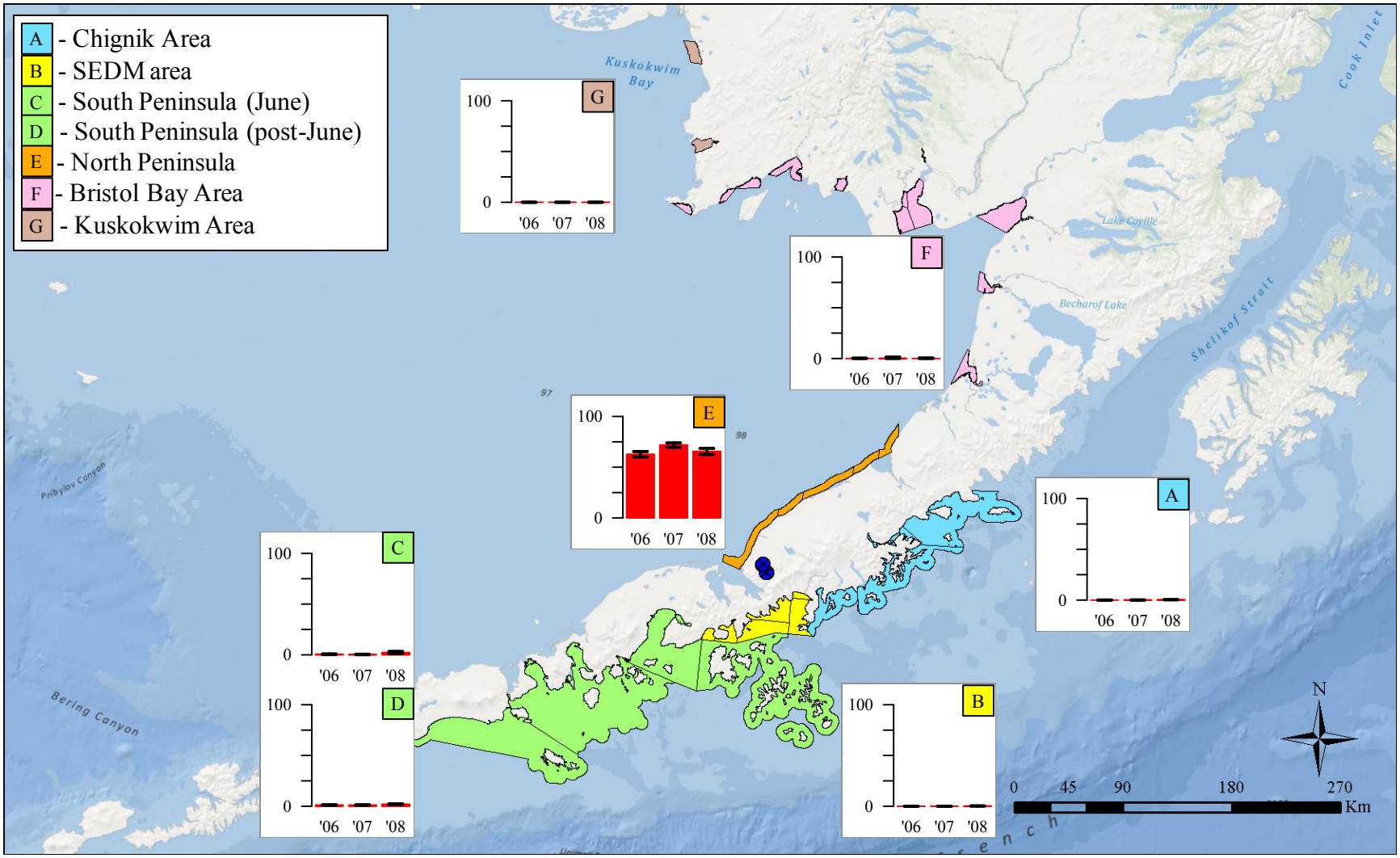

Figure 70.–Median harvest rates (bars) and 90% credibility intervals (whiskers) of sockeye salmon from the Bear reporting group by fishery from 2006 to 2008 for the Western Alaska Salmon Stock Identification Program. Circles indicate populations in the Sandy reporting group.

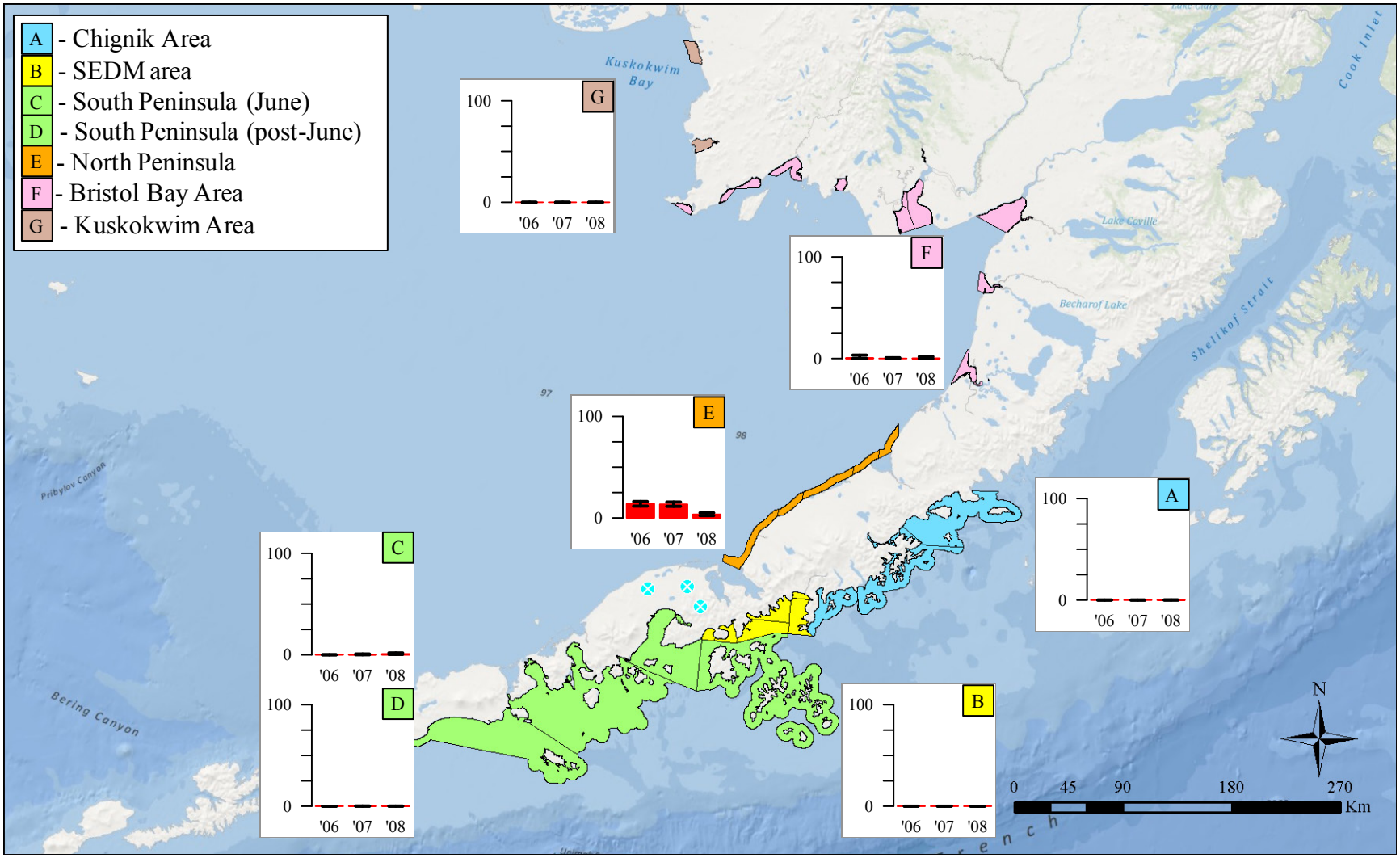

Figure 71.–Median harvest rates (bars) and 90% credibility intervals (whiskers) of sockeye salmon from the Nelson reporting group by fishery from 2006 to 2008 for the Western Alaska Salmon Stock Identification Program. Circles indicate populations in the Nelson reporting group.

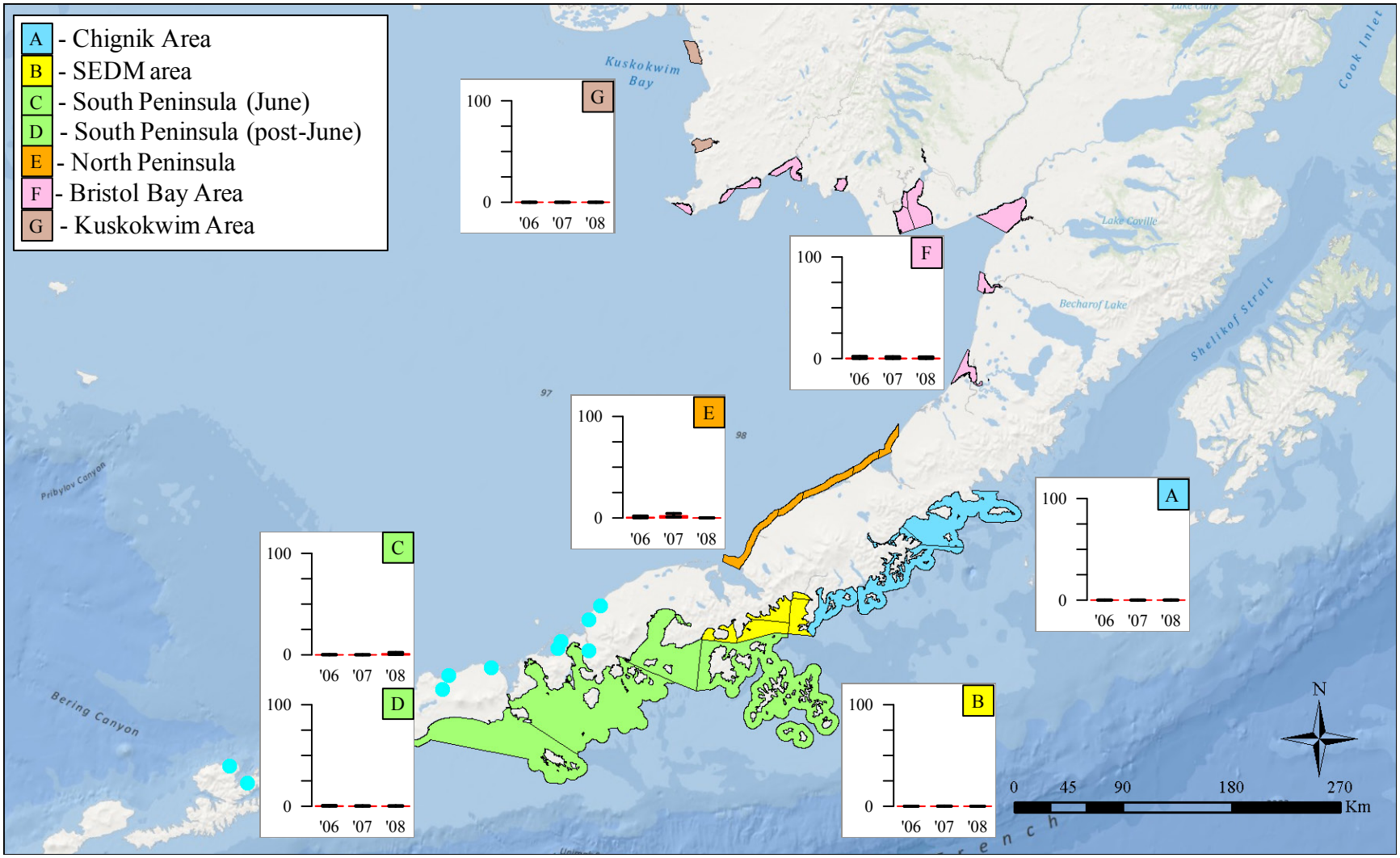

Figure 72.–Median harvest rates (bars) and 90% credibility intervals (whiskers) of sockeye salmon from the Northwestern District - Black Hills reporting group by fishery from 2006 to 2008 for the Western Alaska Salmon Stock Identification Program. Circles indicate populations in the Northwestern District–Black Hills reporting group.

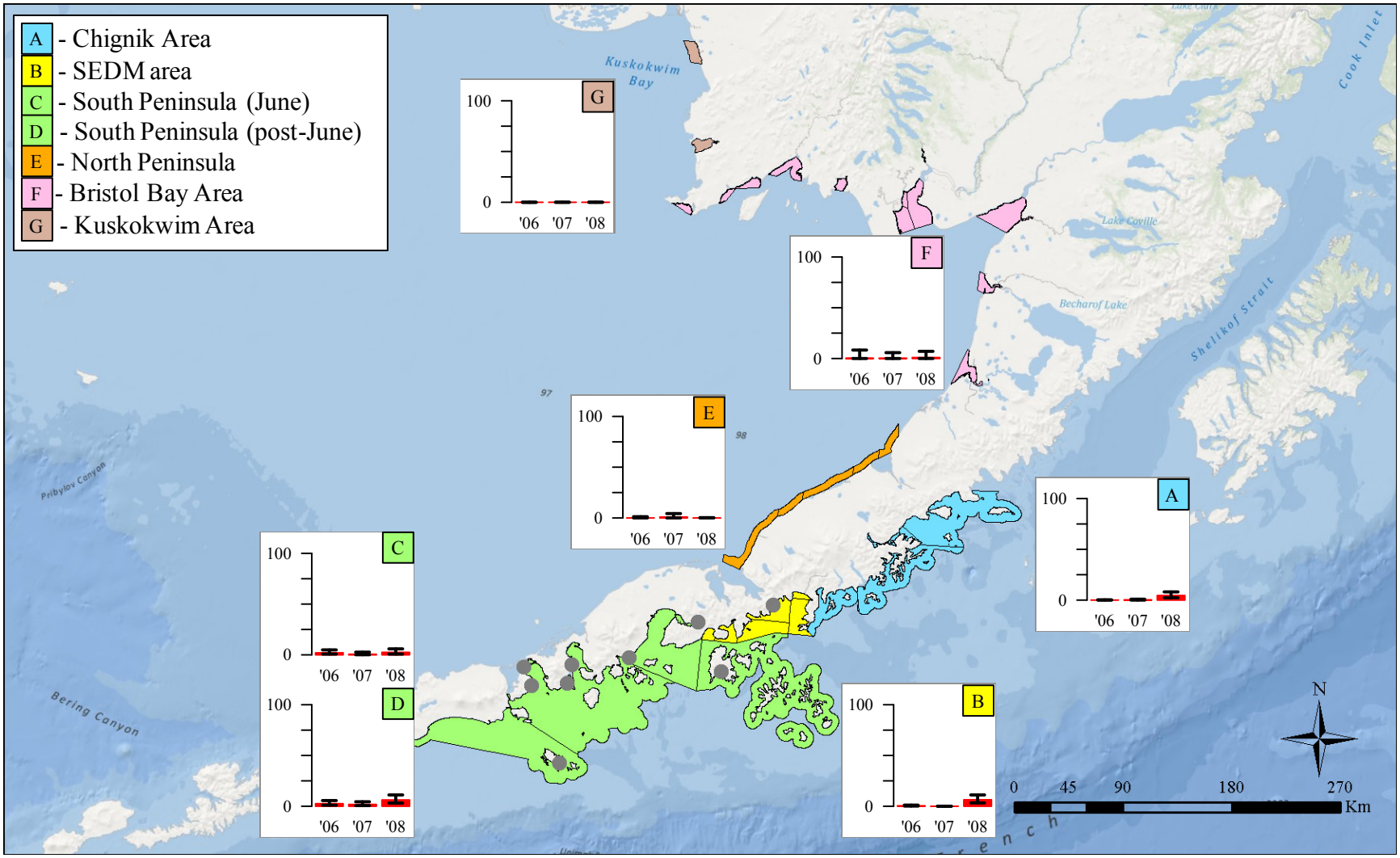

Figure 73.–Median harvest rates (bars) and 90% credibility intervals (whiskers) of sockeye salmon from the South Peninsula reporting group by fishery from 2006 to 2008 for the Western Alaska Salmon Stock Identification Program. Circles indicate populations in the South Peninsula reporting group.

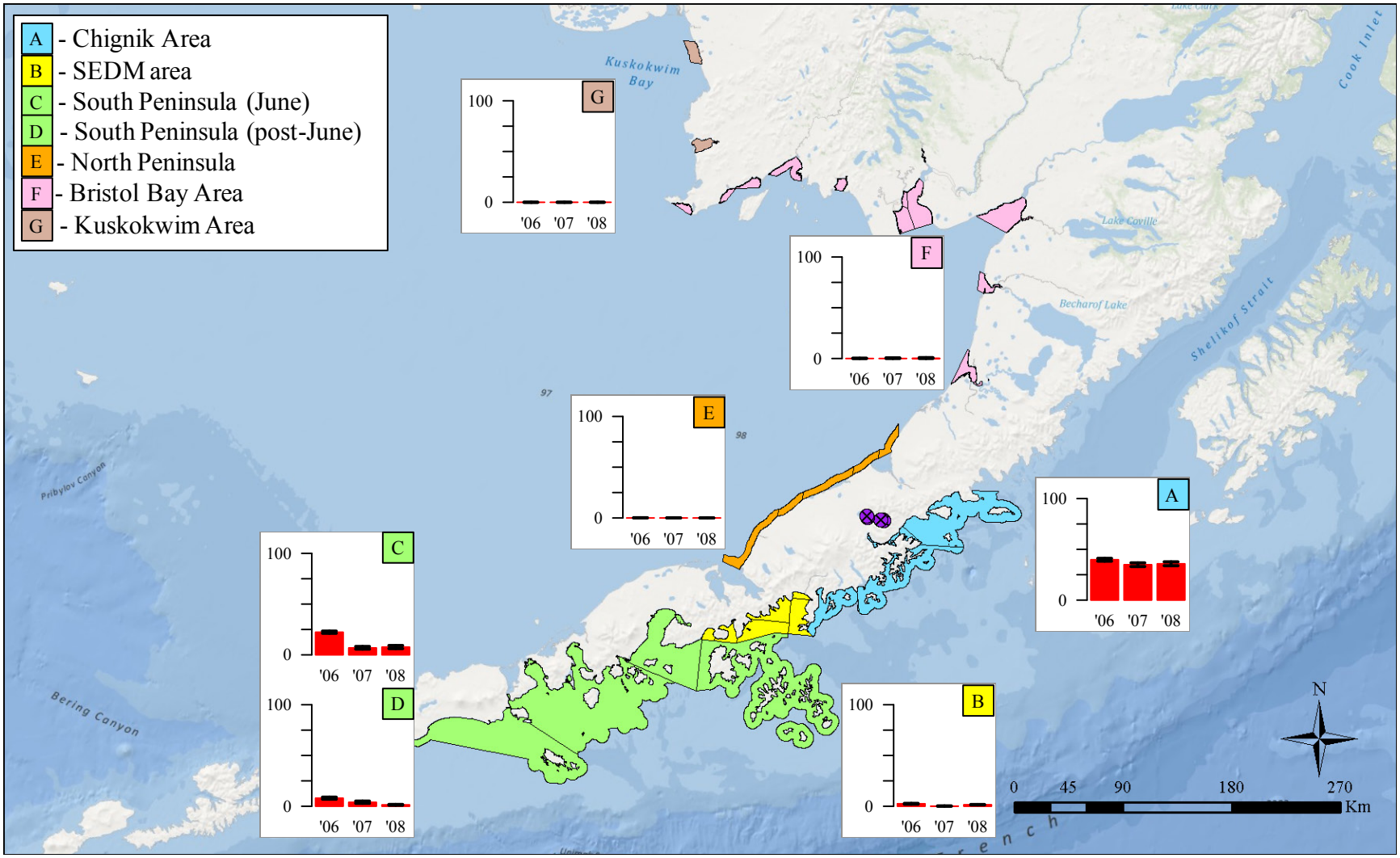

Figure 74.–Median harvest rates (bars) and 90% credibility intervals (whiskers) of sockeye salmon from the Black Lake reporting group by fishery from 2006 to 2008 for the Western Alaska Salmon Stock Identification Program. Circles indicate populations in the Black Lake reporting group.

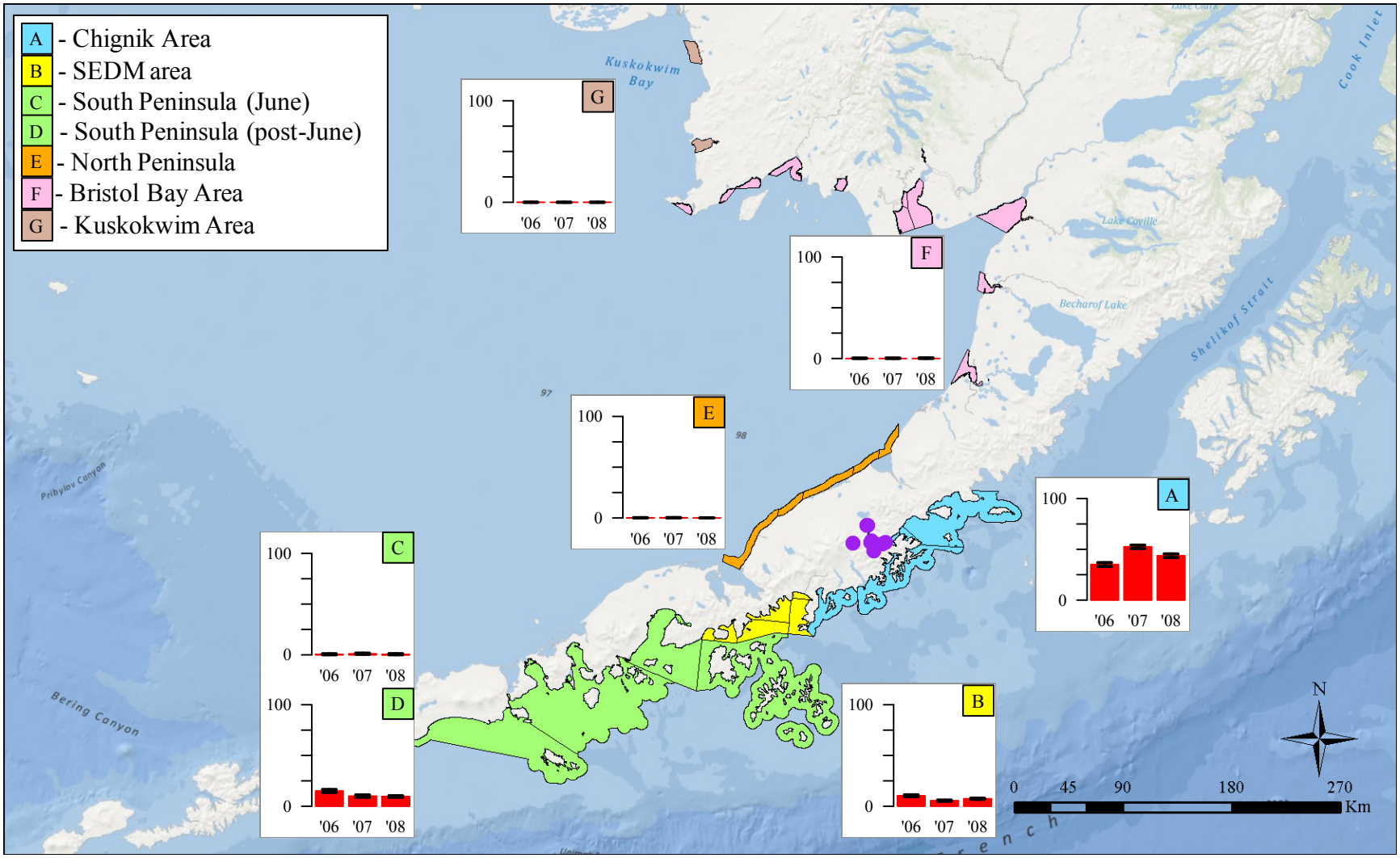

Figure 75.–Median harvest rates (bars) and 90% credibility intervals (whiskers) of sockeye salmon from the Chignik Lake reporting group by fishery from 2006 to 2008 for the Western Alaska Salmon Stock Identification Program. Circles indicate populations in the Chignik Lake reporting group.

APPENDICES

APPENDIX A: SUBSISTENCE HARVEST FOR SOCKEYE SALMON IN THE WASSIP AREA

Appendix A1.–Sockeye salmon subsistence harvest for Chignik Area from 2006 to 2008.

Community/Location	2006	2007	2008
Anchorage		260	677
Chignik Bay	534	1,792	834
Chignik Lagoon	2,850	3,327	2,401
Chignik Lake	2,574	2,638	2,016
Eagle		12	
Homer			24
Kodiak (city)	92	664	252
Perryville	2,018	1,495	808
Sand Point		3	
Seldovia			176
Talkeetna	11		
Total	8,079	10,191	7,189
Above weir[a]	2,574	2,638	2,016
Below weir[b]	5,505	7,553	5,172
Reporting group[c]			
Black Lake	2,743	4,164	2,766
Chignik Lake	2,762	3,389	2,406

Source: 2006-2008 Chignik Area AMRs (Stichert et al. 2009; Jackson and Anderson 2009; Stichert 2007) and ADF&G (Alaska Alaska Subsistence Fisheries Database (ASFDB). 2012. Alaska Department of Fish and Game Division of Subsistence, Anchorage

Note: blank cells indicate no harvest for community reported.

a Above weir harvest is subsistence harvest from Chignik Lake as identified in the Subsistence Division database. Will not be included in estimate of total run because already included in escapement estimate (i.e. weir count).

b Below weir harvest is all other subsistence harvest because there was no clear way to allocate where in Chignik system harvest occurred.

c Below weir harvest split between Black Lake and Chignik Lake reporting groups (i.e. early and late run) based on proportion of runs in total escapement for each year (see Eggers et al. 2012).

Appendix A2.–Sockeye salmon subsistence harvest for Alaska Peninsula from 2006 to 2008.

Harvest community	2006	2007	2008	Reporting Group
Sandpoint local residents	1,846	2,454	1,969	South Peninsula
King Cove local residents	4,034	3,088	3,332	South Peninsula
Cold Bay local residents	558	661	313	South Peninsula
False Pass local residents	188	0	16	NW Dist.-BH
Nelson Lagoon & Port Moller local residents	579	508	750	Nelson & Bear
Port Heiden local Residents	0	0	1,023	Meshik
Unalaska local residents	1,722	2,391	1,833	NW Dist.-BH
Adak	74	488	397	NW Dist.-BH
residents from outside AK Peninsula	1,148	546	622	proportional[a]
residents from outside Unalaska District	0	0	0	NW Dist.-BH
Total	10,149	10,136	10,255	

By Reporting group			
S Pen	7,259	6,556	5,976
NW Dist.-BH	2,237	3,043	2,391
Nelson	326	268	399
Bear	326	268	399
Sandy	NA	NA	NA
Ilnik	NA	NA	NA
Meshik	0	0	1,090
Cinder	NA	NA	NA

Source: Hartill and Keyse (2010, Appendix C1 and C3).

Note: Subsistence harvest occurs in coastal/marine waters or below assessment projects.

NA = no subsistence harvest data available

[a] Subsistence harvest by residents outside of Alaska Peninsula was split proportionally to rest of harvest.

Appendix A3.–Sockeye salmon subsistence harvest by subregional reporting group for Bristol Bay from 2006 to 2008. Harvest separated by whether it was above or below and above an escapement assessment project.

	2006			2007			2008		
Reporting Group	Below	Above	Total	Below	Above	Total	Below	Above	Total
Alagnak	33	0	33	0	0	0	0	0	0
Egegik	1,641	0	1,641	980	0	980	1,502	0	1,502
Igushik	1,670	0	1,670	2,000	0	2,000	4,285	0	4,285
Kvichak	593	49,224	49,817	1,305	46,168	47,473	435	49,128	49,563
Naknek	19,247	0	19,247	21,629	735	22,364	20,060	200	20,260
Nushagak	10,454	3,204	13,658	11,870	4,444	16,314	12,267	3496	15,763
Togiak	2,376	352	2,728	2,025	523	2,548	3,402	368	3,770
Ugashik	962	0	962	1,056	0	1,056	1,660	0	1,660
Wood	2,400	3,045	5,445	4,607	2,206	6,813	3,596	3,184	6,780
Bristol Bay	39,376	55,825	95,201	45,472	54,076	99,548	47,207	56,376	103,583

Source: ADF&G Subsistence Division database and compared with data from Bristol Bay AMRs (Salmone et al. 2007; Sands et al. 2008; Jones et al. 2009, Table 27). Deferred to database when discrepancy between the two sources of data.

Note: Subsistence harvest of sockeye salmon above escapement assessment projects is not subtracted from fish counts; therefore subsistence harvest above assessment projects will not be included in estimate of total run because already included in escapement estimate.

Appendix A4.–List of site names from ADF&G Subsistence Division database, whether it is above or below an escapement assessment project and WASSIP reporting group assignment for sockeye salmon subsistence harvest.

District/Watershed	Subsistence Database Site Name	Harvest location in relation to assessment project		Reporting group
		Above	Below	Subregional
Ugashik District	Pilot Point		Y	Ugashik
	Pilot Point Village		Y	Ugashik
	Ugashik		Y	Ugashik
	Ugashik Commercial		Y	Ugashik
	Ugashik River		Y	Ugashik
	Ugashik Village		Y	Ugashik
Egegik District	Commercial District		Y	Egegik
	Egegik		Y	Egegik
	Egegik Beach		Y	Egegik
Naknek/Kvichak River System	Alagnak (Branch) River		Y	Alagnak
	Chekok	Y		Kvichak
	Igiugig	Y		Kvichak
	Iliamna Community	Y		Kvichak
	Iliamna Lake	Y		Kvichak
	Iliamna Lake-General	Y		Kvichak
	Kijik	Y		Kvichak
	Kokhanok	Y		Kvichak
	Kvichak River		Y	Kvichak
	Lake Clark	Y		Kvichak
	Lake Clark-General	Y		Kvichak
	Levelock		Y	Kvichak
	Mile 5 North		Y	Kvichak
	Newhalen River	Y		Kvichak
	Nondalton Village	Y		Kvichak
	Pedro Bay	Y		Kvichak
	Pile Bay	Y		Kvichak
	Port Alsworth	Y		Kvichak
	Savonoski-North		Y	Kvichak
	Six Mile Lake	Y		Kvichak
	South Naknek Beach		Y	Kvichak
	Naknek Beach-North		Y	Naknek
	Naknek Lake	Y		Naknek
	Naknek River - Area C		Y	Naknek
	Naknek River General		Y	Naknek
	Naknek-Kvichak Commercial		Y	Naknek
Nushagak Watershed	Igushik		Y	Igushik
	Manokotak Area		Y	Igushik
	Snake Lake		Y	Igushik
	Agulowak and Above	Y		Wood
	Aleknagik Area	Y		Wood
	Dragnet		Y	Wood
	Hansen Point		Y	Wood
	Lake Aleknagik	Y		Wood
	Lower Wood River		Y	Wood
	Red Bluff		Y	Wood

-continued-

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District/Watershed	Subsistence Database Site Name	Harvest location in relation to assessment project		Reporting group
		Above	Below	Subregional
	Muklung River		Y	Wood
	Upper or Lower Wood River	Y		Wood
	Upper Wood River	Y		Wood
	Black Point		Y	Nushagak
	City Dock/Beach		Y	Nushagak
	Clarks Point		Y	Nushagak
	Coffee Point		Y	Nushagak
	Ekuk		Y	Nushagak
	Ekwok Area	Y		Nushagak
	Grassy Island		Y	Nushagak
	Icicile		Y	Nushagak
	Iowithla River	Y		Nushagak
	Kanakanak		Y	Nushagak
	Klutuk River	Y		Nushagak
	Kokwok River	Y		Nushagak
	Koliganek Area	Y		Nushagak
	Lewis Point		Y	Nushagak
	Mulchatna River	Y		Nushagak
	New Stuyahok Area	Y		Nushagak
	Nushagak Point		Y	Nushagak
	Nushagak Site (Unknown)		Y	Nushagak
	Olsonville		Y	Nushagak
	Portage Creek Area	Y		Nushagak
	Protection Point		Y	Nushagak
	Queens Slough		Y	Nushagak
	Scandanavia		Y	Nushagak
	Site location unknown		Y	Nushagak
	Skinner		Y	Nushagak
	Snag Point		Y	Nushagak
	Squaw Creek		Y	Nushagak
	Tulie Point		Y	Nushagak
Togiak District	Togiak		Y	Togiak
	Togiak Bay		Y	Togiak
	Togiak Lake	Y		Togiak
	Togiak River		Y	Togiak
	Twin Hills		Y	Togiak

Appendix A5.–Sockeye salmon subsistence harvest for Kuskokwim Area 2006 to 2008.

Regional	Sub Regional	2006	2007	2008
Kuskokwim		99,696	106,311	131,411
	Goodnews	1,058	998	2,381
	Kanektok	3,128	1,755	2,692
	Kuskokwim River[a]	47,755	51,779	63,169

Source: From Hamazaki (2011,Table 8) and Wolfe et al. (2012)

Note: Subsistence is primarily below escapement assessment projects.

[a] Kuskokwim River reporting group subsistence harvest estimate includes estimate of sockeye harvest from Bering Sea Coastal Villages where there is little to no historic data. Wolfe et al. (2012) estimated sockeye harvest in these villages to be 4,440 fish (95% CI = 12.38%). This estimated harvest was added to Kuskokwim River subregional reporting group for each year.

Appendix A6.–Sockeye salmon subsistence harvest for Norton Sound from 2006 to 2008.

	2006	2007	2008
District/Subdistrict	Total	Total	Total
Pt. Clarence District	9,940	9,484	5,144
Nome Area Subdistrict 1	159	297	127
Cape Woolley	12	15	6
Moses Point Subdistrict 3	13	0	0
Golovin Subdistrict 2	38	321	95
Norton Bay Subdistrict 4	14	14	2
Shaktoolik Subdistrict 5	36	28	2
Unalakleet Subdistrict 6	326	292	137
St. Michael	347	347	75
Stebbins	140	140	181
Total	11,025	10,938	5,769
Above assessment projects[a]	1,436	2,143	1,150
Below assessment projects	9,589	8,795	4,619
Reporting group			
Norton sound	9,589	8,795	4,619

Source: Soong et al. (2008a, 2008b) and Menard et al. (2010)

[a] Above assessment projects includes harvest above the Pilgrim River weir and in salmon lake as well as harvest above weirs in Nome Area Subdistrict 1. Will not be included in estimate of total run because it is already included in escapement estimate.

APPENDIX B: TERMINAL AND INRIVER COMMERCIAL HARVEST FOR SOCKEYE SALMON IN THE WASSIP AREA

Appendix B1.–Commerical harvest of sockeye salmon in Unalaska District, Northwestern District, and Black Hills, Nelson Lagoon, Port Moller Bight, and Herendeen-Moller Bay sections of Northern District not listed in WASSIP sampling report.

District	Section	2006	2007	2008	Reporting group
Unalaska	Unalaska and Makushin bays	2,329	0	29	NW Dist./BH
Northwestern	Dublin Bay	213	0	0	NW Dist./BH
	Urilia Bay	37,275	21,932	41,319	NW Dist./BH
	Swanson Lagoon	270	4,795	565	NW Dist./BH
	Bechevin Bay	478	130	726	NW Dist./BH
	Izembek-Moffet Bay	24,280	22,536	8,836	NW Dist./BH
Northern	Black Hills	8,430	4,273	20,332	NW Dist./BH
	Nelson Lagoon	255,265	337,556	183,330	Nelson
	Port Moller Bight	0	206	0	Bear
	Herendeen-Moller Bay	0	0	128	Bear
	NW Dist./BH Total	73,275	53,666	71,807	
	Nelson Total	255,265	337,556	183,330	
	Bear	0	206	128	
	Grand Total	328,540	391,428	255,265	

Source: Hartill (2009); Tscherisch and Russ (2008); Tsersich (2007).

Note: These fish are included the total run estimate of their respective reporting groups as terminal commercial harvest, but not be included in the numerator of any harvest rate calculation. A CV of 0.05 was applied to these harvest estimates as with many of the other commercial fisheries within WASSIP.

Appendix B2.–Commercial harvest of sockeye salmon in District W-1, Kuskokwim River, Kuskokwim Management Area from 2006 to 2008, which was not listed in WASSIP sampling report.

District	2006	2007	2008	Reporting group
District W-1	12,681	703	15601	Kuskokwim R.

Source: Bavilla et al. (2010, Appendix A10)

Appendix B3.-Comparison of WASSIP commercial and WASSIP commercial plus terminal or inriver commercial harvest and harvest rates for subregional reporting groups in which terminal harvest was added to the estimate of total run. Medians and 90% credibility intervals are reported.

		Harvest			Harvest Rate (%)		
			90% CI			90% CI	
Year	Reporting Group	Median	5%	95%	Median	5%	95%
2006	Kuskokwim R.[a]	289,001	163,683	470,664	27.7	17.6	38.7
	Kuskokwim R.[b]	301,607	176,264	483,299	28.9	19.0	39.7
	Bear[a]	813,200	779,639	848,414	64.7	61.9	67.3
	Bear[b]	813,200	779,639	848,414	64.7	61.9	67.3
	Nelson[a]	87,375	72,470	107,504	14.8	12.3	17.9
	Nelson[b]	342,995	317,289	371,920	58.0	53.0	62.9
	NW Dist.-BH[a]	4,006	1,423	10,268	27.7	17.6	38.7
	NW Dist.-BH[b]	77,622	70,875	86,171	24.8	12.5	42.9
2007	Kuskokwim R.[a]	37,708	18,751	97,545	7.2	2.6	19.9
	Kuskokwim R.[b]	38,407	19,450	98,237	7.3	2.6	20.1
	Bear[a]	1,216,443	1,166,828	1,269,796	73.9	71.7	75.9
	Bear[b]	1,216,647	1,167,033	1,270,003	73.9	71.7	75.9
	Nelson[a]	88,644	74,827	104,618	14.1	12.0	16.4
	Nelson[b]	426,221	395,964	458,538	67.6	64.0	71.0
	NW Dist.-BH[a]	8,274	4,981	14,426	7.2	2.6	19.9
	NW Dist.-BH[b]	62,136	56,504	69,627	19.4	9.5	35.2
2008	Kuskokwim R.	22,349	7,562	60,249	3.4	0.9	11.1
	Kuskokwim R.	37,949	23,077	75,843	6.1	2.4	14.9
	Bear[a]	771,051	732,533	812,642	70.6	67.5	73.6
	Bear[b]	771,178	732,663	812,771	70.7	67.5	73.6
	Nelson[a]	20,922	15,492	30,239	4.9	3.2	7.4
	Nelson[b]	204,665	188,669	222,669	47.5	35.4	59.9
	NW Dist.-BH[a]	8,315	4,822	16,666	3.4	0.9	11.1
	NW Dist.-BH[b]	80,469	73,391	90,444	14.3	6.8	27.7

[a] WASSIP commercial harvest only.

[b] WASSIP commercial plus terminal commercial harvest.

APPENDIX C: ESTIMATED HARVESTS OF SOCKEYE SALMON IN WASSIP TEMPORAL STRATA BY SUBREGIONAL REPORTING GROUP

WHAT STOCKS WERE HARVESTED DURING A GIVEN PERIOD IN A FINE-SCALE FISHERY?

Appendix C1.–Central District, Chignik Area, Westward Region, 2006, temporal stratum 1. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 1 (6/16–6/17; Harvest = 4,122; n = 397)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	0	0.97	0	2
Kuskokwim Bay	Kuskokwim R.	0	0	0	0.97	0	1
	Kanektok	0	0	0	0.97	0	1
	Goodnews	0	0	4	0.92	1	4
Bristol Bay	Togiak	0	0	22	0.60	4	8
	Igushik	0	0	0	0.96	0	2
	Wood	0	0	1	0.93	0	2
	Nushagak	0	0	0	0.96	0	3
	Kvichak	35	5	86	0.00	38	25
	Alagnak	0	0	15	0.81	2	7
	Naknek	0	0	24	0.76	4	10
	Egegik	0	0	72	0.56	16	26
	Ugashik	33	0	98	0.32	35	34
North Peninsula	Cinder	0	0	8	0.92	2	8
	Meshik	0	0	0	0.96	1	4
	Ilnik	0	0	23	0.86	3	11
	Sandy	0	0	33	0.73	5	13
	Bear	0	0	0	0.97	0	2
	Nelson	0	0	0	0.97	0	1
	NW Dist.-BH	0	0	0	0.96	0	3
South Peninsula		0	0	0	0.97	0	2
Chignik	Black Lake	3,913	3,500	4,226	0.00	3,856	221
	Chignik Lake	102	0	292	0.23	110	101
East of WASSIP		41	15	85	0.00	44	22
Total		4,124				4,121	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.02 times unadjusted median.

Appendix C2.–Central District, Chignik Area, Westward Region, 2006, temporal stratum 2. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 2 (6/26–6/30; Harvest = 41,988; n = 382)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	0	0.95	1	12
Kuskokwim Bay	Kuskokwim R.	0	0	0	0.95	1	11
	Kanektok	0	0	0	0.95	1	13
	Goodnews	0	0	0	0.95	1	14
Bristol Bay	Togiak	0	0	1	0.95	1	15
	Igushik	24	0	286	0.37	70	105
	Wood	0	0	202	0.67	34	81
	Nushagak	0	0	0	0.95	1	14
	Kvichak	0	0	9	0.92	7	42
	Alagnak	145	0	505	0.18	178	169
	Naknek	224	28	658	0.02	266	201
	Egegik	0	0	8	0.91	5	39
	Ugashik	0	0	2	0.94	4	30
North Peninsula	Cinder	0	0	2	0.94	4	31
	Meshik	165	0	518	0.12	196	169
	Ilnik	0	0	1	0.95	2	19
	Sandy	0	0	0	0.95	1	13
	Bear	0	0	1	0.95	2	19
	Nelson	0	0	1	0.94	2	19
	NW Dist.-BH	0	0	1	0.94	3	22
South Peninsula		0	0	1	0.94	2	21
Chignik	Black Lake	41,071	36,780	44,032	0.00	40,360	2,207
	Chignik Lake	166	0	2,328	0.30	615	828
East of WASSIP		193	40	541	0.00	227	162
Total		41,988				41,984	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.
[a] Adjusted median; 1.02 times unadjusted median.

Appendix C3.–Central District, Chignik Area, Westward Region, 2006, temporal stratum 3. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 3 (7/2–7/11; Harvest = 26,607; n = 374)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	0	0.96	1	7
Kuskokwim Bay	Kuskokwim R.	0	0	0	0.96	1	8
	Kanektok	0	0	1	0.95	2	15
	Goodnews	0	0	65	0.85	9	35
Bristol Bay	Togiak	40	0	207	0.15	62	72
	Igushik	0	0	104	0.85	14	52
	Wood	0	0	155	0.65	27	61
	Nushagak	0	0	3	0.93	3	25
	Kvichak	0	0	177	0.86	21	76
	Alagnak	139	0	419	0.09	164	134
	Naknek	0	0	4	0.93	3	23
	Egegik	344	0	778	0.07	357	237
	Ugashik	0	0	645	0.64	135	234
North Peninsula	Cinder	0	0	0	0.95	1	13
	Meshik	0	0	1	0.95	2	17
	Ilnik	0	0	0	0.95	1	11
	Sandy	0	0	0	0.95	1	9
	Bear	0	0	195	0.80	27	83
	Nelson	0	0	0	0.96	1	8
	NW Dist.-BH	0	0	0	0.96	1	8
South Peninsula		0	0	12	0.90	7	43
Chignik	Black Lake	21,792	19,313	23,733	0.00	21,478	1,347
	Chignik Lake	3,748	2,498	5,088	0.00	3,726	791
East of WASSIP		544	263	939	0.00	560	209
Total		26,607				26,604	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.02 times unadjusted median.

Appendix C4.–Central District, Chignik Area, Westward Region, 2006, temporal stratum 4. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 4 (7/13–7/28; Harvest = 25,121; n = 386)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	0	0.96	1	7
Kuskokwim Bay	Kuskokwim R.	0	0	0	0.96	1	6
	Kanektok	0	0	0	0.96	1	8
	Goodnews	0	0	1	0.95	2	13
Bristol Bay	Togiak	0	0	0	0.95	1	10
	Igushik	0	0	4	0.93	3	18
	Wood	0	0	107	0.74	16	44
	Nushagak	20	0	179	0.33	46	65
	Kvichak	0	0	0	0.96	1	7
	Alagnak	0	0	0	0.96	1	7
	Naknek	0	0	0	0.96	1	7
	Egegik	0	0	0	0.96	1	7
	Ugashik	0	0	0	0.95	1	8
North Peninsula	Cinder	0	0	2	0.94	2	15
	Meshik	0	0	9	0.92	3	20
	Ilnik	0	0	1	0.94	2	22
	Sandy	0	0	0	0.96	1	8
	Bear	0	0	1	0.95	2	15
	Nelson	45	2	197	0.03	65	66
	NW Dist.-BH	0	0	0	0.96	1	8
South Peninsula		0	0	1	0.94	2	19
Chignik	Black Lake	9,153	7,501	10,844	0.00	9,122	1,018
	Chignik Lake	15,432	13,423	17,372	0.00	15,355	1,202
East of WASSIP		471	206	877	0.00	495	207
Total		25,121				25,126	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.01 times unadjusted median.

Appendix C5.–Central District, Chignik Area, Westward Region, 2008, temporal stratum Late Catch. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum Late Catch (> 8/1; Harvest = 12,053; n = 0[b])					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	0	0.97	0	3
Kuskokwim Bay	Kuskokwim R.	0	0	0	0.96	0	3
	Kanektok	0	0	0	0.95	1	5
	Goodnews	0	0	16	0.92	4	19
Bristol Bay	Togiak	64	3	169	0.05	72	51
	Igushik	0	0	0	0.95	1	6
	Wood	33	0	139	0.29	45	48
	Nushagak	0	0	5	0.92	2	10
	Kvichak	0	0	1	0.94	1	8
	Alagnak	0	0	0	0.96	1	5
	Naknek	36	0	127	0.19	45	42
	Egegik	0	0	84	0.65	15	32
	Ugashik	0	0	33	0.88	5	20
North Peninsula	Cinder	0	0	0	0.95	1	7
	Meshik	0	0	0	0.96	0	4
	Ilnik	0	0	0	0.96	1	6
	Sandy	0	0	0	0.96	0	3
	Bear	0	0	73	0.77	11	28
	Nelson	0	0	0	0.97	0	3
	NW Dist.-BH	0	0	1	0.95	1	8
South Peninsula		106	30	246	0.00	117	68
Chignik	Black Lake	831	451	1,281	0.00	839	253
	Chignik Lake	10,551	9,497	11,468	0.00	10,455	599
East of WASSIP		432	252	664	0.00	438	126
Total		12,053				12,055	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.01 times unadjusted median.

[b] Not part of WASSIP sampling plan. Stock composition estimate from temporal stratum 4, 2008, Central District used as proxy.

Appendix C6.–Chignik Bay District, Chignik Area, Westward Region, 2006, temporal stratum 1. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 1 (6/8–6/19; Harvest = 105,006; n = 400)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	1	0.94	3	28
Kuskokwim Bay	Kuskokwim R.	0	0	1	0.94	3	26
	Kanektok	0	0	1	0.94	3	34
	Goodnews	0	0	1	0.94	3	26
Bristol Bay	Togiak	0	0	1	0.95	2	25
	Igushik	0	0	1	0.94	3	30
	Wood	0	0	1	0.94	4	35
	Nushagak	0	0	1	0.94	3	27
	Kvichak	0	0	26	0.91	12	74
	Alagnak	0	0	1	0.94	3	33
	Naknek	0	0	215	0.85	31	123
	Egegik	0	0	599	0.50	126	224
	Ugashik	0	0	378	0.76	56	164
North Peninsula	Cinder	0	0	1	0.94	3	32
	Meshik	0	0	1	0.94	4	35
	Ilnik	0	0	1	0.94	3	34
	Sandy	0	0	1	0.94	3	28
	Bear	0	0	1	0.94	4	38
	Nelson	0	0	2	0.94	4	41
	NW Dist.-BH	0	0	1	0.94	3	31
South Peninsula		0	0	1	0.94	3	32
Chignik	Black Lake	104,852	94,733	112,750	0.00	103,585	5,483
	Chignik Lake	154	0	4,909	0.33	1,139	1,737
East of WASSIP		0	0	15	0.92	16	102
Total		105,006				105,019	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.01 times unadjusted median.

Appendix C7.–Chignik Bay District, Chignik Area, Westward Region, 2006, temporal stratum 2. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 2 (6/25–6/28; Harvest = 132,178; n = 399)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	48	0.91	24	145
Kuskokwim Bay	Kuskokwim R.	0	0	1	0.94	4	37
	Kanektok	0	0	2	0.94	5	50
	Goodnews	0	0	1	0.94	4	40
Bristol Bay	Togiak	0	0	1	0.94	4	36
	Igushik	0	0	396	0.80	56	184
	Wood	0	0	12	0.92	12	82
	Nushagak	0	0	6	0.93	9	74
	Kvichak	0	0	3	0.93	8	72
	Alagnak	0	0	676	0.64	118	261
	Naknek	0	0	1	0.94	4	36
	Egegik	0	0	1,409	0.54	315	517
	Ugashik	0	0	834	0.80	110	342
North Peninsula	Cinder	0	0	5	0.93	10	86
	Meshik	0	0	428	0.84	59	227
	Ilnik	0	0	2	0.94	5	51
	Sandy	0	0	1	0.94	4	38
	Bear	0	0	2	0.94	6	54
	Nelson	0	0	1	0.94	3	33
	NW Dist.-BH	0	0	1	0.94	3	34
South Peninsula		0	0	6	0.93	12	99
Chignik	Black Lake	132,084	119,254	141,636	0.00	130,219	6,805
	Chignik Lake	94	0	5,255	0.27	1,173	1,873
East of WASSIP		0	0	5	0.93	14	116
Total		132,178				132,181	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.
[a] Adjusted median; 1.02 times unadjusted median.

Appendix C8.–Chignik Bay District, Chignik Area, Westward Region, 2006, temporal stratum 3. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 3 (6/29–7/4; Harvest = 116,238; n = 379)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	1	0.94	3	34
Kuskokwim Bay	Kuskokwim R.	0	0	1	0.94	3	32
	Kanektok	0	0	1	0.94	4	38
	Goodnews	0	0	1	0.94	3	34
Bristol Bay	Togiak	0	0	1	0.94	3	34
	Igushik	0	0	388	0.86	52	214
	Wood	0	0	160	0.89	32	161
	Nushagak	363	0	1,463	0.27	479	507
	Kvichak	0	0	1,194	0.53	258	440
	Alagnak	0	0	243	0.85	35	142
	Naknek	0	0	19	0.91	13	90
	Egegik	0	0	7	0.93	9	68
	Ugashik	0	0	10	0.92	16	118
North Peninsula	Cinder	0	0	1	0.94	3	34
	Meshik	0	0	2	0.94	5	49
	Ilnik	0	0	2	0.94	7	61
	Sandy	0	0	1	0.94	4	39
	Bear	0	0	4	0.93	8	71
	Nelson	0	0	1	0.94	3	33
	NW Dist.-BH	0	0	1	0.94	3	33
South Peninsula		0	0	1	0.94	4	38
Chignik	Black Lake	98,321	87,216	108,359	0.00	97,660	6,446
	Chignik Lake	17,554	10,978	25,149	0.00	17,650	4,318
East of WASSIP		0	0	1	0.94	3	31
Total		116,238				116,260	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.01 times unadjusted median.

Appendix C9.–Chignik Bay District, Chignik Area, Westward Region, 2006, temporal stratum 4. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 4 (7/5–7/10; Harvest = 62,390; n = 399)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	1	0.95	2	17
Kuskokwim Bay	Kuskokwim R.	0	0	1	0.95	2	16
	Kanektok	0	0	0	0.95	2	16
	Goodnews	0	0	1	0.95	2	17
Bristol Bay	Togiak	0	0	1	0.95	2	16
	Igushik	0	0	1	0.95	2	20
	Wood	0	0	1	0.95	1	14
	Nushagak	0	0	1	0.95	2	18
	Kvichak	0	0	16	0.92	7	45
	Alagnak	115	8	490	0.00	164	163
	Naknek	0	0	1	0.95	2	19
	Egegik	326	0	1,074	0.31	375	374
	Ugashik	0	0	895	0.58	201	325
North Peninsula	Cinder	0	0	1	0.94	3	30
	Meshik	0	0	1	0.94	3	29
	Ilnik	0	0	1	0.95	2	20
	Sandy	0	0	1	0.94	3	26
	Bear	0	0	1	0.95	2	24
	Nelson	0	0	1	0.95	2	16
	NW Dist.-BH	0	0	1	0.95	2	19
South Peninsula		0	0	8	0.92	6	41
Chignik	Black Lake	44,311	38,696	49,570	0.00	44,021	3,309
	Chignik Lake	17,639	13,439	22,022	0.00	17,585	2,609
East of WASSIP		0	0	1	0.95	2	19
Total		62,391				62,395	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.01 times unadjusted median.

Appendix C10.–Chignik Bay District, Chignik Area, Westward Region, 2006, temporal stratum 5. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 5 (7/11–7/19; Harvest = 87,291; n = 398)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	1	0.95	2	23
Kuskokwim Bay	Kuskokwim R.	0	0	1	0.95	2	22
	Kanektok	0	0	1	0.95	2	22
	Goodnews	0	0	1	0.95	2	22
Bristol Bay	Togiak	0	0	1	0.95	2	23
	Igushik	0	0	1	0.95	2	23
	Wood	0	0	1	0.95	2	21
	Nushagak	0	0	1	0.95	3	26
	Kvichak	0	0	18	0.92	13	85
	Alagnak	0	0	1	0.94	3	27
	Naknek	0	0	9	0.92	12	82
	Egegik	0	0	676	0.82	86	268
	Ugashik	561	0	1,497	0.14	618	475
North Peninsula	Cinder	0	0	1	0.94	3	30
	Meshik	0	0	1	0.94	2	24
	Ilnik	0	0	1	0.94	4	35
	Sandy	0	0	1	0.94	3	26
	Bear	0	0	1	0.94	3	30
	Nelson	0	0	1	0.94	3	33
	NW Dist.-BH	0	0	1	0.94	3	27
South Peninsula		0	0	1	0.95	3	32
Chignik	Black Lake	36,907	31,035	42,862	0.00	36,831	3,598
	Chignik Lake	49,822	43,356	56,390	0.00	49,705	3,966
East of WASSIP		0	0	1	0.94	3	33
Total		87,290				87,312	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.
[a] Adjusted median; 1.00 times unadjusted median.

Appendix C11.–Chignik Bay District, Chignik Area, Westward Region, 2006, temporal stratum 6. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 6 (7/21–7/31; Harvest = 156,065; n = 398)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	2	0.94	4	43
Kuskokwim Bay	Kuskokwim R.	0	0	1	0.94	4	40
	Kanektok	0	0	2	0.94	4	41
	Goodnews	0	0	2	0.94	5	51
Bristol Bay	Togiak	0	0	1	0.94	4	44
	Igushik	0	0	2	0.94	5	47
	Wood	0	0	1	0.94	4	38
	Nushagak	0	0	2	0.94	6	57
	Kvichak	0	0	1	0.94	4	40
	Alagnak	254	0	1,162	0.05	374	393
	Naknek	0	0	2	0.94	4	41
	Egegik	0	0	1	0.94	4	38
	Ugashik	0	0	2	0.94	5	48
North Peninsula	Cinder	0	0	2	0.94	6	56
	Meshik	0	0	2	0.94	5	51
	Ilnik	0	0	43	0.91	22	140
	Sandy	0	0	2	0.94	5	50
	Bear	0	0	2	0.94	5	55
	Nelson	0	0	2	0.94	6	54
	NW Dist.-BH	0	0	3	0.94	8	81
South Peninsula		0	0	3	0.93	10	99
Chignik	Black Lake	21,176	14,688	28,537	0.00	21,284	4,223
	Chignik Lake	134,635	121,633	147,514	0.00	134,257	7,880
East of WASSIP		0	0	2	0.94	6	53
Total		156,065				156,041	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.00 times unadjusted median.

Appendix C12.–Chignik Bay District, Chignik Area, Westward Region, 2006, temporal stratum Late Catch. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum Late Catch (> 8/5; Harvest = 67,314; n = 0[b])					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	0	1.00	0	0
Kuskokwim Bay	Kuskokwim R.	0	0	0	1.00	0	0
	Kanektok	0	0	0	1.00	0	0
	Goodnews	0	0	0	1.00	0	0
Bristol Bay	Togiak	0	0	0	1.00	0	0
	Igushik	0	0	0	1.00	0	0
	Wood	0	0	0	1.00	0	0
	Nushagak	0	0	0	1.00	0	0
	Kvichak	0	0	0	1.00	0	0
	Alagnak	0	0	0	1.00	0	0
	Naknek	0	0	0	1.00	0	0
	Egegik	0	0	0	1.00	0	0
	Ugashik	0	0	0	1.00	0	0
North Peninsula	Cinder	0	0	0	1.00	0	0
	Meshik	0	0	0	1.00	0	0
	Ilnik	0	0	0	1.00	0	0
	Sandy	0	0	0	1.00	0	0
	Bear	0	0	0	1.00	0	0
	Nelson	0	0	0	1.00	0	0
	NW Dist.-BH	0	0	0	1.00	0	0
South Peninsula		0	0	0	1.00	0	0
Chignik	Black Lake	0	0	0	1.00	0	0
	Chignik Lake	67,314	61,933	72,995	0.00	67,306	3,360
East of WASSIP		0	0	0	1.00	0	0
Total		67,314				67,306	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.00 times unadjusted median.

[b] Not part of WASSIP sampling plan. Assumed 100% fish harvested belong to Chignik Lake subregional reporting group.

Appendix C13.–Chignik Bay District, Chignik Area, Westward Region, 2007, temporal stratum 1. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 1 (6/9–6/19; Harvest = 45,221; n = 397)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	8	0.92	5	31
Kuskokwim Bay	Kuskokwim R.	0	0	0	0.95	1	11
	Kanektok	0	0	1	0.95	1	13
	Goodnews	0	0	1	0.95	2	15
Bristol Bay	Togiak	0	0	0	0.95	1	12
	Igushik	0	0	0	0.95	1	12
	Wood	0	0	0	0.95	1	12
	Nushagak	0	0	0	0.95	1	12
	Kvichak	0	0	1	0.95	2	15
	Alagnak	0	0	0	0.95	1	14
	Naknek	0	0	239	0.69	40	97
	Egegik	439	119	973	0.01	476	266
	Ugashik	0	0	26	0.91	16	94
North Peninsula	Cinder	0	0	1	0.95	2	20
	Meshik	0	0	1	0.94	3	25
	Ilnik	0	0	1	0.95	2	17
	Sandy	0	0	2	0.94	3	26
	Bear	63	0	448	0.29	123	160
	Nelson	0	0	0	0.95	1	12
	NW Dist.-BH	0	0	1	0.95	2	16
South Peninsula		0	0	0	0.95	2	15
Chignik	Black Lake	44,719	40,906	48,323	0.00	44,518	2,255
	Chignik Lake	0	0	4	0.93	17	146
East of WASSIP		0	0	0	0.95	1	12
Total		45,221				45,222	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.01 times unadjusted median.

Appendix C14.–Chignik Bay District, Chignik Area, Westward Region, 2007, temporal stratum 2. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 2 (6/22–6/26; Harvest = 39,470; n = 398)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	0	0.95	1	13
Kuskokwim Bay	Kuskokwim R.	0	0	0	0.95	1	10
	Kanektok	0	0	0	0.95	1	14
	Goodnews	0	0	0	0.95	1	9
Bristol Bay	Togiak	0	0	0	0.95	1	11
	Igushik	0	0	2	0.94	3	23
	Wood	133	0	443	0.08	164	143
	Nushagak	0	0	1	0.94	3	23
	Kvichak	0	0	1	0.95	2	17
	Alagnak	0	0	1	0.95	2	16
	Naknek	153	0	578	0.36	190	204
	Egegik	0	0	549	0.59	127	201
	Ugashik	0	0	2	0.94	3	26
North Peninsula	Cinder	0	0	1	0.95	2	19
	Meshik	0	0	1	0.95	2	17
	Ilnik	0	0	1	0.95	2	20
	Sandy	0	0	0	0.95	1	11
	Bear	0	0	5	0.93	4	28
	Nelson	0	0	0	0.95	1	10
	NW Dist.-BH	0	0	1	0.95	2	15
South Peninsula		0	0	186	0.85	24	87
Chignik	Black Lake	36,277	32,687	39,389	0.00	35,972	2,036
	Chignik Lake	2,906	1,534	4,620	0.00	2,950	944
East of WASSIP		0	0	91	0.85	13	50
Total		39,469				39,472	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.01 times unadjusted median.

Appendix C15.–Chignik Bay District, Chignik Area, Westward Region, 2007, temporal stratum 3. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 3 (6/28–7/4; Harvest = 78,118; n = 397)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	1	0.95	2	21
Kuskokwim Bay	Kuskokwim R.	0	0	1	0.95	2	19
	Kanektok	0	0	1	0.95	2	20
	Goodnews	0	0	1	0.95	2	22
Bristol Bay	Togiak	0	0	1	0.95	2	19
	Igushik	0	0	1	0.95	2	21
	Wood	0	0	1	0.95	2	20
	Nushagak	0	0	1	0.95	2	21
	Kvichak	393	82	1,109	0.00	465	331
	Alagnak	0	0	1	0.95	2	21
	Naknek	19	0	478	0.44	109	176
	Egegik	0	0	770	0.53	172	283
	Ugashik	0	0	804	0.54	177	296
North Peninsula	Cinder	0	0	1	0.94	3	33
	Meshik	0	0	1	0.95	2	24
	Ilnik	0	0	1	0.94	4	41
	Sandy	0	0	1	0.94	3	31
	Bear	0	0	2	0.94	4	38
	Nelson	0	0	1	0.95	2	18
	NW Dist.-BH	0	0	1	0.94	3	25
South Peninsula		0	0	1	0.94	3	27
Chignik	Black Lake	60,669	53,476	67,118	0.00	60,169	4,161
	Chignik Lake	17,037	12,324	22,066	0.00	16,988	2,965
East of WASSIP		0	0	1	0.95	2	20
Total		78,118				78,124	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.
[a] Adjusted median; 1.01 times unadjusted median.

Appendix C16.–Chignik Bay District, Chignik Area, Westward Region, 2007, temporal stratum 4. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 4 (7/5–7/11; Harvest = 66,463; n = 400)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	1	0.95	2	18
Kuskokwim Bay	Kuskokwim R.	0	0	1	0.95	2	17
	Kanektok	0	0	1	0.94	3	28
	Goodnews	0	0	1	0.95	2	23
Bristol Bay	Togiak	0	0	1	0.95	2	21
	Igushik	0	0	148	0.84	21	82
	Wood	0	0	99	0.87	15	69
	Nushagak	0	0	4	0.93	5	39
	Kvichak	0	0	1	0.95	2	18
	Alagnak	283	60	796	0.00	336	237
	Naknek	0	0	11	0.92	7	49
	Egegik	0	0	729	0.81	93	268
	Ugashik	763	0	1,616	0.12	774	488
North Peninsula	Cinder	0	0	1	0.95	2	23
	Meshik	0	0	1	0.94	4	32
	Ilnik	0	0	1	0.95	2	20
	Sandy	0	0	1	0.95	2	20
	Bear	0	0	2	0.94	5	39
	Nelson	0	0	1	0.95	2	18
	NW Dist.-BH	0	0	1	0.95	2	18
South Peninsula		0	0	2	0.94	5	48
Chignik	Black Lake	16,659	13,050	20,451	0.00	16,621	2,247
	Chignik Lake	48,670	43,305	53,840	0.00	48,430	3,200
East of WASSIP		88	0	470	0.16	140	163
Total		66,463				66,479	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.01 times unadjusted median.

Appendix C17.–Chignik Bay District, Chignik Area, Westward Region, 2007, temporal stratum 5. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 5 (7/12–7/16; Harvest = 78,697; n = 396)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	1	0.95	2	23
Kuskokwim Bay	Kuskokwim R.	0	0	1	0.95	2	21
	Kanektok	0	0	1	0.95	2	20
	Goodnews	0	0	1	0.95	2	20
Bristol Bay	Togiak	0	0	1	0.95	2	20
	Igushik	0	0	1	0.95	2	21
	Wood	0	0	1	0.95	2	21
	Nushagak	0	0	1	0.95	2	22
	Kvichak	0	0	1	0.94	3	31
	Alagnak	0	0	1	0.95	2	23
	Naknek	0	0	39	0.91	19	109
	Egegik	244	0	912	0.22	312	311
	Ugashik	0	0	581	0.74	92	219
North Peninsula	Cinder	0	0	5	0.93	8	59
	Meshik	0	0	1	0.95	3	27
	Ilnik	0	0	2	0.94	5	42
	Sandy	0	0	1	0.94	3	29
	Bear	0	0	1	0.95	2	24
	Nelson	0	0	1	0.95	2	22
	NW Dist.-BH	0	0	1	0.94	2	23
South Peninsula		0	0	1	0.95	3	30
Chignik	Black Lake	8,311	5,006	12,121	0.00	8,372	2,168
	Chignik Lake	70,142	63,232	76,721	0.00	69,810	4,111
East of WASSIP		0	0	274	0.76	40	120
Total		78,697				78,694	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.01 times unadjusted median.

Appendix C18.–Chignik Bay District, Chignik Area, Westward Region, 2007, temporal stratum 6. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 6 (7/20–7/31; Harvest = 141,849; n = 399)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	1	0.94	4	37
Kuskokwim Bay	Kuskokwim R.	0	0	1	0.94	4	38
	Kanektok	0	0	1	0.94	4	43
	Goodnews	0	0	1	0.94	4	41
Bristol Bay	Togiak	0	0	1	0.94	4	38
	Igushik	0	0	4	0.93	8	67
	Wood	0	0	8	0.92	10	76
	Nushagak	0	0	2	0.94	6	53
	Kvichak	0	0	1	0.94	4	38
	Alagnak	0	0	4	0.93	8	65
	Naknek	0	0	1	0.94	4	35
	Egegik	0	0	1	0.94	4	39
	Ugashik	0	0	1	0.94	4	37
North Peninsula	Cinder	0	0	1	0.94	4	42
	Meshik	0	0	1	0.94	4	39
	Ilnik	0	0	7	0.92	13	104
	Sandy	0	0	8	0.92	11	83
	Bear	0	0	2	0.94	5	48
	Nelson	0	0	1	0.94	5	47
	NW Dist.-BH	0	0	1	0.94	4	42
South Peninsula		0	0	1	0.94	4	39
Chignik	Black Lake	10,696	6,322	16,014	0.00	10,845	2,951
	Chignik Lake	131,153	119,375	142,930	0.00	130,863	7,163
East of WASSIP		0	0	1	0.94	4	39
Total		141,849				141,830	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.00 times unadjusted median.

Appendix C19.–Chignik Bay District, Chignik Area, Westward Region, 2007, temporal stratum Late Catch. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum Late Catch (> 8/1; Harvest = 95,438; n = 0[b])					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	0	1.00	0	0
Kuskokwim Bay	Kuskokwim R.	0	0	0	1.00	0	0
	Kanektok	0	0	0	1.00	0	0
	Goodnews	0	0	0	1.00	0	0
Bristol Bay	Togiak	0	0	0	1.00	0	0
	Igushik	0	0	0	1.00	0	0
	Wood	0	0	0	1.00	0	0
	Nushagak	0	0	0	1.00	0	0
	Kvichak	0	0	0	1.00	0	0
	Alagnak	0	0	0	1.00	0	0
	Naknek	0	0	0	1.00	0	0
	Egegik	0	0	0	1.00	0	0
	Ugashik	0	0	0	1.00	0	0
North Peninsula	Cinder	0	0	0	1.00	0	0
	Meshik	0	0	0	1.00	0	0
	Ilnik	0	0	0	1.00	0	0
	Sandy	0	0	0	1.00	0	0
	Bear	0	0	0	1.00	0	0
	Nelson	0	0	0	1.00	0	0
	NW Dist.-BH	0	0	0	1.00	0	0
South Peninsula		0	0	0	1.00	0	0
Chignik	Black Lake	0	0	0	1.00	0	0
	Chignik Lake	95,438	87,859	103,526	0.00	95,476	4,765
East of WASSIP		0	0	0	1.00	0	0
Total		95,438				95,476	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.00 times unadjusted median.

[b] Not part of WASSIP sampling plan. Assumed 100% fish harvested belong to Chignik Lake subregional reporting group.

Appendix C20.–Chignik Bay District, Chignik Area, Westward Region, 2008, temporal stratum 1. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 1 (6/9–6/25; Harvest = 55,871; n = 398)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	0	0.95	2	15
Kuskokwim Bay	Kuskokwim R.	0	0	1	0.95	2	16
	Kanektok	0	0	59	0.89	12	59
	Goodnews	0	0	526	0.72	83	195
Bristol Bay	Togiak	0	0	107	0.87	16	71
	Igushik	0	0	3	0.94	4	31
	Wood	24	0	375	0.40	89	140
	Nushagak	0	0	1	0.95	2	21
	Kvichak	0	0	0	0.95	1	15
	Alagnak	0	0	1	0.95	2	21
	Naknek	0	0	0	0.95	1	15
	Egegik	0	0	0	0.95	2	21
	Ugashik	0	0	1	0.95	2	19
North Peninsula	Cinder	0	0	13	0.92	8	52
	Meshik	0	0	1	0.95	2	23
	Ilnik	0	0	1	0.95	2	22
	Sandy	0	0	1	0.95	2	16
	Bear	0	0	3	0.93	6	44
	Nelson	71	0	413	0.19	119	145
	NW Dist.-BH	0	0	1	0.95	2	16
South Peninsula		0	0	1	0.95	2	19
Chignik	Black Lake	52,752	47,724	57,754	0.00	52,566	3,055
	Chignik Lake	3,024	0	5,386	0.09	2,938	1,539
East of WASSIP		0	0	0	0.95	2	15
Total		55,871				55,867	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.01 times unadjusted median.

Appendix C21.–Chignik Bay District, Chignik Area, Westward Region, 2008, temporal stratum 2. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 2 (6/26–7/1; Harvest = 114,252; n = 397)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	1	0.94	3	32
Kuskokwim Bay	Kuskokwim R.	0	0	1	0.94	3	32
	Kanektok	0	0	1	0.94	3	29
	Goodnews	0	0	1	0.94	3	29
Bristol Bay	Togiak	0	0	1	0.94	3	30
	Igushik	0	0	1	0.94	3	30
	Wood	0	0	1	0.94	3	30
	Nushagak	0	0	1	0.94	3	30
	Kvichak	0	0	11	0.92	11	73
	Alagnak	0	0	89	0.89	19	100
	Naknek	172	0	840	0.10	262	289
	Egegik	0	0	398	0.78	57	178
	Ugashik	0	0	515	0.72	81	214
North Peninsula	Cinder	0	0	734	0.78	102	292
	Meshik	0	0	16	0.92	17	117
	Ilnik	0	0	2	0.94	6	55
	Sandy	0	0	2	0.94	4	38
	Bear	0	0	2	0.94	5	50
	Nelson	0	0	1	0.94	3	30
	NW Dist.-BH	0	0	2	0.94	5	44
South Peninsula		0	0	7	0.93	11	83
Chignik	Black Lake	98,311	87,362	108,900	0.00	97,864	6,565
	Chignik Lake	15,769	8,489	23,319	0.00	15,756	4,476
East of WASSIP		0	0	1	0.94	3	35
Total		114,252				114,230	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.01 times unadjusted median.

Appendix C22.–Chignik Bay District, Chignik Area, Westward Region, 2008, temporal stratum 3. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 3 (7/4–7/5; Harvest = 43,296; n = 397)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	0	0.95	1	11
Kuskokwim Bay	Kuskokwim R.	0	0	0	0.95	1	11
	Kanektok	0	0	0	0.95	1	12
	Goodnews	0	0	1	0.95	2	15
Bristol Bay	Togiak	0	0	0	0.95	1	11
	Igushik	0	0	27	0.91	8	44
	Wood	0	0	145	0.83	20	71
	Nushagak	0	0	3	0.93	4	33
	Kvichak	0	0	157	0.79	22	69
	Alagnak	89	0	454	0.34	136	160
	Naknek	0	0	89	0.85	13	50
	Egegik	0	0	1	0.94	2	20
	Ugashik	0	0	4	0.93	4	29
North Peninsula	Cinder	0	0	1	0.95	1	14
	Meshik	0	0	1	0.95	2	17
	Ilnik	0	0	1	0.94	2	21
	Sandy	0	0	0	0.95	1	14
	Bear	0	0	1	0.95	2	19
	Nelson	0	0	236	0.56	47	90
	NW Dist.-BH	0	0	0	0.95	1	12
South Peninsula		0	0	1	0.95	2	21
Chignik	Black Lake	22,984	19,663	26,275	0.00	22,881	2,012
	Chignik Lake	20,223	17,056	23,400	0.00	20,140	1,930
East of WASSIP		0	0	0	0.95	1	12
Total		43,296				43,295	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.01 times unadjusted median.

Appendix C23.–Chignik Bay District, Chignik Area, Westward Region, 2008, temporal stratum 4. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 4 (7/6–7/10; Harvest = 61,138; n = 400)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	1	0.95	2	15
Kuskokwim Bay	Kuskokwim R.	0	0	1	0.95	2	16
	Kanektok	0	0	1	0.95	2	16
	Goodnews	0	0	1	0.95	1	15
Bristol Bay	Togiak	0	0	0	0.95	1	15
	Igushik	0	0	1	0.95	2	16
	Wood	0	0	1	0.95	2	16
	Nushagak	0	0	0	0.95	1	15
	Kvichak	0	0	1	0.95	2	16
	Alagnak	0	0	1	0.95	2	16
	Naknek	0	0	1	0.94	3	27
	Egegik	0	0	1	0.94	3	25
	Ugashik	0	0	81	0.88	13	61
North Peninsula	Cinder	0	0	1	0.95	2	18
	Meshik	0	0	1	0.95	2	20
	Ilnik	0	0	1	0.95	2	19
	Sandy	0	0	1	0.95	2	22
	Bear	0	0	1	0.95	2	20
	Nelson	0	0	1	0.95	2	16
	NW Dist.-BH	0	0	13	0.92	7	44
South Peninsula		0	0	1	0.94	3	26
Chignik	Black Lake	27,799	23,185	32,632	0.00	27,779	2,871
	Chignik Lake	33,339	28,414	38,363	0.00	33,294	3,026
East of WASSIP		0	0	0	0.95	2	15
Total		61,138				61,133	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.00 times unadjusted median.

Appendix C24.–Chignik Bay District, Chignik Area, Westward Region, 2008, temporal stratum 6. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 6 (7/18–7/31; Harvest = 88,042; n = 397)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	1	0.95	2	24
Kuskokwim Bay	Kuskokwim R.	0	0	1	0.95	2	22
	Kanektok	0	0	1	0.95	2	24
	Goodnews	0	0	1	0.95	3	26
Bristol Bay	Togiak	0	0	1	0.94	3	25
	Igushik	0	0	1	0.95	2	24
	Wood	0	0	1	0.95	2	23
	Nushagak	0	0	1	0.95	2	23
	Kvichak	0	0	441	0.83	56	189
	Alagnak	0	0	37	0.91	12	70
	Naknek	302	0	997	0.14	367	328
	Egegik	123	0	665	0.16	197	230
	Ugashik	0	0	15	0.92	13	83
North Peninsula	Cinder	0	0	3	0.93	8	64
	Meshik	0	0	1	0.94	3	29
	Ilnik	0	0	1	0.95	2	23
	Sandy	0	0	1	0.94	3	31
	Bear	0	0	1	0.94	3	32
	Nelson	0	0	1	0.94	2	25
	NW Dist.-BH	0	0	1	0.95	3	26
South Peninsula		0	0	1	0.94	3	28
Chignik	Black Lake	7,320	4,383	10,733	0.00	7,383	1,934
	Chignik Lake	80,298	72,854	87,474	0.00	79,962	4,439
East of WASSIP		0	0	1	0.94	4	36
Total		88,043				88,039	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.01 times unadjusted median.

Appendix C25.–Chignik Bay District, Chignik Area, Westward Region, 2008, temporal stratum Late Catch. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum Late Catch (> 8/1; Harvest = 164,427; n = 0[b])					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	0	1.00	0	0
Kuskokwim Bay	Kuskokwim R.	0	0	0	1.00	0	0
	Kanektok	0	0	0	1.00	0	0
	Goodnews	0	0	0	1.00	0	0
Bristol Bay	Togiak	0	0	0	1.00	0	0
	Igushik	0	0	0	1.00	0	0
	Wood	0	0	0	1.00	0	0
	Nushagak	0	0	0	1.00	0	0
	Kvichak	0	0	0	1.00	0	0
	Alagnak	0	0	0	1.00	0	0
	Naknek	0	0	0	1.00	0	0
	Egegik	0	0	0	1.00	0	0
	Ugashik	0	0	0	1.00	0	0
North Peninsula	Cinder	0	0	0	1.00	0	0
	Meshik	0	0	0	1.00	0	0
	Ilnik	0	0	0	1.00	0	0
	Sandy	0	0	0	1.00	0	0
	Bear	0	0	0	1.00	0	0
	Nelson	0	0	0	1.00	0	0
	NW Dist.-BH	0	0	0	1.00	0	0
South Peninsula		0	0	0	1.00	0	0
Chignik	Black Lake	0	0	0	1.00	0	0
	Chignik Lake	164,427	151,416	178,326	0.00	164,470	8,214
East of WASSIP		0	0	0	1.00	0	0
Total		164,427				164,470	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.00 times unadjusted median.

[b] Not part of WASSIP sampling plan. Assumed 100% fish harvested belong to Chignik Lake subregional reporting group.

Appendix C26.–Western and Perryville districts, Chignik Area, Westward Region, 2006, temporal stratum 2. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 2 (7/11–7/16; Harvest = 30,032; n = 369)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	0	0.95	1	10
Kuskokwim Bay	Kuskokwim R.	0	0	0	0.95	1	9
	Kanektok	0	0	1	0.95	1	13
	Goodnews	0	0	0	0.95	1	10
Bristol Bay	Togiak	0	0	0	0.95	1	9
	Igushik	96	0	373	0.23	124	127
	Wood	0	0	26	0.91	8	42
	Nushagak	0	0	23	0.91	6	35
	Kvichak	0	0	0	0.95	1	9
	Alagnak	137	17	407	0.01	164	125
	Naknek	0	0	0	0.95	1	9
	Egegik	0	0	0	0.96	1	9
	Ugashik	0	0	0	0.96	1	9
North Peninsula	Cinder	0	0	43	0.89	8	37
	Meshik	0	0	0	0.95	1	12
	Ilnik	0	0	0	0.95	1	14
	Sandy	0	0	0	0.95	1	12
	Bear	0	0	0	0.95	1	10
	Nelson	0	0	0	0.95	1	10
	NW Dist.-BH	0	0	0	0.95	1	10
South Peninsula		0	0	13	0.92	5	27
Chignik	Black Lake	15,543	13,484	17,558	0.00	15,473	1,241
	Chignik Lake	4,219	2,951	5,635	0.00	4,229	820
East of WASSIP		10,038	8,578	11,535	0.00	10,004	897
Total		30,033				30,036	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.01 times unadjusted median.

Appendix C27.–Western and Perryville districts, Chignik Area, Westward Region, 2006, temporal stratum 3. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 3 (7/20–7/28; Harvest = 32,347; n = 330)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	0	0.95	1	11
Kuskokwim Bay	Kuskokwim R.	0	0	0	0.95	1	11
	Kanektok	0	0	0	0.95	1	11
	Goodnews	0	0	1	0.94	2	21
Bristol Bay	Togiak	0	0	1	0.95	2	19
	Igushik	0	0	0	0.95	1	14
	Wood	0	0	0	0.95	1	11
	Nushagak	0	0	2	0.94	3	25
	Kvichak	0	0	1	0.95	2	17
	Alagnak	0	0	0	0.95	1	10
	Naknek	0	0	0	0.95	1	12
	Egegik	38	0	355	0.34	91	128
	Ugashik	0	0	221	0.79	31	94
North Peninsula	Cinder	0	0	2	0.94	4	33
	Meshik	0	0	1	0.94	3	25
	Ilnik	0	0	1	0.95	2	24
	Sandy	0	0	2	0.94	4	33
	Bear	0	0	17	0.92	8	46
	Nelson	0	0	21	0.91	6	32
	NW Dist.-BH	0	0	0	0.95	1	13
South Peninsula		0	0	2	0.94	5	46
Chignik	Black Lake	7,165	5,419	9,037	0.00	7,157	1,102
	Chignik Lake	15,123	12,802	17,383	0.00	15,040	1,392
East of WASSIP		10,021	8,399	11,654	0.00	9,974	993
Total		32,347				32,342	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.01 times unadjusted median.

Appendix C28.–Western and Perryville districts, Chignik Area, Westward Region, 2006, temporal stratum Late Catch. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero (P = 0), mean, and SD.

Reporting Group		Stratum Late Catch (> 8/6; Harvest = 7,191; n = 0[b])					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	P = 0	Mean	SD
Norton Sound		0	0	0	0.97	0	3
Kuskokwim Bay	Kuskokwim R.	0	0	0	0.97	0	2
	Kanektok	0	0	0	0.97	0	2
	Goodnews	0	0	0	0.96	1	5
Bristol Bay	Togiak	0	0	0	0.96	0	4
	Igushik	0	0	0	0.96	0	3
	Wood	0	0	0	0.97	0	2
	Nushagak	0	0	1	0.95	1	6
	Kvichak	0	0	0	0.96	0	4
	Alagnak	0	0	0	0.97	0	2
	Naknek	0	0	0	0.97	0	3
	Egegik	8	0	79	0.36	20	28
	Ugashik	0	0	49	0.80	7	21
North Peninsula	Cinder	0	0	0	0.95	1	7
	Meshik	0	0	0	0.96	1	6
	Ilnik	0	0	0	0.96	1	5
	Sandy	0	0	0	0.95	1	7
	Bear	0	0	4	0.93	2	10
	Nelson	0	0	5	0.92	1	7
	NW Dist.-BH	0	0	0	0.97	0	3
South Peninsula		0	0	1	0.95	1	10
Chignik	Black Lake	1,595	1,203	2,009	0.00	1,591	245
	Chignik Lake	3,361	2,846	3,866	0.00	3,344	309
East of WASSIP		2,227	1,867	2,591	0.00	2,217	221
Total		7,191				7,189	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.01 times unadjusted median.

[b] Not part of WASSIP sampling plan. Stock composition estimate from temporal stratum 3, 2006, Western and Perryville districts used as proxy.

Appendix C29.–Western and Perryville districts, Chignik Area, Westward Region, 2007, temporal stratum 2. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 2 (7/9–7/15; Harvest = 59,684; n = 399)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	2	0.94	5	50
Kuskokwim Bay	Kuskokwim R.	0	0	56	0.90	20	111
	Kanektok	0	0	80	0.90	23	120
	Goodnews	619	0	1,631	0.22	648	544
Bristol Bay	Togiak	0	0	752	0.66	143	282
	Igushik	1,038	0	2,135	0.24	955	727
	Wood	0	0	1,366	0.65	287	494
	Nushagak	0	0	6	0.93	7	49
	Kvichak	107	8	455	0.01	151	153
	Alagnak	694	255	1,392	0.00	735	355
	Naknek	1,177	489	2,151	0.00	1,216	512
	Egegik	1,030	0	2,662	0.24	1,058	909
	Ugashik	2,646	1,158	4,307	0.01	2,640	975
North Peninsula	Cinder	0	0	1,103	0.73	180	398
	Meshik	1,112	0	2,485	0.23	1,073	835
	Ilnik	0	0	2	0.94	5	46
	Sandy	0	0	5	0.93	6	45
	Bear	0	0	46	0.90	14	80
	Nelson	0	0	29	0.91	13	77
	NW Dist.-BH	0	0	1	0.95	2	18
South Peninsula		0	0	3	0.93	6	48
Chignik	Black Lake	18,064	14,393	21,376	0.00	17,786	2,131
	Chignik Lake	22,003	18,020	25,531	0.00	21,657	2,284
East of WASSIP		11,194	8,921	13,331	0.00	11,038	1,345
Total		59,684				59,668	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.02 times unadjusted median.

Appendix C30.–Western and Perryville districts, Chignik Area, Westward Region, 2007, temporal stratum 3. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 3 (7/20–7/31; Harvest = 48,923; n = 399)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	3	0.93	5	44
Kuskokwim Bay	Kuskokwim R.	0	0	4	0.93	7	57
	Kanektok	0	0	201	0.88	33	150
	Goodnews	1,195	439	2,053	0.02	1,192	500
Bristol Bay	Togiak	0	0	685	0.83	85	285
	Igushik	0	0	14	0.91	9	62
	Wood	377	0	974	0.09	412	303
	Nushagak	0	0	610	0.61	118	224
	Kvichak	97	7	414	0.00	138	143
	Alagnak	66	0	479	0.29	129	171
	Naknek	378	0	1,004	0.13	411	320
	Egegik	774	0	1,783	0.24	745	605
	Ugashik	39	0	1,650	0.42	434	595
North Peninsula	Cinder	475	0	1,498	0.33	527	527
	Meshik	0	0	937	0.70	148	338
	Ilnik	0	0	6	0.93	12	92
	Sandy	0	0	1	0.94	3	29
	Bear	599	218	1,211	0.00	632	310
	Nelson	0	0	1	0.94	3	26
	NW Dist.-BH	0	0	4	0.93	8	57
South Peninsula		0	0	7	0.93	8	58
Chignik	Black Lake	4,313	2,574	6,127	0.00	4,255	1,084
	Chignik Lake	21,136	17,675	23,708	0.00	20,613	1,833
East of WASSIP		19,475	16,366	21,770	0.00	18,993	1,643
Total		48,924				48,920	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.03 times unadjusted median.

Appendix C31.–Western and Perryville districts, Chignik Area, Westward Region, 2007, temporal stratum Late Catch. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero (P = 0), mean, and SD.

Reporting Group		Stratum Late Catch (> 8/1; Harvest = 11,698; n = 0[b])					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	P = 0	Mean	SD
Norton Sound		0	0	1	0.95	1	10
Kuskokwim Bay	Kuskokwim R.	0	0	1	0.94	2	14
	Kanektok	0	0	48	0.89	8	36
	Goodnews	286	105	492	0.02	285	120
Bristol Bay	Togiak	0	0	164	0.85	20	68
	Igushik	0	0	3	0.92	2	15
	Wood	90	0	233	0.09	99	72
	Nushagak	0	0	146	0.62	28	54
	Kvichak	24	2	99	0.01	33	34
	Alagnak	15	0	114	0.30	31	41
	Naknek	90	0	239	0.13	98	76
	Egegik	185	0	425	0.25	178	145
	Ugashik	9	0	394	0.44	104	142
North Peninsula	Cinder	113	0	358	0.34	126	126
	Meshik	0	0	224	0.72	35	81
	Ilnik	0	0	1	0.94	3	22
	Sandy	0	0	0	0.96	1	7
	Bear	143	52	290	0.00	151	74
	Nelson	0	0	0	0.96	1	6
	NW Dist.-BH	0	0	1	0.94	2	14
South Peninsula		0	0	2	0.94	2	14
Chignik	Black Lake	1,031	616	1,464	0.00	1,017	259
	Chignik Lake	5,053	4,223	5,672	0.00	4,928	440
East of WASSIP		4,657	3,918	5,200	0.00	4,540	391
Total		11,696				11,695	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.03 times unadjusted median.

[b] Not part of WASSIP sampling plan. Stock composition estimate from temporal stratum 3, 2007, Western and Perryville districts used as proxy.

Appendix C32.–Western and Perryville districts, Chignik Area, Westward Region, 2008, temporal stratum 1. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 1 (6/24–6/30; Harvest = 20,421; n = 396)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	0	0.95	1	11
Kuskokwim Bay	Kuskokwim R.	52	0	272	0.27	81	95
	Kanektok	0	0	0	0.95	1	11
	Goodnews	721	392	1,125	0.00	726	224
Bristol Bay	Togiak	0	0	173	0.74	27	65
	Igushik	631	167	1,132	0.04	633	291
	Wood	850	453	1,335	0.00	855	271
	Nushagak	282	18	664	0.04	303	195
	Kvichak	1,415	859	2,036	0.00	1,410	360
	Alagnak	439	201	776	0.00	453	178
	Naknek	1,204	663	1,873	0.00	1,213	370
	Egegik	1,417	909	2,021	0.00	1,419	341
	Ugashik	1,031	481	1,633	0.01	1,027	355
North Peninsula	Cinder	0	0	1	0.94	2	18
	Meshik	0	0	1	0.95	2	14
	Ilnik	0	0	1	0.95	1	13
	Sandy	0	0	1	0.95	2	14
	Bear	0	0	256	0.52	47	95
	Nelson	0	0	0	0.96	1	6
	NW Dist.-BH	0	0	0	0.95	1	10
South Peninsula		336	143	626	0.00	350	150
Chignik	Black Lake	8,896	7,397	10,179	0.00	8,748	844
	Chignik Lake	1,186	179	2,167	0.01	1,175	587
East of WASSIP		1,960	1,417	2,533	0.00	1,942	341
Total		20,420				20,420	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.02 times unadjusted median.

Appendix C33.–Western and Perryville districts, Chignik Area, Westward Region, 2008, temporal stratum 2. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 2 (7/5–7/9; Harvest = 14,170; n = 173)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	0	0.95	1	14
Kuskokwim Bay	Kuskokwim R.	191	40	494	0.00	215	145
	Kanektok	0	0	0	0.95	2	15
	Goodnews	15	0	217	0.38	52	80
Bristol Bay	Togiak	0	0	12	0.92	5	29
	Igushik	0	0	11	0.87	3	17
	Wood	0	0	15	0.84	3	17
	Nushagak	0	0	2	0.93	2	18
	Kvichak	79	0	347	0.16	111	119
	Alagnak	0	0	5	0.91	2	16
	Naknek	307	94	666	0.00	328	179
	Egegik	458	179	865	0.00	472	212
	Ugashik	0	0	36	0.79	7	33
North Peninsula	Cinder	0	0	193	0.84	24	86
	Meshik	0	0	4	0.93	6	43
	Ilnik	0	0	26	0.91	11	59
	Sandy	0	0	0	0.95	1	13
	Bear	244	20	614	0.04	268	183
	Nelson	50	0	240	0.11	74	82
	NW Dist.-BH	23	0	227	0.35	57	84
South Peninsula		2,783	1,969	3,568	0.00	2,726	490
Chignik	Black Lake	2,044	1,180	2,939	0.00	2,012	536
	Chignik Lake	5,827	4,528	6,894	0.00	5,677	719
East of WASSIP		2,147	1,447	2,857	0.00	2,108	430
Total		14,168				14,167	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.03 times unadjusted median.

Appendix C34.–Western and Perryville districts, Chignik Area, Westward Region, 2008, temporal stratum 3. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 3 (7/21–7/31; Harvest = 15,793; n = 526)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	0	0.96	0	4
Kuskokwim Bay	Kuskokwim R.	1	0	265	0.50	59	94
	Kanektok	0	0	22	0.89	4	16
	Goodnews	0	0	174	0.85	22	83
Bristol Bay	Togiak	307	127	503	0.03	304	119
	Igushik	0	0	29	0.91	7	35
	Wood	224	94	422	0.00	233	102
	Nushagak	493	198	803	0.00	489	184
	Kvichak	703	422	1,022	0.00	700	184
	Alagnak	382	197	615	0.00	385	128
	Naknek	1,274	908	1,643	0.00	1,256	225
	Egegik	1,619	1,149	2,090	0.00	1,597	287
	Ugashik	558	253	920	0.00	560	204
North Peninsula	Cinder	0	0	0	0.95	1	12
	Meshik	0	0	6	0.93	5	34
	Ilnik	362	0	670	0.06	357	187
	Sandy	0	0	111	0.71	18	43
	Bear	1,377	1,000	1,756	0.00	1,357	231
	Nelson	0	0	112	0.69	19	42
	NW Dist.-BH	37	2	147	0.03	50	50
South Peninsula		2,141	1,645	2,618	0.00	2,107	296
Chignik	Black Lake	53	0	402	0.26	114	142
	Chignik Lake	3,916	3,211	4,505	0.00	3,839	394
East of WASSIP		2,347	1,844	2,818	0.00	2,308	297
Total		15,794				15,791	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.02 times unadjusted median.

Appendix C35.–Western and Perryville districts, Chignik Area, Westward Region, 2008, temporal stratum Late Catch. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero (P = 0), mean, and SD.

Reporting Group		Stratum Late Catch (> 8/1; Harvest = 24,470; n = 0[b])					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	P = 0	Mean	SD
Norton Sound		0	0	0	0.96	1	6
Kuskokwim Bay	Kuskokwim R.	1	0	410	0.49	91	146
	Kanektok	0	0	35	0.88	5	24
	Goodnews	0	0	270	0.85	35	129
Bristol Bay	Togiak	476	197	780	0.03	471	184
	Igushik	0	0	44	0.90	10	53
	Wood	348	145	654	0.00	362	158
	Nushagak	765	307	1,244	0.00	757	285
	Kvichak	1,089	653	1,583	0.00	1,085	284
	Alagnak	591	306	955	0.00	597	199
	Naknek	1,973	1,407	2,545	0.00	1,946	347
	Egegik	2,507	1,779	3,242	0.00	2,474	445
	Ugashik	864	393	1,424	0.00	868	317
North Peninsula	Cinder	0	0	1	0.95	2	19
	Meshik	0	0	10	0.92	8	52
	Ilnik	562	0	1,041	0.06	553	290
	Sandy	0	0	171	0.71	28	67
	Bear	2,132	1,549	2,719	0.00	2,103	358
	Nelson	0	0	172	0.68	29	66
	NW Dist.-BH	56	3	228	0.03	78	78
South Peninsula		3,319	2,552	4,060	0.00	3,265	460
Chignik	Black Lake	83	0	623	0.24	176	219
	Chignik Lake	6,066	4,972	6,979	0.00	5,948	610
East of WASSIP		3,637	2,864	4,364	0.00	3,576	459
Total		24,469				24,468	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.02 times unadjusted median.

[b] Not part of WASSIP sampling plan. Stock composition estimate from temporal stratum 3, 2008, Western and Perryville districts used as proxy.

Appendix C36.–East Stepovak and Stepovak Flats sections, Southeastern District Mainland area, Southeastern District, Alaska Peninsula Area, Westward Region, 2006, temporal stratum 2. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 2 (7/20–7/21; Harvest = 50,823; n = 399)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	0	0.95	2	17
Kuskokwim Bay	Kuskokwim R.	0	0	1	0.95	2	16
	Kanektok	0	0	1	0.95	2	19
	Goodnews	0	0	0	0.95	1	13
Bristol Bay	Togiak	0	0	1	0.95	2	20
	Igushik	0	0	1	0.95	1	14
	Wood	0	0	0	0.95	1	13
	Nushagak	0	0	1	0.95	2	20
	Kvichak	0	0	1	0.95	2	24
	Alagnak	0	0	1	0.95	2	16
	Naknek	0	0	0	0.95	1	12
	Egegik	0	0	1	0.95	2	19
	Ugashik	0	0	1	0.95	2	18
North Peninsula	Cinder	0	0	1	0.94	3	32
	Meshik	0	0	1	0.95	2	20
	Ilnik	0	0	1	0.95	2	19
	Sandy	0	0	1	0.95	2	20
	Bear	0	0	1	0.95	2	18
	Nelson	0	0	0	0.95	1	15
	NW Dist.-BH	0	0	1	0.95	1	14
South Peninsula		0	0	1	0.95	2	22
Chignik	Black Lake	10,485	8,195	13,050	0.00	10,508	1,475
	Chignik Lake	20,431	17,398	23,533	0.00	20,391	1,862
East of WASSIP		19,907	17,294	22,615	0.00	19,880	1,618
Total		50,823				50,816	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.00 times unadjusted median.

Appendix C37.–East Stepovak and Stepovak Flats sections, Southeastern District Mainland area, Southeastern District, Alaska Peninsula Area, Westward Region, 2006, temporal stratum 3. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 3 (7/26–8/23; Harvest = 94,661; n = 298)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	2	0.94	6	53
Kuskokwim Bay	Kuskokwim R.	0	0	4	0.93	8	65
	Kanektok	0	0	151	0.88	28	138
	Goodnews	0	0	10	0.92	11	76
Bristol Bay	Togiak	0	0	2	0.94	6	62
	Igushik	0	0	1	0.94	3	34
	Wood	0	0	1	0.94	3	34
	Nushagak	0	0	3	0.93	7	66
	Kvichak	0	0	8	0.92	12	96
	Alagnak	85	0	821	0.34	208	299
	Naknek	0	0	282	0.85	41	167
	Egegik	0	0	32	0.91	22	146
	Ugashik	0	0	1,175	0.55	257	432
North Peninsula	Cinder	0	0	2	0.93	8	72
	Meshik	0	0	519	0.87	67	279
	Ilnik	0	0	2	0.94	6	53
	Sandy	0	0	50	0.91	23	134
	Bear	0	0	9	0.92	13	97
	Nelson	0	0	1	0.94	3	32
	NW Dist.-BH	0	0	2	0.94	6	56
South Peninsula		0	0	734	0.60	138	287
Chignik	Black Lake	9,007	5,098	13,463	0.00	9,038	2,540
	Chignik Lake	42,758	35,881	49,116	0.00	42,337	4,031
East of WASSIP		42,811	36,742	48,355	0.00	42,395	3,533
Total		94,661				94,646	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.01 times unadjusted median.

Appendix C38.–East Stepovak and Stepovak Flats sections, Southeastern District Mainland area, Southeastern District, Alaska Peninsula Area, Westward Region, 2007, temporal stratum 3. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 3 (8/1–8/20; Harvest = 72,315; n = 394)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	1	0.95	2	20
Kuskokwim Bay	Kuskokwim R.	0	0	1	0.95	2	19
	Kanektok	0	0	1	0.95	2	21
	Goodnews	0	0	196	0.85	28	111
Bristol Bay	Togiak	0	0	301	0.78	43	133
	Igushik	0	0	5	0.93	7	48
	Wood	0	0	2	0.94	4	36
	Nushagak	0	0	1	0.94	3	25
	Kvichak	0	0	1	0.95	2	20
	Alagnak	0	0	1	0.95	2	21
	Naknek	0	0	1	0.95	2	22
	Egegik	0	0	1	0.94	3	25
	Ugashik	0	0	1	0.94	3	29
North Peninsula	Cinder	0	0	1	0.94	3	35
	Meshik	0	0	1	0.94	4	37
	Ilnik	0	0	1	0.94	4	37
	Sandy	0	0	18	0.92	16	105
	Bear	0	0	782	0.77	110	305
	Nelson	0	0	1	0.95	2	19
	NW Dist.-BH	0	0	394	0.86	48	179
South Peninsula		0	0	18	0.92	11	73
Chignik	Black Lake	5	0	1,516	0.42	299	546
	Chignik Lake	26,690	22,740	30,437	0.00	26,482	2,337
East of WASSIP		45,620	40,498	50,197	0.00	45,232	2,948
Total		72,315				72,314	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.01 times unadjusted median.

Appendix C39.–East Stepovak and Stepovak Flats sections, Southeastern District Mainland area, Southeastern District, Alaska Peninsula Area, Westward Region, 2008, temporal stratum 3. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 3 (7/26–8/20; Harvest = 61,811; n = 398)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	1	0.95	2	16
Kuskokwim Bay	Kuskokwim R.	0	0	1	0.95	2	19
	Kanektok	0	0	46	0.90	10	55
	Goodnews	138	0	987	0.44	285	355
Bristol Bay	Togiak	0	0	23	0.91	10	61
	Igushik	0	0	306	0.81	40	131
	Wood	0	0	1	0.95	2	17
	Nushagak	0	0	1	0.94	3	29
	Kvichak	0	0	185	0.81	26	87
	Alagnak	0	0	1	0.95	2	17
	Naknek	0	0	1	0.95	2	16
	Egegik	0	0	1	0.95	2	25
	Ugashik	0	0	1	0.94	3	29
North Peninsula	Cinder	9	0	496	0.47	111	184
	Meshik	0	0	41	0.90	11	61
	Ilnik	0	0	1	0.95	2	23
	Sandy	0	0	1	0.94	4	35
	Bear	482	115	1,148	0.00	535	326
	Nelson	0	0	1	0.95	2	18
	NW Dist.-BH	0	0	40	0.91	15	87
South Peninsula		0	0	1	0.94	3	31
Chignik	Black Lake	0	0	11	0.92	13	93
	Chignik Lake	28,188	24,534	31,622	0.00	27,988	2,149
East of WASSIP		32,993	29,050	36,696	0.00	32,758	2,326
Total		61,810				61,831	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.01 times unadjusted median.

Appendix C40.–Northwest Stepovak Section, Southeastern District Mainland area, Southeastern District, Alaska Peninsula Area, Westward Region, 2006, temporal stratum 3. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 3 (8/10–8/23; Harvest = 5,680; n = 0[b])					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	0	0.97	0	3
Kuskokwim Bay	Kuskokwim R.	0	0	0	0.97	0	2
	Kanektok	0	0	0	0.96	0	3
	Goodnews	42	0	119	0.10	48	38
Bristol Bay	Togiak	0	0	20	0.91	3	15
	Igushik	0	0	0	0.95	1	4
	Wood	0	0	0	0.97	0	2
	Nushagak	0	0	7	0.92	2	10
	Kvichak	0	0	0	0.97	0	2
	Alagnak	0	0	0	0.96	0	3
	Naknek	0	0	0	0.97	0	2
	Egegik	0	0	0	0.97	0	2
	Ugashik	0	0	0	0.97	0	2
North Peninsula	Cinder	0	0	1	0.94	1	9
	Meshik	0	0	24	0.87	3	12
	Ilnik	0	0	1	0.94	2	11
	Sandy	0	0	14	0.90	2	11
	Bear	0	0	0	0.95	1	6
	Nelson	0	0	0	0.97	0	2
	NW Dist.-BH	0	0	32	0.84	4	13
South Peninsula		386	261	535	0.00	388	84
Chignik	Black Lake	104	1	250	0.04	111	77
	Chignik Lake	3,761	3,336	4,149	0.00	3,733	247
East of WASSIP		1,387	1,136	1,638	0.00	1,378	153
Total		5,680				5,677	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.01 times unadjusted median.

[b] No samples collected. Stock composition estimate from temporal stratum 3, 2008, Northwest Stepovak Section used as proxy.

Appendix C41.–Northwest Stepovak Section, Southeastern District Mainland area, Southeastern District, Alaska Peninsula Area, Westward Region, 2007, temporal stratum 3. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 3 (8/6–8/16; Harvest = 127; n = 0[b])					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	0	1.00	0	0
Kuskokwim Bay	Kuskokwim R.	0	0	0	1.00	0	0
	Kanektok	0	0	0	1.00	0	0
	Goodnews	1	0	3	0.29	1	1
Bristol Bay	Togiak	0	0	0	0.95	0	0
	Igushik	0	0	0	0.99	0	0
	Wood	0	0	0	1.00	0	0
	Nushagak	0	0	0	0.97	0	0
	Kvichak	0	0	0	1.00	0	0
	Alagnak	0	0	0	1.00	0	0
	Naknek	0	0	0	1.00	0	0
	Egegik	0	0	0	1.00	0	0
	Ugashik	0	0	0	1.00	0	0
North Peninsula	Cinder	0	0	0	0.98	0	0
	Meshik	0	0	1	0.95	0	0
	Ilnik	0	0	0	0.98	0	0
	Sandy	0	0	0	0.96	0	0
	Bear	0	0	0	0.99	0	0
	Nelson	0	0	0	1.00	0	0
	NW Dist.-BH	0	0	1	0.93	0	0
South Peninsula		9	6	12	0.00	9	2
Chignik	Black Lake	2	0	6	0.13	2	2
	Chignik Lake	84	75	93	0.00	83	6
East of WASSIP		31	25	37	0.00	31	3
Total		127				126	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.01 times unadjusted median.

[b] No samples collected. Stock composition estimate from temporal stratum 3, 2008, Northwest Stepovak Section used as proxy.

Appendix C42.–Northwest Stepovak Section, Southeastern District Mainland area, Southeastern District, Alaska Peninsula Area, Westward Region, 2008, temporal stratum 1. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 1 (7/3–7/5; Harvest = 6,616; n = 199)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	0	0.96	0	5
Kuskokwim Bay	Kuskokwim R.	0	0	0	0.96	0	3
	Kanektok	0	0	1	0.94	1	8
	Goodnews	0	0	0	0.96	1	5
Bristol Bay	Togiak	0	0	0	0.96	0	4
	Igushik	0	0	0	0.95	1	8
	Wood	0	0	5	0.93	2	11
	Nushagak	0	0	0	0.95	1	6
	Kvichak	0	0	0	0.96	1	6
	Alagnak	28	2	120	0.01	40	40
	Naknek	0	0	75	0.77	11	30
	Egegik	151	49	313	0.01	161	82
	Ugashik	0	0	7	0.92	4	22
North Peninsula	Cinder	0	0	0	0.95	1	7
	Meshik	0	0	2	0.93	1	10
	Ilnik	0	0	0	0.96	1	6
	Sandy	0	0	8	0.92	2	13
	Bear	0	0	0	0.96	1	6
	Nelson	0	0	0	0.96	0	3
	NW Dist.-BH	0	0	0	0.96	1	5
South Peninsula		1,793	1,412	2,172	0.00	1,777	231
Chignik	Black Lake	3,459	2,885	3,969	0.00	3,416	330
	Chignik Lake	511	226	875	0.00	521	198
East of WASSIP		673	444	938	0.00	674	151
Total		6,615				6,618	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.01 times unadjusted median.

Appendix C43.–Northwest Stepovak Section, Southeastern District Mainland area, Southeastern District, Alaska Peninsula Area, Westward Region, 2008, temporal stratum 2. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 2 (7/7–7/25; Harvest = 25,053; n = 390)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	0	0.96	1	7
Kuskokwim Bay	Kuskokwim R.	0	0	0	0.96	1	7
	Kanektok	0	0	0	0.95	1	9
	Goodnews	0	0	0	0.95	1	10
Bristol Bay	Togiak	0	0	0	0.96	1	10
	Igushik	0	0	103	0.83	14	50
	Wood	0	0	106	0.79	15	46
	Nushagak	0	0	4	0.93	4	29
	Kvichak	56	4	265	0.01	84	90
	Alagnak	0	0	168	0.55	34	64
	Naknek	0	0	192	0.63	35	74
	Egegik	0	0	353	0.56	72	128
	Ugashik	0	0	475	0.66	92	171
North Peninsula	Cinder	0	0	377	0.78	52	137
	Meshik	0	0	402	0.77	58	147
	Ilnik	0	0	184	0.85	25	97
	Sandy	0	0	26	0.91	9	52
	Bear	287	0	743	0.20	300	246
	Nelson	0	0	0	0.96	1	7
	NW Dist.-BH	0	0	0	0.95	1	10
South Peninsula		9,899	8,426	11,046	0.00	9,697	798
Chignik	Black Lake	7,155	5,700	8,409	0.00	7,016	825
	Chignik Lake	3,939	2,787	5,096	0.00	3,885	702
East of WASSIP		3,716	2,846	4,544	0.00	3,654	515
Total		25,052				25,053	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.02 times unadjusted median.

Appendix C44.–Northwest Stepovak Section, Southeastern District Mainland area, Southeastern District, Alaska Peninsula Area, Westward Region, 2008, temporal stratum 3. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 3 (7/26–8/20; Harvest = 10,245; n = 385)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	0	0.96	0	5
Kuskokwim Bay	Kuskokwim R.	0	0	0	0.96	0	3
	Kanektok	0	0	0	0.96	1	5
	Goodnews	77	0	215	0.10	87	69
Bristol Bay	Togiak	0	0	36	0.90	6	26
	Igushik	0	0	1	0.95	1	7
	Wood	0	0	0	0.96	0	4
	Nushagak	0	0	12	0.92	3	17
	Kvichak	0	0	0	0.97	0	3
	Alagnak	0	0	0	0.96	1	5
	Naknek	0	0	0	0.97	0	3
	Egegik	0	0	0	0.96	0	3
	Ugashik	0	0	0	0.96	0	4
North Peninsula	Cinder	0	0	2	0.94	2	16
	Meshik	0	0	43	0.87	6	21
	Ilnik	0	0	2	0.94	3	20
	Sandy	0	0	26	0.89	4	19
	Bear	0	0	1	0.95	1	11
	Nelson	0	0	0	0.97	0	3
	NW Dist.-BH	0	0	58	0.83	8	24
South Peninsula		695	470	964	0.00	700	151
Chignik	Black Lake	188	2	452	0.03	200	138
	Chignik Lake	6,786	6,021	7,485	0.00	6,736	445
East of WASSIP		2,500	2,049	2,956	0.00	2,487	276
Total		10,246				10,246	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.01 times unadjusted median.

Appendix C45.–Southwest Stepovak, Balboa Bay, and Beaver Bay sections (statistical areas 281–70, 281–80, 281–90), Southeastern District Mainland area, Southeastern District, Alaska Peninsula Area, Westward Region, 2006, temporal stratum 2. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 2 (7/20–7/21; Harvest = 26,690; n = 399)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	0	0.95	1	10
Kuskokwim Bay	Kuskokwim R.	23	0	181	0.30	48	65
	Kanektok	0	0	1	0.95	1	11
	Goodnews	0	0	0	0.96	1	8
Bristol Bay	Togiak	0	0	1	0.95	2	13
	Igushik	0	0	134	0.78	19	56
	Wood	0	0	17	0.91	4	22
	Nushagak	0	0	2	0.94	2	15
	Kvichak	0	0	0	0.96	1	8
	Alagnak	0	0	0	0.96	1	7
	Naknek	0	0	0	0.96	1	8
	Egegik	0	0	0	0.96	1	8
	Ugashik	0	0	0	0.96	1	7
North Peninsula	Cinder	0	0	0	0.95	1	10
	Meshik	0	0	0	0.95	1	11
	Ilnik	0	0	1	0.95	1	13
	Sandy	0	0	224	0.59	43	84
	Bear	0	0	0	0.95	1	12
	Nelson	0	0	0	0.95	1	11
	NW Dist.-BH	0	0	0	0.96	1	7
South Peninsula		152	0	440	0.14	173	142
Chignik	Black Lake	6,073	4,770	7,437	0.00	6,052	813
	Chignik Lake	7,986	6,485	9,508	0.00	7,951	920
East of WASSIP		12,456	10,894	13,957	0.00	12,379	934
Total		26,690				26,687	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.01 times unadjusted median.

Appendix C46.–Southwest Stepovak, Balboa Bay, and Beaver Bay sections (statistical areas 281-70, 281-80, 281-90), Southeastern District Mainland area, Southeastern District, Alaska Peninsula Area, Westward Region, 2006, temporal stratum 3. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 3 (7/26–8/23; Harvest = 62,253; n = 297)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	1	0.95	2	22
Kuskokwim Bay	Kuskokwim R.	0	0	1	0.94	3	27
	Kanektok	0	0	1	0.95	2	21
	Goodnews	0	0	3	0.93	5	43
Bristol Bay	Togiak	0	0	2	0.94	5	44
	Igushik	0	0	1	0.94	3	32
	Wood	0	0	1	0.94	3	25
	Nushagak	0	0	1	0.94	3	27
	Kvichak	0	0	1	0.94	4	34
	Alagnak	0	0	1	0.94	3	29
	Naknek	0	0	1	0.94	3	29
	Egegik	0	0	13	0.92	10	65
	Ugashik	0	0	379	0.77	54	162
North Peninsula	Cinder	0	0	45	0.91	17	104
	Meshik	0	0	131	0.89	26	125
	Ilnik	0	0	2	0.94	6	49
	Sandy	0	0	72	0.90	25	138
	Bear	0	0	2	0.94	5	48
	Nelson	0	0	225	0.82	31	112
	NW Dist.-BH	0	0	2	0.94	4	40
South Peninsula		0	0	4	0.93	10	80
Chignik	Black Lake	6,804	4,398	9,569	0.00	6,837	1,570
	Chignik Lake	24,397	20,464	28,346	0.00	24,293	2,398
East of WASSIP		31,052	27,053	34,983	0.00	30,902	2,416
Total		62,253				62,256	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.01 times unadjusted median.

Appendix C47.–Southwest Stepovak, Balboa Bay, and Beaver Bay sections (statistical areas 281-70, 281-80, 281-90), Southeastern District Mainland area, Southeastern District, Alaska Peninsula Area, Westward Region, 2007, temporal stratum 3. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 3 (8/1–8/20; Harvest = 73,512; n = 399)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	2	0.94	4	38
Kuskokwim Bay	Kuskokwim R.	0	0	1	0.95	2	21
	Kanektok	0	0	3	0.93	6	52
	Goodnews	0	0	6	0.93	7	52
Bristol Bay	Togiak	0	0	3	0.93	5	45
	Igushik	0	0	2	0.94	4	38
	Wood	0	0	1	0.94	3	28
	Nushagak	0	0	4	0.93	6	48
	Kvichak	0	0	264	0.85	36	141
	Alagnak	0	0	1	0.94	3	29
	Naknek	388	64	1,108	0.00	457	335
	Egegik	0	0	43	0.91	16	93
	Ugashik	0	0	410	0.82	53	183
North Peninsula	Cinder	0	0	2	0.94	5	46
	Meshik	0	0	1	0.94	3	28
	Ilnik	0	0	1,006	0.82	123	377
	Sandy	0	0	865	0.68	143	322
	Bear	0	0	8	0.92	9	64
	Nelson	0	0	260	0.86	34	133
	NW Dist.-BH	0	0	30	0.91	20	118
South Peninsula		0	0	1	0.94	4	44
Chignik	Black Lake	37	0	1,604	0.34	360	576
	Chignik Lake	27,127	23,044	30,735	0.00	26,798	2,338
East of WASSIP		45,960	40,596	50,419	0.00	45,391	2,980
Total		73,512				73,492	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.01 times unadjusted median.

Appendix C48.–Southwest Stepovak, Balboa Bay, and Beaver Bay sections (statistical areas 281-70, 281-80, 281-90), Southeastern District Mainland area, Southeastern District, Alaska Peninsula Area, Westward Region, 2008, temporal stratum 3. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 3 (7/26–8/20; Harvest = 46,093; n = 398)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	1	0.95	2	22
Kuskokwim Bay	Kuskokwim R.	0	0	1	0.95	2	23
	Kanektok	86	6	367	0.01	123	122
	Goodnews	0	0	1	0.94	4	36
Bristol Bay	Togiak	0	0	2	0.94	4	32
	Igushik	499	0	1,090	0.17	498	344
	Wood	0	0	587	0.77	87	210
	Nushagak	0	0	1	0.94	3	24
	Kvichak	0	0	291	0.76	42	116
	Alagnak	0	0	0	0.95	1	12
	Naknek	296	36	802	0.01	339	244
	Egegik	0	0	364	0.77	51	141
	Ugashik	0	0	11	0.92	8	54
North Peninsula	Cinder	0	0	384	0.85	48	177
	Meshik	709	0	1,858	0.30	717	650
	Ilnik	866	0	2,053	0.22	862	687
	Sandy	0	0	4	0.93	5	37
	Bear	1,492	779	2,507	0.00	1,534	533
	Nelson	0	0	0	0.95	1	12
	NW Dist.-BH	0	0	0	0.95	2	15
South Peninsula		1,746	1,001	2,691	0.00	1,770	520
Chignik	Black Lake	0	0	7	0.92	10	70
	Chignik Lake	23,895	20,876	26,551	0.00	23,637	1,728
East of WASSIP		16,503	13,987	18,813	0.00	16,332	1,471
Total		46,092				46,082	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.01 times unadjusted median.

Appendix C49.–June, Shumagin Islands Section (statistical areas all 282-XX), Alaska Peninsula Area, Westward Region, 2006, temporal stratum 1. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 1 (6/7–6/13; Harvest = 105,356; n = 400)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	10	0.92	18	141
Kuskokwim Bay	Kuskokwim R.	0	0	2	0.94	5	56
	Kanektok	0	0	6	0.93	22	186
	Goodnews	550	0	1,855	0.24	653	634
Bristol Bay	Togiak	0	0	65	0.90	22	130
	Igushik	0	0	379	0.85	84	423
	Wood	24,210	19,559	28,310	0.00	23,806	2,660
	Nushagak	4,099	2,274	7,150	0.00	4,259	1,504
	Kvichak	2,562	1,013	4,677	0.00	2,635	1,129
	Alagnak	2,585	1,278	4,348	0.00	2,638	949
	Naknek	4,681	2,641	7,131	0.00	4,696	1,373
	Egegik	8,218	5,074	11,959	0.00	8,229	2,106
	Ugashik	2,013	0	4,909	0.12	2,066	1,603
North Peninsula	Cinder	0	0	2	0.93	6	58
	Meshik	0	0	1,025	0.72	159	416
	Ilnik	2,136	667	3,964	0.02	2,175	1,012
	Sandy	0	0	1	0.94	4	42
	Bear	0	0	1,518	0.59	301	551
	Nelson	0	0	4	0.93	8	67
	NW Dist.-BH	0	0	724	0.58	139	275
South Peninsula		0	0	5	0.93	9	75
Chignik	Black Lake	7,559	5,254	10,018	0.00	7,493	1,454
	Chignik Lake	0	0	90	0.87	29	166
East of WASSIP		46,743	40,260	51,816	0.00	45,892	3,520
Total		105,356				105,348	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.02 times unadjusted median.

Appendix C50.–June, Shumagin Islands Section (statistical areas all 282-XX), Alaska Peninsula Area, Westward Region, 2006, temporal stratum 2. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 2 (6/14–6/20; Harvest = 176,663; n = 399)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	3	0.93	9	86
Kuskokwim Bay	Kuskokwim R.	2	0	4,826	0.49	1,411	1,788
	Kanektok	144	0	1,818	0.39	451	658
	Goodnews	579	0	3,197	0.40	946	1,142
Bristol Bay	Togiak	0	0	2,076	0.53	497	762
	Igushik	0	0	1,889	0.84	235	879
	Wood	27,072	20,604	32,531	0.00	26,343	3,638
	Nushagak	1,458	0	4,854	0.32	1,671	1,750
	Kvichak	4,598	1,774	8,063	0.00	4,618	1,932
	Alagnak	4,141	2,019	6,905	0.00	4,174	1,509
	Naknek	13,159	8,507	18,113	0.00	12,945	2,933
	Egegik	27,255	19,420	34,588	0.00	26,595	4,640
	Ugashik	8,279	2,170	13,869	0.03	8,085	3,515
North Peninsula	Cinder	0	0	1,665	0.79	225	706
	Meshik	0	0	2,960	0.60	569	1,080
	Ilnik	0	0	97	0.86	45	284
	Sandy	0	0	4	0.93	11	98
	Bear	2,558	0	6,240	0.17	2,604	2,052
	Nelson	0	0	102	0.89	26	143
	NW Dist.-BH	0	0	3	0.93	8	77
South Peninsula		1,257	375	2,848	0.00	1,364	785
Chignik	Black Lake	52,475	43,022	59,394	0.00	50,942	4,994
	Chignik Lake	0	0	287	0.89	91	495
East of WASSIP		33,685	26,626	39,454	0.00	32,777	3,913
Total		176,662				176,642	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.03 times unadjusted median.

Appendix C51.–June, Shumagin Islands Section (statistical areas all 282-XX), Alaska Peninsula Area, Westward Region, 2006, temporal stratum 3. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 3 (6/22–6/29; Harvest = 159,219; n = 396)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	1	0.94	5	54
Kuskokwim Bay	Kuskokwim R.	0	0	22	0.91	72	505
	Kanektok	0	0	81	0.90	28	171
	Goodnews	2,087	0	4,666	0.18	2,070	1,503
Bristol Bay	Togiak	558	15	2,930	0.03	893	967
	Igushik	5,080	1,686	8,760	0.03	5,079	2,175
	Wood	15,071	10,579	20,291	0.00	15,032	2,977
	Nushagak	3,659	1,656	6,323	0.01	3,725	1,459
	Kvichak	3,622	1,414	6,805	0.00	3,763	1,667
	Alagnak	10,957	7,413	14,969	0.00	10,925	2,307
	Naknek	15,245	10,788	20,083	0.00	15,155	2,841
	Egegik	32,287	23,599	40,600	0.00	31,855	5,202
	Ugashik	11,148	5,100	18,451	0.00	11,266	4,139
North Peninsula	Cinder	0	0	8	0.92	17	150
	Meshik	0	0	3	0.93	9	88
	Ilnik	0	0	8	0.92	23	205
	Sandy	0	0	3	0.93	10	92
	Bear	3,301	1,343	6,283	0.00	3,453	1,528
	Nelson	0	0	1	0.94	4	43
	NW Dist.-BH	0	0	2	0.94	7	70
South Peninsula		0	0	1,085	0.86	137	557
Chignik	Black Lake	14,772	10,347	19,561	0.00	14,676	2,811
	Chignik Lake	3,458	0	6,842	0.06	3,512	1,917
East of WASSIP		37,974	30,999	44,406	0.00	37,478	4,082
Total		159,219				159,194	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.02 times unadjusted median.

Appendix C52.–June, Shumagin Islands Section (statistical areas all 282-XX), Alaska Peninsula Area, Westward Region, 2007, temporal stratum 1. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 1 (6/7–6/13; Harvest = 118,519; n = 399)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	1	0.94	4	47
Kuskokwim Bay	Kuskokwim R.	0	0	1	0.94	4	43
	Kanektok	925	233	2,170	0.00	1,015	613
	Goodnews	0	0	1,379	0.66	249	507
Bristol Bay	Togiak	0	0	1,066	0.71	172	395
	Igushik	2,297	0	5,915	0.17	2,390	1,971
	Wood	25,204	19,293	30,627	0.00	24,778	3,450
	Nushagak	8,875	5,402	12,794	0.00	8,836	2,252
	Kvichak	6,615	3,749	9,963	0.00	6,612	1,894
	Alagnak	7,253	4,648	10,196	0.00	7,214	1,696
	Naknek	16,077	11,689	20,419	0.00	15,847	2,649
	Egegik	15,162	10,024	20,713	0.00	15,035	3,256
	Ugashik	14,111	9,035	19,502	0.00	13,974	3,193
North Peninsula	Cinder	0	0	1,270	0.87	152	618
	Meshik	0	0	410	0.87	77	371
	Ilnik	0	0	5	0.93	13	117
	Sandy	0	0	1,099	0.71	173	420
	Bear	1,047	0	2,577	0.06	1,135	778
	Nelson	0	0	1	0.94	4	37
	NW Dist.-BH	0	0	2	0.94	5	51
South Peninsula		0	0	1	0.94	4	45
Chignik	Black Lake	1,115	0	2,581	0.08	1,180	766
	Chignik Lake	0	0	970	0.85	111	392
East of WASSIP		19,838	15,603	23,774	0.00	19,514	2,491
Total		118,519				118,498	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.02 times unadjusted median.

Appendix C53.–June, Shumagin Islands Section (statistical areas all 282-XX), Alaska Peninsula Area, Westward Region, 2007, temporal stratum 2. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 2 (6/14–6/20; Harvest = 310,690; n = 397)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	25	0.91	38	288
Kuskokwim Bay	Kuskokwim R.	608	0	2,955	0.13	913	1,021
	Kanektok	3,214	1,003	7,192	0.00	3,502	1,983
	Goodnews	0	0	1,013	0.85	151	657
Bristol Bay	Togiak	378	0	2,346	0.22	658	834
	Igushik	17,783	2,483	30,090	0.04	17,354	7,832
	Wood	73,546	55,878	90,593	0.00	72,364	10,572
	Nushagak	9,840	468	18,503	0.03	9,790	5,081
	Kvichak	21,865	13,261	31,390	0.00	21,732	5,534
	Alagnak	22,504	15,215	30,353	0.00	22,272	4,617
	Naknek	43,322	32,201	54,166	0.00	42,637	6,683
	Egegik	61,371	44,310	77,146	0.00	60,244	9,967
	Ugashik	30,189	16,681	45,065	0.00	29,988	8,622
North Peninsula	Cinder	0	0	187	0.89	99	600
	Meshik	0	0	6,943	0.57	1,521	2,497
	Ilnik	0	0	1,323	0.85	188	791
	Sandy	0	0	50	0.91	45	307
	Bear	0	0	3,079	0.77	426	1,207
	Nelson	0	0	100	0.90	55	336
	NW Dist.-BH	0	0	4	0.93	11	109
South Peninsula		0	0	5	0.93	17	174
Chignik	Black Lake	0	0	4,225	0.73	651	1,562
	Chignik Lake	6,530	2,396	11,449	0.01	6,576	2,782
East of WASSIP		19,540	12,579	27,157	0.00	19,383	4,444
Total		310,690				310,615	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.02 times unadjusted median.

Appendix C54.–June, Shumagin Islands Section (statistical areas all 282-XX), Alaska Peninsula Area, Westward Region, 2007, temporal stratum 3. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 3 (6/22–6/29; Harvest = 422,989; n = 395)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	12	0.92	37	368
Kuskokwim Bay	Kuskokwim R.	0	0	21	0.92	59	487
	Kanektok	880	0	8,062	0.40	2,191	2,942
	Goodnews	0	0	10,335	0.66	2,004	3,752
Bristol Bay	Togiak	3,600	0	9,744	0.26	3,747	3,322
	Igushik	21,310	8,531	36,093	0.00	21,236	8,438
	Wood	62,687	44,684	79,325	0.00	61,243	10,575
	Nushagak	29,088	16,450	42,296	0.00	28,626	7,883
	Kvichak	19,577	8,945	32,376	0.00	19,610	7,176
	Alagnak	53,704	39,541	66,721	0.00	52,465	8,277
	Naknek	80,075	60,430	97,002	0.00	78,018	11,153
	Egegik	53,223	33,382	74,320	0.00	52,428	12,508
	Ugashik	62,396	39,906	82,351	0.00	60,738	12,911
North Peninsula	Cinder	0	0	6,305	0.63	1,174	2,340
	Meshik	0	0	5,078	0.73	749	1,941
	Ilnik	0	0	8,163	0.61	1,701	2,957
	Sandy	0	0	1,088	0.87	183	846
	Bear	0	0	34	0.91	63	500
	Nelson	1,316	0	4,797	0.18	1,648	1,622
	NW Dist.-BH	0	0	4	0.93	12	122
South Peninsula		0	0	9	0.93	28	266
Chignik	Black Lake	14,003	7,723	21,264	0.00	13,913	4,159
	Chignik Lake	0	0	2,293	0.79	319	1,242
East of WASSIP		21,131	13,230	29,868	0.00	20,864	5,071
Total		422,990				423,056	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.03 times unadjusted median.

Appendix C55.–June, Shumagin Islands Section (statistical areas all 282-XX), Alaska Peninsula Area, Westward Region, 2008, temporal stratum 2. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 2 (6/14–6/20; Harvest = 309,801; n = 393)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	3	0.93	9	99
Kuskokwim Bay	Kuskokwim R.	0	0	16	0.92	68	595
	Kanektok	0	0	23	0.91	40	351
	Goodnews	0	0	236	0.80	62	350
Bristol Bay	Togiak	1,702	0	4,793	0.17	1,878	1,575
	Igushik	17,370	2,328	30,397	0.04	17,049	8,081
	Wood	47,890	33,145	64,535	0.00	47,695	9,543
	Nushagak	22,322	12,975	32,452	0.00	22,234	5,912
	Kvichak	39,780	28,075	52,147	0.00	39,435	7,335
	Alagnak	7,658	3,731	12,974	0.00	7,829	2,852
	Naknek	38,175	26,957	50,321	0.00	37,905	7,131
	Egegik	66,353	50,582	81,336	0.00	65,440	9,375
	Ugashik	25,531	14,200	38,586	0.00	25,561	7,429
North Peninsula	Cinder	0	0	2,628	0.84	315	1,183
	Meshik	0	0	4,034	0.56	847	1,482
	Ilnik	0	0	2,546	0.82	312	1,057
	Sandy	0	0	5	0.93	12	124
	Bear	3,002	0	8,000	0.16	3,240	2,585
	Nelson	0	0	3	0.93	11	103
	NW Dist.-BH	0	0	3	0.93	9	89
South Peninsula		0	0	5	0.93	13	128
Chignik	Black Lake	10,694	6,195	16,322	0.00	10,791	3,111
	Chignik Lake	0	0	25	0.90	22	179
East of WASSIP		29,324	21,245	37,774	0.00	29,060	5,034
Total		309,801				309,837	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.02 times unadjusted median.

Appendix C56.–June, Shumagin Islands Section (statistical areas all 282-XX), Alaska Peninsula Area, Westward Region, 2008, temporal stratum 3. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 3 (6/22–6/29; Harvest = 339,204; n = 399)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	4	0.93	14	147
Kuskokwim Bay	Kuskokwim R.	615	45	2,558	0.00	858	853
	Kanektok	6,841	0	19,342	0.38	7,021	7,117
	Goodnews	16,725	9,368	26,860	0.00	16,956	5,382
Bristol Bay	Togiak	0	0	697	0.87	202	1,090
	Igushik	14,655	7	26,562	0.04	14,256	7,421
	Wood	47,205	33,287	62,125	0.00	46,575	8,799
	Nushagak	16,945	7,771	26,985	0.00	16,800	5,911
	Kvichak	32,466	21,739	43,475	0.00	31,965	6,625
	Alagnak	18,981	11,878	26,813	0.00	18,792	4,568
	Naknek	30,073	20,303	40,152	0.00	29,614	6,057
	Egegik	60,752	44,136	78,748	0.00	59,965	10,609
	Ugashik	33,463	17,401	47,776	0.00	32,561	9,257
North Peninsula	Cinder	0	0	3,276	0.78	438	1,297
	Meshik	0	0	5,465	0.59	1,115	1,974
	Ilnik	0	0	3,629	0.79	476	1,444
	Sandy	3,319	0	8,104	0.09	3,533	2,480
	Bear	2,271	0	6,209	0.16	2,477	2,012
	Nelson	0	0	3	0.93	10	103
	NW Dist.-BH	1,966	412	5,244	0.00	2,251	1,551
South Peninsula		0	0	1,839	0.76	259	755
Chignik	Black Lake	16,253	9,318	23,333	0.00	16,006	4,261
	Chignik Lake	0	0	6,777	0.68	1,108	2,462
East of WASSIP		36,672	27,042	45,949	0.00	35,986	5,765
Total		339,202				339,238	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.03 times unadjusted median.

Appendix C57.–June, Dolgoi Island area (statistical areas 283-XX, 284-00 through 284-42), Alaska Peninsula Area, Westward Region, 2006, temporal stratum 1. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 1 (6/7–6/13; Harvest = 47,177; n = 363)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	1	0.95	2	15
Kuskokwim Bay	Kuskokwim R.	0	0	0	0.95	2	16
	Kanektok	0	0	194	0.81	27	90
	Goodnews	0	0	1	0.95	2	21
Bristol Bay	Togiak	0	0	1	0.95	2	19
	Igushik	0	0	45	0.90	13	71
	Wood	858	376	1,552	0.00	891	362
	Nushagak	0	0	1	0.94	3	28
	Kvichak	0	0	1	0.94	3	26
	Alagnak	0	0	13	0.92	8	49
	Naknek	0	0	44	0.91	14	78
	Egegik	1,464	764	2,387	0.00	1,496	499
	Ugashik	0	0	274	0.88	38	166
North Peninsula	Cinder	0	0	4	0.93	6	44
	Meshik	0	0	1	0.95	2	20
	Ilnik	0	0	269	0.86	35	136
	Sandy	0	0	1	0.94	3	31
	Bear	0	0	1	0.95	2	17
	Nelson	0	0	1	0.95	2	21
	NW Dist.-BH	0	0	1	0.95	2	17
South Peninsula		0	0	2	0.94	4	37
Chignik	Black Lake	26,090	22,913	28,928	0.00	25,856	1,833
	Chignik Lake	0	0	1,080	0.64	152	401
East of WASSIP		18,765	16,129	21,275	0.00	18,616	1,561
Total		47,177				47,181	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.01 times unadjusted median.

Appendix C58.–June, Dolgoi Island area (statistical areas 283-XX, 284-00 through 284-42), Alaska Peninsula Area, Westward Region, 2006, temporal stratum 2. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 2 (6/14–6/20; Harvest = 78,065; n = 395)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	287	0.82	40	140
Kuskokwim Bay	Kuskokwim R.	0	0	51	0.90	14	78
	Kanektok	0	0	588	0.83	73	251
	Goodnews	0	0	7	0.92	9	62
Bristol Bay	Togiak	0	0	5	0.93	11	91
	Igushik	0	0	177	0.89	39	197
	Wood	2,352	1,220	3,832	0.00	2,390	798
	Nushagak	0	0	211	0.86	35	159
	Kvichak	0	0	5	0.93	10	81
	Alagnak	1,725	827	2,954	0.00	1,768	655
	Naknek	813	248	1,785	0.00	880	481
	Egegik	2,299	1,203	3,745	0.00	2,337	781
	Ugashik	0	0	1,368	0.67	251	497
North Peninsula	Cinder	0	0	127	0.89	32	169
	Meshik	0	0	1,494	0.77	213	530
	Ilnik	0	0	1	0.94	4	43
	Sandy	0	0	1	0.94	3	28
	Bear	0	0	3	0.93	6	56
	Nelson	39	0	577	0.40	138	212
	NW Dist.-BH	0	0	3	0.93	5	44
South Peninsula		0	0	104	0.89	26	142
Chignik	Black Lake	57,343	51,028	62,088	0.00	56,405	3,360
	Chignik Lake	0	0	40	0.91	42	282
East of WASSIP		13,495	10,714	16,151	0.00	13,322	1,657
Total		78,066				78,053	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.02 times unadjusted median.

Appendix C59.–June, Dolgoi Island area (statistical areas 283-XX, 284-00 through 284-42), Alaska Peninsula Area, Westward Region, 2006, temporal stratum 3. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 3 (6/22–6/29; Harvest = 117,973; n = 388)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	1	0.94	3	34
Kuskokwim Bay	Kuskokwim R.	0	0	2	0.94	5	47
	Kanektok	0	0	26	0.91	19	127
	Goodnews	0	0	3	0.94	7	62
Bristol Bay	Togiak	0	0	4	0.93	7	60
	Igushik	209	0	2,387	0.45	674	860
	Wood	1,956	613	3,911	0.00	2,042	1,021
	Nushagak	0	0	636	0.86	82	327
	Kvichak	0	0	2	0.94	6	56
	Alagnak	0	0	13	0.89	6	45
	Naknek	0	0	232	0.88	39	183
	Egegik	3,195	1,629	5,241	0.00	3,245	1,112
	Ugashik	0	0	3	0.93	8	72
North Peninsula	Cinder	0	0	232	0.88	44	215
	Meshik	0	0	268	0.88	46	216
	Ilnik	603	0	2,082	0.17	737	697
	Sandy	0	0	3	0.93	8	68
	Bear	0	0	183	0.89	34	166
	Nelson	0	0	1	0.94	4	39
	NW Dist.-BH	0	0	8	0.92	10	72
South Peninsula		270	1	1,131	0.05	378	377
Chignik	Black Lake	88,844	78,067	96,267	0.00	87,133	5,535
	Chignik Lake	0	0	6,181	0.74	903	2,160
East of WASSIP		22,896	18,319	27,121	0.00	22,552	2,682
Total		117,973				117,992	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.02 times unadjusted median.

Appendix C60.–June, Dolgoi Island area (statistical areas 283-XX, 284-00 through 284-42), Alaska Peninsula Area, Westward Region, 2007, temporal stratum 1. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 1 (6/7–6/13; Harvest = 13,111; n = 422)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	122	0.75	19	47
Kuskokwim Bay	Kuskokwim R.	0	0	5	0.92	2	13
	Kanektok	0	0	0	0.95	1	9
	Goodnews	0	0	0	0.95	1	8
Bristol Bay	Togiak	0	0	0	0.96	1	6
	Igushik	175	0	386	0.11	179	118
	Wood	394	206	652	0.00	402	138
	Nushagak	17	0	141	0.36	38	51
	Kvichak	0	0	214	0.60	38	78
	Alagnak	180	55	358	0.01	187	94
	Naknek	256	105	502	0.00	271	123
	Egegik	536	0	1,038	0.13	500	342
	Ugashik	316	0	985	0.22	366	342
North Peninsula	Cinder	0	0	0	0.95	1	7
	Meshik	0	0	100	0.75	15	39
	Ilnik	0	0	0	0.96	1	8
	Sandy	0	0	0	0.96	1	5
	Bear	0	0	177	0.71	30	64
	Nelson	0	0	0	0.96	0	3
	NW Dist.-BH	0	0	0	0.96	0	4
South Peninsula		0	0	0	0.96	1	9
Chignik	Black Lake	2,878	2,259	3,443	0.00	2,832	362
	Chignik Lake	853	450	1,314	0.00	853	264
East of WASSIP		7,507	6,580	8,206	0.00	7,372	495
Total		13,112				13,111	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.02 times unadjusted median.

Appendix C61.–June, Dolgoi Island area (statistical areas 283-XX, 284-00 through 284-42), Alaska Peninsula Area, Westward Region, 2007, temporal stratum 2. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 2 (6/14–6/20; Harvest = 19,576; n = 397)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	0	0.96	1	6
Kuskokwim Bay	Kuskokwim R.	0	0	60	0.91	10	45
	Kanektok	0	0	15	0.91	4	22
	Goodnews	0	0	14	0.92	5	26
Bristol Bay	Togiak	0	0	0	0.95	1	10
	Igushik	220	0	704	0.29	250	245
	Wood	1,243	717	1,801	0.00	1,224	331
	Nushagak	300	36	623	0.04	309	175
	Kvichak	765	393	1,195	0.00	760	245
	Alagnak	0	0	315	0.66	60	114
	Naknek	369	150	675	0.00	378	163
	Egegik	768	182	1,374	0.02	758	359
	Ugashik	858	334	1,547	0.01	870	374
North Peninsula	Cinder	0	0	2	0.94	3	26
	Meshik	0	0	2	0.94	3	21
	Ilnik	0	0	1	0.95	2	16
	Sandy	0	0	255	0.70	44	94
	Bear	0	0	221	0.76	32	81
	Nelson	0	0	1	0.94	2	13
	NW Dist.-BH	0	0	0	0.96	1	7
South Peninsula		0	0	196	0.88	24	98
Chignik	Black Lake	5,685	4,489	6,529	0.00	5,509	618
	Chignik Lake	8	0	959	0.43	235	343
East of WASSIP		9,360	7,980	10,257	0.00	9,090	692
Total		19,576				19,575	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.03 times unadjusted median.

Appendix C62.–June, Dolgoi Island area (statistical areas 283-XX, 284-00 through 284-42), Alaska Peninsula Area, Westward Region, 2007, temporal stratum 3. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 3 (6/22–6/29; Harvest = 47,613; n = 395)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	1	0.94	3	28
Kuskokwim Bay	Kuskokwim R.	0	0	1	0.95	2	19
	Kanektok	324	89	761	0.00	358	213
	Goodnews	0	0	499	0.66	90	184
Bristol Bay	Togiak	0	0	383	0.79	53	150
	Igushik	1,747	577	3,168	0.00	1,775	791
	Wood	4,721	3,117	6,418	0.00	4,690	1,009
	Nushagak	0	0	37	0.90	19	114
	Kvichak	2,022	1,172	3,098	0.00	2,041	593
	Alagnak	3,518	2,380	4,768	0.00	3,502	728
	Naknek	1,870	1,029	2,903	0.00	1,887	575
	Egegik	4,161	2,655	5,834	0.00	4,146	967
	Ugashik	2,592	1,324	4,043	0.00	2,595	831
North Peninsula	Cinder	0	0	196	0.87	28	117
	Meshik	0	0	2	0.94	4	37
	Ilnik	386	0	1,258	0.28	446	435
	Sandy	0	0	1	0.95	2	17
	Bear	0	0	0	0.95	2	16
	Nelson	95	0	444	0.10	140	152
	NW Dist.-BH	0	0	1	0.95	2	20
South Peninsula		0	0	13	0.92	15	96
Chignik	Black Lake	7,628	5,601	9,683	0.00	7,548	1,241
	Chignik Lake	1,243	0	2,700	0.17	1,221	871
East of WASSIP		17,308	14,714	19,540	0.00	17,052	1,466
Total		47,615				47,621	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.02 times unadjusted median.

Appendix C63.–June, Dolgoi Island area (statistical areas 283-XX,284-00 through 284-42), Alaska Peninsula Area, Westward Region, 2008, temporal stratum 1. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 1 (6/7–6/8; Harvest = 399; n = 304)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	0	0.99	0	0
Kuskokwim Bay	Kuskokwim R.	4	0	9	0.07	4	3
	Kanektok	0	0	0	0.97	0	1
	Goodnews	0	0	5	0.69	1	2
Bristol Bay	Togiak	0	0	0	0.95	0	1
	Igushik	0	0	10	0.82	1	4
	Wood	13	3	22	0.03	13	6
	Nushagak	0	0	9	0.80	1	3
	Kvichak	15	7	24	0.00	15	5
	Alagnak	0	0	0	0.98	0	0
	Naknek	12	5	20	0.00	11	5
	Egegik	30	17	46	0.00	30	9
	Ugashik	26	12	42	0.00	26	9
North Peninsula	Cinder	0	0	14	0.60	3	5
	Meshik	0	0	11	0.67	2	4
	Ilnik	2	0	6	0.17	2	2
	Sandy	0	0	0	0.99	0	0
	Bear	1	0	8	0.49	2	3
	Nelson	4	1	9	0.00	5	3
	NW Dist.-BH	0	0	0	0.96	0	1
South Peninsula		1	0	5	0.33	2	2
Chignik	Black Lake	176	145	194	0.00	169	15
	Chignik Lake	0	0	12	0.57	3	4
East of WASSIP		114	90	130	0.00	109	12
Total		398				399	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.05 times unadjusted median.

Appendix C64.–June, Dolgoi Island area (statistical areas 283-XX, 284-00 through 284-42), Alaska Peninsula Area, Westward Region, 2008, temporal stratum 2. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 2 (6/14–6/20; Harvest = 12,742; n = 504)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	0	0.96	0	5
Kuskokwim Bay	Kuskokwim R.	0	0	29	0.89	6	31
	Kanektok	0	0	95	0.90	12	50
	Goodnews	0	0	0	0.96	1	9
Bristol Bay	Togiak	0	0	0	0.96	1	8
	Igushik	0	0	162	0.84	19	61
	Wood	1,014	663	1,364	0.00	1,003	213
	Nushagak	449	159	756	0.01	447	181
	Kvichak	1,164	834	1,511	0.00	1,154	207
	Alagnak	167	42	340	0.00	174	91
	Naknek	835	549	1,153	0.00	832	184
	Egegik	1,989	1,407	2,543	0.00	1,962	344
	Ugashik	883	419	1,408	0.00	884	304
North Peninsula	Cinder	0	0	1	0.94	1	11
	Meshik	0	0	194	0.69	34	70
	Ilnik	0	0	0	0.96	1	5
	Sandy	0	0	2	0.93	2	13
	Bear	45	0	242	0.40	73	86
	Nelson	0	0	0	0.97	0	3
	NW Dist.-BH	0	0	0	0.97	0	4
South Peninsula		0	0	145	0.77	21	53
Chignik	Black Lake	5,252	4,550	5,827	0.00	5,172	388
	Chignik Lake	0	0	6	0.93	4	30
East of WASSIP		944	681	1,228	0.00	938	166
Total		12,742				12,741	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.02 times unadjusted median.

Appendix C65.–June, Dolgoi Island area (statistical areas 283-XX, 284-00 through 284-42), Alaska Peninsula Area, Westward Region, 2008, temporal stratum 3. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 3 (6/22–6/29; Harvest = 22,197; n = 393)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	0	0.95	1	10
Kuskokwim Bay	Kuskokwim R.	0	0	0	0.95	1	10
	Kanektok	0	0	517	0.58	97	183
	Goodnews	0	0	238	0.85	29	105
Bristol Bay	Togiak	216	27	544	0.00	238	162
	Igushik	0	0	478	0.72	79	171
	Wood	1,375	835	1,944	0.00	1,361	340
	Nushagak	1,027	558	1,598	0.00	1,031	318
	Kvichak	2,018	1,350	2,728	0.00	1,998	420
	Alagnak	639	331	1,034	0.00	646	216
	Naknek	1,091	623	1,645	0.00	1,092	313
	Egegik	2,802	1,847	3,855	0.00	2,782	612
	Ugashik	1,447	571	2,406	0.00	1,442	561
North Peninsula	Cinder	0	0	0	0.96	1	9
	Meshik	0	0	0	0.96	1	7
	Ilnik	0	0	0	0.96	1	7
	Sandy	0	0	0	0.96	1	8
	Bear	0	0	0	0.95	1	10
	Nelson	0	0	0	0.96	1	6
	NW Dist.-BH	0	0	2	0.94	2	14
South Peninsula		0	0	1	0.94	2	15
Chignik	Black Lake	5,847	4,721	6,811	0.00	5,735	636
	Chignik Lake	1,024	487	1,676	0.00	1,031	365
East of WASSIP		4,711	3,806	5,516	0.00	4,628	521
Total		22,197				22,201	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.02 times unadjusted median.

Appendix C66.–June, Ikatan area (statistical areas 284-45 through 284-99), Alaska Peninsula Area, Westward Region, 2006, temporal stratum 1. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 1 (6/7–6/13; Harvest = 5,330; n = 639)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	0	0.97	0	2
Kuskokwim Bay	Kuskokwim R.	0	0	0	0.97	0	2
	Kanektok	15	0	53	0.13	19	20
	Goodnews	0	0	1	0.94	1	4
Bristol Bay	Togiak	12	0	40	0.11	15	13
	Igushik	0	0	1	0.94	1	7
	Wood	958	787	1,127	0.00	950	103
	Nushagak	271	166	388	0.00	271	68
	Kvichak	227	142	329	0.00	228	57
	Alagnak	43	1	101	0.05	46	30
	Naknek	161	90	251	0.00	163	49
	Egegik	1,198	974	1,418	0.00	1,188	135
	Ugashik	264	125	421	0.01	265	92
North Peninsula	Cinder	0	0	4	0.93	2	14
	Meshik	0	0	11	0.92	2	12
	Ilnik	179	101	271	0.00	180	52
	Sandy	0	0	0	0.97	0	2
	Bear	117	58	196	0.00	120	42
	Nelson	0	0	14	0.75	2	6
	NW Dist.-BH	0	0	0	0.96	0	2
South Peninsula		27	8	60	0.00	29	16
Chignik	Black Lake	565	448	688	0.00	562	73
	Chignik Lake	0	0	5	0.89	1	5
East of WASSIP		1,292	1,101	1,474	0.00	1,281	114
Total		5,329				5,326	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.01 times unadjusted median.

Appendix C67.–June, Ikatan area (statistical areas 284-45 through 284-99), Alaska Peninsula Area, Westward Region, 2006, temporal stratum 2. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 2 (6/17–6/20; Harvest = 20,182; n = 339)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	267	0.84	32	105
Kuskokwim Bay	Kuskokwim R.	0	0	0	0.96	1	9
	Kanektok	0	0	1	0.95	2	22
	Goodnews	0	0	185	0.71	29	73
Bristol Bay	Togiak	0	0	2	0.94	3	22
	Igushik	0	0	2	0.93	5	43
	Wood	5,612	4,584	6,519	0.00	5,514	589
	Nushagak	422	188	760	0.00	435	177
	Kvichak	926	459	1,506	0.00	935	321
	Alagnak	1,133	712	1,622	0.00	1,131	279
	Naknek	1,902	1,207	2,644	0.00	1,885	439
	Egegik	3,217	2,087	4,378	0.00	3,179	698
	Ugashik	1,164	354	2,066	0.02	1,168	522
North Peninsula	Cinder	0	0	2	0.94	4	29
	Meshik	0	0	0	0.95	1	13
	Ilnik	0	0	12	0.86	3	18
	Sandy	150	15	416	0.02	172	127
	Bear	0	0	277	0.63	52	101
	Nelson	47	3	202	0.01	67	67
	NW Dist.-BH	0	0	0	0.95	1	10
South Peninsula		43	3	183	0.01	61	61
Chignik	Black Lake	3,150	2,421	3,851	0.00	3,103	435
	Chignik Lake	0	0	13	0.92	8	47
East of WASSIP		2,416	1,786	3,057	0.00	2,385	387
Total		20,182				20,176	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.02 times unadjusted median.

Appendix C68.–June, Ikatan area (statistical areas 284-45 through 284-99), Alaska Peninsula Area, Westward Region, 2006, temporal stratum 3. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 3 (6/22–6/29; Harvest = 13,326; n = 394)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	0	0.96	1	8
Kuskokwim Bay	Kuskokwim R.	0	0	341	0.62	78	125
	Kanektok	0	0	1	0.94	2	11
	Goodnews	0	0	133	0.77	19	53
Bristol Bay	Togiak	97	0	261	0.10	106	83
	Igushik	366	0	739	0.19	342	241
	Wood	1,669	1,127	2,181	0.00	1,627	321
	Nushagak	215	1	474	0.05	209	154
	Kvichak	637	335	979	0.00	631	197
	Alagnak	877	574	1,186	0.00	859	187
	Naknek	888	542	1,259	0.00	873	220
	Egegik	1,068	639	1,562	0.00	1,056	283
	Ugashik	1,354	832	1,850	0.00	1,319	311
North Peninsula	Cinder	0	0	66	0.89	11	48
	Meshik	66	0	465	0.44	139	168
	Ilnik	0	0	1	0.95	3	23
	Sandy	110	0	323	0.17	123	106
	Bear	354	141	642	0.00	360	154
	Nelson	0	0	0	0.96	0	4
	NW Dist.-BH	0	0	8	0.92	2	13
South Peninsula		154	37	487	0.00	193	144
Chignik	Black Lake	4,090	3,324	4,621	0.00	3,958	394
	Chignik Lake	0	0	423	0.75	66	150
East of WASSIP		1,381	981	1,752	0.00	1,345	235
Total		13,326				13,322	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.04 times unadjusted median.

Appendix C69.–June, Ikatan area (statistical areas 284-45 through 284-99), Alaska Peninsula Area, Westward Region, 2007, temporal stratum 1. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 1 (6/7–6/13; Harvest = 70,806; n = 397)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	1,592	0.60	333	576
Kuskokwim Bay	Kuskokwim R.	0	0	3	0.93	8	68
	Kanektok	0	0	320	0.79	49	196
	Goodnews	1,799	543	3,107	0.04	1,764	785
Bristol Bay	Togiak	0	0	326	0.88	71	330
	Igushik	230	0	3,159	0.33	825	1,126
	Wood	17,695	13,635	20,468	0.00	16,995	2,072
	Nushagak	5,602	3,670	7,704	0.00	5,484	1,236
	Kvichak	3,226	1,661	5,095	0.00	3,196	1,055
	Alagnak	1,954	952	3,212	0.00	1,952	696
	Naknek	4,903	3,102	6,728	0.00	4,777	1,109
	Egegik	13,819	9,860	17,127	0.00	13,341	2,219
	Ugashik	12,283	8,158	15,765	0.00	11,835	2,317
North Peninsula	Cinder	1,328	0	3,425	0.26	1,344	1,169
	Meshik	0	0	3,703	0.63	809	1,344
	Ilnik	0	0	57	0.91	38	223
	Sandy	0	0	19	0.92	16	104
	Bear	1,269	388	2,507	0.00	1,302	657
	Nelson	131	5	553	0.03	183	186
	NW Dist.-BH	0	0	378	0.75	56	154
South Peninsula		0	0	11	0.92	10	66
Chignik	Black Lake	2,489	1,426	3,691	0.00	2,449	695
	Chignik Lake	0	0	2	0.94	5	45
East of WASSIP		4,078	2,531	5,683	0.00	3,981	965
Total		70,806				70,823	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.04 times unadjusted median.

Appendix C70.–June, Ikatan area (statistical areas 284-45 through 284-99), Alaska Peninsula Area, Westward Region, 2007, temporal stratum 2. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 2 (6/14–6/20; Harvest = 84,170; n = 370)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	1	0.94	4	46
Kuskokwim Bay	Kuskokwim R.	0	0	2	0.94	5	50
	Kanektok	1,267	32	4,079	0.01	1,519	1,382
	Goodnews	1,042	0	2,701	0.21	1,076	900
Bristol Bay	Togiak	0	0	1,722	0.63	352	625
	Igushik	7,812	4,244	11,775	0.00	7,748	2,300
	Wood	22,379	17,133	26,779	0.00	21,818	2,933
	Nushagak	1,691	0	4,610	0.07	1,875	1,478
	Kvichak	10,383	6,846	13,805	0.00	10,171	2,121
	Alagnak	7,740	5,368	10,104	0.00	7,599	1,443
	Naknek	5,058	2,972	7,643	0.00	5,055	1,441
	Egegik	15,485	10,196	20,945	0.00	15,249	3,275
	Ugashik	8,220	3,057	13,211	0.00	8,040	3,090
North Peninsula	Cinder	0	0	325	0.83	50	216
	Meshik	362	0	1,726	0.35	531	612
	Ilnik	0	0	3	0.93	9	74
	Sandy	0	0	2	0.94	6	53
	Bear	0	0	469	0.72	71	199
	Nelson	204	0	920	0.11	293	313
	NW Dist.-BH	0	0	3	0.93	6	50
South Peninsula		0	0	6	0.93	8	62
Chignik	Black Lake	714	117	1,739	0.02	782	507
	Chignik Lake	0	0	415	0.85	55	212
East of WASSIP		1,812	848	3,115	0.00	1,840	699
Total		84,169				84,162	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.03 times unadjusted median.

Appendix C71.–June, Ikatan area (statistical areas 284–45 through 284–99), Alaska Peninsula Area, Westward Region, 2007, temporal stratum 3. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 3 (6/22–6/29; Harvest = 31,351; n = 326)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	0	0.95	1	16
Kuskokwim Bay	Kuskokwim R.	0	0	644	0.61	133	234
	Kanektok	228	0	686	0.11	265	243
	Goodnews	314	0	1,009	0.35	347	361
Bristol Bay	Togiak	359	0	1,475	0.30	483	512
	Igushik	975	155	1,951	0.02	985	541
	Wood	5,779	4,203	7,069	0.00	5,587	872
	Nushagak	0	0	871	0.54	193	316
	Kvichak	2,204	1,094	3,379	0.00	2,162	697
	Alagnak	3,847	2,731	4,854	0.00	3,733	648
	Naknek	2,958	1,683	4,179	0.00	2,875	759
	Egegik	6,444	4,036	8,419	0.00	6,207	1,324
	Ugashik	3,531	1,766	5,428	0.00	3,471	1,116
North Peninsula	Cinder	0	0	20	0.91	12	73
	Meshik	0	0	450	0.83	56	178
	Ilnik	0	0	256	0.87	32	131
	Sandy	232	0	815	0.30	276	283
	Bear	0	0	234	0.79	33	105
	Nelson	0	0	39	0.90	9	46
	NW Dist.-BH	0	0	72	0.88	11	52
South Peninsula		0	0	11	0.92	10	67
Chignik	Black Lake	742	0	1,381	0.11	706	412
	Chignik Lake	0	0	753	0.62	139	266
East of WASSIP		3,738	2,646	4,714	0.00	3,626	628
Total		31,351				31,352	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.04 times unadjusted median.

Appendix C72.–June, Ikatan area (statistical areas 284-45 through 284-99), Alaska Peninsula Area, Westward Region, 2008, temporal stratum 1. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 1 (6/7–6/13; Harvest = 4,071; n = 0[b])					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	0	0.96	0	4
Kuskokwim Bay	Kuskokwim R.	0	0	0	0.96	0	2
	Kanektok	0	0	15	0.88	2	10
	Goodnews	0	0	69	0.64	14	25
Bristol Bay	Togiak	0	0	39	0.72	7	15
	Igushik	0	0	146	0.53	35	53
	Wood	676	512	812	0.00	660	91
	Nushagak	342	230	454	0.00	336	68
	Kvichak	756	602	884	0.00	739	86
	Alagnak	131	78	194	0.00	131	35
	Naknek	312	210	420	0.00	308	64
	Egegik	1,292	1,070	1,465	0.00	1,261	120
	Ugashik	288	164	416	0.00	283	77
North Peninsula	Cinder	0	0	1	0.94	1	5
	Meshik	0	0	15	0.89	2	10
	Ilnik	0	0	54	0.72	8	20
	Sandy	0	0	0	0.95	0	2
	Bear	77	39	127	0.00	78	27
	Nelson	12	2	33	0.00	14	10
	NW Dist.-BH	0	0	6	0.91	1	5
South Peninsula		11	2	32	0.00	14	10
Chignik	Black Lake	102	58	154	0.00	102	29
	Chignik Lake	0	0	20	0.88	2	9
East of WASSIP		71	38	114	0.00	72	23
Total		4,070				4,070	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.03 times unadjusted median.

[b] No samples collected. Stock composition estimate from temporal stratum 2, 2008, (June), Ikatan area used as proxy.

Appendix C73.–June, Ikatan area (statistical areas 284-45 through 284-99), Alaska Peninsula Area, Westward Region, 2008, temporal stratum 2. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 2 (6/14–6/20; Harvest = 66,125; n = 597)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	2	0.94	7	62
Kuskokwim Bay	Kuskokwim R.	0	0	3	0.93	5	36
	Kanektok	0	0	237	0.85	38	168
	Goodnews	0	0	1,120	0.62	223	401
Bristol Bay	Togiak	0	0	639	0.70	108	236
	Igushik	1	0	2,379	0.49	576	858
	Wood	10,983	8,316	13,192	0.00	10,716	1,480
	Nushagak	5,550	3,733	7,377	0.00	5,459	1,108
	Kvichak	12,272	9,794	14,376	0.00	11,998	1,396
	Alagnak	2,135	1,264	3,152	0.00	2,124	575
	Naknek	5,074	3,416	6,811	0.00	5,005	1,037
	Egegik	20,991	17,408	23,801	0.00	20,491	1,947
	Ugashik	4,669	2,656	6,760	0.00	4,605	1,253
North Peninsula	Cinder	0	0	22	0.91	13	81
	Meshik	0	0	250	0.86	38	170
	Ilnik	0	0	885	0.69	138	320
	Sandy	0	0	6	0.93	6	40
	Bear	1,254	635	2,056	0.00	1,267	437
	Nelson	193	40	531	0.00	224	158
	NW Dist.-BH	0	0	105	0.88	17	75
South Peninsula		191	40	528	0.00	222	157
Chignik	Black Lake	1,657	946	2,500	0.00	1,653	475
	Chignik Lake	0	0	320	0.85	40	150
East of WASSIP		1,155	623	1,855	0.00	1,167	379
Total		66,125				66,140	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.03 times unadjusted median.

Appendix C74.–June, Ikatan area (statistical areas 284-45 through 284-99), Alaska Peninsula Area, Westward Region, 2008, temporal stratum 3. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 3 (6/22–6/29; Harvest = 112,885; n = 218)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	5	0.93	17	159
Kuskokwim Bay	Kuskokwim R.	0	0	10	0.92	20	177
	Kanektok	1,317	177	3,515	0.01	1,473	1,063
	Goodnews	0	0	2,257	0.66	394	836
Bristol Bay	Togiak	0	0	712	0.82	98	361
	Igushik	0	0	10,978	0.58	2,608	4,026
	Wood	23,770	13,374	30,216	0.00	22,260	5,097
	Nushagak	3,793	847	7,574	0.00	3,834	2,059
	Kvichak	20,401	13,697	26,127	0.00	19,583	3,782
	Alagnak	9,879	5,869	13,841	0.00	9,562	2,436
	Naknek	9,883	5,240	14,864	0.00	9,641	2,945
	Egegik	29,586	19,533	38,411	0.00	28,433	5,753
	Ugashik	8,002	0	15,353	0.07	7,541	4,702
North Peninsula	Cinder	0	0	1,542	0.83	195	716
	Meshik	0	0	3,244	0.74	475	1,224
	Ilnik	0	0	24	0.91	34	260
	Sandy	0	0	39	0.91	34	234
	Bear	1,150	0	3,515	0.12	1,315	1,148
	Nelson	0	0	135	0.90	48	274
	NW Dist.-BH	0	0	42	0.91	26	165
South Peninsula		0	0	4	0.93	11	97
Chignik	Black Lake	3,705	1,623	6,318	0.00	3,688	1,449
	Chignik Lake	0	0	473	0.87	76	348
East of WASSIP		1,400	327	3,380	0.00	1,523	968
Total		112,886				112,889	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.05 times unadjusted median.

Appendix C75.–June, Unimak District, Alaska Peninsula Area, Westward Region, 2006, temporal stratum 1. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 1 (6/7–6/13; Harvest = 57,171; n = 364)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	1	0.95	2	22
Kuskokwim Bay	Kuskokwim R.	0	0	500	0.83	66	238
	Kanektok	0	0	285	0.88	43	192
	Goodnews	0	0	588	0.66	101	223
Bristol Bay	Togiak	0	0	132	0.87	22	101
	Igushik	0	0	98	0.80	22	114
	Wood	8,042	6,060	9,941	0.00	7,916	1,180
	Nushagak	1,260	477	2,357	0.01	1,299	587
	Kvichak	0	0	613	0.74	85	245
	Alagnak	475	126	1,117	0.00	523	312
	Naknek	1,903	958	3,134	0.00	1,931	669
	Egegik	5,331	3,512	7,244	0.00	5,278	1,140
	Ugashik	317	0	1,948	0.28	580	689
North Peninsula	Cinder	0	0	591	0.75	85	250
	Meshik	0	0	286	0.87	42	186
	Ilnik	0	0	2	0.94	5	49
	Sandy	0	0	1	0.94	4	38
	Bear	0	0	5	0.92	5	37
	Nelson	0	0	1	0.94	2	25
	NW Dist.-BH	0	0	1	0.95	2	20
South Peninsula		410	55	1,005	0.04	453	302
Chignik	Black Lake	29,885	25,874	32,893	0.00	29,293	2,138
	Chignik Lake	0	0	6	0.93	10	77
East of WASSIP		9,548	7,373	11,593	0.00	9,395	1,285
Total		57,171				57,164	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.02 times unadjusted median.

Appendix C76.–June, Unimak District, Alaska Peninsula Area, Westward Region, 2006, temporal stratum 2. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 2 (6/14–6/20; Harvest = 138,349; n = 375)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	2	0.94	5	54
Kuskokwim Bay	Kuskokwim R.	0	0	2	0.94	6	65
	Kanektok	0	0	4	0.93	16	171
	Goodnews	0	0	426	0.87	71	334
Bristol Bay	Togiak	0	0	891	0.59	167	339
	Igushik	5,104	231	9,681	0.05	5,132	2,619
	Wood	37,380	29,969	44,033	0.00	36,758	4,275
	Nushagak	3,269	1,250	6,415	0.00	3,429	1,610
	Kvichak	2,454	1,010	4,606	0.00	2,554	1,115
	Alagnak	5,154	2,858	7,976	0.00	5,184	1,571
	Naknek	8,158	5,037	11,772	0.00	8,145	2,060
	Egegik	24,483	18,241	30,546	0.00	24,133	3,733
	Ugashik	10,727	6,205	15,622	0.00	10,657	2,861
North Peninsula	Cinder	5,390	2,308	8,956	0.01	5,398	2,053
	Meshik	0	0	63	0.90	80	551
	Ilnik	0	0	1,099	0.84	141	535
	Sandy	335	0	2,498	0.39	702	893
	Bear	0	0	1,110	0.84	142	534
	Nelson	0	0	1	0.94	4	40
	NW Dist.-BH	0	0	68	0.90	21	123
South Peninsula		290	0	1,504	0.20	451	524
Chignik	Black Lake	21,009	16,226	25,665	0.00	20,707	2,864
	Chignik Lake	0	0	12	0.92	24	203
East of WASSIP		14,596	10,731	18,551	0.00	14,427	2,381
Total		138,349				138,354	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.02 times unadjusted median.

Appendix C77.–June, Unimak District, Alaska Peninsula Area, Westward Region, 2006, temporal stratum 3. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 3 (6/22–6/23; Harvest = 13,480; n = 0[b])					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	1	0.93	1	5
Kuskokwim Bay	Kuskokwim R.	0	0	28	0.86	8	40
	Kanektok	31	14	66	0.00	35	30
	Goodnews	52	15	387	0.02	125	129
Bristol Bay	Togiak	0	0	199	0.67	29	71
	Igushik	694	298	1,153	0.00	694	263
	Wood	2,370	1,786	2,918	0.00	2,326	344
	Nushagak	574	251	922	0.00	570	203
	Kvichak	2,211	1,665	2,709	0.00	2,167	318
	Alagnak	1,016	731	1,314	0.00	1,003	178
	Naknek	1,385	984	1,791	0.00	1,364	246
	Egegik	2,552	1,966	3,111	0.00	2,507	348
	Ugashik	1,122	689	1,562	0.00	1,105	266
North Peninsula	Cinder	0	0	4	0.91	1	9
	Meshik	304	121	550	0.01	311	133
	Ilnik	11	0	94	0.34	24	34
	Sandy	0	0	3	0.91	1	9
	Bear	289	123	511	0.00	295	120
	Nelson	0	0	4	0.89	1	4
	NW Dist.-BH	0	0	94	0.79	13	35
South Peninsula		145	34	294	0.00	150	80
Chignik	Black Lake	199	31	374	0.00	198	102
	Chignik Lake	0	0	216	0.70	35	76
East of WASSIP		524	355	722	0.00	521	112
Total		13,479				13,484	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.03 times unadjusted median.

[b] No samples collected. Average stock composition estimate of temporal stratum 3, 2007 and 2008, Unimak District used as proxy.

Appendix C78.–June, Unimak District, Alaska Peninsula Area, Westward Region, 2007, temporal stratum 1. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 1 (6/7–6/13; Harvest = 122,908; n = 397)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	3	0.93	8	80
Kuskokwim Bay	Kuskokwim R.	0	0	955	0.75	141	408
	Kanektok	0	0	23	0.91	36	285
	Goodnews	0	0	2,631	0.80	331	909
Bristol Bay	Togiak	2,710	0	4,896	0.11	2,598	1,421
	Igushik	4,721	1,419	8,357	0.02	4,711	2,112
	Wood	33,076	26,124	39,028	0.00	32,344	3,926
	Nushagak	8,878	4,317	14,092	0.00	8,824	3,022
	Kvichak	10,945	7,121	14,873	0.00	10,775	2,359
	Alagnak	6,133	3,835	8,714	0.00	6,086	1,493
	Naknek	6,396	3,845	9,324	0.00	6,359	1,676
	Egegik	22,211	14,810	28,691	0.00	21,678	4,210
	Ugashik	12,406	6,486	19,049	0.00	12,335	3,815
North Peninsula	Cinder	1,106	0	3,688	0.32	1,267	1,290
	Meshik	0	0	3,492	0.75	523	1,221
	Ilnik	1,269	352	3,198	0.00	1,433	906
	Sandy	0	0	1,053	0.65	182	399
	Bear	2,623	973	4,934	0.00	2,700	1,224
	Nelson	0	0	1	0.94	4	36
	NW Dist.-BH	0	0	2	0.94	7	70
South Peninsula		611	130	1,642	0.00	702	487
Chignik	Black Lake	3,497	1,820	5,622	0.00	3,522	1,165
	Chignik Lake	0	0	3	0.93	9	84
East of WASSIP		6,326	4,032	8,901	0.00	6,270	1,493
Total		122,908				122,845	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.03 times unadjusted median.

Appendix C79.–June, Unimak District, Alaska Peninsula Area, Westward Region, 2007, temporal stratum 2. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 2 (6/14–6/20; Harvest = 313,938; n = 380)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	4	0.93	14	149
Kuskokwim Bay	Kuskokwim R.	0	0	10,724	0.62	2,419	3,916
	Kanektok	1,013	0	3,893	0.24	1,287	1,335
	Goodnews	6,934	0	13,441	0.11	6,649	4,071
Bristol Bay	Togiak	0	0	2,711	0.68	414	1,175
	Igushik	3,374	0	15,804	0.32	4,980	5,680
	Wood	103,981	83,207	117,869	0.00	100,147	10,549
	Nushagak	6,724	0	13,361	0.08	6,390	4,189
	Kvichak	26,952	17,487	36,420	0.00	26,299	5,773
	Alagnak	17,908	10,979	25,221	0.00	17,546	4,342
	Naknek	30,163	19,879	40,214	0.00	29,375	6,209
	Egegik	42,378	26,793	58,502	0.00	41,423	9,667
	Ugashik	47,243	29,548	62,525	0.00	45,639	10,023
North Peninsula	Cinder	0	0	19	0.92	43	349
	Meshik	19	0	8,309	0.48	2,279	3,016
	Ilnik	0	0	20	0.91	43	372
	Sandy	190	0	3,901	0.43	925	1,405
	Bear	0	0	1,358	0.75	193	646
	Nelson	0	0	12	0.92	25	211
	NW Dist.-BH	0	0	4	0.93	12	116
South Peninsula		0	0	2,497	0.66	422	974
Chignik	Black Lake	6,474	2,620	11,510	0.00	6,539	2,743
	Chignik Lake	0	0	4,029	0.62	764	1,470
East of WASSIP		20,583	13,469	27,685	0.00	20,083	4,345
Total		313,936				313,910	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.04 times unadjusted median.

Appendix C80.–June, Unimak District, Alaska Peninsula Area, Westward Region, 2007, temporal stratum 3. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 3 (6/22–6/29; Harvest = 34,169; n = 446)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	1	0.94	3	29
Kuskokwim Bay	Kuskokwim R.	0	0	32	0.90	7	39
	Kanektok	691	321	1,190	0.00	706	267
	Goodnews	747	242	1,278	0.03	745	315
Bristol Bay	Togiak	0	0	370	0.84	44	157
	Igushik	1,930	978	3,477	0.00	2,018	768
	Wood	7,516	5,666	9,100	0.00	7,378	1,043
	Nushagak	442	121	1,097	0.00	497	315
	Kvichak	2,549	1,654	3,551	0.00	2,536	578
	Alagnak	4,497	3,442	5,539	0.00	4,443	638
	Naknek	2,667	1,808	3,621	0.00	2,654	553
	Egegik	3,797	2,208	5,470	0.00	3,768	992
	Ugashik	4,824	3,179	6,512	0.00	4,778	1,014
North Peninsula	Cinder	0	0	13	0.92	8	51
	Meshik	0	0	1	0.94	3	26
	Ilnik	0	0	365	0.85	43	147
	Sandy	0	0	3	0.93	4	26
	Bear	0	0	1	0.94	2	19
	Nelson	0	0	46	0.89	8	35
	NW Dist.-BH	0	0	0	0.95	1	12
South Peninsula		0	0	194	0.72	31	77
Chignik	Black Lake	780	409	1,272	0.00	793	265
	Chignik Lake	0	0	4	0.93	4	30
East of WASSIP		3,731	2,813	4,660	0.00	3,688	563
Total		34,171				34,162	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.02 times unadjusted median.

Appendix C81.–June, Unimak District, Alaska Peninsula Area, Westward Region, 2008, temporal stratum 1. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 1 (6/7–6/13; Harvest = 94,413; n = 477)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	1	0.95	3	31
Kuskokwim Bay	Kuskokwim R.	1,029	335	2,112	0.00	1,080	554
	Kanektok	322	0	2,372	0.20	605	801
	Goodnews	0	0	801	0.79	108	313
Bristol Bay	Togiak	420	0	1,338	0.05	508	443
	Igushik	8,186	4,898	11,535	0.00	8,036	2,020
	Wood	11,024	7,336	14,638	0.00	10,790	2,216
	Nushagak	5,012	2,901	7,282	0.00	4,946	1,340
	Kvichak	12,403	8,904	15,576	0.00	12,094	2,034
	Alagnak	1,865	764	3,296	0.00	1,888	779
	Naknek	9,279	6,394	12,143	0.00	9,088	1,753
	Egegik	31,666	25,675	36,010	0.00	30,730	3,146
	Ugashik	451	0	4,467	0.29	1,257	1,593
North Peninsula	Cinder	2,311	0	4,188	0.07	2,240	1,171
	Meshik	0	0	1,427	0.79	187	543
	Ilnik	0	0	865	0.60	157	340
	Sandy	1,235	0	2,572	0.09	1,239	762
	Bear	1,564	104	3,250	0.04	1,607	911
	Nelson	2,074	1,083	3,315	0.00	2,079	686
	NW Dist.-BH	3,367	2,072	4,820	0.00	3,328	842
South Peninsula		0	0	1	0.95	3	27
Chignik	Black Lake	1,045	0	2,167	0.18	993	704
	Chignik Lake	0	0	1,359	0.68	256	489
East of WASSIP		1,160	461	2,230	0.00	1,205	549
Total		94,413				94,427	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.03 times unadjusted median.

Appendix C82.–June, Unimak District, Alaska Peninsula Area, Westward Region, 2008, temporal stratum 2. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 2 (6/14–6/20; Harvest = 466,132; n = 269)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	7	0.93	23	246
Kuskokwim Bay	Kuskokwim R.	0	0	22	0.91	56	550
	Kanektok	0	0	1,701	0.87	342	1,693
	Goodnews	7,057	0	16,920	0.08	7,486	5,130
Bristol Bay	Togiak	0	0	4,892	0.74	727	1,912
	Igushik	14,414	0	37,988	0.13	14,962	12,926
	Wood	89,851	57,721	120,471	0.00	88,046	19,160
	Nushagak	36,094	17,694	58,048	0.00	36,123	12,329
	Kvichak	71,118	48,777	92,589	0.00	69,785	13,323
	Alagnak	24,848	13,100	39,188	0.00	24,923	7,992
	Naknek	63,019	42,268	83,735	0.00	61,961	12,663
	Egegik	143,617	110,958	170,236	0.00	140,143	18,069
	Ugashik	0	0	20,546	0.72	2,932	7,321
North Peninsula	Cinder	0	0	261	0.83	103	683
	Meshik	0	0	11	0.92	31	307
	Ilnik	0	0	27	0.91	52	440
	Sandy	0	0	737	0.86	162	840
	Bear	8,108	0	18,077	0.09	8,321	5,466
	Nelson	1,342	103	5,575	0.00	1,870	1,847
	NW Dist.-BH	0	0	535	0.76	111	554
South Peninsula		1,259	92	5,257	0.00	1,764	1,763
Chignik	Black Lake	5,406	1,425	12,570	0.00	5,904	3,521
	Chignik Lake	0	0	7	0.93	22	218
East of WASSIP		0	0	2,172	0.79	300	1,036
Total		466,133				466,149	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.03 times unadjusted median.

Appendix C83.–June, Unimak District, Alaska Peninsula Area, Westward Region, 2008, temporal stratum 3. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 3 (6/22–6/29; Harvest = 285,606; n = 393)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	4	0.93	11	117
Kuskokwim Bay	Kuskokwim R.	0	0	651	0.89	191	936
	Kanektok	0	0	691	0.87	134	667
	Goodnews	11	0	8,413	0.48	2,208	3,038
Bristol Bay	Togiak	0	0	4,674	0.74	649	1,665
	Igushik	14,497	5,122	25,226	0.00	14,445	6,169
	Wood	48,872	35,262	61,412	0.00	47,765	7,984
	Nushagak	13,160	5,477	21,291	0.00	13,022	4,792
	Kvichak	50,068	37,087	61,626	0.00	48,846	7,490
	Alagnak	19,653	13,049	26,548	0.00	19,336	4,125
	Naknek	30,260	20,732	39,745	0.00	29,696	5,784
	Egegik	56,957	43,011	69,796	0.00	55,683	8,155
	Ugashik	21,808	11,736	32,069	0.00	21,427	6,181
North Peninsula	Cinder	0	0	7	0.92	21	195
	Meshik	7,244	2,867	13,022	0.01	7,362	3,156
	Ilnik	182	0	2,162	0.37	532	798
	Sandy	0	0	14	0.92	27	214
	Bear	6,884	2,914	12,154	0.00	6,991	2,839
	Nelson	0	0	3	0.93	9	93
	NW Dist.-BH	0	0	2,219	0.78	298	834
South Peninsula		3,409	776	6,956	0.00	3,516	1,898
Chignik	Black Lake	3,923	0	8,038	0.10	3,904	2,398
	Chignik Lake	0	0	5,093	0.71	820	1,804
East of WASSIP		8,677	4,910	13,300	0.00	8,672	2,578
Total		285,605				285,565	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.03 times unadjusted median.

Appendix C84.–Post-June, Shumagin Islands Section, Alaska Peninsula Area, Westward Region, 2006, temporal stratum 1. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero (P = 0), mean, and SD.

Reporting Group		Stratum 1 (7/6–7/12; Harvest = 113,843; n = 397)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	P = 0	Mean	SD
Norton Sound		0	0	3	0.93	12	112
Kuskokwim Bay	Kuskokwim R.	0	0	1,314	0.70	222	484
	Kanektok	0	0	493	0.77	72	233
	Goodnews	0	0	394	0.89	73	349
Bristol Bay	Togiak	3,110	1,630	5,042	0.00	3,154	1,049
	Igushik	0	0	4,161	0.73	603	1,417
	Wood	4,125	0	6,427	0.06	3,907	1,681
	Nushagak	3,443	1,695	5,563	0.00	3,464	1,184
	Kvichak	0	0	314	0.85	46	196
	Alagnak	3,496	1,914	5,497	0.00	3,526	1,102
	Naknek	7,533	5,131	10,146	0.00	7,469	1,529
	Egegik	13,523	9,231	18,431	0.00	13,444	2,808
	Ugashik	3,780	0	7,229	0.11	3,646	2,193
North Peninsula	Cinder	2,401	0	4,591	0.10	2,350	1,346
	Meshik	0	0	2,669	0.75	361	942
	Ilnik	0	0	112	0.89	23	120
	Sandy	0	0	36	0.91	25	159
	Bear	3,857	2,056	6,121	0.00	3,886	1,241
	Nelson	0	0	1	0.94	3	34
	NW Dist.-BH	0	0	526	0.66	91	210
South Peninsula		0	0	6	0.93	9	68
Chignik	Black Lake	8,013	4,797	11,515	0.00	7,949	2,048
	Chignik Lake	9,052	5,618	12,817	0.00	8,991	2,195
East of WASSIP		51,510	44,236	57,099	0.00	50,503	3,906
Total		113,843				113,829	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.02 times unadjusted median.

Appendix C85.–Post-June, Shumagin Islands Section, Alaska Peninsula Area, Westward Region, 2006, temporal stratum 2. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero (P = 0), mean, and SD.

Reporting Group		Stratum 2 (7/14–7/21; Harvest = 75,750; n = 406)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	P = 0	Mean	SD
Norton Sound		0	0	832	0.82	103	314
Kuskokwim Bay	Kuskokwim R.	0	0	670	0.77	98	248
	Kanektok	0	0	2	0.94	5	43
	Goodnews	0	0	5	0.93	8	58
Bristol Bay	Togiak	0	0	39	0.85	10	57
	Igushik	0	0	4	0.93	6	53
	Wood	654	75	2,048	0.02	797	627
	Nushagak	2,392	610	4,147	0.01	2,363	1,055
	Kvichak	821	232	1,795	0.00	881	489
	Alagnak	674	116	1,662	0.00	742	484
	Naknek	1,912	955	3,143	0.00	1,938	672
	Egegik	1,416	19	3,319	0.03	1,505	1,000
	Ugashik	3,773	1,692	6,040	0.01	3,753	1,340
North Peninsula	Cinder	0	0	744	0.78	96	314
	Meshik	0	0	628	0.87	88	380
	Ilnik	0	0	4	0.93	10	93
	Sandy	0	0	479	0.86	60	235
	Bear	40	0	1,111	0.42	270	408
	Nelson	0	0	1	0.95	2	21
	NW Dist.-BH	106	0	539	0.14	164	188
South Peninsula		0	0	343	0.88	56	255
Chignik	Black Lake	6,506	4,344	8,761	0.00	6,432	1,346
	Chignik Lake	6,701	4,486	9,128	0.00	6,649	1,420
East of WASSIP		50,756	44,680	55,020	0.00	49,725	3,158
Total		75,751				75,761	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.02 times unadjusted median.

Appendix C86.–Post-June, Shumagin Islands Section, Alaska Peninsula Area, Westward Region, 2006, temporal stratum 3. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero (P = 0), mean, and SD.

Reporting Group		Stratum 3 (7/23–7/31; Harvest = 85,702; n = 396)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	P = 0	Mean	SD
Norton Sound		0	0	1	0.95	2	21
Kuskokwim Bay	Kuskokwim R.	0	0	1	0.95	2	22
	Kanektok	0	0	1	0.94	3	31
	Goodnews	0	0	668	0.76	96	255
Bristol Bay	Togiak	311	0	1,160	0.17	398	393
	Igushik	0	0	1	0.94	3	28
	Wood	0	0	0	0.95	2	24
	Nushagak	0	0	30	0.85	9	51
	Kvichak	0	0	223	0.88	33	144
	Alagnak	0	0	1	0.94	3	32
	Naknek	0	0	454	0.57	85	175
	Egegik	0	0	532	0.74	76	213
	Ugashik	5	0	1,045	0.45	222	381
North Peninsula	Cinder	0	0	1	0.94	4	40
	Meshik	0	0	472	0.86	60	233
	Ilnik	0	0	1	0.94	3	30
	Sandy	0	0	340	0.83	47	173
	Bear	0	0	7	0.92	9	71
	Nelson	0	0	1	0.94	3	26
	NW Dist.-BH	0	0	1	0.94	3	30
South Peninsula		0	0	2	0.94	7	71
Chignik	Black Lake	6,443	3,891	9,406	0.00	6,471	1,680
	Chignik Lake	26,676	22,032	31,059	0.00	26,430	2,752
East of WASSIP		52,268	46,302	57,531	0.00	51,749	3,424
Total		85,703				85,720	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.01 times unadjusted median.

Appendix C87.–Post-June, Shumagin Islands Section, Alaska Peninsula Area, Westward Region, 2006, temporal stratum 4. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero (P = 0), mean, and SD.

Reporting Group		Stratum 4 (8/3–8/20; Harvest = 91,138; n = 0[b])					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	P = 0	Mean	SD
Norton Sound		0	0	701	0.78	88	270
Kuskokwim Bay	Kuskokwim R.	0	0	74	0.75	14	59
	Kanektok	52	0	253	0.09	80	98
	Goodnews	0	0	94	0.73	15	55
Bristol Bay	Togiak	0	0	57	0.76	11	53
	Igushik	0	0	192	0.81	30	129
	Wood	1,796	1,002	2,825	0.00	1,821	557
	Nushagak	670	280	1,209	0.00	691	286
	Kvichak	1,184	413	2,273	0.00	1,230	572
	Alagnak	513	213	960	0.00	535	230
	Naknek	1,091	563	1,839	0.00	1,122	396
	Egegik	2,900	1,695	4,362	0.00	2,918	817
	Ugashik	569	0	1,176	0.14	553	376
North Peninsula	Cinder	1,256	0	2,919	0.16	1,259	956
	Meshik	0	0	1,324	0.55	308	553
	Ilnik	0	0	49	0.87	20	119
	Sandy	0	0	15	0.89	6	44
	Bear	10,487	8,173	12,816	0.00	10,389	1,416
	Nelson	0	0	10	0.90	5	41
	NW Dist.-BH	450	0	1,618	0.13	577	532
South Peninsula		2,826	1,448	4,684	0.00	2,885	991
Chignik	Black Lake	0	0	946	0.67	152	375
	Chignik Lake	22,270	18,796	25,409	0.00	21,993	2,011
East of WASSIP		45,074	39,799	49,327	0.00	44,443	2,899
Total		91,138				91,145	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.02 times unadjusted median.

[b] No samples collected. Avergage stock composition estimate from temporal stratum 4, 2007 and 2008, (post-June), Shumagin Islands Section used as proxy.

Appendix C88.–Post-June, Shumagin Islands Section, Alaska Peninsula Area, Westward Region, 2007, temporal stratum 1. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero (P = 0), mean, and SD.

Reporting Group		Stratum 1 (7/6–7/12; Harvest = 138,357; n = 365)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	P = 0	Mean	SD
Norton Sound		0	0	2	0.94	4	43
Kuskokwim Bay	Kuskokwim R.	2,236	0	5,338	0.15	2,211	1,789
	Kanektok	1,641	485	4,103	0.00	1,843	1,187
	Goodnews	6,075	0	9,320	0.07	5,676	2,459
Bristol Bay	Togiak	0	0	5,218	0.66	768	1,768
	Igushik	0	0	121	0.90	77	477
	Wood	25,638	19,159	31,004	0.00	24,888	3,612
	Nushagak	4,861	655	10,961	0.00	5,090	3,216
	Kvichak	5,843	2,663	9,712	0.00	5,846	2,166
	Alagnak	14,869	10,401	19,107	0.00	14,517	2,652
	Naknek	21,784	15,884	26,953	0.00	21,200	3,379
	Egegik	12,857	7,633	19,437	0.00	12,829	3,630
	Ugashik	10,285	2,884	16,145	0.02	9,860	3,926
North Peninsula	Cinder	0	0	3,112	0.60	643	1,126
	Meshik	0	0	62	0.91	45	291
	Ilnik	0	0	345	0.88	71	354
	Sandy	0	0	678	0.82	93	330
	Bear	4,861	2,264	7,979	0.00	4,858	1,747
	Nelson	309	2	1,333	0.05	436	449
	NW Dist.-BH	339	0	1,459	0.06	477	498
South Peninsula		0	0	1,534	0.60	305	562
Chignik	Black Lake	2,398	541	4,631	0.01	2,423	1,241
	Chignik Lake	223	0	3,009	0.24	740	1,064
East of WASSIP		24,137	18,533	28,835	0.00	23,463	3,146
Total		138,356				138,363	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.03 times unadjusted median.

Appendix C89.–Post-June, Shumagin Islands Section, Alaska Peninsula Area, Westward Region, 2007, temporal stratum 2. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero (P = 0), mean, and SD.

Reporting Group		Stratum 2 (7/15–7/21; Harvest = 100,331; n = 396)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	P = 0	Mean	SD
Norton Sound		0	0	1	0.94	3	30
Kuskokwim Bay	Kuskokwim R.	1,225	278	2,735	0.02	1,313	770
	Kanektok	289	0	1,196	0.13	394	404
	Goodnews	0	0	298	0.75	51	216
Bristol Bay	Togiak	3,253	1,859	4,986	0.00	3,271	962
	Igushik	0	0	2,095	0.67	358	759
	Wood	9,503	6,653	12,357	0.00	9,381	1,736
	Nushagak	3,986	2,034	6,457	0.00	4,030	1,356
	Kvichak	2,565	1,125	4,465	0.00	2,615	1,029
	Alagnak	3,802	1,977	6,046	0.00	3,829	1,247
	Naknek	11,231	8,180	14,290	0.00	11,080	1,860
	Egegik	8,507	4,870	12,388	0.00	8,433	2,287
	Ugashik	2,299	0	5,475	0.13	2,308	1,817
North Peninsula	Cinder	0	0	3	0.93	7	63
	Meshik	0	0	4	0.93	9	77
	Ilnik	0	0	412	0.88	67	309
	Sandy	0	0	3	0.93	8	71
	Bear	3,526	1,659	5,732	0.00	3,541	1,243
	Nelson	0	0	1	0.94	3	28
	NW Dist.-BH	0	0	2	0.94	5	46
South Peninsula		0	0	1,574	0.71	259	569
Chignik	Black Lake	5,264	3,133	7,733	0.00	5,256	1,408
	Chignik Lake	12,242	8,985	15,510	0.00	12,081	1,990
East of WASSIP		32,639	27,294	37,080	0.00	32,033	2,983
Total		100,331				100,335	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.02 times unadjusted median.

Appendix C90.–Post-June, Shumagin Islands Section, Alaska Peninsula Area, Westward Region, 2007, temporal stratum 3. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero (P = 0), mean, and SD.

Reporting Group		Stratum 3 (7/23–7/31; Harvest = 120,845; n = 396)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	P = 0	Mean	SD
Norton Sound		0	0	1	0.94	4	38
Kuskokwim Bay	Kuskokwim R.	2,576	1,195	4,418	0.00	2,612	997
	Kanektok	0	0	267	0.88	89	527
	Goodnews	5,671	0	9,806	0.19	4,951	3,304
Bristol Bay	Togiak	4,296	0	11,492	0.12	4,729	3,632
	Igushik	1,817	0	4,271	0.16	1,840	1,374
	Wood	14,916	10,794	18,817	0.00	14,587	2,448
	Nushagak	4,681	2,344	7,479	0.00	4,672	1,585
	Kvichak	1,485	0	4,444	0.25	1,632	1,527
	Alagnak	7,248	4,561	10,111	0.00	7,142	1,694
	Naknek	18,502	13,770	22,710	0.00	18,043	2,720
	Egegik	20,061	11,712	25,277	0.00	19,064	4,097
	Ugashik	0	0	9,320	0.56	2,150	3,417
North Peninsula	Cinder	0	0	320	0.88	71	363
	Meshik	0	0	1,111	0.80	155	512
	Ilnik	0	0	30	0.91	31	215
	Sandy	0	0	3	0.93	9	79
	Bear	8,091	5,142	11,209	0.00	7,959	1,852
	Nelson	0	0	29	0.91	15	94
	NW Dist.-BH	0	0	41	0.91	23	143
South Peninsula		64	0	848	0.38	207	346
Chignik	Black Lake	1,842	0	4,127	0.07	1,887	1,251
	Chignik Lake	4,775	2,436	7,590	0.00	4,773	1,583
East of WASSIP		24,820	19,532	29,256	0.00	24,174	2,970
Total		120,845				120,819	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.03 times unadjusted median.

Appendix C91.–Post-June, Shumagin Islands Section, Alaska Peninsula Area, Westward Region, 2007, temporal stratum 4. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero (P = 0), mean, and SD.

Reporting Group		Stratum 4 (8/1–8/19; Harvest = 39,975; n = 431)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	P = 0	Mean	SD
Norton Sound		0	0	0	0.95	1	12
Kuskokwim Bay	Kuskokwim R.	0	0	16	0.89	9	59
	Kanektok	67	0	320	0.10	100	110
	Goodnews	0	0	95	0.77	15	56
Bristol Bay	Togiak	0	0	43	0.81	8	40
	Igushik	0	0	36	0.89	13	77
	Wood	949	433	1,646	0.00	970	374
	Nushagak	910	379	1,632	0.00	934	386
	Kvichak	0	0	2	0.93	2	22
	Alagnak	691	285	1,283	0.00	716	308
	Naknek	990	505	1,634	0.00	1,006	347
	Egegik	849	281	1,786	0.00	908	467
	Ugashik	762	0	1,549	0.16	730	496
North Peninsula	Cinder	0	0	286	0.81	38	120
	Meshik	0	0	1,229	0.64	265	448
	Ilnik	0	0	1	0.95	2	22
	Sandy	0	0	1	0.94	2	21
	Bear	1,860	1,084	2,774	0.00	1,862	517
	Nelson	0	0	0	0.95	1	10
	NW Dist.-BH	0	0	119	0.86	16	65
South Peninsula		576	0	1,339	0.22	569	448
Chignik	Black Lake	0	0	597	0.78	78	221
	Chignik Lake	6,966	5,442	8,355	0.00	6,853	890
East of WASSIP		25,353	22,285	27,607	0.00	24,878	1,621
Total		39,973				39,976	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.02 times unadjusted median.

Appendix C92.–Post-June, Shumagin Islands Section, Alaska Peninsula Area, Westward Region, 2008, temporal stratum 1. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero (P = 0), mean, and SD.

Reporting Group		Stratum 1 (7/6–7/12; Harvest = 64,152; n = 394)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	P = 0	Mean	SD
Norton Sound		0	0	1	0.94	3	31
Kuskokwim Bay	Kuskokwim R.	923	382	1,730	0.00	959	418
	Kanektok	0	0	5	0.93	9	70
	Goodnews	0	0	193	0.89	39	188
Bristol Bay	Togiak	998	427	1,821	0.01	1,029	434
	Igushik	0	0	468	0.86	58	226
	Wood	759	145	1,595	0.03	792	440
	Nushagak	4,315	2,879	5,905	0.00	4,285	925
	Kvichak	2,664	1,525	4,025	0.00	2,667	766
	Alagnak	1,350	653	2,314	0.00	1,382	512
	Naknek	2,700	1,433	4,202	0.00	2,707	847
	Egegik	4,991	3,262	6,843	0.00	4,943	1,091
	Ugashik	0	0	1,497	0.60	319	541
North Peninsula	Cinder	971	242	2,069	0.01	1,027	567
	Meshik	0	0	157	0.88	26	122
	Ilnik	0	0	5	0.93	11	99
	Sandy	0	0	2	0.94	5	42
	Bear	1,704	791	2,925	0.00	1,737	658
	Nelson	0	0	1	0.94	3	24
	NW Dist.-BH	0	0	22	0.91	12	78
South Peninsula		2,008	1,063	3,297	0.00	2,046	694
Chignik	Black Lake	6,374	4,198	8,687	0.00	6,311	1,367
	Chignik Lake	10,363	7,578	13,072	0.00	10,211	1,671
East of WASSIP		24,033	20,287	27,032	0.00	23,570	2,049
Total		64,153				64,151	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.02 times unadjusted median.

Appendix C93.–Post-June, Shumagin Islands Section, Alaska Peninsula Area, Westward Region, 2008, temporal stratum 2. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero (P = 0), mean, and SD.

Reporting Group		Stratum 2 (7/14–7/21; Harvest = 67,162; n = 396)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	P = 0	Mean	SD
Norton Sound		0	0	2	0.94	5	46
Kuskokwim Bay	Kuskokwim R.	0	0	561	0.52	118	209
	Kanektok	0	0	971	0.71	150	364
	Goodnews	0	0	1,085	0.78	147	396
Bristol Bay	Togiak	1,124	413	2,133	0.00	1,158	533
	Igushik	0	0	1,088	0.54	248	394
	Wood	524	0	1,493	0.17	578	489
	Nushagak	0	0	694	0.50	128	265
	Kvichak	2,055	981	3,393	0.00	2,067	740
	Alagnak	0	0	10	0.90	5	33
	Naknek	2,035	1,027	3,280	0.00	2,043	693
	Egegik	1,295	463	2,505	0.00	1,342	631
	Ugashik	0	0	5	0.93	9	69
North Peninsula	Cinder	1,152	0	2,468	0.12	1,148	763
	Meshik	0	0	5	0.93	9	79
	Ilnik	0	0	1	0.94	3	32
	Sandy	0	0	8	0.92	10	76
	Bear	1,530	597	2,882	0.00	1,582	706
	Nelson	123	0	579	0.09	181	198
	NW Dist.-BH	0	0	5	0.93	6	45
South Peninsula		3,416	1,908	5,238	0.00	3,414	1,024
Chignik	Black Lake	190	0	1,830	0.26	480	646
	Chignik Lake	21,622	17,775	24,535	0.00	21,072	2,057
East of WASSIP		32,096	27,308	35,413	0.00	31,255	2,464
Total		67,162				67,158	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.03 times unadjusted median.

Appendix C94.–Post-June, Shumagin Islands Section, Alaska Peninsula Area, Westward Region, 2008, temporal stratum 3. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero (P = 0), mean, and SD.

Reporting Group		Stratum 3 (7/23–7/31; Harvest = 19,235; n = 149)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	P = 0	Mean	SD
Norton Sound		0	0	735	0.60	150	268
Kuskokwim Bay	Kuskokwim R.	700	0	1,530	0.24	645	517
	Kanektok	0	0	1	0.94	3	36
	Goodnews	0	0	16	0.92	15	93
Bristol Bay	Togiak	267	51	699	0.00	294	209
	Igushik	0	0	10	0.92	12	79
	Wood	2,296	1,332	3,115	0.00	2,158	545
	Nushagak	0	0	1,080	0.64	219	390
	Kvichak	877	0	2,081	0.21	841	704
	Alagnak	974	334	1,682	0.00	940	414
	Naknek	1,332	557	2,206	0.00	1,286	510
	Egegik	2,830	1,463	3,988	0.00	2,652	767
	Ugashik	0	0	2,083	0.57	536	768
North Peninsula	Cinder	0	0	627	0.78	83	248
	Meshik	0	0	40	0.91	13	74
	Ilnik	0	0	3	0.93	6	55
	Sandy	0	0	3	0.93	5	40
	Bear	3,863	2,486	4,861	0.00	3,605	724
	Nelson	0	0	1	0.95	2	16
	NW Dist.-BH	0	0	1	0.94	4	32
South Peninsula		880	327	1,599	0.00	868	395
Chignik	Black Lake	0	0	1	0.95	2	22
	Chignik Lake	1,867	919	2,761	0.00	1,766	562
East of WASSIP		3,349	2,108	4,283	0.00	3,130	665
Total		19,235				19,235	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.08 times unadjusted median.

Appendix C95.–Post-June, Shumagin Islands Section, Alaska Peninsula Area, Westward Region, 2008, temporal stratum 4. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero (P = 0), mean, and SD.

Reporting Group		Stratum 4 (8/1–8/21; Harvest = 83,849; n = 371)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	P = 0	Mean	SD
Norton Sound		0	0	949	0.82	119	367
Kuskokwim Bay	Kuskokwim R.	0	0	36	0.84	9	55
	Kanektok	0	0	3	0.93	9	75
	Goodnews	0	0	2	0.94	6	49
Bristol Bay	Togiak	0	0	7	0.92	7	59
	Igushik	0	0	65	0.90	27	157
	Wood	1,450	586	2,696	0.00	1,504	653
	Nushagak	0	0	2	0.94	5	48
	Kvichak	1,611	557	3,086	0.00	1,668	777
	Alagnak	0	0	55	0.78	11	52
	Naknek	440	2	1,309	0.05	519	411
	Egegik	3,024	1,574	4,842	0.00	3,056	1,002
	Ugashik	0	0	76	0.84	21	125
North Peninsula	Cinder	1,668	0	3,907	0.19	1,673	1,291
	Meshik	0	0	1,313	0.86	153	605
	Ilnik	0	0	26	0.91	24	160
	Sandy	0	0	2	0.94	6	55
	Bear	12,385	9,409	15,386	0.00	12,250	1,820
	Nelson	0	0	3	0.93	6	54
	NW Dist.-BH	594	0	2,179	0.15	767	719
South Peninsula		3,252	1,576	5,662	0.00	3,350	1,260
Chignik	Black Lake	0	0	1,116	0.84	130	457
	Chignik Lake	23,367	19,176	27,144	0.00	23,022	2,420
East of WASSIP		36,058	30,836	40,445	0.00	35,497	2,923
Total		83,849				83,839	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.02 times unadjusted median.

Appendix C96.–Post-June, Dolgoi Island area, Alaska Peninsula Area, Westward Region, 2006, temporal stratum 1. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero (P = 0), mean, and SD.

Reporting Group		Stratum 1 (7/6–7/31; Harvest = 228,307; n = 487)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	P = 0	Mean	SD
Norton Sound		0	0	2	0.94	6	64
Kuskokwim Bay	Kuskokwim R.	0	0	2	0.94	5	51
	Kanektok	0	0	2	0.94	6	64
	Goodnews	0	0	4	0.93	10	90
Bristol Bay	Togiak	0	0	118	0.89	30	165
	Igushik	0	0	6	0.93	12	102
	Wood	0	0	2	0.94	5	51
	Nushagak	0	0	3	0.93	9	86
	Kvichak	0	0	5	0.93	14	131
	Alagnak	0	0	37	0.91	22	140
	Naknek	14	0	1,212	0.47	264	452
	Egegik	1,621	0	4,580	0.23	1,751	1,555
	Ugashik	5	0	3,393	0.47	782	1,224
North Peninsula	Cinder	0	0	5	0.93	13	116
	Meshik	0	0	1,444	0.85	172	652
	Ilnik	0	0	3	0.94	8	83
	Sandy	0	0	23	0.91	28	199
	Bear	0	0	9	0.92	13	111
	Nelson	0	0	2	0.94	5	49
	NW Dist.-BH	0	0	2	0.94	7	71
South Peninsula		0	0	7	0.92	14	137
Chignik	Black Lake	80,302	67,452	92,844	0.00	79,753	7,708
	Chignik Lake	73,315	60,775	85,547	0.00	72,822	7,537
East of WASSIP		73,050	62,749	83,016	0.00	72,533	6,168
Total		228,307				228,284	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.01 times unadjusted median.

Appendix C97.–Post-June, Dolgoi Island area, Alaska Peninsula Area, Westward Region, 2006, temporal stratum 2. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero (P = 0), mean, and SD.

Reporting Group		Stratum 2 (8/1–8/15; Harvest = 17,914; n = 0[b])					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	P = 0	Mean	SD
Norton Sound		0	0	0	0.96	1	5
Kuskokwim Bay	Kuskokwim R.	0	0	0	0.96	0	4
	Kanektok	0	0	0	0.96	1	5
	Goodnews	0	0	0	0.96	1	7
Bristol Bay	Togiak	0	0	9	0.92	2	13
	Igushik	0	0	0	0.95	1	8
	Wood	0	0	0	0.96	0	4
	Nushagak	0	0	0	0.96	1	7
	Kvichak	0	0	0	0.95	1	10
	Alagnak	0	0	3	0.93	2	11
	Naknek	1	0	95	0.49	21	35
	Egegik	127	0	360	0.24	137	122
	Ugashik	0	0	267	0.50	61	96
North Peninsula	Cinder	0	0	0	0.95	1	9
	Meshik	0	0	113	0.87	14	51
	Ilnik	0	0	0	0.96	1	6
	Sandy	0	0	2	0.94	2	16
	Bear	0	0	1	0.95	1	9
	Nelson	0	0	0	0.96	0	4
	NW Dist.-BH	0	0	0	0.96	1	6
South Peninsula		0	0	1	0.95	1	11
Chignik	Black Lake	6,299	5,293	7,290	0.00	6,259	607
	Chignik Lake	5,754	4,773	6,715	0.00	5,715	590
East of WASSIP		5,733	4,921	6,511	0.00	5,692	484
Total		17,914				17,916	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.01 times unadjusted median.

[b] No samples collected. Stock composition estimate from temporal stratum 1, 2006, (post-June), Dolgoi Island area used as proxy.

Appendix C98.–Post-June, Dolgoi Island area, Alaska Peninsula Area, Westward Region, 2007, temporal stratum 1. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero (P = 0), mean, and SD.

Reporting Group		Stratum 1 (7/6–7/31; Harvest = 221,451; n = 397)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	P = 0	Mean	SD
Norton Sound		0	0	2	0.94	7	64
Kuskokwim Bay	Kuskokwim R.	0	0	3	0.93	8	77
	Kanektok	0	0	1,152	0.59	217	446
	Goodnews	2,542	0	5,470	0.10	2,596	1,642
Bristol Bay	Togiak	0	0	1,752	0.81	223	659
	Igushik	755	0	3,802	0.38	1,163	1,356
	Wood	553	0	3,726	0.41	1,085	1,332
	Nushagak	0	0	3	0.93	10	103
	Kvichak	413	31	1,791	0.00	593	608
	Alagnak	393	0	1,823	0.07	579	620
	Naknek	0	0	1,425	0.77	197	577
	Egegik	3,637	0	7,395	0.06	3,697	2,116
	Ugashik	1,253	0	6,109	0.36	1,886	2,159
North Peninsula	Cinder	0	0	207	0.89	67	374
	Meshik	0	0	266	0.89	82	455
	Ilnik	0	0	7	0.93	17	166
	Sandy	0	0	33	0.91	32	222
	Bear	0	0	1,062	0.84	141	534
	Nelson	0	0	3	0.93	9	85
	NW Dist.-BH	0	0	2	0.94	6	62
South Peninsula		0	0	696	0.86	105	459
Chignik	Black Lake	16,068	9,749	22,965	0.00	15,988	4,033
	Chignik Lake	67,505	55,755	77,965	0.00	66,490	6,746
East of WASSIP		128,332	112,453	140,718	0.00	126,214	8,604
Total		221,451				221,412	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.02 times unadjusted median.

Appendix C99.–Post-June, Dolgoi Island area, Alaska Peninsula Area, Westward Region, 2007, temporal stratum 2. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero (P = 0), mean, and SD.

Reporting Group		Stratum 2 (8/1–8/26; Harvest = 11,916; n = 391)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	P = 0	Mean	SD
Norton Sound		0	0	0	0.96	0	4
Kuskokwim Bay	Kuskokwim R.	0	0	0	0.96	0	3
	Kanektok	0	0	0	0.96	1	6
	Goodnews	0	0	108	0.75	17	41
Bristol Bay	Togiak	45	0	153	0.21	54	52
	Igushik	0	0	29	0.89	4	19
	Wood	0	0	25	0.90	4	18
	Nushagak	1	0	117	0.50	27	43
	Kvichak	38	3	140	0.01	50	45
	Alagnak	0	0	0	0.96	1	6
	Naknek	1	0	97	0.49	22	36
	Egegik	0	0	2	0.93	1	10
	Ugashik	0	0	4	0.93	2	12
North Peninsula	Cinder	0	0	20	0.91	6	32
	Meshik	0	0	0	0.96	0	5
	Ilnik	167	47	346	0.02	176	93
	Sandy	0	0	12	0.92	4	25
	Bear	0	0	0	0.95	1	9
	Nelson	0	0	0	0.96	0	3
	NW Dist.-BH	0	0	0	0.96	0	4
South Peninsula		149	54	304	0.00	159	78
Chignik	Black Lake	287	73	572	0.01	298	153
	Chignik Lake	3,756	3,127	4,331	0.00	3,711	366
East of WASSIP		7,472	6,607	8,188	0.00	7,377	481
Total		11,916				11,915	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.01 times unadjusted median.

Appendix C100.–Post-June, Dolgoi Island area, Alaska Peninsula Area, Westward Region, 2008, temporal stratum 1. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero (P = 0), mean, and SD.

Reporting Group		Stratum 1 (7/6–7/31; Harvest = 29,060; n = 384)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	P = 0	Mean	SD
Norton Sound		0	0	65	0.89	11	53
Kuskokwim Bay	Kuskokwim R.	0	0	178	0.68	30	70
	Kanektok	0	0	265	0.87	31	115
	Goodnews	82	0	647	0.44	179	234
Bristol Bay	Togiak	0	0	545	0.51	140	198
	Igushik	0	0	365	0.66	67	134
	Wood	0	0	151	0.84	20	69
	Nushagak	154	0	860	0.37	261	305
	Kvichak	56	4	232	0.01	77	77
	Alagnak	0	0	173	0.55	35	66
	Naknek	440	167	839	0.00	454	208
	Egegik	812	108	1,517	0.04	809	410
	Ugashik	1,653	870	2,547	0.00	1,639	514
North Peninsula	Cinder	0	0	1	0.95	2	19
	Meshik	0	0	1	0.95	2	15
	Ilnik	0	0	410	0.80	53	154
	Sandy	0	0	4	0.93	4	31
	Bear	682	319	1,177	0.00	693	265
	Nelson	0	0	190	0.53	39	72
	NW Dist.-BH	58	4	238	0.01	80	80
South Peninsula		452	186	842	0.00	466	205
Chignik	Black Lake	2,413	1,446	3,410	0.00	2,368	599
	Chignik Lake	9,983	8,154	11,333	0.00	9,692	968
East of WASSIP		12,277	10,346	13,578	0.00	11,910	981
Total		29,062				29,062	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.03 times unadjusted median.

Appendix C101.–Post-June, Dolgoi Island area, Alaska Peninsula Area, Westward Region, 2008, temporal stratum 2. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero (P = 0), mean, and SD.

Reporting Group		Stratum 2 (8/1–8/17; Harvest = 26,739; n = 390)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	P = 0	Mean	SD
Norton Sound		0	0	0	0.96	1	8
Kuskokwim Bay	Kuskokwim R.	0	0	0	0.96	1	7
	Kanektok	0	0	3	0.93	4	33
	Goodnews	0	0	45	0.90	10	52
Bristol Bay	Togiak	0	0	0	0.95	1	13
	Igushik	7	0	203	0.45	46	76
	Wood	0	0	157	0.68	26	63
	Nushagak	0	0	19	0.91	6	33
	Kvichak	0	0	23	0.91	7	37
	Alagnak	0	0	1	0.95	2	14
	Naknek	191	35	473	0.02	212	138
	Egegik	37	0	447	0.38	112	159
	Ugashik	220	0	637	0.16	244	212
North Peninsula	Cinder	0	0	20	0.91	9	52
	Meshik	0	0	140	0.83	20	70
	Ilnik	0	0	2	0.94	3	26
	Sandy	0	0	9	0.92	6	35
	Bear	1,371	816	2,029	0.00	1,372	371
	Nelson	0	0	0	0.96	1	7
	NW Dist.-BH	0	0	188	0.76	28	74
South Peninsula		857	402	1,409	0.00	863	309
Chignik	Black Lake	6	0	832	0.42	180	298
	Chignik Lake	14,336	12,387	15,794	0.00	14,055	1,035
East of WASSIP		9,714	8,170	10,983	0.00	9,533	857
Total		26,739				26,742	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.02 times unadjusted median.

Appendix C102.–Post-June, Ikatan area, Alaska Peninsula Area, Westward Region, 2006, temporal stratum 1. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 1 (7/6–7/31; Harvest = 8,824; n = 0[b])					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	4	0.91	1	7
Kuskokwim Bay	Kuskokwim R.	0	0	37	0.83	4	14
	Kanektok	40	2	106	0.05	45	32
	Goodnews	0	0	215	0.64	41	76
Bristol Bay	Togiak	211	48	347	0.00	207	85
	Igushik	0	0	73	0.71	12	27
	Wood	243	151	349	0.00	242	61
	Nushagak	61	3	141	0.05	66	40
	Kvichak	423	278	581	0.00	420	93
	Alagnak	184	97	302	0.00	188	63
	Naknek	488	349	634	0.00	483	87
	Egegik	421	256	639	0.00	425	121
	Ugashik	526	296	758	0.00	519	143
North Peninsula	Cinder	0	0	93	0.78	13	38
	Meshik	132	0	354	0.29	134	126
	Ilnik	0	0	53	0.83	8	29
	Sandy	0	0	25	0.86	4	16
	Bear	528	362	709	0.00	524	106
	Nelson	22	0	95	0.22	30	32
	NW Dist.-BH	14	0	49	0.05	18	16
South Peninsula		1,037	816	1,247	0.00	1,021	132
Chignik	Black Lake	178	0	405	0.09	182	126
	Chignik Lake	1,140	855	1,409	0.00	1,122	169
East of WASSIP		3,176	2,730	3,520	0.00	3,114	241
Total		8,824				8,823	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.02 times unadjusted median.

[b] Only 50 samples collected; therefore, stock composition not estimated with these samples. Average stock composition estimate from temporal stratum 1, 2007 and 2008, (post-June), Ikatan area used as proxy.

Appendix C103.–Post-June, Ikatan area, Alaska Peninsula Area, Westward Region, 2007, temporal stratum 1. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 1 (7/6–7/31; Harvest = 19,992; n = 296)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	1	0.94	3	23
Kuskokwim Bay	Kuskokwim R.	0	0	0	0.95	1	9
	Kanektok	154	6	403	0.05	171	123
	Goodnews	0	0	808	0.66	154	286
Bristol Bay	Togiak	655	0	1,145	0.07	630	314
	Igushik	0	0	107	0.87	15	61
	Wood	271	75	574	0.01	285	155
	Nushagak	0	0	195	0.75	28	81
	Kvichak	822	410	1,303	0.00	817	273
	Alagnak	306	81	699	0.00	331	194
	Naknek	465	193	839	0.00	474	199
	Egegik	695	274	1,364	0.00	733	376
	Ugashik	1,628	865	2,391	0.01	1,586	489
North Peninsula	Cinder	0	0	343	0.84	41	141
	Meshik	508	0	1,353	0.32	510	484
	Ilnik	0	0	93	0.88	21	102
	Sandy	0	0	79	0.89	13	59
	Bear	1,196	671	1,801	0.00	1,186	345
	Nelson	13	0	299	0.46	75	108
	NW Dist.-BH	0	0	0	0.95	1	11
South Peninsula		1,334	787	1,939	0.00	1,316	353
Chignik	Black Lake	528	0	1,304	0.20	532	438
	Chignik Lake	2,348	1,443	3,227	0.00	2,293	544
East of WASSIP		9,068	7,551	10,080	0.00	8,781	770
Total		19,991				19,997	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.03 times unadjusted median.

Appendix C104.–Post-June, Ikatan area, Alaska Peninsula Area, Westward Region, 2008, temporal stratum 1. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 1 (7/6–7/31; Harvest = 13,842; n = 409)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	1	0.94	2	16
Kuskokwim Bay	Kuskokwim R.	0	0	140	0.85	16	54
	Kanektok	0	0	0	0.95	2	15
	Goodnews	0	0	1	0.94	4	32
Bristol Bay	Togiak	155	50	313	0.01	162	82
	Igushik	0	0	232	0.79	32	83
	Wood	651	381	945	0.00	645	172
	Nushagak	218	0	463	0.06	226	130
	Kvichak	796	461	1,189	0.00	793	223
	Alagnak	385	184	641	0.00	389	140
	Naknek	1,402	974	1,831	0.00	1,379	262
	Egegik	884	503	1,412	0.00	898	279
	Ugashik	413	0	829	0.07	404	250
North Peninsula	Cinder	0	0	41	0.90	7	32
	Meshik	0	0	23	0.87	5	28
	Ilnik	0	0	32	0.91	8	43
	Sandy	0	0	1	0.94	2	14
	Bear	831	518	1,177	0.00	823	201
	Nelson	10	0	167	0.44	42	60
	NW Dist.-BH	52	2	187	0.04	67	61
South Peninsula		2,658	2,063	3,176	0.00	2,599	338
Chignik	Black Lake	99	0	542	0.39	167	195
	Chignik Lake	2,055	1,507	2,547	0.00	2,010	316
East of WASSIP		3,233	2,620	3,749	0.00	3,162	344
Total		13,842				13,844	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.03 times unadjusted median.

Appendix C105.–Bear River Section, Northern District, Westward Region, 2006, temporal stratum 1. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 1 (6/5–7/8; Harvest = 16,020; n = 384)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	0	0.95	1	13
Kuskokwim Bay	Kuskokwim R.	0	0	185	0.64	37	68
	Kanektok	0	0	7	0.92	5	27
	Goodnews	0	0	1	0.95	1	11
Bristol Bay	Togiak	0	0	0	0.95	1	9
	Igushik	73	0	248	0.20	88	84
	Wood	0	0	103	0.85	13	44
	Nushagak	0	0	181	0.65	34	68
	Kvichak	165	8	437	0.00	180	139
	Alagnak	0	0	8	0.92	3	16
	Naknek	446	215	807	0.00	464	184
	Egegik	172	0	793	0.26	250	270
	Ugashik	534	0	1,053	0.08	515	326
North Peninsula	Cinder	0	0	42	0.90	11	56
	Meshik	1,149	652	1,685	0.00	1,140	315
	Ilnik	0	0	104	0.87	14	53
	Sandy	1,361	897	1,871	0.00	1,352	297
	Bear	9,830	8,554	10,765	0.00	9,634	674
	Nelson	2,024	1,515	2,527	0.00	1,996	308
	NW Dist.-BH	0	0	3	0.93	3	19
South Peninsula		0	0	3	0.93	3	18
Chignik	Black Lake	0	0	0	0.96	1	7
	Chignik Lake	0	0	0	0.96	1	6
East of WASSIP		267	122	477	0.00	275	110
Total		16,021				16,022	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.02 times unadjusted median.

Appendix C106.–Bear River Section, Northern District, Westward Region, 2006, temporal stratum 2. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 2 (7/9–7/17; Harvest = 156,374; n = 402)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	51	0.91	41	249
Kuskokwim Bay	Kuskokwim R.	0	0	2	0.94	5	49
	Kanektok	0	0	19	0.92	16	110
	Goodnews	0	0	516	0.84	70	268
Bristol Bay	Togiak	0	0	439	0.85	63	256
	Igushik	912	0	2,522	0.15	1,004	817
	Wood	0	0	829	0.80	110	358
	Nushagak	0	0	3	0.93	8	78
	Kvichak	2,836	1,021	5,590	0.00	2,979	1,414
	Alagnak	0	0	990	0.79	134	414
	Naknek	1,207	0	3,137	0.11	1,312	1,000
	Egegik	8,720	5,080	12,989	0.00	8,728	2,417
	Ugashik	7,401	3,942	11,496	0.00	7,427	2,318
North Peninsula	Cinder	0	0	113	0.90	70	422
	Meshik	2	0	2,382	0.46	438	901
	Ilnik	0	0	533	0.87	93	437
	Sandy	6,393	3,249	10,199	0.00	6,441	2,134
	Bear	106,056	93,523	115,321	0.00	104,160	6,623
	Nelson	15,011	11,006	19,185	0.00	14,857	2,495
	NW Dist.-BH	1,087	185	4,156	0.00	1,507	1,295
South Peninsula		0	0	3	0.93	9	95
Chignik	Black Lake	0	0	37	0.91	24	158
	Chignik Lake	549	7	2,096	0.04	729	692
East of WASSIP		6,200	3,774	9,137	0.00	6,220	1,639
Total		156,374				156,445	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.02 times unadjusted median.

Appendix C107.–Bear River Section, Northern District, Westward Region, 2006, temporal stratum 3. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 3 (7/18–7/31; Harvest = 189,933; n = 398)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	599	0.86	86	364
Kuskokwim Bay	Kuskokwim R.	0	0	2	0.94	7	70
	Kanektok	0	0	2	0.94	8	91
	Goodnews	0	0	3	0.93	9	90
Bristol Bay	Togiak	0	0	2	0.94	7	72
	Igushik	0	0	2	0.94	5	52
	Wood	0	0	2	0.94	6	57
	Nushagak	0	0	1,032	0.85	130	499
	Kvichak	0	0	186	0.86	58	326
	Alagnak	0	0	773	0.76	113	335
	Naknek	1,144	0	3,266	0.17	1,275	1,069
	Egegik	2,139	0	10,730	0.29	3,406	3,837
	Ugashik	28,564	19,008	37,281	0.00	28,095	5,582
North Peninsula	Cinder	8,015	3,285	13,626	0.01	8,081	3,178
	Meshik	0	0	71	0.90	55	379
	Ilnik	1,764	584	3,852	0.00	1,918	1,050
	Sandy	8,113	3,912	13,286	0.00	8,207	2,870
	Bear	112,928	98,699	124,501	0.00	111,223	7,835
	Nelson	7,323	4,240	11,151	0.00	7,384	2,114
	NW Dist.-BH	0	0	55	0.90	40	256
South Peninsula		0	0	5	0.93	15	150
Chignik	Black Lake	0	0	2	0.94	6	63
	Chignik Lake	0	0	2	0.94	6	62
East of WASSIP		19,943	14,774	25,421	0.00	19,797	3,243
Total		189,933				189,937	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.02 times unadjusted median.

Appendix C108.–Bear River Section, Northern District, Westward Region, 2006, temporal stratum Late Catch. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum Late Catch (> 8/4; Harvest = 214,225; n = 0[b])					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	0	1.00	0	0
Kuskokwim Bay	Kuskokwim R.	0	0	0	1.00	0	0
	Kanektok	0	0	0	1.00	0	0
	Goodnews	0	0	0	1.00	0	0
Bristol Bay	Togiak	0	0	0	1.00	0	0
	Igushik	0	0	0	1.00	0	0
	Wood	0	0	0	1.00	0	0
	Nushagak	0	0	0	1.00	0	0
	Kvichak	0	0	0	1.00	0	0
	Alagnak	0	0	0	1.00	0	0
	Naknek	0	0	0	1.00	0	0
	Egegik	0	0	0	1.00	0	0
	Ugashik	0	0	0	1.00	0	0
North Peninsula	Cinder	0	0	0	1.00	0	0
	Meshik	0	0	0	1.00	0	0
	Ilnik	0	0	0	1.00	0	0
	Sandy	0	0	0	1.00	0	0
	Bear	214,225	197,085	232,267	0.00	214,244	10,710
	Nelson	0	0	0	1.00	0	0
	NW Dist.-BH	0	0	0	1.00	0	0
South Peninsula		0	0	0	1.00	0	0
Chignik	Black Lake	0	0	0	1.00	0	0
	Chignik Lake	0	0	0	1.00	0	0
East of WASSIP		0	0	0	1.00	0	0
Total		214,225				214,244	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.00 times unadjusted median.

Appendix C109.–Bear River Section, Northern District, Westward Region, 2007, temporal stratum 1. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 1 (6/11–6/13; Harvest = 5,238; n = 0[b])					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	29	0.80	4	13
Kuskokwim Bay	Kuskokwim R.	12	0	58	0.11	18	20
	Kanektok	0	0	0	0.97	0	3
	Goodnews	0	0	14	0.91	3	13
Bristol Bay	Togiak	0	0	15	0.88	2	10
	Igushik	0	0	43	0.83	6	18
	Wood	32	1	106	0.04	39	34
	Nushagak	0	0	1	0.94	1	6
	Kvichak	14	1	60	0.02	20	20
	Alagnak	98	36	189	0.00	101	48
	Naknek	0	0	36	0.82	5	16
	Egegik	0	0	175	0.73	31	62
	Ugashik	120	0	272	0.21	117	90
North Peninsula	Cinder	0	0	140	0.79	18	52
	Meshik	0	0	56	0.87	7	28
	Ilnik	0	0	63	0.66	12	24
	Sandy	328	175	505	0.00	326	101
	Bear	2,789	2,349	3,087	0.00	2,707	225
	Nelson	906	676	1,114	0.00	884	134
	NW Dist.-BH	188	90	313	0.00	189	68
South Peninsula		0	0	35	0.86	5	19
Chignik	Black Lake	0	0	7	0.92	2	8
	Chignik Lake	50	6	130	0.02	55	39
East of WASSIP		700	500	892	0.00	685	120
Total		5,237				5,237	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.03 times unadjusted median.

[b] No samples collected. Stock composition estimate from temporal stratum 2, 2007, Bear River section used as proxy.

Appendix C110.–Bear River Section, Northern District, Westward Region, 2007, temporal stratum 2. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 2 (7/14–7/19; Harvest = 76,652; n = 271)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	429	0.78	62	193
Kuskokwim Bay	Kuskokwim R.	182	0	841	0.08	266	288
	Kanektok	0	0	1	0.94	4	42
	Goodnews	0	0	211	0.88	39	188
Bristol Bay	Togiak	0	0	218	0.86	33	143
	Igushik	0	0	627	0.81	82	267
	Wood	472	15	1,555	0.03	577	500
	Nushagak	0	0	22	0.91	13	87
	Kvichak	209	15	882	0.00	293	299
	Alagnak	1,431	533	2,771	0.00	1,485	696
	Naknek	0	0	528	0.79	74	236
	Egegik	0	0	2,557	0.71	451	914
	Ugashik	1,757	0	3,965	0.21	1,709	1,311
North Peninsula	Cinder	0	0	2,049	0.75	264	765
	Meshik	0	0	828	0.85	106	412
	Ilnik	0	0	916	0.64	172	347
	Sandy	4,797	2,566	7,400	0.00	4,771	1,479
	Bear	40,824	34,341	45,124	0.00	39,610	3,282
	Nelson	13,256	9,864	16,294	0.00	12,930	1,960
	NW Dist.-BH	2,754	1,321	4,574	0.00	2,771	1,001
South Peninsula		0	0	514	0.83	72	278
Chignik	Black Lake	0	0	104	0.89	23	122
	Chignik Lake	721	93	1,906	0.01	811	575
East of WASSIP		10,250	7,302	13,051	0.00	10,020	1,752
Total		76,653				76,638	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.03 times unadjusted median.

Appendix C111.–Bear River Section, Northern District, Westward Region, 2007, temporal stratum 3. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 3 (7/20–7/31; Harvest = 115,464; n = 393)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	1	0.94	5	61
Kuskokwim Bay	Kuskokwim R.	0	0	1	0.94	3	31
	Kanektok	0	0	468	0.88	70	309
	Goodnews	166	0	1,426	0.42	387	516
Bristol Bay	Togiak	0	0	1,115	0.60	221	413
	Igushik	0	0	620	0.82	81	267
	Wood	0	0	8	0.92	17	135
	Nushagak	0	0	22	0.91	25	170
	Kvichak	0	0	6	0.93	16	136
	Alagnak	618	51	1,895	0.01	739	594
	Naknek	0	0	18	0.92	17	116
	Egegik	0	0	21	0.91	26	179
	Ugashik	1,356	0	3,338	0.16	1,396	1,084
North Peninsula	Cinder	3,303	0	6,609	0.17	3,125	2,118
	Meshik	0	0	181	0.89	59	342
	Ilnik	0	0	2	0.94	7	69
	Sandy	2,396	754	4,592	0.01	2,456	1,184
	Bear	82,983	72,852	89,377	0.00	80,902	5,022
	Nelson	3,519	1,864	5,589	0.00	3,538	1,143
	NW Dist.-BH	884	224	2,132	0.00	977	604
South Peninsula		52	0	4,686	0.48	1,501	1,755
Chignik	Black Lake	0	0	72	0.90	37	211
	Chignik Lake	655	97	1,810	0.02	755	546
East of WASSIP		19,531	15,265	23,295	0.00	19,119	2,449
Total		115,463				115,479	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.03 times unadjusted median.

Appendix C112.–Bear River Section, Northern District, Westward Region, 2007, temporal stratum Late Catch. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum Late Catch (> 8/6; Harvest = 420,048; n = 0[b])					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	0	1.00	0	0
Kuskokwim Bay	Kuskokwim R.	0	0	0	1.00	0	0
	Kanektok	0	0	0	1.00	0	0
	Goodnews	0	0	0	1.00	0	0
Bristol Bay	Togiak	0	0	0	1.00	0	0
	Igushik	0	0	0	1.00	0	0
	Wood	0	0	0	1.00	0	0
	Nushagak	0	0	0	1.00	0	0
	Kvichak	0	0	0	1.00	0	0
	Alagnak	0	0	0	1.00	0	0
	Naknek	0	0	0	1.00	0	0
	Egegik	0	0	0	1.00	0	0
	Ugashik	0	0	0	1.00	0	0
North Peninsula	Cinder	0	0	0	1.00	0	0
	Meshik	0	0	0	1.00	0	0
	Ilnik	0	0	0	1.00	0	0
	Sandy	0	0	0	1.00	0	0
	Bear	420,048	386,468	455,753	0.00	420,057	21,048
	Nelson	0	0	0	1.00	0	0
	NW Dist.-BH	0	0	0	1.00	0	0
South Peninsula		0	0	0	1.00	0	0
Chignik	Black Lake	0	0	0	1.00	0	0
	Chignik Lake	0	0	0	1.00	0	0
East of WASSIP		0	0	0	1.00	0	0
Total		420,048				420,057	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.00 times unadjusted median.

[b] Not part of WASSIP sampling plan. Assumed 100% fish harvested belong to Bear subregional reporting group.

Appendix C113.–Bear River Section, Northern District, Westward Region, 2008, temporal stratum Late Catch. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum Late Catch (> 8/11; Harvest = 417,261; n = 0[b])					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	0	1.00	0	0
Kuskokwim Bay	Kuskokwim R.	0	0	0	1.00	0	0
	Kanektok	0	0	0	1.00	0	0
	Goodnews	0	0	0	1.00	0	0
Bristol Bay	Togiak	0	0	0	1.00	0	0
	Igushik	0	0	0	1.00	0	0
	Wood	0	0	0	1.00	0	0
	Nushagak	0	0	0	1.00	0	0
	Kvichak	0	0	0	1.00	0	0
	Alagnak	0	0	0	1.00	0	0
	Naknek	0	0	0	1.00	0	0
	Egegik	0	0	0	1.00	0	0
	Ugashik	0	0	0	1.00	0	0
North Peninsula	Cinder	0	0	0	1.00	0	0
	Meshik	0	0	0	1.00	0	0
	Ilnik	0	0	0	1.00	0	0
	Sandy	0	0	0	1.00	0	0
	Bear	417,261	383,829	452,415	0.00	417,196	20,877
	Nelson	0	0	0	1.00	0	0
	NW Dist.-BH	0	0	0	1.00	0	0
South Peninsula		0	0	0	1.00	0	0
Chignik	Black Lake	0	0	0	1.00	0	0
	Chignik Lake	0	0	0	1.00	0	0
East of WASSIP		0	0	0	1.00	0	0
Total		417,261				417,196	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.00 times unadjusted median.

[b] Not part of WASSIP sampling plan. Assumed 100% fish harvested belong to Bear subregional reporting group.

Appendix C114.–Three Hills Section, Northern District, Westward Region, 2006, temporal stratum 2. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 2 (7/14–7/17; Harvest = 64,963; n = 332)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	7	0.92	12	90
Kuskokwim Bay	Kuskokwim R.	0	0	4	0.93	8	59
	Kanektok	0	0	1	0.94	3	32
	Goodnews	398	0	1,437	0.31	481	503
Bristol Bay	Togiak	0	0	2,123	0.60	438	762
	Igushik	0	0	835	0.76	122	312
	Wood	452	0	1,690	0.30	568	588
	Nushagak	0	0	44	0.91	19	116
	Kvichak	356	72	1,035	0.00	422	322
	Alagnak	1,233	436	2,366	0.00	1,268	597
	Naknek	2,503	1,269	4,083	0.00	2,514	865
	Egegik	2,602	0	5,478	0.14	2,521	1,752
	Ugashik	21,859	16,931	25,800	0.00	21,218	2,697
North Peninsula	Cinder	0	0	2,613	0.53	469	944
	Meshik	4,242	1,518	6,754	0.00	4,117	1,581
	Ilnik	3,202	1,511	5,177	0.00	3,188	1,123
	Sandy	1,437	425	2,860	0.00	1,483	754
	Bear	17,296	13,673	20,167	0.00	16,798	1,974
	Nelson	7,880	5,663	9,913	0.00	7,685	1,300
	NW Dist.-BH	0	0	22	0.88	8	55
South Peninsula		0	0	593	0.69	96	232
Chignik	Black Lake	0	0	2	0.94	5	39
	Chignik Lake	0	0	5	0.92	4	34
East of WASSIP		1,504	717	2,556	0.00	1,521	566
Total		64,964				64,968	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.03 times unadjusted median.

Appendix C115.–Three Hills Section, Northern District, Westward Region, 2006, temporal stratum 3. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 3 (7/18–7/28; Harvest = 30,463; n = 320)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	1	0.95	2	17
Kuskokwim Bay	Kuskokwim R.	0	0	1	0.95	2	17
	Kanektok	0	0	3	0.93	4	31
	Goodnews	0	0	163	0.85	22	82
Bristol Bay	Togiak	0	0	10	0.92	8	50
	Igushik	0	0	71	0.89	12	57
	Wood	68	0	463	0.35	129	164
	Nushagak	0	0	15	0.92	7	42
	Kvichak	0	0	67	0.89	13	66
	Alagnak	0	0	5	0.91	3	20
	Naknek	0	0	447	0.56	88	164
	Egegik	0	0	695	0.65	113	249
	Ugashik	12,334	10,172	14,026	0.00	12,053	1,171
North Peninsula	Cinder	1,565	664	2,634	0.01	1,567	606
	Meshik	73	0	826	0.36	220	295
	Ilnik	2,784	1,406	4,133	0.00	2,730	826
	Sandy	857	374	1,521	0.00	878	353
	Bear	9,562	7,749	11,068	0.00	9,353	1,014
	Nelson	99	8	380	0.00	133	124
	NW Dist.-BH	67	1	296	0.05	96	101
South Peninsula		0	0	97	0.90	20	96
Chignik	Black Lake	0	0	0	0.95	1	14
	Chignik Lake	0	0	1	0.94	3	26
East of WASSIP		3,054	2,161	3,973	0.00	3,010	552
Total		30,463				30,467	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.03 times unadjusted median.

Appendix C116.–Three Hills Section, Northern District, Westward Region, 2006, temporal stratum Late Catch. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum Late Catch (> 8/5; Harvest = 57,917; n = 0[b])					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	0	1.00	0	0
Kuskokwim Bay	Kuskokwim R.	0	0	0	1.00	0	0
	Kanektok	0	0	0	1.00	0	0
	Goodnews	0	0	0	1.00	0	0
Bristol Bay	Togiak	0	0	0	1.00	0	0
	Igushik	0	0	0	1.00	0	0
	Wood	0	0	0	1.00	0	0
	Nushagak	0	0	0	1.00	0	0
	Kvichak	0	0	0	1.00	0	0
	Alagnak	0	0	0	1.00	0	0
	Naknek	0	0	0	1.00	0	0
	Egegik	0	0	0	1.00	0	0
	Ugashik	0	0	0	1.00	0	0
North Peninsula	Cinder	0	0	0	1.00	0	0
	Meshik	0	0	0	1.00	0	0
	Ilnik	0	0	0	1.00	0	0
	Sandy	0	0	0	1.00	0	0
	Bear	57,917	53,279	62,835	0.00	57,912	2,901
	Nelson	0	0	0	1.00	0	0
	NW Dist.-BH	0	0	0	1.00	0	0
South Peninsula		0	0	0	1.00	0	0
Chignik	Black Lake	0	0	0	1.00	0	0
	Chignik Lake	0	0	0	1.00	0	0
East of WASSIP		0	0	0	1.00	0	0
Total		57,917				57,912	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.00 times unadjusted median.

[b] Not part of WASSIP sampling plan. Assumed 100% fish harvested belong to Bear subregional reporting group.

Appendix C117.–Three Hills Section, Northern District, Westward Region, 2007, temporal stratum 3. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 3 (7/15–7/31; Harvest = 50,941; n = 0[b])					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	1	0.94	3	28
Kuskokwim Bay	Kuskokwim R.	0	0	1	0.94	3	28
	Kanektok	0	0	5	0.93	7	53
	Goodnews	0	0	273	0.85	36	137
Bristol Bay	Togiak	0	0	18	0.92	13	84
	Igushik	0	0	118	0.89	20	96
	Wood	114	0	773	0.35	216	274
	Nushagak	0	0	25	0.91	12	71
	Kvichak	0	0	113	0.89	22	110
	Alagnak	0	0	9	0.90	5	34
	Naknek	0	0	747	0.55	147	274
	Egegik	0	0	1,167	0.63	189	417
	Ugashik	20,628	17,004	23,459	0.00	20,153	1,955
North Peninsula	Cinder	2,618	1,108	4,400	0.01	2,620	1,013
	Meshik	122	0	1,378	0.34	368	493
	Ilnik	4,655	2,350	6,917	0.00	4,566	1,381
	Sandy	1,435	625	2,542	0.00	1,467	589
	Bear	15,983	12,962	18,541	0.00	15,640	1,701
	Nelson	165	14	638	0.00	222	208
	NW Dist.-BH	112	1	495	0.04	161	169
South Peninsula		0	0	161	0.90	33	160
Chignik	Black Lake	0	0	1	0.95	2	24
	Chignik Lake	0	0	2	0.94	5	43
East of WASSIP		5,109	3,610	6,635	0.00	5,033	923
Total		50,941				50,943	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.03 times unadjusted median.

[b] No samples collected. Stock composition estimate from temporal stratum 3, 2006, Three Hills Section used as proxy.

Appendix C118.–Three Hills Section, Northern District, Westward Region, 2007, temporal stratum Late Catch. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum Late Catch (> 8/6; Harvest = 183,989; n = 0[b])					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	0	1.00	0	0
Kuskokwim Bay	Kuskokwim R.	0	0	0	1.00	0	0
	Kanektok	0	0	0	1.00	0	0
	Goodnews	0	0	0	1.00	0	0
Bristol Bay	Togiak	0	0	0	1.00	0	0
	Igushik	0	0	0	1.00	0	0
	Wood	0	0	0	1.00	0	0
	Nushagak	0	0	0	1.00	0	0
	Kvichak	0	0	0	1.00	0	0
	Alagnak	0	0	0	1.00	0	0
	Naknek	0	0	0	1.00	0	0
	Egegik	0	0	0	1.00	0	0
	Ugashik	0	0	0	1.00	0	0
North Peninsula	Cinder	0	0	0	1.00	0	0
	Meshik	0	0	0	1.00	0	0
	Ilnik	0	0	0	1.00	0	0
	Sandy	0	0	0	1.00	0	0
	Bear	183,989	169,268	199,407	0.00	184,001	9,182
	Nelson	0	0	0	1.00	0	0
	NW Dist.-BH	0	0	0	1.00	0	0
South Peninsula		0	0	0	1.00	0	0
Chignik	Black Lake	0	0	0	1.00	0	0
	Chignik Lake	0	0	0	1.00	0	0
East of WASSIP		0	0	0	1.00	0	0
Total		183,989				184,001	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.00 times unadjusted median.

[b] Not part of WASSIP sampling plan. Assumed 100% fish harvested belong to Bear subregional reporting group.

Appendix C119.–Three Hills Section, Northern District, Westward Region, 2008, temporal stratum Late Catch. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum Late Catch (> 8/10; Harvest = 123,344; n = 0[b])					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	0	1.00	0	0
Kuskokwim Bay	Kuskokwim R.	0	0	0	1.00	0	0
	Kanektok	0	0	0	1.00	0	0
	Goodnews	0	0	0	1.00	0	0
Bristol Bay	Togiak	0	0	0	1.00	0	0
	Igushik	0	0	0	1.00	0	0
	Wood	0	0	0	1.00	0	0
	Nushagak	0	0	0	1.00	0	0
	Kvichak	0	0	0	1.00	0	0
	Alagnak	0	0	0	1.00	0	0
	Naknek	0	0	0	1.00	0	0
	Egegik	0	0	0	1.00	0	0
	Ugashik	0	0	0	1.00	0	0
North Peninsula	Cinder	0	0	0	1.00	0	0
	Meshik	0	0	0	1.00	0	0
	Ilnik	0	0	0	1.00	0	0
	Sandy	0	0	0	1.00	0	0
	Bear	123,344	113,443	133,758	0.00	123,339	6,192
	Nelson	0	0	0	1.00	0	0
	NW Dist.-BH	0	0	0	1.00	0	0
South Peninsula		0	0	0	1.00	0	0
Chignik	Black Lake	0	0	0	1.00	0	0
	Chignik Lake	0	0	0	1.00	0	0
East of WASSIP		0	0	0	1.00	0	0
Total		123,344				123,339	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.00 times unadjusted median.

[b] Not part of WASSIP sampling plan. Assumed 100% fish harvested belong to Bear subregional reporting group.

Appendix C120.–Ilnik Section southern statistical area, Northern District, Westward Region, 2006, temporal stratum 1. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero (P = 0), mean, and SD.

Reporting Group		Stratum 1 (6/25–7/4; Harvest = 301,660; n = 392)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	P = 0	Mean	SD
Norton Sound		0	0	85	0.90	149	981
Kuskokwim Bay	Kuskokwim R.	0	0	6	0.93	15	148
	Kanektok	0	0	11,825	0.74	1,798	4,133
	Goodnews	6,441	0	14,152	0.25	6,052	4,826
Bristol Bay	Togiak	0	0	735	0.88	258	1,307
	Igushik	0	0	4,369	0.75	567	1,766
	Wood	50,650	38,595	61,121	0.00	49,413	6,861
	Nushagak	4,625	702	10,297	0.03	4,888	2,935
	Kvichak	14,416	7,948	22,115	0.00	14,381	4,349
	Alagnak	6,321	2,663	11,883	0.00	6,550	2,857
	Naknek	28,730	19,705	37,745	0.00	28,189	5,488
	Egegik	16,009	5,527	27,826	0.01	15,945	6,837
	Ugashik	38,750	24,817	52,445	0.00	37,998	8,452
North Peninsula	Cinder	9,976	0	22,384	0.14	9,735	7,439
	Meshik	6,386	1,780	19,780	0.00	7,890	5,670
	Ilnik	51,139	37,774	63,369	0.00	49,995	7,808
	Sandy	9,263	4,167	15,594	0.00	9,315	3,503
	Bear	45,359	33,772	55,874	0.00	44,322	6,726
	Nelson	8,554	4,428	13,757	0.00	8,592	2,865
	NW Dist.-BH	0	0	8	0.92	25	228
South Peninsula		0	0	10	0.92	23	211
Chignik	Black Lake	0	0	1,827	0.75	266	749
	Chignik Lake	0	0	94	0.90	67	426
East of WASSIP		5,040	2,077	9,587	0.00	5,242	2,337
Total		301,659				301,675	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.03 times unadjusted median.

Appendix C121.–Ilnik Section southern statistical area, Northern District, Westward Region, 2006, temporal stratum 2. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero (P = 0), mean, and SD.

Reporting Group		Stratum 2 (7/5–7/17; Harvest = 327,913; n = 395)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	P = 0	Mean	SD
Norton Sound		0	0	76	0.90	100	667
Kuskokwim Bay	Kuskokwim R.	0	0	4	0.93	11	104
	Kanektok	0	0	204	0.89	106	627
	Goodnews	0	0	4,958	0.58	1,075	1,808
Bristol Bay	Togiak	0	0	1,339	0.86	179	748
	Igushik	1,631	0	5,843	0.19	1,999	1,996
	Wood	783	0	6,306	0.12	1,694	2,187
	Nushagak	2,196	0	7,841	0.20	2,691	2,673
	Kvichak	11,951	5,057	20,438	0.00	12,029	4,725
	Alagnak	7,595	3,084	13,418	0.00	7,699	3,185
	Naknek	15,507	9,066	23,011	0.00	15,431	4,281
	Egegik	42,449	15,465	67,111	0.01	41,139	15,692
	Ugashik	93,140	64,472	120,655	0.00	91,255	17,102
North Peninsula	Cinder	4,731	0	16,730	0.27	5,725	5,887
	Meshik	7,757	1,140	21,114	0.00	8,914	6,356
	Ilnik	15,812	7,273	25,068	0.00	15,665	5,389
	Sandy	19,283	11,544	27,715	0.00	19,049	4,949
	Bear	68,997	54,102	81,772	0.00	67,334	8,411
	Nelson	21,450	13,685	29,651	0.00	21,145	4,864
	NW Dist.-BH	0	0	5	0.93	12	122
South Peninsula		0	0	675	0.88	148	744
Chignik	Black Lake	0	0	134	0.90	56	337
	Chignik Lake	0	0	4	0.93	13	125
East of WASSIP		14,632	9,163	20,800	0.00	14,486	3,561
Total		327,914				327,955	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.03 times unadjusted median.

Appendix C122.–Ilnik Section southern statistical area, Northern District, Westward Region, 2006, temporal stratum 3. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero (P = 0), mean, and SD.

Reporting Group		Stratum 3 (7/18–7/31; Harvest = 63,937; n = 397)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	P = 0	Mean	SD
Norton Sound		0	0	4	0.93	8	59
Kuskokwim Bay	Kuskokwim R.	2	0	388	0.49	84	148
	Kanektok	0	0	336	0.69	56	137
	Goodnews	0	0	818	0.64	162	300
Bristol Bay	Togiak	177	0	948	0.36	280	337
	Igushik	928	28	1,982	0.05	963	565
	Wood	349	0	1,295	0.18	438	443
	Nushagak	0	0	27	0.91	12	78
	Kvichak	799	257	1,692	0.00	850	451
	Alagnak	991	346	1,882	0.00	1,022	475
	Naknek	1,567	709	2,760	0.00	1,602	634
	Egegik	2,246	940	5,248	0.00	2,517	1,599
	Ugashik	26,501	21,357	29,932	0.00	25,741	2,676
North Peninsula	Cinder	2,670	1,015	4,561	0.01	2,663	1,091
	Meshik	0	0	633	0.87	115	528
	Ilnik	1,263	501	2,801	0.00	1,389	722
	Sandy	895	0	2,064	0.06	943	618
	Bear	15,260	12,216	17,818	0.00	14,919	1,702
	Nelson	2,077	1,119	3,262	0.00	2,084	654
	NW Dist.-BH	0	0	154	0.88	25	116
South Peninsula		0	0	3	0.93	7	53
Chignik	Black Lake	0	0	1	0.94	3	32
	Chignik Lake	0	0	2	0.94	4	38
East of WASSIP		8,212	6,184	10,134	0.00	8,059	1,207
Total		63,937				63,946	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.03 times unadjusted median.

Appendix C123.–Ilnik Section southern statistical area, Northern District, Westward Region, 2006, temporal stratum Late Catch. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero (P = 0), mean, and SD.

Reporting Group		Stratum Late Catch (> 8/5; Harvest = 82,650; n = 0[b])					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	P = 0	Mean	SD
Norton Sound		0	0	0	1.00	0	0
Kuskokwim Bay	Kuskokwim R.	0	0	0	1.00	0	0
	Kanektok	0	0	0	1.00	0	0
	Goodnews	0	0	0	1.00	0	0
Bristol Bay	Togiak	0	0	0	1.00	0	0
	Igushik	0	0	0	1.00	0	0
	Wood	0	0	0	1.00	0	0
	Nushagak	0	0	0	1.00	0	0
	Kvichak	0	0	0	1.00	0	0
	Alagnak	0	0	0	1.00	0	0
	Naknek	0	0	0	1.00	0	0
	Egegik	0	0	0	1.00	0	0
	Ugashik	0	0	0	1.00	0	0
North Peninsula	Cinder	0	0	0	1.00	0	0
	Meshik	0	0	0	1.00	0	0
	Ilnik	0	0	0	1.00	0	0
	Sandy	0	0	0	1.00	0	0
	Bear	82,650	76,038	89,648	0.00	82,665	4,138
	Nelson	0	0	0	1.00	0	0
	NW Dist.-BH	0	0	0	1.00	0	0
South Peninsula		0	0	0	1.00	0	0
Chignik	Black Lake	0	0	0	1.00	0	0
	Chignik Lake	0	0	0	1.00	0	0
East of WASSIP		0	0	0	1.00	0	0
Total		82,650				82,665	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.00 times unadjusted median.

[b] Not part of WASSIP sampling plan. Assumed 100% fish harvested belong to Bear subregional reporting group.

Appendix C124.–Ilnik Section southern statistical area, Northern District, Westward Region, 2007, temporal stratum 1. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero (P = 0), mean, and SD.

Reporting Group		Stratum 1 (6/20–6/27; Harvest = 201,954; n = 394)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	P = 0	Mean	SD
Norton Sound		0	0	2	0.94	6	65
Kuskokwim Bay	Kuskokwim R.	0	0	490	0.88	78	359
	Kanektok	0	0	22	0.92	35	257
	Goodnews	0	0	71	0.87	27	167
Bristol Bay	Togiak	0	0	9	0.92	26	223
	Igushik	0	0	2,152	0.74	319	809
	Wood	8,852	5,274	12,968	0.00	8,841	2,358
	Nushagak	0	0	842	0.82	116	462
	Kvichak	7,428	3,733	12,135	0.00	7,513	2,578
	Alagnak	1,422	190	3,798	0.01	1,617	1,141
	Naknek	13,494	8,645	18,856	0.00	13,417	3,129
	Egegik	14,806	9,138	22,044	0.00	14,903	3,952
	Ugashik	14,280	7,639	21,177	0.00	14,153	4,118
North Peninsula	Cinder	14,792	7,107	23,381	0.00	14,768	4,992
	Meshik	2,806	0	9,576	0.08	3,433	3,047
	Ilnik	78,148	65,163	89,248	0.00	76,815	7,310
	Sandy	8,600	4,814	13,206	0.00	8,639	2,570
	Bear	28,949	21,770	36,036	0.00	28,569	4,354
	Nelson	7,980	4,672	12,010	0.00	8,012	2,242
	NW Dist.-BH	0	0	7	0.93	17	147
South Peninsula		0	0	9	0.92	16	135
Chignik	Black Lake	0	0	4	0.93	11	99
	Chignik Lake	0	0	2	0.94	8	76
East of WASSIP		397	29	1,756	0.00	574	596
Total		201,954				201,913	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.02 times unadjusted median.

Appendix C125.–Ilnik Section southern statistical area, Northern District, Westward Region, 2007, temporal stratum 2. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero (P = 0), mean, and SD.

Reporting Group		Stratum 2 (6/28–7/7; Harvest = 484,898; n = 396)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	P = 0	Mean	SD
Norton Sound		0	0	9	0.92	31	347
Kuskokwim Bay	Kuskokwim R.	0	0	5	0.93	15	152
	Kanektok	0	0	6	0.93	22	244
	Goodnews	0	0	6	0.93	18	180
Bristol Bay	Togiak	0	0	9	0.92	26	265
	Igushik	19,828	7,203	36,005	0.01	20,269	8,866
	Wood	103,040	80,077	124,882	0.00	101,733	13,613
	Nushagak	7,188	2,712	14,379	0.00	7,617	3,654
	Kvichak	40,622	26,848	55,991	0.00	40,493	8,871
	Alagnak	18,451	9,578	29,920	0.00	18,721	6,236
	Naknek	82,827	62,965	102,550	0.00	81,929	12,056
	Egegik	20,559	6,821	39,504	0.00	21,274	10,100
	Ugashik	62,093	40,007	84,218	0.00	61,460	13,450
North Peninsula	Cinder	30,340	16,451	46,879	0.00	30,506	9,269
	Meshik	17,870	0	35,110	0.09	17,420	10,601
	Ilnik	10,925	4,384	20,959	0.00	11,445	5,152
	Sandy	2,314	145	8,345	0.01	2,999	2,683
	Bear	49,538	35,327	64,360	0.00	49,129	8,847
	Nelson	15,823	8,742	24,788	0.00	15,999	4,920
	NW Dist.-BH	0	0	8	0.93	23	252
South Peninsula		0	0	5	0.93	16	166
Chignik	Black Lake	0	0	4	0.93	13	130
	Chignik Lake	0	0	4	0.93	13	128
East of WASSIP		3,479	1,010	8,240	0.00	3,868	2,298
Total		484,897				485,039	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.02 times unadjusted median.

Appendix C126.–Ilnik Section southern statistical area, Northern District, Westward Region, 2007, temporal stratum 3. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero (P = 0), mean, and SD.

Reporting Group		Stratum 3 (7/10–7/31; Harvest = 239,612; n = 354)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	P = 0	Mean	SD
Norton Sound		0	0	3	0.93	9	87
Kuskokwim Bay	Kuskokwim R.	0	0	3	0.94	7	78
	Kanektok	0	0	4,484	0.76	630	1,629
	Goodnews	0	0	5,680	0.69	976	2,014
Bristol Bay	Togiak	3,097	0	6,490	0.10	3,108	1,931
	Igushik	8,717	2,452	14,861	0.02	8,506	3,744
	Wood	15,129	8,605	22,496	0.00	14,936	4,274
	Nushagak	0	0	2,082	0.71	333	863
	Kvichak	15,181	7,830	22,959	0.00	14,904	4,608
	Alagnak	3,832	1,048	7,908	0.00	3,984	2,126
	Naknek	13,058	6,765	21,813	0.00	13,209	4,648
	Egegik	0	0	10,066	0.50	2,086	3,690
	Ugashik	39,543	26,864	49,701	0.00	38,152	6,939
North Peninsula	Cinder	5,226	0	11,720	0.06	5,346	3,556
	Meshik	0	0	255	0.89	176	1,079
	Ilnik	3,718	1,410	7,897	0.00	3,976	2,098
	Sandy	0	0	5,941	0.65	1,068	2,145
	Bear	88,282	72,656	98,470	0.00	85,177	7,867
	Nelson	17,617	11,747	23,538	0.00	17,210	3,600
	NW Dist.-BH	2,558	751	5,605	0.00	2,723	1,513
South Peninsula		0	0	9	0.92	18	149
Chignik	Black Lake	0	0	4	0.93	12	121
	Chignik Lake	0	0	4	0.93	11	107
East of WASSIP		23,654	16,630	30,187	0.00	22,999	4,144
Total		239,612				239,556	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.04 times unadjusted median.

Appendix C127.–Ilnik Section southern statistical area, Northern District, Westward Region, 2007, temporal stratum Late Catch. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero (P = 0), mean, and SD.

Reporting Group		Stratum Late Catch (> 8/6; Harvest = 103,409; n = 0[b])					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	P = 0	Mean	SD
Norton Sound		0	0	0	1.00	0	0
Kuskokwim Bay	Kuskokwim R.	0	0	0	1.00	0	0
	Kanektok	0	0	0	1.00	0	0
	Goodnews	0	0	0	1.00	0	0
Bristol Bay	Togiak	0	0	0	1.00	0	0
	Igushik	0	0	0	1.00	0	0
	Wood	0	0	0	1.00	0	0
	Nushagak	0	0	0	1.00	0	0
	Kvichak	0	0	0	1.00	0	0
	Alagnak	0	0	0	1.00	0	0
	Naknek	0	0	0	1.00	0	0
	Egegik	0	0	0	1.00	0	0
	Ugashik	0	0	0	1.00	0	0
North Peninsula	Cinder	0	0	0	1.00	0	0
	Meshik	0	0	0	1.00	0	0
	Ilnik	0	0	0	1.00	0	0
	Sandy	0	0	0	1.00	0	0
	Bear	103,409	95,119	112,108	0.00	103,394	5,172
	Nelson	0	0	0	1.00	0	0
	NW Dist.-BH	0	0	0	1.00	0	0
South Peninsula		0	0	0	1.00	0	0
Chignik	Black Lake	0	0	0	1.00	0	0
	Chignik Lake	0	0	0	1.00	0	0
East of WASSIP		0	0	0	1.00	0	0
Total		103,409				103,394	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.00 times unadjusted median.

[b] Not part of WASSIP sampling plan. Assumed 100% fish harvested belong to Bear subregional reporting group.

Appendix C128.–Ilnik Section southern statistical area, Northern District, Westward Region, 2008, temporal stratum 1. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero (P = 0), mean, and SD.

Reporting Group		Stratum 1 (6/30–7/3; Harvest = 100,032; n = 384)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	P = 0	Mean	SD
Norton Sound		0	0	3	0.93	6	55
Kuskokwim Bay	Kuskokwim R.	0	0	599	0.85	75	280
	Kanektok	0	0	1,822	0.86	195	733
	Goodnews	2,821	575	5,066	0.04	2,801	1,322
Bristol Bay	Togiak	0	0	9	0.92	26	195
	Igushik	5,063	2,433	8,090	0.00	5,049	1,739
	Wood	15,307	11,019	19,345	0.00	14,995	2,529
	Nushagak	4,206	1,781	7,157	0.00	4,230	1,648
	Kvichak	2,753	1,206	5,075	0.00	2,847	1,198
	Alagnak	2,427	1,051	4,275	0.00	2,471	994
	Naknek	12,703	9,193	16,059	0.00	12,452	2,090
	Egegik	6,460	3,383	10,352	0.00	6,509	2,143
	Ugashik	9,746	5,767	13,774	0.00	9,585	2,431
North Peninsula	Cinder	1,660	0	4,441	0.14	1,756	1,479
	Meshik	14,749	10,424	19,248	0.00	14,522	2,686
	Ilnik	8,723	5,634	11,998	0.00	8,605	1,950
	Sandy	1,037	136	2,542	0.02	1,132	752
	Bear	7,852	5,032	10,800	0.00	7,738	1,763
	Nelson	4,471	2,686	6,530	0.00	4,442	1,181
	NW Dist.-BH	0	0	217	0.90	60	299
South Peninsula		0	0	19	0.92	12	80
Chignik	Black Lake	0	0	1	0.94	3	33
	Chignik Lake	0	0	1	0.94	4	39
East of WASSIP		53	0	2,509	0.45	505	868
Total		100,031				100,020	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.03 times unadjusted median.

Appendix C129.–Ilnik Section southern statistical area, Northern District, Westward Region, 2008, temporal stratum 2. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero (P = 0), mean, and SD.

Reporting Group		Stratum 2 (7/4–7/11; Harvest = 151,246; n = 393)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	P = 0	Mean	SD
Norton Sound		0	0	2	0.94	8	88
Kuskokwim Bay	Kuskokwim R.	3,404	1,007	6,390	0.02	3,454	1,653
	Kanektok	35	0	1,938	0.47	462	707
	Goodnews	4,347	1,273	7,796	0.03	4,330	2,009
Bristol Bay	Togiak	0	0	722	0.87	165	771
	Igushik	13,489	7,604	19,075	0.00	13,203	3,480
	Wood	25,006	18,413	31,908	0.00	24,621	4,128
	Nushagak	4,854	1,879	8,548	0.00	4,901	2,053
	Kvichak	7,842	4,249	12,007	0.00	7,810	2,376
	Alagnak	6,031	3,418	9,160	0.00	6,024	1,765
	Naknek	15,337	10,557	20,241	0.00	15,102	2,956
	Egegik	8,016	4,368	13,007	0.00	8,138	2,752
	Ugashik	25,169	17,748	31,665	0.00	24,552	4,247
North Peninsula	Cinder	7,592	3,769	12,066	0.00	7,581	2,547
	Meshik	14,506	9,889	19,243	0.00	14,273	2,855
	Ilnik	706	146	1,986	0.00	831	616
	Sandy	0	0	2,770	0.50	656	1,002
	Bear	6,340	3,531	9,647	0.00	6,318	1,874
	Nelson	8,517	5,471	11,853	0.00	8,417	1,950
	NW Dist.-BH	0	0	35	0.91	21	133
South Peninsula		0	0	32	0.91	32	205
Chignik	Black Lake	0	0	2	0.94	6	57
	Chignik Lake	0	0	5	0.93	11	97
East of WASSIP		59	0	1,525	0.43	342	581
Total		151,250				151,258	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.03 times unadjusted median.

Appendix C130.–Ilnik Section southern statistical area, Northern District, Westward Region, 2008, temporal stratum Late Catch. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero (P = 0), mean, and SD.

Reporting Group		Stratum Late Catch (> 8/11; Harvest = 97,307; n = 0[b])					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	P = 0	Mean	SD
Norton Sound		0	0	0	1.00	0	0
Kuskokwim Bay	Kuskokwim R.	0	0	0	1.00	0	0
	Kanektok	0	0	0	1.00	0	0
	Goodnews	0	0	0	1.00	0	0
Bristol Bay	Togiak	0	0	0	1.00	0	0
	Igushik	0	0	0	1.00	0	0
	Wood	0	0	0	1.00	0	0
	Nushagak	0	0	0	1.00	0	0
	Kvichak	0	0	0	1.00	0	0
	Alagnak	0	0	0	1.00	0	0
	Naknek	0	0	0	1.00	0	0
	Egegik	0	0	0	1.00	0	0
	Ugashik	0	0	0	1.00	0	0
North Peninsula	Cinder	0	0	0	1.00	0	0
	Meshik	0	0	0	1.00	0	0
	Ilnik	0	0	0	1.00	0	0
	Sandy	0	0	0	1.00	0	0
	Bear	97,307	89,544	105,484	0.00	97,307	4,857
	Nelson	0	0	0	1.00	0	0
	NW Dist.-BH	0	0	0	1.00	0	0
South Peninsula		0	0	0	1.00	0	0
Chignik	Black Lake	0	0	0	1.00	0	0
	Chignik Lake	0	0	0	1.00	0	0
East of WASSIP		0	0	0	1.00	0	0
Total		97,307				97,307	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.00 times unadjusted median.

[b] Not part of WASSIP sampling plan. Assumed 100% fish harvested belong to Bear subregional reporting group.

Appendix C131.–Ilnik Section northern statistical area, Northern District, Westward Region, 2006, temporal stratum 1. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero (P = 0), mean, and SD.

Reporting Group		Stratum 1 (6/25–6/29; Harvest = 83,223; n = 392)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	P = 0	Mean	SD
Norton Sound		0	0	16	0.92	27	186
Kuskokwim Bay	Kuskokwim R.	0	0	7	0.92	8	60
	Kanektok	0	0	575	0.86	74	293
	Goodnews	0	0	10	0.92	14	107
Bristol Bay	Togiak	480	87	1,261	0.00	541	375
	Igushik	91	0	3,576	0.47	1,044	1,307
	Wood	14,082	10,246	17,236	0.00	13,660	2,128
	Nushagak	0	0	2,627	0.68	403	909
	Kvichak	2,780	1,048	4,974	0.00	2,798	1,212
	Alagnak	610	116	1,534	0.01	677	449
	Naknek	5,709	3,722	7,776	0.00	5,605	1,237
	Egegik	2,948	1,156	5,166	0.00	2,965	1,232
	Ugashik	12,622	8,984	15,977	0.00	12,304	2,127
North Peninsula	Cinder	9,128	4,988	12,982	0.00	8,885	2,434
	Meshik	2,051	564	4,118	0.02	2,123	1,152
	Ilnik	12,069	8,652	15,205	0.00	11,764	2,000
	Sandy	3,037	1,507	4,903	0.00	3,034	1,040
	Bear	12,932	9,618	15,839	0.00	12,588	1,901
	Nelson	1,322	496	2,491	0.00	1,357	617
	NW Dist.-BH	0	0	1	0.94	3	32
South Peninsula		0	0	1	0.94	3	32
Chignik	Black Lake	0	0	2	0.94	5	42
	Chignik Lake	0	0	1	0.94	3	26
East of WASSIP		3,362	1,993	4,907	0.00	3,325	890
Total		83,223				83,210	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.03 times unadjusted median.

Appendix C132.–Ilnik Section northern statistical area, Northern District, Westward Region, 2006, temporal stratum 2. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero (P = 0), mean, and SD.

Reporting Group		Stratum 2 (7/3–7/14; Harvest = 336,573; n = 392)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	P = 0	Mean	SD
Norton Sound		0	0	4	0.93	13	141
Kuskokwim Bay	Kuskokwim R.	0	0	5	0.93	16	170
	Kanektok	0	0	148	0.90	72	457
	Goodnews	6,502	0	14,682	0.18	6,394	4,778
Bristol Bay	Togiak	0	0	10,818	0.56	2,214	3,811
	Igushik	8,042	2,911	14,167	0.02	8,037	3,496
	Wood	8,477	3,993	14,728	0.00	8,614	3,341
	Nushagak	0	0	2,225	0.86	278	1,134
	Kvichak	15,329	7,750	23,596	0.00	15,109	4,854
	Alagnak	4,178	1,273	8,760	0.00	4,388	2,332
	Naknek	19,323	11,573	28,102	0.00	19,078	5,049
	Egegik	35,230	19,773	65,288	0.00	37,499	14,172
	Ugashik	143,130	107,739	163,831	0.00	137,181	16,959
North Peninsula	Cinder	154	0	14,051	0.28	2,873	4,925
	Meshik	15,291	0	29,949	0.10	14,389	9,475
	Ilnik	19,736	10,410	30,436	0.00	19,539	6,120
	Sandy	7,810	3,311	13,855	0.00	7,932	3,261
	Bear	32,384	21,599	42,887	0.00	31,620	6,493
	Nelson	15,532	8,738	23,147	0.00	15,344	4,409
	NW Dist.-BH	0	0	7	0.93	20	184
South Peninsula		0	0	6	0.93	18	171
Chignik	Black Lake	0	0	1,728	0.72	265	714
	Chignik Lake	0	0	807	0.87	129	598
East of WASSIP		5,455	2,435	9,781	0.00	5,573	2,282
Total		336,573				336,595	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.04 times unadjusted median.

Appendix C133.–Ilnik Section northern statistical area, Northern District, Westward Region, 2006, temporal stratum 3. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero (P = 0), mean, and SD.

Reporting Group		Stratum 3 (7/17–7/28; Harvest = 115,945; n = 393)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	P = 0	Mean	SD
Norton Sound		0	0	14	0.92	19	137
Kuskokwim Bay	Kuskokwim R.	0	0	1	0.94	3	33
	Kanektok	0	0	17	0.92	15	102
	Goodnews	0	0	111	0.86	28	147
Bristol Bay	Togiak	0	0	4	0.93	8	64
	Igushik	1,393	0	4,057	0.30	1,494	1,446
	Wood	918	0	3,728	0.26	1,248	1,304
	Nushagak	0	0	21	0.92	37	258
	Kvichak	4,542	2,306	7,412	0.00	4,596	1,571
	Alagnak	2,569	1,099	4,546	0.00	2,628	1,061
	Naknek	2,874	1,209	5,236	0.00	2,964	1,247
	Egegik	6,452	1,771	11,811	0.01	6,510	3,046
	Ugashik	76,468	65,947	84,324	0.00	74,955	5,584
North Peninsula	Cinder	0	0	77	0.90	48	301
	Meshik	0	0	405	0.73	67	280
	Ilnik	1,519	584	3,084	0.00	1,616	790
	Sandy	1,426	373	3,117	0.01	1,526	857
	Bear	7,210	4,562	10,220	0.00	7,180	1,734
	Nelson	1,663	683	3,159	0.00	1,735	767
	NW Dist.-BH	0	0	1,989	0.61	414	721
South Peninsula		0	0	125	0.89	34	192
Chignik	Black Lake	0	0	1	0.94	4	35
	Chignik Lake	0	0	2	0.94	5	48
East of WASSIP		8,910	6,176	11,852	0.00	8,827	1,731
Total		115,944				115,961	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.02 times unadjusted median.

Appendix C134.–Ilnik Section northern statistical area, Northern District, Westward Region, 2006, temporal stratum Late Catch. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero (P = 0), mean, and SD.

Reporting Group		Stratum Late Catch (> 8/6; Harvest = 6,000; n = 0[b])					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	P = 0	Mean	SD
Norton Sound		0	0	0	1.00	0	0
Kuskokwim Bay	Kuskokwim R.	0	0	0	1.00	0	0
	Kanektok	0	0	0	1.00	0	0
	Goodnews	0	0	0	1.00	0	0
Bristol Bay	Togiak	0	0	0	1.00	0	0
	Igushik	0	0	0	1.00	0	0
	Wood	0	0	0	1.00	0	0
	Nushagak	0	0	0	1.00	0	0
	Kvichak	0	0	0	1.00	0	0
	Alagnak	0	0	0	1.00	0	0
	Naknek	0	0	0	1.00	0	0
	Egegik	0	0	0	1.00	0	0
	Ugashik	0	0	0	1.00	0	0
North Peninsula	Cinder	0	0	0	1.00	0	0
	Meshik	0	0	0	1.00	0	0
	Ilnik	0	0	0	1.00	0	0
	Sandy	0	0	0	1.00	0	0
	Bear	6,000	5,521	6,506	0.00	6,001	300
	Nelson	0	0	0	1.00	0	0
	NW Dist.-BH	0	0	0	1.00	0	0
South Peninsula		0	0	0	1.00	0	0
Chignik	Black Lake	0	0	0	1.00	0	0
	Chignik Lake	0	0	0	1.00	0	0
East of WASSIP		0	0	0	1.00	0	0
Total		6,000				6,001	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.00 times unadjusted median.

[b] Not part of WASSIP sampling plan. Assumed 100% fish harvested belong to Bear subregional reporting group.

Appendix C135.–Ilnik Section northern statistical area, Northern District, Westward Region, 2007, temporal stratum 1. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero (P = 0), mean, and SD.

Reporting Group		Stratum 1 (6/20–6/29; Harvest = 121,611; n = 441)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	P = 0	Mean	SD
Norton Sound		0	0	3	0.93	9	87
Kuskokwim Bay	Kuskokwim R.	0	0	168	0.87	26	119
	Kanektok	0	0	2	0.94	10	100
	Goodnews	0	0	478	0.80	65	231
Bristol Bay	Togiak	0	0	103	0.85	21	104
	Igushik	4,524	2,076	7,526	0.00	4,574	1,667
	Wood	12,605	9,042	16,309	0.00	12,485	2,211
	Nushagak	0	0	228	0.88	53	281
	Kvichak	5,128	2,902	7,794	0.00	5,153	1,502
	Alagnak	122	0	934	0.27	249	337
	Naknek	7,142	4,663	10,008	0.00	7,132	1,637
	Egegik	5,543	2,493	9,655	0.00	5,675	2,219
	Ugashik	18,774	13,506	23,912	0.00	18,533	3,180
North Peninsula	Cinder	11,411	6,763	16,807	0.00	11,426	3,065
	Meshik	13,073	8,509	18,045	0.00	12,998	2,907
	Ilnik	17,861	12,905	22,927	0.00	17,687	3,063
	Sandy	3,362	1,647	5,642	0.00	3,427	1,227
	Bear	17,320	13,044	21,552	0.00	17,116	2,596
	Nelson	2,811	1,285	4,815	0.00	2,869	1,085
	NW Dist.-BH	0	0	3	0.93	6	56
South Peninsula		0	0	7	0.93	14	120
Chignik	Black Lake	0	0	1	0.94	4	39
	Chignik Lake	0	0	2	0.94	7	61
East of WASSIP		1,934	752	3,845	0.00	2,048	963
Total		121,610				121,587	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.02 times unadjusted median.

Appendix C136.–Ilnik Section northern statistical area, Northern District, Westward Region, 2007, temporal stratum 2. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero (P = 0), mean, and SD.

Reporting Group		Stratum 2 (7/2–7/14; Harvest = 454,834; n = 395)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	P = 0	Mean	SD
Norton Sound		0	0	14	0.92	51	505
Kuskokwim Bay	Kuskokwim R.	0	0	5	0.93	14	140
	Kanektok	7,073	0	18,301	0.32	6,978	6,507
	Goodnews	380	0	12,915	0.47	3,762	4,713
Bristol Bay	Togiak	2,373	0	8,824	0.30	2,932	3,076
	Igushik	14,434	4,542	25,833	0.01	14,422	6,519
	Wood	26,226	14,596	39,510	0.00	25,996	7,598
	Nushagak	0	0	7,416	0.69	1,259	2,709
	Kvichak	15,266	6,839	25,391	0.00	15,272	5,671
	Alagnak	14,926	7,508	23,916	0.00	14,917	5,024
	Naknek	38,212	25,798	50,591	0.00	37,456	7,569
	Egegik	28,387	15,166	46,782	0.00	28,762	9,882
	Ugashik	160,708	129,246	184,150	0.00	155,996	16,720
North Peninsula	Cinder	20,370	7,443	34,213	0.01	20,126	8,212
	Meshik	14,477	5,543	29,131	0.00	15,226	7,382
	Ilnik	10,098	4,333	22,555	0.00	11,123	5,727
	Sandy	12,198	5,203	21,281	0.00	12,350	4,927
	Bear	60,448	44,667	74,909	0.00	58,982	9,223
	Nelson	14,482	7,898	22,431	0.00	14,436	4,468
	NW Dist.-BH	0	0	11	0.92	33	320
South Peninsula		0	0	8	0.93	24	242
Chignik	Black Lake	0	0	5	0.93	13	128
	Chignik Lake	0	0	5	0.93	17	162
East of WASSIP		14,778	7,941	22,691	0.00	14,690	4,524
Total		454,836				454,837	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.03 times unadjusted median.

Appendix C137.–Ilnik Section northern statistical area, Northern District, Westward Region, 2007, temporal stratum 3. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero (P = 0), mean, and SD.

Reporting Group		Stratum 3 (7/16–7/31; Harvest = 158,781; n = 396)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	P = 0	Mean	SD
Norton Sound		739	0	2,261	0.10	867	729
Kuskokwim Bay	Kuskokwim R.	396	0	2,704	0.37	758	955
	Kanektok	0	0	21	0.90	17	135
	Goodnews	6,173	2,990	10,119	0.01	6,207	2,217
Bristol Bay	Togiak	1,311	0	4,897	0.33	1,623	1,740
	Igushik	2,247	0	5,212	0.14	2,270	1,672
	Wood	1,877	51	5,177	0.04	2,151	1,553
	Nushagak	0	0	1,884	0.64	346	716
	Kvichak	4,773	1,944	8,383	0.00	4,846	1,976
	Alagnak	2,660	986	5,105	0.00	2,764	1,275
	Naknek	8,351	5,208	11,911	0.00	8,297	2,052
	Egegik	5,414	0	12,986	0.14	5,457	4,344
	Ugashik	29,239	19,190	38,632	0.00	28,672	5,940
North Peninsula	Cinder	1,830	0	6,241	0.22	2,180	2,156
	Meshik	0	0	227	0.79	51	274
	Ilnik	0	0	176	0.83	44	236
	Sandy	2,012	209	4,499	0.03	2,125	1,294
	Bear	55,724	46,597	62,937	0.00	54,524	4,966
	Nelson	4,294	2,240	6,951	0.00	4,338	1,446
	NW Dist.-BH	0	0	14	0.92	24	179
South Peninsula		0	0	9	0.92	17	144
Chignik	Black Lake	0	0	216	0.87	38	183
	Chignik Lake	0	0	425	0.86	64	280
East of WASSIP		31,741	25,253	37,572	0.00	31,135	3,740
Total		158,781				158,815	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.02 times unadjusted median.

Appendix C138.–Ilnik Section northern statistical area, Northern District, Westward Region, 2007, temporal stratum Late Catch. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero (P = 0), mean, and SD.

Reporting Group		Stratum Late Catch (> 8/6; Harvest = 11,331; n = 0[b])					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	P = 0	Mean	SD
Norton Sound		0	0	0	1.00	0	0
Kuskokwim Bay	Kuskokwim R.	0	0	0	1.00	0	0
	Kanektok	0	0	0	1.00	0	0
	Goodnews	0	0	0	1.00	0	0
Bristol Bay	Togiak	0	0	0	1.00	0	0
	Igushik	0	0	0	1.00	0	0
	Wood	0	0	0	1.00	0	0
	Nushagak	0	0	0	1.00	0	0
	Kvichak	0	0	0	1.00	0	0
	Alagnak	0	0	0	1.00	0	0
	Naknek	0	0	0	1.00	0	0
	Egegik	0	0	0	1.00	0	0
	Ugashik	0	0	0	1.00	0	0
North Peninsula	Cinder	0	0	0	1.00	0	0
	Meshik	0	0	0	1.00	0	0
	Ilnik	0	0	0	1.00	0	0
	Sandy	0	0	0	1.00	0	0
	Bear	11,331	10,421	12,283	0.00	11,331	565
	Nelson	0	0	0	1.00	0	0
	NW Dist.-BH	0	0	0	1.00	0	0
South Peninsula		0	0	0	1.00	0	0
Chignik	Black Lake	0	0	0	1.00	0	0
	Chignik Lake	0	0	0	1.00	0	0
East of WASSIP		0	0	0	1.00	0	0
Total		11,331				11,331	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.00 times unadjusted median.

[b] Not part of WASSIP sampling plan. Assumed 100% fish harvested belong to Bear subregional reporting group.

Appendix C139.–Ilnik Section northern statistical area, Northern District, Westward Region, 2008, temporal stratum 2. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero (P = 0), mean, and SD.

Reporting Group		Stratum 2 (7/1–7/4; Harvest = 300,554; n = 361)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	P = 0	Mean	SD
Norton Sound		0	0	6	0.93	19	221
Kuskokwim Bay	Kuskokwim R.	0	0	2,050	0.83	252	884
	Kanektok	0	0	97	0.87	58	428
	Goodnews	3,775	0	8,589	0.19	3,743	2,804
Bristol Bay	Togiak	0	0	5,261	0.62	928	1,896
	Igushik	22,570	9,441	36,804	0.00	22,416	8,444
	Wood	58,706	40,652	75,760	0.00	57,678	10,675
	Nushagak	20,198	10,369	31,122	0.00	20,103	6,306
	Kvichak	15,041	8,643	22,844	0.00	15,072	4,355
	Alagnak	13,433	7,689	20,325	0.00	13,448	3,861
	Naknek	33,109	23,000	43,581	0.00	32,701	6,269
	Egegik	7,425	0	16,796	0.13	7,214	5,670
	Ugashik	58,184	42,979	72,909	0.00	57,258	9,133
North Peninsula	Cinder	9,278	0	19,258	0.20	8,767	6,385
	Meshik	45,257	32,990	57,533	0.00	44,625	7,521
	Ilnik	2,533	459	14,064	0.00	4,366	4,479
	Sandy	0	0	1,771	0.81	233	776
	Bear	9,913	5,180	15,940	0.00	10,004	3,301
	Nelson	531	0	2,717	0.14	821	941
	NW Dist.-BH	0	0	5	0.93	16	160
South Peninsula		0	0	3	0.93	11	105
Chignik	Black Lake	0	0	4	0.93	10	100
	Chignik Lake	0	0	4	0.93	11	110
East of WASSIP		604	45	2,530	0.00	848	843
Total		300,557				300,602	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.02 times unadjusted median.

Appendix C140.–Ilnik Section northern statistical area, Northern District, Westward Region, 2008, temporal stratum 3. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero (P = 0), mean, and SD.

Reporting Group		Stratum 3 (7/5–7/11; Harvest = 199,551; n = 331)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	P = 0	Mean	SD
Norton Sound		0	0	3	0.93	10	99
Kuskokwim Bay	Kuskokwim R.	0	0	2	0.94	8	78
	Kanektok	0	0	2,025	0.79	302	1,043
	Goodnews	0	0	3,488	0.84	445	1,741
Bristol Bay	Togiak	7,103	2,477	11,835	0.02	7,041	2,858
	Igushik	18,434	10,617	26,802	0.00	18,267	4,927
	Wood	28,381	19,821	36,951	0.00	27,969	5,224
	Nushagak	7,863	3,379	13,798	0.00	8,011	3,199
	Kvichak	11,381	4,654	18,830	0.00	11,349	4,309
	Alagnak	5,634	2,477	9,881	0.00	5,755	2,280
	Naknek	21,185	14,125	28,739	0.00	20,966	4,461
	Egegik	22,387	10,159	34,393	0.01	22,014	7,467
	Ugashik	50,394	35,779	64,816	0.00	49,659	8,881
North Peninsula	Cinder	0	0	2,707	0.68	393	1,072
	Meshik	13,151	7,061	20,305	0.00	13,153	4,049
	Ilnik	0	0	22	0.90	23	185
	Sandy	0	0	3	0.93	9	88
	Bear	10,551	6,257	15,621	0.00	10,542	2,871
	Nelson	1,331	45	4,180	0.03	1,592	1,344
	NW Dist.-BH	0	0	3	0.93	8	80
South Peninsula		0	0	8	0.92	19	166
Chignik	Black Lake	0	0	3	0.93	10	91
	Chignik Lake	0	0	43	0.91	28	182
East of WASSIP		1,755	500	4,084	0.00	1,928	1,133
Total		199,550				199,501	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.02 times unadjusted median.

Appendix C141.–Ilnik Section northern statistical area, Northern District, Westward Region, 2008, temporal stratum Late Catch. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero (P = 0), mean, and SD.

Reporting Group		Stratum Late Catch (> 8/11; Harvest = 36,944; n = 0[b])					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	P = 0	Mean	SD
Norton Sound		0	0	0	1.00	0	0
Kuskokwim Bay	Kuskokwim R.	0	0	0	1.00	0	0
	Kanektok	0	0	0	1.00	0	0
	Goodnews	0	0	0	1.00	0	0
Bristol Bay	Togiak	0	0	0	1.00	0	0
	Igushik	0	0	0	1.00	0	0
	Wood	0	0	0	1.00	0	0
	Nushagak	0	0	0	1.00	0	0
	Kvichak	0	0	0	1.00	0	0
	Alagnak	0	0	0	1.00	0	0
	Naknek	0	0	0	1.00	0	0
	Egegik	0	0	0	1.00	0	0
	Ugashik	0	0	0	1.00	0	0
North Peninsula	Cinder	0	0	0	1.00	0	0
	Meshik	0	0	0	1.00	0	0
	Ilnik	0	0	0	1.00	0	0
	Sandy	0	0	0	1.00	0	0
	Bear	36,944	34,008	40,035	0.00	36,946	1,840
	Nelson	0	0	0	1.00	0	0
	NW Dist.-BH	0	0	0	1.00	0	0
South Peninsula		0	0	0	1.00	0	0
Chignik	Black Lake	0	0	0	1.00	0	0
	Chignik Lake	0	0	0	1.00	0	0
East of WASSIP		0	0	0	1.00	0	0
Total		36,944				36,946	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.00 times unadjusted median.

[b] Not part of WASSIP sampling plan. Assumed 100% fish harvested belong to Bear subregional reporting group.

Appendix C142.–Outer Port Heiden Section, Northern District, Westward Region, 2007, temporal stratum 1. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 1 (6/20–6/27; Harvest = 85,576; n = 394)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	1	0.94	4	41
Kuskokwim Bay	Kuskokwim R.	0	0	1,231	0.67	227	447
	Kanektok	0	0	484	0.88	72	322
	Goodnews	0	0	2	0.94	5	45
Bristol Bay	Togiak	0	0	14	0.90	8	63
	Igushik	0	0	3,106	0.63	614	1,122
	Wood	9,678	6,357	12,373	0.00	9,397	1,820
	Nushagak	248	13	1,258	0.01	385	424
	Kvichak	2,318	615	4,417	0.00	2,355	1,160
	Alagnak	1,322	462	2,602	0.00	1,376	663
	Naknek	4,790	2,902	6,910	0.00	4,747	1,225
	Egegik	9,434	6,146	13,218	0.00	9,356	2,170
	Ugashik	34,034	27,889	38,602	0.00	33,141	3,263
North Peninsula	Cinder	7,785	3,734	12,548	0.00	7,765	2,722
	Meshik	8,552	4,015	12,988	0.00	8,397	2,702
	Ilnik	4,963	2,840	7,343	0.00	4,921	1,375
	Sandy	0	0	128	0.89	31	163
	Bear	1,123	118	2,730	0.02	1,218	807
	Nelson	571	70	1,462	0.00	634	439
	NW Dist.-BH	0	0	1	0.94	3	27
South Peninsula		0	0	2	0.94	5	48
Chignik	Black Lake	0	0	1	0.94	4	36
	Chignik Lake	0	0	100	0.89	24	125
East of WASSIP		758	221	2,159	0.00	894	636
Total		85,576				85,583	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.03 times unadjusted median.

Appendix C143.–Outer Port Heiden Section, Northern District, Westward Region, 2007, temporal stratum 2. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 2 (7/2–7/12; Harvest = 205,219; n = 387)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	18	0.92	39	304
Kuskokwim Bay	Kuskokwim R.	0	0	79	0.90	51	309
	Kanektok	0	0	11	0.92	23	206
	Goodnews	0	0	2,321	0.68	380	888
Bristol Bay	Togiak	128	0	1,662	0.38	404	613
	Igushik	0	0	5,338	0.74	788	1,902
	Wood	19,819	13,391	26,020	0.00	19,517	3,842
	Nushagak	1,130	0	3,686	0.11	1,367	1,241
	Kvichak	9,492	2,339	16,982	0.00	9,332	4,517
	Alagnak	1,961	236	4,528	0.04	2,104	1,310
	Naknek	21,264	13,879	28,873	0.00	21,013	4,560
	Egegik	8,196	1,818	15,613	0.01	8,332	4,165
	Ugashik	95,062	79,821	107,439	0.00	93,291	8,397
North Peninsula	Cinder	7,249	1,379	13,540	0.02	7,297	3,616
	Meshik	17,482	10,022	25,376	0.00	17,334	4,678
	Ilnik	3,172	112	7,911	0.03	3,449	2,396
	Sandy	0	0	5	0.93	12	123
	Bear	14,385	9,543	19,743	0.00	14,304	3,112
	Nelson	3,911	1,754	6,992	0.00	4,032	1,620
	NW Dist.-BH	0	0	3	0.93	8	79
South Peninsula		0	0	13	0.92	26	209
Chignik	Black Lake	0	0	4	0.93	11	102
	Chignik Lake	0	0	30	0.91	22	150
East of WASSIP		1,967	680	4,132	0.00	2,104	1,082
Total		205,218				205,240	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.02 times unadjusted median.

Appendix C144.–Outer Port Heiden Section, Northern District, Westward Region, 2007, temporal stratum 3. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 3 (7/16–7/30; Harvest = 96,991; n = 398)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	578	0.88	86	383
Kuskokwim Bay	Kuskokwim R.	12	0	576	0.46	128	215
	Kanektok	0	0	894	0.65	159	337
	Goodnews	0	0	6,719	0.70	1,301	2,447
Bristol Bay	Togiak	3,831	0	6,123	0.18	3,308	2,001
	Igushik	886	0	3,022	0.30	1,040	1,048
	Wood	3,723	1,805	5,857	0.00	3,683	1,237
	Nushagak	0	0	3	0.93	10	91
	Kvichak	854	237	2,547	0.00	1,026	763
	Alagnak	1,591	573	2,976	0.00	1,624	742
	Naknek	1,570	568	3,036	0.00	1,622	768
	Egegik	11,544	5,600	17,761	0.00	11,340	3,725
	Ugashik	40,811	32,026	46,854	0.00	39,404	4,543
North Peninsula	Cinder	3,814	975	6,593	0.03	3,739	1,676
	Meshik	8	0	1,386	0.40	270	545
	Ilnik	192	14	943	0.00	305	413
	Sandy	0	0	3	0.93	7	60
	Bear	18,428	14,154	21,917	0.00	17,883	2,363
	Nelson	0	0	61	0.87	19	107
	NW Dist.-BH	0	0	4	0.93	10	80
South Peninsula		0	0	1,103	0.80	146	419
Chignik	Black Lake	0	0	2	0.94	5	44
	Chignik Lake	128	0	1,367	0.44	361	493
East of WASSIP		9,598	6,207	13,576	0.00	9,510	2,283
Total		96,990				96,986	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.04 times unadjusted median.

Appendix C145.–Outer Port Heiden Section, Northern District, Westward Region, 2008, temporal stratum 1. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 1 (6/30–7/3; Harvest = 130,762; n = 396)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	3	0.93	13	132
Kuskokwim Bay	Kuskokwim R.	0	0	7	0.92	15	122
	Kanektok	0	0	7	0.93	18	162
	Goodnews	1,101	0	3,415	0.25	1,239	1,168
Bristol Bay	Togiak	36	0	2,112	0.42	454	784
	Igushik	4,629	1,933	8,243	0.00	4,727	1,938
	Wood	13,195	8,877	17,567	0.00	13,006	2,650
	Nushagak	4,056	1,193	7,360	0.02	4,078	1,882
	Kvichak	576	29	4,539	0.01	1,295	1,534
	Alagnak	2,241	0	4,613	0.05	2,274	1,330
	Naknek	15,691	11,147	20,321	0.00	15,477	2,800
	Egegik	15,513	8,833	22,501	0.00	15,339	4,153
	Ugashik	43,643	34,119	51,891	0.00	42,773	5,396
North Peninsula	Cinder	3,831	0	9,489	0.16	3,991	3,033
	Meshik	26,250	19,464	32,548	0.00	25,772	3,973
	Ilnik	0	0	48	0.91	57	375
	Sandy	0	0	2	0.94	5	49
	Bear	0	0	874	0.70	126	458
	Nelson	0	0	3	0.93	8	69
	NW Dist.-BH	0	0	363	0.81	50	173
South Peninsula		0	0	2	0.94	7	67
Chignik	Black Lake	0	0	1	0.94	4	37
	Chignik Lake	0	0	1	0.94	4	38
East of WASSIP		0	0	2	0.94	6	64
Total		130,762				130,738	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.02 times unadjusted median.

Appendix C146.–Outer Port Heiden Section, Northern District, Westward Region, 2008, temporal stratum 2. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 2 (7/7–7/9; Harvest = 148,270; n = 379)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	2	0.94	7	70
Kuskokwim Bay	Kuskokwim R.	0	0	2	0.94	7	85
	Kanektok	0	0	356	0.88	82	440
	Goodnews	0	0	26	0.91	24	162
Bristol Bay	Togiak	0	0	140	0.89	38	208
	Igushik	9,546	5,220	14,375	0.00	9,503	2,801
	Wood	13,521	8,547	18,589	0.00	13,344	3,065
	Nushagak	1,702	466	4,769	0.00	1,997	1,397
	Kvichak	2,858	56	8,780	0.00	3,300	3,026
	Alagnak	1,166	236	3,328	0.00	1,378	1,000
	Naknek	17,046	11,481	22,888	0.00	16,862	3,485
	Egegik	8,197	2,119	14,352	0.01	8,127	3,679
	Ugashik	71,313	59,631	80,779	0.00	69,880	6,412
North Peninsula	Cinder	606	0	5,108	0.38	1,454	1,825
	Meshik	17,830	12,672	23,063	0.00	17,598	3,167
	Ilnik	0	0	151	0.90	64	367
	Sandy	0	0	32	0.91	23	150
	Bear	4,484	2,151	7,509	0.00	4,553	1,649
	Nelson	0	0	2	0.94	5	46
	NW Dist.-BH	0	0	4	0.93	10	85
South Peninsula		0	0	2	0.94	5	52
Chignik	Black Lake	0	0	2	0.94	5	47
	Chignik Lake	0	0	2	0.94	5	52
East of WASSIP		0	0	2	0.94	5	56
Total		148,269				148,276	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.02 times unadjusted median.

Appendix C147.–Outer Port Heiden Section, Northern District, Westward Region, 2008, temporal stratum 3. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 3 (7/14–7/15; Harvest = 42,698; n = 392)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	2	0.94	5	46
Kuskokwim Bay	Kuskokwim R.	0	0	130	0.88	22	103
	Kanektok	0	0	22	0.91	25	153
	Goodnews	0	0	355	0.87	46	192
Bristol Bay	Togiak	3,023	2,026	4,047	0.00	2,973	619
	Igushik	2,221	1,278	3,293	0.00	2,206	618
	Wood	1,446	716	2,371	0.00	1,456	510
	Nushagak	552	0	2,012	0.06	732	639
	Kvichak	136	8	1,739	0.00	393	585
	Alagnak	2,361	1,463	3,354	0.00	2,334	578
	Naknek	3,270	2,021	4,765	0.00	3,255	840
	Egegik	1,987	671	3,689	0.02	2,022	943
	Ugashik	23,605	19,799	26,265	0.00	22,959	1,963
North Peninsula	Cinder	0	0	512	0.82	63	203
	Meshik	1,213	551	2,126	0.00	1,237	487
	Ilnik	0	0	25	0.91	15	87
	Sandy	0	0	247	0.86	31	120
	Bear	2,579	1,635	3,593	0.00	2,545	598
	Nelson	0	0	0	0.95	1	13
	NW Dist.-BH	0	0	113	0.83	16	57
South Peninsula		0	0	143	0.82	20	69
Chignik	Black Lake	0	0	0	0.95	1	13
	Chignik Lake	0	0	1	0.95	2	18
East of WASSIP		304	88	702	0.00	331	194
Total		42,697				42,690	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.03 times unadjusted median.

Appendix C148.–Ugashik District, Bristol Bay Area, Central Region, 2006, temporal stratum 1. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 1 (6/12–7/2; Harvest = 176,394; n = 445)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	2	0.94	5	54
Kuskokwim Bay	Kuskokwim R.	2,940	0	5,692	0.10	2,890	1,665
	Kanektok	0	0	57	0.91	72	438
	Goodnews	0	0	956	0.83	120	422
Bristol Bay	Togiak	0	0	306	0.88	61	305
	Igushik	0	0	2	0.94	5	56
	Wood	4,380	2,334	7,016	0.00	4,426	1,436
	Nushagak	0	0	1,531	0.86	169	647
	Kvichak	6,216	1,212	10,654	0.00	6,084	2,750
	Alagnak	0	0	610	0.81	83	287
	Naknek	6,726	3,862	10,141	0.00	6,734	1,920
	Egegik	32,158	19,721	46,944	0.00	32,153	8,355
	Ugashik	117,018	96,971	131,494	0.00	114,348	10,524
North Peninsula	Cinder	6,957	3,488	11,742	0.00	7,105	2,545
	Meshik	0	0	7,596	0.54	1,859	2,750
	Ilnik	0	0	4	0.93	12	117
	Sandy	0	0	72	0.90	35	210
	Bear	0	0	9	0.92	14	113
	Nelson	0	0	1	0.94	4	41
	NW Dist.-BH	0	0	1,043	0.70	166	411
South Peninsula		0	0	2	0.94	5	55
Chignik	Black Lake	0	0	1	0.94	4	43
	Chignik Lake	0	0	2	0.94	4	43
East of WASSIP		0	0	5	0.93	12	100
Total		176,395				176,370	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.02 times unadjusted median.

Appendix C149.–Ugashik District, Bristol Bay Area, Central Region, 2006, temporal stratum 2. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 2 (7/4–7/7; Harvest = 382,796; n = 423)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	5	0.93	13	129
Kuskokwim Bay	Kuskokwim R.	0	0	4	0.93	10	97
	Kanektok	0	0	6	0.93	19	193
	Goodnews	0	0	4	0.93	11	118
Bristol Bay	Togiak	0	0	4	0.93	14	169
	Igushik	0	0	72	0.90	56	374
	Wood	3,086	729	7,509	0.00	3,443	2,131
	Nushagak	0	0	1,578	0.83	212	791
	Kvichak	2,586	768	6,130	0.00	2,885	1,710
	Alagnak	0	0	7	0.93	20	183
	Naknek	5,007	0	11,607	0.10	5,256	3,559
	Egegik	18,549	7,509	36,300	0.00	19,625	9,051
	Ugashik	353,568	317,068	383,205	0.00	349,748	20,096
North Peninsula	Cinder	0	0	79	0.90	66	442
	Meshik	0	0	7,038	0.71	1,113	2,536
	Ilnik	0	0	392	0.89	133	735
	Sandy	0	0	12	0.92	24	197
	Bear	0	0	4	0.93	11	114
	Nelson	0	0	276	0.88	64	346
	NW Dist.-BH	0	0	4	0.93	11	102
South Peninsula		0	0	6	0.93	20	205
Chignik	Black Lake	0	0	8	0.93	21	184
	Chignik Lake	0	0	5	0.93	14	145
East of WASSIP		0	0	4	0.93	12	129
Total		382,796				382,801	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.01 times unadjusted median.

Appendix C150.–Ugashik District, Bristol Bay Area, Central Region, 2006, temporal stratum 3. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 3 (7/8–7/11; Harvest = 512,849; n = 396)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	5	0.93	16	160
Kuskokwim Bay	Kuskokwim R.	0	0	5	0.93	14	133
	Kanektok	0	0	5	0.93	14	141
	Goodnews	0	0	5	0.93	17	170
Bristol Bay	Togiak	0	0	4	0.93	14	139
	Igushik	0	0	7,766	0.54	1,831	2,831
	Wood	1,258	0	6,552	0.37	1,954	2,333
	Nushagak	0	0	5	0.92	19	192
	Kvichak	18,625	8,896	31,816	0.00	19,048	7,049
	Alagnak	12,467	5,770	21,636	0.00	12,779	4,889
	Naknek	21,751	12,215	33,407	0.00	21,905	6,495
	Egegik	71,629	44,840	104,148	0.00	71,851	18,221
	Ugashik	382,984	331,220	421,530	0.00	376,254	27,471
North Peninsula	Cinder	0	0	6,148	0.82	735	2,461
	Meshik	0	0	8,121	0.70	1,352	2,946
	Ilnik	4,135	0	13,340	0.31	4,701	4,687
	Sandy	0	0	7	0.92	20	200
	Bear	0	0	22	0.91	56	474
	Nelson	0	0	5	0.93	14	141
	NW Dist.-BH	0	0	5	0.93	16	154
South Peninsula		0	0	8	0.92	23	220
Chignik	Black Lake	0	0	13	0.92	28	242
	Chignik Lake	0	0	6	0.92	17	176
East of WASSIP		0	0	5	0.92	16	159
Total		512,849				512,694	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.02 times unadjusted median.

Appendix C151.–Ugashik District, Bristol Bay Area, Central Region, 2006, temporal stratum 4. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 4 (7/12–7/16; Harvest = 537,147; n = 386)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	1,502	0.86	239	1,094
Kuskokwim Bay	Kuskokwim R.	0	0	5	0.92	15	154
	Kanektok	0	0	27	0.91	56	473
	Goodnews	0	0	6,130	0.55	1,275	2,241
Bristol Bay	Togiak	0	0	3,121	0.55	616	1,211
	Igushik	0	0	5	0.92	16	162
	Wood	0	0	5	0.92	15	150
	Nushagak	0	0	7	0.92	22	222
	Kvichak	8,439	3,751	17,377	0.00	9,117	4,526
	Alagnak	0	0	8	0.92	21	203
	Naknek	2,399	0	12,993	0.34	3,892	4,611
	Egegik	42,160	20,799	74,851	0.00	43,587	16,681
	Ugashik	484,149	425,392	522,712	0.00	473,877	29,579
North Peninsula	Cinder	0	0	8,713	0.60	1,694	3,168
	Meshik	0	0	13,850	0.68	2,283	4,969
	Ilnik	0	0	442	0.88	194	1,091
	Sandy	0	0	12	0.91	34	312
	Bear	0	0	9	0.92	26	247
	Nelson	0	0	5	0.92	16	155
	NW Dist.-BH	0	0	5	0.92	16	167
South Peninsula		0	0	7	0.92	21	202
Chignik	Black Lake	0	0	9	0.92	24	231
	Chignik Lake	0	0	5	0.92	15	153
East of WASSIP		0	0	6	0.92	17	161
Total		537,147				537,088	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.02 times unadjusted median.

Appendix C152.–Ugashik District, Bristol Bay Area, Central Region, 2006, temporal stratum 5. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 5 (7/17–8/31; Harvest = 820,411; n = 396)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	9	0.92	28	282
Kuskokwim Bay	Kuskokwim R.	0	0	6,882	0.77	947	2,612
	Kanektok	0	0	9,962	0.73	1,504	3,652
	Goodnews	2,214	0	10,041	0.19	3,160	3,465
Bristol Bay	Togiak	0	0	51	0.90	77	604
	Igushik	0	0	115	0.90	124	885
	Wood	12,804	4,046	28,243	0.00	13,860	7,616
	Nushagak	0	0	12,917	0.55	2,771	4,708
	Kvichak	3,235	0	11,711	0.07	4,124	3,875
	Alagnak	0	0	50	0.90	65	512
	Naknek	0	0	2,002	0.80	318	1,384
	Egegik	4,626	0	69,772	0.15	16,435	24,119
	Ugashik	791,562	691,822	845,330	0.00	769,770	46,694
North Peninsula	Cinder	0	0	19	0.91	58	560
	Meshik	0	0	20	0.92	78	715
	Ilnik	0	0	11	0.92	33	321
	Sandy	5,970	0	17,645	0.23	6,569	5,989
	Bear	0	0	37	0.91	79	678
	Nelson	0	0	113	0.90	85	580
	NW Dist.-BH	0	0	65	0.90	77	554
South Peninsula		0	0	10	0.92	27	276
Chignik	Black Lake	0	0	8	0.92	23	219
	Chignik Lake	0	0	7	0.92	22	211
East of WASSIP		0	0	9	0.92	26	260
Total		820,411				820,260	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.03 times unadjusted median.

Appendix C153.–Ugashik District, Bristol Bay Area, Central Region, 2007, temporal stratum 1. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 1 (6/12–6/25; Harvest = 55,428; n = 396)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	102	0.90	23	116
Kuskokwim Bay	Kuskokwim R.	0	0	29	0.90	12	72
	Kanektok	0	0	1	0.94	4	33
	Goodnews	0	0	1	0.95	2	21
Bristol Bay	Togiak	0	0	1	0.95	2	18
	Igushik	710	0	1,662	0.18	716	542
	Wood	778	174	1,822	0.02	856	511
	Nushagak	0	0	256	0.85	33	124
	Kvichak	757	177	1,715	0.00	822	481
	Alagnak	0	0	1	0.95	2	20
	Naknek	513	0	1,310	0.07	562	403
	Egegik	12,016	6,056	18,154	0.00	11,950	3,655
	Ugashik	31,672	24,803	38,109	0.00	31,355	4,040
North Peninsula	Cinder	8,842	6,708	11,093	0.00	8,796	1,336
	Meshik	0	0	7	0.93	18	134
	Ilnik	44	0	375	0.32	97	136
	Sandy	0	0	10	0.92	8	54
	Bear	0	0	3	0.93	7	59
	Nelson	0	0	89	0.87	14	63
	NW Dist.-BH	0	0	1	0.95	2	17
South Peninsula		0	0	1	0.95	3	26
Chignik	Black Lake	0	0	1	0.95	2	22
	Chignik Lake	0	0	1	0.95	2	15
East of WASSIP		97	0	434	0.05	141	146
Total		55,429				55,429	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.01 times unadjusted median.

Appendix C154.–Ugashik District, Bristol Bay Area, Central Region, 2007, temporal stratum 2. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 2 (6/29–7/1; Harvest = 288,631; n = 374)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	3	0.93	8	85
Kuskokwim Bay	Kuskokwim R.	0	0	3	0.93	8	79
	Kanektok	0	0	3	0.93	10	95
	Goodnews	0	0	4	0.93	11	108
Bristol Bay	Togiak	0	0	4	0.93	11	107
	Igushik	0	0	2,291	0.82	284	884
	Wood	2,129	0	5,286	0.10	2,294	1,629
	Nushagak	0	0	6	0.92	19	189
	Kvichak	8,772	999	18,927	0.00	8,646	6,046
	Alagnak	0	0	3,641	0.68	600	1,341
	Naknek	0	0	11,140	0.64	2,137	3,959
	Egegik	37,146	20,834	62,525	0.00	38,477	12,970
	Ugashik	240,584	206,084	264,633	0.00	235,690	17,815
North Peninsula	Cinder	0	0	1,778	0.86	252	1,086
	Meshik	0	0	45	0.91	58	426
	Ilnik	0	0	6	0.92	17	161
	Sandy	0	0	3	0.93	9	94
	Bear	0	0	8	0.92	20	180
	Nelson	0	0	3	0.93	9	85
	NW Dist.-BH	0	0	3	0.93	10	97
South Peninsula		0	0	3	0.93	8	79
Chignik	Black Lake	0	0	3	0.93	9	87
	Chignik Lake	0	0	2	0.93	8	82
East of WASSIP		0	0	2	0.93	8	82
Total		288,631				288,603	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.02 times unadjusted median.

Appendix C155.–Ugashik District, Bristol Bay Area, Central Region, 2007, temporal stratum 3. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 3 (7/2–7/7; Harvest = 1,274,764; n = 453)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	11	0.92	30	302
Kuskokwim Bay	Kuskokwim R.	0	0	9	0.92	28	288
	Kanektok	0	0	9	0.92	29	292
	Goodnews	0	0	10	0.92	31	319
Bristol Bay	Togiak	0	0	10	0.92	30	304
	Igushik	0	0	1,882	0.84	287	1,247
	Wood	201	0	7,238	0.44	1,622	2,697
	Nushagak	0	0	13	0.92	41	399
	Kvichak	27,758	2,540	60,319	0.00	28,082	18,563
	Alagnak	269	0	8,614	0.41	1,959	3,197
	Naknek	10,852	727	43,777	0.03	15,803	14,155
	Egegik	199,575	102,729	325,996	0.00	203,638	68,913
	Ugashik	1,036,109	879,291	1,161,226	0.00	1,022,682	85,929
North Peninsula	Cinder	0	0	185	0.90	185	1,316
	Meshik	0	0	68	0.91	126	1,015
	Ilnik	0	0	189	0.90	148	995
	Sandy	0	0	10	0.92	31	314
	Bear	0	0	11	0.92	34	350
	Nelson	0	0	14	0.92	41	420
	NW Dist.-BH	0	0	11	0.92	31	308
South Peninsula		0	0	12	0.92	37	364
Chignik	Black Lake	0	0	10	0.92	32	318
	Chignik Lake	0	0	9	0.93	28	286
East of WASSIP		0	0	12	0.92	40	397
Total		1,274,764				1,274,995	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.01 times unadjusted median.

Appendix C156.–Ugashik District, Bristol Bay Area, Central Region, 2007, temporal stratum 4. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 4 (7/8–7/11; Harvest = 1,162,109; n = 387)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	33	0.91	95	877
Kuskokwim Bay	Kuskokwim R.	0	0	11	0.92	33	323
	Kanektok	0	0	29	0.91	93	884
	Goodnews	895	0	17,240	0.46	4,641	6,230
Bristol Bay	Togiak	0	0	31	0.91	72	636
	Igushik	209	0	18,188	0.47	4,889	6,607
	Wood	0	0	25	0.92	65	619
	Nushagak	0	0	366	0.89	257	1,637
	Kvichak	8,924	2,591	26,562	0.00	10,788	8,594
	Alagnak	0	0	6,101	0.77	841	2,561
	Naknek	2,244	0	11,541	0.15	3,474	4,038
	Egegik	136,157	68,789	261,601	0.00	145,207	59,902
	Ugashik	1,013,437	844,603	1,102,143	0.00	980,273	77,881
North Peninsula	Cinder	0	0	15,385	0.76	2,110	5,679
	Meshik	0	0	23,241	0.60	4,767	8,538
	Ilnik	242	0	15,778	0.46	3,519	5,730
	Sandy	0	0	3,438	0.81	472	1,757
	Bear	0	0	22	0.92	62	593
	Nelson	0	0	39	0.91	75	637
	NW Dist.-BH	0	0	12	0.92	39	400
South Peninsula		0	0	124	0.90	209	1,544
Chignik	Black Lake	0	0	14	0.92	39	372
	Chignik Lake	0	0	12	0.92	32	302
East of WASSIP		0	0	16	0.92	45	449
Total		1,162,108				1,162,097	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.03 times unadjusted median.

Appendix C157.–Ugashik District, Bristol Bay Area, Central Region, 2007, temporal stratum 5. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 5 (7/12–8/17; Harvest = 2,245,683; n = 441)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	23	0.92	72	735
Kuskokwim Bay	Kuskokwim R.	0	0	32	0.92	101	1,026
	Kanektok	0	0	21	0.92	71	787
	Goodnews	0	0	21	0.92	60	604
Bristol Bay	Togiak	0	0	18	0.92	54	550
	Igushik	0	0	6,040	0.83	825	3,241
	Wood	0	0	12,554	0.66	2,034	4,951
	Nushagak	0	0	25	0.92	73	722
	Kvichak	58,191	16,173	109,289	0.00	59,572	27,987
	Alagnak	38,581	15,774	71,652	0.00	40,062	17,348
	Naknek	71,870	40,753	111,025	0.00	72,572	21,549
	Egegik	92,990	0	685,060	0.34	164,717	218,544
	Ugashik	1,984,052	1,377,556	2,199,336	0.00	1,900,175	239,030
North Peninsula	Cinder	0	0	71	0.91	177	1,628
	Meshik	0	0	955	0.89	951	6,245
	Ilnik	0	0	31	0.92	91	907
	Sandy	0	0	24	0.92	70	696
	Bear	0	0	19,794	0.61	3,684	7,414
	Nelson	0	0	22	0.92	64	636
	NW Dist.-BH	0	0	24	0.92	64	649
South Peninsula		0	0	44	0.92	153	1,473
Chignik	Black Lake	0	0	24	0.92	63	628
	Chignik Lake	0	0	18	0.92	56	557
East of WASSIP		0	0	27	0.92	75	708
Total		2,245,684				2,245,836	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.02 times unadjusted median.

Appendix C158.–Ugashik District, Bristol Bay Area, Central Region, 2008, temporal stratum 1. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 1 (6/16–6/29; Harvest = 160,422; n = 394)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	2	0.94	7	76
Kuskokwim Bay	Kuskokwim R.	0	0	2	0.94	5	54
	Kanektok	0	0	26	0.91	43	312
	Goodnews	0	0	4	0.93	12	112
Bristol Bay	Togiak	0	0	2	0.94	5	44
	Igushik	0	0	4,314	0.65	866	1,553
	Wood	3,193	0	6,176	0.21	2,938	2,056
	Nushagak	0	0	48	0.91	38	263
	Kvichak	9,439	5,657	14,004	0.00	9,509	2,548
	Alagnak	976	0	2,603	0.11	1,080	818
	Naknek	6,481	3,619	10,129	0.00	6,572	1,996
	Egegik	40,849	29,141	54,911	0.00	40,935	7,833
	Ugashik	96,905	80,304	110,528	0.00	95,609	9,158
North Peninsula	Cinder	2,579	769	5,271	0.00	2,724	1,392
	Meshik	0	0	103	0.90	35	206
	Ilnik	0	0	2	0.94	5	48
	Sandy	0	0	2	0.94	5	51
	Bear	0	0	2	0.94	6	55
	Nelson	0	0	2	0.94	5	49
	NW Dist.-BH	0	0	2	0.94	4	43
South Peninsula		0	0	2	0.94	5	47
Chignik	Black Lake	0	0	2	0.94	4	44
	Chignik Lake	0	0	1	0.94	4	43
East of WASSIP		0	0	1	0.94	4	44
Total		160,422				160,420	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.01 times unadjusted median.

Appendix C159.–Ugashik District, Bristol Bay Area, Central Region, 2008, temporal stratum 2. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 2 (7/2–7/3; Harvest = 364,550; n = 285)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	67	0.91	92	651
Kuskokwim Bay	Kuskokwim R.	0	0	6	0.93	20	212
	Kanektok	2,123	0	10,253	0.37	3,134	3,641
	Goodnews	0	0	6	0.93	20	210
Bristol Bay	Togiak	0	0	5	0.93	15	154
	Igushik	0	0	100	0.90	81	557
	Wood	1,051	0	5,851	0.22	1,709	2,045
	Nushagak	0	0	7,463	0.64	1,486	2,715
	Kvichak	1,675	109	10,653	0.00	2,996	3,572
	Alagnak	3,589	750	9,170	0.00	4,051	2,680
	Naknek	0	0	3,355	0.84	438	1,740
	Egegik	51,024	32,040	76,137	0.00	51,448	13,696
	Ugashik	305,088	264,280	331,815	0.00	298,277	20,624
North Peninsula	Cinder	0	0	262	0.89	130	784
	Meshik	0	0	15	0.92	39	361
	Ilnik	0	0	1,015	0.87	179	859
	Sandy	0	0	17	0.92	37	317
	Bear	0	0	8	0.92	22	210
	Nelson	0	0	5	0.93	16	163
	NW Dist.-BH	0	0	2,365	0.80	318	1,052
South Peninsula		0	0	8	0.93	21	201
Chignik	Black Lake	0	0	4	0.93	13	137
	Chignik Lake	0	0	4	0.93	13	128
East of WASSIP		0	0	5	0.93	17	164
Total		364,550				364,572	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.02 times unadjusted median.

Appendix C160.–Ugashik District, Bristol Bay Area, Central Region, 2008, temporal stratum 3. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 3 (7/4–7/10; Harvest = 1,265,549; n = 402)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	16	0.92	45	456
Kuskokwim Bay	Kuskokwim R.	0	0	13	0.92	39	410
	Kanektok	36	0	29,754	0.48	8,417	10,886
	Goodnews	0	0	18,621	0.57	4,105	6,754
Bristol Bay	Togiak	0	0	4,814	0.84	671	2,818
	Igushik	0	0	250	0.89	177	1,168
	Wood	0	0	33	0.91	77	694
	Nushagak	0	0	2,759	0.85	434	1,958
	Kvichak	30,472	7,110	61,436	0.00	31,435	16,702
	Alagnak	29,572	15,201	48,931	0.00	30,089	10,381
	Naknek	24,290	7,616	47,121	0.00	25,030	12,200
	Egegik	202,954	124,838	322,719	0.00	208,113	60,766
	Ugashik	978,224	820,969	1,078,412	0.00	954,103	77,785
North Peninsula	Cinder	0	0	42	0.91	91	788
	Meshik	0	0	31	0.91	84	761
	Ilnik	0	0	55	0.91	121	1,018
	Sandy	0	0	10,176	0.53	2,088	3,804
	Bear	0	0	13	0.92	43	437
	Nelson	0	0	20	0.92	58	546
	NW Dist.-BH	0	0	1,973	0.86	330	1,551
South Peninsula		0	0	15	0.92	44	437
Chignik	Black Lake	0	0	11	0.92	36	367
	Chignik Lake	0	0	10	0.92	33	328
East of WASSIP		0	0	40	0.91	83	694
Total		1,265,548				1,265,746	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.02 times unadjusted median.

Appendix C161.–Ugashik District, Bristol Bay Area, Central Region, 2008, temporal stratum 4. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 4 (7/11–7/13; Harvest = 277,143; n = 386)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	4	0.93	10	96
Kuskokwim Bay	Kuskokwim R.	0	0	22	0.91	30	223
	Kanektok	0	0	579	0.88	131	656
	Goodnews	0	0	1,513	0.79	205	639
Bristol Bay	Togiak	0	0	190	0.89	48	262
	Igushik	0	0	236	0.89	73	407
	Wood	0	0	3,773	0.80	462	1,357
	Nushagak	3,968	0	8,622	0.09	4,085	2,563
	Kvichak	0	0	5,295	0.81	640	2,060
	Alagnak	225	0	3,334	0.40	805	1,208
	Naknek	7,846	3,911	13,225	0.00	8,035	2,877
	Egegik	39,115	15,734	62,076	0.00	38,730	13,843
	Ugashik	225,988	193,591	253,235	0.00	222,770	18,011
North Peninsula	Cinder	0	0	4,800	0.60	987	1,744
	Meshik	0	0	6	0.92	16	150
	Ilnik	0	0	11	0.92	26	223
	Sandy	0	0	4	0.93	10	103
	Bear	0	0	14	0.92	27	216
	Nelson	0	0	2	0.93	7	73
	NW Dist.-BH	0	0	3	0.93	9	85
South Peninsula		0	0	3	0.93	8	76
Chignik	Black Lake	0	0	3	0.93	8	79
	Chignik Lake	0	0	3	0.93	8	84
East of WASSIP		0	0	6	0.93	16	161
Total		277,142				277,146	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.02 times unadjusted median.

Appendix C162.–Ugashik District, Bristol Bay Area, Central Region, 2008, temporal stratum 5. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 5 (7/14–8/31; Harvest = 266,358; n = 384)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	3	0.93	8	88
Kuskokwim Bay	Kuskokwim R.	0	0	3	0.93	8	76
	Kanektok	0	0	3	0.93	9	97
	Goodnews	0	0	1,429	0.74	210	587
Bristol Bay	Togiak	18	0	1,689	0.47	370	636
	Igushik	457	0	2,799	0.26	796	989
	Wood	0	0	1,515	0.72	234	605
	Nushagak	0	0	10	0.92	23	198
	Kvichak	0	0	1,397	0.79	218	937
	Alagnak	0	0	105	0.88	39	240
	Naknek	711	0	4,027	0.26	1,180	1,412
	Egegik	21,960	8,983	42,440	0.00	23,153	10,548
	Ugashik	243,212	213,583	265,918	0.00	240,047	16,005
North Peninsula	Cinder	0	0	12	0.92	27	229
	Meshik	0	0	11	0.92	27	233
	Ilnik	0	0	11	0.92	22	182
	Sandy	0	0	24	0.91	27	191
	Bear	0	0	4	0.93	11	110
	Nelson	0	0	3	0.93	8	77
	NW Dist.-BH	0	0	3	0.93	7	73
South Peninsula		0	0	4	0.93	10	101
Chignik	Black Lake	0	0	3	0.93	9	87
	Chignik Lake	0	0	3	0.93	8	81
East of WASSIP		0	0	3	0.93	9	84
Total		266,358				266,460	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.01 times unadjusted median.

Appendix C163.–Egegik District, Bristol Bay Area, Central Region, 2006, temporal stratum 1. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 1 (6/12–7/1; Harvest = 1,419,201; n = 485)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	11	0.92	33	336
Kuskokwim Bay	Kuskokwim R.	0	0	26	0.92	71	637
	Kanektok	8,638	0	26,235	0.25	9,592	8,954
	Goodnews	0	0	18	0.92	50	464
Bristol Bay	Togiak	0	0	12	0.92	40	413
	Igushik	0	0	46	0.91	96	814
	Wood	9	0	18,138	0.49	4,517	6,557
	Nushagak	661	0	18,136	0.45	4,533	6,514
	Kvichak	8,942	1,658	25,631	0.00	10,540	7,721
	Alagnak	0	0	12	0.92	37	364
	Naknek	24,295	0	54,081	0.06	25,318	15,897
	Egegik	1,375,512	1,220,171	1,469,405	0.00	1,343,966	75,753
	Ugashik	1,143	0	90,623	0.24	19,580	31,883
North Peninsula	Cinder	0	0	46	0.91	95	807
	Meshik	0	0	165	0.90	158	1,105
	Ilnik	0	0	184	0.90	140	945
	Sandy	0	0	11	0.92	33	323
	Bear	0	0	15	0.92	43	421
	Nelson	0	0	10	0.93	30	304
	NW Dist.-BH	0	0	22	0.92	61	573
South Peninsula		0	0	58	0.91	82	643
Chignik	Black Lake	0	0	10	0.92	34	343
	Chignik Lake	0	0	20	0.92	50	460
East of WASSIP		0	0	16	0.92	44	427
Total		1,419,200				1,419,143	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.02 times unadjusted median.

Appendix C164.–Egegik District, Bristol Bay Area, Central Region, 2006, temporal stratum 2. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 2 (7/2–7/6; Harvest = 1,781,368; n = 425)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	18	0.92	54	528
Kuskokwim Bay	Kuskokwim R.	0	0	21	0.92	61	605
	Kanektok	0	0	3,087	0.85	471	2,078
	Goodnews	0	0	6,148	0.76	888	2,739
Bristol Bay	Togiak	0	0	3,139	0.85	481	2,167
	Igushik	2	0	38,939	0.50	10,790	14,296
	Wood	10,550	0	37,111	0.35	12,556	13,224
	Nushagak	0	0	50	0.91	120	1,022
	Kvichak	3,149	233	14,544	0.00	4,780	5,634
	Alagnak	2,210	0	16,016	0.29	4,353	5,749
	Naknek	0	0	13,749	0.76	1,822	5,916
	Egegik	1,765,458	1,601,336	1,892,865	0.00	1,743,072	88,640
	Ugashik	0	0	1,221	0.88	1,172	8,409
North Peninsula	Cinder	0	0	19	0.92	60	602
	Meshik	0	0	33	0.92	87	811
	Ilnik	0	0	16	0.92	46	454
	Sandy	0	0	13	0.92	44	467
	Bear	0	0	15	0.92	51	495
	Nelson	0	0	17	0.92	47	470
	NW Dist.-BH	0	0	15	0.92	46	445
South Peninsula		0	0	15	0.92	45	439
Chignik	Black Lake	0	0	15	0.92	43	424
	Chignik Lake	0	0	13	0.93	40	403
East of WASSIP		0	0	16	0.92	51	508
Total		1,781,369				1,781,180	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.01 times unadjusted median.

Appendix C165.–Egegik District, Bristol Bay Area, Central Region, 2006, temporal stratum 3. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 3 (7/7–7/12; Harvest = 2,146,260; n = 391)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	21	0.92	64	629
Kuskokwim Bay	Kuskokwim R.	0	0	18	0.92	54	542
	Kanektok	0	0	22	0.92	61	623
	Goodnews	0	0	22	0.92	62	645
Bristol Bay	Togiak	0	0	26	0.92	68	661
	Igushik	0	0	53	0.91	120	1,067
	Wood	0	0	279	0.90	236	1,638
	Nushagak	0	0	20	0.92	62	596
	Kvichak	30,623	0	83,288	0.25	32,447	28,545
	Alagnak	18,879	6,007	42,733	0.00	20,922	11,565
	Naknek	62,137	27,901	109,428	0.00	64,572	25,084
	Egegik	1,801,816	1,554,790	2,103,372	0.00	1,813,746	167,770
	Ugashik	232,805	0	430,678	0.19	212,598	143,648
North Peninsula	Cinder	0	0	55	0.91	142	1,314
	Meshik	0	0	54	0.91	148	1,384
	Ilnik	0	0	32	0.92	96	936
	Sandy	0	0	21	0.92	66	669
	Bear	0	0	23	0.92	75	797
	Nelson	0	0	24	0.92	69	670
	NW Dist.-BH	0	0	21	0.92	58	568
South Peninsula		0	0	25	0.92	67	661
Chignik	Black Lake	0	0	19	0.92	60	595
	Chignik Lake	0	0	21	0.92	59	588
East of WASSIP		0	0	21	0.92	58	578
Total		2,146,260				2,145,910	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.00 times unadjusted median.

Appendix C166.–Egegik District, Bristol Bay Area, Central Region, 2006, temporal stratum 4. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 4 (7/13–7/15; Harvest = 1,043,036; n = 398)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	12	0.92	35	351
Kuskokwim Bay	Kuskokwim R.	0	0	10	0.92	29	289
	Kanektok	0	0	12	0.92	33	344
	Goodnews	0	0	13	0.92	41	394
Bristol Bay	Togiak	0	0	11	0.92	36	350
	Igushik	0	0	114	0.90	116	819
	Wood	0	0	15	0.92	41	399
	Nushagak	0	0	3,463	0.80	473	1,683
	Kvichak	14,768	3,282	45,632	0.00	18,469	13,668
	Alagnak	11,097	3,981	23,188	0.00	11,939	5,994
	Naknek	68,298	37,682	101,792	0.00	68,400	19,425
	Egegik	827,631	726,153	919,178	0.00	820,740	58,575
	Ugashik	121,242	59,820	190,354	0.00	121,871	39,855
North Peninsula	Cinder	0	0	16	0.92	46	439
	Meshik	0	0	53	0.91	98	809
	Ilnik	0	0	35	0.91	74	631
	Sandy	0	0	12	0.92	33	332
	Bear	0	0	10	0.92	29	283
	Nelson	0	0	12	0.92	29	282
	NW Dist.-BH	0	0	9	0.92	30	301
South Peninsula		0	0	1,987	0.84	293	1,227
Chignik	Black Lake	0	0	8	0.92	30	285
	Chignik Lake	0	0	10	0.92	29	279
East of WASSIP		0	0	1,174	0.86	210	1,012
Total		1,043,036				1,043,124	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.01 times unadjusted median.

Appendix C167.–Egegik District, Bristol Bay Area, Central Region, 2006, temporal stratum 5. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 5 (7/16–8/31; Harvest = 1,018,368; n = 609)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	20	0.92	57	511
Kuskokwim Bay	Kuskokwim R.	0	0	7	0.93	19	180
	Kanektok	0	0	13	0.92	41	416
	Goodnews	0	0	227	0.89	142	887
Bristol Bay	Togiak	0	0	8	0.92	25	284
	Igushik	0	0	25	0.91	50	415
	Wood	0	0	4,647	0.57	888	1,777
	Nushagak	0	0	210	0.89	172	1,083
	Kvichak	94,278	69,266	122,444	0.00	94,418	16,233
	Alagnak	36,943	23,721	53,402	0.00	37,336	9,072
	Naknek	68,520	47,459	92,827	0.00	68,787	13,805
	Egegik	681,932	596,205	763,195	0.00	678,179	50,962
	Ugashik	136,694	80,424	198,002	0.00	137,025	35,821
North Peninsula	Cinder	0	0	4,696	0.84	597	2,423
	Meshik	0	0	696	0.88	228	1,274
	Ilnik	0	0	11	0.92	30	292
	Sandy	0	0	7	0.93	21	205
	Bear	0	0	7	0.92	21	212
	Nelson	0	0	7	0.93	21	210
	NW Dist.-BH	0	0	9	0.92	24	238
South Peninsula		0	0	7	0.93	22	220
Chignik	Black Lake	0	0	6	0.93	19	198
	Chignik Lake	0	0	5	0.93	17	171
East of WASSIP		0	0	8	0.92	24	243
Total		1,018,367				1,018,163	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.01 times unadjusted median.

Appendix C168.–Egegik District, Bristol Bay Area, Central Region, 2007, temporal stratum 1. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 1 (6/12–6/27; Harvest = 475,947; n = 323)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	73	0.91	117	834
Kuskokwim Bay	Kuskokwim R.	0	0	14	0.92	44	425
	Kanektok	0	0	10,175	0.81	1,217	3,710
	Goodnews	0	0	909	0.88	201	1,037
Bristol Bay	Togiak	3,659	0	12,097	0.10	4,448	3,988
	Igushik	2,216	0	24,650	0.45	7,593	9,072
	Wood	26,664	12,075	42,181	0.00	26,286	9,242
	Nushagak	2,849	0	16,509	0.34	4,556	5,693
	Kvichak	26,744	12,713	43,891	0.00	26,771	9,548
	Alagnak	8,932	3,242	17,311	0.00	9,244	4,359
	Naknek	29,322	16,375	44,005	0.00	29,042	8,441
	Egegik	375,560	326,447	402,805	0.00	363,864	23,253
	Ugashik	2	0	14,978	0.47	2,253	5,937
North Peninsula	Cinder	0	0	22	0.92	48	403
	Meshik	0	0	23	0.92	46	376
	Ilnik	0	0	7	0.93	19	188
	Sandy	0	0	7	0.93	19	196
	Bear	0	0	7	0.93	20	196
	Nelson	0	0	22	0.92	38	301
	NW Dist.-BH	0	0	8	0.93	23	224
South Peninsula		0	0	6	0.93	18	185
Chignik	Black Lake	0	0	6	0.93	17	168
	Chignik Lake	0	0	6	0.93	15	149
East of WASSIP		0	0	5	0.93	16	171
Total		475,948				475,915	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.03 times unadjusted median.

Appendix C169.–Egegik District, Bristol Bay Area, Central Region, 2007, temporal stratum 2. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 2 (6/28–7/3; Harvest = 1,237,701; n = 398)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	14	0.92	38	370
Kuskokwim Bay	Kuskokwim R.	0	0	12	0.92	34	341
	Kanektok	0	0	17	0.92	53	513
	Goodnews	0	0	368	0.89	194	1,210
Bristol Bay	Togiak	0	0	27	0.92	71	657
	Igushik	0	0	3,652	0.80	503	1,740
	Wood	1,657	0	10,307	0.21	2,920	3,663
	Nushagak	0	0	36	0.91	76	642
	Kvichak	100,687	67,047	139,429	0.00	101,127	22,141
	Alagnak	16,819	6,666	32,769	0.00	17,784	8,104
	Naknek	22,690	8,364	45,461	0.00	24,108	11,510
	Egegik	989,464	864,917	1,102,196	0.00	982,083	72,336
	Ugashik	106,384	27,962	195,260	0.02	108,456	49,760
North Peninsula	Cinder	0	0	29	0.91	68	602
	Meshik	0	0	134	0.90	194	1,404
	Ilnik	0	0	14	0.92	41	422
	Sandy	0	0	11	0.92	34	330
	Bear	0	0	13	0.92	37	373
	Nelson	0	0	12	0.92	37	368
	NW Dist.-BH	0	0	10	0.92	31	307
South Peninsula		0	0	13	0.92	34	325
Chignik	Black Lake	0	0	17	0.92	49	479
	Chignik Lake	0	0	15	0.92	40	389
East of WASSIP		0	0	10	0.92	32	330
Total		1,237,701				1,238,044	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.01 times unadjusted median.

Appendix C170.–Egegik District, Bristol Bay Area, Central Region, 2007, temporal stratum 3. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 3 (7/4–7/8; Harvest = 2,115,321; n = 399)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	25	0.92	75	758
Kuskokwim Bay	Kuskokwim R.	11	0	33,017	0.49	8,667	12,030
	Kanektok	0	0	466	0.89	911	5,973
	Goodnews	0	0	5,400	0.81	760	2,845
Bristol Bay	Togiak	3,270	0	16,641	0.13	5,036	5,821
	Igushik	0	0	29	0.92	82	812
	Wood	0	0	25	0.92	81	789
	Nushagak	0	0	27,510	0.63	5,341	9,983
	Kvichak	21,075	5,560	72,354	0.00	27,298	21,585
	Alagnak	30,894	11,350	60,117	0.00	32,255	15,151
	Naknek	130,398	63,092	202,113	0.00	129,189	42,185
	Egegik	1,929,351	1,711,476	2,067,763	0.00	1,885,940	108,353
	Ugashik	323	0	90,103	0.33	18,526	32,177
North Peninsula	Cinder	0	0	66	0.91	160	1,389
	Meshik	0	0	202	0.90	433	3,434
	Ilnik	0	0	86	0.91	226	1,925
	Sandy	0	0	21	0.92	63	634
	Bear	0	0	27	0.92	79	763
	Nelson	0	0	20	0.92	63	646
	NW Dist.-BH	0	0	40	0.92	104	931
South Peninsula		0	0	23	0.92	65	622
Chignik	Black Lake	0	0	20	0.92	57	566
	Chignik Lake	0	0	17	0.92	55	547
East of WASSIP		0	0	26	0.92	79	774
Total		2,115,322				2,115,545	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.02 times unadjusted median.

Appendix C171.–Egegik District, Bristol Bay Area, Central Region, 2007, temporal stratum 4. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 4 (7/9–7/14; Harvest = 1,965,468; n = 399)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	24	0.92	70	719
Kuskokwim Bay	Kuskokwim R.	0	0	18	0.92	52	532
	Kanektok	0	0	90	0.91	170	1,412
	Goodnews	401	0	27,951	0.46	6,846	10,125
Bristol Bay	Togiak	0	0	3,084	0.86	555	2,710
	Igushik	0	0	3,641	0.84	756	3,753
	Wood	17,750	4,782	39,521	0.00	18,959	10,910
	Nushagak	0	0	7,452	0.84	1,047	4,330
	Kvichak	330,946	238,470	410,267	0.00	321,141	52,407
	Alagnak	175,490	121,465	227,199	0.00	171,216	32,256
	Naknek	231,095	156,841	302,666	0.00	225,411	44,524
	Egegik	1,209,779	997,405	1,330,165	0.00	1,165,819	100,912
	Ugashik	6	0	177,926	0.49	51,360	65,796
North Peninsula	Cinder	0	0	46	0.92	120	1,113
	Meshik	0	0	82	0.91	171	1,465
	Ilnik	0	0	40	0.92	124	1,191
	Sandy	0	0	22	0.92	59	593
	Bear	0	0	7,094	0.81	991	3,743
	Nelson	0	0	16	0.92	53	532
	NW Dist.-BH	0	0	17	0.92	50	508
South Peninsula		0	0	25	0.92	70	703
Chignik	Black Lake	0	0	16	0.92	53	522
	Chignik Lake	0	0	77	0.91	153	1,217
East of WASSIP		0	0	30	0.92	95	916
Total		1,965,467				1,965,341	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.04 times unadjusted median.

Appendix C172.–Egegik District, Bristol Bay Area, Central Region, 2007, temporal stratum 5. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 5 (7/15–8/31; Harvest = 701,471; n = 355)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	7	0.92	22	224
Kuskokwim Bay	Kuskokwim R.	0	0	7	0.92	22	215
	Kanektok	0	0	7	0.92	23	233
	Goodnews	0	0	4,176	0.83	521	1,991
Bristol Bay	Togiak	1,242	0	5,822	0.07	1,844	1,984
	Igushik	8,432	2,909	17,684	0.00	9,064	4,622
	Wood	0	0	90	0.90	121	876
	Nushagak	0	0	10	0.92	31	311
	Kvichak	40,198	23,081	61,544	0.00	40,707	11,767
	Alagnak	14,438	6,743	25,488	0.00	14,972	5,802
	Naknek	17,227	5,308	38,195	0.00	18,780	10,284
	Egegik	589,576	511,019	654,670	0.00	582,984	43,620
	Ugashik	30,358	0	86,908	0.31	31,832	31,392
North Peninsula	Cinder	0	0	668	0.87	187	1,059
	Meshik	0	0	77	0.90	109	834
	Ilnik	0	0	15	0.91	41	412
	Sandy	0	0	9	0.92	27	264
	Bear	0	0	8	0.92	26	255
	Nelson	0	0	12	0.92	34	328
	NW Dist.-BH	0	0	7	0.92	21	209
South Peninsula		0	0	9	0.92	25	237
Chignik	Black Lake	0	0	7	0.92	21	217
	Chignik Lake	0	0	7	0.92	21	216
East of WASSIP		0	0	7	0.92	21	215
Total		701,471				701,456	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.01 times unadjusted median.

Appendix C173.–Egegik District, Bristol Bay Area, Central Region, 2008, temporal stratum 1. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 1 (6/9–6/26; Harvest = 600,533; n = 395)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	7	0.92	21	203
Kuskokwim Bay	Kuskokwim R.	0	0	5	0.92	16	156
	Kanektok	0	0	6	0.92	18	173
	Goodnews	0	0	6	0.92	20	202
Bristol Bay	Togiak	0	0	7	0.92	18	181
	Igushik	0	0	131	0.89	106	681
	Wood	5,568	1,893	11,840	0.00	6,023	3,115
	Nushagak	0	0	6	0.92	20	206
	Kvichak	25,746	14,722	40,820	0.00	26,380	8,034
	Alagnak	3,391	401	9,499	0.02	3,969	2,884
	Naknek	25,029	14,322	39,515	0.00	25,600	7,731
	Egegik	517,728	460,239	570,504	0.00	514,442	33,570
	Ugashik	23,072	0	56,861	0.13	23,657	18,892
North Peninsula	Cinder	0	0	17	0.91	42	376
	Meshik	0	0	24	0.91	55	473
	Ilnik	0	0	9	0.92	24	230
	Sandy	0	0	7	0.92	21	215
	Bear	0	0	10	0.92	26	240
	Nelson	0	0	6	0.92	17	166
	NW Dist.-BH	0	0	12	0.92	29	254
South Peninsula		0	0	8	0.92	21	212
Chignik	Black Lake	0	0	6	0.92	17	178
	Chignik Lake	0	0	5	0.92	16	151
East of WASSIP		0	0	14	0.91	32	274
Total		600,534				600,590	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.01 times unadjusted median.

Appendix C174.–Egegik District, Bristol Bay Area, Central Region, 2008, temporal stratum 2. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 2 (6/27–6/29; Harvest = 1,092,595; n = 397)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	15	0.92	41	410
Kuskokwim Bay	Kuskokwim R.	0	0	12	0.92	33	313
	Kanektok	0	0	174	0.90	136	985
	Goodnews	0	0	350	0.89	312	1,933
Bristol Bay	Togiak	0	0	418	0.89	169	1,068
	Igushik	13,667	0	32,311	0.11	14,257	10,097
	Wood	17,416	6,005	34,368	0.00	18,217	8,806
	Nushagak	0	0	25,360	0.70	4,237	9,001
	Kvichak	184,389	137,759	231,097	0.00	182,230	28,387
	Alagnak	48,733	27,966	73,521	0.00	48,911	13,889
	Naknek	170,807	127,565	213,296	0.00	168,700	26,177
	Egegik	657,583	567,047	725,748	0.00	645,794	48,310
	Ugashik	0	0	52,037	0.54	9,013	18,353
North Peninsula	Cinder	0	0	39	0.91	86	734
	Meshik	0	0	17	0.92	52	524
	Ilnik	0	0	13	0.92	39	390
	Sandy	0	0	358	0.89	241	1,510
	Bear	0	0	10	0.92	30	300
	Nelson	0	0	10	0.92	29	289
	NW Dist.-BH	0	0	10	0.92	29	293
South Peninsula		0	0	10	0.92	31	315
Chignik	Black Lake	0	0	22	0.91	54	492
	Chignik Lake	0	0	10	0.92	29	289
East of WASSIP		0	0	10	0.92	29	287
Total		1,092,595				1,092,699	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.02 times unadjusted median.

Appendix C175.–Egegik District, Bristol Bay Area, Central Region, 2008, temporal stratum 3. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 3 (6/30–7/5; Harvest = 3,178,947; n = 397)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	32	0.92	94	951
Kuskokwim Bay	Kuskokwim R.	0	0	37	0.92	105	1,011
	Kanektok	0	0	30	0.92	87	897
	Goodnews	0	0	1,120	0.89	592	3,585
Bristol Bay	Togiak	0	0	160	0.91	266	2,059
	Igushik	0	0	611	0.89	426	2,871
	Wood	13,709	0	56,870	0.33	18,309	20,071
	Nushagak	0	0	47,257	0.58	10,337	17,265
	Kvichak	266,760	173,185	374,604	0.00	267,942	61,336
	Alagnak	78,625	36,483	137,611	0.00	81,297	31,047
	Naknek	340,425	245,570	447,760	0.00	340,798	61,674
	Egegik	2,258,297	1,968,053	2,545,469	0.00	2,245,385	175,029
	Ugashik	221,132	0	403,429	0.12	212,209	120,049
North Peninsula	Cinder	0	0	47	0.92	142	1,420
	Meshik	0	0	66	0.92	182	1,708
	Ilnik	0	0	46	0.92	132	1,313
	Sandy	0	0	99	0.91	185	1,561
	Bear	0	0	38	0.92	110	1,081
	Nelson	0	0	25	0.92	81	842
	NW Dist.-BH	0	0	294	0.90	269	1,897
South Peninsula		0	0	32	0.92	94	926
Chignik	Black Lake	0	0	45	0.92	119	1,135
	Chignik Lake	0	0	33	0.92	92	893
East of WASSIP		0	0	30	0.92	78	755
Total		3,178,948				3,179,331	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.01 times unadjusted median.

Appendix C176.–Egegik District, Bristol Bay Area, Central Region, 2008, temporal stratum 4. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 4 (7/6–7/8; Harvest = 1,233,792; n = 397)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	13	0.92	41	426
Kuskokwim Bay	Kuskokwim R.	0	0	3,797	0.81	525	1,960
	Kanektok	0	0	7,073	0.77	980	2,881
	Goodnews	0	0	12,963	0.77	1,696	4,886
Bristol Bay	Togiak	0	0	1,159	0.88	353	1,955
	Igushik	0	0	1,662	0.87	409	2,130
	Wood	0	0	72	0.90	137	1,172
	Nushagak	8,095	0	24,717	0.19	9,211	8,327
	Kvichak	137,563	95,467	183,996	0.00	137,402	27,037
	Alagnak	44,663	26,181	68,400	0.00	45,315	12,932
	Naknek	79,898	45,264	124,139	0.00	81,098	24,191
	Egegik	915,881	792,005	1,023,169	0.00	906,485	70,186
	Ugashik	47,691	0	127,110	0.19	49,287	44,655
North Peninsula	Cinder	0	0	31	0.91	92	857
	Meshik	0	0	57	0.91	123	1,026
	Ilnik	0	0	45	0.91	112	970
	Sandy	0	0	19	0.92	51	487
	Bear	0	0	14	0.92	41	395
	Nelson	0	0	12	0.92	38	384
	NW Dist.-BH	0	0	59	0.91	87	666
South Peninsula		0	0	13	0.92	37	384
Chignik	Black Lake	0	0	11	0.92	33	323
	Chignik Lake	0	0	10	0.92	32	326
East of WASSIP		0	0	12	0.92	33	319
Total		1,233,791				1,233,618	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.
[a] Adjusted median; 1.01 times unadjusted median.

Appendix C177.–Egegik District, Bristol Bay Area, Central Region, 2008, temporal stratum 5. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 5 (7/9–8/31; Harvest = 1,298,018; n = 574)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	1,869	0.87	382	1,882
Kuskokwim Bay	Kuskokwim R.	0	0	543	0.88	162	919
	Kanektok	0	0	52	0.91	134	1,101
	Goodnews	9,663	0	26,452	0.32	9,902	9,368
Bristol Bay	Togiak	4	0	17,583	0.49	4,624	6,387
	Igushik	19,047	0	34,847	0.12	18,267	10,405
	Wood	0	0	23,851	0.69	3,823	8,297
	Nushagak	0	0	30	0.92	84	770
	Kvichak	71,193	42,120	108,285	0.00	72,002	20,257
	Alagnak	43,210	26,762	63,046	0.00	43,416	11,070
	Naknek	114,675	82,707	148,690	0.00	114,006	20,079
	Egegik	1,040,227	932,217	1,125,815	0.00	1,026,546	58,928
	Ugashik	0	0	18,484	0.66	2,606	9,117
North Peninsula	Cinder	0	0	8,299	0.76	1,140	3,323
	Meshik	0	0	282	0.89	196	1,286
	Ilnik	0	0	106	0.90	123	889
	Sandy	0	0	8	0.93	26	254
	Bear	0	0	12	0.92	33	317
	Nelson	0	0	8	0.93	26	259
	NW Dist.-BH	0	0	12	0.92	34	334
South Peninsula		0	0	28	0.91	75	628
Chignik	Black Lake	0	0	8	0.93	23	237
	Chignik Lake	0	0	9	0.92	28	279
East of WASSIP		0	0	532	0.88	143	792
Total		1,298,019				1,297,801	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.01 times unadjusted median.

Appendix C178.–Naknek-Kvichak District, Bristol Bay Area, Central Region, 2006, temporal stratum 1. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 1 (6/19–7/9; Harvest = 2,209,098; n = 690)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	28	0.92	97	943
Kuskokwim Bay	Kuskokwim R.	0	0	8,055	0.70	1,266	3,089
	Kanektok	0	0	458	0.89	188	1,130
	Goodnews	0	0	22	0.92	63	626
Bristol Bay	Togiak	0	0	17	0.92	49	482
	Igushik	0	0	559	0.89	225	1,341
	Wood	0	0	191	0.90	197	1,332
	Nushagak	1,143	0	13,421	0.39	3,401	4,849
	Kvichak	106,789	71,441	148,898	0.00	107,623	23,689
	Alagnak	81,660	54,415	115,202	0.00	82,554	18,555
	Naknek	2,019,506	1,842,707	2,187,558	0.00	2,010,444	104,732
	Egegik	0	0	15,451	0.74	1,991	6,293
	Ugashik	0	0	2,367	0.87	549	2,825
North Peninsula	Cinder	0	0	19	0.92	54	514
	Meshik	0	0	27	0.92	68	634
	Ilnik	0	0	16	0.92	47	467
	Sandy	0	0	13	0.93	37	370
	Bear	0	0	13	0.93	36	352
	Nelson	0	0	14	0.93	40	407
	NW Dist.-BH	0	0	12	0.93	34	348
South Peninsula		0	0	17	0.93	48	450
Chignik	Black Lake	0	0	11	0.93	31	320
	Chignik Lake	0	0	12	0.93	33	331
East of WASSIP		0	0	11	0.93	34	346
Total		2,209,098				2,209,109	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.01 times unadjusted median.

Appendix C179.–Naknek-Kvichak District, Bristol Bay Area, Central Region, 2006, temporal stratum 2. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 2 (7/10–7/10; Harvest = 235,526; n = 239)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	6	0.93	18	180
Kuskokwim Bay	Kuskokwim R.	0	0	4	0.93	11	116
	Kanektok	0	0	4	0.93	12	124
	Goodnews	0	0	105	0.90	61	386
Bristol Bay	Togiak	219	0	2,517	0.36	625	933
	Igushik	0	0	6	0.93	16	143
	Wood	0	0	3	0.93	13	123
	Nushagak	0	0	7	0.93	17	153
	Kvichak	79,208	64,043	94,517	0.00	78,765	9,272
	Alagnak	37,373	27,503	48,094	0.00	37,302	6,292
	Naknek	112,328	94,577	129,456	0.00	111,530	10,571
	Egegik	6,398	0	15,157	0.05	6,814	4,598
	Ugashik	0	0	125	0.90	122	818
North Peninsula	Cinder	0	0	23	0.92	34	266
	Meshik	0	0	11	0.92	28	255
	Ilnik	0	0	4	0.93	11	113
	Sandy	0	0	4	0.93	12	117
	Bear	0	0	3	0.93	11	109
	Nelson	0	0	3	0.93	10	98
	NW Dist.-BH	0	0	4	0.93	10	104
South Peninsula		0	0	4	0.93	10	103
Chignik	Black Lake	0	0	3	0.93	10	103
	Chignik Lake	0	0	3	0.93	10	99
East of WASSIP		0	0	3	0.93	10	101
Total		235,526				235,462	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.01 times unadjusted median.

Appendix C180.–Naknek-Kvichak District, Bristol Bay Area, Central Region, 2006, temporal stratum 3. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 3 (7/11–7/13; Harvest = 2,035,734; n = 539)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	200	0.90	347	2,534
Kuskokwim Bay	Kuskokwim R.	0	0	16	0.92	44	432
	Kanektok	0	0	28	0.92	87	865
	Goodnews	0	0	67	0.91	125	1,016
Bristol Bay	Togiak	0	0	29	0.92	83	771
	Igushik	0	0	19,815	0.55	4,356	7,223
	Wood	593	0	13,588	0.42	3,139	4,994
	Nushagak	0	0	262	0.90	283	1,985
	Kvichak	1,012,387	888,728	1,122,778	0.00	1,002,687	71,117
	Alagnak	511,664	430,289	590,216	0.00	507,494	48,674
	Naknek	237,653	178,999	300,698	0.00	236,736	37,280
	Egegik	231,693	167,931	301,016	0.00	231,149	40,546
	Ugashik	40,898	0	94,899	0.07	43,498	28,449
North Peninsula	Cinder	0	0	34	0.92	90	829
	Meshik	0	0	90	0.91	155	1,235
	Ilnik	0	0	30	0.92	87	810
	Sandy	0	0	21	0.92	59	574
	Bear	0	0	21	0.92	68	717
	Nelson	846	0	18,648	0.44	4,674	6,729
	NW Dist.-BH	0	0	15	0.92	50	491
South Peninsula		0	0	63	0.91	140	1,202
Chignik	Black Lake	0	0	47	0.91	98	808
	Chignik Lake	0	0	18	0.92	51	516
East of WASSIP		0	0	19	0.92	52	531
Total		2,035,734				2,035,552	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.
[a] Adjusted median; 1.01 times unadjusted median.

Appendix C181.–Naknek-Kvichak District, Bristol Bay Area, Central Region, 2006, temporal stratum 4. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 4 (7/14–7/17; Harvest = 1,335,678; n = 425)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	968	0.88	302	1,712
Kuskokwim Bay	Kuskokwim R.	0	0	1,496	0.87	292	1,471
	Kanektok	0	0	115	0.90	204	1,558
	Goodnews	0	0	124	0.90	162	1,171
Bristol Bay	Togiak	0	0	633	0.88	290	1,719
	Igushik	0	0	18,698	0.74	2,683	6,729
	Wood	33,555	15,593	55,433	0.00	34,050	12,205
	Nushagak	3,505	0	15,673	0.21	4,977	5,406
	Kvichak	534,422	455,522	606,932	0.00	529,641	46,061
	Alagnak	356,570	297,215	414,586	0.00	353,829	35,649
	Naknek	375,860	308,708	442,349	0.00	373,175	40,707
	Egegik	31,766	12,805	58,932	0.00	33,033	14,217
	Ugashik	0	0	16,814	0.70	2,353	6,461
North Peninsula	Cinder	0	0	112	0.90	131	967
	Meshik	0	0	43	0.91	88	752
	Ilnik	0	0	77	0.91	135	1,059
	Sandy	0	0	15	0.92	44	426
	Bear	0	0	21	0.92	53	493
	Nelson	0	0	19	0.92	53	508
	NW Dist.-BH	0	0	14	0.92	39	395
South Peninsula		0	0	471	0.89	163	948
Chignik	Black Lake	0	0	12	0.92	34	327
	Chignik Lake	0	0	12	0.92	34	332
East of WASSIP		0	0	13	0.92	38	380
Total		1,335,678				1,335,803	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.01 times unadjusted median.

Appendix C182.–Naknek-Kvichak District, Bristol Bay Area, Central Region, 2006, temporal stratum 5. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 5 (7/18–8/25; Harvest = 1,089,931; n = 351)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	13	0.92	44	451
Kuskokwim Bay	Kuskokwim R.	0	0	33	0.91	85	736
	Kanektok	0	0	19	0.92	51	480
	Goodnews	0	0	14	0.92	41	424
Bristol Bay	Togiak	0	0	12	0.92	37	388
	Igushik	0	0	709	0.88	196	1,083
	Wood	694	0	8,445	0.34	2,065	3,092
	Nushagak	1,666	0	9,872	0.20	2,839	3,510
	Kvichak	508,722	438,504	576,016	0.00	505,367	41,714
	Alagnak	396,248	336,183	455,548	0.00	394,004	36,323
	Naknek	178,209	134,539	226,145	0.00	178,091	27,968
	Egegik	0	0	664	0.82	237	1,466
	Ugashik	0	0	2,526	0.84	387	1,711
North Peninsula	Cinder	4,391	0	16,703	0.22	5,648	5,712
	Meshik	0	0	17	0.92	47	460
	Ilnik	0	0	34	0.91	76	632
	Sandy	0	0	14	0.92	44	439
	Bear	0	0	13	0.92	46	464
	Nelson	0	0	11	0.92	34	344
	NW Dist.-BH	0	0	2,934	0.82	406	1,544
South Peninsula		0	0	12	0.92	32	320
Chignik	Black Lake	0	0	13	0.92	38	364
	Chignik Lake	0	0	21	0.92	53	490
East of WASSIP		0	0	175	0.90	135	898
Total		1,089,930				1,090,003	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.01 times unadjusted median.

Appendix C183.–Naknek-Kvichak District, Bristol Bay Area, Central Region, 2006, temporal stratum 6. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 6 (7/7–7/12; Harvest = 45,975; n = 164)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	1	0.94	3	34
Kuskokwim Bay	Kuskokwim R.	0	0	17	0.92	26	169
	Kanektok	0	0	2	0.94	5	52
	Goodnews	0	0	1	0.94	4	37
Bristol Bay	Togiak	0	0	1	0.94	4	35
	Igushik	0	0	5	0.93	15	123
	Wood	6,846	4,624	9,309	0.00	6,825	1,426
	Nushagak	1,130	248	3,104	0.02	1,318	904
	Kvichak	9,329	6,584	12,187	0.00	9,257	1,701
	Alagnak	25,320	21,285	28,794	0.00	24,969	2,281
	Naknek	0	0	14	0.92	23	173
	Egegik	3,350	1,602	5,425	0.00	3,376	1,173
	Ugashik	0	0	958	0.85	115	429
North Peninsula	Cinder	0	0	1	0.94	3	32
	Meshik	0	0	1	0.94	4	43
	Ilnik	0	0	1	0.94	4	35
	Sandy	0	0	1	0.94	3	32
	Bear	0	0	1	0.94	3	29
	Nelson	0	0	1	0.94	3	30
	NW Dist.-BH	0	0	1	0.94	3	28
South Peninsula		0	0	1	0.94	3	28
Chignik	Black Lake	0	0	1	0.94	3	30
	Chignik Lake	0	0	1	0.94	3	27
East of WASSIP		0	0	1	0.94	3	32
Total		45,975				45,975	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.02 times unadjusted median.

Appendix C184.–Naknek-Kvichak District, Bristol Bay Area, Central Region, 2006, temporal stratum 7. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 7 (7/10–8/4; Harvest = 198,598; n = 190)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	5	0.93	15	157
Kuskokwim Bay	Kuskokwim R.	0	0	4	0.93	11	113
	Kanektok	0	0	4	0.93	13	135
	Goodnews	0	0	4	0.93	12	118
Bristol Bay	Togiak	0	0	4	0.93	11	114
	Igushik	0	0	2,849	0.82	354	1,197
	Wood	0	0	3,248	0.64	566	1,235
	Nushagak	0	0	106	0.90	100	657
	Kvichak	82,924	67,091	96,898	0.00	81,558	9,053
	Alagnak	57,182	44,079	69,533	0.00	56,369	7,771
	Naknek	42,974	30,314	55,679	0.00	42,474	7,726
	Egegik	15,518	7,971	24,340	0.00	15,533	5,023
	Ugashik	0	0	5,283	0.57	1,029	1,979
North Peninsula	Cinder	0	0	1,426	0.85	206	888
	Meshik	0	0	155	0.89	83	514
	Ilnik	0	0	7	0.93	20	190
	Sandy	0	0	7	0.93	18	172
	Bear	0	0	4	0.93	11	110
	Nelson	0	0	88	0.90	46	290
	NW Dist.-BH	0	0	4	0.93	12	122
South Peninsula		0	0	77	0.90	75	487
Chignik	Black Lake	0	0	14	0.92	26	208
	Chignik Lake	0	0	42	0.91	36	248
East of WASSIP		0	0	4	0.93	11	104
Total		198,598				198,589	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.02 times unadjusted median.

Appendix C185.–Naknek-Kvichak District, Bristol Bay Area, Central Region, 2007, temporal stratum 1. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 1 (6/12–6/27; Harvest = 351,509; n = 295)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	5	0.93	17	178
Kuskokwim Bay	Kuskokwim R.	0	0	25	0.91	59	601
	Kanektok	0	0	2,872	0.85	421	1,841
	Goodnews	0	0	21	0.92	55	478
Bristol Bay	Togiak	0	0	5	0.93	14	157
	Igushik	1,128	0	18,665	0.46	5,573	6,854
	Wood	27,882	14,866	40,658	0.00	27,342	7,819
	Nushagak	10,180	2,233	23,393	0.01	11,048	6,697
	Kvichak	88,065	67,434	106,136	0.00	86,016	11,824
	Alagnak	28,586	17,521	40,655	0.00	28,279	7,082
	Naknek	173,897	144,849	194,970	0.00	169,254	15,264
	Egegik	18,836	8,686	31,153	0.00	18,894	6,884
	Ugashik	2,936	0	13,575	0.36	4,243	4,820
North Peninsula	Cinder	0	0	13	0.92	37	342
	Meshik	0	0	74	0.90	81	564
	Ilnik	0	0	10	0.92	25	236
	Sandy	0	0	5	0.93	13	129
	Bear	0	0	6	0.93	18	182
	Nelson	0	0	4	0.93	13	137
	NW Dist.-BH	0	0	5	0.93	14	139
South Peninsula		0	0	8	0.93	20	193
Chignik	Black Lake	0	0	34	0.91	43	326
	Chignik Lake	0	0	71	0.90	57	383
East of WASSIP		0	0	8	0.92	20	188
Total		351,510				351,556	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.03 times unadjusted median.

Appendix C186.–Naknek-Kvichak District, Bristol Bay Area, Central Region, 2007, temporal stratum 2. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 2 (6/28–7/8; Harvest = 3,922,415; n = 397)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	658	0.90	650	4,440
Kuskokwim Bay	Kuskokwim R.	0	0	132	0.91	300	2,695
	Kanektok	0	0	67	0.92	224	2,318
	Goodnews	0	0	53	0.92	161	1,665
Bristol Bay	Togiak	0	0	96	0.91	262	2,390
	Igushik	0	0	7,543	0.86	1,255	5,900
	Wood	0	0	175	0.91	398	3,276
	Nushagak	0	0	221	0.91	355	2,757
	Kvichak	457,954	338,616	592,945	0.00	459,312	77,303
	Alagnak	389,835	281,480	514,296	0.00	391,846	71,053
	Naknek	3,006,417	2,702,803	3,303,048	0.00	2,995,872	181,984
	Egegik	68,208	0	152,814	0.11	70,402	46,972
	Ugashik	0	0	103	0.91	294	2,728
North Peninsula	Cinder	0	0	48	0.92	135	1,320
	Meshik	0	0	41	0.92	126	1,267
	Ilnik	0	0	115	0.91	304	2,681
	Sandy	0	0	41	0.92	127	1,263
	Bear	0	0	41	0.92	116	1,177
	Nelson	0	0	31	0.92	100	1,040
	NW Dist.-BH	0	0	37	0.92	102	1,044
South Peninsula		0	0	51	0.92	147	1,404
Chignik	Black Lake	0	0	35	0.92	99	971
	Chignik Lake	0	0	28	0.93	91	897
East of WASSIP		0	0	35	0.92	104	1,031
Total		3,922,414				3,922,782	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.00 times unadjusted median.

Appendix C187.–Naknek-Kvichak District, Bristol Bay Area, Central Region, 2007, temporal stratum 3. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 3 (7/9–7/12; Harvest = 2,428,294; n = 403)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	28	0.92	87	901
Kuskokwim Bay	Kuskokwim R.	0	0	54	0.91	199	2,225
	Kanektok	0	0	83,674	0.52	23,188	31,000
	Goodnews	0	0	49	0.92	149	1,452
Bristol Bay	Togiak	0	0	592	0.89	601	4,037
	Igushik	0	0	11,905	0.81	1,592	6,177
	Wood	13,436	736	45,755	0.03	16,917	14,372
	Nushagak	54,542	6,853	113,126	0.01	55,799	32,526
	Kvichak	867,085	720,041	990,673	0.00	851,494	82,615
	Alagnak	604,437	490,590	706,248	0.00	594,344	65,730
	Naknek	848,605	701,703	973,205	0.00	833,504	82,770
	Egegik	40,189	0	86,951	0.05	41,326	25,532
	Ugashik	0	0	53,288	0.76	7,197	19,065
North Peninsula	Cinder	0	0	47	0.92	121	1,132
	Meshik	0	0	223	0.90	344	2,559
	Ilnik	0	0	22	0.92	71	721
	Sandy	0	0	26	0.92	85	857
	Bear	0	0	27	0.92	78	743
	Nelson	0	0	20	0.92	62	618
	NW Dist.-BH	0	0	26	0.92	86	875
South Peninsula		0	0	1,706	0.87	397	2,107
Chignik	Black Lake	0	0	22	0.92	65	672
	Chignik Lake	0	0	20	0.92	61	610
East of WASSIP		0	0	30	0.92	96	984
Total		2,428,294				2,427,863	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.02 times unadjusted median.

Appendix C188.–Naknek-Kvichak District, Bristol Bay Area, Central Region, 2007, temporal stratum 4. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 4 (7/13–7/16; Harvest = 1,732,003; n = 399)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	22	0.92	60	582
Kuskokwim Bay	Kuskokwim R.	0	0	26	0.92	73	706
	Kanektok	0	0	42	0.91	112	1,090
	Goodnews	0	0	53	0.91	115	993
Bristol Bay	Togiak	0	0	4,107	0.83	595	2,462
	Igushik	0	0	31,545	0.69	5,109	11,230
	Wood	0	0	22,586	0.69	3,778	8,239
	Nushagak	20,059	0	53,946	0.23	21,016	18,369
	Kvichak	554,926	460,298	643,895	0.00	549,405	55,835
	Alagnak	620,343	524,752	709,123	0.00	614,100	56,292
	Naknek	526,764	431,915	617,666	0.00	521,833	56,659
	Egegik	9,910	0	45,454	0.32	14,292	16,000
	Ugashik	0	0	3,715	0.87	1,089	5,833
North Peninsula	Cinder	0	0	16	0.92	50	511
	Meshik	0	0	18	0.92	54	526
	Ilnik	0	0	15	0.92	49	490
	Sandy	0	0	16	0.92	47	471
	Bear	0	0	19	0.92	59	579
	Nelson	0	0	15	0.92	45	458
	NW Dist.-BH	0	0	17	0.92	51	526
South Peninsula		0	0	16	0.92	47	469
Chignik	Black Lake	0	0	13	0.92	45	441
	Chignik Lake	0	0	16	0.92	44	437
East of WASSIP		0	0	20	0.92	60	574
Total		1,732,002				1,732,128	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.01 times unadjusted median.

Appendix C189.–Naknek-Kvichak District, Bristol Bay Area, Central Region, 2007, temporal stratum 5. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 5 (7/17–8/21; Harvest = 588,290; n = 260)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	29	0.91	67	596
Kuskokwim Bay	Kuskokwim R.	0	0	96	0.90	191	1,426
	Kanektok	0	0	12	0.92	52	631
	Goodnews	0	0	1,075	0.87	255	1,341
Bristol Bay	Togiak	0	0	41	0.90	91	748
	Igushik	0	0	901	0.87	219	1,163
	Wood	0	0	16	0.91	43	421
	Nushagak	0	0	14,304	0.62	2,894	5,194
	Kvichak	190,585	150,874	227,194	0.00	188,032	23,236
	Alagnak	217,367	179,132	251,708	0.00	214,330	22,132
	Naknek	180,338	140,744	217,961	0.00	178,057	23,491
	Egegik	0	0	13,351	0.77	1,752	4,884
	Ugashik	0	0	1,132	0.87	357	1,907
North Peninsula	Cinder	0	0	7,258	0.74	1,040	2,884
	Meshik	0	0	17	0.91	47	449
	Ilnik	0	0	13	0.91	49	527
	Sandy	0	0	8	0.92	26	251
	Bear	0	0	2,889	0.79	403	1,411
	Nelson	0	0	11	0.92	33	327
	NW Dist.-BH	0	0	88	0.90	98	703
South Peninsula		0	0	9	0.92	25	253
Chignik	Black Lake	0	0	8	0.92	24	234
	Chignik Lake	0	0	9	0.92	27	261
East of WASSIP		0	0	72	0.90	108	810
Total		588,290				588,220	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.02 times unadjusted median.

Appendix C190.–Naknek-Kvichak District, Bristol Bay Area, Central Region, 2008, temporal stratum 1. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 1 (6/16–7/1; Harvest = 1,576,189; n = 573)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	191	0.90	257	1,750
Kuskokwim Bay	Kuskokwim R.	4,320	0	22,648	0.40	6,908	8,145
	Kanektok	0	0	654	0.89	623	3,612
	Goodnews	0	0	16	0.92	52	532
Bristol Bay	Togiak	0	0	13	0.92	44	446
	Igushik	0	0	108	0.90	161	1,207
	Wood	34,502	17,951	56,102	0.00	35,214	11,673
	Nushagak	616	0	20,721	0.44	4,732	7,469
	Kvichak	508,864	430,896	584,000	0.00	505,073	46,509
	Alagnak	131,370	95,884	170,689	0.00	131,261	22,793
	Naknek	736,095	640,854	823,933	0.00	730,008	55,779
	Egegik	160,421	118,220	206,271	0.00	160,070	26,835
	Ugashik	0	0	3,957	0.86	857	4,408
North Peninsula	Cinder	0	0	20	0.92	62	588
	Meshik	0	0	56	0.91	115	933
	Ilnik	0	0	43	0.91	90	767
	Sandy	0	0	11	0.93	33	328
	Bear	0	0	1,410	0.86	248	1,194
	Nelson	0	0	12	0.92	35	349
	NW Dist.-BH	0	0	9	0.93	30	313
South Peninsula		0	0	147	0.90	106	709
Chignik	Black Lake	0	0	11	0.93	30	310
	Chignik Lake	0	0	30	0.92	58	493
East of WASSIP		0	0	318	0.89	156	965
Total		1,576,188				1,576,223	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.01 times unadjusted median.

Appendix C191.–Naknek-Kvichak District, Bristol Bay Area, Central Region, 2008, temporal stratum 2. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 2 (7/2–7/5; Harvest = 2,649,901; n = 396)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	36	0.92	114	1,263
Kuskokwim Bay	Kuskokwim R.	0	0	93	0.91	218	1,862
	Kanektok	0	0	135	0.91	379	3,252
	Goodnews	0	0	37,560	0.69	6,134	13,559
Bristol Bay	Togiak	0	0	260	0.90	406	3,033
	Igushik	0	0	8,797	0.84	1,191	4,872
	Wood	0	0	8,028	0.80	1,243	5,385
	Nushagak	5	0	23,476	0.49	4,972	9,713
	Kvichak	667,321	535,094	798,977	0.00	662,433	80,184
	Alagnak	470,352	367,903	576,074	0.00	467,615	63,372
	Naknek	1,456,126	1,266,991	1,627,054	0.00	1,442,474	109,628
	Egegik	56,097	15,768	116,431	0.00	59,300	31,070
	Ugashik	0	0	483	0.90	650	4,766
North Peninsula	Cinder	0	0	156	0.91	219	1,684
	Meshik	0	0	49	0.92	126	1,196
	Ilnik	0	0	33	0.92	100	1,006
	Sandy	0	0	44	0.92	115	1,049
	Bear	0	0	26	0.92	75	740
	Nelson	0	0	25	0.92	75	776
	NW Dist.-BH	0	0	23	0.92	70	696
South Peninsula		0	0	11,342	0.79	1,539	4,977
Chignik	Black Lake	0	0	28	0.92	85	884
	Chignik Lake	0	0	786	0.89	342	2,094
East of WASSIP		0	0	355	0.90	290	1,967
Total		2,649,901				2,650,165	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.01 times unadjusted median.

Appendix C192.–Naknek-Kvichak District, Bristol Bay Area, Central Region, 2008, temporal stratum 3. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 3 (7/6–7/9; Harvest = 2,545,988; n = 403)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	35	0.92	97	954
Kuskokwim Bay	Kuskokwim R.	0	0	52	0.92	122	1,098
	Kanektok	0	0	734	0.89	485	3,082
	Goodnews	0	0	21,755	0.60	4,142	8,064
Bristol Bay	Togiak	0	0	11,385	0.81	1,458	5,089
	Igushik	0	0	1,960	0.88	1,034	5,679
	Wood	31,015	6,777	67,850	0.03	33,031	18,758
	Nushagak	168	0	56,657	0.48	15,436	20,586
	Kvichak	502,380	387,418	617,584	0.00	497,724	69,756
	Alagnak	367,523	282,002	455,546	0.00	364,695	52,931
	Naknek	1,500,306	1,309,024	1,662,094	0.00	1,481,111	107,362
	Egegik	144,595	88,675	211,039	0.00	145,141	37,374
	Ugashik	0	0	883	0.89	618	4,021
North Peninsula	Cinder	0	0	64	0.91	154	1,344
	Meshik	0	0	159	0.91	246	1,886
	Ilnik	0	0	41	0.92	107	1,040
	Sandy	0	0	24	0.92	73	751
	Bear	0	0	40	0.92	103	952
	Nelson	0	0	23	0.92	65	657
	NW Dist.-BH	0	0	27	0.92	81	802
South Peninsula		0	0	30	0.92	98	1,002
Chignik	Black Lake	0	0	25	0.92	67	686
	Chignik Lake	0	0	32	0.92	84	809
East of WASSIP		0	0	28	0.92	87	905
Total		2,545,987				2,546,259	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.01 times unadjusted median.

Appendix C193.–Naknek-Kvichak District, Bristol Bay Area, Central Region, 2008, temporal stratum 4. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 4 (7/10–7/14; Harvest = 1,881,391; n = 418)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	32	0.92	98	951
Kuskokwim Bay	Kuskokwim R.	0	0	17	0.92	50	509
	Kanektok	0	0	30	0.92	86	858
	Goodnews	0	0	17	0.92	53	520
Bristol Bay	Togiak	0	0	18	0.92	53	523
	Igushik	0	0	22,446	0.80	2,764	8,522
	Wood	29,080	4,213	59,551	0.03	30,065	16,682
	Nushagak	0	0	20,812	0.77	2,736	7,799
	Kvichak	253,224	185,388	326,487	0.00	252,653	43,061
	Alagnak	346,579	277,202	419,278	0.00	345,252	43,222
	Naknek	1,215,050	1,075,290	1,342,922	0.00	1,205,822	81,248
	Egegik	37,459	12,015	73,720	0.00	39,225	19,008
	Ugashik	0	0	35	0.92	109	1,098
North Peninsula	Cinder	0	0	34	0.92	96	920
	Meshik	0	0	5,937	0.85	848	3,642
	Ilnik	0	0	22	0.92	63	636
	Sandy	0	0	1,294	0.88	409	2,328
	Bear	0	0	22	0.92	66	648
	Nelson	0	0	15	0.92	49	511
	NW Dist.-BH	0	0	147	0.90	160	1,166
South Peninsula		0	0	19	0.92	60	584
Chignik	Black Lake	0	0	2,317	0.86	384	1,805
	Chignik Lake	0	0	27	0.92	75	673
East of WASSIP		0	0	19	0.92	59	573
Total		1,881,392				1,881,235	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.01 times unadjusted median.

Appendix C194.–Naknek-Kvichak District, Bristol Bay Area, Central Region, 2008, temporal stratum 5. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 5 (7/15–8/31; Harvest = 1,009,609; n = 391)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	14	0.92	41	417
Kuskokwim Bay	Kuskokwim R.	0	0	10	0.92	34	347
	Kanektok	0	0	13	0.92	43	430
	Goodnews	0	0	8,363	0.71	1,332	3,150
Bristol Bay	Togiak	349	0	9,972	0.46	2,504	3,597
	Igushik	0	0	4,076	0.86	667	3,056
	Wood	7,467	0	18,910	0.08	8,159	5,770
	Nushagak	0	0	23,868	0.65	4,585	8,569
	Kvichak	248,754	198,278	297,644	0.00	246,115	30,225
	Alagnak	383,532	325,951	435,610	0.00	378,946	33,395
	Naknek	260,665	209,682	309,110	0.00	257,763	30,269
	Egegik	62,204	31,788	111,919	0.00	65,188	24,473
	Ugashik	46,637	0	80,708	0.11	43,863	23,958
North Peninsula	Cinder	0	0	18	0.92	49	462
	Meshik	0	0	15	0.92	42	431
	Ilnik	0	0	12	0.92	34	335
	Sandy	0	0	13	0.92	36	359
	Bear	0	0	12	0.92	32	299
	Nelson	0	0	70	0.90	86	633
	NW Dist.-BH	0	0	15	0.92	37	356
South Peninsula		0	0	10	0.92	32	323
Chignik	Black Lake	0	0	8	0.92	26	255
	Chignik Lake	0	0	9	0.92	28	277
East of WASSIP		0	0	15	0.92	50	495
Total		1,009,608				1,009,692	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.01 times unadjusted median.

Appendix C195.–Naknek-Kvichak District, Bristol Bay Area, Central Region, 2008, temporal stratum 6. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 6 (6/19–7/29; Harvest = 718,766; n = 385)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	92	0.90	96	692
Kuskokwim Bay	Kuskokwim R.	0	0	1,108	0.87	233	1,177
	Kanektok	1,763	0	12,899	0.35	3,522	4,637
	Goodnews	0	0	11	0.92	32	344
Bristol Bay	Togiak	0	0	10	0.92	28	272
	Igushik	4,344	0	15,034	0.23	5,269	5,111
	Wood	0	0	2,405	0.84	336	1,400
	Nushagak	0	0	6,348	0.59	1,168	2,440
	Kvichak	349,813	302,735	392,900	0.00	346,689	27,501
	Alagnak	269,455	229,926	306,688	0.00	267,147	23,406
	Naknek	92,421	64,883	121,426	0.00	92,067	17,256
	Egegik	0	0	1,255	0.58	217	851
	Ugashik	0	0	84	0.90	119	889
North Peninsula	Cinder	0	0	9	0.92	26	266
	Meshik	0	0	9	0.92	27	264
	Ilnik	0	0	186	0.89	118	753
	Sandy	0	0	9	0.92	23	221
	Bear	0	0	8	0.92	22	222
	Nelson	0	0	6	0.92	19	197
	NW Dist.-BH	0	0	7	0.92	22	216
South Peninsula		970	0	5,321	0.16	1,571	1,862
Chignik	Black Lake	0	0	6	0.92	19	193
	Chignik Lake	0	0	5	0.92	19	191
East of WASSIP		0	0	9	0.92	27	265
Total		718,766				718,816	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.01 times unadjusted median.

Appendix C196.–Nushagak District, Bristol Bay Area, Central Region, 2006, temporal stratum 1. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 1 (6/11–6/29; Harvest = 2,577,971; n = 477)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	31	0.92	126	1,324
Kuskokwim Bay	Kuskokwim R.	0	0	70,480	0.68	10,078	24,552
	Kanektok	0	0	58	0.91	263	2,781
	Goodnews	0	0	38	0.92	112	1,175
Bristol Bay	Togiak	0	0	30	0.92	91	974
	Igushik	0	0	12,466	0.66	2,008	8,059
	Wood	2,190,868	1,983,442	2,382,342	0.00	2,177,675	121,063
	Nushagak	387,103	290,088	487,546	0.00	386,008	60,149
	Kvichak	0	0	21	0.92	69	697
	Alagnak	0	0	25	0.92	81	792
	Naknek	0	0	39	0.92	112	1,085
	Egegik	0	0	20	0.92	69	710
	Ugashik	0	0	25	0.92	70	684
North Peninsula	Cinder	0	0	29	0.92	86	824
	Meshik	0	0	32	0.92	87	851
	Ilnik	0	0	29	0.92	88	872
	Sandy	0	0	19	0.92	58	579
	Bear	0	0	19	0.92	58	572
	Nelson	0	0	20	0.92	54	533
	NW Dist.-BH	0	0	25	0.92	68	672
South Peninsula		0	0	22	0.93	60	609
Chignik	Black Lake	0	0	18	0.93	53	517
	Chignik Lake	0	0	18	0.92	54	542
East of WASSIP		0	0	24	0.92	85	848
Total		2,577,971				2,577,513	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.01 times unadjusted median.

Appendix C197.–Nushagak District, Bristol Bay Area, Central Region, 2006, temporal stratum 2. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 2 (6/30–7/5; Harvest = 3,635,772; n = 396)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	66	0.92	212	2,329
Kuskokwim Bay	Kuskokwim R.	60,168	0	223,380	0.08	78,752	68,645
	Kanektok	0	0	499	0.90	1,039	7,958
	Goodnews	367	0	117,773	0.47	31,288	42,367
Bristol Bay	Togiak	0	0	615	0.90	950	6,677
	Igushik	0	0	78,930	0.82	9,331	33,631
	Wood	2,711,917	2,387,542	2,948,136	0.00	2,661,617	170,105
	Nushagak	863,321	652,938	1,051,160	0.00	848,522	121,285
	Kvichak	0	0	45	0.92	143	1,430
	Alagnak	0	0	11,935	0.82	1,666	6,458
	Naknek	0	0	54	0.92	150	1,431
	Egegik	0	0	37	0.92	114	1,164
	Ugashik	0	0	60	0.92	177	1,691
North Peninsula	Cinder	0	0	78	0.91	205	1,872
	Meshik	0	0	37	0.92	116	1,154
	Ilnik	0	0	39	0.92	120	1,207
	Sandy	0	0	56	0.92	155	1,495
	Bear	0	0	36	0.92	99	989
	Nelson	0	0	31	0.92	96	927
	NW Dist.-BH	0	0	37	0.92	97	951
South Peninsula		0	0	4,325	0.88	1,467	7,705
Chignik	Black Lake	0	0	36	0.92	104	1,033
	Chignik Lake	0	0	37	0.92	108	1,080
East of WASSIP		0	0	37	0.92	120	1,240
Total		3,635,773				3,636,648	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.02 times unadjusted median.

Appendix C198.–Nushagak District, Bristol Bay Area, Central Region, 2006, temporal stratum 3. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 3 (7/6–7/10; Harvest = 2,689,416; n = 452)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	27	0.92	78	782
Kuskokwim Bay	Kuskokwim R.	145,458	68,919	239,697	0.00	148,101	52,009
	Kanektok	0	0	45	0.92	131	1,367
	Goodnews	0	0	42	0.92	125	1,221
Bristol Bay	Togiak	0	0	485	0.90	462	3,026
	Igushik	172,267	69,240	285,827	0.02	173,367	66,931
	Wood	1,903,232	1,693,370	2,109,395	0.00	1,895,336	126,642
	Nushagak	464,088	345,881	590,820	0.00	463,872	74,561
	Kvichak	4,371	0	21,127	0.09	6,587	7,260
	Alagnak	0	0	458	0.90	301	1,984
	Naknek	0	0	21	0.92	73	727
	Egegik	0	0	1,289	0.88	365	2,036
	Ugashik	0	0	168	0.91	208	1,571
North Peninsula	Cinder	0	0	31	0.92	87	842
	Meshik	0	0	29	0.92	80	782
	Ilnik	0	0	23	0.92	62	613
	Sandy	0	0	20	0.92	66	650
	Bear	0	0	21	0.92	61	594
	Nelson	0	0	23	0.92	62	626
	NW Dist.-BH	0	0	25	0.92	78	768
South Peninsula		0	0	41	0.92	103	990
Chignik	Black Lake	0	0	22	0.92	62	605
	Chignik Lake	0	0	24	0.92	68	680
East of WASSIP		0	0	20	0.92	64	632
Total		2,689,416				2,689,799	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.01 times unadjusted median.

Appendix C199.–Nushagak District, Bristol Bay Area, Central Region, 2006, temporal stratum 4. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 4 (7/11–7/15; Harvest = 1,322,670; n = 385)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	37	0.91	125	1,206
Kuskokwim Bay	Kuskokwim R.	54,635	0	102,080	0.09	52,091	31,444
	Kanektok	0	0	8,915	0.69	1,410	3,648
	Goodnews	0	0	165	0.90	175	1,299
Bristol Bay	Togiak	0	0	1,539	0.87	314	1,596
	Igushik	33	0	64,703	0.41	12,492	23,067
	Wood	1,046,656	928,995	1,141,010	0.00	1,033,272	64,631
	Nushagak	221,346	156,461	295,518	0.00	221,174	42,370
	Kvichak	0	0	1,980	0.86	377	1,868
	Alagnak	0	0	18	0.92	47	439
	Naknek	0	0	65	0.91	113	918
	Egegik	0	0	37	0.91	79	686
	Ugashik	0	0	27	0.92	69	625
North Peninsula	Cinder	0	0	18	0.92	45	437
	Meshik	0	0	13	0.92	42	425
	Ilnik	0	0	22	0.92	61	571
	Sandy	0	0	16	0.92	45	460
	Bear	0	0	12	0.92	36	351
	Nelson	0	0	10	0.92	34	344
	NW Dist.-BH	0	0	12	0.92	36	346
South Peninsula		0	0	16	0.92	41	395
Chignik	Black Lake	0	0	12	0.92	36	364
	Chignik Lake	0	0	375	0.89	163	998
East of WASSIP		0	0	33	0.91	81	706
Total		1,322,670				1,322,358	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.01 times unadjusted median.

Appendix C200.–Nushagak District, Bristol Bay Area, Central Region, 2006, temporal stratum 5. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 5 (7/16–8/20; Harvest = 472,266; n = 397)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	7	0.93	19	200
Kuskokwim Bay	Kuskokwim R.	0	0	407	0.78	131	860
	Kanektok	741	0	6,850	0.42	1,859	2,468
	Goodnews	3,139	0	11,542	0.35	3,863	4,093
Bristol Bay	Togiak	0	0	7,184	0.56	1,645	2,622
	Igushik	18,823	0	39,065	0.15	18,434	12,301
	Wood	350,670	311,065	386,238	0.00	347,599	22,806
	Nushagak	98,894	78,080	120,600	0.00	98,414	12,939
	Kvichak	0	0	13	0.92	26	217
	Alagnak	0	0	6	0.93	16	151
	Naknek	0	0	4	0.93	14	133
	Egegik	0	0	7	0.93	19	183
	Ugashik	0	0	5	0.93	14	141
North Peninsula	Cinder	0	0	5	0.93	15	145
	Meshik	0	0	7	0.93	20	197
	Ilnik	0	0	5	0.93	16	152
	Sandy	0	0	8	0.93	21	191
	Bear	0	0	5	0.93	14	136
	Nelson	0	0	4	0.93	12	124
	NW Dist.-BH	0	0	4	0.93	12	115
South Peninsula		0	0	4	0.93	13	129
Chignik	Black Lake	0	0	5	0.93	14	137
	Chignik Lake	0	0	5	0.93	13	125
East of WASSIP		0	0	4	0.93	13	126
Total		472,267				472,216	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.01 times unadjusted median.

Appendix C201.–Nushagak District, Bristol Bay Area, Central Region, 2006, temporal stratum 6. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 6 (6/22–7/25; Harvest = 178,262; n = 190)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	3	0.93	11	116
Kuskokwim Bay	Kuskokwim R.	0	0	1,802	0.87	246	1,082
	Kanektok	0	0	108	0.90	51	314
	Goodnews	0	0	29	0.91	44	333
Bristol Bay	Togiak	0	0	5	0.93	15	149
	Igushik	175,485	158,492	189,050	0.00	173,520	9,327
	Wood	155	0	6,494	0.14	1,261	2,567
	Nushagak	2,623	0	6,971	0.09	2,919	2,176
	Kvichak	0	0	3	0.93	10	103
	Alagnak	0	0	4	0.93	11	106
	Naknek	0	0	3	0.93	9	95
	Egegik	0	0	3	0.93	10	94
	Ugashik	0	0	4	0.93	11	110
North Peninsula	Cinder	0	0	4	0.93	11	103
	Meshik	0	0	3	0.93	10	95
	Ilnik	0	0	4	0.93	11	105
	Sandy	0	0	3	0.93	9	94
	Bear	0	0	3	0.93	10	96
	Nelson	0	0	3	0.93	9	96
	NW Dist.-BH	0	0	4	0.93	10	99
South Peninsula		0	0	4	0.93	12	117
Chignik	Black Lake	0	0	3	0.93	10	95
	Chignik Lake	0	0	3	0.93	10	102
East of WASSIP		0	0	4	0.93	11	111
Total		178,263				178,231	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.01 times unadjusted median.

Appendix C202.–Nushagak District, Bristol Bay Area, Central Region, 2007, temporal stratum 1. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 1 (6/9–6/28; Harvest = 1,498,165; n = 467)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	16	0.92	48	517
Kuskokwim Bay	Kuskokwim R.	3,178	214	30,093	0.00	7,338	12,404
	Kanektok	0	0	632	0.85	318	2,427
	Goodnews	0	0	37	0.92	130	1,162
Bristol Bay	Togiak	0	0	274	0.87	165	1,189
	Igushik	64,345	29,024	109,302	0.00	65,812	24,639
	Wood	1,128,711	1,007,998	1,242,009	0.00	1,122,370	71,166
	Nushagak	301,931	232,214	374,367	0.00	301,060	43,431
	Kvichak	0	0	299	0.89	184	1,192
	Alagnak	0	0	63	0.91	130	1,071
	Naknek	0	0	28	0.92	71	622
	Egegik	0	0	58	0.91	86	673
	Ugashik	0	0	46	0.91	76	622
North Peninsula	Cinder	0	0	44	0.91	84	692
	Meshik	0	0	30	0.92	71	641
	Ilnik	0	0	143	0.90	144	1,038
	Sandy	0	0	39	0.91	86	755
	Bear	0	0	14	0.92	41	417
	Nelson	0	0	12	0.92	33	312
	NW Dist.-BH	0	0	11	0.92	32	311
South Peninsula		0	0	11	0.93	36	359
Chignik	Black Lake	0	0	11	0.93	34	347
	Chignik Lake	0	0	11	0.92	33	337
East of WASSIP		0	0	11	0.92	33	328
Total		1,498,165				1,498,415	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.01 times unadjusted median.

Appendix C203.–Nushagak District, Bristol Bay Area, Central Region, 2007, temporal stratum 2. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 2 (6/29–7/2; Harvest = 1,875,216; n = 412)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	20	0.92	70	733
Kuskokwim Bay	Kuskokwim R.	3,374	246	14,604	0.00	4,917	5,889
	Kanektok	0	0	98,809	0.51	26,393	36,061
	Goodnews	0	0	792	0.89	398	2,443
Bristol Bay	Togiak	0	0	117	0.91	214	1,688
	Igushik	29	0	123,299	0.44	28,412	44,351
	Wood	1,512,357	1,302,945	1,620,020	0.00	1,460,451	96,499
	Nushagak	344,450	247,373	425,100	0.00	333,862	54,018
	Kvichak	0	0	9,272	0.78	1,266	3,816
	Alagnak	0	0	11,024	0.69	1,732	4,333
	Naknek	15,006	0	37,463	0.09	16,005	11,569
	Egegik	0	0	2,981	0.85	471	2,139
	Ugashik	0	0	158	0.90	168	1,207
North Peninsula	Cinder	0	0	20	0.92	64	632
	Meshik	0	0	20	0.92	57	581
	Ilnik	0	0	18	0.92	56	576
	Sandy	0	0	16	0.92	46	473
	Bear	0	0	19	0.92	54	534
	Nelson	0	0	15	0.92	46	473
	NW Dist.-BH	0	0	20	0.92	59	583
South Peninsula		0	0	25	0.92	79	807
Chignik	Black Lake	0	0	13	0.93	46	466
	Chignik Lake	0	0	17	0.92	48	465
East of WASSIP		0	0	16	0.92	49	495
Total		1,875,216				1,874,963	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.04 times unadjusted median.

Appendix C204.–Nushagak District, Bristol Bay Area, Central Region, 2007, temporal stratum 3. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 3 (7/3–7/7; Harvest = 2,570,751; n = 398)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	44	0.92	154	1,674
Kuskokwim Bay	Kuskokwim R.	0	0	23,739	0.86	4,372	20,651
	Kanektok	0	0	329	0.89	790	6,329
	Goodnews	0	0	14,776	0.82	1,978	7,569
Bristol Bay	Togiak	0	0	13,335	0.81	1,740	6,188
	Igushik	0	0	66,530	0.79	7,788	25,506
	Wood	1,912,772	1,709,849	2,096,400	0.00	1,899,045	117,715
	Nushagak	657,979	533,118	781,087	0.00	654,042	75,587
	Kvichak	0	0	80	0.91	174	1,483
	Alagnak	0	0	48	0.92	122	1,143
	Naknek	0	0	46	0.92	122	1,165
	Egegik	0	0	26	0.92	78	801
	Ugashik	0	0	27	0.92	83	836
North Peninsula	Cinder	0	0	27	0.92	78	749
	Meshik	0	0	27	0.92	75	743
	Ilnik	0	0	61	0.91	155	1,364
	Sandy	0	0	25	0.92	70	685
	Bear	0	0	24	0.92	74	743
	Nelson	0	0	33	0.92	91	873
	NW Dist.-BH	0	0	24	0.92	69	698
South Peninsula		0	0	25	0.92	75	737
Chignik	Black Lake	0	0	30	0.92	84	846
	Chignik Lake	0	0	23	0.92	69	690
East of WASSIP		0	0	32	0.92	94	887
Total		2,570,751				2,571,422	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.01 times unadjusted median.

Appendix C205.–Nushagak District, Bristol Bay Area, Central Region, 2007, temporal stratum 4. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 4 (7/8–7/12; Harvest = 1,830,266; n = 396)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	24,270	0.78	3,219	9,413
Kuskokwim Bay	Kuskokwim R.	0	0	30	0.92	139	1,744
	Kanektok	0	0	1,247	0.88	582	3,975
	Goodnews	27,388	0	62,375	0.10	28,701	18,911
Bristol Bay	Togiak	0	0	13,230	0.80	1,884	6,877
	Igushik	113,971	0	215,795	0.07	112,517	62,774
	Wood	1,232,279	1,073,705	1,387,186	0.00	1,225,370	95,617
	Nushagak	456,629	364,192	550,107	0.00	454,727	56,619
	Kvichak	0	0	20	0.92	61	623
	Alagnak	0	0	176	0.90	251	1,861
	Naknek	0	0	21	0.92	59	598
	Egegik	0	0	21	0.92	62	576
	Ugashik	0	0	8,727	0.82	1,131	4,162
North Peninsula	Cinder	0	0	64	0.91	145	1,232
	Meshik	0	0	1,047	0.88	318	1,822
	Ilnik	0	0	151	0.90	263	1,969
	Sandy	0	0	21	0.92	62	591
	Bear	0	0	20	0.92	51	510
	Nelson	0	0	15	0.92	46	472
	NW Dist.-BH	0	0	46	0.91	105	924
South Peninsula		0	0	31	0.92	97	950
Chignik	Black Lake	0	0	16	0.92	48	472
	Chignik Lake	0	0	17	0.92	48	485
East of WASSIP		0	0	58	0.91	123	1,029
Total		1,830,267				1,830,009	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.01 times unadjusted median.

Appendix C206.–Nushagak District, Bristol Bay Area, Central Region, 2007, temporal stratum 5. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 5 (7/13–8/31; Harvest = 629,713; n = 399)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	8	0.92	23	253
Kuskokwim Bay	Kuskokwim R.	0	0	16	0.91	75	826
	Kanektok	41,190	3,104	66,454	0.00	38,931	18,234
	Goodnews	22	0	26,073	0.47	4,011	8,797
Bristol Bay	Togiak	41,457	27,291	57,098	0.00	41,343	9,171
	Igushik	60,165	30,178	102,810	0.00	62,017	22,371
	Wood	336,730	280,585	383,749	0.00	332,089	31,284
	Nushagak	115,163	85,140	147,224	0.00	114,563	18,957
	Kvichak	0	0	30	0.91	65	544
	Alagnak	0	0	4,467	0.70	696	1,724
	Naknek	0	0	64	0.90	75	545
	Egegik	0	0	7,317	0.82	903	3,413
	Ugashik	34,985	21,641	49,671	0.00	34,934	8,573
North Peninsula	Cinder	0	0	7	0.92	23	224
	Meshik	0	0	6	0.92	20	202
	Ilnik	0	0	21	0.91	45	385
	Sandy	0	0	8	0.92	24	231
	Bear	0	0	8	0.92	24	248
	Nelson	0	0	6	0.92	16	155
	NW Dist.-BH	0	0	6	0.92	18	172
South Peninsula		0	0	6	0.92	20	198
Chignik	Black Lake	0	0	6	0.92	18	182
	Chignik Lake	0	0	7	0.92	21	201
East of WASSIP		0	0	5	0.92	17	167
Total		629,712				629,971	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.01 times unadjusted median.

Appendix C207.–Nushagak District, Bristol Bay Area, Central Region, 2008, temporal stratum 1. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 1 (6/9–7/1; Harvest = 1,908,168; n = 426)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	32	0.92	102	1,025
Kuskokwim Bay	Kuskokwim R.	0	0	37	0.92	282	3,159
	Kanektok	0	0	11,709	0.84	1,966	8,677
	Goodnews	0	0	9,104	0.85	1,337	5,897
Bristol Bay	Togiak	0	0	26	0.92	88	911
	Igushik	1,680	0	96,896	0.22	21,890	34,260
	Wood	1,350,948	1,180,105	1,491,033	0.00	1,332,589	94,451
	Nushagak	555,540	441,048	662,278	0.00	548,874	67,249
	Kvichak	0	0	16	0.92	49	484
	Alagnak	0	0	19	0.92	59	600
	Naknek	0	0	19	0.92	54	525
	Egegik	0	0	15	0.92	46	477
	Ugashik	0	0	17	0.92	50	503
North Peninsula	Cinder	0	0	21	0.92	60	591
	Meshik	0	0	25	0.92	65	618
	Ilnik	0	0	16	0.92	51	500
	Sandy	0	0	16	0.92	50	503
	Bear	0	0	15	0.92	47	470
	Nelson	0	0	16	0.92	45	452
	NW Dist.-BH	0	0	19	0.92	55	548
South Peninsula		0	0	21	0.92	56	549
Chignik	Black Lake	0	0	16	0.92	51	517
	Chignik Lake	0	0	15	0.92	46	476
East of WASSIP		0	0	19	0.92	63	636
Total		1,908,168				1,907,975	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.
[a] Adjusted median; 1.02 times unadjusted median.

Appendix C208.–Nushagak District, Bristol Bay Area, Central Region, 2008, temporal stratum 2. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 2 (7/2–7/3; Harvest = 1,252,366; n = 181)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	1,530	0.88	606	3,472
Kuskokwim Bay	Kuskokwim R.	0	0	2,882	0.87	831	4,566
	Kanektok	0	0	60	0.91	155	1,438
	Goodnews	0	0	24,996	0.66	4,288	9,300
Bristol Bay	Togiak	0	0	2,896	0.87	825	4,446
	Igushik	0	0	45,899	0.82	5,326	18,636
	Wood	1,077,354	948,179	1,177,571	0.00	1,062,201	69,872
	Nushagak	175,012	111,700	251,310	0.00	175,867	42,698
	Kvichak	0	0	73	0.91	184	1,637
	Alagnak	0	0	45	0.91	126	1,192
	Naknek	0	0	67	0.91	155	1,353
	Egegik	0	0	39	0.91	107	1,037
	Ugashik	0	0	57	0.91	140	1,241
North Peninsula	Cinder	0	0	29	0.91	90	888
	Meshik	0	0	30	0.91	94	934
	Ilnik	0	0	24	0.92	75	749
	Sandy	0	0	26	0.91	78	794
	Bear	0	0	26	0.92	77	801
	Nelson	0	0	3,468	0.85	579	2,690
	NW Dist.-BH	0	0	29	0.92	86	850
South Peninsula		0	0	29	0.91	89	894
Chignik	Black Lake	0	0	28	0.91	74	722
	Chignik Lake	0	0	28	0.92	81	818
East of WASSIP		0	0	98	0.90	231	1,909
Total		1,252,366				1,252,365	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.01 times unadjusted median.

Appendix C209.–Nushagak District, Bristol Bay Area, Central Region, 2008, temporal stratum 3. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 3 (7/4–7/6; Harvest = 1,097,706; n = 277)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	113	0.90	341	2,728
Kuskokwim Bay	Kuskokwim R.	0	0	12,977	0.86	2,093	9,505
	Kanektok	0	0	475	0.89	310	2,160
	Goodnews	0	0	28	0.91	82	826
Bristol Bay	Togiak	0	0	65	0.91	131	1,099
	Igushik	153,901	81,286	226,689	0.00	152,632	44,118
	Wood	702,907	600,000	791,135	0.00	693,488	58,043
	Nushagak	228,792	165,329	293,343	0.00	226,765	38,902
	Kvichak	3,656	257	20,038	0.00	5,926	6,946
	Alagnak	0	0	53	0.91	122	1,047
	Naknek	0	0	40	0.91	99	858
	Egegik	0	0	23,290	0.64	4,414	8,408
	Ugashik	8,450	0	32,344	0.36	10,674	11,560
North Peninsula	Cinder	0	0	17	0.92	54	537
	Meshik	0	0	19	0.92	61	600
	Ilnik	0	0	16	0.92	50	499
	Sandy	0	0	14	0.92	40	408
	Bear	0	0	15	0.92	52	539
	Nelson	0	0	811	0.88	223	1,239
	NW Dist.-BH	0	0	15	0.92	46	467
South Peninsula		0	0	17	0.92	52	511
Chignik	Black Lake	0	0	14	0.92	41	409
	Chignik Lake	0	0	15	0.92	40	396
East of WASSIP		0	0	13	0.92	42	419
Total		1,097,706				1,097,778	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.02 times unadjusted median.

Appendix C210.–Nushagak District, Bristol Bay Area, Central Region, 2008, temporal stratum 4. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 4 (7/7–7/9; Harvest = 1,366,658; n = 396)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	18	0.92	57	567
Kuskokwim Bay	Kuskokwim R.	0	0	1,649	0.88	623	3,656
	Kanektok	0	0	17	0.92	51	514
	Goodnews	0	0	562	0.89	362	2,262
Bristol Bay	Togiak	0	0	25	0.92	72	681
	Igushik	585	0	64,693	0.23	12,864	22,828
	Wood	1,121,185	996,624	1,223,528	0.00	1,108,272	69,058
	Nushagak	244,888	183,701	308,883	0.00	243,420	38,058
	Kvichak	0	0	13	0.92	40	394
	Alagnak	0	0	13	0.92	42	434
	Naknek	0	0	22	0.92	65	635
	Egegik	0	0	12	0.92	37	361
	Ugashik	0	0	11	0.92	34	340
North Peninsula	Cinder	0	0	11	0.92	37	364
	Meshik	0	0	11	0.92	34	352
	Ilnik	0	0	12	0.92	38	382
	Sandy	0	0	15	0.92	42	420
	Bear	0	0	14	0.92	40	402
	Nelson	0	0	12	0.92	35	340
	NW Dist.-BH	0	0	11	0.92	34	332
South Peninsula		0	0	13	0.92	37	375
Chignik	Black Lake	0	0	11	0.92	35	368
	Chignik Lake	0	0	11	0.92	37	387
East of WASSIP		0	0	13	0.92	37	367
Total		1,366,658				1,366,345	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.01 times unadjusted median.

Appendix C211.–Nushagak District, Bristol Bay Area, Central Region, 2008, temporal stratum 5. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 5 (7/10–8/31; Harvest = 1,278,258; n = 592)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	12	0.92	42	436
Kuskokwim Bay	Kuskokwim R.	0	0	24,503	0.52	5,130	8,729
	Kanektok	7,307	0	22,088	0.24	8,201	7,535
	Goodnews	11,112	0	39,131	0.37	13,265	14,096
Bristol Bay	Togiak	23,284	4,811	40,262	0.02	23,242	10,188
	Igushik	277,127	203,125	353,084	0.00	275,620	45,630
	Wood	790,537	686,285	886,014	0.00	783,668	60,713
	Nushagak	168,891	125,896	214,810	0.00	168,364	27,056
	Kvichak	0	0	319	0.89	124	737
	Alagnak	0	0	15	0.92	43	402
	Naknek	0	0	15	0.92	41	394
	Egegik	0	0	61	0.91	71	525
	Ugashik	0	0	16	0.92	40	359
North Peninsula	Cinder	0	0	20	0.92	46	395
	Meshik	0	0	20	0.92	49	437
	Ilnik	0	0	34	0.91	61	507
	Sandy	0	0	14	0.92	35	326
	Bear	0	0	15	0.92	37	340
	Nelson	0	0	8	0.93	23	218
	NW Dist.-BH	0	0	10	0.92	28	286
South Peninsula		0	0	10	0.92	29	279
Chignik	Black Lake	0	0	8	0.93	26	256
	Chignik Lake	0	0	12	0.92	34	326
East of WASSIP		0	0	9	0.93	27	273
Total		1,278,258				1,278,246	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.
[a] Adjusted median; 1.01 times unadjusted median.

Appendix C212.–Togiak District, Bristol Bay Area, Central Region, 2006, temporal stratum 1. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 1 (6/19–7/2; Harvest = 46,650; n = 149)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	2	0.94	6	55
Kuskokwim Bay	Kuskokwim R.	0	0	1	0.94	3	34
	Kanektok	0	0	2	0.94	11	124
	Goodnews	18,611	12,621	25,298	0.00	18,664	3,846
Bristol Bay	Togiak	28,039	21,178	34,240	0.00	27,798	3,974
	Igushik	0	0	5	0.93	10	84
	Wood	0	0	3	0.93	7	61
	Nushagak	0	0	78	0.90	31	181
	Kvichak	0	0	31	0.91	14	86
	Alagnak	0	0	2	0.94	5	51
	Naknek	0	0	2	0.94	5	48
	Egegik	0	0	7	0.93	11	87
	Ugashik	0	0	2	0.94	5	44
North Peninsula	Cinder	0	0	244	0.85	35	146
	Meshik	0	0	1	0.94	4	38
	Ilnik	0	0	1	0.94	4	38
	Sandy	0	0	2	0.94	5	45
	Bear	0	0	1	0.94	3	32
	Nelson	0	0	1	0.94	3	32
	NW Dist.-BH	0	0	1	0.94	4	35
South Peninsula		0	0	1	0.94	3	32
Chignik	Black Lake	0	0	1	0.94	3	33
	Chignik Lake	0	0	1	0.94	3	31
East of WASSIP		0	0	1	0.94	3	32
Total		46,650				46,640	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.01 times unadjusted median.

Appendix C213.–Togiak District, Bristol Bay Area, Central Region, 2006, temporal stratum 2. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 2 (7/3–7/10; Harvest = 127,445; n = 222)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	3	0.93	10	101
Kuskokwim Bay	Kuskokwim R.	0	0	5,876	0.66	1,116	2,096
	Kanektok	1,870	0	4,793	0.14	1,993	1,548
	Goodnews	66,589	34,134	86,766	0.00	62,942	16,303
Bristol Bay	Togiak	50,174	29,847	80,824	0.00	51,819	15,949
	Igushik	0	0	4	0.93	12	116
	Wood	7,036	3,739	11,182	0.00	7,096	2,283
	Nushagak	1,776	0	7,031	0.32	2,298	2,442
	Kvichak	0	0	3	0.93	11	107
	Alagnak	0	0	5	0.93	12	109
	Naknek	0	0	3	0.93	9	87
	Egegik	0	0	3	0.93	9	89
	Ugashik	0	0	3	0.93	8	80
North Peninsula	Cinder	0	0	49	0.91	31	200
	Meshik	0	0	4	0.93	12	123
	Ilnik	0	0	2	0.94	6	58
	Sandy	0	0	4	0.93	11	104
	Bear	0	0	4	0.93	9	93
	Nelson	0	0	2	0.94	5	54
	NW Dist.-BH	0	0	2	0.94	7	67
South Peninsula		0	0	2	0.94	8	79
Chignik	Black Lake	0	0	2	0.94	6	64
	Chignik Lake	0	0	2	0.94	7	66
East of WASSIP		0	0	3	0.93	7	65
Total		127,445				127,444	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.02 times unadjusted median.

Appendix C214.–Togiak District, Bristol Bay Area, Central Region, 2006, temporal stratum 3. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 3 (7/11–7/16; Harvest = 116,860; n = 0[b])					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	56	0.87	20	115
Kuskokwim Bay	Kuskokwim R.	0	0	10	0.90	4	32
	Kanektok	0	0	97	0.85	19	99
	Goodnews	19,344	13,458	26,769	0.00	19,536	4,061
Bristol Bay	Togiak	97,337	86,603	107,119	0.00	96,794	6,223
	Igushik	0	0	358	0.69	56	146
	Wood	179	0	798	0.16	256	273
	Nushagak	0	0	20	0.88	8	53
	Kvichak	0	0	9	0.90	4	29
	Alagnak	0	0	9	0.90	4	27
	Naknek	0	0	10	0.90	4	32
	Egegik	0	0	13	0.89	5	35
	Ugashik	0	0	12	0.89	5	34
North Peninsula	Cinder	0	0	71	0.86	15	79
	Meshik	0	0	15	0.89	6	43
	Ilnik	0	0	12	0.89	6	45
	Sandy	0	0	9	0.90	4	27
	Bear	0	0	8	0.90	4	28
	Nelson	0	0	8	0.90	4	25
	NW Dist.-BH	0	0	249	0.82	35	139
South Peninsula		0	0	395	0.76	54	164
Chignik	Black Lake	0	0	9	0.90	4	27
	Chignik Lake	0	0	28	0.88	10	62
East of WASSIP		0	0	11	0.89	5	33
Total		116,860				116,862	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.01 times unadjusted median.

[b] No samples collected. Average stock composition estimate of temporal stratum 3, 2007 and 2008,Togiak District used as proxy.

Appendix C215.–Togiak District, Bristol Bay Area, Central Region, 2006, temporal stratum 4. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 4 (7/17–7/21; Harvest = 151,250; n = 0[b])					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	27	0.88	9	59
Kuskokwim Bay	Kuskokwim R.	0	0	396	0.60	72	155
	Kanektok	0	0	521	0.82	74	301
	Goodnews	39,443	28,673	51,466	0.00	39,523	6,947
Bristol Bay	Togiak	111,471	96,831	125,261	0.00	110,895	8,661
	Igushik	0	0	322	0.80	45	169
	Wood	320	15	1,036	0.03	394	329
	Nushagak	16	0	532	0.44	120	201
	Kvichak	0	0	33	0.87	11	68
	Alagnak	0	0	20	0.88	7	47
	Naknek	0	0	11	0.90	4	30
	Egegik	0	0	17	0.89	7	48
	Ugashik	0	0	17	0.89	7	45
North Peninsula	Cinder	0	0	210	0.81	30	117
	Meshik	0	0	38	0.87	11	62
	Ilnik	0	0	15	0.89	7	50
	Sandy	0	0	32	0.87	9	53
	Bear	0	0	15	0.89	6	43
	Nelson	0	0	10	0.89	4	32
	NW Dist.-BH	0	0	10	0.90	4	32
South Peninsula		0	0	10	0.90	4	30
Chignik	Black Lake	0	0	10	0.89	5	32
	Chignik Lake	0	0	108	0.84	19	85
East of WASSIP		0	0	13	0.89	6	38
Total		151,250				151,273	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.01 times unadjusted median.

[b] No samples collected. Average stock composition estimate of temporal stratum 4, 2007 and 2008,Togiak District used as proxy.

Appendix C216.–Togiak District, Bristol Bay Area, Central Region, 2006, temporal stratum 5. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 5 (7/22–8/9; Harvest = 184,237; n = 260)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	3	0.93	8	78
Kuskokwim Bay	Kuskokwim R.	0	0	878	0.81	121	424
	Kanektok	0	0	68	0.90	92	609
	Goodnews	16,602	2	41,119	0.04	17,139	13,736
Bristol Bay	Togiak	167,513	137,634	189,615	0.00	164,627	16,013
	Igushik	0	0	3,863	0.58	775	1,404
	Wood	122	0	2,003	0.40	474	746
	Nushagak	0	0	2,033	0.70	328	783
	Kvichak	0	0	820	0.84	113	439
	Alagnak	0	0	4	0.93	11	99
	Naknek	0	0	1,983	0.52	410	736
	Egegik	0	0	3	0.93	8	84
	Ugashik	0	0	3	0.93	8	77
North Peninsula	Cinder	0	0	3	0.93	9	89
	Meshik	0	0	3	0.93	8	87
	Ilnik	0	0	3	0.93	8	83
	Sandy	0	0	17	0.92	22	166
	Bear	0	0	3	0.93	8	80
	Nelson	0	0	2	0.94	7	69
	NW Dist.-BH	0	0	2	0.93	7	69
South Peninsula		0	0	2	0.93	8	78
Chignik	Black Lake	0	0	6	0.93	14	121
	Chignik Lake	0	0	8	0.92	16	129
East of WASSIP		0	0	2	0.93	8	76
Total		184,237				184,229	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.01 times unadjusted median.

Appendix C217.–Togiak District, Bristol Bay Area, Central Region, 2007, temporal stratum 1. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 1 (6/18–7/6; Harvest = 126,126; n = 394)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	6	0.93	9	69
Kuskokwim Bay	Kuskokwim R.	0	0	4	0.93	12	115
	Kanektok	0	0	4	0.93	10	106
	Goodnews	78,848	63,908	92,754	0.00	78,232	9,281
Bristol Bay	Togiak	46,853	33,967	60,847	0.00	47,050	8,727
	Igushik	0	0	743	0.85	97	380
	Wood	0	0	296	0.84	42	166
	Nushagak	424	0	1,972	0.33	609	694
	Kvichak	0	0	1	0.94	3	32
	Alagnak	0	0	1	0.94	3	33
	Naknek	0	0	1	0.94	3	33
	Egegik	0	0	1	0.94	4	38
	Ugashik	0	0	1	0.94	3	34
North Peninsula	Cinder	0	0	1	0.94	4	38
	Meshik	0	0	1	0.94	4	40
	Ilnik	0	0	1	0.94	3	34
	Sandy	0	0	1	0.94	4	37
	Bear	0	0	1	0.94	3	34
	Nelson	0	0	1	0.94	3	32
	NW Dist.-BH	0	0	1	0.94	3	35
South Peninsula		0	0	1	0.94	4	37
Chignik	Black Lake	0	0	1	0.94	3	32
	Chignik Lake	0	0	1	0.94	3	34
East of WASSIP		0	0	2	0.94	6	52
Total		126,125				126,117	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.01 times unadjusted median.

Appendix C218.–Togiak District, Bristol Bay Area, Central Region, 2007, temporal stratum 2. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 2 (7/7–7/10; Harvest = 73,697; n = 398)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	1	0.94	3	25
Kuskokwim Bay	Kuskokwim R.	0	0	1	0.94	3	32
	Kanektok	386	0	1,305	0.05	487	435
	Goodnews	28,397	19,288	41,270	0.00	28,926	6,568
Bristol Bay	Togiak	44,783	31,688	54,382	0.00	44,004	6,749
	Igushik	0	0	1	0.95	2	22
	Wood	0	0	57	0.77	11	52
	Nushagak	0	0	9	0.91	7	52
	Kvichak	130	10	558	0.00	186	186
	Alagnak	0	0	1	0.94	2	24
	Naknek	0	0	1	0.95	2	20
	Egegik	0	0	204	0.86	29	124
	Ugashik	0	0	1	0.94	4	33
North Peninsula	Cinder	0	0	1	0.94	3	28
	Meshik	0	0	2	0.94	5	43
	Ilnik	0	0	1	0.94	3	27
	Sandy	0	0	1	0.94	3	25
	Bear	0	0	1	0.95	2	22
	Nelson	0	0	1	0.95	2	20
	NW Dist.-BH	0	0	1	0.94	3	27
South Peninsula		0	0	1	0.95	2	24
Chignik	Black Lake	0	0	1	0.95	2	19
	Chignik Lake	0	0	1	0.95	2	19
East of WASSIP		0	0	1	0.95	2	21
Total		73,696				73,695	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.
[a] Adjusted median; 1.01 times unadjusted median.

Appendix C219.–Togiak District, Bristol Bay Area, Central Region, 2007, temporal stratum 3. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 3 (7/13–7/16; Harvest = 162,075; n = 299)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	64	0.90	55	346
Kuskokwim Bay	Kuskokwim R.	0	0	2	0.94	8	80
	Kanektok	0	0	112	0.90	39	246
	Goodnews	24,844	13,338	37,681	0.00	24,967	7,462
Bristol Bay	Togiak	137,231	120,144	153,146	0.00	136,457	10,046
	Igushik	0	0	436	0.85	64	270
	Wood	0	0	543	0.82	74	277
	Nushagak	0	0	9	0.92	18	143
	Kvichak	0	0	2	0.94	7	65
	Alagnak	0	0	2	0.94	6	60
	Naknek	0	0	2	0.93	8	78
	Egegik	0	0	3	0.93	8	76
	Ugashik	0	0	3	0.93	8	79
North Peninsula	Cinder	0	0	29	0.91	26	181
	Meshik	0	0	4	0.93	10	96
	Ilnik	0	0	4	0.93	12	123
	Sandy	0	0	2	0.94	6	58
	Bear	0	0	2	0.94	6	62
	Nelson	0	0	2	0.94	6	59
	NW Dist.-BH	0	0	723	0.85	101	419
South Peninsula		0	0	1,189	0.80	159	496
Chignik	Black Lake	0	0	2	0.94	7	67
	Chignik Lake	0	0	22	0.91	26	181
East of WASSIP		0	0	4	0.93	9	90
Total		162,075				162,087	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.01 times unadjusted median.

Appendix C220.–Togiak District, Bristol Bay Area, Central Region, 2007, temporal stratum 4. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 4 (7/17–7/21; Harvest = 144,030; n = 392)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	2	0.94	4	44
Kuskokwim Bay	Kuskokwim R.	0	0	755	0.63	135	298
	Kanektok	0	0	171	0.90	81	451
	Goodnews	35,464	22,259	49,788	0.00	35,500	8,376
Bristol Bay	Togiak	108,548	91,922	124,007	0.00	107,837	9,775
	Igushik	0	0	322	0.88	56	267
	Wood	0	0	8	0.92	14	114
	Nushagak	18	0	1,002	0.46	222	376
	Kvichak	0	0	2	0.94	4	42
	Alagnak	0	0	1	0.94	4	41
	Naknek	0	0	2	0.94	4	37
	Egegik	0	0	1	0.94	5	48
	Ugashik	0	0	3	0.93	6	57
North Peninsula	Cinder	0	0	365	0.86	52	221
	Meshik	0	0	16	0.92	15	109
	Ilnik	0	0	3	0.93	9	86
	Sandy	0	0	16	0.92	14	95
	Bear	0	0	3	0.93	8	73
	Nelson	0	0	2	0.94	5	49
	NW Dist.-BH	0	0	2	0.94	5	46
South Peninsula		0	0	1	0.94	4	38
Chignik	Black Lake	0	0	2	0.94	4	43
	Chignik Lake	0	0	146	0.89	31	156
East of WASSIP		0	0	3	0.93	7	63
Total		144,030				144,026	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.
[a] Adjusted median; 1.01 times unadjusted median.

Appendix C221.–Togiak District, Bristol Bay Area, Central Region, 2007, temporal stratum 5. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 5 (7/23–8/6; Harvest = 310,653; n = 395)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	3	0.93	9	84
Kuskokwim Bay	Kuskokwim R.	614	0	5,162	0.43	1,461	1,855
	Kanektok	0	0	47	0.91	64	484
	Goodnews	9,651	0	32,969	0.13	11,424	11,019
Bristol Bay	Togiak	300,388	266,182	327,227	0.00	297,172	18,627
	Igushik	0	0	5	0.93	14	138
	Wood	0	0	3	0.93	9	85
	Nushagak	0	0	2,277	0.84	267	953
	Kvichak	0	0	3	0.93	9	92
	Alagnak	0	0	3	0.93	8	79
	Naknek	0	0	3	0.93	8	80
	Egegik	0	0	3	0.93	8	83
	Ugashik	0	0	4	0.93	9	94
North Peninsula	Cinder	0	0	4	0.93	11	112
	Meshik	0	0	3	0.93	8	84
	Ilnik	0	0	3	0.93	8	85
	Sandy	0	0	3	0.93	8	85
	Bear	0	0	3	0.93	9	94
	Nelson	0	0	2	0.93	8	78
	NW Dist.-BH	0	0	3	0.93	8	85
South Peninsula		0	0	3	0.93	8	83
Chignik	Black Lake	0	0	3	0.93	9	83
	Chignik Lake	0	0	4	0.93	11	102
East of WASSIP		0	0	11	0.92	18	147
Total		310,653				310,568	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.
[a] Adjusted median; 1.01 times unadjusted median.

Appendix C222.–Togiak District, Bristol Bay Area, Central Region, 2008, temporal stratum 1. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 1 (6/18–7/5; Harvest = 64,331; n = 395)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	1	0.95	2	18
Kuskokwim Bay	Kuskokwim R.	128	9	591	0.00	192	206
	Kanektok	0	0	459	0.80	62	194
	Goodnews	38,133	30,815	43,927	0.00	37,573	3,980
Bristol Bay	Togiak	25,550	19,961	32,110	0.00	25,540	3,699
	Igushik	55	0	960	0.45	247	345
	Wood	0	0	156	0.86	24	101
	Nushagak	0	0	2	0.94	6	53
	Kvichak	0	0	1	0.95	2	19
	Alagnak	303	57	844	0.01	355	253
	Naknek	0	0	1	0.95	2	17
	Egegik	0	0	1	0.94	3	30
	Ugashik	0	0	3	0.93	5	44
North Peninsula	Cinder	0	0	6	0.93	7	52
	Meshik	0	0	1	0.94	4	36
	Ilnik	0	0	1	0.95	2	22
	Sandy	0	0	324	0.74	49	133
	Bear	0	0	1	0.94	3	26
	Nelson	0	0	1	0.95	2	18
	NW Dist.-BH	0	0	1	0.95	2	22
South Peninsula		0	0	19	0.92	9	54
Chignik	Black Lake	163	0	719	0.29	227	253
	Chignik Lake	0	0	2	0.94	4	37
East of WASSIP		0	0	1	0.95	2	18
Total		64,332				64,324	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.
[a] Adjusted median; 1.01 times unadjusted median.

Appendix C223.–Togiak District, Bristol Bay Area, Central Region, 2008, temporal stratum 2. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 2 (7/7–7/12; Harvest = 133,406; n = 499)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	1	0.94	4	44
Kuskokwim Bay	Kuskokwim R.	0	0	5	0.93	14	120
	Kanektok	1,374	438	2,968	0.00	1,488	812
	Goodnews	31,163	18,773	87,769	0.00	41,573	23,577
Bristol Bay	Togiak	99,283	42,584	113,905	0.00	88,320	23,847
	Igushik	0	0	4	0.93	9	79
	Wood	1,585	418	3,405	0.00	1,694	927
	Nushagak	0	0	358	0.87	55	245
	Kvichak	0	0	2	0.94	5	46
	Alagnak	0	0	1	0.94	3	29
	Naknek	0	0	1	0.94	3	30
	Egegik	0	0	4	0.93	7	60
	Ugashik	0	0	162	0.88	33	166
North Peninsula	Cinder	0	0	5	0.93	10	83
	Meshik	0	0	3	0.93	7	66
	Ilnik	0	0	2	0.94	5	50
	Sandy	0	0	974	0.73	148	371
	Bear	0	0	1	0.94	4	41
	Nelson	0	0	1	0.94	3	29
	NW Dist.-BH	0	0	36	0.91	29	174
South Peninsula		0	0	2	0.94	5	46
Chignik	Black Lake	0	0	1	0.94	3	30
	Chignik Lake	0	0	1	0.94	4	37
East of WASSIP		0	0	1	0.94	3	37
Total		133,405				133,429	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.
[a] Adjusted median; 1.01 times unadjusted median.

Appendix C224.–Togiak District, Bristol Bay Area, Central Region, 2008, temporal stratum 3. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 3 (7/13–7/19; Harvest = 194,162; n = 390)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	2	0.94	6	65
Kuskokwim Bay	Kuskokwim R.	0	0	2	0.94	5	54
	Kanektok	0	0	8	0.92	19	176
	Goodnews	33,495	21,049	53,177	0.00	34,592	9,829
Bristol Bay	Togiak	160,191	137,295	178,168	0.00	158,622	12,472
	Igushik	0	0	776	0.80	108	355
	Wood	475	0	2,268	0.19	705	784
	Nushagak	0	0	2	0.94	7	73
	Kvichak	0	0	2	0.94	6	60
	Alagnak	0	0	2	0.94	6	56
	Naknek	0	0	2	0.94	6	59
	Egegik	0	0	3	0.93	8	73
	Ugashik	0	0	2	0.94	7	65
North Peninsula	Cinder	0	0	14	0.92	20	159
	Meshik	0	0	3	0.93	9	89
	Ilnik	0	0	2	0.94	6	57
	Sandy	0	0	2	0.94	6	59
	Bear	0	0	2	0.94	5	58
	Nelson	0	0	2	0.94	5	47
	NW Dist.-BH	0	0	2	0.94	7	62
South Peninsula		0	0	2	0.94	5	52
Chignik	Black Lake	0	0	2	0.94	5	48
	Chignik Lake	0	0	2	0.94	5	52
East of WASSIP		0	0	2	0.94	5	48
Total		194,161				194,175	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.01 times unadjusted median.

Appendix C225.–Togiak District, Bristol Bay Area, Central Region, 2008, temporal stratum 4. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 4 (7/20–7/24; Harvest = 150,072; n = 391)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	11	0.92	14	105
Kuskokwim Bay	Kuskokwim R.	0	0	2	0.94	5	47
	Kanektok	0	0	104	0.90	63	377
	Goodnews	40,889	26,063	59,027	0.00	41,335	10,071
Bristol Bay	Togiak	108,574	88,787	125,955	0.00	107,749	11,255
	Igushik	0	0	68	0.90	31	183
	Wood	609	25	1,980	0.03	753	630
	Nushagak	0	0	4	0.93	11	105
	Kvichak	0	0	15	0.92	18	125
	Alagnak	0	0	6	0.93	10	82
	Naknek	0	0	1	0.94	5	46
	Egegik	0	0	4	0.93	9	80
	Ugashik	0	0	2	0.94	7	65
North Peninsula	Cinder	0	0	2	0.94	6	54
	Meshik	0	0	2	0.94	6	55
	Ilnik	0	0	2	0.94	5	45
	Sandy	0	0	1	0.94	4	40
	Bear	0	0	1	0.94	4	41
	Nelson	0	0	1	0.94	4	37
	NW Dist.-BH	0	0	1	0.94	4	42
South Peninsula		0	0	2	0.94	4	45
Chignik	Black Lake	0	0	1	0.94	4	44
	Chignik Lake	0	0	2	0.94	6	55
East of WASSIP		0	0	1	0.94	4	40
Total		150,072				150,061	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.01 times unadjusted median.

Appendix C226.–Togiak District, Bristol Bay Area, Central Region, 2008, temporal stratum 5. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 5 (7/25–8/6; Harvest = 109,344; n = 396)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	1	0.94	3	32
Kuskokwim Bay	Kuskokwim R.	0	0	1	0.94	4	35
	Kanektok	0	0	25	0.91	25	170
	Goodnews	4,155	0	17,418	0.16	5,390	5,481
Bristol Bay	Togiak	105,189	90,230	115,225	0.00	103,832	7,525
	Igushik	0	0	1	0.94	3	32
	Wood	0	0	1	0.94	3	33
	Nushagak	0	0	2	0.94	5	43
	Kvichak	0	0	1	0.94	3	28
	Alagnak	0	0	1	0.94	3	33
	Naknek	0	0	1	0.94	3	30
	Egegik	0	0	1	0.94	3	33
	Ugashik	0	0	94	0.89	19	100
North Peninsula	Cinder	0	0	1	0.94	3	34
	Meshik	0	0	1	0.94	4	34
	Ilnik	0	0	24	0.91	15	93
	Sandy	0	0	1	0.94	3	31
	Bear	0	0	10	0.92	11	73
	Nelson	0	0	1	0.94	3	29
	NW Dist.-BH	0	0	1	0.94	3	28
South Peninsula		0	0	1	0.94	3	31
Chignik	Black Lake	0	0	1	0.94	3	31
	Chignik Lake	0	0	1	0.94	3	29
East of WASSIP		0	0	1	0.94	3	29
Total		109,344				109,350	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.
[a] Adjusted median; 1.01 times unadjusted median.

Appendix C227.–District 5 Commercial, Kuskokwim Area, Arctic–Yukon–Kuskokwim Region, 2006, temporal stratum 1. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero (P = 0), mean, and SD.

Reporting Group		Stratum 1 (6/22–7/3; Harvest = 9,809; n = 130)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	P = 0	Mean	SD
Norton Sound		0	0	9	0.92	6	40
Kuskokwim Bay	Kuskokwim R.	398	85	1,110	0.00	473	329
	Kanektok	0	0	5	0.93	10	76
	Goodnews	9,320	7,899	10,021	0.00	8,978	645
Bristol Bay	Togiak	91	0	1,111	0.14	282	387
	Igushik	0	0	0	0.95	1	13
	Wood	0	0	1	0.94	1	12
	Nushagak	0	0	311	0.77	40	140
	Kvichak	0	0	1	0.95	1	12
	Alagnak	0	0	0	0.95	1	9
	Naknek	0	0	0	0.95	1	11
	Egegik	0	0	0	0.96	1	8
	Ugashik	0	0	0	0.95	1	11
North Peninsula	Cinder	0	0	0	0.95	1	13
	Meshik	0	0	0	0.95	1	9
	Ilnik	0	0	1	0.95	2	15
	Sandy	0	0	0	0.95	1	11
	Bear	0	0	0	0.96	1	8
	Nelson	0	0	0	0.96	1	8
	NW Dist.-BH	0	0	0	0.96	1	8
South Peninsula		0	0	0	0.95	1	10
Chignik	Black Lake	0	0	0	0.96	1	8
	Chignik Lake	0	0	0	0.95	1	10
East of WASSIP		0	0	1	0.94	3	21
Total		9,809				9,810	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.
[a] Adjusted median; 1.04 times unadjusted median.

Appendix C228.–District 5 Commercial, Kuskokwim Area, Arctic–Yukon–Kuskokwim Region, 2006, temporal stratum 2. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero (P = 0), mean, and SD.

Reporting Group		Stratum 2 (7/5–7/17; Harvest = 9,895; n = 0[b])					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	P = 0	Mean	SD
Norton Sound		19	1	80	0.02	27	27
Kuskokwim Bay	Kuskokwim R.	0	0	0	0.95	1	16
	Kanektok	569	347	854	0.00	574	161
	Goodnews	5,551	4,580	6,329	0.00	5,442	532
Bristol Bay	Togiak	2,817	2,073	3,533	0.00	2,774	445
	Igushik	233	0	500	0.21	221	169
	Wood	20	0	495	0.46	143	181
	Nushagak	531	306	810	0.00	534	154
	Kvichak	0	0	51	0.82	7	22
	Alagnak	0	0	1	0.94	1	7
	Naknek	153	50	310	0.00	161	80
	Egegik	0	0	0	0.96	1	6
	Ugashik	0	0	0	0.96	0	4
North Peninsula	Cinder	0	0	0	0.95	1	7
	Meshik	0	0	0	0.95	1	8
	Ilnik	0	0	33	0.89	5	21
	Sandy	0	0	0	0.96	1	6
	Bear	0	0	0	0.96	1	5
	Nelson	0	0	0	0.97	0	3
	NW Dist.-BH	0	0	0	0.97	0	3
South Peninsula		0	0	0	0.97	0	3
Chignik	Black Lake	0	0	0	0.96	1	5
	Chignik Lake	0	0	0	0.96	1	5
East of WASSIP		0	0	0	0.97	0	3
Total		9,893				9,897	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.02 times unadjusted median.

[b] No samples collected. Stock composition estimate from temporal stratum 2, 2007, District 5 Commercial, Kuskokwim Area used as proxy.

Appendix C229.–District 5 Commercial, Kuskokwim Area, Arctic–Yukon–Kuskokwim Region, 2006, temporal stratum 3. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 3 (7/19–9/1; Harvest = 10,153; n = 0[b])					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		0	0	196	0.56	42	70
Kuskokwim Bay	Kuskokwim R.	0	0	0	0.95	2	17
	Kanektok	499	312	755	0.00	508	141
	Goodnews	3,443	2,713	4,125	0.00	3,399	430
Bristol Bay	Togiak	5,299	4,474	5,992	0.00	5,222	462
	Igushik	0	0	54	0.86	8	37
	Wood	357	172	571	0.00	359	122
	Nushagak	486	264	781	0.00	495	159
	Kvichak	25	0	137	0.35	41	49
	Alagnak	0	0	4	0.93	2	12
	Naknek	0	0	1	0.94	1	8
	Egegik	44	0	157	0.07	56	51
	Ugashik	0	0	1	0.95	1	8
North Peninsula	Cinder	0	0	56	0.83	7	25
	Meshik	0	0	35	0.86	5	18
	Ilnik	0	0	24	0.90	4	19
	Sandy	0	0	0	0.96	0	5
	Bear	0	0	0	0.96	1	5
	Nelson	0	0	0	0.96	0	3
	NW Dist.-BH	0	0	0	0.96	0	3
South Peninsula		0	0	0	0.96	0	3
Chignik	Black Lake	0	0	0	0.96	0	4
	Chignik Lake	0	0	0	0.97	0	3
East of WASSIP		0	0	0	0.97	0	4
Total		10,153				10,153	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.02 times unadjusted median.

[b] No samples collected. Stock composition estimate from temporal stratum 3, 2007, District 5 Commercial, Kuskokwim Area used as proxy.

Appendix C230.–District 5 Commercial, Kuskokwim Area, Arctic–Yukon–Kuskokwim Region, 2007, temporal stratum 1. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero (P = 0), mean, and SD.

Reporting Group		Stratum 1 (6/19–7/4; Harvest = 13,762; n = 168)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	P = 0	Mean	SD
Norton Sound		0	0	0	0.95	1	10
Kuskokwim Bay	Kuskokwim R.	0	0	404	0.69	58	145
	Kanektok	0	0	55	0.89	11	54
	Goodnews	12,002	10,454	13,157	0.00	11,829	823
Bristol Bay	Togiak	1,415	751	2,494	0.00	1,475	541
	Igushik	0	0	20	0.91	7	43
	Wood	0	0	150	0.83	19	65
	Nushagak	345	0	776	0.17	348	246
	Kvichak	0	0	0	0.96	1	8
	Alagnak	0	0	0	0.96	1	8
	Naknek	0	0	0	0.96	1	8
	Egegik	0	0	0	0.95	1	9
	Ugashik	0	0	0	0.96	1	9
North Peninsula	Cinder	0	0	0	0.95	1	10
	Meshik	0	0	0	0.95	1	8
	Ilnik	0	0	0	0.96	1	9
	Sandy	0	0	0	0.96	1	9
	Bear	0	0	0	0.96	1	9
	Nelson	0	0	0	0.95	1	9
	NW Dist.-BH	0	0	0	0.95	1	10
South Peninsula		0	0	0	0.95	1	12
Chignik	Black Lake	0	0	0	0.96	1	8
	Chignik Lake	0	0	0	0.95	1	9
East of WASSIP		0	0	0	0.96	1	9
Total		13,762				13,764	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.
[a] Adjusted median; 1.01 times unadjusted median.

Appendix C231.–District 5 Commercial, Kuskokwim Area, Arctic–Yukon–Kuskokwim Region, 2007, temporal stratum 2. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero (P = 0), mean, and SD.

Reporting Group		Stratum 2 (7/6–7/16; Harvest = 16,557; n = 376)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	P = 0	Mean	SD
Norton Sound		32	2	133	0.01	45	44
Kuskokwim Bay	Kuskokwim R.	0	0	1	0.95	2	26
	Kanektok	952	581	1,429	0.00	960	270
	Goodnews	9,287	7,662	10,584	0.00	9,105	891
Bristol Bay	Togiak	4,713	3,469	5,918	0.00	4,641	746
	Igushik	390	0	838	0.20	369	283
	Wood	35	0	827	0.46	240	302
	Nushagak	891	513	1,355	0.00	894	259
	Kvichak	0	0	85	0.81	12	38
	Alagnak	0	0	2	0.94	2	12
	Naknek	256	84	519	0.00	269	135
	Egegik	0	0	0	0.95	1	10
	Ugashik	0	0	0	0.96	1	7
North Peninsula	Cinder	0	0	1	0.95	1	12
	Meshik	0	0	1	0.95	2	14
	Ilnik	0	0	54	0.89	8	36
	Sandy	0	0	1	0.95	1	10
	Bear	0	0	0	0.95	1	8
	Nelson	0	0	0	0.96	0	5
	NW Dist.-BH	0	0	0	0.96	0	5
South Peninsula		0	0	0	0.96	0	5
Chignik	Black Lake	0	0	0	0.95	1	8
	Chignik Lake	0	0	0	0.95	1	9
East of WASSIP		0	0	0	0.96	1	6
Total		16,556				16,557	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.
[a] Adjusted median; 1.02 times unadjusted median.

Appendix C232.–District 5 Commercial, Kuskokwim Area, Arctic–Yukon–Kuskokwim Region, 2007, temporal stratum 3. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero (P = 0), mean, and SD.

Reporting Group		Stratum 3 (7/18–8/31; Harvest = 13,447; n = 388)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	P = 0	Mean	SD
Norton Sound		0	0	259	0.55	55	93
Kuskokwim Bay	Kuskokwim R.	0	0	1	0.95	2	23
	Kanektok	661	414	1,001	0.00	672	187
	Goodnews	4,557	3,594	5,461	0.00	4,500	569
Bristol Bay	Togiak	7,021	5,928	7,932	0.00	6,914	610
	Igushik	0	0	72	0.86	11	49
	Wood	473	227	757	0.00	475	162
	Nushagak	644	349	1,033	0.00	655	211
	Kvichak	34	0	182	0.35	54	65
	Alagnak	0	0	6	0.93	3	17
	Naknek	0	0	1	0.94	1	10
	Egegik	58	0	208	0.07	74	68
	Ugashik	0	0	1	0.95	1	11
North Peninsula	Cinder	0	0	74	0.83	10	33
	Meshik	0	0	46	0.86	6	24
	Ilnik	0	0	32	0.90	5	25
	Sandy	0	0	0	0.96	1	6
	Bear	0	0	0	0.95	1	7
	Nelson	0	0	0	0.96	0	3
	NW Dist.-BH	0	0	0	0.96	0	4
South Peninsula		0	0	0	0.96	0	4
Chignik	Black Lake	0	0	0	0.96	1	5
	Chignik Lake	0	0	0	0.96	0	4
East of WASSIP		0	0	0	0.96	0	5
Total		13,448				13,441	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.
[a] Adjusted median; 1.02 times unadjusted median.

Appendix C233.–District 5 Commercial, Kuskokwim Area, Arctic–Yukon–Kuskokwim Region, 2008, temporal stratum 1. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero (P = 0), mean, and SD.

Reporting Group		Stratum 1 (6/19–7/1; Harvest = 7,264; n = 0[b])					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	P = 0	Mean	SD
Norton Sound		0	0	7	0.90	2	13
Kuskokwim Bay	Kuskokwim R.	142	29	371	0.00	164	110
	Kanektok	0	0	38	0.85	6	29
	Goodnews	6,493	5,773	7,064	0.00	6,413	393
Bristol Bay	Togiak	516	264	928	0.00	541	205
	Igushik	0	0	13	0.89	3	14
	Wood	0	0	48	0.81	6	20
	Nushagak	113	0	275	0.13	119	87
	Kvichak	0	0	2	0.93	1	4
	Alagnak	0	0	1	0.93	1	4
	Naknek	0	0	1	0.93	1	4
	Egegik	0	0	1	0.93	1	4
	Ugashik	0	0	1	0.93	1	4
North Peninsula	Cinder	0	0	2	0.93	1	5
	Meshik	0	0	1	0.93	1	4
	Ilnik	0	0	2	0.93	1	5
	Sandy	0	0	2	0.93	1	4
	Bear	0	0	1	0.93	1	4
	Nelson	0	0	1	0.93	0	4
	NW Dist.-BH	0	0	1	0.93	1	4
South Peninsula		0	0	2	0.93	1	5
Chignik	Black Lake	0	0	1	0.94	0	4
	Chignik Lake	0	0	1	0.93	1	4
East of WASSIP		0	0	3	0.92	1	7
Total		7,264				7,268	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.01 times unadjusted median.

[b] No samples collected. Average stock composition estimate of temporal stratum 1, 2006 and 2007, District 5 Commercial, Kuskokwim Area used as proxy.

Appendix C234.–District 5 Commercial, Kuskokwim Area, Arctic–Yukon–Kuskokwim Region, 2008, temporal stratum 2. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero ($P = 0$), mean, and SD.

Reporting Group		Stratum 2 (7/5–7/16; Harvest = 11,165; n = 0[b])					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD
Norton Sound		21	2	90	0.02	30	30
Kuskokwim Bay	Kuskokwim R.	0	0	0	0.95	2	18
	Kanektok	643	392	963	0.00	647	182
	Goodnews	6,264	5,168	7,138	0.00	6,138	601
Bristol Bay	Togiak	3,178	2,340	3,987	0.00	3,129	503
	Igushik	263	0	564	0.21	249	191
	Wood	24	0	557	0.46	162	204
	Nushagak	601	345	913	0.00	603	174
	Kvichak	0	0	57	0.82	8	25
	Alagnak	0	0	1	0.94	1	8
	Naknek	173	56	350	0.00	181	91
	Egegik	0	0	0	0.96	1	7
	Ugashik	0	0	0	0.96	1	5
North Peninsula	Cinder	0	0	0	0.95	1	8
	Meshik	0	0	1	0.95	1	10
	Ilnik	0	0	37	0.89	5	24
	Sandy	0	0	0	0.95	1	7
	Bear	0	0	0	0.96	1	5
	Nelson	0	0	0	0.97	0	3
	NW Dist.-BH	0	0	0	0.96	0	3
South Peninsula		0	0	0	0.96	0	3
Chignik	Black Lake	0	0	0	0.96	1	5
	Chignik Lake	0	0	0	0.96	1	6
East of WASSIP		0	0	0	0.96	0	4
Total		11,167				11,163	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.02 times unadjusted median.

[b] No samples collected. Stock composition estimate from temporal stratum 2, 2007, District 5 Commercial, Kuskokwim Area used as proxy.

Appendix C235.–District 5 Commercial, Kuskokwim Area, Arctic–Yukon–Kuskokwim Region, 2008, temporal stratum 3. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero (P = 0), mean, and SD.

Reporting Group		Stratum 3 (7/21–8/29; Harvest = 8,808; n = 0[b])					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	P = 0	Mean	SD
Norton Sound		0	0	170	0.56	36	61
Kuskokwim Bay	Kuskokwim R.	0	0	0	0.95	2	15
	Kanektok	433	271	656	0.00	440	122
	Goodnews	2,986	2,354	3,579	0.00	2,948	374
Bristol Bay	Togiak	4,597	3,884	5,199	0.00	4,529	399
	Igushik	0	0	47	0.86	7	32
	Wood	309	149	495	0.00	311	106
	Nushagak	422	229	677	0.00	429	138
	Kvichak	22	0	119	0.35	35	42
	Alagnak	0	0	4	0.93	2	11
	Naknek	0	0	1	0.94	1	7
	Egegik	39	0	136	0.07	49	44
	Ugashik	0	0	1	0.95	1	7
North Peninsula	Cinder	0	0	48	0.83	6	22
	Meshik	0	0	30	0.86	4	15
	Ilnik	0	0	21	0.90	4	17
	Sandy	0	0	0	0.96	0	4
	Bear	0	0	0	0.96	0	4
	Nelson	0	0	0	0.97	0	2
	NW Dist.-BH	0	0	0	0.97	0	3
South Peninsula		0	0	0	0.97	0	3
Chignik	Black Lake	0	0	0	0.96	0	3
	Chignik Lake	0	0	0	0.97	0	2
East of WASSIP		0	0	0	0.97	0	3
Total		8,808				8,804	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.02 times unadjusted median.

[b] No samples collected. Stock composition estimate from temporal stratum 3, 2007, District 5 Commercial, Kuskokwim Area used as proxy.

Appendix C236.–District 4 Commercial, Kuskokwim Area, Arctic–Yukon–Kuskokwim Region, 2006, temporal stratum 1. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero (P = 0), mean, and SD.

Reporting Group		Stratum 1 (6/15–6/30; Harvest = 25,131; n = 341)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	P = 0	Mean	SD
Norton Sound		0	0	0	0.96	1	10
Kuskokwim Bay	Kuskokwim R.	0	0	105	0.58	20	70
	Kanektok	24,985	21,919	26,816	0.00	24,390	1,486
	Goodnews	146	0	2,313	0.31	668	838
Bristol Bay	Togiak	0	0	1	0.95	2	23
	Igushik	0	0	0	0.95	1	11
	Wood	0	0	1	0.95	1	14
	Nushagak	0	0	178	0.72	31	118
	Kvichak	0	0	0	0.95	1	9
	Alagnak	0	0	0	0.95	1	10
	Naknek	0	0	0	0.95	1	13
	Egegik	0	0	0	0.95	1	11
	Ugashik	0	0	0	0.96	1	8
North Peninsula	Cinder	0	0	0	0.95	1	10
	Meshik	0	0	0	0.96	1	9
	Ilnik	0	0	0	0.95	1	9
	Sandy	0	0	0	0.96	1	8
	Bear	0	0	0	0.96	1	8
	Nelson	0	0	0	0.96	1	8
	NW Dist.-BH	0	0	0	0.96	1	8
South Peninsula		0	0	2	0.94	3	23
Chignik	Black Lake	0	0	0	0.96	1	8
	Chignik Lake	0	0	0	0.96	1	8
East of WASSIP		0	0	0	0.95	1	9
Total		25,131				25,132	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.02 times unadjusted median.

Appendix C237.–District 4 Commercial, Kuskokwim Area, Arctic–Yukon–Kuskokwim Region, 2006, temporal stratum 2. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero (P = 0), mean, and SD.

Reporting Group		Stratum 2 (7/3–7/10; Harvest = 47,245; n = 376)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	P = 0	Mean	SD
Norton Sound		0	0	72	0.90	31	170
Kuskokwim Bay	Kuskokwim R.	0	0	2	0.94	4	41
	Kanektok	47,164	41,776	50,319	0.00	45,988	2,597
	Goodnews	0	0	2,971	0.62	636	1,076
Bristol Bay	Togiak	0	0	2,174	0.74	341	758
	Igushik	0	0	199	0.87	29	127
	Wood	81	0	559	0.33	154	201
	Nushagak	0	0	105	0.85	25	133
	Kvichak	0	0	1	0.94	3	27
	Alagnak	0	0	0	0.95	1	14
	Naknek	0	0	0	0.95	1	13
	Egegik	0	0	0	0.95	2	15
	Ugashik	0	0	1	0.94	2	21
North Peninsula	Cinder	0	0	1	0.94	3	27
	Meshik	0	0	2	0.94	3	28
	Ilnik	0	0	1	0.95	2	17
	Sandy	0	0	0	0.95	1	14
	Bear	0	0	5	0.93	7	53
	Nelson	0	0	0	0.95	1	12
	NW Dist.-BH	0	0	7	0.92	8	63
South Peninsula		0	0	1	0.94	3	28
Chignik	Black Lake	0	0	0	0.95	1	12
	Chignik Lake	0	0	0	0.95	1	14
East of WASSIP		0	0	1	0.95	2	20
Total		47,245				47,249	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.
[a] Adjusted median; 1.03 times unadjusted median.

Appendix C238.–District 4 Commercial, Kuskokwim Area, Arctic–Yukon–Kuskokwim Region, 2006, temporal stratum 3. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero (P = 0), mean, and SD.

Reporting Group		Stratum 3 (7/17–9/1; Harvest = 33,932; n = 396)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	P = 0	Mean	SD
Norton Sound		0	0	0	0.95	1	13
Kuskokwim Bay	Kuskokwim R.	0	0	1	0.95	2	20
	Kanektok	30,983	28,171	33,651	0.00	30,847	1,663
	Goodnews	0	0	291	0.84	41	160
Bristol Bay	Togiak	0	0	1	0.94	3	23
	Igushik	0	0	3	0.94	6	48
	Wood	558	215	1,151	0.00	603	292
	Nushagak	2,390	1,523	3,417	0.00	2,412	578
	Kvichak	0	0	0	0.95	1	14
	Alagnak	0	0	0	0.95	1	10
	Naknek	0	0	2	0.94	4	29
	Egegik	0	0	1	0.95	1	13
	Ugashik	0	0	0	0.95	1	10
North Peninsula	Cinder	0	0	0	0.95	1	13
	Meshik	0	0	0	0.95	1	13
	Ilnik	0	0	0	0.95	1	10
	Sandy	0	0	0	0.95	1	10
	Bear	0	0	0	0.95	1	9
	Nelson	0	0	0	0.95	1	8
	NW Dist.-BH	0	0	2	0.94	3	21
South Peninsula		0	0	0	0.96	1	9
Chignik	Black Lake	0	0	0	0.95	1	10
	Chignik Lake	0	0	0	0.95	1	9
East of WASSIP		0	0	0	0.95	1	9
Total		33,931				33,936	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.
[a] Adjusted median; 1.01 times unadjusted median.

Appendix C239.–District 4 Commercial, Kuskokwim Area, Arctic–Yukon–Kuskokwim Region, 2007, temporal stratum 1. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero (P = 0), mean, and SD.

Reporting Group		Stratum 1 (6/14–7/2; Harvest = 16,671; n = 377)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	P = 0	Mean	SD
Norton Sound		0	0	0	0.96	1	9
Kuskokwim Bay	Kuskokwim R.	3,399	2,646	4,196	0.00	3,359	473
	Kanektok	13,272	11,647	14,363	0.00	12,985	826
	Goodnews	0	0	6	0.90	3	23
Bristol Bay	Togiak	0	0	0	0.96	1	8
	Igushik	0	0	33	0.90	7	35
	Wood	0	0	102	0.84	13	45
	Nushagak	0	0	892	0.53	203	320
	Kvichak	0	0	145	0.79	20	56
	Alagnak	0	0	14	0.91	5	27
	Naknek	0	0	102	0.58	20	39
	Egegik	0	0	0	0.95	1	8
	Ugashik	0	0	0	0.95	1	9
North Peninsula	Cinder	0	0	0	0.95	1	10
	Meshik	0	0	1	0.94	2	12
	Ilnik	0	0	1	0.94	1	12
	Sandy	0	0	3	0.93	2	14
	Bear	0	0	239	0.65	45	87
	Nelson	0	0	0	0.96	0	4
	NW Dist.-BH	0	0	0	0.96	0	5
South Peninsula		0	0	1	0.94	3	21
Chignik	Black Lake	0	0	0	0.96	0	5
	Chignik Lake	0	0	0	0.96	0	4
East of WASSIP		0	0	0	0.96	1	6
Total		16,671				16,674	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.02 times unadjusted median.

Appendix C240.–District 4 Commercial, Kuskokwim Area, Arctic–Yukon–Kuskokwim Region, 2007, temporal stratum 2. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero (P = 0), mean, and SD.

Reporting Group		Stratum 2 (7/4–7/16; Harvest = 71,482; n = 395)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	P = 0	Mean	SD
Norton Sound		0	0	1	0.94	4	45
Kuskokwim Bay	Kuskokwim R.	1,867	0	4,223	0.17	1,849	1,381
	Kanektok	67,766	59,800	72,114	0.00	65,844	3,740
	Goodnews	0	0	32	0.91	25	181
Bristol Bay	Togiak	285	0	3,349	0.47	1,047	1,238
	Igushik	0	0	52	0.90	15	85
	Wood	1,556	715	2,687	0.00	1,582	609
	Nushagak	8	0	3,613	0.49	1,098	1,342
	Kvichak	0	0	1	0.95	2	24
	Alagnak	0	0	1	0.95	2	21
	Naknek	0	0	1	0.95	2	24
	Egegik	0	0	1	0.94	3	29
	Ugashik	0	0	1	0.95	2	23
North Peninsula	Cinder	0	0	1	0.94	3	26
	Meshik	0	0	1	0.94	3	26
	Ilnik	0	0	1	0.95	2	22
	Sandy	0	0	1	0.95	2	21
	Bear	0	0	1	0.95	2	24
	Nelson	0	0	1	0.95	2	19
	NW Dist.-BH	0	0	1	0.95	2	21
South Peninsula		0	0	1	0.94	3	27
Chignik	Black Lake	0	0	1	0.95	2	19
	Chignik Lake	0	0	1	0.95	2	19
East of WASSIP		0	0	1	0.95	2	21
Total		71,482				71,500	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.03 times unadjusted median.

Appendix C241.–District 4 Commercial, Kuskokwim Area, Arctic–Yukon–Kuskokwim Region, 2007, temporal stratum 3. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero (P = 0), mean, and SD.

Reporting Group		Stratum 3 (7/18–8/31; Harvest = 21,364; n = 389)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	P = 0	Mean	SD
Norton Sound		0	0	0	0.95	1	10
Kuskokwim Bay	Kuskokwim R.	0	0	2	0.94	7	54
	Kanektok	19,828	18,035	21,470	0.00	19,711	1,048
	Goodnews	0	0	1	0.94	3	27
Bristol Bay	Togiak	0	0	3	0.93	6	41
	Igushik	0	0	247	0.85	29	100
	Wood	748	361	1,229	0.00	762	265
	Nushagak	788	386	1,356	0.00	813	298
	Kvichak	0	0	0	0.96	1	6
	Alagnak	0	0	0	0.96	1	7
	Naknek	0	0	0	0.96	1	7
	Egegik	0	0	0	0.96	1	7
	Ugashik	0	0	0	0.96	1	7
North Peninsula	Cinder	0	0	36	0.89	6	30
	Meshik	0	0	3	0.93	3	20
	Ilnik	0	0	72	0.88	10	40
	Sandy	0	0	0	0.95	1	8
	Bear	0	0	0	0.96	1	6
	Nelson	0	0	0	0.96	1	6
	NW Dist.-BH	0	0	3	0.93	2	15
South Peninsula		0	0	0	0.96	1	8
Chignik	Black Lake	0	0	3	0.93	2	14
	Chignik Lake	0	0	5	0.93	2	15
East of WASSIP		0	0	0	0.96	1	7
Total		21,364				21,367	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.
[a] Adjusted median; 1.01 times unadjusted median.

Appendix C242.–District 4 Commercial, Kuskokwim Area, Arctic–Yukon–Kuskokwim Region, 2008, temporal stratum 1. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero (P = 0), mean, and SD.

Reporting Group		Stratum 1 (6/14–7/8; Harvest = 23,301; n = 393)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	P = 0	Mean	SD
Norton Sound		0	0	0	0.96	1	10
Kuskokwim Bay	Kuskokwim R.	28	0	791	0.23	148	277
	Kanektok	23,273	21,131	25,082	0.00	23,075	1,203
	Goodnews	0	0	3	0.93	13	115
Bristol Bay	Togiak	0	0	1	0.95	2	22
	Igushik	0	0	3	0.93	3	24
	Wood	0	0	4	0.93	3	23
	Nushagak	0	0	134	0.89	27	129
	Kvichak	0	0	16	0.92	7	37
	Alagnak	0	0	1	0.95	1	13
	Naknek	0	0	0	0.96	1	8
	Egegik	0	0	0	0.96	1	7
	Ugashik	0	0	0	0.95	1	9
North Peninsula	Cinder	0	0	1	0.95	2	17
	Meshik	0	0	0	0.95	1	12
	Ilnik	0	0	0	0.95	1	11
	Sandy	0	0	0	0.96	1	6
	Bear	0	0	0	0.96	1	8
	Nelson	0	0	0	0.96	1	6
	NW Dist.-BH	0	0	0	0.96	1	7
South Peninsula		0	0	95	0.88	12	49
Chignik	Black Lake	0	0	0	0.96	1	8
	Chignik Lake	0	0	0	0.96	1	7
East of WASSIP		0	0	0	0.96	1	7
Total		23,301				23,306	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.01 times unadjusted median.

Appendix C243.–District 4 Commercial, Kuskokwim Area, Arctic–Yukon–Kuskokwim Region, 2008, temporal stratum 2. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero (P = 0), mean, and SD.

Reporting Group		Stratum 2 (7/10–7/18; Harvest = 36,749; n = 397)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	P = 0	Mean	SD
Norton Sound		0	0	389	0.76	58	144
Kuskokwim Bay	Kuskokwim R.	0	0	13	0.89	6	46
	Kanektok	36,281	33,029	39,074	0.00	35,981	1,839
	Goodnews	0	0	4	0.93	7	52
Bristol Bay	Togiak	0	0	2	0.93	4	33
	Igushik	0	0	695	0.64	134	252
	Wood	468	0	1,078	0.07	493	323
	Nushagak	0	0	373	0.83	47	163
	Kvichak	0	0	0	0.95	1	10
	Alagnak	0	0	0	0.95	1	13
	Naknek	0	0	0	0.96	1	9
	Egegik	0	0	0	0.95	1	9
	Ugashik	0	0	0	0.95	1	10
North Peninsula	Cinder	0	0	25	0.90	6	42
	Meshik	0	0	5	0.93	4	24
	Ilnik	0	0	0	0.95	1	10
	Sandy	0	0	0	0.95	1	11
	Bear	0	0	0	0.95	1	10
	Nelson	0	0	0	0.95	1	9
	NW Dist.-BH	0	0	1	0.95	2	15
South Peninsula		0	0	0	0.95	1	10
Chignik	Black Lake	0	0	0	0.95	1	10
	Chignik Lake	0	0	0	0.96	1	9
East of WASSIP		0	0	0	0.95	1	11
Total		36,749				36,755	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.01 times unadjusted median.

Appendix C244.–District 4 Commercial, Kuskokwim Area, Arctic–Yukon–Kuskokwim Region, 2008, temporal stratum 3. Subregional reporting group-specific harvest estimates including adjusted median, 90% credibility interval, the probability that reporting group estimate is equal to zero (P = 0), mean, and SD.

Reporting Group		Stratum 3 (7/21–8/29; Harvest = 9,693; n = 395)					
			90% CI				
Regional	Subregional	Median[a]	5%	95%	P = 0	Mean	SD
Norton Sound		0	0	137	0.73	21	50
Kuskokwim Bay	Kuskokwim R.	0	0	0	0.95	1	8
	Kanektok	8,892	8,006	9,550	0.00	8,760	470
	Goodnews	0	0	0	0.96	1	7
Bristol Bay	Togiak	0	0	0	0.96	1	7
	Igushik	0	0	386	0.68	75	138
	Wood	793	465	1,096	0.00	780	191
	Nushagak	8	0	198	0.44	49	71
	Kvichak	0	0	0	0.97	0	3
	Alagnak	0	0	0	0.97	0	3
	Naknek	0	0	0	0.97	0	3
	Egegik	0	0	0	0.97	0	2
	Ugashik	0	0	0	0.97	0	3
North Peninsula	Cinder	0	0	8	0.91	2	9
	Meshik	0	0	2	0.93	1	7
	Ilnik	0	0	0	0.96	0	3
	Sandy	0	0	0	0.97	0	2
	Bear	0	0	0	0.96	0	3
	Nelson	0	0	0	0.97	0	2
	NW Dist.-BH	0	0	0	0.95	1	6
South Peninsula		0	0	0	0.97	0	3
Chignik	Black Lake	0	0	0	0.97	0	2
	Chignik Lake	0	0	0	0.97	0	2
East of WASSIP		0	0	0	0.97	0	3
Total		9,693				9,692	

Note: Harvest is the number of sockeye salmon reported to have been harvested and n is the final number of samples used in genetic analyses.

[a] Adjusted median; 1.02 times unadjusted median.

APPENDIX D: ESTIMATED ANNUAL HARVEST AND HARVEST RATE FOR SOCKEYE SALMON IN WASSIP AREA STRATA BY SUBREGIONAL REPORTING GROUP

WHAT STOCKS WERE HARVESTED IN A GIVEN FINE-SCALE FISHERY?

Appendix D1.–Central District, Chignik Area, Westward Region, 2006, all strata. Subregional reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, the probability that reporting group harvest estimate is equal to zero ($P = 0$), means, and SDs are reported.

Reporting Group		Harvest = 103,272; 5 strata						Harvest Rate (%)				
			90% CI						90% CI			
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD	Median	5%	95%	Mean	SD
Norton Sound		0	0	12	0.84	3	17	0.0	0.0	0.0	0.0	0.0
Kuskokwim Bay	Kuskokwim R.	0	0	12	0.85	3	16	0.0	0.0	0.0	0.0	0.0
	Kanektok	0	0	16	0.84	4	22	0.0	0.0	0.0	0.0	0.0
	Goodnews	0	0	86	0.70	13	41	0.0	0.0	0.0	0.0	0.0
Bristol Bay	Togiak	46	0	219	0.08	69	75	0.0	0.0	0.0	0.0	0.0
	Igushik	41	0	330	0.28	88	119	0.0	0.0	0.0	0.0	0.0
	Wood	35	0	315	0.30	82	114	0.0	0.0	0.0	0.0	0.0
	Nushagak	29	0	232	0.28	61	84	0.0	0.0	0.0	0.0	0.0
	Kvichak	39	6	259	0.00	67	92	0.0	0.0	0.0	0.0	0.0
	Alagnak	313	55	748	0.01	344	215	0.0	0.0	0.0	0.0	0.0
	Naknek	230	33	668	0.02	274	202	0.0	0.0	0.0	0.0	0.0
	Egegik	362	19	808	0.03	379	240	0.0	0.0	0.0	0.0	0.0
	Ugashik	61	0	687	0.18	175	237	0.0	0.0	0.0	0.0	0.0
North Peninsula	Cinder	0	0	49	0.77	9	40	0.0	0.0	0.0	0.0	0.0
	Meshik	169	0	530	0.10	202	171	0.0	0.0	0.2	0.1	0.1
	Ilnik	0	0	48	0.73	9	37	0.0	0.0	0.0	0.0	0.0
	Sandy	0	0	44	0.64	8	22	0.0	0.0	0.0	0.0	0.0
	Bear	0	0	212	0.70	31	88	0.0	0.0	0.0	0.0	0.0
	Nelson	57	3	247	0.02	82	83	0.0	0.0	0.0	0.0	0.0
	NW Dist.-BH	0	0	19	0.83	5	26	0.0	0.0	0.0	0.0	0.0
South Peninsula		0	0	63	0.78	12	53	0.0	0.0	0.0	0.0	0.0
Chignik	Black Lake	77,255	72,142	81,562	0.00	76,789	2,862	5.7	5.3	6.1	5.7	0.2
	Chignik Lake	23,222	20,296	26,154	0.00	23,127	1,786	2.4	2.1	2.8	2.4	0.2
East of WASSIP		1,411	889	2,082	0.00	1,433	365	–	–	–	–	–
Total		103,270				103,269						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
Note: Harvest rates are calculated by dividing the harvest posterior by total run posterior distributions; therefore, mean harvest rate may not equal harvest rate calculated from numbers reported in the tables if distributions are highly skewed.
Note: Harvest rate for East of WASSIP not calculated because it was not part of WASSIP plan.
[a] Adjusted median; 1.01 times unadjusted median.

Appendix D2.–Central District, Chignik Area, Westward Region, 2007, all strata. Subregional reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, the probability that reporting group harvest estimate is equal to zero ($P = 0$), means, and SDs are reported.

Reporting Group		Harvest = 138,819; 5 strata						Harvest Rate (%)				
			90% CI						90% CI			
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD	Median	5%	95%	Mean	SD
Norton Sound		0	0	30	0.81	6	29	0.0	0.0	0.0	0.0	0.0
Kuskokwim Bay	Kuskokwim R.	0	0	14	0.84	4	23	0.0	0.0	0.0	0.0	0.0
	Kanektok	0	0	32	0.80	6	35	0.0	0.0	0.0	0.0	0.0
	Goodnews	107	0	776	0.11	232	274	0.0	0.0	0.2	0.1	0.1
Bristol Bay	Togiak	238	0	799	0.17	284	273	0.0	0.0	0.1	0.0	0.0
	Igushik	101	0	523	0.11	153	183	0.0	0.0	0.1	0.0	0.0
	Wood	575	262	1,059	0.00	604	250	0.0	0.0	0.0	0.0	0.0
	Nushagak	6	0	147	0.39	34	61	0.0	0.0	0.0	0.0	0.0
	Kvichak	288	113	763	0.00	342	214	0.0	0.0	0.0	0.0	0.0
	Alagnak	157	22	457	0.01	187	139	0.0	0.0	0.0	0.0	0.0
	Naknek	96	35	409	0.00	139	148	0.0	0.0	0.0	0.0	0.0
	Egegik	1,798	870	2,990	0.00	1,838	653	0.0	0.0	0.0	0.0	0.0
	Ugashik	187	68	388	0.02	220	220	0.0	0.0	0.0	0.0	0.0
North Peninsula	Cinder	0	0	641	0.63	102	249	0.0	0.0	0.2	0.0	0.1
	Meshik	0	0	216	0.77	37	162	0.0	0.0	0.1	0.0	0.1
	Ilnik	0	0	159	0.76	34	161	0.0	0.0	0.1	0.0	0.1
	Sandy	0	0	51	0.77	10	49	0.0	0.0	0.1	0.0	0.1
	Bear	0	0	22	0.83	8	59	0.0	0.0	0.0	0.0	0.0
	Nelson	0	0	15	0.84	5	31	0.0	0.0	0.0	0.0	0.0
	NW Dist.-BH	0	0	45	0.81	14	80	0.0	0.0	0.0	0.0	0.0
South Peninsula		99	0	1,069	0.33	270	390	0.1	0.0	0.8	0.2	0.3
Chignik	Black Lake	35,756	31,624	39,768	0.00	35,554	2,480	5.3	4.7	5.9	5.3	0.4
	Chignik Lake	97,929	90,849	103,666	0.00	97,192	3,896	10.0	9.4	10.7	10.0	0.4
East of WASSIP		1,482	417	2,821	0.00	1,523	740	–	–	–	–	–
Total		138,819				138,798						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
Note: Harvest rates are calculated by dividing the harvest posterior by total run posterior distributions; therefore, mean harvest rate may not equal harvest rate calculated from numbers reported in the tables if distributions are highly skewed.
Note: Harvest rate for East of WASSIP not calculated because it was not part of WASSIP plan.
[a] Adjusted median; 1.01 times unadjusted median.

Appendix D3.–Central District, Chignik Area, Westward Region, 2008, all strata. Subregional reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, the probability that reporting group harvest estimate is equal to zero ($P = 0$), means, and SDs are reported.

Reporting Group		Harvest = 83,111; 5 strata						Harvest Rate (%)				
			90% CI						90% CI			
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD	Median	5%	95%	Mean	SD
Norton Sound		0	0	20	0.83	5	26	0.0	0.0	0.1	0.0	0.1
Kuskokwim Bay	Kuskokwim R.	0	0	12	0.85	3	17	0.0	0.0	0.0	0.0	0.0
	Kanektok	0	0	74	0.50	17	38	0.0	0.0	0.0	0.0	0.0
	Goodnews	17	1	138	0.04	36	62	0.0	0.0	0.0	0.0	0.0
Bristol Bay	Togiak	282	66	684	0.01	316	196	0.0	0.0	0.1	0.0	0.0
	Igushik	0	0	186	0.52	37	86	0.0	0.0	0.0	0.0	0.0
	Wood	251	44	705	0.00	295	211	0.0	0.0	0.0	0.0	0.0
	Nushagak	0	0	219	0.59	41	102	0.0	0.0	0.0	0.0	0.0
	Kvichak	148	21	511	0.00	192	160	0.0	0.0	0.0	0.0	0.0
	Alagnak	323	90	761	0.00	359	212	0.0	0.0	0.0	0.0	0.0
	Naknek	1,136	506	1,973	0.00	1,164	455	0.0	0.0	0.0	0.0	0.0
	Egegik	1,625	973	2,545	0.00	1,668	481	0.0	0.0	0.0	0.0	0.0
	Ugashik	0	0	620	0.50	101	241	0.0	0.0	0.0	0.0	0.0
North Peninsula	Cinder	0	0	44	0.80	9	42	0.0	0.0	0.0	0.0	0.0
	Meshik	0	0	73	0.76	13	51	0.0	0.0	0.0	0.0	0.0
	Ilnik	0	0	27	0.82	6	30	0.0	0.0	0.0	0.0	0.0
	Sandy	0	0	53	0.77	8	31	0.0	0.0	0.1	0.0	0.1
	Bear	96	0	487	0.18	148	170	0.0	0.0	0.0	0.0	0.0
	Nelson	0	0	28	0.80	5	21	0.0	0.0	0.0	0.0	0.0
	NW Dist.-BH	0	0	60	0.79	9	38	0.0	0.0	0.0	0.0	0.0
South Peninsula		1,489	947	2,175	0.00	1,508	376	0.7	0.3	1.3	0.7	0.3
Chignik	Black Lake	34,503	31,241	37,263	0.00	34,231	1,824	4.8	4.4	5.3	4.8	0.3
	Chignik Lake	39,902	36,682	42,647	0.00	39,601	1,819	4.6	4.3	5.0	4.6	0.2
East of WASSIP		3,337	2,499	4,280	0.00	3,339	545	–	–	–	–	–
Total		83,109				83,111						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
Note: Harvest rates are calculated by dividing the harvest posterior by total run posterior distributions; therefore, mean harvest rate may not equal harvest rate calculated from numbers reported in the tables if distributions are highly skewed.
Note: Harvest rate for East of WASSIP not calculated because it was not part of WASSIP plan.
[a] Adjusted median; 1.01 times unadjusted median.

Appendix D4.–Chignik Bay District, Chignik Area, Westward Region, 2006, all strata. Subregional reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, the probability that reporting group harvest estimate is equal to zero ($P = 0$), means, and SDs are reported.

Reporting Group		Harvest = 726,482; 7 strata						Harvest Rate (%)				
			90% CI						90% CI			
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD	Median	5%	95%	Mean	SD
Norton Sound		0	0	206	0.68	39	161	0.0	0.0	0.3	0.1	0.2
Kuskokwim Bay	Kuskokwim R.	0	0	95	0.71	17	75	0.0	0.0	0.0	0.0	0.0
	Kanektok	0	0	109	0.71	20	88	0.0	0.0	0.0	0.0	0.0
	Goodnews	0	0	105	0.71	19	83	0.0	0.0	0.0	0.0	0.0
Bristol Bay	Togiak	0	0	97	0.71	18	77	0.0	0.0	0.0	0.0	0.0
	Igushik	0	0	724	0.55	120	291	0.0	0.0	0.1	0.0	0.0
	Wood	0	0	349	0.65	55	190	0.0	0.0	0.0	0.0	0.0
	Nushagak	383	0	1,501	0.20	501	517	0.0	0.0	0.1	0.0	0.0
	Kvichak	58	0	1,278	0.36	303	464	0.0	0.0	0.0	0.0	0.0
	Alagnak	573	105	1,718	0.00	697	521	0.0	0.0	0.1	0.0	0.0
	Naknek	0	0	415	0.60	66	183	0.0	0.0	0.0	0.0	0.0
	Egegik	771	0	2,340	0.06	915	741	0.0	0.0	0.0	0.0	0.0
	Ugashik	897	6	2,314	0.04	1,006	705	0.0	0.0	0.1	0.0	0.0
North Peninsula	Cinder	0	0	165	0.68	29	121	0.0	0.0	0.1	0.0	0.1
	Meshik	0	0	519	0.62	78	243	0.0	0.0	0.1	0.0	0.1
	Ilnik	0	0	253	0.67	43	170	0.0	0.0	0.1	0.0	0.1
	Sandy	0	0	119	0.70	21	87	0.0	0.0	0.1	0.0	0.1
	Bear	0	0	159	0.69	29	119	0.0	0.0	0.0	0.0	0.0
	Nelson	0	0	118	0.70	21	90	0.0	0.0	0.0	0.0	0.0
	NW Dist.-BH	0	0	117	0.71	23	105	0.0	0.0	0.0	0.0	0.0
South Peninsula		0	0	208	0.67	38	159	0.0	0.0	0.1	0.0	0.1
Chignik	Black Lake	434,519	412,787	454,841	0.00	433,600	12,784	32.2	30.9	33.6	32.2	0.8
	Chignik Lake	289,281	270,823	307,480	0.00	288,814	11,138	30.2	28.5	32.0	30.2	1.1
East of WASSIP		0	0	255	0.67	44	170	–	–	–	–	–
Total		726,482				726,516						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
Note: Harvest rates are calculated by dividing the harvest posterior by total run posterior distributions; therefore, mean harvest rate may not equal harvest rate calculated from numbers reported in the tables if distributions are highly skewed.
Note: Harvest rate for East of WASSIP not calculated because it was not part of WASSIP plan.
[a] Adjusted median; 1.00 times unadjusted median.

Appendix D5.–Chignik Bay District, Chignik Area, Westward Region, 2007, all strata. Subregional reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, the probability that reporting group harvest estimate is equal to zero ($P = 0$), means, and SDs are reported.

Reporting Group		Harvest = 545,256; 7 strata						Harvest Rate (%)				
			90% CI						90% CI			
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD	Median	5%	95%	Mean	SD
Norton Sound		0	0	94	0.71	16	63	0.0	0.0	0.1	0.0	0.1
Kuskokwim Bay	Kuskokwim R.	0	0	61	0.73	12	53	0.0	0.0	0.0	0.0	0.0
	Kanektok	0	0	72	0.72	14	62	0.0	0.0	0.0	0.0	0.0
	Goodnews	0	0	67	0.73	13	59	0.0	0.0	0.0	0.0	0.0
Bristol Bay	Togiak	0	0	64	0.73	12	55	0.0	0.0	0.0	0.0	0.0
	Igushik	0	0	229	0.63	37	114	0.0	0.0	0.0	0.0	0.0
	Wood	153	0	529	0.06	195	179	0.0	0.0	0.0	0.0	0.0
	Nushagak	0	0	111	0.70	19	77	0.0	0.0	0.0	0.0	0.0
	Kvichak	401	87	1,131	0.00	477	335	0.0	0.0	0.0	0.0	0.0
	Alagnak	295	64	830	0.00	351	248	0.0	0.0	0.0	0.0	0.0
	Naknek	312	0	961	0.08	369	312	0.0	0.0	0.0	0.0	0.0
	Egegik	1,092	357	2,332	0.00	1,183	613	0.0	0.0	0.0	0.0	0.0
	Ugashik	1,015	10	2,173	0.04	1,065	621	0.0	0.0	0.0	0.0	0.0
North Peninsula	Cinder	0	0	121	0.70	22	87	0.0	0.0	0.0	0.0	0.0
	Meshik	0	0	97	0.71	17	70	0.0	0.0	0.0	0.0	0.0
	Ilnik	0	0	142	0.70	28	124	0.0	0.0	0.1	0.0	0.1
	Sandy	0	0	125	0.70	23	99	0.0	0.0	0.1	0.0	0.1
	Bear	82	0	499	0.21	143	179	0.0	0.0	0.0	0.0	0.0
	Nelson	0	0	64	0.73	13	60	0.0	0.0	0.0	0.0	0.0
	NW Dist.-BH	0	0	76	0.72	14	62	0.0	0.0	0.0	0.0	0.0
South Peninsula		0	0	264	0.64	40	115	0.0	0.0	0.2	0.0	0.1
Chignik	Black Lake	176,746	165,560	187,709	0.00	176,498	6,713	26.2	24.6	27.8	26.2	1.0
	Chignik Lake	365,025	347,512	382,121	0.00	364,533	10,525	37.6	36.1	39.1	37.6	0.9
East of WASSIP		136	0	620	0.08	200	212	–	–	–	–	–
Total		545,257				545,294						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
Note: Harvest rates are calculated by dividing the harvest posterior by total run posterior distributions; therefore, mean harvest rate may not equal harvest rate calculated from numbers reported in the tables if distributions are highly skewed.
Note: Harvest rate for East of WASSIP not calculated because it was not part of WASSIP plan.
[a] Adjusted median; 1.00 times unadjusted median.

Appendix D6.–Chignik Bay District, Chignik Area, Westward Region, 2008, all strata. Subregional reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, the probability that reporting group harvest estimate is equal to zero ($P = 0$), means, and SDs are reported.

Reporting Group		Harvest = 527,026; 6 strata						Harvest Rate (%)				
			90% CI						90% CI			
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD	Median	5%	95%	Mean	SD
Norton Sound		0	0	49	0.77	10	48	0.0	0.0	0.2	0.0	0.2
Kuskokwim Bay	Kuskokwim R.	0	0	51	0.77	10	47	0.0	0.0	0.0	0.0	0.0
	Kanektok	0	0	124	0.72	20	73	0.0	0.0	0.1	0.0	0.0
	Goodnews	0	0	542	0.58	92	201	0.0	0.0	0.2	0.0	0.1
Bristol Bay	Togiak	0	0	159	0.70	24	84	0.0	0.0	0.0	0.0	0.0
	Igushik	0	0	120	0.72	19	68	0.0	0.0	0.0	0.0	0.0
	Wood	51	0	445	0.28	116	162	0.0	0.0	0.0	0.0	0.0
	Nushagak	0	0	77	0.75	14	57	0.0	0.0	0.0	0.0	0.0
	Kvichak	0	0	540	0.55	91	216	0.0	0.0	0.0	0.0	0.0
	Alagnak	115	0	557	0.24	171	204	0.0	0.0	0.0	0.0	0.0
	Naknek	570	74	1,478	0.01	646	441	0.0	0.0	0.0	0.0	0.0
	Egegik	168	0	844	0.10	261	293	0.0	0.0	0.0	0.0	0.0
	Ugashik	0	0	610	0.51	113	240	0.0	0.0	0.0	0.0	0.0
North Peninsula	Cinder	0	0	777	0.60	121	305	0.0	0.0	0.3	0.0	0.1
	Meshik	0	0	121	0.73	26	126	0.0	0.0	0.0	0.0	0.0
	Ilnik	0	0	76	0.75	15	70	0.0	0.0	0.1	0.0	0.1
	Sandy	0	0	65	0.76	13	58	0.0	0.0	0.2	0.0	0.1
	Bear	0	0	99	0.74	18	79	0.0	0.0	0.0	0.0	0.0
	Nelson	124	0	523	0.09	173	177	0.0	0.0	0.1	0.0	0.0
	NW Dist.-BH	0	0	98	0.74	17	71	0.0	0.0	0.0	0.0	0.0
South Peninsula		0	0	102	0.74	20	96	0.0	0.0	0.1	0.0	0.1
Chignik	Black Lake	208,831	194,842	222,502	0.00	208,474	8,414	29.4	27.6	31.2	29.4	1.1
	Chignik Lake	317,165	298,424	335,269	0.00	316,559	11,203	37.1	35.3	38.9	37.1	1.1
East of WASSIP		0	0	59	0.77	12	56	–	–	–	–	–
Total		527,024				527,035						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
Note: Harvest rates are calculated by dividing the harvest posterior by total run posterior distributions; therefore, mean harvest rate may not equal harvest rate calculated from numbers reported in the tables if distributions are highly skewed.
Note: Harvest rate for East of WASSIP not calculated because it was not part of WASSIP plan.
[a] Adjusted median; 1.00 times unadjusted median.

Appendix D7.–Western and Perryville districts, Chignik Area, Westward Region, 2006, all strata. Subregional reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, the probability that reporting group harvest estimate is equal to zero (P = 0), means, and SDs are reported.

Reporting Group		Harvest = 69,570; 3 strata						Harvest Rate (%)				
			90% CI						90% CI			
Regional	Subregional	Median[a]	5%	95%	P = 0	Mean	SD	Median	5%	95%	Mean	SD
Norton Sound		0	0	6	0.91	2	17	0.0	0.0	0.0	0.0	0.0
Kuskokwim Bay	Kuskokwim R.	0	0	5	0.91	2	16	0.0	0.0	0.0	0.0	0.0
	Kanektok	0	0	7	0.90	3	19	0.0	0.0	0.0	0.0	0.0
	Goodnews	0	0	8	0.90	4	27	0.0	0.0	0.0	0.0	0.0
Bristol Bay	Togiak	0	0	6	0.91	3	25	0.0	0.0	0.0	0.0	0.0
	Igushik	98	0	376	0.21	126	128	0.0	0.0	0.1	0.0	0.0
	Wood	0	0	45	0.87	9	44	0.0	0.0	0.0	0.0	0.0
	Nushagak	0	0	62	0.85	10	46	0.0	0.0	0.0	0.0	0.0
	Kvichak	0	0	7	0.90	3	23	0.0	0.0	0.0	0.0	0.0
	Alagnak	138	18	409	0.01	165	126	0.0	0.0	0.0	0.0	0.0
	Naknek	0	0	5	0.91	2	17	0.0	0.0	0.0	0.0	0.0
	Egegik	47	0	435	0.33	112	156	0.0	0.0	0.0	0.0	0.0
	Ugashik	0	0	271	0.75	39	116	0.0	0.0	0.0	0.0	0.0
North Peninsula	Cinder	0	0	78	0.83	13	55	0.0	0.0	0.0	0.0	0.0
	Meshik	0	0	10	0.90	5	33	0.0	0.0	0.0	0.0	0.0
	Ilnik	0	0	9	0.90	4	33	0.0	0.0	0.0	0.0	0.0
	Sandy	0	0	14	0.89	6	42	0.0	0.0	0.0	0.0	0.0
	Bear	0	0	37	0.87	10	57	0.0	0.0	0.0	0.0	0.0
	Nelson	0	0	38	0.87	8	40	0.0	0.0	0.0	0.0	0.0
	NW Dist.-BH	0	0	5	0.91	3	19	0.0	0.0	0.0	0.0	0.0
South Peninsula		0	0	49	0.86	11	62	0.0	0.0	0.0	0.0	0.1
Chignik	Black Lake	24,311	21,293	27,274	0.00	24,221	1,815	1.8	1.6	2.0	1.8	0.1
	Chignik Lake	22,698	19,671	25,657	0.00	22,613	1,819	2.4	2.1	2.7	2.4	0.2
East of WASSIP		22,278	19,825	24,672	0.00	22,195	1,476	–	–	–	–	–
Total		69,570				69,569						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
Note: Harvest rates are calculated by dividing the harvest posterior by total run posterior distributions; therefore, mean harvest rate may not equal harvest rate calculated from numbers reported in the tables if distributions are highly skewed.
Note: Harvest rate for East of WASSIP not calculated because it was not part of WASSIP plan.
[a] Adjusted median; 1.01 times unadjusted median.

Appendix D8.–Western and Perryville districts, Chignik Area, Westward Region, 2007, all strata. Subregional reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, the probability that reporting group harvest estimate is equal to zero (P = 0), means, and SDs are reported.

Reporting Group		Harvest = 120,305; 3 strata						Harvest Rate (%)				
			90% CI						90% CI			
Regional	Subregional	Median[a]	5%	95%	P = 0	Mean	SD	Median	5%	95%	Mean	SD
Norton Sound		0	0	32	0.88	12	74	0.0	0.0	0.1	0.0	0.1
Kuskokwim Bay	Kuskokwim R.	0	0	170	0.84	29	132	0.0	0.0	0.0	0.0	0.0
	Kanektok	0	0	487	0.79	63	220	0.0	0.0	0.1	0.0	0.0
	Goodnews	2,107	842	3,559	0.01	2,125	833	0.5	0.2	0.9	0.5	0.2
Bristol Bay	Togiak	0	0	1,201	0.56	248	453	0.0	0.0	0.1	0.0	0.0
	Igushik	1,039	0	2,159	0.22	966	733	0.1	0.0	0.3	0.1	0.1
	Wood	654	0	2,030	0.06	798	627	0.0	0.0	0.0	0.0	0.0
	Nushagak	0	0	769	0.57	153	281	0.0	0.0	0.0	0.0	0.0
	Kvichak	272	57	770	0.00	322	233	0.0	0.0	0.0	0.0	0.0
	Alagnak	848	328	1,658	0.00	895	414	0.0	0.0	0.0	0.0	0.0
	Naknek	1,685	772	2,883	0.00	1,725	648	0.0	0.0	0.0	0.0	0.0
	Egegik	1,911	0	4,003	0.05	1,981	1,160	0.0	0.0	0.1	0.0	0.0
	Ugashik	3,124	1,383	5,306	0.00	3,178	1,205	0.0	0.0	0.1	0.0	0.0
North Peninsula	Cinder	756	0	2,236	0.23	833	755	0.2	0.0	0.6	0.2	0.2
	Meshik	1,255	0	2,833	0.15	1,256	911	0.5	0.0	1.4	0.6	0.5
	Ilnik	0	0	51	0.87	20	123	0.0	0.0	0.0	0.0	0.1
	Sandy	0	0	31	0.88	10	58	0.0	0.0	0.0	0.0	0.1
	Bear	744	275	1,529	0.00	797	392	0.0	0.0	0.1	0.1	0.0
	Nelson	0	0	74	0.86	17	84	0.0	0.0	0.0	0.0	0.0
	NW Dist.-BH	0	0	25	0.88	11	73	0.0	0.0	0.0	0.0	0.0
South Peninsula		0	0	63	0.86	16	86	0.0	0.0	0.0	0.0	0.1
Chignik	Black Lake	23,266	18,964	27,378	0.00	23,058	2,558	3.4	2.8	4.1	3.4	0.4
	Chignik Lake	47,706	42,100	52,519	0.00	47,198	3,164	4.9	4.3	5.4	4.9	0.3
East of WASSIP		34,939	30,780	38,518	0.00	34,572	2,355	–	–	–	–	–
Total		120,306				120,283						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
Note: Harvest rates are calculated by dividing the harvest posterior by total run posterior distributions; therefore, mean harvest rate may not equal harvest rate calculated from numbers reported in the tables if distributions are highly skewed.
Note: Harvest rate for East of WASSIP not calculated because it was not part of WASSIP plan.
[a] Adjusted median; 1.01 times unadjusted median.

Appendix D9.–Western and Perryville districts, Chignik Area, Westward Region, 2008, all strata. Subregional reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, the probability that reporting group harvest estimate is equal to zero (P = 0), means, and SDs are reported.

Reporting Group		Harvest = 74,854; 4 strata						Harvest Rate (%)				
			90% CI						90% CI			
Regional	Subregional	Median[a]	5%	95%	P = 0	Mean	SD	Median	5%	95%	Mean	SD
Norton Sound		0	0	13	0.87	3	21	0.0	0.0	0.0	0.0	0.1
Kuskokwim Bay	Kuskokwim R.	378	94	1,033	0.00	447	296	0.1	0.0	0.2	0.1	0.1
	Kanektok	0	0	77	0.80	12	44	0.0	0.0	0.0	0.0	0.0
	Goodnews	794	434	1,403	0.00	836	317	0.2	0.1	0.4	0.2	0.1
Bristol Bay	Togiak	803	342	1,326	0.02	808	310	0.1	0.0	0.2	0.1	0.0
	Igushik	640	180	1,178	0.03	653	305	0.0	0.0	0.1	0.0	0.0
	Wood	1,438	884	2,122	0.00	1,454	378	0.0	0.0	0.0	0.0	0.0
	Nushagak	1,545	752	2,409	0.00	1,551	505	0.1	0.0	0.1	0.1	0.0
	Kvichak	3,308	2,367	4,332	0.00	3,306	601	0.1	0.0	0.1	0.1	0.0
	Alagnak	1,422	880	2,093	0.00	1,437	372	0.0	0.0	0.1	0.0	0.0
	Naknek	4,757	3,648	5,927	0.00	4,742	695	0.1	0.0	0.1	0.1	0.0
	Egegik	5,986	4,662	7,361	0.00	5,962	821	0.1	0.1	0.1	0.1	0.0
	Ugashik	2,452	1,482	3,545	0.00	2,462	629	0.1	0.1	0.1	0.1	0.0
North Peninsula	Cinder	0	0	218	0.75	30	93	0.0	0.0	0.1	0.0	0.0
	Meshik	0	0	107	0.81	21	97	0.0	0.0	0.0	0.0	0.0
	Ilnik	924	0	1,724	0.05	923	478	1.0	0.0	2.4	1.1	0.7
	Sandy	0	0	288	0.64	48	112	0.0	0.0	0.7	0.1	0.3
	Bear	3,780	2,823	4,827	0.00	3,776	612	0.3	0.3	0.4	0.4	0.1
	Nelson	79	0	398	0.07	122	136	0.0	0.0	0.1	0.0	0.0
	NW Dist.-BH	151	15	481	0.01	186	154	0.0	0.0	0.1	0.0	0.0
South Peninsula		8,497	7,033	9,965	0.00	8,449	892	3.9	2.0	6.9	4.1	1.5
Chignik	Black Lake	11,124	9,358	12,842	0.00	11,050	1,063	1.6	1.3	1.8	1.6	0.2
	Chignik Lake	16,774	14,505	18,836	0.00	16,640	1,322	2.0	1.7	2.2	2.0	0.2
East of WASSIP		10,000	8,491	11,476	0.00	9,934	911	–	–	–	–	–
Total		74,852				74,852						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
Note: Harvest rates are calculated by dividing the harvest posterior by total run posterior distributions; therefore, mean harvest rate may not equal harvest rate calculated from numbers reported in the tables if distributions are highly skewed.
Note: Harvest rate for East of WASSIP not calculated because it was not part of WASSIP plan.
[a] Adjusted median; 1.01 times unadjusted median.

Appendix D10.–East Stepovak and Stepovak Flats sections, Southeastern District Mainland area, Southeastern District, Alaska Peninsula Area, Westward Region, 2006, all strata. Subregional reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, the probability that reporting group harvest estimate is equal to zero ($P = 0$), means, and SDs are reported.

Reporting Group		Harvest = 145,484; 2 strata						Harvest Rate (%)				
			90% CI						90% CI			
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD	Median	5%	95%	Mean	SD
Norton Sound		0	0	13	0.89	7	55	0.0	0.0	0.0	0.0	0.1
Kuskokwim Bay	Kuskokwim R.	0	0	21	0.88	9	67	0.0	0.0	0.0	0.0	0.0
	Kanektok	0	0	171	0.83	30	139	0.0	0.0	0.0	0.0	0.0
	Goodnews	0	0	31	0.88	12	77	0.0	0.0	0.0	0.0	0.0
Bristol Bay	Togiak	0	0	15	0.89	8	65	0.0	0.0	0.0	0.0	0.0
	Igushik	0	0	10	0.89	5	37	0.0	0.0	0.0	0.0	0.0
	Wood	0	0	9	0.90	5	36	0.0	0.0	0.0	0.0	0.0
	Nushagak	0	0	18	0.88	9	69	0.0	0.0	0.0	0.0	0.0
	Kvichak	0	0	34	0.87	15	99	0.0	0.0	0.0	0.0	0.0
	Alagnak	87	0	823	0.32	209	299	0.0	0.0	0.0	0.0	0.0
	Naknek	0	0	286	0.81	42	168	0.0	0.0	0.0	0.0	0.0
	Egegik	0	0	64	0.86	24	147	0.0	0.0	0.0	0.0	0.0
	Ugashik	0	0	1,177	0.52	259	433	0.0	0.0	0.0	0.0	0.0
North Peninsula	Cinder	0	0	25	0.88	11	79	0.0	0.0	0.0	0.0	0.0
	Meshik	0	0	523	0.82	69	280	0.0	0.0	0.1	0.0	0.1
	Ilnik	0	0	15	0.89	7	57	0.0	0.0	0.0	0.0	0.0
	Sandy	0	0	84	0.86	25	135	0.0	0.0	0.1	0.0	0.1
	Bear	0	0	34	0.87	15	98	0.0	0.0	0.0	0.0	0.0
	Nelson	0	0	10	0.90	5	35	0.0	0.0	0.0	0.0	0.0
	NW Dist.-BH	0	0	14	0.89	7	58	0.0	0.0	0.0	0.0	0.0
South Peninsula		0	0	738	0.57	140	287	0.0	0.0	0.5	0.1	0.2
Chignik	Black Lake	19,573	14,932	24,571	0.00	19,546	2,936	1.4	1.1	1.8	1.5	0.2
	Chignik Lake	63,144	55,582	70,156	0.00	62,729	4,444	6.6	5.8	7.4	6.6	0.5
East of WASSIP		62,680	56,026	68,800	0.00	62,275	3,887	–	–	–	–	–
Total		145,484				145,463						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
Note: Harvest rates are calculated by dividing the harvest posterior by total run posterior distributions; therefore, mean harvest rate may not equal harvest rate calculated from numbers reported in the tables if distributions are highly skewed.
Note: Harvest rate for East of WASSIP not calculated because it was not part of WASSIP plan.
[a] Adjusted median; 1.01 times unadjusted median.

Appendix D11.–East Stepovak and Stepovak Flats sections, Southeastern District Mainland area, Southeastern District, Alaska Peninsula Area, Westward Region, 2007, all strata. Subregional reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, the probability that reporting group harvest estimate is equal to zero ($P = 0$), means, and SDs are reported.

Reporting Group		Harvest = 72,315; 1 stratum						Harvest Rate (%)				
			90% CI						90% CI			
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD	Median	5%	95%	Mean	SD
Norton Sound		0	0	1	0.95	2	20	0.0	0.0	0.0	0.0	0.0
Kuskokwim Bay	Kuskokwim R.	0	0	1	0.95	2	19	0.0	0.0	0.0	0.0	0.0
	Kanektok	0	0	1	0.95	2	21	0.0	0.0	0.0	0.0	0.0
	Goodnews	0	0	196	0.85	28	111	0.0	0.0	0.0	0.0	0.0
Bristol Bay	Togiak	0	0	301	0.78	43	133	0.0	0.0	0.0	0.0	0.0
	Igushik	0	0	5	0.93	7	48	0.0	0.0	0.0	0.0	0.0
	Wood	0	0	2	0.94	4	36	0.0	0.0	0.0	0.0	0.0
	Nushagak	0	0	1	0.94	3	25	0.0	0.0	0.0	0.0	0.0
	Kvichak	0	0	1	0.95	2	20	0.0	0.0	0.0	0.0	0.0
	Alagnak	0	0	1	0.95	2	21	0.0	0.0	0.0	0.0	0.0
	Naknek	0	0	1	0.95	2	22	0.0	0.0	0.0	0.0	0.0
	Egegik	0	0	1	0.94	3	25	0.0	0.0	0.0	0.0	0.0
	Ugashik	0	0	1	0.94	3	29	0.0	0.0	0.0	0.0	0.0
North Peninsula	Cinder	0	0	1	0.94	3	35	0.0	0.0	0.0	0.0	0.0
	Meshik	0	0	1	0.94	4	37	0.0	0.0	0.0	0.0	0.0
	Ilnik	0	0	1	0.94	4	37	0.0	0.0	0.0	0.0	0.0
	Sandy	0	0	18	0.92	16	105	0.0	0.0	0.0	0.0	0.1
	Bear	0	0	782	0.77	110	305	0.0	0.0	0.1	0.0	0.0
	Nelson	0	0	1	0.95	2	19	0.0	0.0	0.0	0.0	0.0
	NW Dist.-BH	0	0	394	0.86	48	179	0.0	0.0	0.1	0.0	0.1
South Peninsula		0	0	18	0.91	11	73	0.0	0.0	0.0	0.0	0.1
Chignik	Black Lake	5	0	1,516	0.42	299	546	0.0	0.0	0.2	0.0	0.1
	Chignik Lake	26,690	22,740	30,437	0.00	26,482	2,337	2.7	2.4	3.1	2.7	0.2
East of WASSIP		45,620	40,498	50,197	0.00	45,232	2,948	–	–	–	–	–
Total		72,315				72,314						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
Note: Harvest rates are calculated by dividing the harvest posterior by total run posterior distributions; therefore, mean harvest rate may not equal harvest rate calculated from numbers reported in the tables if distributions are highly skewed.
Note: Harvest rate for East of WASSIP not calculated because it was not part of WASSIP plan.
[a] Adjusted median; 1.01 times unadjusted median.

Appendix D12.–East Stepovak and Stepovak Flats sections, Southeastern District Mainland area, Southeastern District, Alaska Peninsula Area, Westward Region, 2008, all strata. Subregional reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, the probability that reporting group harvest estimate is equal to zero ($P = 0$), means, and SDs are reported.

Reporting Group		Harvest = 61,811; 1 stratum						Harvest Rate (%)				
			90% CI						90% CI			
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD	Median	5%	95%	Mean	SD
Norton Sound		0	0	1	0.95	2	16	0.0	0.0	0.0	0.0	0.1
Kuskokwim Bay	Kuskokwim R.	0	0	1	0.95	2	19	0.0	0.0	0.0	0.0	0.0
	Kanektok	0	0	46	0.90	10	55	0.0	0.0	0.0	0.0	0.0
	Goodnews	138	0	987	0.44	285	355	0.0	0.0	0.3	0.1	0.1
Bristol Bay	Togiak	0	0	23	0.91	10	61	0.0	0.0	0.0	0.0	0.0
	Igushik	0	0	306	0.81	40	131	0.0	0.0	0.0	0.0	0.0
	Wood	0	0	1	0.95	2	17	0.0	0.0	0.0	0.0	0.0
	Nushagak	0	0	1	0.94	3	29	0.0	0.0	0.0	0.0	0.0
	Kvichak	0	0	185	0.81	26	87	0.0	0.0	0.0	0.0	0.0
	Alagnak	0	0	1	0.95	2	17	0.0	0.0	0.0	0.0	0.0
	Naknek	0	0	1	0.95	2	16	0.0	0.0	0.0	0.0	0.0
	Egegik	0	0	1	0.95	2	25	0.0	0.0	0.0	0.0	0.0
	Ugashik	0	0	1	0.94	3	29	0.0	0.0	0.0	0.0	0.0
North Peninsula	Cinder	9	0	496	0.47	111	184	0.0	0.0	0.2	0.0	0.1
	Meshik	0	0	41	0.90	11	61	0.0	0.0	0.0	0.0	0.0
	Ilnik	0	0	1	0.95	2	23	0.0	0.0	0.0	0.0	0.0
	Sandy	0	0	1	0.94	4	35	0.0	0.0	0.0	0.0	0.1
	Bear	482	115	1,148	0.00	535	326	0.0	0.0	0.1	0.1	0.0
	Nelson	0	0	1	0.95	2	18	0.0	0.0	0.0	0.0	0.0
	NW Dist.-BH	0	0	40	0.91	15	87	0.0	0.0	0.0	0.0	0.0
South Peninsula		0	0	1	0.94	3	31	0.0	0.0	0.0	0.0	0.0
Chignik	Black Lake	0	0	11	0.92	13	93	0.0	0.0	0.0	0.0	0.0
	Chignik Lake	28,188	24,534	31,622	0.00	27,988	2,149	3.3	2.9	3.7	3.3	0.3
East of WASSIP		32,993	29,050	36,696	0.00	32,758	2,326	–	–	–	–	–
Total		61,810				61,831						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
Note: Harvest rates are calculated by dividing the harvest posterior by total run posterior distributions; therefore, mean harvest rate may not equal harvest rate calculated from numbers reported in the tables if distributions are highly skewed.
Note: Harvest rate for East of WASSIP not calculated because it was not part of WASSIP plan.
[a] Adjusted median; 1.01 times unadjusted median.

Appendix D13.–Northwest Stepovak Section, Southeastern District Mainland area, Southeastern District, Alaska Peninsula Area, Westward Region, 2006, all strata. Subregional reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, the probability that reporting group harvest estimate is equal to zero ($P = 0$), means, and SDs are reported.

Reporting Group		Harvest = 5,680; 1 stratum						Harvest Rate (%)				
			90% CI						90% CI			
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD	Median	5%	95%	Mean	SD
Norton Sound		0	0	0	0.97	0	3	0.0	0.0	0.0	0.0	0.0
Kuskokwim Bay	Kuskokwim R.	0	0	0	0.97	0	2	0.0	0.0	0.0	0.0	0.0
	Kanektok	0	0	0	0.96	0	3	0.0	0.0	0.0	0.0	0.0
	Goodnews	42	0	119	0.10	48	38	0.0	0.0	0.0	0.0	0.0
Bristol Bay	Togiak	0	0	20	0.91	3	15	0.0	0.0	0.0	0.0	0.0
	Igushik	0	0	0	0.95	1	4	0.0	0.0	0.0	0.0	0.0
	Wood	0	0	0	0.97	0	2	0.0	0.0	0.0	0.0	0.0
	Nushagak	0	0	7	0.92	2	10	0.0	0.0	0.0	0.0	0.0
	Kvichak	0	0	0	0.97	0	2	0.0	0.0	0.0	0.0	0.0
	Alagnak	0	0	0	0.96	0	3	0.0	0.0	0.0	0.0	0.0
	Naknek	0	0	0	0.97	0	2	0.0	0.0	0.0	0.0	0.0
	Egegik	0	0	0	0.97	0	2	0.0	0.0	0.0	0.0	0.0
	Ugashik	0	0	0	0.97	0	2	0.0	0.0	0.0	0.0	0.0
North Peninsula	Cinder	0	0	1	0.94	1	9	0.0	0.0	0.0	0.0	0.0
	Meshik	0	0	24	0.87	3	12	0.0	0.0	0.0	0.0	0.0
	Ilnik	0	0	1	0.94	2	11	0.0	0.0	0.0	0.0	0.0
	Sandy	0	0	14	0.90	2	11	0.0	0.0	0.0	0.0	0.0
	Bear	0	0	0	0.95	1	6	0.0	0.0	0.0	0.0	0.0
	Nelson	0	0	0	0.97	0	2	0.0	0.0	0.0	0.0	0.0
	NW Dist.-BH	0	0	32	0.84	4	13	0.0	0.0	0.0	0.0	0.0
South Peninsula		386	261	535	0.00	388	84	0.3	0.1	0.5	0.3	0.1
Chignik	Black Lake	104	1	250	0.04	111	77	0.0	0.0	0.0	0.0	0.0
	Chignik Lake	3,761	3,336	4,149	0.00	3,733	247	0.4	0.4	0.4	0.4	0.0
East of WASSIP		1,387	1,136	1,638	0.00	1,378	153	–	–	–	–	–
Total		5,680				5,677						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
Note: Harvest rates are calculated by dividing the harvest posterior by total run posterior distributions; therefore, mean harvest rate may not equal harvest rate calculated from numbers reported in the tables if distributions are highly skewed.
Note: Harvest rate for East of WASSIP not calculated because it was not part of WASSIP plan.
[a] Adjusted median; 1.01 times unadjusted median.

Appendix D14.–Northwest Stepovak Section, Southeastern District Mainland area, Southeastern District, Alaska Peninsula Area, Westward Region, 2007, all strata. Subregional reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, the probability that reporting group harvest estimate is equal to zero ($P = 0$), means, and SDs are reported.

Reporting Group		Harvest = 127; 1 stratum						Harvest Rate (%)				
			90% CI						90% CI			
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD	Median	5%	95%	Mean	SD
Norton Sound		0	0	0	1.00	0	0	0.0	0.0	0.0	0.0	0.0
Kuskokwim Bay	Kuskokwim R.	0	0	0	1.00	0	0	0.0	0.0	0.0	0.0	0.0
	Kanektok	0	0	0	1.00	0	0	0.0	0.0	0.0	0.0	0.0
	Goodnews	1	0	3	0.29	1	1	0.0	0.0	0.0	0.0	0.0
Bristol Bay	Togiak	0	0	0	0.95	0	0	0.0	0.0	0.0	0.0	0.0
	Igushik	0	0	0	0.99	0	0	0.0	0.0	0.0	0.0	0.0
	Wood	0	0	0	1.00	0	0	0.0	0.0	0.0	0.0	0.0
	Nushagak	0	0	0	0.97	0	0	0.0	0.0	0.0	0.0	0.0
	Kvichak	0	0	0	1.00	0	0	0.0	0.0	0.0	0.0	0.0
	Alagnak	0	0	0	1.00	0	0	0.0	0.0	0.0	0.0	0.0
	Naknek	0	0	0	1.00	0	0	0.0	0.0	0.0	0.0	0.0
	Egegik	0	0	0	1.00	0	0	0.0	0.0	0.0	0.0	0.0
	Ugashik	0	0	0	1.00	0	0	0.0	0.0	0.0	0.0	0.0
North Peninsula	Cinder	0	0	0	0.98	0	0	0.0	0.0	0.0	0.0	0.0
	Meshik	0	0	1	0.95	0	0	0.0	0.0	0.0	0.0	0.0
	Ilnik	0	0	0	0.98	0	0	0.0	0.0	0.0	0.0	0.0
	Sandy	0	0	0	0.96	0	0	0.0	0.0	0.0	0.0	0.0
	Bear	0	0	0	0.99	0	0	0.0	0.0	0.0	0.0	0.0
	Nelson	0	0	0	1.00	0	0	0.0	0.0	0.0	0.0	0.0
	NW Dist.-BH	0	0	1	0.93	0	0	0.0	0.0	0.0	0.0	0.0
South Peninsula		9	6	12	0.00	9	2	0.0	0.0	0.0	0.0	0.0
Chignik	Black Lake	2	0	6	0.13	2	2	0.0	0.0	0.0	0.0	0.0
	Chignik Lake	84	75	93	0.00	83	6	0.0	0.0	0.0	0.0	0.0
East of WASSIP		31	25	37	0.00	31	3	–	–	–	–	–
Total		127				126						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
Note: Harvest rates are calculated by dividing the harvest posterior by total run posterior distributions; therefore, mean harvest rate may not equal harvest rate calculated from numbers reported in the tables if distributions are highly skewed.
Note: Harvest rate for East of WASSIP not calculated because it was not part of WASSIP plan.
[a] Adjusted median; 1.01 times unadjusted median.

Appendix D15.–Northwest Stepovak Section, Southeastern District Mainland area, Southeastern District, Alaska Peninsula Area, Westward Region, 2008, all strata. Subregional reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, the probability that reporting group harvest estimate is equal to zero ($P = 0$), means, and SDs are reported.

Reporting Group		Harvest = 41,914; 3 strata						Harvest Rate (%)				
			90% CI						90% CI			
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD	Median	5%	95%	Mean	SD
Norton Sound		0	0	6	0.88	2	10	0.0	0.0	0.0	0.0	0.0
Kuskokwim Bay	Kuskokwim R.	0	0	5	0.89	1	8	0.0	0.0	0.0	0.0	0.0
	Kanektok	0	0	13	0.86	3	13	0.0	0.0	0.0	0.0	0.0
	Goodnews	78	0	218	0.09	88	70	0.0	0.0	0.1	0.0	0.0
Bristol Bay	Togiak	0	0	48	0.83	7	28	0.0	0.0	0.0	0.0	0.0
	Igushik	0	0	110	0.75	16	51	0.0	0.0	0.0	0.0	0.0
	Wood	0	0	113	0.71	17	48	0.0	0.0	0.0	0.0	0.0
	Nushagak	0	0	53	0.82	8	35	0.0	0.0	0.0	0.0	0.0
	Kvichak	57	4	266	0.01	85	90	0.0	0.0	0.0	0.0	0.0
	Alagnak	53	4	225	0.01	75	75	0.0	0.0	0.0	0.0	0.0
	Naknek	2	0	212	0.47	46	80	0.0	0.0	0.0	0.0	0.0
	Egegik	199	60	538	0.01	233	152	0.0	0.0	0.0	0.0	0.0
	Ugashik	0	0	481	0.59	96	173	0.0	0.0	0.0	0.0	0.0
North Peninsula	Cinder	0	0	380	0.69	56	138	0.0	0.0	0.1	0.0	0.1
	Meshik	0	0	409	0.62	65	149	0.0	0.0	0.1	0.0	0.1
	Ilnik	0	0	200	0.76	28	99	0.0	0.0	0.2	0.0	0.1
	Sandy	0	0	92	0.75	16	56	0.0	0.0	0.2	0.0	0.1
	Bear	287	0	746	0.18	302	246	0.0	0.0	0.1	0.0	0.0
	Nelson	0	0	5	0.89	1	9	0.0	0.0	0.0	0.0	0.0
	NW Dist.-BH	0	0	64	0.76	9	27	0.0	0.0	0.0	0.0	0.0
South Peninsula		12,322	10,830	13,594	0.00	12,174	845	5.6	2.9	9.8	5.9	2.1
Chignik	Black Lake	10,758	9,183	12,145	0.00	10,632	900	1.5	1.3	1.7	1.5	0.1
	Chignik Lake	11,268	9,783	12,594	0.00	11,142	854	1.3	1.1	1.5	1.3	0.1
East of WASSIP		6,891	5,855	7,840	0.00	6,815	603	–	–	–	–	–
Total		41,915				41,917						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
Note: Harvest rates are calculated by dividing the harvest posterior by total run posterior distributions; therefore, mean harvest rate may not equal harvest rate calculated from numbers reported in the tables if distributions are highly skewed.
Note: Harvest rate for East of WASSIP not calculated because it was not part of WASSIP plan.
[a] Adjusted median; 1.01 times unadjusted median.

Appendix D16.–Southwest Stepovak, Balboa Bay, and Beaver Bay sections (statistical areas 281-70, 281-80, 281-90), Southeastern District Mainland area, Southeastern District, Alaska Peninsula Area, Westward Region, 2006, all strata. Subregional reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, the probability that reporting group harvest estimate is equal to zero ($P = 0$), means, and SDs are reported.

Reporting Group		Harvest = 88,943; 2 strata						Harvest Rate (%)				
			90% CI						90% CI			
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD	Median	5%	95%	Mean	SD
Norton Sound		0	0	7	0.90	3	24	0.0	0.0	0.0	0.0	0.0
Kuskokwim Bay	Kuskokwim R.	25	0	189	0.28	51	70	0.0	0.0	0.0	0.0	0.0
	Kanektok	0	0	8	0.90	3	23	0.0	0.0	0.0	0.0	0.0
	Goodnews	0	0	12	0.89	6	43	0.0	0.0	0.0	0.0	0.0
Bristol Bay	Togiak	0	0	14	0.89	6	46	0.0	0.0	0.0	0.0	0.0
	Igushik	0	0	149	0.74	22	64	0.0	0.0	0.0	0.0	0.0
	Wood	0	0	36	0.86	7	33	0.0	0.0	0.0	0.0	0.0
	Nushagak	0	0	16	0.89	5	31	0.0	0.0	0.0	0.0	0.0
	Kvichak	0	0	9	0.90	4	35	0.0	0.0	0.0	0.0	0.0
	Alagnak	0	0	7	0.90	4	30	0.0	0.0	0.0	0.0	0.0
	Naknek	0	0	8	0.90	4	30	0.0	0.0	0.0	0.0	0.0
	Egegik	0	0	28	0.88	11	65	0.0	0.0	0.0	0.0	0.0
	Ugashik	0	0	380	0.74	55	162	0.0	0.0	0.0	0.0	0.0
North Peninsula	Cinder	0	0	62	0.86	18	104	0.0	0.0	0.0	0.0	0.0
	Meshik	0	0	142	0.85	27	126	0.0	0.0	0.0	0.0	0.0
	Ilnik	0	0	17	0.89	7	51	0.0	0.0	0.0	0.0	0.0
	Sandy	0	0	311	0.53	67	161	0.0	0.0	0.3	0.1	0.1
	Bear	0	0	12	0.89	6	49	0.0	0.0	0.0	0.0	0.0
	Nelson	0	0	228	0.78	33	113	0.0	0.0	0.0	0.0	0.0
	NW Dist.-BH	0	0	9	0.90	5	40	0.0	0.0	0.0	0.0	0.0
South Peninsula		156	0	467	0.13	183	163	0.1	0.0	0.4	0.1	0.1
Chignik	Black Lake	12,897	10,106	15,911	0.00	12,889	1,765	1.0	0.8	1.2	1.0	0.1
	Chignik Lake	32,382	28,133	36,550	0.00	32,244	2,567	3.4	2.9	3.8	3.4	0.3
East of WASSIP		43,484	39,137	47,658	0.00	43,281	2,592	–	–	–	–	–
Total		88,944				88,941						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
Note: Harvest rates are calculated by dividing the harvest posterior by total run posterior distributions; therefore, mean harvest rate may not equal harvest rate calculated from numbers reported in the tables if distributions are highly skewed.
Note: Harvest rate for East of WASSIP not calculated because it was not part of WASSIP plan.
[a] Adjusted median; 1.01 times unadjusted median.

Appendix D17.–Southwest Stepovak, Balboa Bay, and Beaver Bay sections (statistical areas 281-70, 281-80, 281-90), Southeastern District Mainland area, Southeastern District, Alaska Peninsula Area, Westward Region, 2007, all strata. Subregional reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, the probability that reporting group harvest estimate is equal to zero ($P = 0$), means, and SDs are reported.

Reporting Group		Harvest = 73,512; 1 stratum						Harvest Rate (%)				
			90% CI						90% CI			
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD	Median	5%	95%	Mean	SD
Norton Sound		0	0	2	0.94	4	38	0.0	0.0	0.0	0.0	0.1
Kuskokwim Bay	Kuskokwim R.	0	0	1	0.95	2	21	0.0	0.0	0.0	0.0	0.0
	Kanektok	0	0	3	0.93	6	52	0.0	0.0	0.0	0.0	0.0
	Goodnews	0	0	6	0.93	7	52	0.0	0.0	0.0	0.0	0.0
Bristol Bay	Togiak	0	0	3	0.93	5	45	0.0	0.0	0.0	0.0	0.0
	Igushik	0	0	2	0.94	4	38	0.0	0.0	0.0	0.0	0.0
	Wood	0	0	1	0.94	3	28	0.0	0.0	0.0	0.0	0.0
	Nushagak	0	0	4	0.93	6	48	0.0	0.0	0.0	0.0	0.0
	Kvichak	0	0	264	0.85	36	141	0.0	0.0	0.0	0.0	0.0
	Alagnak	0	0	1	0.94	3	29	0.0	0.0	0.0	0.0	0.0
	Naknek	388	64	1,108	0.00	457	335	0.0	0.0	0.0	0.0	0.0
	Egegik	0	0	43	0.91	16	93	0.0	0.0	0.0	0.0	0.0
	Ugashik	0	0	410	0.82	53	183	0.0	0.0	0.0	0.0	0.0
North Peninsula	Cinder	0	0	2	0.94	5	46	0.0	0.0	0.0	0.0	0.0
	Meshik	0	0	1	0.94	3	28	0.0	0.0	0.0	0.0	0.0
	Ilnik	0	0	1,006	0.82	123	377	0.0	0.0	0.4	0.1	0.2
	Sandy	0	0	865	0.68	143	322	0.0	0.0	1.0	0.2	0.4
	Bear	0	0	8	0.92	9	64	0.0	0.0	0.0	0.0	0.0
	Nelson	0	0	260	0.86	34	133	0.0	0.0	0.0	0.0	0.0
	NW Dist.-BH	0	0	30	0.91	20	118	0.0	0.0	0.0	0.0	0.0
South Peninsula		0	0	1	0.94	4	44	0.0	0.0	0.0	0.0	0.0
Chignik	Black Lake	37	0	1,604	0.34	360	576	0.0	0.0	0.2	0.1	0.1
	Chignik Lake	27,127	23,044	30,735	0.00	26,798	2,338	2.8	2.4	3.2	2.8	0.2
East of WASSIP		45,960	40,596	50,419	0.00	45,391	2,980	–	–	–	–	–
Total		73,512				73,492						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
Note: Harvest rates are calculated by dividing the harvest posterior by total run posterior distributions; therefore, mean harvest rate may not equal harvest rate calculated from numbers reported in the tables if distributions are highly skewed.
Note: Harvest rate for East of WASSIP not calculated because it was not part of WASSIP plan.
[a] Adjusted median; 1.01 times unadjusted median.

Appendix D18.–Southwest Stepovak, Balboa Bay, and Beaver Bay sections (statistical areas 281-70, 281-80, 281-90), Southeastern District Mainland area, Southeastern District, Alaska Peninsula Area, Westward Region, 2008, all strata. Subregional reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, the probability that reporting group harvest estimate is equal to zero ($P = 0$), means, and SDs are reported.

Reporting Group		Harvest = 46,093; 1 stratum						Harvest Rate (%)				
			90% CI						90% CI			
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD	Median	5%	95%	Mean	SD
Norton Sound		0	0	1	0.95	2	22	0.0	0.0	0.0	0.0	0.1
Kuskokwim Bay	Kuskokwim R.	0	0	1	0.95	2	23	0.0	0.0	0.0	0.0	0.0
	Kanektok	86	6	367	0.01	123	122	0.0	0.0	0.1	0.1	0.1
	Goodnews	0	0	1	0.94	4	36	0.0	0.0	0.0	0.0	0.0
Bristol Bay	Togiak	0	0	2	0.94	4	32	0.0	0.0	0.0	0.0	0.0
	Igushik	499	0	1,090	0.17	498	344	0.0	0.0	0.1	0.0	0.0
	Wood	0	0	587	0.77	87	210	0.0	0.0	0.0	0.0	0.0
	Nushagak	0	0	1	0.94	3	24	0.0	0.0	0.0	0.0	0.0
	Kvichak	0	0	291	0.76	42	116	0.0	0.0	0.0	0.0	0.0
	Alagnak	0	0	0	0.95	1	12	0.0	0.0	0.0	0.0	0.0
	Naknek	296	36	802	0.01	339	244	0.0	0.0	0.0	0.0	0.0
	Egegik	0	0	364	0.77	51	141	0.0	0.0	0.0	0.0	0.0
	Ugashik	0	0	11	0.92	8	54	0.0	0.0	0.0	0.0	0.0
North Peninsula	Cinder	0	0	384	0.85	48	177	0.0	0.0	0.1	0.0	0.1
	Meshik	709	0	1,858	0.30	717	650	0.2	0.0	0.6	0.2	0.2
	Ilnik	866	0	2,053	0.22	862	687	0.9	0.0	2.8	1.1	0.9
	Sandy	0	0	4	0.93	5	37	0.0	0.0	0.0	0.0	0.1
	Bear	1,492	779	2,507	0.00	1,534	533	0.1	0.1	0.2	0.1	0.1
	Nelson	0	0	0	0.95	1	12	0.0	0.0	0.0	0.0	0.0
	NW Dist.-BH	0	0	0	0.95	2	15	0.0	0.0	0.0	0.0	0.0
South Peninsula		1,746	1,001	2,691	0.00	1,770	520	0.8	0.3	1.6	0.9	0.4
Chignik	Black Lake	0	0	7	0.92	10	70	0.0	0.0	0.0	0.0	0.0
	Chignik Lake	23,895	20,876	26,551	0.00	23,637	1,728	2.8	2.4	3.1	2.8	0.2
East of WASSIP		16,503	13,987	18,813	0.00	16,332	1,471	–	–	–	–	–
Total		46,092				46,082						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
Note: Harvest rates are calculated by dividing the harvest posterior by total run posterior distributions; therefore, mean harvest rate may not equal harvest rate calculated from numbers reported in the tables if distributions are highly skewed.
Note: Harvest rate for East of WASSIP not calculated because it was not part of WASSIP plan.
[a] Adjusted median; 1.01 times unadjusted median.

Appendix D19.–June, Shumagin Islands Section (statistical areas all 282-XX), Alaska Peninsula Area, Westward Region, 2006, all strata. Subregional reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, the probability that reporting group harvest estimate is equal to zero ($P = 0$), means, and SDs are reported.

Reporting Group		Harvest = 441,238; 3 strata						Harvest Rate (%)				
			90% CI						90% CI			
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD	Median	5%	95%	Mean	SD
Norton Sound		0	0	129	0.81	32	173	0.0	0.0	0.2	0.0	0.2
Kuskokwim Bay	Kuskokwim R.	140	0	4,987	0.42	1,488	1,856	0.0	0.0	0.5	0.1	0.2
	Kanektok	197	0	1,951	0.33	501	705	0.0	0.0	0.5	0.1	0.2
	Goodnews	3,559	572	7,214	0.02	3,668	1,999	0.7	0.1	1.7	0.8	0.5
Bristol Bay	Togiak	1,129	49	3,826	0.02	1,411	1,227	0.1	0.0	0.5	0.2	0.2
	Igushik	5,306	1,858	9,527	0.02	5,398	2,377	0.7	0.2	1.3	0.7	0.3
	Wood	65,877	56,520	74,371	0.00	65,181	5,422	0.5	0.5	0.6	0.5	0.1
	Nushagak	9,560	5,586	14,502	0.00	9,655	2,742	0.4	0.2	0.6	0.4	0.1
	Kvichak	10,986	6,713	15,915	0.00	11,016	2,803	0.2	0.1	0.3	0.2	0.1
	Alagnak	17,817	13,209	22,753	0.00	17,737	2,915	0.5	0.4	0.7	0.5	0.1
	Naknek	33,035	26,011	40,202	0.00	32,796	4,317	0.6	0.5	0.8	0.6	0.1
	Egegik	67,375	54,948	78,922	0.00	66,679	7,320	0.8	0.6	0.9	0.8	0.1
	Ugashik	21,484	12,359	31,081	0.00	21,417	5,716	0.5	0.3	0.8	0.5	0.1
North Peninsula	Cinder	0	0	1,736	0.68	249	723	0.0	0.0	0.6	0.1	0.3
	Meshik	98	0	3,233	0.40	736	1,163	0.0	0.0	1.0	0.2	0.4
	Ilnik	2,170	688	4,132	0.02	2,243	1,074	0.9	0.3	1.9	1.0	0.5
	Sandy	0	0	94	0.82	25	141	0.0	0.0	0.1	0.0	0.1
	Bear	6,246	2,394	11,011	0.00	6,358	2,639	0.5	0.2	0.9	0.5	0.2
	Nelson	0	0	231	0.78	38	164	0.0	0.0	0.0	0.0	0.0
	NW Dist.-BH	0	0	770	0.51	154	294	0.0	0.0	0.3	0.1	0.1
South Peninsula		1,317	397	3,338	0.00	1,511	964	0.8	0.2	2.7	1.1	0.9
Chignik	Black Lake	73,914	63,612	83,105	0.00	73,111	5,925	5.4	4.8	6.2	5.4	0.4
	Chignik Lake	3,536	37	7,115	0.04	3,632	1,986	0.4	0.0	0.7	0.4	0.2
East of WASSIP		117,493	105,433	127,269	0.00	116,147	6,644	–	–	–	–	–
Total		441,239				441,183						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
Note: Harvest rates are calculated by dividing the harvest posterior by total run posterior distributions; therefore, mean harvest rate may not equal harvest rate calculated from numbers reported in the tables if distributions are highly skewed.
Note: Harvest rate for East of WASSIP not calculated because it was not part of WASSIP plan.
[a] Adjusted median; 1.01 times unadjusted median.

Appendix D20.–June, Shumagin Islands Section (statistical areas all 282-XX), Alaska Peninsula Area, Westward Region, 2007, all strata. Subregional reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, the probability that reporting group harvest estimate is equal to zero ($P = 0$), means, and SDs are reported.

Reporting Group		Harvest = 852,198; 3 strata						Harvest Rate (%)				
			90% CI						90% CI			
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD	Median	5%	95%	Mean	SD
Norton Sound		0	0	279	0.79	79	470	0.0	0.0	0.4	0.1	0.7
Kuskokwim Bay	Kuskokwim R.	638	0	3,158	0.11	976	1,131	0.1	0.0	0.7	0.2	0.3
	Kanektok	6,074	2,252	13,582	0.00	6,708	3,617	1.1	0.4	2.5	1.2	0.7
	Goodnews	379	0	10,789	0.37	2,404	3,823	0.1	0.0	2.4	0.5	0.9
Bristol Bay	Togiak	4,339	38	10,777	0.04	4,578	3,454	0.4	0.0	1.1	0.5	0.3
	Igushik	41,336	22,035	60,778	0.00	40,979	11,776	4.8	2.6	7.3	4.8	1.4
	Wood	160,576	133,931	184,304	0.00	158,385	15,329	1.9	1.6	2.2	1.9	0.2
	Nushagak	47,691	31,982	63,789	0.00	47,252	9,697	1.8	1.2	2.5	1.8	0.4
	Kvichak	48,269	33,616	63,941	0.00	47,954	9,251	0.8	0.6	1.1	0.8	0.2
	Alagnak	82,913	66,712	98,347	0.00	81,951	9,611	1.7	1.4	2.1	1.7	0.2
	Naknek	138,375	115,302	159,023	0.00	136,503	13,329	1.6	1.3	1.9	1.6	0.2
	Egegik	129,269	102,023	155,094	0.00	127,707	16,187	1.7	1.3	2.1	1.7	0.2
	Ugashik	106,109	79,723	131,027	0.00	104,700	15,601	1.4	1.0	1.7	1.4	0.2
North Peninsula	Cinder	1	0	6,725	0.49	1,425	2,484	0.0	0.0	1.6	0.3	0.6
	Meshik	725	0	8,846	0.37	2,347	3,203	0.3	0.0	4.2	1.1	1.5
	Ilnik	3	0	8,477	0.47	1,902	3,053	0.0	0.0	3.2	0.7	1.2
	Sandy	0	0	2,144	0.56	401	996	0.0	0.0	2.4	0.5	1.1
	Bear	1,255	37	4,652	0.04	1,624	1,525	0.1	0.0	0.3	0.1	0.1
	Nelson	1,351	0	4,931	0.15	1,707	1,657	0.2	0.0	0.8	0.3	0.3
	NW Dist.-BH	0	0	104	0.81	29	172	0.0	0.0	0.0	0.0	0.1
South Peninsula		0	0	149	0.81	49	322	0.0	0.0	0.1	0.0	0.2
Chignik	Black Lake	15,618	9,058	23,709	0.00	15,745	4,495	2.3	1.4	3.5	2.3	0.7
	Chignik Lake	6,836	2,531	12,443	0.01	7,006	3,083	0.7	0.3	1.3	0.7	0.3
East of WASSIP		60,440	48,478	72,105	0.00	59,760	7,180	–	–	–	–	–
Total		852,197				852,171						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
Note: Harvest rates are calculated by dividing the harvest posterior by total run posterior distributions; therefore, mean harvest rate may not equal harvest rate calculated from numbers reported in the tables if distributions are highly skewed.
Note: Harvest rate for East of WASSIP not calculated because it was not part of WASSIP plan.
[a] Adjusted median; 1.02 times unadjusted median.

Appendix D21.–June, Shumagin Islands Section (statistical areas all 282-XX), Alaska Peninsula Area, Westward Region, 2008, all strata. Subregional reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, the probability that reporting group harvest estimate is equal to zero ($P = 0$), means, and SDs are reported.

Reporting Group		Harvest = 649,005; 2 strata						Harvest Rate (%)				
			90% CI						90% CI			
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD	Median	5%	95%	Mean	SD
Norton Sound		0	0	46	0.87	23	178	0.0	0.0	0.2	0.1	0.5
Kuskokwim Bay	Kuskokwim R.	631	48	2,767	0.00	926	1,040	0.1	0.0	0.5	0.2	0.2
	Kanektok	6,791	0	19,413	0.35	7,061	7,125	2.6	0.0	7.3	2.7	2.7
	Goodnews	16,586	9,410	26,933	0.00	17,018	5,396	4.5	2.4	7.9	4.7	1.7
Bristol Bay	Togiak	1,799	0	5,431	0.15	2,080	1,905	0.2	0.0	0.7	0.3	0.3
	Igushik	31,658	13,780	49,344	0.00	31,306	10,811	1.8	0.8	2.9	1.8	0.6
	Wood	95,102	74,207	116,228	0.00	94,270	12,807	1.3	1.0	1.6	1.3	0.2
	Nushagak	39,298	25,950	53,223	0.00	39,034	8,312	1.9	1.2	2.6	1.9	0.4
	Kvichak	72,110	55,814	88,348	0.00	71,400	9,895	1.1	0.9	1.4	1.1	0.2
	Alagnak	26,696	18,365	36,003	0.00	26,622	5,387	0.6	0.4	0.8	0.6	0.1
	Naknek	68,202	52,793	83,492	0.00	67,519	9,364	0.8	0.6	1.0	0.8	0.1
	Egegik	126,729	103,174	149,683	0.00	125,405	14,163	1.6	1.3	1.9	1.6	0.2
	Ugashik	58,882	38,952	77,863	0.00	58,123	11,849	1.8	1.2	2.5	1.9	0.4
North Peninsula	Cinder	0	0	4,731	0.66	753	1,781	0.0	0.0	1.6	0.3	0.7
	Meshik	1,046	0	7,024	0.33	1,962	2,475	0.3	0.0	2.2	0.6	0.8
	Ilnik	0	0	4,809	0.65	788	1,790	0.0	0.0	5.5	0.9	2.1
	Sandy	3,291	0	8,116	0.08	3,545	2,483	7.6	0.0	17.5	8.0	5.3
	Bear	5,489	826	11,643	0.03	5,717	3,292	0.5	0.1	1.1	0.5	0.3
	Nelson	0	0	45	0.87	21	146	0.0	0.0	0.0	0.0	0.0
	NW Dist.-BH	1,953	416	5,255	0.00	2,260	1,554	0.3	0.1	1.1	0.4	0.4
South Peninsula		0	0	1,881	0.71	273	767	0.0	0.0	0.9	0.1	0.4
Chignik	Black Lake	26,992	18,529	35,879	0.00	26,797	5,278	3.8	2.6	5.0	3.8	0.7
	Chignik Lake	0	0	6,802	0.61	1,130	2,468	0.0	0.0	0.8	0.1	0.3
East of WASSIP		65,751	52,980	78,055	0.00	65,047	7,644	–	–	–	–	–
Total		649,006				649,080						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
Note: Harvest rates are calculated by dividing the harvest posterior by total run posterior distributions; therefore, mean harvest rate may not equal harvest rate calculated from numbers reported in the tables if distributions are highly skewed.
Note: Harvest rate for East of WASSIP not calculated because it was not part of WASSIP plan.
[a] Adjusted median; 1.02 times unadjusted median.

Appendix D22.–June, Dolgoi Island area (statistical areas 283-XX, 284-00 through 284-42), Alaska Peninsula Area, Westward Region, 2006, all strata. Subregional reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, the probability that reporting group harvest estimate is equal to zero ($P = 0$), means, and SDs are reported.

Reporting Group		Harvest = 243,215; 3 strata						Harvest Rate (%)				
			90% CI						90% CI			
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD	Median	5%	95%	Mean	SD
Norton Sound		0	0	308	0.73	45	145	0.0	0.0	0.4	0.1	0.2
Kuskokwim Bay	Kuskokwim R.	0	0	117	0.80	20	92	0.0	0.0	0.0	0.0	0.0
	Kanektok	0	0	740	0.61	120	295	0.0	0.0	0.2	0.0	0.1
	Goodnews	0	0	78	0.82	17	90	0.0	0.0	0.0	0.0	0.0
Bristol Bay	Togiak	0	0	78	0.82	20	111	0.0	0.0	0.0	0.0	0.0
	Igushik	360	0	2,480	0.36	726	885	0.1	0.0	0.3	0.1	0.1
	Wood	5,295	3,291	7,689	0.00	5,324	1,346	0.0	0.0	0.1	0.0	0.0
	Nushagak	0	0	849	0.70	120	364	0.0	0.0	0.0	0.0	0.0
	Kvichak	0	0	73	0.82	18	101	0.0	0.0	0.0	0.0	0.0
	Alagnak	1,732	834	2,974	0.00	1,782	658	0.1	0.0	0.1	0.1	0.0
	Naknek	853	262	1,908	0.00	933	520	0.0	0.0	0.0	0.0	0.0
	Egegik	7,075	4,870	9,604	0.00	7,078	1,446	0.1	0.1	0.1	0.1	0.0
	Ugashik	0	0	1,458	0.55	297	531	0.0	0.0	0.0	0.0	0.0
North Peninsula	Cinder	0	0	575	0.74	82	278	0.0	0.0	0.2	0.0	0.1
	Meshik	0	0	1,598	0.64	261	575	0.0	0.0	0.5	0.1	0.2
	Ilnik	640	0	2,138	0.14	776	710	0.3	0.0	1.0	0.3	0.3
	Sandy	0	0	56	0.83	14	80	0.0	0.0	0.1	0.0	0.1
	Bear	0	0	267	0.78	42	176	0.0	0.0	0.0	0.0	0.0
	Nelson	46	0	592	0.36	144	216	0.0	0.0	0.1	0.0	0.0
	NW Dist.-BH	0	0	74	0.82	17	86	0.0	0.0	0.0	0.0	0.0
South Peninsula		292	4	1,211	0.04	408	406	0.2	0.0	0.9	0.3	0.3
Chignik	Black Lake	171,745	158,355	180,475	0.00	169,394	6,714	12.6	11.8	13.4	12.6	0.5
	Chignik Lake	5	0	6,428	0.43	1,096	2,224	0.0	0.0	0.7	0.1	0.2
East of WASSIP		55,173	48,856	60,439	0.00	54,490	3,523	–	–	–	–	–
Total		243,216				243,224						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
Note: Harvest rates are calculated by dividing the harvest posterior by total run posterior distributions; therefore, mean harvest rate may not equal harvest rate calculated from numbers reported in the tables if distributions are highly skewed.
Note: Harvest rate for East of WASSIP not calculated because it was not part of WASSIP plan.
[a] Adjusted median; 1.01 times unadjusted median.

Appendix D23.–June, Dolgoi Island area (statistical areas 283-XX, 284-00 through 284-42), Alaska Peninsula Area, Westward Region, 2007, all strata. Subregional reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, the probability that reporting group harvest estimate is equal to zero ($P = 0$), means, and SDs are reported.

Reporting Group		Harvest = 80,300; 3 strata						Harvest Rate (%)				
			90% CI						90% CI			
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD	Median	5%	95%	Mean	SD
Norton Sound		0	0	134	0.67	22	55	0.0	0.0	0.2	0.0	0.1
Kuskokwim Bay	Kuskokwim R.	0	0	100	0.79	14	50	0.0	0.0	0.0	0.0	0.0
	Kanektok	327	92	768	0.00	363	214	0.1	0.0	0.1	0.1	0.0
	Goodnews	0	0	507	0.57	96	186	0.0	0.0	0.1	0.0	0.0
Bristol Bay	Togiak	0	0	386	0.72	54	150	0.0	0.0	0.0	0.0	0.0
	Igushik	2,174	944	3,652	0.00	2,203	830	0.3	0.1	0.4	0.3	0.1
	Wood	6,352	4,645	8,147	0.00	6,316	1,066	0.1	0.1	0.1	0.1	0.0
	Nushagak	342	78	725	0.01	365	214	0.0	0.0	0.0	0.0	0.0
	Kvichak	2,827	1,868	3,975	0.00	2,839	646	0.1	0.0	0.1	0.1	0.0
	Alagnak	3,752	2,600	5,040	0.00	3,749	742	0.1	0.1	0.1	0.1	0.0
	Naknek	2,524	1,617	3,604	0.00	2,536	609	0.0	0.0	0.0	0.0	0.0
	Egegik	5,426	3,700	7,275	0.00	5,405	1,088	0.1	0.1	0.1	0.1	0.0
	Ugashik	3,834	2,318	5,508	0.00	3,831	972	0.1	0.0	0.1	0.1	0.0
North Peninsula	Cinder	0	0	220	0.78	32	120	0.0	0.0	0.1	0.0	0.0
	Meshik	0	0	126	0.66	22	58	0.0	0.0	0.1	0.0	0.0
	Ilnik	386	0	1,261	0.25	448	435	0.1	0.0	0.5	0.2	0.2
	Sandy	0	0	259	0.64	46	95	0.0	0.0	0.3	0.1	0.1
	Bear	0	0	287	0.52	64	105	0.0	0.0	0.0	0.0	0.0
	Nelson	96	0	447	0.09	142	152	0.0	0.0	0.1	0.0	0.0
	NW Dist.-BH	0	0	10	0.87	3	22	0.0	0.0	0.0	0.0	0.0
South Peninsula		0	0	314	0.77	40	137	0.0	0.0	0.2	0.0	0.1
Chignik	Black Lake	16,051	13,599	18,302	0.00	15,889	1,435	2.4	2.0	2.7	2.4	0.2
	Chignik Lake	2,303	793	3,982	0.00	2,309	970	0.2	0.1	0.4	0.2	0.1
East of WASSIP		33,905	30,778	36,357	0.00	33,514	1,697	–	–	–	–	–
Total		80,299				80,302						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
Note: Harvest rates are calculated by dividing the harvest posterior by total run posterior distributions; therefore, mean harvest rate may not equal harvest rate calculated from numbers reported in the tables if distributions are highly skewed.
Note: Harvest rate for East of WASSIP not calculated because it was not part of WASSIP plan.
[a] Adjusted median; 1.01 times unadjusted median.

Appendix D24.–June, Dolgoi Island area (statistical areas 283-XX, 284-00 through 284-42), Alaska Peninsula Area, Westward Region, 2008, all strata. Subregional reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, the probability that reporting group harvest estimate is equal to zero ($P = 0$), means, and SDs are reported.

Reporting Group		Harvest = 35,338; 3 strata						Harvest Rate (%)				
			90% CI						90% CI			
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD	Median	5%	95%	Mean	SD
Norton Sound		0	0	3	0.91	1	11	0.0	0.0	0.0	0.0	0.0
Kuskokwim Bay	Kuskokwim R.	4	0	44	0.06	11	33	0.0	0.0	0.0	0.0	0.0
	Kanektok	0	0	544	0.51	109	192	0.0	0.0	0.2	0.0	0.1
	Goodnews	0	0	240	0.55	31	105	0.0	0.0	0.1	0.0	0.0
Bristol Bay	Togiak	215	28	545	0.00	239	162	0.0	0.0	0.1	0.0	0.0
	Igushik	1	0	500	0.49	99	179	0.0	0.0	0.0	0.0	0.0
	Wood	2,402	1,742	3,061	0.00	2,377	401	0.0	0.0	0.0	0.0	0.0
	Nushagak	1,485	916	2,117	0.00	1,480	366	0.1	0.0	0.1	0.1	0.0
	Kvichak	3,199	2,434	3,970	0.00	3,167	468	0.1	0.0	0.1	0.1	0.0
	Alagnak	814	471	1,238	0.00	820	235	0.0	0.0	0.0	0.0	0.0
	Naknek	1,947	1,377	2,563	0.00	1,935	362	0.0	0.0	0.0	0.0	0.0
	Egegik	4,822	3,675	5,987	0.00	4,774	703	0.1	0.1	0.1	0.1	0.0
	Ugashik	2,366	1,338	3,441	0.00	2,351	639	0.1	0.0	0.1	0.1	0.0
North Peninsula	Cinder	0	0	18	0.54	5	15	0.0	0.0	0.0	0.0	0.0
	Meshik	2	0	197	0.45	37	70	0.0	0.0	0.1	0.0	0.0
	Ilnik	2	0	8	0.16	3	9	0.0	0.0	0.0	0.0	0.0
	Sandy	0	0	10	0.88	3	15	0.0	0.0	0.0	0.0	0.0
	Bear	49	0	246	0.19	76	87	0.0	0.0	0.0	0.0	0.0
	Nelson	4	1	11	0.00	5	7	0.0	0.0	0.0	0.0	0.0
	NW Dist.-BH	0	0	7	0.87	2	15	0.0	0.0	0.0	0.0	0.0
South Peninsula		2	0	152	0.23	25	55	0.0	0.0	0.1	0.0	0.0
Chignik	Black Lake	11,248	9,883	12,324	0.00	11,076	744	1.6	1.4	1.8	1.6	0.1
	Chignik Lake	1,025	493	1,686	0.00	1,039	366	0.1	0.1	0.2	0.1	0.0
East of WASSIP		5,752	4,808	6,603	0.00	5,674	548	–	–	–	–	–
Total		35,339				35,339						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
Note: Harvest rates are calculated by dividing the harvest posterior by total run posterior distributions; therefore, mean harvest rate may not equal harvest rate calculated from numbers reported in the tables if distributions are highly skewed.
Note: Harvest rate for East of WASSIP not calculated because it was not part of WASSIP plan.
[a] Adjusted median; 1.02 times unadjusted median.

Appendix D25.–June, Ikatan area (statistical areas 284-45 through 284-99), Alaska Peninsula Area, Westward Region, 2006, all strata. Subregional reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, the probability that reporting group harvest estimate is equal to zero ($P = 0$), means, and SDs are reported.

Reporting Group		Harvest = 38,838; 3 strata						Harvest Rate (%)				
			90% CI						90% CI			
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD	Median	5%	95%	Mean	SD
Norton Sound		0	0	268	0.78	33	106	0.0	0.0	0.4	0.0	0.1
Kuskokwim Bay	Kuskokwim R.	0	0	343	0.57	79	125	0.0	0.0	0.0	0.0	0.0
	Kanektok	16	0	65	0.11	23	31	0.0	0.0	0.0	0.0	0.0
	Goodnews	0	0	243	0.52	49	91	0.0	0.0	0.1	0.0	0.0
Bristol Bay	Togiak	113	9	285	0.02	124	87	0.0	0.0	0.0	0.0	0.0
	Igushik	363	0	754	0.17	348	245	0.1	0.0	0.1	0.1	0.0
	Wood	8,209	7,005	9,244	0.00	8,092	680	0.1	0.1	0.1	0.1	0.0
	Nushagak	915	542	1,346	0.00	915	245	0.0	0.0	0.1	0.0	0.0
	Kvichak	1,803	1,211	2,455	0.00	1,794	379	0.0	0.0	0.0	0.0	0.0
	Alagnak	2,050	1,517	2,619	0.00	2,036	337	0.1	0.0	0.1	0.1	0.0
	Naknek	2,949	2,145	3,769	0.00	2,921	494	0.1	0.0	0.1	0.1	0.0
	Egegik	5,479	4,218	6,753	0.00	5,423	771	0.1	0.1	0.1	0.1	0.0
	Ugashik	2,779	1,767	3,793	0.00	2,752	615	0.1	0.0	0.1	0.1	0.0
North Peninsula	Cinder	0	0	116	0.78	17	59	0.0	0.0	0.0	0.0	0.0
	Meshik	73	0	470	0.39	143	169	0.0	0.0	0.2	0.0	0.1
	Ilnik	183	103	285	0.00	186	60	0.1	0.0	0.1	0.1	0.0
	Sandy	278	66	599	0.00	295	165	0.2	0.1	0.5	0.3	0.2
	Bear	516	266	882	0.00	532	190	0.0	0.0	0.1	0.0	0.0
	Nelson	50	4	205	0.01	70	68	0.0	0.0	0.0	0.0	0.0
	NW Dist.-BH	0	0	20	0.84	4	17	0.0	0.0	0.0	0.0	0.0
South Peninsula		250	95	594	0.00	284	158	0.2	0.1	0.5	0.2	0.2
Chignik	Black Lake	7,736	6,674	8,619	0.00	7,624	592	0.6	0.5	0.6	0.6	0.0
	Chignik Lake	0	0	441	0.62	74	158	0.0	0.0	0.1	0.0	0.0
East of WASSIP		5,077	4,275	5,806	0.00	5,011	467	–	–	–	–	–
Total		38,839				38,829						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
Note: Harvest rates are calculated by dividing the harvest posterior by total run posterior distributions; therefore, mean harvest rate may not equal harvest rate calculated from numbers reported in the tables if distributions are highly skewed.
Note: Harvest rate for East of WASSIP not calculated because it was not part of WASSIP plan.
[a] Adjusted median; 1.02 times unadjusted median.

Appendix D26.–June, Ikatan area (statistical areas 284-45 through 284-99), Alaska Peninsula Area, Westward Region, 2007, all strata. Subregional reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, the probability that reporting group harvest estimate is equal to zero ($P = 0$), means, and SDs are reported.

Reporting Group		Harvest = 186,327; 3 strata						Harvest Rate (%)				
			90% CI						90% CI			
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD	Median	5%	95%	Mean	SD
Norton Sound		0	0	1,598	0.53	339	578	0.0	0.0	2.4	0.5	0.9
Kuskokwim Bay	Kuskokwim R.	0	0	677	0.54	146	248	0.0	0.0	0.1	0.0	0.1
	Kanektok	1,590	186	4,459	0.00	1,834	1,421	0.3	0.0	0.8	0.3	0.3
	Goodnews	3,182	1,226	5,372	0.00	3,187	1,269	0.7	0.3	1.3	0.7	0.3
Bristol Bay	Togiak	726	0	2,625	0.16	906	875	0.1	0.0	0.3	0.1	0.1
	Igushik	9,537	5,569	14,184	0.00	9,558	2,635	1.1	0.6	1.7	1.1	0.3
	Wood	45,121	38,409	50,589	0.00	44,400	3,699	0.5	0.5	0.6	0.5	0.1
	Nushagak	7,508	4,676	11,040	0.00	7,553	1,948	0.3	0.2	0.4	0.3	0.1
	Kvichak	15,709	11,608	19,753	0.00	15,529	2,477	0.3	0.2	0.3	0.3	0.0
	Alagnak	13,445	10,583	16,244	0.00	13,284	1,730	0.3	0.2	0.3	0.3	0.0
	Naknek	12,820	9,663	16,138	0.00	12,707	1,975	0.2	0.1	0.2	0.2	0.0
	Egegik	35,247	28,284	41,850	0.00	34,798	4,136	0.5	0.4	0.6	0.5	0.1
	Ugashik	23,713	16,856	29,981	0.00	23,346	4,007	0.3	0.2	0.4	0.3	0.1
North Peninsula	Cinder	1,353	0	3,535	0.20	1,406	1,194	0.3	0.0	0.9	0.3	0.3
	Meshik	889	0	4,492	0.19	1,395	1,506	0.4	0.0	2.2	0.6	0.7
	Ilnik	0	0	538	0.74	79	270	0.0	0.0	0.2	0.0	0.1
	Sandy	244	0	871	0.26	298	306	0.3	0.0	1.0	0.3	0.4
	Bear	1,341	438	2,684	0.00	1,406	695	0.1	0.0	0.2	0.1	0.0
	Nelson	407	59	1,197	0.00	484	366	0.1	0.0	0.2	0.1	0.1
	NW Dist.-BH	0	0	428	0.61	73	169	0.0	0.0	0.1	0.0	0.1
South Peninsula		0	0	170	0.78	27	112	0.0	0.0	0.1	0.0	0.1
Chignik	Black Lake	3,946	2,478	5,589	0.00	3,936	954	0.6	0.4	0.8	0.6	0.1
	Chignik Lake	1	0	925	0.49	199	342	0.0	0.0	0.1	0.0	0.0
East of WASSIP		9,547	7,353	11,757	0.00	9,446	1,347	–	–	–	–	–
Total		186,326				186,336						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
Note: Harvest rates are calculated by dividing the harvest posterior by total run posterior distributions; therefore, mean harvest rate may not equal harvest rate calculated from numbers reported in the tables if distributions are highly skewed.
Note: Harvest rate for East of WASSIP not calculated because it was not part of WASSIP plan.
[a] Adjusted median; 1.02 times unadjusted median.

Appendix D27.–June, Ikatan area (statistical areas 284-45 through 284-99), Alaska Peninsula Area, Westward Region, 2008, all strata. Subregional reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, the probability that reporting group harvest estimate is equal to zero ($P = 0$), means, and SDs are reported.

Reporting Group		Harvest = 183,081; 3 strata						Harvest Rate (%)				
			90% CI						90% CI			
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD	Median	5%	95%	Mean	SD
Norton Sound		0	0	45	0.87	24	172	0.0	0.0	0.2	0.1	0.5
Kuskokwim Bay	Kuskokwim R.	0	0	69	0.86	25	181	0.0	0.0	0.0	0.0	0.0
	Kanektok	1,330	189	3,580	0.01	1,513	1,078	0.5	0.1	1.4	0.6	0.4
	Goodnews	152	0	2,617	0.41	630	948	0.0	0.0	0.7	0.2	0.3
Bristol Bay	Togiak	0	0	1,060	0.57	213	435	0.0	0.0	0.1	0.0	0.1
	Igushik	1,309	0	11,719	0.28	3,219	4,121	0.1	0.0	0.7	0.2	0.2
	Wood	34,922	24,475	42,004	0.00	33,636	5,313	0.5	0.3	0.6	0.5	0.1
	Nushagak	9,721	6,073	13,818	0.00	9,629	2,373	0.5	0.3	0.7	0.5	0.1
	Kvichak	33,128	25,955	39,238	0.00	32,319	4,052	0.5	0.4	0.6	0.5	0.1
	Alagnak	12,004	7,973	16,214	0.00	11,817	2,515	0.3	0.2	0.4	0.3	0.1
	Naknek	15,185	10,171	20,464	0.00	14,954	3,141	0.2	0.1	0.2	0.2	0.0
	Egegik	51,384	40,593	60,708	0.00	50,185	6,118	0.6	0.5	0.8	0.6	0.1
	Ugashik	12,858	4,439	20,567	0.00	12,430	4,901	0.4	0.1	0.7	0.4	0.2
North Peninsula	Cinder	0	0	1,558	0.76	209	722	0.0	0.0	0.5	0.1	0.3
	Meshik	0	0	3,295	0.63	516	1,236	0.0	0.0	1.0	0.2	0.4
	Ilnik	0	0	1,052	0.63	180	428	0.0	0.0	1.3	0.2	0.5
	Sandy	0	0	148	0.84	40	238	0.0	0.0	0.3	0.1	0.5
	Bear	2,536	1,038	4,982	0.00	2,660	1,238	0.2	0.1	0.5	0.2	0.1
	Nelson	217	44	700	0.00	285	321	0.1	0.0	0.2	0.1	0.1
	NW Dist.-BH	0	0	269	0.80	43	183	0.0	0.0	0.1	0.0	0.0
South Peninsula		209	43	590	0.00	247	193	0.1	0.0	0.3	0.1	0.1
Chignik	Black Lake	5,453	3,211	8,176	0.00	5,443	1,534	0.8	0.5	1.2	0.8	0.2
	Chignik Lake	0	0	782	0.74	119	383	0.0	0.0	0.1	0.0	0.0
East of WASSIP		2,672	1,362	4,724	0.00	2,761	1,052	–	–	–	–	–
Total		183,080				183,097						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
Note: Harvest rates are calculated by dividing the harvest posterior by total run posterior distributions; therefore, mean harvest rate may not equal harvest rate calculated from numbers reported in the tables if distributions are highly skewed.
Note: Harvest rate for East of WASSIP not calculated because it was not part of WASSIP plan.
[a] Adjusted median; 1.03 times unadjusted median.

Appendix D28.–June, Unimak District, Alaska Peninsula Area, Westward Region, 2006, all strata. Subregional reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, the probability that reporting group harvest estimate is equal to zero ($P = 0$), means, and SDs are reported.

Reporting Group		Harvest = 209,000; 3 strata						Harvest Rate (%)				
			90% CI						90% CI			
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD	Median	5%	95%	Mean	SD
Norton Sound		0	0	22	0.83	8	58	0.0	0.0	0.0	0.0	0.1
Kuskokwim Bay	Kuskokwim R.	0	0	552	0.67	80	254	0.0	0.0	0.1	0.0	0.0
	Kanektok	32	14	443	0.00	94	258	0.0	0.0	0.1	0.0	0.1
	Goodnews	174	19	1,038	0.01	298	419	0.0	0.0	0.2	0.1	0.1
Bristol Bay	Togiak	51	0	972	0.33	218	359	0.0	0.0	0.1	0.0	0.0
	Igushik	5,798	1,210	10,401	0.00	5,849	2,624	0.8	0.2	1.4	0.8	0.4
	Wood	47,560	39,919	54,495	0.00	46,999	4,438	0.4	0.3	0.4	0.4	0.0
	Nushagak	5,170	2,866	8,434	0.00	5,298	1,725	0.2	0.1	0.3	0.2	0.1
	Kvichak	4,730	3,129	6,960	0.00	4,807	1,187	0.1	0.1	0.1	0.1	0.0
	Alagnak	6,668	4,304	9,570	0.00	6,710	1,612	0.2	0.1	0.3	0.2	0.1
	Naknek	11,457	8,100	15,252	0.00	11,441	2,181	0.2	0.2	0.3	0.2	0.0
	Egegik	32,235	25,719	38,604	0.00	31,918	3,919	0.4	0.3	0.5	0.4	0.1
	Ugashik	12,367	7,749	17,460	0.00	12,342	2,953	0.3	0.2	0.4	0.3	0.1
North Peninsula	Cinder	5,440	2,367	9,078	0.01	5,485	2,070	1.8	0.6	4.1	2.0	1.1
	Meshik	324	129	992	0.00	433	592	0.1	0.0	0.3	0.1	0.2
	Ilnik	18	0	1,138	0.26	170	537	0.0	0.0	0.5	0.1	0.2
	Sandy	340	0	2,503	0.34	707	894	0.3	0.0	2.2	0.6	0.8
	Bear	309	131	1,409	0.00	441	545	0.0	0.0	0.1	0.0	0.0
	Nelson	0	0	20	0.79	7	47	0.0	0.0	0.0	0.0	0.0
	NW Dist.-BH	0	0	168	0.68	36	129	0.0	0.0	0.1	0.0	0.1
South Peninsula		939	313	2,230	0.00	1,054	610	0.6	0.2	1.9	0.8	0.6
Chignik	Black Lake	50,816	44,494	56,229	0.00	50,198	3,569	3.7	3.3	4.2	3.7	0.3
	Chignik Lake	0	0	289	0.60	69	230	0.0	0.0	0.0	0.0	0.0
East of WASSIP		24,570	20,060	28,971	0.00	24,343	2,711	–	–	–	–	–
Total		208,998				209,005						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
Note: Harvest rates are calculated by dividing the harvest posterior by total run posterior distributions; therefore, mean harvest rate may not equal harvest rate calculated from numbers reported in the tables if distributions are highly skewed.
Note: Harvest rate for East of WASSIP not calculated because it was not part of WASSIP plan.
[a] Adjusted median; 1.01 times unadjusted median.

Appendix D29.–June, Unimak District, Alaska Peninsula Area, Westward Region, 2007, all strata. Subregional reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, the probability that reporting group harvest estimate is equal to zero ($P = 0$), means, and SDs are reported.

Reporting Group		Harvest = 471,015; 3 strata						Harvest Rate (%)				
			90% CI						90% CI			
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD	Median	5%	95%	Mean	SD
Norton Sound		0	0	79	0.82	25	172	0.0	0.0	0.1	0.0	0.3
Kuskokwim Bay	Kuskokwim R.	74	0	10,870	0.41	2,567	3,922	0.0	0.0	2.3	0.5	0.9
	Kanektok	1,761	476	4,717	0.00	2,029	1,390	0.3	0.1	0.9	0.4	0.3
	Goodnews	7,895	718	14,760	0.00	7,725	4,209	1.7	0.2	3.5	1.8	1.0
Bristol Bay	Togiak	2,985	0	6,189	0.06	3,055	1,852	0.3	0.0	0.6	0.3	0.2
	Igushik	10,532	4,178	23,139	0.00	11,709	6,113	1.2	0.5	2.8	1.4	0.7
	Wood	142,844	121,748	158,768	0.00	139,869	11,269	1.7	1.5	1.9	1.7	0.1
	Nushagak	15,911	7,452	24,390	0.00	15,711	5,151	0.6	0.3	1.0	0.6	0.2
	Kvichak	40,182	29,893	50,414	0.00	39,611	6,266	0.7	0.5	0.9	0.7	0.1
	Alagnak	28,422	21,014	36,155	0.00	28,074	4,631	0.6	0.4	0.8	0.6	0.1
	Naknek	38,890	28,428	49,674	0.00	38,387	6,467	0.4	0.3	0.6	0.4	0.1
	Egegik	67,819	50,526	85,114	0.00	66,869	10,536	0.9	0.7	1.1	0.9	0.1
	Ugashik	63,955	45,522	80,837	0.00	62,752	10,728	0.8	0.6	1.1	0.8	0.1
North Peninsula	Cinder	1,146	0	3,799	0.27	1,318	1,337	0.2	0.0	1.0	0.3	0.4
	Meshik	1,827	0	9,251	0.35	2,805	3,282	0.7	0.0	4.4	1.3	1.6
	Ilnik	1,335	370	3,390	0.00	1,519	997	0.5	0.1	1.3	0.6	0.4
	Sandy	556	0	4,135	0.25	1,111	1,457	0.6	0.0	4.6	1.3	1.6
	Bear	2,762	1,028	5,422	0.00	2,895	1,379	0.2	0.1	0.3	0.2	0.1
	Nelson	0	0	143	0.77	36	218	0.0	0.0	0.0	0.0	0.0
	NW Dist.-BH	0	0	56	0.83	20	137	0.0	0.0	0.0	0.0	0.1
South Peninsula		841	175	3,352	0.00	1,154	1,097	0.5	0.1	2.5	0.8	0.9
Chignik	Black Lake	10,823	6,455	16,182	0.00	10,855	2,991	1.6	1.0	2.4	1.6	0.4
	Chignik Lake	0	0	4,044	0.54	777	1,472	0.0	0.0	0.4	0.1	0.2
East of WASSIP		30,456	22,918	38,088	0.00	30,042	4,632	–	–	–	–	–
Total		471,016				470,915						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
Note: Harvest rates are calculated by dividing the harvest posterior by total run posterior distributions; therefore, mean harvest rate may not equal harvest rate calculated from numbers reported in the tables if distributions are highly skewed.
Note: Harvest rate for East of WASSIP not calculated because it was not part of WASSIP plan.
[a] Adjusted median; 1.02 times unadjusted median.

Appendix D30.–June, Unimak District, Alaska Peninsula Area, Westward Region, 2008, all strata. Subregional reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, the probability that reporting group harvest estimate is equal to zero ($P = 0$), means, and SDs are reported.

Reporting Group		Harvest = 846,151; 3 strata						Harvest Rate (%)				
			90% CI						90% CI			
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD	Median	5%	95%	Mean	SD
Norton Sound		0	0	103	0.81	37	275	0.0	0.0	0.3	0.1	0.8
Kuskokwim Bay	Kuskokwim R.	1,073	350	3,048	0.00	1,327	1,219	0.2	0.0	0.6	0.2	0.2
	Kanektok	430	0	4,236	0.15	1,081	1,976	0.2	0.0	1.6	0.4	0.7
	Goodnews	9,261	914	20,625	0.03	9,802	5,932	2.5	0.3	5.8	2.7	1.7
Bristol Bay	Togiak	753	43	7,353	0.03	1,883	2,572	0.1	0.0	1.0	0.3	0.3
	Igushik	36,870	16,231	63,051	0.00	37,443	14,549	2.1	0.9	3.7	2.2	0.8
	Wood	148,342	112,963	182,067	0.00	146,601	21,031	2.0	1.6	2.5	2.0	0.3
	Nushagak	54,039	33,630	77,585	0.00	54,091	13,404	2.6	1.6	3.7	2.6	0.6
	Kvichak	132,332	106,213	157,023	0.00	130,725	15,419	2.1	1.7	2.5	2.1	0.3
	Alagnak	46,234	32,412	61,973	0.00	46,147	9,019	1.0	0.7	1.4	1.0	0.2
	Naknek	101,778	78,776	124,761	0.00	100,746	14,016	1.1	0.9	1.4	1.2	0.2
	Egegik	229,844	194,044	260,027	0.00	226,556	20,110	2.9	2.4	3.3	2.9	0.3
	Ugashik	24,330	13,178	45,083	0.00	25,616	9,804	0.8	0.4	1.4	0.8	0.3
North Peninsula	Cinder	2,340	0	4,464	0.06	2,363	1,370	0.7	0.0	1.9	0.8	0.6
	Meshik	7,350	2,993	13,343	0.00	7,580	3,214	2.1	0.8	4.4	2.3	1.2
	Ilnik	414	0	2,598	0.20	741	975	0.5	0.0	3.2	0.9	1.2
	Sandy	1,289	0	3,116	0.07	1,428	1,155	3.0	0.0	7.2	3.3	2.5
	Bear	16,781	7,327	27,846	0.00	16,920	6,239	1.5	0.7	2.5	1.6	0.6
	Nelson	3,553	1,712	7,791	0.00	3,958	1,974	0.8	0.4	1.9	0.9	0.5
	NW Dist.-BH	3,550	2,155	6,189	0.00	3,737	1,310	0.6	0.3	1.5	0.7	0.4
South Peninsula		5,012	1,696	10,035	0.00	5,282	2,591	2.2	0.7	5.5	2.5	1.6
Chignik	Black Lake	10,508	4,594	18,547	0.00	10,801	4,294	1.5	0.7	2.6	1.5	0.6
	Chignik Lake	36	0	5,404	0.44	1,098	1,873	0.0	0.0	0.6	0.1	0.2
East of WASSIP		10,031	6,099	15,252	0.00	10,177	2,828	–	–	–	–	–
Total		846,150				846,140						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
Note: Harvest rates are calculated by dividing the harvest posterior by total run posterior distributions; therefore, mean harvest rate may not equal harvest rate calculated from numbers reported in the tables if distributions are highly skewed.
Note: Harvest rate for East of WASSIP not calculated because it was not part of WASSIP plan.
[a] Adjusted median; 1.02 times unadjusted median.

Appendix D31.–Post-June, Shumagin Islands Section, Alaska Peninsula Area, Westward Region, 2006, all strata. Subregional reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, the probability that reporting group harvest estimate is equal to zero ($P = 0$), means, and SDs are reported.

Reporting Group		Harvest = 366,433; 4 strata						Harvest Rate (%)				
			90% CI						90% CI			
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD	Median	5%	95%	Mean	SD
Norton Sound		0	0	1,151	0.56	205	423	0.0	0.0	1.5	0.3	0.6
Kuskokwim Bay	Kuskokwim R.	10	0	1,537	0.39	336	560	0.0	0.0	0.2	0.0	0.1
	Kanektok	76	0	634	0.06	160	258	0.0	0.0	0.2	0.0	0.1
	Goodnews	2	0	1,054	0.46	192	442	0.0	0.0	0.2	0.0	0.1
Bristol Bay	Togiak	3,498	1,916	5,586	0.00	3,573	1,125	0.4	0.2	0.7	0.5	0.1
	Igushik	0	0	4,207	0.52	642	1,423	0.0	0.0	0.6	0.1	0.2
	Wood	6,679	2,885	9,487	0.00	6,527	1,892	0.1	0.0	0.1	0.1	0.0
	Nushagak	6,521	3,996	9,280	0.00	6,527	1,610	0.2	0.2	0.4	0.3	0.1
	Kvichak	2,130	1,040	3,615	0.00	2,190	791	0.0	0.0	0.1	0.0	0.0
	Alagnak	4,751	2,972	6,976	0.00	4,807	1,227	0.1	0.1	0.2	0.1	0.0
	Naknek	10,615	7,950	13,589	0.00	10,615	1,724	0.2	0.2	0.3	0.2	0.0
	Egegik	17,912	13,198	23,383	0.00	17,944	3,101	0.2	0.2	0.3	0.2	0.0
	Ugashik	8,262	3,763	12,528	0.00	8,174	2,645	0.2	0.1	0.3	0.2	0.1
North Peninsula	Cinder	3,730	841	6,555	0.02	3,710	1,706	1.2	0.2	2.9	1.4	0.8
	Meshik	346	0	3,480	0.31	816	1,207	0.1	0.0	1.1	0.2	0.4
	Ilnik	0	0	361	0.68	56	196	0.0	0.0	0.2	0.0	0.1
	Sandy	0	0	853	0.58	138	336	0.0	0.0	0.7	0.1	0.3
	Bear	14,596	11,544	17,869	0.00	14,554	1,926	1.2	0.9	1.4	1.2	0.2
	Nelson	0	0	66	0.76	13	63	0.0	0.0	0.0	0.0	0.0
	NW Dist.-BH	721	80	1,989	0.01	834	601	0.2	0.0	0.7	0.3	0.2
South Peninsula		2,869	1,476	4,827	0.00	2,956	1,028	1.8	0.7	4.4	2.1	1.2
Chignik	Black Lake	21,081	16,236	26,127	0.00	21,005	3,006	1.6	1.2	1.9	1.6	0.2
	Chignik Lake	64,529	57,123	71,317	0.00	64,062	4,314	6.7	6.0	7.5	6.7	0.5
East of WASSIP		198,106	185,502	207,562	0.00	196,421	6,725	–	–	–	–	–
Total		366,434				366,457						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
Note: Harvest rates are calculated by dividing the harvest posterior by total run posterior distributions; therefore, mean harvest rate may not equal harvest rate calculated from numbers reported in the tables if distributions are highly skewed.
Note: Harvest rate for East of WASSIP not calculated because it was not part of WASSIP plan.
[a] Adjusted median; 1.01 times unadjusted median.

Appendix D32.–Post-June, Shumagin Islands Section, Alaska Peninsula Area, Westward Region, 2007, all strata. Subregional reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, the probability that reporting group harvest estimate is equal to zero ($P = 0$), means, and SDs are reported.

Reporting Group		Harvest = 399,508; 4 strata						Harvest Rate (%)				
			90% CI						90% CI			
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD	Median	5%	95%	Mean	SD
Norton Sound		0	0	55	0.79	13	67	0.0	0.0	0.1	0.0	0.1
Kuskokwim Bay	Kuskokwim R.	6,079	2,845	9,944	0.00	6,145	2,187	1.1	0.4	2.6	1.2	0.7
	Kanektok	2,169	823	5,014	0.00	2,426	1,373	0.4	0.2	0.9	0.5	0.3
	Goodnews	11,122	3,982	17,060	0.01	10,693	4,143	2.5	0.9	4.2	2.5	1.0
Bristol Bay	Togiak	8,291	2,853	16,197	0.00	8,776	4,179	0.8	0.3	1.6	0.9	0.4
	Igushik	2,138	0	5,281	0.09	2,289	1,654	0.3	0.0	0.6	0.3	0.2
	Wood	50,287	42,261	57,715	0.00	49,826	4,706	0.6	0.5	0.7	0.6	0.1
	Nushagak	14,578	8,985	21,503	0.00	14,726	3,837	0.6	0.3	0.8	0.6	0.2
	Kvichak	10,035	5,801	15,011	0.00	10,095	2,817	0.2	0.1	0.3	0.2	0.1
	Alagnak	26,360	20,849	31,985	0.00	26,204	3,393	0.5	0.4	0.7	0.6	0.1
	Naknek	51,804	43,734	59,315	0.00	51,329	4,738	0.6	0.5	0.7	0.6	0.1
	Egegik	41,685	31,427	51,120	0.00	41,233	5,974	0.6	0.4	0.7	0.6	0.1
	Ugashik	14,847	6,452	24,781	0.00	15,047	5,553	0.2	0.1	0.3	0.2	0.1
North Peninsula	Cinder	56	0	3,315	0.40	759	1,191	0.0	0.0	0.8	0.2	0.3
	Meshik	22	0	1,854	0.43	473	739	0.0	0.0	0.9	0.2	0.4
	Ilnik	0	0	1,217	0.67	171	521	0.0	0.0	0.5	0.1	0.2
	Sandy	0	0	759	0.67	112	348	0.0	0.0	0.9	0.1	0.4
	Bear	18,294	13,695	23,159	0.00	18,220	2,886	1.1	0.8	1.4	1.1	0.2
	Nelson	320	5	1,375	0.04	454	459	0.1	0.0	0.2	0.1	0.1
	NW Dist.-BH	373	2	1,553	0.04	521	525	0.1	0.0	0.6	0.2	0.2
South Peninsula		1,169	58	3,172	0.03	1,340	955	0.7	0.0	2.6	0.9	0.8
Chignik	Black Lake	9,634	6,126	13,550	0.00	9,644	2,269	1.4	0.9	2.0	1.4	0.3
	Chignik Lake	24,595	19,901	29,430	0.00	24,447	2,899	2.5	2.1	3.0	2.5	0.3
East of WASSIP		105,651	95,666	113,776	0.00	104,548	5,508	–	–	–	–	–
Total		399,509				399,491						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
Note: Harvest rates are calculated by dividing the harvest posterior by total run posterior distributions; therefore, mean harvest rate may not equal harvest rate calculated from numbers reported in the tables if distributions are highly skewed.
Note: Harvest rate for East of WASSIP not calculated because it was not part of WASSIP plan.
[a] Adjusted median; 1.01 times unadjusted median.

Appendix D33.–Post-June, Shumagin Islands Section, Alaska Peninsula Area, Westward Region, 2008, all strata. Subregional reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, the probability that reporting group harvest estimate is equal to zero ($P = 0$), means, and SDs are reported.

Reporting Group		Harvest = 234,398; 4 strata						Harvest Rate (%)				
			90% CI						90% CI			
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD	Median	5%	95%	Mean	SD
Norton Sound		14	0	1,230	0.44	277	458	0.1	0.0	4.0	0.9	1.5
Kuskokwim Bay	Kuskokwim R.	1,712	670	2,949	0.00	1,732	697	0.3	0.1	0.6	0.3	0.2
	Kanektok	0	0	1,020	0.58	170	378	0.0	0.0	0.4	0.1	0.2
	Goodnews	0	0	1,243	0.60	206	459	0.0	0.0	0.4	0.1	0.1
Bristol Bay	Togiak	2,457	1,413	3,768	0.00	2,488	723	0.3	0.2	0.5	0.3	0.1
	Igushik	92	0	1,335	0.38	345	483	0.0	0.0	0.1	0.0	0.0
	Wood	5,029	3,377	6,901	0.00	5,032	1,077	0.1	0.1	0.1	0.1	0.0
	Nushagak	4,614	3,060	6,462	0.00	4,637	1,038	0.2	0.1	0.3	0.2	0.1
	Kvichak	7,260	4,925	9,805	0.00	7,243	1,484	0.1	0.1	0.2	0.1	0.0
	Alagnak	2,312	1,343	3,506	0.00	2,337	663	0.1	0.0	0.1	0.1	0.0
	Naknek	6,562	4,594	8,760	0.00	6,555	1,270	0.1	0.1	0.1	0.1	0.0
	Egegik	12,057	9,202	15,029	0.00	11,993	1,776	0.2	0.1	0.2	0.2	0.0
	Ugashik	681	0	2,656	0.26	885	936	0.0	0.0	0.1	0.0	0.0
North Peninsula	Cinder	3,892	1,468	6,712	0.00	3,930	1,601	1.2	0.4	2.9	1.3	0.8
	Meshik	0	0	1,426	0.64	202	628	0.0	0.0	0.4	0.1	0.2
	Ilnik	0	0	250	0.75	45	198	0.0	0.0	0.3	0.1	0.3
	Sandy	0	0	150	0.76	26	110	0.0	0.0	0.4	0.1	0.3
	Bear	19,309	15,724	22,923	0.00	19,175	2,190	1.8	1.4	2.1	1.8	0.2
	Nelson	129	0	603	0.08	191	208	0.0	0.0	0.1	0.0	0.1
	NW Dist.-BH	613	0	2,210	0.12	789	726	0.1	0.0	0.5	0.2	0.2
South Peninsula		9,670	6,937	12,857	0.00	9,678	1,811	4.4	2.1	8.1	4.6	1.9
Chignik	Black Lake	6,885	4,534	9,719	0.00	6,923	1,583	1.0	0.6	1.4	1.0	0.2
	Chignik Lake	56,646	50,183	62,157	0.00	56,071	3,630	6.6	5.9	7.3	6.6	0.4
East of WASSIP		94,462	86,362	100,791	0.00	93,452	4,390	–	–	–	–	–
Total		234,396				234,382						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
Note: Harvest rates are calculated by dividing the harvest posterior by total run posterior distributions; therefore, mean harvest rate may not equal harvest rate calculated from numbers reported in the tables if distributions are highly skewed.
Note: Harvest rate for East of WASSIP not calculated because it was not part of WASSIP plan.
[a] Adjusted median; 1.01 times unadjusted median.

Appendix D34.–Post-June, Dolgoi Island area, Alaska Peninsula Area, Westward Region, 2006, all strata. Subregional reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, the probability that reporting group harvest estimate is equal to zero ($P = 0$), means, and SDs are reported.

Reporting Group		Harvest = 246,221; 2 strata						Harvest Rate (%)				
			90% CI						90% CI			
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD	Median	5%	95%	Mean	SD
Norton Sound		0	0	2	0.94	7	69	0.0	0.0	0.0	0.0	0.1
Kuskokwim Bay	Kuskokwim R.	0	0	2	0.94	6	55	0.0	0.0	0.0	0.0	0.0
	Kanektok	0	0	2	0.94	7	69	0.0	0.0	0.0	0.0	0.0
	Goodnews	0	0	4	0.93	11	97	0.0	0.0	0.0	0.0	0.0
Bristol Bay	Togiak	0	0	128	0.89	33	177	0.0	0.0	0.0	0.0	0.0
	Igushik	0	0	6	0.93	13	110	0.0	0.0	0.0	0.0	0.0
	Wood	0	0	2	0.94	6	55	0.0	0.0	0.0	0.0	0.0
	Nushagak	0	0	3	0.93	10	93	0.0	0.0	0.0	0.0	0.0
	Kvichak	0	0	5	0.93	15	141	0.0	0.0	0.0	0.0	0.0
	Alagnak	0	0	40	0.91	23	151	0.0	0.0	0.0	0.0	0.0
	Naknek	15	0	1,307	0.47	285	487	0.0	0.0	0.0	0.0	0.0
	Egegik	1,747	0	4,937	0.23	1,888	1,676	0.0	0.0	0.1	0.0	0.0
	Ugashik	5	0	3,656	0.47	843	1,320	0.0	0.0	0.1	0.0	0.0
North Peninsula	Cinder	0	0	5	0.93	14	125	0.0	0.0	0.0	0.0	0.1
	Meshik	0	0	1,558	0.85	186	703	0.0	0.0	0.4	0.1	0.2
	Ilnik	0	0	3	0.94	9	89	0.0	0.0	0.0	0.0	0.0
	Sandy	0	0	25	0.91	30	215	0.0	0.0	0.0	0.0	0.2
	Bear	0	0	10	0.92	14	120	0.0	0.0	0.0	0.0	0.0
	Nelson	0	0	2	0.94	5	53	0.0	0.0	0.0	0.0	0.0
	NW Dist.-BH	0	0	2	0.94	8	77	0.0	0.0	0.0	0.0	0.0
South Peninsula		0	0	8	0.92	15	148	0.0	0.0	0.0	0.0	0.1
Chignik	Black Lake	86,601	72,959	99,826	0.00	86,012	8,162	6.4	5.5	7.4	6.4	0.6
	Chignik Lake	79,071	65,729	92,021	0.00	78,537	7,996	8.2	6.9	9.6	8.2	0.8
East of WASSIP		78,781	67,882	89,238	0.00	78,226	6,494	–	–	–	–	–
Total		246,220				246,203						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
Note: Harvest rates are calculated by dividing the harvest posterior by total run posterior distributions; therefore, mean harvest rate may not equal harvest rate calculated from numbers reported in the tables if distributions are highly skewed.
Note: Harvest rate for East of WASSIP not calculated because it was not part of WASSIP plan.
[a] Adjusted median; 1.01 times unadjusted median.

Appendix D35.–Post-June, Dolgoi Island area, Alaska Peninsula Area, Westward Region, 2007, all strata. Subregional reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, the probability that reporting group harvest estimate is equal to zero ($P = 0$), means, and SDs are reported.

Reporting Group		Harvest = 233,367; 2 strata						Harvest Rate (%)				
			90% CI						90% CI			
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD	Median	5%	95%	Mean	SD
Norton Sound		0	0	8	0.90	7	64	0.0	0.0	0.0	0.0	0.1
Kuskokwim Bay	Kuskokwim R.	0	0	8	0.90	9	77	0.0	0.0	0.0	0.0	0.0
	Kanektok	0	0	1,153	0.56	217	446	0.0	0.0	0.2	0.0	0.1
	Goodnews	2,558	0	5,489	0.06	2,613	1,641	0.6	0.0	1.3	0.6	0.4
Bristol Bay	Togiak	59	0	1,803	0.15	278	659	0.0	0.0	0.2	0.0	0.1
	Igushik	758	0	3,809	0.34	1,167	1,357	0.1	0.0	0.5	0.1	0.2
	Wood	557	0	3,729	0.37	1,089	1,332	0.0	0.0	0.0	0.0	0.0
	Nushagak	4	0	135	0.46	37	112	0.0	0.0	0.0	0.0	0.0
	Kvichak	465	70	1,843	0.00	643	609	0.0	0.0	0.0	0.0	0.0
	Alagnak	394	0	1,823	0.07	579	620	0.0	0.0	0.0	0.0	0.0
	Naknek	13	0	1,453	0.38	218	579	0.0	0.0	0.0	0.0	0.0
	Egegik	3,635	0	7,396	0.06	3,699	2,115	0.1	0.0	0.1	0.1	0.0
	Ugashik	1,254	0	6,111	0.33	1,888	2,159	0.0	0.0	0.1	0.0	0.0
North Peninsula	Cinder	0	0	273	0.81	73	375	0.0	0.0	0.1	0.0	0.1
	Meshik	0	0	267	0.85	83	455	0.0	0.0	0.1	0.0	0.2
	Ilnik	171	48	374	0.02	193	190	0.1	0.0	0.2	0.1	0.1
	Sandy	0	0	116	0.84	36	224	0.0	0.0	0.1	0.0	0.3
	Bear	0	0	1,065	0.80	142	534	0.0	0.0	0.1	0.0	0.0
	Nelson	0	0	8	0.90	9	85	0.0	0.0	0.0	0.0	0.0
	NW Dist.-BH	0	0	7	0.90	6	62	0.0	0.0	0.0	0.0	0.0
South Peninsula		161	56	859	0.00	264	466	0.1	0.0	0.6	0.2	0.4
Chignik	Black Lake	16,360	10,047	23,276	0.00	16,287	4,035	2.4	1.5	3.4	2.4	0.6
	Chignik Lake	71,239	59,447	81,683	0.00	70,202	6,753	7.2	6.2	8.4	7.2	0.7
East of WASSIP		135,740	119,824	148,108	0.00	133,591	8,618	–	–	–	–	–
Total		233,368				233,330						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
Note: Harvest rates are calculated by dividing the harvest posterior by total run posterior distributions; therefore, mean harvest rate may not equal harvest rate calculated from numbers reported in the tables if distributions are highly skewed.
Note: Harvest rate for East of WASSIP not calculated because it was not part of WASSIP plan.
[a] Adjusted median; 1.02 times unadjusted median.

Appendix D36.–Post-June, Dolgoi Island area, Alaska Peninsula Area, Westward Region, 2008, all strata. Subregional reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, the probability that reporting group harvest estimate is equal to zero ($P = 0$), means, and SDs are reported.

Reporting Group		Harvest = 55,799; 2 strata						Harvest Rate (%)				
			90% CI						90% CI			
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD	Median	5%	95%	Mean	SD
Norton Sound		0	0	71	0.85	12	54	0.0	0.0	0.2	0.0	0.2
Kuskokwim Bay	Kuskokwim R.	0	0	179	0.65	31	70	0.0	0.0	0.0	0.0	0.0
	Kanektok	0	0	288	0.81	35	119	0.0	0.0	0.1	0.0	0.1
	Goodnews	100	0	672	0.40	189	241	0.0	0.0	0.2	0.1	0.1
Bristol Bay	Togiak	3	0	547	0.48	141	199	0.0	0.0	0.1	0.0	0.0
	Igushik	53	0	432	0.29	114	152	0.0	0.0	0.0	0.0	0.0
	Wood	0	0	246	0.57	46	94	0.0	0.0	0.0	0.0	0.0
	Nushagak	160	0	870	0.34	267	307	0.0	0.0	0.0	0.0	0.0
	Kvichak	59	4	253	0.01	84	85	0.0	0.0	0.0	0.0	0.0
	Alagnak	0	0	177	0.52	36	67	0.0	0.0	0.0	0.0	0.0
	Naknek	650	308	1,121	0.00	666	250	0.0	0.0	0.0	0.0	0.0
	Egegik	910	227	1,684	0.02	921	439	0.0	0.0	0.0	0.0	0.0
	Ugashik	1,878	1,043	2,861	0.00	1,883	556	0.1	0.0	0.1	0.1	0.0
North Peninsula	Cinder	0	0	47	0.86	11	56	0.0	0.0	0.0	0.0	0.0
	Meshik	0	0	148	0.78	21	71	0.0	0.0	0.0	0.0	0.0
	Ilnik	0	0	416	0.75	56	156	0.0	0.0	0.5	0.1	0.2
	Sandy	0	0	55	0.86	10	47	0.0	0.0	0.1	0.0	0.1
	Bear	2,072	1,369	2,864	0.00	2,065	456	0.2	0.1	0.3	0.2	0.0
	Nelson	0	0	191	0.50	40	72	0.0	0.0	0.0	0.0	0.0
	NW Dist.-BH	74	5	327	0.00	107	109	0.0	0.0	0.1	0.0	0.0
South Peninsula		1,327	769	1,980	0.00	1,329	371	0.6	0.3	1.2	0.6	0.3
Chignik	Black Lake	2,548	1,537	3,725	0.00	2,548	668	0.4	0.2	0.5	0.4	0.1
	Chignik Lake	24,158	21,449	26,117	0.00	23,747	1,418	2.8	2.5	3.1	2.8	0.2
East of WASSIP		21,806	19,345	23,639	0.00	21,444	1,307	–	–	–	–	–
Total		55,798				55,803						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
Note: Harvest rates are calculated by dividing the harvest posterior by total run posterior distributions; therefore, mean harvest rate may not equal harvest rate calculated from numbers reported in the tables if distributions are highly skewed.
Note: Harvest rate for East of WASSIP not calculated because it was not part of WASSIP plan.
[a] Adjusted median; 1.02 times unadjusted median.

Appendix D37.–Post-June, Ikatan area, Alaska Peninsula Area, Westward Region, 2006, all strata. Subregional reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, the probability that reporting group harvest estimate is equal to zero ($P = 0$), means, and SDs are reported.

Reporting Group		Harvest = 8,824; 1 stratum						Harvest Rate (%)				
			90% CI						90% CI			
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD	Median	5%	95%	Mean	SD
Norton Sound		0	0	4	0.91	1	7	0.0	0.0	0.0	0.0	0.0
Kuskokwim Bay	Kuskokwim R.	0	0	37	0.83	4	14	0.0	0.0	0.0	0.0	0.0
	Kanektok	40	2	106	0.05	45	32	0.0	0.0	0.0	0.0	0.0
	Goodnews	0	0	215	0.64	41	76	0.0	0.0	0.1	0.0	0.0
Bristol Bay	Togiak	211	48	347	0.00	207	85	0.0	0.0	0.0	0.0	0.0
	Igushik	0	0	73	0.71	12	27	0.0	0.0	0.0	0.0	0.0
	Wood	243	151	349	0.00	242	61	0.0	0.0	0.0	0.0	0.0
	Nushagak	61	3	141	0.05	66	40	0.0	0.0	0.0	0.0	0.0
	Kvichak	423	278	581	0.00	420	93	0.0	0.0	0.0	0.0	0.0
	Alagnak	184	97	302	0.00	188	63	0.0	0.0	0.0	0.0	0.0
	Naknek	488	349	634	0.00	483	87	0.0	0.0	0.0	0.0	0.0
	Egegik	421	256	639	0.00	425	121	0.0	0.0	0.0	0.0	0.0
	Ugashik	526	296	758	0.00	519	143	0.0	0.0	0.0	0.0	0.0
North Peninsula	Cinder	0	0	93	0.78	13	38	0.0	0.0	0.0	0.0	0.0
	Meshik	132	0	354	0.29	134	126	0.0	0.0	0.1	0.0	0.0
	Ilnik	0	0	53	0.83	8	29	0.0	0.0	0.0	0.0	0.0
	Sandy	0	0	25	0.86	4	16	0.0	0.0	0.0	0.0	0.0
	Bear	528	362	709	0.00	524	106	0.0	0.0	0.1	0.0	0.0
	Nelson	22	0	95	0.22	30	32	0.0	0.0	0.0	0.0	0.0
	NW Dist.-BH	14	0	49	0.05	18	16	0.0	0.0	0.0	0.0	0.0
South Peninsula		1,037	816	1,247	0.00	1,021	132	0.7	0.3	1.4	0.7	0.3
Chignik	Black Lake	178	0	405	0.09	182	126	0.0	0.0	0.0	0.0	0.0
	Chignik Lake	1,140	855	1,409	0.00	1,122	169	0.1	0.1	0.2	0.1	0.0
East of WASSIP		3,176	2,730	3,520	0.00	3,114	241	–	–	–	–	–
Total		8,824				8,823						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
Note: Harvest rates are calculated by dividing the harvest posterior by total run posterior distributions; therefore, mean harvest rate may not equal harvest rate calculated from numbers reported in the tables if distributions are highly skewed.
Note: Harvest rate for East of WASSIP not calculated because it was not part of WASSIP plan.
[a] Adjusted median; 1.02 times unadjusted median.

Appendix D38.–Post-June, Ikatan area, Alaska Peninsula Area, Westward Region, 2007, all strata. Subregional reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, the probability that reporting group harvest estimate is equal to zero ($P = 0$), means, and SDs are reported.

Reporting Group		Harvest = 19,992; 1 stratum						Harvest Rate (%)				
			90% CI						90% CI			
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD	Median	5%	95%	Mean	SD
Norton Sound		0	0	1	0.94	3	23	0.0	0.0	0.0	0.0	0.0
Kuskokwim Bay	Kuskokwim R.	0	0	0	0.95	1	9	0.0	0.0	0.0	0.0	0.0
	Kanektok	154	6	403	0.05	171	123	0.0	0.0	0.1	0.0	0.0
	Goodnews	0	0	808	0.66	154	286	0.0	0.0	0.2	0.0	0.1
Bristol Bay	Togiak	655	0	1,145	0.07	630	314	0.1	0.0	0.1	0.1	0.0
	Igushik	0	0	107	0.87	15	61	0.0	0.0	0.0	0.0	0.0
	Wood	271	75	574	0.01	285	155	0.0	0.0	0.0	0.0	0.0
	Nushagak	0	0	195	0.75	28	81	0.0	0.0	0.0	0.0	0.0
	Kvichak	822	410	1,303	0.00	817	273	0.0	0.0	0.0	0.0	0.0
	Alagnak	306	81	699	0.00	331	194	0.0	0.0	0.0	0.0	0.0
	Naknek	465	193	839	0.00	474	199	0.0	0.0	0.0	0.0	0.0
	Egegik	695	274	1,364	0.00	733	376	0.0	0.0	0.0	0.0	0.0
	Ugashik	1,628	865	2,391	0.01	1,586	489	0.0	0.0	0.0	0.0	0.0
North Peninsula	Cinder	0	0	343	0.84	41	141	0.0	0.0	0.1	0.0	0.0
	Meshik	508	0	1,353	0.32	510	484	0.2	0.0	0.7	0.2	0.2
	Ilnik	0	0	93	0.88	21	102	0.0	0.0	0.0	0.0	0.0
	Sandy	0	0	79	0.89	13	59	0.0	0.0	0.1	0.0	0.1
	Bear	1,196	671	1,801	0.00	1,186	345	0.1	0.0	0.1	0.1	0.0
	Nelson	13	0	299	0.46	75	108	0.0	0.0	0.1	0.0	0.0
	NW Dist.-BH	0	0	0	0.95	1	11	0.0	0.0	0.0	0.0	0.0
South Peninsula		1,334	787	1,939	0.00	1,316	353	0.8	0.3	1.9	0.9	0.5
Chignik	Black Lake	528	0	1,304	0.20	532	438	0.1	0.0	0.2	0.1	0.1
	Chignik Lake	2,348	1,443	3,227	0.00	2,293	544	0.2	0.2	0.3	0.2	0.1
East of WASSIP		9,068	7,551	10,080	0.00	8,781	770	–	–	–	–	–
Total		19,991				19,997						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
Note: Harvest rates are calculated by dividing the harvest posterior by total run posterior distributions; therefore, mean harvest rate may not equal harvest rate calculated from numbers reported in the tables if distributions are highly skewed.
Note: Harvest rate for East of WASSIP not calculated because it was not part of WASSIP plan.
[a] Adjusted median; 1.03 times unadjusted median.

Appendix D39.–Post-June, Ikatan area, Alaska Peninsula Area, Westward Region, 2008, all strata. Subregional reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, the probability that reporting group harvest estimate is equal to zero ($P = 0$), means, and SDs are reported.

Reporting Group		Harvest = 13,842; 1 stratum						Harvest Rate (%)				
			90% CI						90% CI			
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD	Median	5%	95%	Mean	SD
Norton Sound		0	0	1	0.94	2	16	0.0	0.0	0.0	0.0	0.1
Kuskokwim Bay	Kuskokwim R.	0	0	140	0.85	16	54	0.0	0.0	0.0	0.0	0.0
	Kanektok	0	0	0	0.95	2	15	0.0	0.0	0.0	0.0	0.0
	Goodnews	0	0	1	0.94	4	32	0.0	0.0	0.0	0.0	0.0
Bristol Bay	Togiak	155	50	313	0.01	162	82	0.0	0.0	0.0	0.0	0.0
	Igushik	0	0	232	0.79	32	83	0.0	0.0	0.0	0.0	0.0
	Wood	651	381	945	0.00	645	172	0.0	0.0	0.0	0.0	0.0
	Nushagak	218	0	463	0.06	226	130	0.0	0.0	0.0	0.0	0.0
	Kvichak	796	461	1,189	0.00	793	223	0.0	0.0	0.0	0.0	0.0
	Alagnak	385	184	641	0.00	389	140	0.0	0.0	0.0	0.0	0.0
	Naknek	1,402	974	1,831	0.00	1,379	262	0.0	0.0	0.0	0.0	0.0
	Egegik	884	503	1,412	0.00	898	279	0.0	0.0	0.0	0.0	0.0
	Ugashik	413	0	829	0.07	404	250	0.0	0.0	0.0	0.0	0.0
North Peninsula	Cinder	0	0	41	0.90	7	32	0.0	0.0	0.0	0.0	0.0
	Meshik	0	0	23	0.87	5	28	0.0	0.0	0.0	0.0	0.0
	Ilnik	0	0	32	0.91	8	43	0.0	0.0	0.0	0.0	0.1
	Sandy	0	0	1	0.94	2	14	0.0	0.0	0.0	0.0	0.0
	Bear	831	518	1,177	0.00	823	201	0.1	0.1	0.1	0.1	0.0
	Nelson	10	0	167	0.44	42	60	0.0	0.0	0.0	0.0	0.0
	NW Dist.-BH	52	2	187	0.04	67	61	0.0	0.0	0.0	0.0	0.0
South Peninsula		2,658	2,063	3,176	0.00	2,599	338	1.2	0.6	2.1	1.3	0.5
Chignik	Black Lake	99	0	542	0.39	167	195	0.0	0.0	0.1	0.0	0.0
	Chignik Lake	2,055	1,507	2,547	0.00	2,010	316	0.2	0.2	0.3	0.2	0.0
East of WASSIP		3,233	2,620	3,749	0.00	3,162	344	–	–	–	–	–
Total		13,842				13,844						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
Note: Harvest rates are calculated by dividing the harvest posterior by total run posterior distributions; therefore, mean harvest rate may not equal harvest rate calculated from numbers reported in the tables if distributions are highly skewed.
Note: Harvest rate for East of WASSIP not calculated because it was not part of WASSIP plan.
[a] Adjusted median; 1.03 times unadjusted median.

Appendix D40.–Bear River Section, Northern District, Westward Region, 2006, all strata. Subregional reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, the probability that reporting group harvest estimate is equal to zero ($P = 0$), means, and SDs are reported.

Reporting Group		Harvest = 576,552; 4 strata						Harvest Rate (%)				
			90% CI						90% CI			
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD	Median	5%	95%	Mean	SD
Norton Sound		0	0	949	0.74	128	440	0.0	0.0	1.2	0.2	0.6
Kuskokwim Bay	Kuskokwim R.	0	0	214	0.56	49	109	0.0	0.0	0.0	0.0	0.0
	Kanektok	0	0	142	0.79	29	147	0.0	0.0	0.0	0.0	0.0
	Goodnews	0	0	583	0.74	80	283	0.0	0.0	0.1	0.0	0.1
Bristol Bay	Togiak	0	0	492	0.75	72	266	0.0	0.0	0.1	0.0	0.0
	Igushik	994	31	2,631	0.03	1,098	823	0.1	0.0	0.4	0.2	0.1
	Wood	0	0	867	0.64	128	366	0.0	0.0	0.0	0.0	0.0
	Nushagak	0	0	1,107	0.52	172	510	0.0	0.0	0.0	0.0	0.0
	Kvichak	3,038	1,211	5,894	0.00	3,216	1,455	0.1	0.0	0.1	0.1	0.0
	Alagnak	0	0	1,400	0.55	250	534	0.0	0.0	0.0	0.0	0.0
	Naknek	2,919	895	5,714	0.00	3,050	1,478	0.1	0.0	0.1	0.1	0.0
	Egegik	11,723	6,179	20,794	0.00	12,385	4,559	0.1	0.1	0.2	0.1	0.1
	Ugashik	36,260	26,191	46,052	0.00	36,036	6,054	0.9	0.6	1.1	0.9	0.2
North Peninsula	Cinder	8,014	3,323	13,770	0.01	8,162	3,209	2.7	0.9	6.1	3.0	1.7
	Meshik	1,333	725	3,741	0.00	1,633	1,024	0.4	0.1	1.2	0.5	0.4
	Ilnik	1,825	612	4,156	0.00	2,025	1,143	0.8	0.3	1.9	0.9	0.5
	Sandy	15,916	10,441	22,212	0.00	16,001	3,585	13.6	9.0	19.1	13.8	3.1
	Bear	442,294	415,277	463,992	0.00	439,261	14,823	34.9	32.9	36.9	34.9	1.2
	Nelson	24,255	19,119	29,889	0.00	24,237	3,281	4.1	3.2	5.1	4.1	0.6
	NW Dist.-BH	1,115	193	4,231	0.00	1,550	1,319	0.4	0.1	1.5	0.5	0.5
South Peninsula		0	0	84	0.81	27	180	0.0	0.0	0.1	0.0	0.1
Chignik	Black Lake	0	0	122	0.81	31	170	0.0	0.0	0.0	0.0	0.0
	Chignik Lake	549	10	2,111	0.04	735	695	0.1	0.0	0.2	0.1	0.1
East of WASSIP		26,316	20,595	32,600	0.00	26,292	3,645	–	–	–	–	–
Total		576,551				576,647						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
Note: Harvest rates are calculated by dividing the harvest posterior by total run posterior distributions; therefore, mean harvest rate may not equal harvest rate calculated from numbers reported in the tables if distributions are highly skewed.
Note: Harvest rate for East of WASSIP not calculated because it was not part of WASSIP plan.
[a] Adjusted median; 1.01 times unadjusted median.

Appendix D41.–Bear River Section, Northern District, Westward Region, 2007, all strata. Subregional reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, the probability that reporting group harvest estimate is equal to zero ($P = 0$), means, and SDs are reported.

Reporting Group		Harvest = 617,402; 4 strata						Harvest Rate (%)				
			90% CI						90% CI			
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD	Median	5%	95%	Mean	SD
Norton Sound		0	0	482	0.73	72	215	0.0	0.0	0.7	0.1	0.3
Kuskokwim Bay	Kuskokwim R.	192	0	907	0.08	288	310	0.0	0.0	0.2	0.1	0.1
	Kanektok	0	0	513	0.82	74	312	0.0	0.0	0.1	0.0	0.1
	Goodnews	216	0	1,541	0.37	428	555	0.1	0.0	0.4	0.1	0.1
Bristol Bay	Togiak	0	0	1,192	0.51	257	439	0.0	0.0	0.1	0.0	0.0
	Igushik	0	0	1,024	0.66	168	389	0.0	0.0	0.1	0.0	0.1
	Wood	503	18	1,708	0.03	634	551	0.0	0.0	0.0	0.0	0.0
	Nushagak	0	0	208	0.84	40	192	0.0	0.0	0.0	0.0	0.0
	Kvichak	226	17	998	0.00	330	347	0.0	0.0	0.0	0.0	0.0
	Alagnak	2,224	980	4,063	0.00	2,325	951	0.1	0.0	0.1	0.1	0.0
	Naknek	0	0	649	0.73	96	277	0.0	0.0	0.0	0.0	0.0
	Egegik	0	0	2,786	0.65	508	997	0.0	0.0	0.0	0.0	0.0
	Ugashik	3,157	322	6,274	0.04	3,222	1,772	0.0	0.0	0.1	0.0	0.0
North Peninsula	Cinder	3,448	0	7,276	0.13	3,407	2,295	0.7	0.0	2.0	0.8	0.6
	Meshik	0	0	1,282	0.75	172	557	0.0	0.0	0.6	0.1	0.3
	Ilnik	0	0	996	0.60	190	378	0.0	0.0	0.4	0.1	0.2
	Sandy	7,469	4,538	11,000	0.00	7,554	1,976	8.5	5.2	12.4	8.6	2.2
	Bear	546,499	508,148	580,243	0.00	543,276	21,905	33.0	31.1	34.8	33.0	1.1
	Nelson	17,371	13,628	21,409	0.00	17,352	2,370	2.7	2.2	3.4	2.8	0.4
	NW Dist.-BH	3,849	2,142	6,127	0.00	3,937	1,228	1.2	0.5	2.5	1.3	0.7
South Peninsula		809	0	4,781	0.39	1,578	1,772	0.5	0.0	3.9	1.1	1.4
Chignik	Black Lake	0	0	420	0.80	62	246	0.0	0.0	0.1	0.0	0.0
	Chignik Lake	1,513	508	3,143	0.00	1,622	820	0.2	0.1	0.3	0.2	0.1
East of WASSIP		29,926	24,926	35,014	0.00	29,824	3,072	–	–	–	–	–
Total		617,402				617,416						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
Note: Harvest rates are calculated by dividing the harvest posterior by total run posterior distributions; therefore, mean harvest rate may not equal harvest rate calculated from numbers reported in the tables if distributions are highly skewed.
Note: Harvest rate for East of WASSIP not calculated because it was not part of WASSIP plan.
[a] Adjusted median; 1.01 times unadjusted median.

Appendix D42.–Bear River Section, Northern District, Westward Region, 2008, all strata. Subregional reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, the probability that reporting group harvest estimate is equal to zero ($P = 0$), means, and SDs are reported.

Reporting Group		Harvest = 417,261; 1 stratum						Harvest Rate (%)				
			90% CI						90% CI			
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD	Median	5%	95%	Mean	SD
Norton Sound		0	0	0	1.00	0	0	0.0	0.0	0.0	0.0	0.0
Kuskokwim Bay	Kuskokwim R.	0	0	0	1.00	0	0	0.0	0.0	0.0	0.0	0.0
	Kanektok	0	0	0	1.00	0	0	0.0	0.0	0.0	0.0	0.0
	Goodnews	0	0	0	1.00	0	0	0.0	0.0	0.0	0.0	0.0
Bristol Bay	Togiak	0	0	0	1.00	0	0	0.0	0.0	0.0	0.0	0.0
	Igushik	0	0	0	1.00	0	0	0.0	0.0	0.0	0.0	0.0
	Wood	0	0	0	1.00	0	0	0.0	0.0	0.0	0.0	0.0
	Nushagak	0	0	0	1.00	0	0	0.0	0.0	0.0	0.0	0.0
	Kvichak	0	0	0	1.00	0	0	0.0	0.0	0.0	0.0	0.0
	Alagnak	0	0	0	1.00	0	0	0.0	0.0	0.0	0.0	0.0
	Naknek	0	0	0	1.00	0	0	0.0	0.0	0.0	0.0	0.0
	Egegik	0	0	0	1.00	0	0	0.0	0.0	0.0	0.0	0.0
	Ugashik	0	0	0	1.00	0	0	0.0	0.0	0.0	0.0	0.0
North Peninsula	Cinder	0	0	0	1.00	0	0	0.0	0.0	0.0	0.0	0.0
	Meshik	0	0	0	1.00	0	0	0.0	0.0	0.0	0.0	0.0
	Ilnik	0	0	0	1.00	0	0	0.0	0.0	0.0	0.0	0.0
	Sandy	0	0	0	1.00	0	0	0.0	0.0	0.0	0.0	0.0
	Bear	417,261	383,829	452,415	0.00	417,196	20,877	38.2	35.6	40.8	38.2	1.6
	Nelson	0	0	0	1.00	0	0	0.0	0.0	0.0	0.0	0.0
	NW Dist.-BH	0	0	0	1.00	0	0	0.0	0.0	0.0	0.0	0.0
South Peninsula		0	0	0	1.00	0	0	0.0	0.0	0.0	0.0	0.0
Chignik	Black Lake	0	0	0	1.00	0	0	0.0	0.0	0.0	0.0	0.0
	Chignik Lake	0	0	0	1.00	0	0	0.0	0.0	0.0	0.0	0.0
East of WASSIP		0	0	0	1.00	0	0	–	–	–	–	–
Total		417,261				417,196						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
Note: Harvest rates are calculated by dividing the harvest posterior by total run posterior distributions; therefore, mean harvest rate may not equal harvest rate calculated from numbers reported in the tables if distributions are highly skewed.
Note: Harvest rate for East of WASSIP not calculated because it was not part of WASSIP plan.
[a] Adjusted median; 1.00 times unadjusted median.

Appendix D43.–Three Hills Section, Northern District, Westward Region, 2006, all strata. Subregional reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, the probability that reporting group harvest estimate is equal to zero ($P = 0$), means, and SDs are reported.

Reporting Group		Harvest = 153,343; 3 strata						Harvest Rate (%)				
			90% CI						90% CI			
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD	Median	5%	95%	Mean	SD
Norton Sound		0	0	31	0.88	14	92	0.0	0.0	0.0	0.0	0.1
Kuskokwim Bay	Kuskokwim R.	0	0	23	0.88	9	62	0.0	0.0	0.0	0.0	0.0
	Kanektok	0	0	23	0.88	7	45	0.0	0.0	0.0	0.0	0.0
	Goodnews	413	0	1,469	0.26	503	509	0.1	0.0	0.3	0.1	0.1
Bristol Bay	Togiak	0	0	2,132	0.55	446	764	0.0	0.0	0.3	0.1	0.1
	Igushik	0	0	850	0.68	134	317	0.0	0.0	0.1	0.0	0.0
	Wood	578	0	1,854	0.10	697	611	0.0	0.0	0.0	0.0	0.0
	Nushagak	0	0	152	0.83	26	123	0.0	0.0	0.0	0.0	0.0
	Kvichak	361	76	1,061	0.00	435	328	0.0	0.0	0.0	0.0	0.0
	Alagnak	1,210	438	2,370	0.00	1,271	597	0.0	0.0	0.1	0.0	0.0
	Naknek	2,541	1,329	4,191	0.00	2,602	881	0.1	0.0	0.1	0.1	0.0
	Egegik	2,662	0	5,616	0.09	2,634	1,769	0.0	0.0	0.1	0.0	0.0
	Ugashik	33,633	28,547	38,237	0.00	33,271	2,947	0.8	0.7	0.9	0.8	0.1
North Peninsula	Cinder	1,804	755	4,328	0.00	2,036	1,121	0.6	0.2	1.8	0.8	0.5
	Meshik	4,380	1,695	7,019	0.00	4,337	1,611	1.1	0.4	2.7	1.3	0.8
	Ilnik	5,924	3,756	8,317	0.00	5,918	1,390	2.6	1.6	3.8	2.6	0.7
	Sandy	2,308	1,152	3,845	0.00	2,361	830	2.0	1.0	3.4	2.0	0.7
	Bear	85,071	78,179	90,192	0.00	84,063	3,662	6.7	6.2	7.2	6.7	0.3
	Nelson	7,851	5,789	10,055	0.00	7,817	1,306	1.3	1.0	1.7	1.3	0.2
	NW Dist.-BH	70	2	320	0.04	104	115	0.0	0.0	0.1	0.0	0.0
South Peninsula		0	0	658	0.63	116	251	0.0	0.0	0.5	0.1	0.2
Chignik	Black Lake	0	0	14	0.89	6	42	0.0	0.0	0.0	0.0	0.0
	Chignik Lake	0	0	25	0.86	7	43	0.0	0.0	0.0	0.0	0.0
East of WASSIP		4,538	3,316	5,910	0.00	4,531	793	–	–	–	–	–
Total		153,344				153,345						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
Note: Harvest rates are calculated by dividing the harvest posterior by total run posterior distributions; therefore, mean harvest rate may not equal harvest rate calculated from numbers reported in the tables if distributions are highly skewed.
Note: Harvest rate for East of WASSIP not calculated because it was not part of WASSIP plan.
[a] Adjusted median; 1.01 times unadjusted median.

Appendix D44.–Three Hills Section, Northern District, Westward Region, 2007, all strata. Subregional reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, the probability that reporting group harvest estimate is equal to zero ($P = 0$), means, and SDs are reported.

Reporting Group		Harvest = 234,930; 2 strata						Harvest Rate (%)				
			90% CI						90% CI			
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD	Median	5%	95%	Mean	SD
Norton Sound		0	0	1	0.94	3	28	0.0	0.0	0.0	0.0	0.0
Kuskokwim Bay	Kuskokwim R.	0	0	1	0.94	3	28	0.0	0.0	0.0	0.0	0.0
	Kanektok	0	0	5	0.93	7	53	0.0	0.0	0.0	0.0	0.0
	Goodnews	0	0	273	0.85	36	137	0.0	0.0	0.1	0.0	0.0
Bristol Bay	Togiak	0	0	18	0.92	13	84	0.0	0.0	0.0	0.0	0.0
	Igushik	0	0	118	0.89	20	96	0.0	0.0	0.0	0.0	0.0
	Wood	112	0	773	0.35	216	274	0.0	0.0	0.0	0.0	0.0
	Nushagak	0	0	25	0.91	12	71	0.0	0.0	0.0	0.0	0.0
	Kvichak	0	0	113	0.89	22	110	0.0	0.0	0.0	0.0	0.0
	Alagnak	0	0	9	0.90	5	34	0.0	0.0	0.0	0.0	0.0
	Naknek	0	0	747	0.55	147	274	0.0	0.0	0.0	0.0	0.0
	Egegik	0	0	1,167	0.63	189	417	0.0	0.0	0.0	0.0	0.0
	Ugashik	20,230	17,004	23,459	0.00	20,153	1,955	0.3	0.2	0.3	0.3	0.0
North Peninsula	Cinder	2,568	1,108	4,400	0.01	2,620	1,013	0.6	0.2	1.2	0.6	0.3
	Meshik	120	0	1,378	0.34	368	493	0.1	0.0	0.7	0.2	0.2
	Ilnik	4,565	2,350	6,917	0.00	4,566	1,381	1.7	0.9	2.7	1.8	0.6
	Sandy	1,408	625	2,542	0.00	1,467	589	1.6	0.7	2.9	1.7	0.7
	Bear	200,645	184,654	215,273	0.00	199,641	9,325	12.1	11.2	13.1	12.1	0.6
	Nelson	162	14	638	0.00	222	208	0.0	0.0	0.1	0.0	0.0
	NW Dist.-BH	110	1	495	0.04	161	169	0.0	0.0	0.2	0.1	0.1
South Peninsula		0	0	161	0.90	33	160	0.0	0.0	0.1	0.0	0.1
Chignik	Black Lake	0	0	1	0.95	2	24	0.0	0.0	0.0	0.0	0.0
	Chignik Lake	0	0	2	0.94	5	43	0.0	0.0	0.0	0.0	0.0
East of WASSIP		5,011	3,610	6,635	0.00	5,033	923	–	–	–	–	–
Total		234,931				234,944						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
Note: Harvest rates are calculated by dividing the harvest posterior by total run posterior distributions; therefore, mean harvest rate may not equal harvest rate calculated from numbers reported in the tables if distributions are highly skewed.
Note: Harvest rate for East of WASSIP not calculated because it was not part of WASSIP plan.
[a] Adjusted median; 1.01 times unadjusted median.

Appendix D45.–Three Hills Section, Northern District, Westward Region, 2008, all strata. Subregional reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, the probability that reporting group harvest estimate is equal to zero ($P = 0$), means, and SDs are reported.

Reporting Group		Harvest = 123,344; 1 stratum						Harvest Rate (%)				
			90% CI						90% CI			
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD	Median	5%	95%	Mean	SD
Norton Sound		0	0	0	1.00	0	0	0.0	0.0	0.0	0.0	0.0
Kuskokwim Bay	Kuskokwim R.	0	0	0	1.00	0	0	0.0	0.0	0.0	0.0	0.0
	Kanektok	0	0	0	1.00	0	0	0.0	0.0	0.0	0.0	0.0
	Goodnews	0	0	0	1.00	0	0	0.0	0.0	0.0	0.0	0.0
Bristol Bay	Togiak	0	0	0	1.00	0	0	0.0	0.0	0.0	0.0	0.0
	Igushik	0	0	0	1.00	0	0	0.0	0.0	0.0	0.0	0.0
	Wood	0	0	0	1.00	0	0	0.0	0.0	0.0	0.0	0.0
	Nushagak	0	0	0	1.00	0	0	0.0	0.0	0.0	0.0	0.0
	Kvichak	0	0	0	1.00	0	0	0.0	0.0	0.0	0.0	0.0
	Alagnak	0	0	0	1.00	0	0	0.0	0.0	0.0	0.0	0.0
	Naknek	0	0	0	1.00	0	0	0.0	0.0	0.0	0.0	0.0
	Egegik	0	0	0	1.00	0	0	0.0	0.0	0.0	0.0	0.0
	Ugashik	0	0	0	1.00	0	0	0.0	0.0	0.0	0.0	0.0
North Peninsula	Cinder	0	0	0	1.00	0	0	0.0	0.0	0.0	0.0	0.0
	Meshik	0	0	0	1.00	0	0	0.0	0.0	0.0	0.0	0.0
	Ilnik	0	0	0	1.00	0	0	0.0	0.0	0.0	0.0	0.0
	Sandy	0	0	0	1.00	0	0	0.0	0.0	0.0	0.0	0.0
	Bear	123,344	113,443	133,758	0.00	123,339	6,192	11.3	10.3	12.3	11.3	0.6
	Nelson	0	0	0	1.00	0	0	0.0	0.0	0.0	0.0	0.0
	NW Dist.-BH	0	0	0	1.00	0	0	0.0	0.0	0.0	0.0	0.0
South Peninsula		0	0	0	1.00	0	0	0.0	0.0	0.0	0.0	0.0
Chignik	Black Lake	0	0	0	1.00	0	0	0.0	0.0	0.0	0.0	0.0
	Chignik Lake	0	0	0	1.00	0	0	0.0	0.0	0.0	0.0	0.0
East of WASSIP		0	0	0	1.00	0	0	–	–	–	–	–
Total		123,344				123,339						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
Note: Harvest rates are calculated by dividing the harvest posterior by total run posterior distributions; therefore, mean harvest rate may not equal harvest rate calculated from numbers reported in the tables if distributions are highly skewed.
Note: Harvest rate for East of WASSIP not calculated because it was not part of WASSIP plan.
[a] Adjusted median; 1.00 times unadjusted median.

Appendix D46.–Ilnik Section southern statistical area, Northern District, Westward Region, 2006, all strata. Subregional reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, the probability that reporting group harvest estimate is equal to zero ($P = 0$), means, and SDs are reported.

Reporting Group		Harvest = 776,160; 4 strata						Harvest Rate (%)				
			90% CI						90% CI			
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD	Median	5%	95%	Mean	SD
Norton Sound		0	0	1,305	0.76	257	1,184	0.0	0.0	1.7	0.3	1.4
Kuskokwim Bay	Kuskokwim R.	14	0	464	0.42	110	233	0.0	0.0	0.0	0.0	0.0
	Kanektok	4	0	11,996	0.47	1,959	4,181	0.0	0.0	2.7	0.4	1.0
	Goodnews	7,404	0	16,018	0.09	7,289	5,155	1.5	0.0	3.7	1.6	1.2
Bristol Bay	Togiak	266	0	3,481	0.27	716	1,549	0.0	0.0	0.4	0.1	0.2
	Igushik	2,953	493	8,773	0.01	3,529	2,758	0.4	0.1	1.2	0.5	0.4
	Wood	51,907	40,202	63,885	0.00	51,545	7,212	0.4	0.3	0.5	0.4	0.1
	Nushagak	7,203	1,946	14,876	0.01	7,591	3,988	0.3	0.1	0.6	0.3	0.2
	Kvichak	27,199	17,357	38,468	0.00	27,260	6,456	0.5	0.3	0.7	0.5	0.1
	Alagnak	15,100	8,846	22,926	0.00	15,271	4,307	0.4	0.3	0.7	0.5	0.1
	Naknek	45,464	34,267	57,333	0.00	45,222	6,995	0.8	0.6	1.1	0.9	0.1
	Egegik	60,283	31,596	88,203	0.00	59,600	17,139	0.7	0.4	1.0	0.7	0.2
	Ugashik	156,379	124,672	187,772	0.00	154,994	19,209	3.7	3.0	4.6	3.8	0.5
North Peninsula	Cinder	17,864	2,988	35,057	0.00	18,123	9,719	5.8	1.0	14.4	6.5	4.2
	Meshik	15,822	5,509	32,725	0.00	16,920	8,515	4.2	1.2	11.4	5.0	3.3
	Ilnik	67,574	51,920	83,256	0.00	67,050	9,517	29.4	22.5	36.9	29.5	4.4
	Sandy	29,344	19,880	39,850	0.00	29,307	6,081	24.9	17.7	32.9	25.1	4.6
	Bear	211,586	190,510	228,821	0.00	209,241	11,636	16.6	15.2	18.1	16.6	0.9
	Nelson	31,932	23,003	41,658	0.00	31,821	5,683	5.3	3.9	7.0	5.4	1.0
	NW Dist.-BH	0	0	362	0.75	63	286	0.0	0.0	0.1	0.0	0.1
South Peninsula		0	0	1,004	0.75	178	776	0.0	0.0	0.7	0.1	0.6
Chignik	Black Lake	0	0	2,059	0.64	325	822	0.0	0.0	0.2	0.0	0.1
	Chignik Lake	0	0	335	0.78	84	445	0.0	0.0	0.0	0.0	0.1
East of WASSIP		27,863	21,008	35,520	0.00	27,788	4,429	–	–	–	–	–
Total		776,161				776,243						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
Note: Harvest rates are calculated by dividing the harvest posterior by total run posterior distributions; therefore, mean harvest rate may not equal harvest rate calculated from numbers reported in the tables if distributions are highly skewed.
Note: Harvest rate for East of WASSIP not calculated because it was not part of WASSIP plan.
[a] Adjusted median; 1.01 times unadjusted median.

Appendix D47.–Ilnik Section southern statistical area, Northern District, Westward Region, 2007, all strata. Subregional reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, the probability that reporting group harvest estimate is equal to zero ($P = 0$), means, and SDs are reported.

Reporting Group		Harvest = 1,029,873; 4 strata						Harvest Rate (%)				
			90% CI						90% CI			
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD	Median	5%	95%	Mean	SD
Norton Sound		0	0	133	0.81	46	364	0.0	0.0	0.2	0.1	0.5
Kuskokwim Bay	Kuskokwim R.	0	0	683	0.76	100	398	0.0	0.0	0.1	0.0	0.1
	Kanektok	0	0	4,606	0.65	687	1,668	0.0	0.0	0.8	0.1	0.3
	Goodnews	0	0	5,740	0.56	1,021	2,031	0.0	0.0	1.3	0.2	0.5
Bristol Bay	Togiak	3,050	0	6,598	0.09	3,160	1,963	0.3	0.0	0.7	0.3	0.2
	Igushik	28,679	14,461	45,957	0.00	29,094	9,660	3.3	1.7	5.5	3.4	1.2
	Wood	126,223	102,485	150,152	0.00	125,510	14,483	1.5	1.2	1.8	1.5	0.2
	Nushagak	7,590	2,946	15,023	0.00	8,066	3,775	0.3	0.1	0.6	0.3	0.2
	Kvichak	63,033	46,618	80,758	0.00	62,911	10,411	1.1	0.8	1.4	1.1	0.2
	Alagnak	23,990	14,336	36,120	0.00	24,322	6,684	0.5	0.3	0.8	0.5	0.1
	Naknek	109,033	87,434	131,342	0.00	108,555	13,365	1.3	1.0	1.5	1.3	0.2
	Egegik	37,606	21,295	58,585	0.00	38,263	11,447	0.5	0.3	0.8	0.5	0.2
	Ugashik	114,414	88,617	140,094	0.00	113,765	15,666	1.5	1.1	1.8	1.5	0.2
North Peninsula	Cinder	50,593	33,236	69,826	0.00	50,620	11,139	11.3	5.4	20.5	11.9	4.7
	Meshik	21,230	2,373	39,502	0.01	21,029	11,063	9.1	1.1	19.1	9.5	5.4
	Ilnik	92,663	77,873	107,888	0.00	92,237	9,169	35.5	28.5	42.9	35.6	4.4
	Sandy	12,244	6,746	20,552	0.00	12,706	4,281	13.9	8.1	21.8	14.3	4.2
	Bear	268,352	244,389	289,177	0.00	266,268	13,639	16.1	14.9	17.5	16.2	0.8
	Nelson	41,240	31,179	52,402	0.00	41,221	6,482	6.5	5.0	8.2	6.5	1.0
	NW Dist.-BH	2,520	764	5,689	0.00	2,763	1,542	0.8	0.2	2.1	0.9	0.6
South Peninsula		0	0	232	0.79	51	262	0.0	0.0	0.2	0.0	0.2
Chignik	Black Lake	0	0	145	0.81	36	203	0.0	0.0	0.0	0.0	0.0
	Chignik Lake	0	0	126	0.81	32	184	0.0	0.0	0.0	0.0	0.0
East of WASSIP		27,414	20,145	35,740	0.00	27,441	4,770	–	–	–	–	–
Total		1,029,874				1,029,904						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
Note: Harvest rates are calculated by dividing the harvest posterior by total run posterior distributions; therefore, mean harvest rate may not equal harvest rate calculated from numbers reported in the tables if distributions are highly skewed.
Note: Harvest rate for East of WASSIP not calculated because it was not part of WASSIP plan.
[a] Adjusted median; 1.01 times unadjusted median.

Appendix D48.–Ilnik Section southern statistical area, Northern District, Westward Region, 2008, all strata. Subregional reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, the probability that reporting group harvest estimate is equal to zero ($P = 0$), means, and SDs are reported.

Reporting Group		Harvest = 348,585; 3 strata						Harvest Rate (%)				
			90% CI						90% CI			
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD	Median	5%	95%	Mean	SD
Norton Sound		0	0	36	0.87	14	103	0.0	0.0	0.1	0.1	0.3
Kuskokwim Bay	Kuskokwim R.	3,421	1,043	6,514	0.02	3,529	1,680	0.5	0.1	1.4	0.6	0.4
	Kanektok	183	0	2,759	0.40	657	1,003	0.1	0.0	1.1	0.3	0.4
	Goodnews	7,113	3,353	11,196	0.00	7,131	2,386	1.9	0.9	3.3	2.0	0.8
Bristol Bay	Togiak	0	0	1,124	0.81	191	813	0.0	0.0	0.2	0.0	0.1
	Igushik	18,350	12,059	24,747	0.00	18,252	3,870	1.1	0.7	1.5	1.1	0.2
	Wood	39,824	32,133	47,895	0.00	39,616	4,807	0.5	0.4	0.7	0.5	0.1
	Nushagak	9,060	5,092	13,765	0.00	9,131	2,646	0.4	0.2	0.7	0.4	0.1
	Kvichak	10,586	6,596	15,326	0.00	10,657	2,667	0.2	0.1	0.2	0.2	0.0
	Alagnak	8,442	5,435	12,066	0.00	8,495	2,026	0.2	0.1	0.3	0.2	0.0
	Naknek	27,706	21,904	33,764	0.00	27,554	3,620	0.3	0.3	0.4	0.3	0.0
	Egegik	14,498	9,518	20,778	0.00	14,647	3,494	0.2	0.1	0.3	0.2	0.0
	Ugashik	34,423	26,319	42,353	0.00	34,136	4,887	1.1	0.8	1.4	1.1	0.2
North Peninsula	Cinder	9,256	4,823	14,517	0.00	9,337	2,952	2.8	1.1	6.5	3.2	1.8
	Meshik	28,946	22,646	35,558	0.00	28,794	3,921	8.5	4.8	13.2	8.7	2.6
	Ilnik	9,404	6,319	13,018	0.00	9,436	2,044	10.8	5.5	19.7	11.4	4.4
	Sandy	1,542	262	4,209	0.01	1,788	1,248	3.6	0.6	9.6	4.1	2.8
	Bear	112,474	102,582	120,620	0.00	111,363	5,487	10.2	9.3	11.1	10.2	0.6
	Nelson	12,874	9,343	16,818	0.00	12,859	2,280	2.9	1.9	4.2	3.0	0.7
	NW Dist.-BH	0	0	581	0.81	81	326	0.0	0.0	0.1	0.0	0.1
South Peninsula		0	0	209	0.83	44	220	0.0	0.0	0.1	0.0	0.1
Chignik	Black Lake	0	0	19	0.88	9	66	0.0	0.0	0.0	0.0	0.0
	Chignik Lake	0	0	35	0.87	15	105	0.0	0.0	0.0	0.0	0.0
East of WASSIP		483	0	3,012	0.19	847	1,024	–	–	–	–	–
Total		348,585				348,583						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
Note: Harvest rates are calculated by dividing the harvest posterior by total run posterior distributions; therefore, mean harvest rate may not equal harvest rate calculated from numbers reported in the tables if distributions are highly skewed.
Note: Harvest rate for East of WASSIP not calculated because it was not part of WASSIP plan.
[a] Adjusted median; 1.01 times unadjusted median.

Appendix D49.–Ilnik Section northern statistical area, Northern District, Westward Region, 2006, all strata. Subregional reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, the probability that reporting group harvest estimate is equal to zero ($P = 0$), means, and SDs are reported.

Reporting Group		Harvest = 541,741; 4 strata						Harvest Rate (%)				
			90% CI						90% CI			
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD	Median	5%	95%	Mean	SD
Norton Sound		0	0	326	0.79	59	270	0.0	0.0	0.4	0.1	0.3
Kuskokwim Bay	Kuskokwim R.	0	0	108	0.81	28	183	0.0	0.0	0.0	0.0	0.0
	Kanektok	0	0	1,046	0.70	161	556	0.0	0.0	0.2	0.0	0.1
	Goodnews	6,440	0	14,744	0.14	6,436	4,782	1.3	0.0	3.4	1.4	1.1
Bristol Bay	Togiak	867	128	11,412	0.00	2,763	3,832	0.1	0.0	1.4	0.4	0.5
	Igushik	10,509	4,437	17,626	0.00	10,575	4,017	1.4	0.6	2.4	1.4	0.6
	Wood	23,696	17,245	30,773	0.00	23,521	4,147	0.2	0.1	0.3	0.2	0.0
	Nushagak	0	0	3,751	0.54	718	1,468	0.0	0.0	0.1	0.0	0.1
	Kvichak	22,644	14,440	31,606	0.00	22,503	5,241	0.4	0.3	0.6	0.4	0.1
	Alagnak	7,534	4,008	12,457	0.00	7,693	2,598	0.2	0.1	0.4	0.2	0.1
	Naknek	27,802	19,557	37,081	0.00	27,647	5,356	0.5	0.4	0.7	0.5	0.1
	Egegik	44,683	28,041	75,191	0.00	46,974	14,574	0.5	0.3	0.9	0.6	0.2
	Ugashik	229,670	193,622	252,956	0.00	224,441	17,978	5.5	4.7	6.2	5.5	0.5
North Peninsula	Cinder	10,641	5,612	23,324	0.00	11,806	5,458	3.7	1.5	9.3	4.3	2.6
	Meshik	17,263	1,853	32,286	0.00	16,580	9,534	4.3	0.5	11.6	4.9	3.6
	Ilnik	33,114	23,116	44,352	0.00	32,919	6,482	14.3	10.0	19.6	14.5	2.9
	Sandy	12,395	7,351	18,775	0.00	12,491	3,518	10.5	6.4	15.9	10.7	2.9
	Bear	58,172	46,369	69,414	0.00	57,389	7,044	4.5	3.7	5.5	4.6	0.6
	Nelson	18,454	11,617	26,393	0.00	18,436	4,519	3.1	2.0	4.4	3.1	0.8
	NW Dist.-BH	0	0	2,043	0.53	437	744	0.0	0.0	0.7	0.1	0.3
South Peninsula		0	0	290	0.78	55	259	0.0	0.0	0.2	0.0	0.2
Chignik	Black Lake	0	0	1,738	0.64	273	716	0.0	0.0	0.1	0.0	0.1
	Chignik Lake	0	0	838	0.77	137	600	0.0	0.0	0.1	0.0	0.1
East of WASSIP		17,859	13,197	23,010	0.00	17,725	3,000	–	–	–	–	–
Total		541,743				541,767						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
Note: Harvest rates are calculated by dividing the harvest posterior by total run posterior distributions; therefore, mean harvest rate may not equal harvest rate calculated from numbers reported in the tables if distributions are highly skewed.
Note: Harvest rate for East of WASSIP not calculated because it was not part of WASSIP plan.
[a] Adjusted median; 1.02 times unadjusted median.

Appendix D50.–Ilnik Section northern statistical area, Northern District, Westward Region, 2007, all strata. Subregional reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, the probability that reporting group harvest estimate is equal to zero ($P = 0$), means, and SDs are reported.

Reporting Group		Harvest = 746,557; 4 strata						Harvest Rate (%)				
			90% CI						90% CI			
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD	Median	5%	95%	Mean	SD
Norton Sound		760	0	2,409	0.09	927	892	1.1	0.0	3.6	1.4	1.3
Kuskokwim Bay	Kuskokwim R.	456	0	2,761	0.30	798	972	0.1	0.0	0.6	0.2	0.2
	Kanektok	6,980	0	18,327	0.27	7,004	6,508	1.3	0.0	3.4	1.3	1.2
	Goodnews	8,905	3,599	19,937	0.00	10,035	5,248	2.0	0.8	4.7	2.3	1.2
Bristol Bay	Togiak	4,084	0	11,210	0.09	4,576	3,582	0.4	0.0	1.1	0.5	0.4
	Igushik	21,184	10,511	33,334	0.00	21,265	6,933	2.5	1.2	4.0	2.5	0.9
	Wood	40,724	28,347	54,781	0.00	40,631	8,064	0.5	0.3	0.7	0.5	0.1
	Nushagak	236	0	7,850	0.39	1,658	2,803	0.0	0.0	0.3	0.1	0.1
	Kvichak	25,241	15,862	36,162	0.00	25,271	6,202	0.4	0.3	0.6	0.4	0.1
	Alagnak	17,764	10,190	27,159	0.00	17,929	5,197	0.4	0.2	0.6	0.4	0.1
	Naknek	53,320	40,463	66,680	0.00	52,885	8,008	0.6	0.5	0.8	0.6	0.1
	Egegik	39,469	23,851	59,554	0.00	39,894	11,039	0.5	0.3	0.8	0.5	0.2
	Ugashik	206,091	174,057	233,479	0.00	203,200	18,070	2.6	2.2	3.1	2.6	0.3
North Peninsula	Cinder	33,908	19,446	49,222	0.00	33,732	9,074	7.5	3.3	14.2	7.9	3.4
	Meshik	27,662	17,354	42,870	0.00	28,276	7,925	12.3	6.2	22.0	13.0	4.9
	Ilnik	28,305	20,074	41,178	0.00	28,854	6,496	10.8	7.6	15.7	11.1	2.5
	Sandy	17,700	10,193	27,233	0.00	17,902	5,227	20.0	12.5	28.5	20.2	4.9
	Bear	143,841	124,867	160,238	0.00	141,953	10,788	8.6	7.6	9.7	8.6	0.6
	Nelson	21,580	14,420	30,175	0.00	21,643	4,822	3.4	2.3	4.8	3.4	0.8
	NW Dist.-BH	0	0	260	0.79	64	370	0.0	0.0	0.1	0.0	0.1
South Peninsula		0	0	248	0.79	55	305	0.0	0.0	0.2	0.0	0.2
Chignik	Black Lake	0	0	344	0.77	55	227	0.0	0.0	0.1	0.0	0.0
	Chignik Lake	0	0	600	0.75	88	328	0.0	0.0	0.1	0.0	0.0
East of WASSIP		48,347	38,544	58,100	0.00	47,872	5,965	–	–	–	–	–
Total		746,557				746,567						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
Note: Harvest rates are calculated by dividing the harvest posterior by total run posterior distributions; therefore, mean harvest rate may not equal harvest rate calculated from numbers reported in the tables if distributions are highly skewed.
Note: Harvest rate for East of WASSIP not calculated because it was not part of WASSIP plan.
[a] Adjusted median; 1.02 times unadjusted median.

Appendix D51.–Ilnik Section northern statistical area, Northern District, Westward Region, 2008, all strata. Subregional reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, the probability that reporting group harvest estimate is equal to zero ($P = 0$), means, and SDs are reported.

Reporting Group		Harvest = 537,049; 3 strata						Harvest Rate (%)				
			90% CI						90% CI			
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD	Median	5%	95%	Mean	SD
Norton Sound		0	0	57	0.86	29	242	0.0	0.0	0.2	0.1	0.7
Kuskokwim Bay	Kuskokwim R.	0	0	2,065	0.77	260	888	0.0	0.0	0.3	0.0	0.2
	Kanektok	0	0	2,328	0.69	360	1,130	0.0	0.0	0.9	0.1	0.4
	Goodnews	4,011	0	9,832	0.15	4,188	3,218	1.1	0.0	2.8	1.2	0.9
Bristol Bay	Togiak	7,738	3,064	14,059	0.01	7,969	3,380	1.0	0.4	1.9	1.1	0.5
	Igushik	40,924	25,223	57,221	0.00	40,682	9,777	2.4	1.5	3.3	2.4	0.6
	Wood	86,465	66,641	105,719	0.00	85,647	11,898	1.2	0.9	1.5	1.2	0.2
	Nushagak	28,128	17,103	40,431	0.00	28,114	7,118	1.3	0.8	2.0	1.4	0.4
	Kvichak	26,464	16,946	36,901	0.00	26,421	6,073	0.4	0.3	0.6	0.4	0.1
	Alagnak	19,138	12,392	27,060	0.00	19,203	4,478	0.4	0.3	0.6	0.4	0.1
	Naknek	54,028	41,585	66,759	0.00	53,667	7,694	0.6	0.5	0.8	0.6	0.1
	Egegik	29,314	14,317	44,999	0.00	29,228	9,341	0.4	0.2	0.6	0.4	0.1
	Ugashik	107,868	86,607	128,461	0.00	106,918	12,730	3.4	2.7	4.1	3.4	0.4
North Peninsula	Cinder	9,556	0	19,840	0.14	9,160	6,490	2.7	0.0	8.0	3.1	2.6
	Meshik	58,156	44,394	72,405	0.00	57,778	8,545	17.1	9.5	26.4	17.4	5.1
	Ilnik	2,533	467	14,095	0.00	4,389	4,482	3.0	0.5	16.2	5.1	5.2
	Sandy	0	0	1,789	0.75	242	780	0.0	0.0	4.1	0.5	1.7
	Bear	57,997	50,138	65,655	0.00	57,492	4,730	5.2	4.6	6.0	5.3	0.4
	Nelson	2,154	303	5,523	0.00	2,413	1,646	0.5	0.1	1.3	0.6	0.4
	NW Dist.-BH	0	0	52	0.87	24	178	0.0	0.0	0.0	0.0	0.0
South Peninsula		0	0	72	0.86	29	197	0.0	0.0	0.0	0.0	0.1
Chignik	Black Lake	0	0	45	0.87	20	135	0.0	0.0	0.0	0.0	0.0
	Chignik Lake	0	0	158	0.84	39	212	0.0	0.0	0.0	0.0	0.0
East of WASSIP		2,576	927	5,434	0.00	2,776	1,411	–	–	–	–	–
Total		537,050				537,048						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
Note: Harvest rates are calculated by dividing the harvest posterior by total run posterior distributions; therefore, mean harvest rate may not equal harvest rate calculated from numbers reported in the tables if distributions are highly skewed.
Note: Harvest rate for East of WASSIP not calculated because it was not part of WASSIP plan.
[a] Adjusted median; 1.01 times unadjusted median.

Appendix D52.–Outer Port Heiden Section, Northern District, Westward Region, 2006, all strata. Subregional reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, the probability that reporting group harvest estimate is equal to zero ($P = 0$), means, and SDs are reported.

Reporting Group		Harvest = 0; 0 strata						Harvest Rate (%)				
			90% CI						90% CI			
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD	Median	5%	95%	Mean	SD
Norton Sound		0	0	0	1.00	0	0	0.0	0.0	0.0	0.0	0.0
Kuskokwim Bay	Kuskokwim R.	0	0	0	1.00	0	0	0.0	0.0	0.0	0.0	0.0
	Kanektok	0	0	0	1.00	0	0	0.0	0.0	0.0	0.0	0.0
	Goodnews	0	0	0	1.00	0	0	0.0	0.0	0.0	0.0	0.0
Bristol Bay	Togiak	0	0	0	1.00	0	0	0.0	0.0	0.0	0.0	0.0
	Igushik	0	0	0	1.00	0	0	0.0	0.0	0.0	0.0	0.0
	Wood	0	0	0	1.00	0	0	0.0	0.0	0.0	0.0	0.0
	Nushagak	0	0	0	1.00	0	0	0.0	0.0	0.0	0.0	0.0
	Kvichak	0	0	0	1.00	0	0	0.0	0.0	0.0	0.0	0.0
	Alagnak	0	0	0	1.00	0	0	0.0	0.0	0.0	0.0	0.0
	Naknek	0	0	0	1.00	0	0	0.0	0.0	0.0	0.0	0.0
	Egegik	0	0	0	1.00	0	0	0.0	0.0	0.0	0.0	0.0
	Ugashik	0	0	0	1.00	0	0	0.0	0.0	0.0	0.0	0.0
North Peninsula	Cinder	0	0	0	1.00	0	0	0.0	0.0	0.0	0.0	0.0
	Meshik	0	0	0	1.00	0	0	0.0	0.0	0.0	0.0	0.0
	Ilnik	0	0	0	1.00	0	0	0.0	0.0	0.0	0.0	0.0
	Sandy	0	0	0	1.00	0	0	0.0	0.0	0.0	0.0	0.0
	Bear	0	0	0	1.00	0	0	0.0	0.0	0.0	0.0	0.0
	Nelson	0	0	0	1.00	0	0	0.0	0.0	0.0	0.0	0.0
	NW Dist.-BH	0	0	0	1.00	0	0	0.0	0.0	0.0	0.0	0.0
South Peninsula		0	0	0	1.00	0	0	0.0	0.0	0.0	0.0	0.0
Chignik	Black Lake	0	0	0	1.00	0	0	0.0	0.0	0.0	0.0	0.0
	Chignik Lake	0	0	0	1.00	0	0	0.0	0.0	0.0	0.0	0.0
East of WASSIP		0	0	0	1.00	0	0	–	–	–	–	–
Total		0				0						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
Note: Harvest rates are calculated by dividing the harvest posterior by total run posterior distributions; therefore, mean harvest rate may not equal harvest rate calculated from numbers reported in the tables if distributions are highly skewed.
Note: Harvest rate for East of WASSIP not calculated because it was not part of WASSIP plan.

Appendix D53.–Outer Port Heiden Section, Northern District, Westward Region, 2007, all strata. Subregional reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, the probability that reporting group harvest estimate is equal to zero ($P = 0$), means, and SDs are reported.

Reporting Group		Harvest = 387,786; 3 strata						Harvest Rate (%)				
			90% CI						90% CI			
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD	Median	5%	95%	Mean	SD
Norton Sound		0	0	1,001	0.76	129	487	0.0	0.0	1.5	0.2	0.7
Kuskokwim Bay	Kuskokwim R.	163	0	1,576	0.27	406	591	0.0	0.0	0.3	0.1	0.1
	Kanektok	0	0	1,285	0.53	253	510	0.0	0.0	0.2	0.1	0.1
	Goodnews	8	0	7,297	0.46	1,686	2,635	0.0	0.0	1.7	0.4	0.6
Bristol Bay	Togiak	4,111	0	6,815	0.08	3,720	2,115	0.4	0.0	0.7	0.4	0.2
	Igushik	1,843	0	7,456	0.14	2,442	2,446	0.2	0.0	0.9	0.3	0.3
	Wood	32,976	25,413	40,050	0.00	32,598	4,444	0.4	0.3	0.5	0.4	0.1
	Nushagak	1,528	159	4,203	0.00	1,761	1,315	0.1	0.0	0.2	0.1	0.1
	Kvichak	12,832	5,295	20,725	0.00	12,713	4,723	0.2	0.1	0.4	0.2	0.1
	Alagnak	5,024	2,671	8,033	0.00	5,105	1,647	0.1	0.1	0.2	0.1	0.0
	Naknek	27,581	19,865	35,566	0.00	27,383	4,778	0.3	0.2	0.4	0.3	0.1
	Egegik	29,155	19,683	39,364	0.00	29,028	5,992	0.4	0.3	0.5	0.4	0.1
	Ugashik	168,051	149,515	182,675	0.00	165,836	10,086	2.1	1.9	2.4	2.1	0.2
North Peninsula	Cinder	18,909	11,100	26,973	0.00	18,802	4,836	4.2	1.9	7.9	4.4	1.9
	Meshik	26,140	17,543	35,200	0.00	26,001	5,407	11.5	6.0	19.6	12.0	4.2
	Ilnik	8,512	4,628	13,709	0.00	8,676	2,790	3.2	1.8	5.4	3.3	1.1
	Sandy	0	0	321	0.78	50	213	0.0	0.0	0.4	0.1	0.2
	Bear	33,714	27,117	40,222	0.00	33,404	3,992	2.0	1.7	2.4	2.0	0.2
	Nelson	4,560	2,284	7,725	0.00	4,684	1,681	0.7	0.4	1.2	0.7	0.3
	NW Dist.-BH	0	0	81	0.82	21	115	0.0	0.0	0.0	0.0	0.0
South Peninsula		0	0	1,217	0.69	177	473	0.0	0.0	0.8	0.1	0.4
Chignik	Black Lake	0	0	77	0.82	20	117	0.0	0.0	0.0	0.0	0.0
	Chignik Lake	199	0	1,475	0.36	407	530	0.0	0.0	0.2	0.0	0.1
East of WASSIP		12,482	8,627	17,064	0.00	12,509	2,591	–	–	–	–	–
Total		387,788				387,811						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
Note: Harvest rates are calculated by dividing the harvest posterior by total run posterior distributions; therefore, mean harvest rate may not equal harvest rate calculated from numbers reported in the tables if distributions are highly skewed.
Note: Harvest rate for East of WASSIP not calculated because it was not part of WASSIP plan.
[a] Adjusted median; 1.01 times unadjusted median.

Appendix D54.–Outer Port Heiden Section, Northern District, Westward Region, 2008, all strata. Subregional reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, the probability that reporting group harvest estimate is equal to zero ($P = 0$), means, and SDs are reported.

Reporting Group		Harvest = 321,730; 3 strata						Harvest Rate (%)				
			90% CI						90% CI			
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD	Median	5%	95%	Mean	SD
Norton Sound		0	0	84	0.82	25	156	0.0	0.0	0.3	0.1	0.5
Kuskokwim Bay	Kuskokwim R.	0	0	279	0.76	44	181	0.0	0.0	0.0	0.0	0.0
	Kanektok	0	0	819	0.74	126	499	0.0	0.0	0.3	0.1	0.2
	Goodnews	1,154	0	3,527	0.20	1,309	1,194	0.3	0.0	1.0	0.4	0.3
Bristol Bay	Togiak	3,317	2,172	5,408	0.00	3,465	1,019	0.4	0.3	0.7	0.5	0.1
	Igushik	16,423	11,119	22,393	0.00	16,435	3,456	0.9	0.6	1.3	1.0	0.2
	Wood	27,954	21,299	34,719	0.00	27,807	4,086	0.4	0.3	0.5	0.4	0.1
	Nushagak	6,672	3,154	11,124	0.00	6,808	2,443	0.3	0.2	0.5	0.3	0.1
	Kvichak	4,632	498	11,274	0.00	4,988	3,480	0.1	0.0	0.2	0.1	0.1
	Alagnak	5,910	3,316	9,093	0.00	5,986	1,762	0.1	0.1	0.2	0.1	0.0
	Naknek	35,759	28,422	43,360	0.00	35,594	4,545	0.4	0.3	0.5	0.4	0.1
	Egegik	25,579	16,531	35,023	0.00	25,487	5,607	0.3	0.2	0.4	0.3	0.1
	Ugashik	136,774	121,700	150,096	0.00	135,612	8,634	4.3	3.8	4.9	4.3	0.3
North Peninsula	Cinder	5,251	0	11,883	0.06	5,508	3,578	1.5	0.0	4.8	1.9	1.5
	Meshik	44,872	36,409	53,299	0.00	44,607	5,135	13.3	7.5	20.2	13.5	3.9
	Ilnik	0	0	867	0.75	136	531	0.0	0.0	1.0	0.2	0.7
	Sandy	0	0	410	0.73	59	197	0.0	0.0	1.0	0.1	0.5
	Bear	7,128	4,544	10,465	0.00	7,223	1,815	0.7	0.4	1.0	0.7	0.2
	Nelson	0	0	45	0.83	13	84	0.0	0.0	0.0	0.0	0.0
	NW Dist.-BH	0	0	450	0.63	75	200	0.0	0.0	0.1	0.0	0.0
South Peninsula		0	0	197	0.72	32	109	0.0	0.0	0.1	0.0	0.1
Chignik	Black Lake	0	0	34	0.84	10	61	0.0	0.0	0.0	0.0	0.0
	Chignik Lake	0	0	40	0.84	11	67	0.0	0.0	0.0	0.0	0.0
East of WASSIP		305	90	733	0.00	343	212	–	–	–	–	–
Total		321,730				321,703						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
Note: Harvest rates are calculated by dividing the harvest posterior by total run posterior distributions; therefore, mean harvest rate may not equal harvest rate calculated from numbers reported in the tables if distributions are highly skewed.
Note: Harvest rate for East of WASSIP not calculated because it was not part of WASSIP plan.
[a] Adjusted median; 1.01 times unadjusted median.

Appendix D55.–Ugashik District, Bristol Bay Area, Central Region, 2006, all strata. Subregional reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, the probability that reporting group harvest estimate is equal to zero ($P = 0$), means, and SDs are reported.

Reporting Group		Harvest = 2,429,597; 5 strata						Harvest Rate (%)				
			90% CI						90% CI			
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD	Median	5%	95%	Mean	SD
Norton Sound		0	0	1,926	0.64	301	1,149	0.0	0.0	2.5	0.4	1.4
Kuskokwim Bay	Kuskokwim R.	3,285	0	10,175	0.06	3,876	3,101	0.3	0.0	1.0	0.4	0.3
	Kanektok	0	0	10,150	0.52	1,665	3,707	0.0	0.0	2.3	0.4	0.9
	Goodnews	3,684	0	12,627	0.08	4,584	4,162	0.8	0.0	2.8	1.0	0.9
Bristol Bay	Togiak	73	0	3,575	0.38	782	1,391	0.0	0.0	0.5	0.1	0.2
	Igushik	97	0	8,150	0.38	2,032	2,974	0.0	0.0	1.1	0.3	0.4
	Wood	22,718	12,111	39,380	0.00	23,699	8,430	0.2	0.1	0.3	0.2	0.1
	Nushagak	641	0	13,476	0.33	3,193	4,820	0.0	0.0	0.5	0.1	0.2
	Kvichak	40,817	26,611	58,675	0.00	41,259	9,822	0.7	0.5	1.0	0.7	0.2
	Alagnak	12,544	5,891	21,880	0.00	12,968	4,931	0.4	0.2	0.7	0.4	0.2
	Naknek	37,748	24,502	54,032	0.00	38,104	9,034	0.7	0.5	1.0	0.7	0.2
	Egegik	180,775	131,435	251,605	0.00	183,651	36,742	2.1	1.5	2.9	2.1	0.4
	Ugashik	2,103,104	1,975,033	2,191,376	0.00	2,083,997	65,785	50.5	47.1	54.4	50.6	2.2
North Peninsula	Cinder	8,615	3,974	19,172	0.00	9,658	4,815	3.0	1.1	7.8	3.5	2.2
	Meshik	5,058	0	20,383	0.16	6,685	6,875	1.3	0.0	6.4	2.0	2.3
	Ilnik	4,458	0	14,089	0.21	5,073	4,897	1.9	0.0	6.1	2.2	2.1
	Sandy	5,980	0	17,794	0.16	6,681	6,008	5.1	0.0	14.2	5.5	4.8
	Bear	0	0	904	0.65	186	881	0.0	0.0	0.1	0.0	0.1
	Nelson	0	0	1,089	0.64	183	710	0.0	0.0	0.2	0.0	0.1
	NW Dist.-BH	0	0	1,468	0.50	285	738	0.0	0.0	0.5	0.1	0.3
South Peninsula		0	0	473	0.68	96	459	0.0	0.0	0.3	0.1	0.3
Chignik	Black Lake	0	0	537	0.67	100	443	0.0	0.0	0.0	0.0	0.0
	Chignik Lake	0	0	355	0.69	72	351	0.0	0.0	0.0	0.0	0.0
East of WASSIP		0	0	428	0.68	82	383	–	–	–	–	–
Total		2,429,597				2,429,212						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
Note: Harvest rates are calculated by dividing the harvest posterior by total run posterior distributions; therefore, mean harvest rate may not equal harvest rate calculated from numbers reported in the tables if distributions are highly skewed.
Note: Harvest rate for East of WASSIP not calculated because it was not part of WASSIP plan.
[a] Adjusted median; 1.01 times unadjusted median.

Appendix D56.–Ugashik District, Bristol Bay Area, Central Region, 2007, all strata. Subregional reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, the probability that reporting group harvest estimate is equal to zero ($P = 0$), means, and SDs are reported.

Reporting Group		Harvest = 5,026,615; 5 strata						Harvest Rate (%)				
			90% CI						90% CI			
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD	Median	5%	95%	Mean	SD
Norton Sound		0	0	927	0.65	229	1,194	0.0	0.0	1.4	0.3	1.5
Kuskokwim Bay	Kuskokwim R.	0	0	669	0.66	182	1,123	0.0	0.0	0.1	0.0	0.2
	Kanektok	0	0	766	0.68	206	1,225	0.0	0.0	0.1	0.0	0.2
	Goodnews	1,368	0	17,395	0.34	4,746	6,265	0.3	0.0	4.0	1.1	1.4
Bristol Bay	Togiak	0	0	730	0.69	170	902	0.0	0.0	0.1	0.0	0.1
	Igushik	4,427	5	21,690	0.05	7,000	7,497	0.5	0.0	2.6	0.8	0.9
	Wood	5,147	1,336	18,675	0.00	6,871	5,920	0.1	0.0	0.2	0.1	0.1
	Nushagak	0	0	1,928	0.60	422	1,849	0.0	0.0	0.1	0.0	0.1
	Kvichak	106,958	52,269	170,203	0.00	107,909	35,998	1.8	0.9	2.9	1.9	0.6
	Alagnak	41,729	18,214	75,767	0.00	43,465	17,827	0.9	0.4	1.6	0.9	0.4
	Naknek	93,246	55,007	141,711	0.00	94,548	26,565	1.1	0.6	1.6	1.1	0.3
	Egegik	513,071	291,086	1,076,358	0.00	563,990	235,022	6.8	4.0	13.4	7.4	2.8
	Ugashik	4,250,184	3,645,635	4,536,806	0.00	4,170,175	263,818	53.9	50.2	56.7	53.7	2.0
North Peninsula	Cinder	9,492	6,923	25,475	0.00	11,520	6,299	2.3	1.1	6.1	2.7	1.7
	Meshik	47	0	26,589	0.41	5,920	10,640	0.0	0.0	11.5	2.5	4.4
	Ilnik	818	0	16,438	0.11	3,871	5,889	0.3	0.0	6.1	1.5	2.2
	Sandy	0	0	3,994	0.59	590	1,920	0.0	0.0	4.4	0.6	2.0
	Bear	7	0	19,942	0.44	3,806	7,450	0.0	0.0	1.2	0.2	0.5
	Nelson	0	0	844	0.63	203	996	0.0	0.0	0.1	0.0	0.2
	NW Dist.-BH	0	0	596	0.69	146	837	0.0	0.0	0.2	0.1	0.3
South Peninsula		0	0	1,567	0.67	409	2,160	0.0	0.0	1.0	0.3	1.5
Chignik	Black Lake	0	0	606	0.69	146	803	0.0	0.0	0.1	0.0	0.1
	Chignik Lake	0	0	506	0.70	125	703	0.0	0.0	0.1	0.0	0.1
East of WASSIP		121	3	894	0.04	309	943	–	–	–	–	–
Total		5,026,615				5,026,958						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
Note: Harvest rates are calculated by dividing the harvest posterior by total run posterior distributions; therefore, mean harvest rate may not equal harvest rate calculated from numbers reported in the tables if distributions are highly skewed.
Note: Harvest rate for East of WASSIP not calculated because it was not part of WASSIP plan.
[a] Adjusted median; 1.01 times unadjusted median.

Appendix D57.–Ugashik District, Bristol Bay Area, Central Region, 2008, all strata. Subregional reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, the probability that reporting group harvest estimate is equal to zero ($P = 0$), means, and SDs are reported.

Reporting Group		Harvest = 2,334,022; 5 strata						Harvest Rate (%)				
			90% CI						90% CI			
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD	Median	5%	95%	Mean	SD
Norton Sound		0	0	693	0.68	162	808	0.0	0.0	2.3	0.5	2.2
Kuskokwim Bay	Kuskokwim R.	0	0	496	0.68	102	521	0.0	0.0	0.1	0.0	0.1
	Kanektok	8,180	0	34,058	0.14	11,735	11,534	3.2	0.0	12.3	4.4	4.2
	Goodnews	852	0	19,150	0.29	4,551	6,821	0.2	0.0	5.2	1.2	1.9
Bristol Bay	Togiak	186	0	5,381	0.31	1,109	2,918	0.0	0.0	0.7	0.2	0.4
	Igushik	1,249	0	6,223	0.12	1,993	2,270	0.1	0.0	0.4	0.1	0.1
	Wood	5,136	306	11,482	0.03	5,420	3,335	0.1	0.0	0.2	0.1	0.1
	Nushagak	5,344	7	14,029	0.04	6,066	4,257	0.3	0.0	0.7	0.3	0.2
	Kvichak	43,674	19,151	75,787	0.00	44,798	17,397	0.7	0.3	1.2	0.7	0.3
	Alagnak	35,306	20,363	55,609	0.00	36,064	10,822	0.8	0.5	1.2	0.8	0.2
	Naknek	40,457	22,518	64,398	0.00	41,256	12,893	0.5	0.3	0.7	0.5	0.2
	Egegik	358,024	268,683	483,098	0.00	362,380	65,566	4.5	3.4	6.0	4.6	0.8
	Ugashik	1,832,096	1,667,143	1,947,538	0.00	1,810,807	84,919	57.6	53.3	62.3	57.7	2.7
North Peninsula	Cinder	3,450	1,015	8,704	0.00	3,959	2,491	1.1	0.3	3.4	1.3	1.1
	Meshik	0	0	1,047	0.64	201	909	0.0	0.0	0.3	0.1	0.3
	Ilnik	0	0	2,180	0.63	352	1,362	0.0	0.0	2.5	0.4	1.5
	Sandy	67	0	10,272	0.39	2,168	3,823	0.2	0.0	20.4	4.5	7.2
	Bear	0	0	522	0.68	108	546	0.0	0.0	0.1	0.0	0.1
	Nelson	0	0	353	0.70	93	583	0.0	0.0	0.1	0.0	0.1
	NW Dist.-BH	0	0	4,193	0.56	668	1,877	0.0	0.0	0.8	0.1	0.4
South Peninsula		0	0	371	0.69	87	499	0.0	0.0	0.2	0.0	0.2
Chignik	Black Lake	0	0	299	0.70	70	412	0.0	0.0	0.0	0.0	0.1
	Chignik Lake	0	0	298	0.70	66	373	0.0	0.0	0.0	0.0	0.0
East of WASSIP		0	0	512	0.69	129	737	–	–	–	–	–
Total		2,334,021				2,334,344						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
Note: Harvest rates are calculated by dividing the harvest posterior by total run posterior distributions; therefore, mean harvest rate may not equal harvest rate calculated from numbers reported in the tables if distributions are highly skewed.
Note: Harvest rate for East of WASSIP not calculated because it was not part of WASSIP plan.
[a] Adjusted median; 1.01 times unadjusted median.

Appendix D58.–Egegik District, Bristol Bay Area, Central Region, 2006, all strata. Subregional reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, the probability that reporting group harvest estimate is equal to zero ($P = 0$), means, and SDs are reported.

Reporting Group		Harvest = 7,408,233; 5 strata						Harvest Rate (%)				
			90% CI						90% CI			
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD	Median	5%	95%	Mean	SD
Norton Sound		0	0	1,255	0.67	242	1,097	0.0	0.0	1.6	0.3	1.3
Kuskokwim Bay	Kuskokwim R.	0	0	1,181	0.67	235	1,097	0.0	0.0	0.1	0.0	0.1
	Kanektok	9,002	0	27,336	0.17	10,198	9,235	1.8	0.0	6.7	2.3	2.3
	Goodnews	0	0	7,226	0.53	1,183	3,012	0.0	0.0	1.5	0.3	0.7
Bristol Bay	Togiak	0	0	4,241	0.62	649	2,352	0.0	0.0	0.5	0.1	0.3
	Igushik	1,370	0	39,389	0.34	11,173	14,390	0.2	0.0	5.2	1.5	1.9
	Wood	16,224	0	46,250	0.08	18,237	15,195	0.1	0.0	0.4	0.2	0.1
	Nushagak	2,516	0	19,579	0.27	5,360	6,904	0.1	0.0	0.7	0.2	0.3
	Kvichak	158,605	105,030	225,473	0.00	160,653	37,101	2.8	1.9	4.0	2.8	0.6
	Alagnak	73,314	49,613	104,545	0.00	74,587	16,874	2.2	1.5	3.1	2.2	0.5
	Naknek	227,783	169,287	294,813	0.00	228,898	38,350	4.3	3.2	5.5	4.3	0.7
	Egegik	6,412,241	6,045,591	6,771,356	0.00	6,399,704	220,252	74.5	72.7	76.2	74.4	1.1
	Ugashik	507,177	231,267	738,531	0.00	492,246	156,867	12.2	6.0	16.9	11.8	3.4
North Peninsula	Cinder	0	0	6,741	0.60	941	2,957	0.0	0.0	2.3	0.3	1.1
	Meshik	0	0	4,707	0.60	718	2,458	0.0	0.0	1.3	0.2	0.8
	Ilnik	0	0	2,288	0.64	387	1,566	0.0	0.0	1.0	0.2	0.7
	Sandy	0	0	1,017	0.67	197	959	0.0	0.0	0.9	0.2	0.8
	Bear	0	0	1,061	0.67	219	1,090	0.0	0.0	0.1	0.0	0.1
	Nelson	0	0	977	0.67	196	946	0.0	0.0	0.2	0.0	0.2
	NW Dist.-BH	0	0	1,099	0.67	218	1,008	0.0	0.0	0.4	0.1	0.3
South Peninsula		0	0	3,332	0.60	509	1,614	0.0	0.0	2.2	0.4	1.2
Chignik	Black Lake	0	0	944	0.67	186	878	0.0	0.0	0.1	0.0	0.1
	Chignik Lake	0	0	1,028	0.67	196	914	0.0	0.0	0.1	0.0	0.1
East of WASSIP		0	0	2,490	0.63	387	1,377	–	–	–	–	–
Total		7,408,232				7,407,519						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
Note: Harvest rates are calculated by dividing the harvest posterior by total run posterior distributions; therefore, mean harvest rate may not equal harvest rate calculated from numbers reported in the tables if distributions are highly skewed.
Note: Harvest rate for East of WASSIP not calculated because it was not part of WASSIP plan.
[a] Adjusted median; 1.00 times unadjusted median.

Appendix D59.–Egegik District, Bristol Bay Area, Central Region, 2007, all strata. Subregional reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, the probability that reporting group harvest estimate is equal to zero ($P = 0$), means, and SDs are reported.

Reporting Group		Harvest = 6,495,908; 5 strata						Harvest Rate (%)				
			90% CI						90% CI			
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD	Median	5%	95%	Mean	SD
Norton Sound		0	0	1,741	0.65	322	1,409	0.0	0.0	2.5	0.4	1.8
Kuskokwim Bay	Kuskokwim R.	847	0	33,187	0.35	8,820	12,059	0.2	0.0	6.9	1.7	2.5
	Kanektok	0	0	14,218	0.56	2,374	7,168	0.0	0.0	2.6	0.4	1.3
	Goodnews	4,171	0	30,900	0.25	8,523	10,868	0.9	0.0	6.9	1.9	2.4
Bristol Bay	Togiak	10,585	2,225	26,709	0.00	11,954	7,888	1.0	0.2	2.6	1.2	0.8
	Igushik	15,916	4,155	38,118	0.00	17,998	11,114	1.9	0.5	4.5	2.1	1.3
	Wood	47,540	26,299	74,822	0.00	48,367	14,846	0.6	0.3	0.9	0.6	0.2
	Nushagak	7,165	0	35,577	0.14	11,052	12,050	0.3	0.0	1.4	0.4	0.5
	Kvichak	518,635	418,311	623,894	0.00	517,044	62,768	8.9	7.3	10.7	8.9	1.0
	Alagnak	245,324	187,711	309,750	0.00	245,472	37,192	5.1	3.9	6.4	5.1	0.8
	Naknek	427,387	326,001	535,382	0.00	426,530	63,988	4.9	3.8	6.2	4.9	0.7
	Egegik	5,015,799	4,696,770	5,269,562	0.00	4,980,691	173,974	66.6	61.9	69.5	66.3	2.3
	Ugashik	202,540	71,252	387,339	0.00	212,427	97,600	2.6	0.9	4.9	2.7	1.2
North Peninsula	Cinder	0	0	3,519	0.61	583	2,198	0.0	0.0	0.8	0.1	0.5
	Meshik	0	0	5,264	0.61	954	4,083	0.0	0.0	2.3	0.4	1.7
	Ilnik	0	0	1,929	0.65	452	2,363	0.0	0.0	0.7	0.2	0.8
	Sandy	0	0	1,028	0.67	203	983	0.0	0.0	1.2	0.2	1.0
	Bear	0	0	7,713	0.59	1,152	3,850	0.0	0.0	0.5	0.1	0.2
	Nelson	0	0	1,208	0.66	225	1,019	0.0	0.0	0.2	0.0	0.2
	NW Dist.-BH	0	0	1,082	0.67	229	1,148	0.0	0.0	0.3	0.1	0.4
South Peninsula		0	0	1,028	0.67	211	1,040	0.0	0.0	0.7	0.1	0.7
Chignik	Black Lake	0	0	986	0.67	198	945	0.0	0.0	0.2	0.0	0.1
	Chignik Lake	0	0	1,323	0.66	285	1,416	0.0	0.0	0.1	0.0	0.1
East of WASSIP		0	0	1,079	0.67	242	1,277	–	–	–	–	–
Total		6,495,909				6,496,308						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
Note: Harvest rates are calculated by dividing the harvest posterior by total run posterior distributions; therefore, mean harvest rate may not equal harvest rate calculated from numbers reported in the tables if distributions are highly skewed.
Note: Harvest rate for East of WASSIP not calculated because it was not part of WASSIP plan.
[a] Adjusted median; 1.01 times unadjusted median.

Appendix D60.–Egegik District, Bristol Bay Area, Central Region, 2008, all strata. Subregional reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, the probability that reporting group harvest estimate is equal to zero ($P = 0$), means, and SDs are reported.

Reporting Group		Harvest = 7,403,885; 5 strata						Harvest Rate (%)				
			90% CI						90% CI			
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD	Median	5%	95%	Mean	SD
Norton Sound		0	0	3,715	0.63	579	2,209	0.0	0.0	11.1	1.6	5.3
Kuskokwim Bay	Kuskokwim R.	0	0	5,396	0.56	840	2,423	0.0	0.0	0.9	0.1	0.4
	Kanektok	0	0	8,387	0.53	1,355	3,356	0.0	0.0	3.2	0.5	1.3
	Goodnews	11,738	0	32,599	0.18	12,523	11,222	3.1	0.0	8.9	3.4	3.1
Bristol Bay	Togiak	1,674	0	19,331	0.32	5,430	7,118	0.2	0.0	2.5	0.7	0.9
	Igushik	33,169	9,785	58,607	0.01	33,465	14,937	1.9	0.6	3.4	1.9	0.9
	Wood	42,172	15,241	92,556	0.00	46,509	24,537	0.6	0.2	1.3	0.6	0.3
	Nushagak	18,278	0	66,162	0.06	23,891	21,370	0.9	0.0	3.1	1.1	1.0
	Kvichak	686,044	564,572	817,834	0.00	685,956	77,138	10.9	9.1	12.8	10.9	1.1
	Alagnak	221,340	164,979	289,477	0.00	222,908	38,113	4.9	3.7	6.4	4.9	0.8
	Naknek	730,498	613,202	857,688	0.00	730,202	74,266	8.3	7.0	9.7	8.3	0.8
	Egegik	5,358,613	5,008,623	5,681,517	0.00	5,338,653	204,519	67.3	65.1	69.4	67.3	1.3
	Ugashik	300,359	83,339	506,901	0.00	296,772	127,627	9.5	2.8	15.2	9.3	3.7
North Peninsula	Cinder	0	0	9,456	0.53	1,502	3,803	0.0	0.0	3.0	0.5	1.3
	Meshik	0	0	3,562	0.62	608	2,482	0.0	0.0	1.1	0.2	0.7
	Ilnik	0	0	2,313	0.64	430	1,915	0.0	0.0	2.7	0.5	2.0
	Sandy	0	0	2,901	0.64	524	2,243	0.0	0.0	6.4	1.0	3.9
	Bear	0	0	1,126	0.66	239	1,254	0.0	0.0	0.1	0.0	0.1
	Nelson	0	0	889	0.67	191	1,016	0.0	0.0	0.2	0.0	0.2
	NW Dist.-BH	0	0	2,339	0.64	448	2,076	0.0	0.0	0.4	0.1	0.4
South Peninsula		0	0	1,308	0.66	259	1,244	0.0	0.0	0.6	0.1	0.6
Chignik	Black Lake	0	0	1,155	0.66	247	1,312	0.0	0.0	0.2	0.0	0.2
	Chignik Lake	0	0	917	0.67	197	1,041	0.0	0.0	0.1	0.0	0.1
East of WASSIP		0	0	1,933	0.63	314	1,206	–	–	–	–	–
Total		7,403,885				7,404,042						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
Note: Harvest rates are calculated by dividing the harvest posterior by total run posterior distributions; therefore, mean harvest rate may not equal harvest rate calculated from numbers reported in the tables if distributions are highly skewed.
Note: Harvest rate for East of WASSIP not calculated because it was not part of WASSIP plan.
[a] Adjusted median; 1.00 times unadjusted median.

Appendix D61.–Naknek-Kvichak District, Bristol Bay Area, Central Region, 2006, all strata. Subregional reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, the probability that reporting group harvest estimate is equal to zero ($P = 0$), means, and SDs are reported.

Reporting Group		Harvest = 7,150,540; 7 strata						Harvest Rate (%)				
			90% CI						90% CI			
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD	Median	5%	95%	Mean	SD
Norton Sound		0	0	4,898	0.54	828	3,259	0.0	0.0	6.1	0.9	3.4
Kuskokwim Bay	Kuskokwim R.	13	0	9,433	0.40	1,735	3,533	0.0	0.0	0.9	0.2	0.3
	Kanektok	0	0	3,300	0.55	560	2,173	0.0	0.0	0.7	0.1	0.5
	Goodnews	0	0	2,674	0.55	468	1,780	0.0	0.0	0.6	0.1	0.4
Bristol Bay	Togiak	391	0	4,247	0.22	1,098	2,199	0.1	0.0	0.5	0.1	0.3
	Igushik	3,656	0	28,866	0.22	7,843	10,130	0.5	0.0	3.8	1.0	1.3
	Wood	46,016	26,203	71,135	0.00	46,855	13,742	0.4	0.2	0.6	0.4	0.1
	Nushagak	11,467	2,228	28,802	0.00	12,935	8,403	0.4	0.1	1.1	0.5	0.3
	Kvichak	2,322,878	2,156,529	2,478,688	0.00	2,314,897	97,880	40.9	38.4	43.4	40.9	1.5
	Alagnak	1,461,145	1,337,534	1,579,934	0.00	1,456,520	73,622	43.1	40.3	45.9	43.1	1.7
	Naknek	2,962,182	2,754,364	3,158,141	0.00	2,952,473	122,817	55.4	52.9	57.9	55.4	1.5
	Egegik	291,406	223,303	367,299	0.00	292,132	43,866	3.4	2.6	4.3	3.4	0.5
	Ugashik	45,089	3,067	101,425	0.02	48,054	29,482	1.1	0.1	2.4	1.2	0.7
North Peninsula	Cinder	4,891	0	17,661	0.12	6,166	5,946	1.6	0.0	6.8	2.2	2.4
	Meshik	0	0	2,758	0.54	473	1,746	0.0	0.0	0.8	0.1	0.6
	Ilnik	0	0	2,060	0.57	380	1,563	0.0	0.0	0.9	0.2	0.7
	Sandy	0	0	1,130	0.59	217	945	0.0	0.0	1.0	0.2	0.8
	Bear	0	0	1,127	0.59	228	1,058	0.0	0.0	0.1	0.0	0.1
	Nelson	1,408	0	18,917	0.27	4,860	6,776	0.2	0.0	3.1	0.8	1.1
	NW Dist.-BH	0	0	3,620	0.53	553	1,711	0.0	0.0	1.1	0.2	0.6
South Peninsula		0	0	2,859	0.55	470	1,697	0.0	0.0	1.9	0.3	1.2
Chignik	Black Lake	0	0	1,269	0.58	239	1,022	0.0	0.0	0.1	0.0	0.1
	Chignik Lake	0	0	1,215	0.58	220	894	0.0	0.0	0.1	0.0	0.1
East of WASSIP		0	0	1,536	0.58	283	1,173	–	–	–	–	–
Total		7,150,542				7,150,487						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
Note: Harvest rates are calculated by dividing the harvest posterior by total run posterior distributions; therefore, mean harvest rate may not equal harvest rate calculated from numbers reported in the tables if distributions are highly skewed.
Note: Harvest rate for East of WASSIP not calculated because it was not part of WASSIP plan.
[a] Adjusted median; 1.00 times unadjusted median.

Appendix D62.–Naknek-Kvichak District, Bristol Bay Area, Central Region, 2007, all strata. Subregional reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, the probability that reporting group harvest estimate is equal to zero ($P = 0$), means, and SDs are reported.

Reporting Group		Harvest = 9,022,511; 5 strata						Harvest Rate (%)				
			90% CI						90% CI			
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD	Median	5%	95%	Mean	SD
Norton Sound		0	0	3,548	0.64	880	4,610	0.0	0.0	5.0	1.0	4.4
Kuskokwim Bay	Kuskokwim R.	0	0	4,174	0.63	823	3,887	0.0	0.0	0.8	0.2	0.8
	Kanektok	1,618	0	84,703	0.34	23,997	31,189	0.3	0.0	14.2	4.1	5.2
	Goodnews	0	0	4,520	0.61	736	2,806	0.0	0.0	1.0	0.2	0.6
Bristol Bay	Togiak	0	0	9,505	0.57	1,563	5,342	0.0	0.0	0.9	0.2	0.5
	Igushik	9,674	0	45,740	0.19	13,748	15,644	1.1	0.0	5.3	1.6	1.8
	Wood	45,496	24,045	84,291	0.00	48,478	18,755	0.6	0.3	1.0	0.6	0.2
	Nushagak	89,256	32,330	158,096	0.00	91,112	38,436	3.4	1.3	6.0	3.5	1.4
	Kvichak	2,146,599	1,928,140	2,349,360	0.00	2,134,259	128,262	36.8	34.0	39.7	36.8	1.7
	Alagnak	1,852,336	1,659,381	2,034,744	0.00	1,842,900	114,353	38.3	35.4	41.3	38.3	1.8
	Naknek	4,726,847	4,359,197	5,048,358	0.00	4,698,520	209,817	54.4	51.9	56.9	54.4	1.5
	Egegik	144,811	57,695	244,277	0.00	146,666	56,778	1.9	0.8	3.2	2.0	0.7
	Ugashik	5,874	0	60,856	0.19	13,181	20,746	0.1	0.0	0.8	0.2	0.3
North Peninsula	Cinder	0	0	8,432	0.53	1,383	3,430	0.0	0.0	1.9	0.3	0.8
	Meshik	0	0	3,297	0.63	651	2,993	0.0	0.0	1.5	0.3	1.3
	Ilnik	0	0	1,925	0.66	497	2,879	0.0	0.0	0.7	0.2	1.0
	Sandy	0	0	1,285	0.67	298	1,622	0.0	0.0	1.5	0.3	1.6
	Bear	0	0	4,212	0.58	674	2,072	0.0	0.0	0.3	0.0	0.1
	Nelson	0	0	1,170	0.67	253	1,341	0.0	0.0	0.2	0.0	0.2
	NW Dist.-BH	0	0	1,829	0.65	351	1,627	0.0	0.0	0.6	0.1	0.5
South Peninsula		0	0	3,738	0.63	636	2,602	0.0	0.0	2.4	0.4	1.7
Chignik	Black Lake	0	0	1,418	0.66	275	1,324	0.0	0.0	0.2	0.0	0.2
	Chignik Lake	0	0	1,511	0.66	280	1,260	0.0	0.0	0.2	0.0	0.1
East of WASSIP		0	0	2,041	0.65	388	1,752	–	–	–	–	–
Total		9,022,511				9,022,549						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
Note: Harvest rates are calculated by dividing the harvest posterior by total run posterior distributions; therefore, mean harvest rate may not equal harvest rate calculated from numbers reported in the tables if distributions are highly skewed.
Note: Harvest rate for East of WASSIP not calculated because it was not part of WASSIP plan.
[a] Adjusted median; 1.01 times unadjusted median.

Appendix D63.–Naknek-Kvichak District, Bristol Bay Area, Central Region, 2008, all strata. Subregional reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, the probability that reporting group harvest estimate is equal to zero ($P = 0$), means, and SDs are reported.

Reporting Group		Harvest = 10,381,844; 6 strata						Harvest Rate (%)				
			90% CI						90% CI			
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD	Median	5%	95%	Mean	SD
Norton Sound		0	0	4,156	0.58	703	2,670	0.0	0.0	12.5	1.8	5.9
Kuskokwim Bay	Kuskokwim R.	5,226	0	23,903	0.25	7,564	8,523	0.7	0.0	4.5	1.3	1.6
	Kanektok	2,681	0	18,839	0.21	5,138	7,428	1.0	0.0	7.1	1.9	2.7
	Goodnews	5,115	0	45,458	0.23	11,745	16,062	1.4	0.0	11.6	3.1	4.1
Bristol Bay	Togiak	1,923	0	17,820	0.26	4,493	6,977	0.3	0.0	2.3	0.6	0.9
	Igushik	7,273	0	37,598	0.10	11,085	12,674	0.4	0.0	2.2	0.6	0.7
	Wood	106,578	64,577	157,913	0.00	108,047	28,459	1.5	0.9	2.2	1.5	0.4
	Nushagak	28,790	519	83,797	0.03	33,630	26,421	1.4	0.0	4.0	1.6	1.2
	Kvichak	2,517,895	2,300,332	2,729,488	0.00	2,510,687	130,358	39.9	37.2	42.5	39.9	1.6
	Alagnak	1,961,095	1,786,141	2,128,683	0.00	1,954,917	104,269	43.3	40.4	46.1	43.3	1.7
	Naknek	5,227,813	4,906,494	5,518,081	0.00	5,209,245	185,877	59.3	57.1	61.4	59.3	1.3
	Egegik	468,007	369,407	578,476	0.00	469,140	63,425	5.9	4.7	7.2	5.9	0.8
	Ugashik	47,892	0	85,323	0.06	46,216	25,118	1.5	0.0	2.7	1.5	0.8
North Peninsula	Cinder	0	0	3,379	0.59	606	2,479	0.0	0.0	1.1	0.2	0.9
	Meshik	0	0	9,453	0.54	1,405	4,396	0.0	0.0	2.7	0.4	1.3
	Ilnik	0	0	3,020	0.58	512	1,942	0.0	0.0	3.5	0.6	2.1
	Sandy	0	0	3,943	0.58	689	2,712	0.0	0.0	8.6	1.3	4.6
	Bear	0	0	3,428	0.57	546	1,855	0.0	0.0	0.3	0.1	0.2
	Nelson	0	0	1,840	0.61	329	1,366	0.0	0.0	0.4	0.1	0.3
	NW Dist.-BH	0	0	2,186	0.60	400	1,667	0.0	0.0	0.4	0.1	0.3
South Peninsula		1,557	0	14,019	0.09	3,406	5,506	0.7	0.0	6.4	1.6	2.5
Chignik	Black Lake	0	0	3,815	0.58	611	2,180	0.0	0.0	0.5	0.1	0.3
	Chignik Lake	0	0	3,440	0.59	605	2,424	0.0	0.0	0.4	0.1	0.3
East of WASSIP		0	0	4,041	0.58	669	2,498	–	–	–	–	–
Total		10,381,845				10,382,388						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
Note: Harvest rates are calculated by dividing the harvest posterior by total run posterior distributions; therefore, mean harvest rate may not equal harvest rate calculated from numbers reported in the tables if distributions are highly skewed.
Note: Harvest rate for East of WASSIP not calculated because it was not part of WASSIP plan.
[a] Adjusted median; 1.00 times unadjusted median.

Appendix D64.–Nushagak District, Bristol Bay Area, Central Region, 2006, all strata. Subregional reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, the probability that reporting group harvest estimate is equal to zero ($P = 0$), means, and SDs are reported.

Reporting Group		Harvest = 10,876,357; 6 strata						Harvest Rate (%)				
			90% CI						90% CI			
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD	Median	5%	95%	Mean	SD
Norton Sound		0	0	2,493	0.61	571	3,051	0.0	0.0	3.2	0.6	2.8
Kuskokwim Bay	Kuskokwim R.	280,661	153,802	460,859	0.00	289,399	93,888	26.7	16.6	37.9	26.9	6.4
	Kanektok	2,334	0	16,119	0.20	4,753	9,593	0.5	0.0	3.8	1.0	2.0
	Goodnews	12,126	0	122,552	0.12	35,607	42,742	2.8	0.0	22.8	6.9	7.9
Bristol Bay	Togiak	578	0	12,818	0.33	3,476	7,995	0.1	0.0	1.6	0.4	1.0
	Igushik	385,889	267,986	528,556	0.00	389,152	80,513	51.8	42.5	60.1	51.6	5.4
	Wood	8,160,138	7,704,626	8,541,615	0.00	8,116,761	254,131	65.3	63.2	67.4	65.3	1.3
	Nushagak	2,029,713	1,763,463	2,286,760	0.00	2,020,908	158,791	76.6	72.8	79.9	76.5	2.2
	Kvichak	4,917	0	22,591	0.05	7,212	7,680	0.1	0.0	0.4	0.1	0.1
	Alagnak	0	0	14,046	0.54	2,121	6,814	0.0	0.0	0.4	0.1	0.2
	Naknek	0	0	2,383	0.61	472	2,159	0.0	0.0	0.0	0.0	0.0
	Egegik	0	0	3,913	0.59	655	2,550	0.0	0.0	0.1	0.0	0.0
	Ugashik	0	0	2,872	0.61	550	2,491	0.0	0.0	0.1	0.0	0.1
North Peninsula	Cinder	0	0	2,028	0.62	447	2,265	0.0	0.0	0.7	0.2	0.8
	Meshik	0	0	1,722	0.62	355	1,697	0.0	0.0	0.5	0.1	0.5
	Ilnik	0	0	1,729	0.62	358	1,722	0.0	0.0	0.8	0.2	0.7
	Sandy	0	0	1,607	0.62	353	1,805	0.0	0.0	1.4	0.3	1.3
	Bear	0	0	1,341	0.63	279	1,345	0.0	0.0	0.1	0.0	0.1
	Nelson	0	0	1,304	0.63	269	1,293	0.0	0.0	0.2	0.0	0.2
	NW Dist.-BH	0	0	1,418	0.63	300	1,446	0.0	0.0	0.4	0.1	0.5
South Peninsula		0	0	7,504	0.60	1,694	7,799	0.0	0.0	4.8	1.0	4.2
Chignik	Black Lake	0	0	1,316	0.63	278	1,367	0.0	0.0	0.1	0.0	0.1
	Chignik Lake	0	0	2,334	0.61	416	1,718	0.0	0.0	0.2	0.0	0.2
East of WASSIP		0	0	1,810	0.62	374	1,790	–	–	–	–	–
Total		10,876,356				10,876,760						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
Note: Harvest rates are calculated by dividing the harvest posterior by total run posterior distributions; therefore, mean harvest rate may not equal harvest rate calculated from numbers reported in the tables if distributions are highly skewed.
Note: Harvest rate for East of WASSIP not calculated because it was not part of WASSIP plan.
[a] Adjusted median; 1.01 times unadjusted median.

Appendix D65.–Nushagak District, Bristol Bay Area, Central Region, 2007, all strata. Subregional reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, the probability that reporting group harvest estimate is equal to zero ($P = 0$), means, and SDs are reported.

Reporting Group		Harvest = 8,404,111; 5 strata						Harvest Rate (%)				
			90% CI						90% CI			
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD	Median	5%	95%	Mean	SD
Norton Sound		0	0	24,910	0.56	3,514	9,616	0.0	0.0	27.9	3.8	9.4
Kuskokwim Bay	Kuskokwim R.	9,033	1,727	65,301	0.00	16,842	24,854	1.7	0.3	11.7	3.1	4.4
	Kanektok	56,186	8,103	145,664	0.00	67,015	40,860	10.6	1.6	23.5	11.9	6.3
	Goodnews	32,800	537	76,525	0.03	35,217	22,545	7.4	0.1	16.6	7.9	4.9
Bristol Bay	Togiak	43,659	28,324	69,321	0.00	45,347	13,273	4.3	2.9	6.7	4.5	1.3
	Igushik	273,641	135,000	430,585	0.00	276,547	89,169	32.0	18.8	43.0	31.7	7.2
	Wood	6,070,728	5,717,567	6,365,771	0.00	6,039,325	196,837	73.0	71.3	74.5	72.9	1.0
	Nushagak	1,867,102	1,665,804	2,055,986	0.00	1,858,252	118,522	71.7	67.9	75.3	71.7	2.3
	Kvichak	0	0	10,988	0.53	1,750	4,342	0.0	0.0	0.2	0.0	0.1
	Alagnak	288	0	13,809	0.36	2,931	5,238	0.0	0.0	0.3	0.1	0.1
	Naknek	14,893	0	37,914	0.06	16,332	11,672	0.2	0.0	0.4	0.2	0.1
	Egegik	0	0	10,637	0.54	1,600	4,209	0.0	0.0	0.1	0.0	0.1
	Ugashik	35,781	22,144	53,282	0.00	36,393	9,687	0.5	0.3	0.7	0.5	0.1
North Peninsula	Cinder	0	0	2,081	0.65	393	1,742	0.0	0.0	0.5	0.1	0.4
	Meshik	0	0	3,202	0.63	541	2,162	0.0	0.0	1.4	0.2	1.0
	Ilnik	0	0	3,794	0.63	662	2,696	0.0	0.0	1.4	0.2	1.0
	Sandy	0	0	1,492	0.66	288	1,292	0.0	0.0	1.7	0.3	1.3
	Bear	0	0	1,225	0.67	244	1,152	0.0	0.0	0.1	0.0	0.1
	Nelson	0	0	1,121	0.67	232	1,154	0.0	0.0	0.2	0.0	0.2
	NW Dist.-BH	0	0	1,430	0.66	285	1,346	0.0	0.0	0.4	0.1	0.5
South Peninsula		0	0	1,486	0.66	307	1,506	0.0	0.0	1.0	0.2	1.0
Chignik	Black Lake	0	0	1,104	0.67	229	1,147	0.0	0.0	0.2	0.0	0.2
	Chignik Lake	0	0	1,104	0.67	218	1,042	0.0	0.0	0.1	0.0	0.1
East of WASSIP		0	0	1,563	0.66	316	1,498	–	–	–	–	–
Total		8,404,111				8,404,780						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
Note: Harvest rates are calculated by dividing the harvest posterior by total run posterior distributions; therefore, mean harvest rate may not equal harvest rate calculated from numbers reported in the tables if distributions are highly skewed.
Note: Harvest rate for East of WASSIP not calculated because it was not part of WASSIP plan.
[a] Adjusted median; 1.01 times unadjusted median.

Appendix D66.–Nushagak District, Bristol Bay Area, Central Region, 2008, all strata. Subregional reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, the probability that reporting group harvest estimate is equal to zero ($P = 0$), means, and SDs are reported.

Reporting Group		Harvest = 6,903,156; 5 strata						Harvest Rate (%)				
			90% CI						90% CI			
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD	Median	5%	95%	Mean	SD
Norton Sound		0	0	6,875	0.61	1,148	4,581	0.0	0.0	19.1	2.6	8.5
Kuskokwim Bay	Kuskokwim R.	1,784	0	38,879	0.31	8,960	14,404	0.3	0.0	6.5	1.5	2.5
	Kanektok	8,508	0	30,009	0.14	10,683	11,696	3.3	0.0	11.0	4.0	4.0
	Goodnews	17,164	0	52,633	0.17	19,334	17,873	4.6	0.0	13.6	5.1	4.6
Bristol Bay	Togiak	23,873	5,368	43,237	0.01	24,357	11,269	3.1	0.7	5.6	3.2	1.4
	Igushik	466,590	347,857	603,095	0.00	468,332	77,663	27.0	21.5	32.8	27.1	3.4
	Wood	5,004,680	4,717,157	5,245,841	0.00	4,980,217	160,529	68.1	66.2	70.0	68.1	1.2
	Nushagak	1,367,973	1,202,207	1,531,271	0.00	1,363,289	100,098	65.4	61.0	69.4	65.3	2.6
	Kvichak	3,944	310	20,965	0.00	6,324	7,199	0.1	0.0	0.3	0.1	0.1
	Alagnak	0	0	2,000	0.65	392	1,800	0.0	0.0	0.0	0.0	0.0
	Naknek	0	0	2,238	0.64	414	1,844	0.0	0.0	0.0	0.0	0.0
	Egegik	5	0	23,647	0.45	4,675	8,507	0.0	0.0	0.3	0.1	0.1
	Ugashik	8,635	0	32,740	0.25	10,938	11,646	0.3	0.0	1.0	0.4	0.4
North Peninsula	Cinder	0	0	1,516	0.65	287	1,308	0.0	0.0	0.5	0.1	0.5
	Meshik	0	0	1,612	0.65	304	1,387	0.0	0.0	0.5	0.1	0.4
	Ilnik	0	0	1,498	0.66	274	1,207	0.0	0.0	1.7	0.3	1.4
	Sandy	0	0	1,271	0.66	245	1,153	0.0	0.0	2.9	0.5	2.2
	Bear	0	0	1,300	0.66	253	1,196	0.0	0.0	0.1	0.0	0.1
	Nelson	0	0	5,843	0.59	905	3,021	0.0	0.0	1.3	0.2	0.7
	NW Dist.-BH	0	0	1,226	0.66	249	1,197	0.0	0.0	0.2	0.1	0.2
South Peninsula		0	0	1,335	0.66	263	1,253	0.0	0.0	0.6	0.1	0.6
Chignik	Black Lake	0	0	1,153	0.66	227	1,074	0.0	0.0	0.2	0.0	0.2
	Chignik Lake	0	0	1,241	0.66	238	1,142	0.0	0.0	0.2	0.0	0.1
East of WASSIP		0	0	1,737	0.65	400	2,107	–	–	–	–	–
Total		6,903,156				6,902,708						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
Note: Harvest rates are calculated by dividing the harvest posterior by total run posterior distributions; therefore, mean harvest rate may not equal harvest rate calculated from numbers reported in the tables if distributions are highly skewed.
Note: Harvest rate for East of WASSIP not calculated because it was not part of WASSIP plan.
[a] Adjusted median; 1.01 times unadjusted median.

Appendix D67.–Togiak District, Bristol Bay Area, Central Region, 2006, all strata. Subregional reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, the probability that reporting group harvest estimate is equal to zero ($P = 0$), means, and SDs are reported.

Reporting Group		Harvest = 626,442; 5 strata						Harvest Rate (%)				
			90% CI						90% CI			
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD	Median	5%	95%	Mean	SD
Norton Sound		0	0	330	0.62	53	190	0.0	0.0	0.4	0.1	0.3
Kuskokwim Bay	Kuskokwim R.	152	0	6,137	0.27	1,316	2,150	0.0	0.0	0.6	0.1	0.2
	Kanektok	1,993	0	5,222	0.08	2,189	1,694	0.4	0.0	1.3	0.5	0.4
	Goodnews	159,004	119,839	195,343	0.00	157,803	22,913	33.1	19.7	49.3	33.6	9.0
Bristol Bay	Togiak	454,709	411,310	493,864	0.00	451,933	25,132	57.2	54.0	60.1	57.1	1.9
	Igushik	179	0	4,020	0.28	899	1,431	0.0	0.0	0.6	0.1	0.2
	Wood	8,069	4,629	12,562	0.00	8,227	2,435	0.1	0.0	0.1	0.1	0.0
	Nushagak	2,298	0	7,710	0.08	2,785	2,574	0.1	0.0	0.3	0.1	0.1
	Kvichak	0	0	969	0.56	153	465	0.0	0.0	0.0	0.0	0.0
	Alagnak	0	0	208	0.64	39	165	0.0	0.0	0.0	0.0	0.0
	Naknek	38	0	2,016	0.36	432	744	0.0	0.0	0.0	0.0	0.0
	Egegik	0	0	229	0.64	41	162	0.0	0.0	0.0	0.0	0.0
	Ugashik	0	0	176	0.65	32	132	0.0	0.0	0.0	0.0	0.0
North Peninsula	Cinder	0	0	662	0.50	120	299	0.0	0.0	0.2	0.0	0.1
	Meshik	0	0	233	0.63	42	173	0.0	0.0	0.1	0.0	0.1
	Ilnik	0	0	168	0.65	31	128	0.0	0.0	0.1	0.0	0.1
	Sandy	0	0	275	0.63	51	209	0.0	0.0	0.2	0.0	0.2
	Bear	0	0	159	0.65	31	138	0.0	0.0	0.0	0.0	0.0
	Nelson	0	0	124	0.67	24	102	0.0	0.0	0.0	0.0	0.0
	NW Dist.-BH	0	0	379	0.61	57	176	0.0	0.0	0.1	0.0	0.1
South Peninsula		0	0	478	0.56	77	203	0.0	0.0	0.3	0.1	0.2
Chignik	Black Lake	0	0	156	0.66	32	147	0.0	0.0	0.0	0.0	0.0
	Chignik Lake	0	0	328	0.60	54	182	0.0	0.0	0.0	0.0	0.0
East of WASSIP		0	0	149	0.66	28	118	–	–	–	–	–
Total		626,442				626,449						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
Note: Harvest rates are calculated by dividing the harvest posterior by total run posterior distributions; therefore, mean harvest rate may not equal harvest rate calculated from numbers reported in the tables if distributions are highly skewed.
Note: Harvest rate for East of WASSIP not calculated because it was not part of WASSIP plan.
[a] Adjusted median; 1.01 times unadjusted median.

AppeAppendix D68.–Togiak District, Bristol Bay Area, Central Region, 2007, all strata. Subregional reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, the probability that reporting group harvest estimate is equal to zero ($P = 0$), means, and SDs are reported.

Reporting Group		Harvest = 816,581; 5 strata						Harvest Rate (%)				
			90% CI						90% CI			
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD	Median	5%	95%	Mean	SD
Norton Sound		0	0	375	0.69	79	366	0.0	0.0	0.6	0.1	0.5
Kuskokwim Bay	Kuskokwim R.	909	0	5,372	0.24	1,619	1,894	0.2	0.0	1.2	0.3	0.4
	Kanektok	458	14	2,078	0.04	682	840	0.1	0.0	0.4	0.1	0.2
	Goodnews	179,154	148,642	212,015	0.00	179,047	19,611	41.3	29.2	52.9	41.2	7.2
Bristol Bay	Togiak	635,119	590,355	675,090	0.00	632,520	25,892	62.8	59.9	65.4	62.8	1.7
	Igushik	0	0	1,436	0.56	234	557	0.0	0.0	0.2	0.0	0.1
	Wood	1	0	867	0.46	150	357	0.0	0.0	0.0	0.0	0.0
	Nushagak	796	0	3,539	0.11	1,123	1,258	0.0	0.0	0.1	0.0	0.1
	Kvichak	144	12	626	0.00	210	224	0.0	0.0	0.0	0.0	0.0
	Alagnak	0	0	119	0.73	24	115	0.0	0.0	0.0	0.0	0.0
	Naknek	0	0	124	0.73	25	125	0.0	0.0	0.0	0.0	0.0
	Egegik	0	0	356	0.67	54	179	0.0	0.0	0.0	0.0	0.0
	Ugashik	0	0	163	0.72	31	143	0.0	0.0	0.0	0.0	0.0
North Peninsula	Cinder	0	0	643	0.65	97	311	0.0	0.0	0.2	0.0	0.1
	Meshik	0	0	253	0.70	43	178	0.0	0.0	0.1	0.0	0.1
	Ilnik	0	0	162	0.72	35	178	0.0	0.0	0.1	0.0	0.1
	Sandy	0	0	192	0.71	34	147	0.0	0.0	0.2	0.0	0.2
	Bear	0	0	145	0.72	29	141	0.0	0.0	0.0	0.0	0.0
	Nelson	0	0	116	0.74	24	116	0.0	0.0	0.0	0.0	0.0
	NW Dist.-BH	0	0	817	0.67	120	433	0.0	0.0	0.3	0.0	0.2
South Peninsula		0	0	1,230	0.62	178	507	0.0	0.0	0.8	0.1	0.4
Chignik	Black Lake	0	0	121	0.73	25	121	0.0	0.0	0.0	0.0	0.0
	Chignik Lake	0	0	464	0.67	72	263	0.0	0.0	0.1	0.0	0.0
East of WASSIP		0	0	220	0.71	42	192	–	–	–	–	–
Total		816,581				816,497						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
Note: Harvest rates are calculated by dividing the harvest posterior by total run posterior distributions; therefore, mean harvest rate may not equal harvest rate calculated from numbers reported in the tables if distributions are highly skewed.
Note: Harvest rate for East of WASSIP not calculated because it was not part of WASSIP plan.
[a] Adjusted median; 1.00 times unadjusted median.

Appendix D69.–Togiak District, Bristol Bay Area, Central Region, 2008, all strata. Subregional reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, the probability that reporting group harvest estimate is equal to zero ($P = 0$), means, and SDs are reported.

Reporting Group		Harvest = 651,315; 5 strata						Harvest Rate (%)				
			90% CI						90% CI			
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD	Median	5%	95%	Mean	SD
Norton Sound		0	0	151	0.72	30	137	0.0	0.0	0.5	0.1	0.4
Kuskokwim Bay	Kuskokwim R.	142	11	681	0.00	219	252	0.0	0.0	0.1	0.0	0.1
	Kanektok	1,494	488	3,382	0.00	1,656	947	0.6	0.2	1.3	0.7	0.4
	Goodnews	154,773	122,836	213,477	0.00	160,464	28,316	43.9	30.6	57.4	43.9	8.1
Bristol Bay	Togiak	491,172	428,286	527,728	0.00	484,062	30,443	64.1	60.1	67.4	64.0	2.2
	Igushik	205	0	1,440	0.29	397	537	0.0	0.0	0.1	0.0	0.0
	Wood	3,033	1,229	5,687	0.00	3,179	1,377	0.0	0.0	0.1	0.0	0.0
	Nushagak	0	0	571	0.67	84	284	0.0	0.0	0.0	0.0	0.0
	Kvichak	0	0	173	0.72	33	149	0.0	0.0	0.0	0.0	0.0
	Alagnak	317	61	902	0.00	377	276	0.0	0.0	0.0	0.0	0.0
	Naknek	0	0	92	0.74	18	87	0.0	0.0	0.0	0.0	0.0
	Egegik	0	0	176	0.72	31	133	0.0	0.0	0.0	0.0	0.0
	Ugashik	0	0	455	0.64	71	219	0.0	0.0	0.0	0.0	0.0
North Peninsula	Cinder	0	0	264	0.70	47	197	0.0	0.0	0.1	0.0	0.1
	Meshik	0	0	152	0.72	29	133	0.0	0.0	0.0	0.0	0.0
	Ilnik	0	0	188	0.71	32	130	0.0	0.0	0.2	0.0	0.2
	Sandy	4	0	1,080	0.45	211	403	0.0	0.0	2.5	0.5	0.9
	Bear	0	0	152	0.72	27	113	0.0	0.0	0.0	0.0	0.0
	Nelson	0	0	83	0.75	16	75	0.0	0.0	0.0	0.0	0.0
	NW Dist.-BH	0	0	228	0.71	44	193	0.0	0.0	0.0	0.0	0.0
South Peninsula		0	0	160	0.71	26	104	0.0	0.0	0.1	0.0	0.1
Chignik	Black Lake	175	0	756	0.23	242	264	0.0	0.0	0.1	0.0	0.0
	Chignik Lake	0	0	116	0.73	22	96	0.0	0.0	0.0	0.0	0.0
East of WASSIP		0	0	87	0.74	17	80	–	–	–	–	–
Total		651,315				651,334						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
Note: Harvest rates are calculated by dividing the harvest posterior by total run posterior distributions; therefore, mean harvest rate may not equal harvest rate calculated from numbers reported in the tables if distributions are highly skewed.
Note: Harvest rate for East of WASSIP not calculated because it was not part of WASSIP plan.
[a] Adjusted median; 1.01 times unadjusted median.

Appendix D70.–District 5 Commercial, Kuskokwim Area, Arctic–Yukon–Kuskokwim Region, 2006, all strata. Subregional reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, the probability that reporting group harvest estimate is equal to zero ($P = 0$), means, and SDs are reported.

Reporting Group		Harvest = 29,857; 3 strata						Harvest Rate (%)				
			90% CI						90% CI			
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD	Median	5%	95%	Mean	SD
Norton Sound		43	3	247	0.01	75	86	0.1	0.0	0.3	0.1	0.1
Kuskokwim Bay	Kuskokwim R.	392	86	1,114	0.00	476	330	0.0	0.0	0.1	0.1	0.0
	Kanektok	1,079	771	1,491	0.00	1,092	229	0.2	0.1	0.4	0.3	0.1
	Goodnews	18,016	16,273	19,355	0.00	17,819	938	3.8	2.3	5.6	3.8	1.0
Bristol Bay	Togiak	8,332	7,110	9,569	0.00	8,278	749	1.0	0.9	1.2	1.1	0.1
	Igushik	239	0	521	0.17	231	174	0.0	0.0	0.1	0.0	0.0
	Wood	471	208	905	0.00	504	218	0.0	0.0	0.0	0.0	0.0
	Nushagak	1,051	702	1,535	0.00	1,069	262	0.0	0.0	0.1	0.0	0.0
	Kvichak	34	0	156	0.27	49	55	0.0	0.0	0.0	0.0	0.0
	Alagnak	0	0	25	0.83	4	17	0.0	0.0	0.0	0.0	0.0
	Naknek	154	51	314	0.00	163	81	0.0	0.0	0.0	0.0	0.0
	Egegik	45	0	160	0.07	58	52	0.0	0.0	0.0	0.0	0.0
	Ugashik	0	0	11	0.87	3	14	0.0	0.0	0.0	0.0	0.0
North Peninsula	Cinder	0	0	66	0.75	10	29	0.0	0.0	0.0	0.0	0.0
	Meshik	0	0	46	0.78	7	22	0.0	0.0	0.0	0.0	0.0
	Ilnik	0	0	75	0.77	10	32	0.0	0.0	0.0	0.0	0.0
	Sandy	0	0	10	0.87	2	13	0.0	0.0	0.0	0.0	0.0
	Bear	0	0	8	0.87	2	11	0.0	0.0	0.0	0.0	0.0
	Nelson	0	0	4	0.89	1	9	0.0	0.0	0.0	0.0	0.0
	NW Dist.-BH	0	0	5	0.89	1	9	0.0	0.0	0.0	0.0	0.0
South Peninsula		0	0	5	0.89	2	11	0.0	0.0	0.0	0.0	0.0
Chignik	Black Lake	0	0	7	0.88	2	10	0.0	0.0	0.0	0.0	0.0
	Chignik Lake	0	0	7	0.88	2	12	0.0	0.0	0.0	0.0	0.0
East of WASSIP		0	0	9	0.88	3	22	–	–	–	–	–
Total		29,856				29,863						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
Note: Harvest rates are calculated by dividing the harvest posterior by total run posterior distributions; therefore, mean harvest rate may not equal harvest rate calculated from numbers reported in the tables if distributions are highly skewed.
Note: Harvest rate for East of WASSIP not calculated because it was not part of WASSIP plan.
[a] Adjusted median; 1.01 times unadjusted median.

Appendix D71.–District 5 Commercial, Kuskokwim Area, Arctic–Yukon–Kuskokwim Region, 2007, all strata. Subregional reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, the probability that reporting group harvest estimate is equal to zero ($P = 0$), means, and SDs are reported.

Reporting Group		Harvest = 43,766; 3 strata						Harvest Rate (%)				
			90% CI						90% CI			
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD	Median	5%	95%	Mean	SD
Norton Sound		66	4	318	0.01	101	104	0.1	0.0	0.5	0.2	0.2
Kuskokwim Bay	Kuskokwim R.	0	0	416	0.62	63	149	0.0	0.0	0.1	0.0	0.0
	Kanektok	1,626	1,162	2,233	0.00	1,643	334	0.3	0.2	0.4	0.3	0.1
	Goodnews	25,648	23,240	27,639	0.00	25,434	1,337	5.9	4.2	7.6	5.9	1.1
Bristol Bay	Togiak	13,108	11,282	14,909	0.00	13,031	1,105	1.3	1.1	1.5	1.3	0.1
	Igushik	401	0	874	0.16	388	291	0.1	0.0	0.1	0.1	0.0
	Wood	664	284	1,388	0.00	734	349	0.0	0.0	0.0	0.0	0.0
	Nushagak	1,893	1,246	2,617	0.00	1,897	418	0.1	0.1	0.1	0.1	0.0
	Kvichak	45	0	214	0.27	66	75	0.0	0.0	0.0	0.0	0.0
	Alagnak	0	0	33	0.83	5	22	0.0	0.0	0.0	0.0	0.0
	Naknek	255	85	522	0.00	271	135	0.0	0.0	0.0	0.0	0.0
	Egegik	60	0	212	0.07	76	69	0.0	0.0	0.0	0.0	0.0
	Ugashik	0	0	13	0.86	3	16	0.0	0.0	0.0	0.0	0.0
North Peninsula	Cinder	0	0	85	0.75	12	36	0.0	0.0	0.0	0.0	0.0
	Meshik	0	0	60	0.78	9	29	0.0	0.0	0.0	0.0	0.0
	Ilnik	0	0	104	0.76	14	45	0.0	0.0	0.0	0.0	0.0
	Sandy	0	0	11	0.87	3	15	0.0	0.0	0.0	0.0	0.0
	Bear	0	0	11	0.87	3	14	0.0	0.0	0.0	0.0	0.0
	Nelson	0	0	6	0.88	2	10	0.0	0.0	0.0	0.0	0.0
	NW Dist.-BH	0	0	7	0.88	2	12	0.0	0.0	0.0	0.0	0.0
South Peninsula		0	0	8	0.88	2	14	0.0	0.0	0.0	0.0	0.0
Chignik	Black Lake	0	0	9	0.88	2	13	0.0	0.0	0.0	0.0	0.0
	Chignik Lake	0	0	9	0.88	2	13	0.0	0.0	0.0	0.0	0.0
East of WASSIP		0	0	7	0.88	2	12	–	–	–	–	–
Total		43,766				43,765						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
Note: Harvest rates are calculated by dividing the harvest posterior by total run posterior distributions; therefore, mean harvest rate may not equal harvest rate calculated from numbers reported in the tables if distributions are highly skewed.
Note: Harvest rate for East of WASSIP not calculated because it was not part of WASSIP plan.
[a] Adjusted median; 1.01 times unadjusted median.

Appendix D72.–District 5 Commercial, Kuskokwim Area, Arctic–Yukon–Kuskokwim Region, 2008, all strata. Subregional reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, the probability that reporting group harvest estimate is equal to zero ($P = 0$), means, and SDs are reported.

Reporting Group		Harvest = 27,237; 3 strata						Harvest Rate (%)				
			90% CI						90% CI			
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD	Median	5%	95%	Mean	SD
Norton Sound		45	3	212	0.01	69	70	0.2	0.0	0.7	0.2	0.2
Kuskokwim Bay	Kuskokwim R.	144	30	377	0.00	167	112	0.0	0.0	0.1	0.0	0.0
	Kanektok	1,082	773	1,484	0.00	1,094	222	0.4	0.3	0.6	0.4	0.1
	Goodnews	15,623	14,183	16,844	0.00	15,499	807	4.3	3.1	5.7	4.3	0.8
Bristol Bay	Togiak	8,257	7,120	9,336	0.00	8,200	674	1.1	0.9	1.3	1.1	0.1
	Igushik	268	0	582	0.16	259	195	0.0	0.0	0.0	0.0	0.0
	Wood	429	185	913	0.00	479	230	0.0	0.0	0.0	0.0	0.0
	Nushagak	1,147	783	1,567	0.00	1,151	240	0.1	0.0	0.1	0.1	0.0
	Kvichak	30	0	141	0.27	44	50	0.0	0.0	0.0	0.0	0.0
	Alagnak	0	0	22	0.82	3	14	0.0	0.0	0.0	0.0	0.0
	Naknek	172	57	352	0.00	183	91	0.0	0.0	0.0	0.0	0.0
	Egegik	39	0	138	0.07	50	45	0.0	0.0	0.0	0.0	0.0
	Ugashik	0	0	10	0.85	2	10	0.0	0.0	0.0	0.0	0.0
North Peninsula	Cinder	0	0	55	0.74	8	23	0.0	0.0	0.0	0.0	0.0
	Meshik	0	0	39	0.77	6	19	0.0	0.0	0.0	0.0	0.0
	Ilnik	0	0	69	0.75	10	30	0.0	0.0	0.1	0.0	0.0
	Sandy	0	0	9	0.85	2	9	0.0	0.0	0.0	0.0	0.0
	Bear	0	0	8	0.86	2	8	0.0	0.0	0.0	0.0	0.0
	Nelson	0	0	5	0.87	1	5	0.0	0.0	0.0	0.0	0.0
	NW Dist.-BH	0	0	6	0.87	1	6	0.0	0.0	0.0	0.0	0.0
South Peninsula		0	0	6	0.86	1	7	0.0	0.0	0.0	0.0	0.0
Chignik	Black Lake	0	0	7	0.86	1	7	0.0	0.0	0.0	0.0	0.0
	Chignik Lake	0	0	7	0.86	1	8	0.0	0.0	0.0	0.0	0.0
East of WASSIP		0	0	8	0.86	2	9	–	–	–	–	–
Total		27,236				27,235						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
Note: Harvest rates are calculated by dividing the harvest posterior by total run posterior distributions; therefore, mean harvest rate may not equal harvest rate calculated from numbers reported in the tables if distributions are highly skewed.
Note: Harvest rate for East of WASSIP not calculated because it was not part of WASSIP plan.
[a] Adjusted median; 1.01 times unadjusted median.

Appendix D73.–District 4 Commercial, Kuskokwim Area, Arctic–Yukon–Kuskokwim Region, 2006, all strata. Subregional reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, the probability that reporting group harvest estimate is equal to zero ($P = 0$), means, and SDs are reported.

Reporting Group		Harvest = 106,308; 3 strata						Harvest Rate (%)				
			90% CI						90% CI			
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD	Median	5%	95%	Mean	SD
Norton Sound		0	0	110	0.82	33	171	0.0	0.0	0.1	0.0	0.2
Kuskokwim Bay	Kuskokwim R.	0	0	138	0.52	26	84	0.0	0.0	0.0	0.0	0.0
	Kanektok	102,051	95,633	106,905	0.00	101,225	3,427	22.4	11.6	37.9	23.3	8.1
	Goodnews	1,099	0	4,014	0.16	1,344	1,366	0.2	0.0	0.9	0.3	0.3
Bristol Bay	Togiak	0	0	2,179	0.66	346	758	0.0	0.0	0.3	0.0	0.1
	Igushik	0	0	255	0.78	37	137	0.0	0.0	0.0	0.0	0.0
	Wood	712	282	1,420	0.00	758	353	0.0	0.0	0.0	0.0	0.0
	Nushagak	2,446	1,553	3,515	0.00	2,467	604	0.1	0.1	0.1	0.1	0.0
	Kvichak	0	0	21	0.85	5	32	0.0	0.0	0.0	0.0	0.0
	Alagnak	0	0	13	0.86	3	20	0.0	0.0	0.0	0.0	0.0
	Naknek	0	0	26	0.85	6	35	0.0	0.0	0.0	0.0	0.0
	Egegik	0	0	15	0.86	4	23	0.0	0.0	0.0	0.0	0.0
	Ugashik	0	0	16	0.86	4	24	0.0	0.0	0.0	0.0	0.0
North Peninsula	Cinder	0	0	19	0.86	5	32	0.0	0.0	0.0	0.0	0.0
	Meshik	0	0	21	0.86	6	33	0.0	0.0	0.0	0.0	0.0
	Ilnik	0	0	13	0.86	3	21	0.0	0.0	0.0	0.0	0.0
	Sandy	0	0	12	0.87	3	19	0.0	0.0	0.0	0.0	0.0
	Bear	0	0	29	0.85	9	55	0.0	0.0	0.0	0.0	0.0
	Nelson	0	0	11	0.87	3	17	0.0	0.0	0.0	0.0	0.0
	NW Dist.-BH	0	0	48	0.83	12	67	0.0	0.0	0.0	0.0	0.0
South Peninsula		0	0	30	0.84	7	37	0.0	0.0	0.0	0.0	0.0
Chignik	Black Lake	0	0	11	0.87	3	17	0.0	0.0	0.0	0.0	0.0
	Chignik Lake	0	0	12	0.87	3	19	0.0	0.0	0.0	0.0	0.0
East of WASSIP		0	0	13	0.86	4	24	–	–	–	–	–
Total		106,308				106,316						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
Note: Harvest rates are calculated by dividing the harvest posterior by total run posterior distributions; therefore, mean harvest rate may not equal harvest rate calculated from numbers reported in the tables if distributions are highly skewed.
Note: Harvest rate for East of WASSIP not calculated because it was not part of WASSIP plan.
[a] Adjusted median; 1.01 times unadjusted median.

Appendix D74.–District 4 Commercial, Kuskokwim Area, Arctic–Yukon–Kuskokwim Region, 2007, all strata. Subregional reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, the probability that reporting group harvest estimate is equal to zero ($P = 0$), means, and SDs are reported.

Reporting Group		Harvest = 109,517; 3 strata						Harvest Rate (%)				
			90% CI						90% CI			
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD	Median	5%	95%	Mean	SD
Norton Sound		0	0	16	0.86	6	47	0.0	0.0	0.0	0.0	0.1
Kuskokwim Bay	Kuskokwim R.	5,235	3,031	7,724	0.00	5,215	1,471	0.9	0.4	2.1	1.0	0.5
	Kanektok	99,962	92,145	105,181	0.00	98,540	3,976	18.3	15.1	21.2	18.2	1.9
	Goodnews	0	0	111	0.77	31	185	0.0	0.0	0.0	0.0	0.0
Bristol Bay	Togiak	340	0	3,356	0.42	1,053	1,239	0.0	0.0	0.3	0.1	0.1
	Igushik	0	0	344	0.70	51	137	0.0	0.0	0.0	0.0	0.0
	Wood	2,332	1,377	3,543	0.00	2,357	666	0.0	0.0	0.0	0.0	0.0
	Nushagak	1,648	518	4,783	0.00	2,114	1,435	0.1	0.0	0.2	0.1	0.1
	Kvichak	0	0	154	0.72	23	61	0.0	0.0	0.0	0.0	0.0
	Alagnak	0	0	43	0.83	8	35	0.0	0.0	0.0	0.0	0.0
	Naknek	0	0	111	0.53	23	46	0.0	0.0	0.0	0.0	0.0
	Egegik	0	0	14	0.86	4	31	0.0	0.0	0.0	0.0	0.0
	Ugashik	0	0	15	0.86	4	25	0.0	0.0	0.0	0.0	0.0
North Peninsula	Cinder	0	0	65	0.80	10	41	0.0	0.0	0.0	0.0	0.0
	Meshik	0	0	37	0.83	7	35	0.0	0.0	0.0	0.0	0.0
	Ilnik	0	0	95	0.78	13	47	0.0	0.0	0.0	0.0	0.0
	Sandy	0	0	25	0.84	5	26	0.0	0.0	0.0	0.0	0.0
	Bear	0	0	246	0.59	48	90	0.0	0.0	0.0	0.0	0.0
	Nelson	0	0	9	0.87	3	20	0.0	0.0	0.0	0.0	0.0
	NW Dist.-BH	0	0	21	0.85	5	26	0.0	0.0	0.0	0.0	0.0
South Peninsula		0	0	28	0.84	6	35	0.0	0.0	0.0	0.0	0.0
Chignik	Black Lake	0	0	21	0.85	5	24	0.0	0.0	0.0	0.0	0.0
	Chignik Lake	0	0	24	0.85	5	24	0.0	0.0	0.0	0.0	0.0
East of WASSIP		0	0	11	0.87	3	22	–	–	–	–	–
Total		109,517				109,539						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
Note: Harvest rates are calculated by dividing the harvest posterior by total run posterior distributions; therefore, mean harvest rate may not equal harvest rate calculated from numbers reported in the tables if distributions are highly skewed.
Note: Harvest rate for East of WASSIP not calculated because it was not part of WASSIP plan.
[a] Adjusted median; 1.02 times unadjusted median.

Appendix D75.–District 4 Commercial, Kuskokwim Area, Arctic–Yukon–Kuskokwim Region, 2008, all strata. Subregional reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, the probability that reporting group harvest estimate is equal to zero ($P = 0$), means, and SDs are reported.

Reporting Group		Harvest = 69,743; 3 strata						Harvest Rate (%)				
			90% CI						90% CI			
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD	Median	5%	95%	Mean	SD
Norton Sound		0	0	419	0.53	80	153	0.0	0.0	1.4	0.3	0.5
Kuskokwim Bay	Kuskokwim R.	34	0	801	0.19	155	280	0.0	0.0	0.1	0.0	0.1
	Kanektok	68,342	64,160	71,569	0.00	67,816	2,254	26.4	21.7	31.7	26.5	3.0
	Goodnews	0	0	60	0.83	20	126	0.0	0.0	0.0	0.0	0.0
Bristol Bay	Togiak	0	0	22	0.85	6	40	0.0	0.0	0.0	0.0	0.0
	Igushik	67	0	818	0.41	212	291	0.0	0.0	0.1	0.0	0.0
	Wood	1,263	699	1,937	0.00	1,277	377	0.0	0.0	0.0	0.0	0.0
	Nushagak	37	0	595	0.32	122	219	0.0	0.0	0.0	0.0	0.0
	Kvichak	0	0	36	0.84	8	38	0.0	0.0	0.0	0.0	0.0
	Alagnak	0	0	10	0.87	3	18	0.0	0.0	0.0	0.0	0.0
	Naknek	0	0	7	0.88	2	13	0.0	0.0	0.0	0.0	0.0
	Egegik	0	0	7	0.88	2	12	0.0	0.0	0.0	0.0	0.0
	Ugashik	0	0	7	0.88	2	13	0.0	0.0	0.0	0.0	0.0
North Peninsula	Cinder	0	0	58	0.78	10	46	0.0	0.0	0.0	0.0	0.0
	Meshik	0	0	31	0.83	6	28	0.0	0.0	0.0	0.0	0.0
	Ilnik	0	0	8	0.87	2	15	0.0	0.0	0.0	0.0	0.0
	Sandy	0	0	7	0.88	2	13	0.0	0.0	0.0	0.0	0.0
	Bear	0	0	8	0.88	2	14	0.0	0.0	0.0	0.0	0.0
	Nelson	0	0	6	0.88	2	12	0.0	0.0	0.0	0.0	0.0
	NW Dist.-BH	0	0	12	0.86	3	18	0.0	0.0	0.0	0.0	0.0
South Peninsula		0	0	101	0.81	13	50	0.0	0.0	0.0	0.0	0.0
Chignik	Black Lake	0	0	7	0.88	2	13	0.0	0.0	0.0	0.0	0.0
	Chignik Lake	0	0	7	0.88	2	12	0.0	0.0	0.0	0.0	0.0
East of WASSIP		0	0	7	0.88	2	13	–	–	–	–	–
Total		69,743				69,751						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
Note: Harvest rates are calculated by dividing the harvest posterior by total run posterior distributions; therefore, mean harvest rate may not equal harvest rate calculated from numbers reported in the tables if distributions are highly skewed.
Note: Harvest rate for East of WASSIP not calculated because it was not part of WASSIP plan.
[a] Adjusted median; 1.01 times unadjusted median.

APPENDIX E: ESTIMATED ANNUAL HARVEST AND HARVEST RATE FOR SOCKEYE SALMON IN WASSIP FISHERIES BY SUBREGIONAL REPORTING GROUP

WHAT STOCKS WERE HARVESTED IN A GIVEN BROAD-SCALE FISHERY?

Appendix E1.–Chignik Area, Westward Region, 2006, all strata. Subregional reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, the probability that reporting group harvest estimate is equal to zero ($P = 0$), means, and SDs are reported.

Reporting Group		Harvest = 899,324; 15 strata						Harvest Rate (%)				
			90% CI						90% CI			
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD	Median	5%	95%	Mean	SD
Norton Sound		0	0	224	0.53	44	163	0.0	0.0	0.3	0.1	0.2
Kuskokwim Bay	Kuskokwim R.	0	0	120	0.55	22	79	0.0	0.0	0.0	0.0	0.0
	Kanektok	0	0	148	0.54	27	92	0.0	0.0	0.0	0.0	0.0
	Goodnews	1	0	190	0.45	36	97	0.0	0.0	0.0	0.0	0.0
Bristol Bay	Togiak	58	0	283	0.05	90	110	0.0	0.0	0.0	0.0	0.0
	Igushik	241	6	995	0.03	334	341	0.0	0.0	0.1	0.0	0.1
	Wood	68	0	549	0.17	146	227	0.0	0.0	0.0	0.0	0.0
	Nushagak	457	0	1,586	0.05	572	526	0.0	0.0	0.1	0.0	0.0
	Kvichak	160	13	1,364	0.00	373	475	0.0	0.0	0.0	0.0	0.0
	Alagnak	1,106	465	2,301	0.00	1,207	578	0.0	0.0	0.1	0.0	0.0
	Naknek	276	45	866	0.01	342	273	0.0	0.0	0.0	0.0	0.0
	Egegik	1,271	372	2,904	0.00	1,407	795	0.0	0.0	0.0	0.0	0.0
	Ugashik	1,118	168	2,597	0.01	1,219	749	0.0	0.0	0.1	0.0	0.0
North Peninsula	Cinder	2	0	268	0.44	51	139	0.0	0.0	0.1	0.0	0.1
	Meshik	209	0	825	0.06	285	298	0.1	0.0	0.3	0.1	0.1
	Ilnik	1	0	305	0.44	57	177	0.0	0.0	0.1	0.0	0.1
	Sandy	3	0	177	0.40	36	99	0.0	0.0	0.2	0.0	0.1
	Bear	2	0	365	0.42	70	159	0.0	0.0	0.0	0.0	0.0
	Nelson	74	5	337	0.01	111	129	0.0	0.0	0.1	0.0	0.0
	NW Dist.-BH	0	0	155	0.53	30	109	0.0	0.0	0.1	0.0	0.0
South Peninsula		1	0	327	0.45	61	179	0.0	0.0	0.2	0.0	0.1
Chignik	Black Lake	535,546	513,103	556,521	0.00	534,610	13,224	39.7	38.4	41.1	39.7	0.8
	Chignik Lake	335,046	316,073	353,699	0.00	334,554	11,419	35.0	33.2	36.9	35.0	1.1
East of WASSIP		23,682	21,219	26,235	0.00	23,672	1,528	–	–	–	–	–
Total		899,322				899,356						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the fishery harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
Note: Harvest rates are calculated by dividing the harvest posterior by total run posterior distributions; therefore, mean harvest rate may not equal harvest rate calculated from numbers reported in the tables if distributions are highly skewed.
Note: Harvest rate for East of WASSIP not calculated because it was not part of WASSIP plan.
[a] Adjusted median; 1.00 times unadjusted median.

Appendix E2.–Chignik Area, Westward Region, 2007, all strata. Subregional reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, the probability that reporting group harvest estimate is equal to zero ($P = 0$), means, and SDs are reported.

Reporting Group		Harvest = 804,380; 15 strata						Harvest Rate (%)				
			90% CI						90% CI			
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD	Median	5%	95%	Mean	SD
Norton Sound		0	0	186	0.50	34	102	0.0	0.0	0.3	0.1	0.2
Kuskokwim Bay	Kuskokwim R.	0	0	261	0.52	45	145	0.0	0.0	0.1	0.0	0.0
	Kanektok	1	0	542	0.46	84	232	0.0	0.0	0.1	0.0	0.0
	Goodnews	2,330	1,007	3,884	0.00	2,370	880	0.5	0.2	1.0	0.6	0.2
Bristol Bay	Togiak	411	0	1,600	0.07	544	533	0.0	0.0	0.2	0.1	0.1
	Igushik	1,198	51	2,416	0.01	1,157	763	0.1	0.0	0.3	0.1	0.1
	Wood	1,485	656	2,914	0.00	1,597	698	0.0	0.0	0.0	0.0	0.0
	Nushagak	73	0	850	0.16	207	301	0.0	0.0	0.0	0.0	0.0
	Kvichak	1,076	519	1,995	0.00	1,141	461	0.0	0.0	0.0	0.0	0.0
	Alagnak	1,382	715	2,342	0.00	1,433	503	0.0	0.0	0.1	0.0	0.0
	Naknek	2,175	1,134	3,541	0.00	2,232	738	0.0	0.0	0.0	0.0	0.0
	Egegik	4,932	2,716	7,550	0.00	5,002	1,471	0.1	0.0	0.1	0.1	0.0
	Ugashik	4,400	2,344	6,837	0.00	4,463	1,375	0.1	0.0	0.1	0.1	0.0
North Peninsula	Cinder	864	0	2,429	0.10	956	797	0.2	0.0	0.6	0.2	0.2
	Meshik	1,288	0	2,930	0.08	1,310	931	0.6	0.0	1.5	0.6	0.5
	Ilnik	1	0	493	0.46	82	238	0.0	0.0	0.2	0.0	0.1
	Sandy	1	0	239	0.47	43	125	0.0	0.0	0.3	0.1	0.1
	Bear	887	358	1,751	0.00	948	434	0.1	0.0	0.1	0.1	0.0
	Nelson	0	0	194	0.53	34	107	0.0	0.0	0.0	0.0	0.0
	NW Dist.-BH	0	0	223	0.51	39	124	0.0	0.0	0.1	0.0	0.0
South Peninsula		173	0	1,169	0.18	325	417	0.1	0.0	0.9	0.2	0.3
Chignik	Black Lake	235,506	222,554	247,905	0.00	235,110	7,716	34.8	33.0	36.7	34.8	1.1
	Chignik Lake	509,874	489,907	528,390	0.00	508,923	11,699	52.5	50.8	54.2	52.5	1.0
East of WASSIP		36,323	32,309	40,451	0.00	36,295	2,475	–	–	–	–	–
Total		804,380				804,374						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the fishery harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
Note: Harvest rates are calculated by dividing the harvest posterior by total run posterior distributions; therefore, mean harvest rate may not equal harvest rate calculated from numbers reported in the tables if distributions are highly skewed.
Note: Harvest rate for East of WASSIP not calculated because it was not part of WASSIP plan.
[a] Adjusted median; 1.00 times unadjusted median.

Appendix E3.–Chignik Area, Westward Region, 2008, all strata. Subregional reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, the probability that reporting group harvest estimate is equal to zero ($P = 0$), means, and SDs are reported.

Reporting Group		Harvest = 684,991; 15 strata						Harvest Rate (%)				
			90% CI						90% CI			
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD	Median	5%	95%	Mean	SD
Norton Sound		0	0	98	0.56	18	58	0.0	0.0	0.3	0.1	0.2
Kuskokwim Bay	Kuskokwim R.	389	100	1,053	0.00	459	301	0.1	0.0	0.2	0.1	0.1
	Kanektok	13	0	220	0.29	48	94	0.0	0.0	0.1	0.0	0.0
	Goodnews	895	487	1,704	0.00	963	384	0.2	0.1	0.5	0.3	0.1
Bristol Bay	Togiak	1,127	586	1,787	0.00	1,148	370	0.2	0.1	0.2	0.2	0.1
	Igushik	687	216	1,274	0.01	709	324	0.0	0.0	0.1	0.0	0.0
	Wood	1,831	1,173	2,677	0.00	1,865	460	0.0	0.0	0.0	0.0	0.0
	Nushagak	1,586	786	2,496	0.00	1,605	521	0.1	0.0	0.1	0.1	0.0
	Kvichak	3,558	2,573	4,731	0.00	3,589	660	0.1	0.0	0.1	0.1	0.0
	Alagnak	1,934	1,256	2,810	0.00	1,967	475	0.0	0.0	0.1	0.0	0.0
	Naknek	6,520	5,067	8,185	0.00	6,552	950	0.1	0.1	0.1	0.1	0.0
	Egegik	7,869	6,328	9,579	0.00	7,890	993	0.1	0.1	0.1	0.1	0.0
	Ugashik	2,631	1,604	3,908	0.00	2,676	708	0.1	0.1	0.1	0.1	0.0
North Peninsula	Cinder	8	0	838	0.36	160	322	0.0	0.0	0.3	0.1	0.1
	Meshik	1	0	326	0.46	59	167	0.0	0.0	0.1	0.0	0.1
	Ilnik	936	18	1,754	0.03	943	484	1.1	0.0	2.5	1.2	0.7
	Sandy	7	0	338	0.37	69	129	0.0	0.0	0.8	0.2	0.3
	Bear	3,915	2,950	5,048	0.00	3,942	640	0.4	0.3	0.5	0.4	0.1
	Nelson	250	34	737	0.01	300	225	0.1	0.0	0.2	0.1	0.1
	NW Dist.-BH	171	21	544	0.01	213	174	0.0	0.0	0.1	0.0	0.0
South Peninsula		9,964	8,430	11,628	0.00	9,977	974	4.6	2.3	8.1	4.8	1.8
Chignik	Black Lake	254,077	239,658	268,302	0.00	253,755	8,692	35.7	33.9	37.7	35.8	1.2
	Chignik Lake	373,340	354,340	391,880	0.00	372,800	11,420	43.7	41.9	45.5	43.7	1.1
East of WASSIP		13,282	11,593	15,082	0.00	13,284	1,064	–	–	–	–	–
Total		684,991				684,991						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the fishery harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
Note: Harvest rates are calculated by dividing the harvest posterior by total run posterior distributions; therefore, mean harvest rate may not equal harvest rate calculated from numbers reported in the tables if distributions are highly skewed.
Note: Harvest rate for East of WASSIP not calculated because it was not part of WASSIP plan.
[a] Adjusted median; 1.00 times unadjusted median.

Appendix E4.–Southeastern District Mainland area, Westward Region, 2006, all strata. Subregional reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, the probability that reporting group harvest estimate is equal to zero ($P = 0$), means, and SDs are reported.

Reporting Group		Harvest = 240,107; 5 strata						Harvest Rate (%)				
			90% CI						90% CI			
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD	Median	5%	95%	Mean	SD
Norton Sound		0	0	43	0.78	11	61	0.0	0.0	0.1	0.0	0.1
Kuskokwim Bay	Kuskokwim R.	29	0	219	0.24	60	97	0.0	0.0	0.0	0.0	0.0
	Kanektok	0	0	191	0.72	33	141	0.0	0.0	0.0	0.0	0.0
	Goodnews	47	0	165	0.08	66	96	0.0	0.0	0.0	0.0	0.0
Bristol Bay	Togiak	0	0	86	0.72	18	81	0.0	0.0	0.0	0.0	0.0
	Igushik	0	0	168	0.63	28	74	0.0	0.0	0.0	0.0	0.0
	Wood	0	0	67	0.74	12	49	0.0	0.0	0.0	0.0	0.0
	Nushagak	0	0	75	0.72	16	76	0.0	0.0	0.0	0.0	0.0
	Kvichak	0	0	79	0.76	19	105	0.0	0.0	0.0	0.0	0.0
	Alagnak	91	0	829	0.28	213	301	0.0	0.0	0.0	0.0	0.0
	Naknek	0	0	303	0.71	46	171	0.0	0.0	0.0	0.0	0.0
	Egegik	0	0	187	0.73	35	160	0.0	0.0	0.0	0.0	0.0
	Ugashik	71	0	1,271	0.37	314	461	0.0	0.0	0.0	0.0	0.0
North Peninsula	Cinder	0	0	164	0.72	31	132	0.0	0.0	0.1	0.0	0.1
	Meshik	0	0	701	0.61	99	306	0.0	0.0	0.2	0.0	0.1
	Ilnik	0	0	79	0.74	16	77	0.0	0.0	0.0	0.0	0.0
	Sandy	9	0	436	0.41	94	212	0.0	0.0	0.4	0.1	0.2
	Bear	0	0	95	0.74	22	110	0.0	0.0	0.0	0.0	0.0
	Nelson	0	0	251	0.68	37	118	0.0	0.0	0.0	0.0	0.0
	NW Dist.-BH	0	0	72	0.67	17	71	0.0	0.0	0.0	0.0	0.0
South Peninsula		630	349	1,375	0.00	711	341	0.4	0.2	1.1	0.5	0.3
Chignik	Black Lake	32,631	27,047	38,387	0.00	32,546	3,446	2.4	2.0	2.9	2.4	0.3
	Chignik Lake	99,162	90,377	107,289	0.00	98,706	5,143	10.3	9.4	11.3	10.3	0.6
East of WASSIP		107,436	99,380	114,777	0.00	106,935	4,673	–	–	–	–	–
Total		240,106				240,085						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the fishery harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
Note: Harvest rates are calculated by dividing the harvest posterior by total run posterior distributions; therefore, mean harvest rate may not equal harvest rate calculated from numbers reported in the tables if distributions are highly skewed.
Note: Harvest rate for East of WASSIP not calculated because it was not part of WASSIP plan.
[a] Adjusted median; 1.01 times unadjusted median.

Appendix E5.–Southeastern District Mainland area, Westward Region, 2007, all strata. Subregional reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, the probability that reporting group harvest estimate is equal to zero ($P = 0$), means, and SDs are reported.

Reporting Group		Harvest = 145,954; 3 strata						Harvest Rate (%)				
			90% CI						90% CI			
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD	Median	5%	95%	Mean	SD
Norton Sound		0	0	16	0.88	6	43	0.0	0.0	0.0	0.0	0.1
Kuskokwim Bay	Kuskokwim R.	0	0	9	0.90	4	29	0.0	0.0	0.0	0.0	0.0
	Kanektok	0	0	21	0.88	9	56	0.0	0.0	0.0	0.0	0.0
	Goodnews	1	0	246	0.23	36	123	0.0	0.0	0.1	0.0	0.0
Bristol Bay	Togiak	0	0	327	0.69	49	141	0.0	0.0	0.0	0.0	0.0
	Igushik	0	0	39	0.86	11	62	0.0	0.0	0.0	0.0	0.0
	Wood	0	0	18	0.88	7	46	0.0	0.0	0.0	0.0	0.0
	Nushagak	0	0	27	0.85	9	54	0.0	0.0	0.0	0.0	0.0
	Kvichak	0	0	273	0.81	38	142	0.0	0.0	0.0	0.0	0.0
	Alagnak	0	0	11	0.89	5	36	0.0	0.0	0.0	0.0	0.0
	Naknek	388	64	1,112	0.00	460	336	0.0	0.0	0.0	0.0	0.0
	Egegik	0	0	83	0.85	19	97	0.0	0.0	0.0	0.0	0.0
	Ugashik	0	0	419	0.78	56	185	0.0	0.0	0.0	0.0	0.0
North Peninsula	Cinder	0	0	18	0.87	8	58	0.0	0.0	0.0	0.0	0.0
	Meshik	0	0	15	0.84	7	46	0.0	0.0	0.0	0.0	0.0
	Ilnik	0	0	1,014	0.75	127	379	0.0	0.0	0.4	0.1	0.2
	Sandy	0	0	911	0.60	160	339	0.0	0.0	1.0	0.2	0.4
	Bear	0	0	802	0.70	119	312	0.0	0.0	0.1	0.0	0.0
	Nelson	0	0	268	0.81	36	135	0.0	0.0	0.0	0.0	0.0
	NW Dist.-BH	0	0	527	0.73	68	214	0.0	0.0	0.2	0.0	0.1
South Peninsula		9	6	69	0.00	24	85	0.0	0.0	0.0	0.0	0.1
Chignik	Black Lake	364	2	2,291	0.02	662	800	0.1	0.0	0.3	0.1	0.1
	Chignik Lake	53,786	48,013	58,932	0.00	53,364	3,319	5.5	5.0	6.1	5.5	0.3
East of WASSIP		91,405	83,856	97,674	0.00	90,654	4,199	–	–	–	–	–
Total		145,953				145,938						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the fishery harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
Note: Harvest rates are calculated by dividing the harvest posterior by total run posterior distributions; therefore, mean harvest rate may not equal harvest rate calculated from numbers reported in the tables if distributions are highly skewed.
Note: Harvest rate for East of WASSIP not calculated because it was not part of WASSIP plan.
[a] Adjusted median; 1.01 times unadjusted median.

Appendix E6.–Southeastern District Mainland area, Westward Region, 2008, all strata. Subregional reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, the probability that reporting group harvest estimate is equal to zero ($P = 0$), means, and SDs are reported.

Reporting Group		Harvest = 149,818; 5 strata						Harvest Rate (%)				
			90% CI						90% CI			
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD	Median	5%	95%	Mean	SD
Norton Sound		0	0	25	0.79	5	29	0.0	0.0	0.1	0.0	0.1
Kuskokwim Bay	Kuskokwim R.	0	0	24	0.80	6	31	0.0	0.0	0.0	0.0	0.0
	Kanektok	96	8	402	0.00	135	135	0.0	0.0	0.2	0.1	0.1
	Goodnews	248	7	1,091	0.04	376	364	0.1	0.0	0.3	0.1	0.1
Bristol Bay	Togiak	0	0	128	0.71	21	75	0.0	0.0	0.0	0.0	0.0
	Igushik	542	0	1,204	0.11	555	374	0.0	0.0	0.1	0.0	0.0
	Wood	0	0	605	0.51	106	215	0.0	0.0	0.0	0.0	0.0
	Nushagak	0	0	85	0.72	14	51	0.0	0.0	0.0	0.0	0.0
	Kvichak	95	7	500	0.00	153	170	0.0	0.0	0.0	0.0	0.0
	Alagnak	54	4	232	0.01	78	78	0.0	0.0	0.0	0.0	0.0
	Naknek	341	57	875	0.00	386	258	0.0	0.0	0.0	0.0	0.0
	Egegik	229	67	706	0.00	286	210	0.0	0.0	0.0	0.0	0.0
	Ugashik	0	0	505	0.51	107	183	0.0	0.0	0.0	0.0	0.0
North Peninsula	Cinder	97	0	807	0.28	215	290	0.0	0.0	0.3	0.1	0.1
	Meshik	767	0	1,983	0.17	793	674	0.2	0.0	0.7	0.2	0.2
	Ilnik	888	0	2,092	0.16	893	693	1.0	0.0	2.8	1.1	1.0
	Sandy	0	0	142	0.65	24	76	0.0	0.0	0.3	0.1	0.2
	Bear	2,330	1,376	3,558	0.00	2,372	668	0.2	0.1	0.3	0.2	0.1
	Nelson	0	0	19	0.80	4	23	0.0	0.0	0.0	0.0	0.0
	NW Dist.-BH	0	0	124	0.66	26	91	0.0	0.0	0.0	0.0	0.0
South Peninsula		14,017	12,361	15,624	0.00	13,947	994	6.4	3.3	11.2	6.7	2.4
Chignik	Black Lake	10,708	9,198	12,180	0.00	10,655	907	1.5	1.3	1.7	1.5	0.1
	Chignik Lake	63,156	58,126	67,607	0.00	62,767	2,881	7.4	6.8	8.0	7.4	0.4
East of WASSIP		56,250	51,367	60,638	0.00	55,906	2,818	–	–	–	–	–
Total		149,818				149,830						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the fishery harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
Note: Harvest rates are calculated by dividing the harvest posterior by total run posterior distributions; therefore, mean harvest rate may not equal harvest rate calculated from numbers reported in the tables if distributions are highly skewed.
Note: Harvest rate for East of WASSIP not calculated because it was not part of WASSIP plan.
[a] Adjusted median; 1.01 times unadjusted median.

Appendix E7.–June, South Alaska Peninsula, Westward Region, 2006, all strata. Subregional reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, the probability that reporting group harvest estimate is equal to zero ($P = 0$), means, and SDs are reported.

Reporting Group		Harvest = 932,291; 12 strata						Harvest Rate (%)				
			90% CI						90% CI			
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD	Median	5%	95%	Mean	SD
Norton Sound		4	0	598	0.39	118	257	0.0	0.0	0.8	0.2	0.3
Kuskokwim Bay	Kuskokwim R.	799	0	5,205	0.14	1,668	1,880	0.1	0.0	0.5	0.2	0.2
	Kanektok	468	34	2,372	0.00	738	814	0.1	0.0	0.6	0.2	0.2
	Goodnews	3,891	909	7,641	0.00	4,032	2,032	0.8	0.2	1.8	0.9	0.5
Bristol Bay	Togiak	1,500	262	4,258	0.00	1,773	1,280	0.2	0.0	0.5	0.2	0.2
	Igushik	12,238	6,525	18,567	0.00	12,321	3,664	1.6	0.9	2.6	1.7	0.5
	Wood	126,206	114,059	137,621	0.00	125,597	7,170	1.0	0.9	1.1	1.0	0.1
	Nushagak	15,867	11,075	21,666	0.00	15,988	3,235	0.6	0.4	0.8	0.6	0.1
	Kvichak	17,580	12,901	22,951	0.00	17,634	3,073	0.3	0.2	0.4	0.3	0.1
	Alagnak	28,298	22,903	34,084	0.00	28,264	3,415	0.8	0.7	1.0	0.8	0.1
	Naknek	48,203	40,323	56,418	0.00	48,091	4,897	0.9	0.8	1.1	0.9	0.1
	Egegik	111,618	97,445	125,272	0.00	111,098	8,485	1.3	1.1	1.5	1.3	0.1
	Ugashik	36,833	26,496	47,765	0.00	36,807	6,481	0.9	0.6	1.2	0.9	0.2
North Peninsula	Cinder	5,715	2,528	9,711	0.00	5,832	2,222	1.9	0.7	4.4	2.1	1.2
	Meshik	1,083	241	4,448	0.00	1,573	1,440	0.3	0.1	1.5	0.5	0.5
	Ilnik	3,241	1,394	5,877	0.00	3,374	1,395	1.4	0.6	2.6	1.5	0.6
	Sandy	719	127	2,880	0.00	1,042	923	0.6	0.1	2.5	0.9	0.8
	Bear	7,214	3,319	12,156	0.00	7,373	2,710	0.6	0.3	1.0	0.6	0.2
	Nelson	166	14	812	0.00	259	284	0.0	0.0	0.1	0.0	0.1
	NW Dist.-BH	65	0	898	0.23	210	332	0.0	0.0	0.3	0.1	0.1
South Peninsula		3,091	1,636	5,507	0.00	3,256	1,216	2.0	0.8	4.9	2.3	1.4
Chignik	Black Lake	302,028	284,563	316,492	0.00	300,327	9,662	22.3	21.2	23.4	22.3	0.7
	Chignik Lake	4,364	837	10,732	0.01	4,871	2,986	0.5	0.1	1.1	0.5	0.3
East of WASSIP		201,099	187,034	213,336	0.00	199,991	7,995	–	–	–	–	–
Total		932,290				932,237						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the fishery harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
Note: Harvest rates are calculated by dividing the harvest posterior by total run posterior distributions; therefore, mean harvest rate may not equal harvest rate calculated from numbers reported in the tables if distributions are highly skewed.
Note: Harvest rate for East of WASSIP not calculated because it was not part of WASSIP plan.
[a] Adjusted median; 1.01 times unadjusted median.

Appendix E8.–June, South Alaska Peninsula, Westward Region, 2007, all strata. Subregional reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, the probability that reporting group harvest estimate is equal to zero ($P = 0$), means, and SDs are reported.

Reporting Group		Harvest = 1,589,840; 12 strata						Harvest Rate (%)				
			90% CI						90% CI			
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD	Median	5%	95%	Mean	SD
Norton Sound		98	0	1,876	0.23	465	765	0.1	0.0	2.8	0.7	1.1
Kuskokwim Bay	Kuskokwim R.	1,803	64	12,186	0.02	3,703	4,089	0.3	0.0	2.6	0.7	0.9
	Kanektok	10,436	5,251	18,555	0.00	10,935	4,132	1.9	1.0	3.4	2.0	0.8
	Goodnews	12,968	4,306	24,127	0.00	13,412	5,932	2.9	1.0	5.7	3.1	1.4
Bristol Bay	Togiak	8,277	2,908	15,775	0.00	8,593	4,019	0.8	0.3	1.6	0.9	0.4
	Igushik	64,598	42,760	87,130	0.00	64,449	13,503	7.5	5.0	10.6	7.6	1.7
	Wood	351,270	317,903	381,358	0.00	348,970	19,324	4.2	3.8	4.6	4.2	0.3
	Nushagak	71,032	53,247	89,786	0.00	70,881	11,087	2.7	2.0	3.5	2.7	0.4
	Kvichak	106,331	87,797	125,608	0.00	105,933	11,483	1.8	1.5	2.2	1.8	0.2
	Alagnak	127,693	109,810	145,457	0.00	127,058	10,842	2.6	2.3	3.1	2.7	0.2
	Naknek	191,156	166,266	215,319	0.00	190,133	14,929	2.2	1.9	2.5	2.2	0.2
	Egegik	236,162	203,077	268,256	0.00	234,778	19,799	3.1	2.7	3.6	3.1	0.3
	Ugashik	195,855	163,371	227,013	0.00	194,630	19,352	2.5	2.1	3.0	2.5	0.3
North Peninsula	Cinder	3,596	157	10,200	0.02	4,180	3,105	0.8	0.0	2.6	1.0	0.8
	Meshik	5,817	191	15,745	0.02	6,569	4,894	2.5	0.1	7.6	3.0	2.4
	Ilnik	2,790	781	10,742	0.00	3,948	3,254	1.1	0.3	4.1	1.5	1.2
	Sandy	1,317	71	5,452	0.02	1,855	1,789	1.5	0.1	6.0	2.1	2.0
	Bear	5,721	3,107	9,955	0.00	5,990	2,162	0.3	0.2	0.6	0.4	0.1
	Nelson	2,020	361	5,682	0.00	2,369	1,716	0.3	0.1	0.9	0.4	0.3
	NW Dist.-BH	8	0	609	0.36	125	279	0.0	0.0	0.2	0.0	0.1
South Peninsula		935	206	3,579	0.00	1,271	1,157	0.6	0.1	2.7	0.9	1.0
Chignik	Black Lake	46,459	37,749	56,220	0.00	46,425	5,634	6.8	5.6	8.3	6.9	0.8
	Chignik Lake	10,038	5,110	16,592	0.00	10,291	3,547	1.0	0.5	1.7	1.1	0.4
East of WASSIP		133,458	118,748	147,752	0.00	132,763	8,844	–	–	–	–	–
Total		1,589,838				1,589,726						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the fishery harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
Note: Harvest rates are calculated by dividing the harvest posterior by total run posterior distributions; therefore, mean harvest rate may not equal harvest rate calculated from numbers reported in the tables if distributions are highly skewed.
Note: Harvest rate for East of WASSIP not calculated because it was not part of WASSIP plan.
[a] Adjusted median; 1.01 times unadjusted median.

Appendix E9.–June, South Alaska Peninsula, Westward Region, 2008, all strata. Subregional reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, the probability that reporting group harvest estimate is equal to zero (P = 0), means, and SDs are reported.

Reporting Group		Harvest = 1,713,575; 11 strata						Harvest Rate (%)				
			90% CI						90% CI			
Regional	Subregional	Median[a]	5%	95%	P = 0	Mean	SD	Median	5%	95%	Mean	SD
Norton Sound		0	0	438	0.56	86	371	0.0	0.0	1.5	0.3	1.1
Kuskokwim Bay	Kuskokwim R.	1,909	721	5,231	0.00	2,289	1,612	0.3	0.1	1.0	0.4	0.3
	Kanektok	9,366	878	22,717	0.00	9,764	7,474	3.6	0.4	8.6	3.7	2.8
	Goodnews	26,993	15,507	41,865	0.00	27,481	8,050	7.3	4.0	12.1	7.6	2.5
Bristol Bay	Togiak	3,645	679	10,909	0.00	4,416	3,274	0.5	0.1	1.4	0.6	0.4
	Igushik	71,773	43,027	103,776	0.00	72,067	18,531	4.1	2.5	6.0	4.2	1.1
	Wood	278,383	236,521	319,224	0.00	276,884	25,044	3.8	3.2	4.4	3.8	0.3
	Nushagak	104,209	79,553	131,582	0.00	104,233	15,870	5.0	3.8	6.4	5.0	0.8
	Kvichak	239,020	207,484	269,346	0.00	237,611	18,825	3.8	3.3	4.3	3.8	0.3
	Alagnak	85,486	68,663	104,096	0.00	85,405	10,789	1.9	1.5	2.3	1.9	0.2
	Naknek	186,041	157,919	214,139	0.00	185,153	17,121	2.1	1.8	2.4	2.1	0.2
	Egegik	409,574	366,014	449,136	0.00	406,919	25,337	5.1	4.6	5.7	5.1	0.3
	Ugashik	98,426	73,387	126,621	0.00	98,520	16,231	3.1	2.3	4.1	3.1	0.5
North Peninsula	Cinder	2,821	176	8,116	0.02	3,331	2,381	0.9	0.1	3.0	1.1	1.0
	Meshik	9,658	4,073	17,831	0.00	10,095	4,262	2.8	1.0	5.9	3.0	1.5
	Ilnik	1,004	2	6,050	0.01	1,712	2,083	1.1	0.0	7.2	2.0	2.5
	Sandy	4,718	1,164	10,020	0.00	5,016	2,751	11.0	2.9	21.5	11.4	5.7
	Bear	25,162	14,358	37,778	0.00	25,372	7,147	2.3	1.3	3.4	2.3	0.6
	Nelson	3,842	1,957	8,153	0.00	4,270	2,006	0.9	0.4	1.9	1.0	0.5
	NW Dist.-BH	5,746	3,364	9,890	0.00	6,042	2,050	1.0	0.4	2.4	1.2	0.6
South Peninsula		5,497	2,081	10,804	0.00	5,826	2,707	2.5	0.8	5.9	2.8	1.7
Chignik	Black Lake	54,206	43,065	66,156	0.00	54,116	7,039	7.6	6.1	9.2	7.6	0.9
	Chignik Lake	2,106	679	9,941	0.00	3,385	3,142	0.3	0.1	1.2	0.4	0.4
East of WASSIP		83,990	70,598	97,741	0.00	83,659	8,248	–	–	–	–	–
Total		1,713,575				1,713,652						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the fishery harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
Note: Harvest rates are calculated by dividing the harvest posterior by total run posterior distributions; therefore, mean harvest rate may not equal harvest rate calculated from numbers reported in the tables if distributions are highly skewed.
Note: Harvest rate for East of WASSIP not calculated because it was not part of WASSIP plan.
[a] Adjusted median; 1.01 times unadjusted median.

Appendix E10.–Post-June, South Alaska Peninsula, Westward Region, 2006, all strata. Subregional reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, the probability that reporting group harvest estimate is equal to zero ($P = 0$), means, and SDs are reported.

Reporting Group		Harvest = 621,478; 7 strata						Harvest Rate (%)				
			90% CI						90% CI			
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD	Median	5%	95%	Mean	SD
Norton Sound		1	0	1,165	0.48	214	428	0.0	0.0	1.5	0.3	0.6
Kuskokwim Bay	Kuskokwim R.	34	0	1,553	0.31	346	563	0.0	0.0	0.2	0.0	0.1
	Kanektok	129	27	711	0.00	212	270	0.0	0.0	0.2	0.1	0.1
	Goodnews	65	0	1,131	0.27	244	457	0.0	0.0	0.2	0.1	0.1
Bristol Bay	Togiak	3,723	2,127	5,860	0.00	3,812	1,142	0.5	0.3	0.7	0.5	0.1
	Igushik	24	0	4,225	0.34	667	1,426	0.0	0.0	0.6	0.1	0.2
	Wood	6,906	3,136	9,739	0.00	6,775	1,893	0.1	0.0	0.1	0.1	0.0
	Nushagak	6,579	4,074	9,362	0.00	6,604	1,612	0.3	0.2	0.4	0.3	0.1
	Kvichak	2,557	1,455	4,079	0.00	2,625	808	0.0	0.0	0.1	0.1	0.0
	Alagnak	4,945	3,167	7,207	0.00	5,018	1,238	0.2	0.1	0.2	0.2	0.0
	Naknek	11,351	8,617	14,496	0.00	11,383	1,796	0.2	0.2	0.3	0.2	0.0
	Egegik	20,165	14,741	26,458	0.00	20,257	3,563	0.2	0.2	0.3	0.2	0.0
	Ugashik	9,520	4,660	14,647	0.00	9,537	3,012	0.2	0.1	0.4	0.2	0.1
North Peninsula	Cinder	3,744	869	6,590	0.01	3,736	1,710	1.2	0.3	2.9	1.4	0.8
	Meshik	595	0	4,147	0.08	1,136	1,413	0.2	0.0	1.3	0.3	0.5
	Ilnik	0	0	421	0.53	72	217	0.0	0.0	0.2	0.0	0.1
	Sandy	2	0	980	0.45	172	400	0.0	0.0	0.8	0.2	0.3
	Bear	15,096	12,067	18,414	0.00	15,092	1,933	1.2	1.0	1.5	1.2	0.2
	Nelson	28	0	152	0.15	49	89	0.0	0.0	0.0	0.0	0.0
	NW Dist.-BH	745	100	2,021	0.00	860	606	0.2	0.0	0.8	0.3	0.2
South Peninsula		3,903	2,489	5,889	0.00	3,992	1,046	2.5	1.1	5.6	2.8	1.5
Chignik	Black Lake	107,634	93,274	121,891	0.00	107,199	8,694	8.0	7.0	9.0	8.0	0.6
	Chignik Lake	144,415	129,095	158,902	0.00	143,721	9,100	15.0	13.6	16.5	15.0	0.9
East of WASSIP		279,316	262,678	293,389	0.00	277,761	9,354	–	–	–	–	–
Total		621,477				621,484						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the fishery harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
Note: Harvest rates are calculated by dividing the harvest posterior by total run posterior distributions; therefore, mean harvest rate may not equal harvest rate calculated from numbers reported in the tables if distributions are highly skewed.
Note: Harvest rate for East of WASSIP not calculated because it was not part of WASSIP plan.
[a] Adjusted median; 1.01 times unadjusted median.

Appendix E11.–Post-June, South Alaska Peninsula, Westward Region, 2007, all strata. Subregional reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, the probability that reporting group harvest estimate is equal to zero ($P = 0$), means, and SDs are reported.

Reporting Group		Harvest = 652,867; 7 strata						Harvest Rate (%)				
			90% CI						90% CI			
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD	Median	5%	95%	Mean	SD
Norton Sound		0	0	116	0.68	22	96	0.0	0.0	0.2	0.0	0.1
Kuskokwim Bay	Kuskokwim R.	6,063	2,851	9,955	0.00	6,155	2,189	1.1	0.4	2.6	1.2	0.7
	Kanektok	2,554	1,071	5,544	0.00	2,815	1,446	0.5	0.2	1.0	0.5	0.3
	Goodnews	13,782	5,953	20,575	0.00	13,460	4,512	3.1	1.3	5.1	3.1	1.2
Bristol Bay	Togiak	9,150	3,668	17,282	0.00	9,684	4,244	0.9	0.4	1.7	1.0	0.4
	Igushik	3,252	152	7,387	0.03	3,471	2,164	0.4	0.0	0.9	0.4	0.3
	Wood	51,449	43,360	59,485	0.00	51,199	4,906	0.6	0.5	0.7	0.6	0.1
	Nushagak	14,586	9,041	21,575	0.00	14,791	3,840	0.6	0.4	0.8	0.6	0.2
	Kvichak	11,457	7,132	16,618	0.00	11,556	2,898	0.2	0.1	0.3	0.2	0.1
	Alagnak	27,165	21,662	33,015	0.00	27,114	3,459	0.6	0.5	0.7	0.6	0.1
	Naknek	52,286	44,345	60,072	0.00	52,021	4,779	0.6	0.5	0.7	0.6	0.1
	Egegik	46,010	35,185	56,159	0.00	45,665	6,366	0.6	0.5	0.8	0.6	0.1
	Ugashik	18,222	9,439	28,966	0.00	18,521	5,934	0.2	0.1	0.4	0.2	0.1
North Peninsula	Cinder	248	0	3,521	0.27	873	1,251	0.1	0.0	0.9	0.2	0.3
	Meshik	907	0	2,841	0.12	1,066	986	0.4	0.0	1.4	0.5	0.5
	Ilnik	209	59	1,490	0.01	385	562	0.1	0.0	0.6	0.2	0.2
	Sandy	1	0	950	0.50	160	417	0.0	0.0	1.1	0.2	0.5
	Bear	19,550	14,921	24,644	0.00	19,547	2,964	1.2	0.9	1.5	1.2	0.2
	Nelson	411	33	1,487	0.01	538	479	0.1	0.0	0.2	0.1	0.1
	NW Dist.-BH	378	5	1,567	0.04	528	529	0.1	0.0	0.6	0.2	0.2
South Peninsula		2,750	1,466	5,010	0.00	2,920	1,114	1.8	0.7	4.4	2.0	1.3
Chignik	Black Lake	26,457	19,166	34,437	0.00	26,462	4,657	3.9	2.9	5.1	3.9	0.7
	Chignik Lake	97,427	85,150	109,470	0.00	96,942	7,386	10.0	8.9	11.2	10.0	0.7
East of WASSIP		248,553	230,302	263,989	0.00	246,920	10,227	–	–	–	–	–
Total		652,867				652,815						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the fishery harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
Note: Harvest rates are calculated by dividing the harvest posterior by total run posterior distributions; therefore, mean harvest rate may not equal harvest rate calculated from numbers reported in the tables if distributions are highly skewed.
Note: Harvest rate for East of WASSIP not calculated because it was not part of WASSIP plan.
[a] Adjusted median; 1.01 times unadjusted median.

Appendix E12.–Post-June, South Alaska Peninsula, Westward Region, 2008, all strata. Subregional reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, the probability that reporting group harvest estimate is equal to zero ($P = 0$), means, and SDs are reported.

Reporting Group		Harvest = 304,039; 7 strata						Harvest Rate (%)				
			90% CI						90% CI			
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD	Median	5%	95%	Mean	SD
Norton Sound		55	0	1,250	0.35	291	461	0.2	0.0	4.1	1.0	1.5
Kuskokwim Bay	Kuskokwim R.	1,751	707	3,012	0.00	1,779	703	0.3	0.1	0.7	0.3	0.2
	Kanektok	3	0	1,072	0.44	207	396	0.0	0.0	0.4	0.1	0.2
	Goodnews	237	0	1,471	0.22	400	516	0.1	0.0	0.4	0.1	0.2
Bristol Bay	Togiak	2,755	1,660	4,119	0.00	2,791	754	0.4	0.2	0.6	0.4	0.1
	Igushik	335	0	1,513	0.08	490	510	0.0	0.0	0.1	0.0	0.0
	Wood	5,710	4,036	7,620	0.00	5,723	1,094	0.1	0.1	0.1	0.1	0.0
	Nushagak	5,100	3,486	7,017	0.00	5,130	1,082	0.2	0.2	0.3	0.3	0.1
	Kvichak	8,118	5,769	10,712	0.00	8,120	1,502	0.1	0.1	0.2	0.1	0.0
	Alagnak	2,734	1,732	3,962	0.00	2,762	681	0.1	0.0	0.1	0.1	0.0
	Naknek	8,603	6,556	10,876	0.00	8,600	1,319	0.1	0.1	0.1	0.1	0.0
	Egegik	13,861	10,888	16,958	0.00	13,811	1,846	0.2	0.1	0.2	0.2	0.0
	Ugashik	3,056	1,612	5,175	0.00	3,172	1,109	0.1	0.1	0.2	0.1	0.0
North Peninsula	Cinder	3,897	1,482	6,731	0.00	3,948	1,602	1.2	0.4	2.9	1.3	0.8
	Meshik	3	0	1,458	0.44	228	633	0.0	0.0	0.4	0.1	0.2
	Ilnik	0	0	604	0.51	110	256	0.0	0.0	0.7	0.1	0.3
	Sandy	0	0	229	0.62	38	121	0.0	0.0	0.5	0.1	0.3
	Bear	22,166	18,507	25,898	0.00	22,063	2,247	2.0	1.7	2.4	2.0	0.2
	Nelson	221	19	711	0.02	274	228	0.1	0.0	0.2	0.1	0.1
	NW Dist.-BH	794	104	2,396	0.00	963	735	0.1	0.0	0.5	0.2	0.2
South Peninsula		13,603	10,716	16,902	0.00	13,606	1,883	6.2	3.1	11.1	6.5	2.5
Chignik	Black Lake	9,612	6,993	12,668	0.00	9,639	1,727	1.3	1.0	1.8	1.4	0.2
	Chignik Lake	82,455	75,475	88,351	0.00	81,828	3,913	9.6	8.8	10.4	9.6	0.5
East of WASSIP		118,969	110,602	125,768	0.00	118,058	4,597	–	–	–	–	–
Total		304,038				304,031						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the fishery harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
Note: Harvest rates are calculated by dividing the harvest posterior by total run posterior distributions; therefore, mean harvest rate may not equal harvest rate calculated from numbers reported in the tables if distributions are highly skewed.
Note: Harvest rate for East of WASSIP not calculated because it was not part of WASSIP plan.
[a] Adjusted median; 1.01 times unadjusted median.

Appendix E13.–North Alaska Peninsula, Westward Region, 2006, all strata. Subregional reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, the probability that reporting group harvest estimate is equal to zero ($P = 0$), means, and SDs are reported.

Reporting Group		Harvest = 2,047,796; 15 strata						Harvest Rate (%)				
			90% CI						90% CI			
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD	Median	5%	95%	Mean	SD
Norton Sound		5	0	2,455	0.39	458	1,295	0.0	0.0	3.1	0.6	1.6
Kuskokwim Bay	Kuskokwim R.	105	0	676	0.17	196	324	0.0	0.0	0.1	0.0	0.0
	Kanektok	138	0	12,271	0.23	2,155	4,233	0.0	0.0	2.8	0.5	1.0
	Goodnews	14,311	1,759	26,650	0.00	14,309	7,360	2.9	0.4	6.2	3.0	1.7
Bristol Bay	Togiak	2,287	343	13,142	0.00	3,997	4,270	0.3	0.0	1.6	0.5	0.5
	Igushik	15,059	7,825	24,122	0.00	15,335	4,983	2.0	1.0	3.3	2.1	0.7
	Wood	76,005	62,644	90,183	0.00	75,892	8,378	0.6	0.5	0.7	0.6	0.1
	Nushagak	8,068	2,430	16,253	0.00	8,507	4,268	0.3	0.1	0.6	0.3	0.2
	Kvichak	53,363	40,239	67,837	0.00	53,414	8,387	0.9	0.7	1.2	0.9	0.2
	Alagnak	24,270	16,734	33,410	0.00	24,486	5,105	0.7	0.5	1.0	0.7	0.2
	Naknek	78,636	64,332	93,868	0.00	78,521	8,985	1.5	1.2	1.8	1.5	0.2
	Egegik	121,269	85,499	160,819	0.00	121,593	22,809	1.4	1.0	1.9	1.4	0.3
	Ugashik	451,146	404,471	493,631	0.00	448,742	27,086	10.9	9.7	12.2	10.9	0.8
North Peninsula	Cinder	39,745	22,270	60,227	0.00	40,126	11,557	13.5	5.8	26.7	14.5	6.5
	Meshik	39,147	19,219	61,513	0.00	39,470	12,811	10.5	4.0	23.2	11.7	6.0
	Ilnik	108,155	89,289	127,811	0.00	107,912	11,719	47.4	38.2	56.9	47.5	5.7
	Sandy	60,215	47,702	73,698	0.00	60,160	7,913	51.6	42.3	60.9	51.6	5.7
	Bear	794,264	756,777	824,155	0.00	789,954	20,499	62.8	60.1	65.4	62.8	1.6
	Nelson	82,479	69,386	96,077	0.00	82,311	8,097	13.9	11.7	16.3	13.9	1.4
	NW Dist.-BH	1,793	361	5,201	0.00	2,153	1,553	0.5	0.1	1.9	0.7	0.6
South Peninsula		44	0	1,725	0.30	376	876	0.0	0.0	1.2	0.3	0.7
Chignik	Black Lake	67	0	2,977	0.29	636	1,101	0.0	0.0	0.2	0.1	0.1
	Chignik Lake	673	29	2,895	0.02	964	1,023	0.1	0.0	0.3	0.1	0.1
East of WASSIP		76,552	66,006	87,488	0.00	76,336	6,546	–	–	–	–	–
Total		2,047,796				2,048,003						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the fishery harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
Note: Harvest rates are calculated by dividing the harvest posterior by total run posterior distributions; therefore, mean harvest rate may not equal harvest rate calculated from numbers reported in the tables if distributions are highly skewed.
Note: Harvest rate for East of WASSIP not calculated because it was not part of WASSIP plan.
[a] Adjusted median; 1.01 times unadjusted median.

Appendix E14.–North Alaska Peninsula, Westward Region, 2007, all strata. Subregional reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, the probability that reporting group harvest estimate is equal to zero (P = 0), means, and SDs are reported.

Reporting Group		Harvest = 3,016,548; 17 strata						Harvest Rate (%)				
			90% CI						90% CI			
Regional	Subregional	Median[a]	5%	95%	P = 0	Mean	SD	Median	5%	95%	Mean	SD
Norton Sound		935	6	3,057	0.04	1,177	1,108	1.4	0.0	4.5	1.7	1.6
Kuskokwim Bay	Kuskokwim R.	1,322	127	4,023	0.00	1,595	1,256	0.2	0.0	0.9	0.3	0.3
	Kanektok	7,794	0	19,693	0.07	8,026	6,686	1.4	0.0	3.6	1.5	1.2
	Goodnews	12,546	4,674	24,435	0.00	13,206	6,199	2.8	1.0	5.7	3.0	1.5
Bristol Bay	Togiak	11,424	4,809	19,798	0.00	11,726	4,568	1.1	0.5	2.0	1.2	0.5
	Igushik	52,709	34,100	73,663	0.00	52,990	12,072	6.2	4.0	8.9	6.3	1.5
	Wood	199,720	172,239	228,611	0.00	199,589	17,118	2.4	2.1	2.8	2.4	0.2
	Nushagak	10,842	4,896	20,706	0.00	11,537	4,905	0.4	0.2	0.8	0.5	0.2
	Kvichak	101,084	80,760	123,458	0.00	101,247	13,007	1.7	1.4	2.1	1.8	0.2
	Alagnak	49,363	36,211	64,744	0.00	49,686	8,700	1.0	0.8	1.4	1.0	0.2
	Naknek	189,224	163,182	216,500	0.00	189,065	16,242	2.2	1.9	2.5	2.2	0.2
	Egegik	107,300	81,666	137,434	0.00	107,882	16,966	1.4	1.1	1.8	1.4	0.2
	Ugashik	507,555	463,723	549,757	0.00	506,177	26,200	6.5	5.9	7.3	6.5	0.4
North Peninsula	Cinder	109,106	84,850	134,850	0.00	109,180	15,280	24.7	12.6	42.1	25.7	9.0
	Meshik	75,690	52,279	100,766	0.00	75,846	14,687	33.9	18.3	53.3	34.6	10.6
	Ilnik	134,374	116,363	154,632	0.00	134,522	11,692	51.8	42.5	61.2	51.8	5.7
	Sandy	39,332	28,905	52,151	0.00	39,679	7,066	44.9	36.9	52.5	44.8	4.8
	Bear	1,188,020	1,136,420	1,234,472	0.00	1,184,542	29,732	71.9	69.7	74.0	71.9	1.3
	Nelson	85,075	71,527	99,899	0.00	85,122	8,614	13.4	11.4	15.7	13.5	1.3
	NW Dist.-BH	6,755	4,049	10,558	0.00	6,946	2,018	2.1	0.9	4.4	2.3	1.1
South Peninsula		1,532	0	5,243	0.15	1,894	1,871	0.9	0.0	4.3	1.3	1.5
Chignik	Black Lake	5	0	982	0.39	175	410	0.0	0.0	0.1	0.0	0.1
	Chignik Lake	2,014	727	4,083	0.00	2,154	1,050	0.2	0.1	0.4	0.2	0.1
East of WASSIP		122,828	108,687	137,515	0.00	122,678	8,749	–	–	–	–	–
Total		3,016,549				3,016,641						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the fishery harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
Note: Harvest rates are calculated by dividing the harvest posterior by total run posterior distributions; therefore, mean harvest rate may not equal harvest rate calculated from numbers reported in the tables if distributions are highly skewed.
Note: Harvest rate for East of WASSIP not calculated because it was not part of WASSIP plan.
[a] Adjusted median; 1.00 times unadjusted median.

Appendix E15.–North Alaska Peninsula, Westward Region, 2008, all strata. Subregional reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, the probability that reporting group harvest estimate is equal to zero ($P = 0$), means, and SDs are reported.

Reporting Group		Harvest = 1,747,969; 11 strata						Harvest Rate (%)				
			90% CI						90% CI			
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD	Median	5%	95%	Mean	SD
Norton Sound		0	0	351	0.62	68	308	0.0	0.0	1.2	0.2	0.9
Kuskokwim Bay	Kuskokwim R.	3,622	1,165	7,259	0.01	3,833	1,915	0.6	0.1	1.5	0.7	0.5
	Kanektok	575	0	4,312	0.20	1,143	1,603	0.2	0.0	1.7	0.4	0.6
	Goodnews	12,449	6,183	19,819	0.00	12,629	4,201	3.4	1.6	5.9	3.5	1.3
Bristol Bay	Togiak	11,324	6,268	18,194	0.00	11,625	3,662	1.5	0.8	2.4	1.5	0.5
	Igushik	75,378	57,888	93,858	0.00	75,369	10,931	4.4	3.3	5.5	4.4	0.7
	Wood	153,470	131,305	175,605	0.00	153,070	13,450	2.1	1.8	2.4	2.1	0.2
	Nushagak	43,911	31,524	57,837	0.00	44,053	7,999	2.1	1.5	2.8	2.1	0.4
	Kvichak	41,936	30,376	54,781	0.00	42,067	7,416	0.7	0.5	0.9	0.7	0.1
	Alagnak	33,562	25,571	42,695	0.00	33,684	5,213	0.7	0.6	1.0	0.8	0.1
	Naknek	117,034	101,430	133,012	0.00	116,815	9,603	1.3	1.2	1.5	1.3	0.1
	Egegik	69,442	50,802	88,643	0.00	69,363	11,512	0.9	0.6	1.1	0.9	0.2
	Ugashik	277,464	250,728	303,672	0.00	276,666	16,117	8.8	7.8	9.9	8.8	0.7
North Peninsula	Cinder	24,032	11,062	37,344	0.00	24,006	7,996	7.2	2.6	16.5	8.1	4.4
	Meshik	131,403	114,129	149,176	0.00	131,179	10,673	39.3	22.6	58.0	39.6	10.7
	Ilnik	12,682	8,148	24,186	0.00	13,961	4,969	15.4	7.3	30.4	16.6	7.2
	Sandy	1,764	326	4,970	0.01	2,088	1,495	4.1	0.8	11.2	4.8	3.3
	Bear	719,019	679,924	755,314	0.00	716,614	22,973	65.6	62.6	68.5	65.6	1.8
	Nelson	15,171	11,010	20,183	0.00	15,286	2,804	3.5	2.3	5.0	3.6	0.8
	NW Dist.-BH	3	0	1,001	0.44	180	420	0.0	0.0	0.2	0.0	0.1
South Peninsula		0	0	563	0.52	105	316	0.0	0.0	0.3	0.1	0.2
Chignik	Black Lake	0	0	199	0.64	38	162	0.0	0.0	0.0	0.0	0.0
	Chignik Lake	0	0	375	0.62	65	246	0.0	0.0	0.0	0.0	0.0
East of WASSIP		3,728	1,602	7,202	0.00	3,966	1,742	–	–	–	–	–
Total		1,747,969				1,747,873						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the fishery harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
Note: Harvest rates are calculated by dividing the harvest posterior by total run posterior distributions; therefore, mean harvest rate may not equal harvest rate calculated from numbers reported in the tables if distributions are highly skewed.
Note: Harvest rate for East of WASSIP not calculated because it was not part of WASSIP plan.
[a] Adjusted median; 1.00 times unadjusted median.

Appendix E16.–Bristol Bay Area, Central Region, 2006, all strata. Subregional reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, the probability that reporting group harvest estimate is equal to zero ($P = 0$), means, and SDs are reported.

Reporting Group		Harvest = 28,491,169; 28 strata						Harvest Rate (%)				
			90% CI						90% CI			
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD	Median	5%	95%	Mean	SD
Norton Sound		280	0	9,826	0.09	1,995	4,752	0.4	0.0	11.7	2.3	4.7
Kuskokwim Bay	Kuskokwim R.	286,785	160,707	467,787	0.00	296,561	93,875	27.4	17.3	38.4	27.6	6.4
	Kanektok	17,165	3,101	41,793	0.00	19,366	13,969	3.6	0.6	10.3	4.3	3.3
	Goodnews	189,586	136,362	294,327	0.00	199,646	48,857	41.5	24.2	60.4	41.8	11.0
Bristol Bay	Togiak	458,010	415,890	502,249	0.00	457,938	26,638	57.9	54.8	60.9	57.9	1.8
	Igushik	406,794	284,773	554,382	0.00	411,098	82,972	54.8	45.7	62.6	54.5	5.2
	Wood	8,226,329	7,799,948	8,639,966	0.00	8,213,779	255,140	66.1	64.0	68.1	66.1	1.3
	Nushagak	2,046,618	1,787,139	2,311,668	0.00	2,045,181	159,130	77.5	73.9	80.8	77.5	2.1
	Kvichak	2,527,189	2,353,390	2,700,210	0.00	2,524,174	105,467	44.6	41.9	47.2	44.6	1.6
	Alagnak	1,547,706	1,422,747	1,673,727	0.00	1,546,235	75,981	45.8	42.9	48.6	45.8	1.7
	Naknek	3,224,147	3,011,664	3,436,219	0.00	3,220,379	129,146	60.4	58.0	62.8	60.4	1.5
	Egegik	6,883,639	6,508,899	7,259,881	0.00	6,876,183	227,782	80.0	78.5	81.4	80.0	0.9
	Ugashik	2,638,357	2,334,471	2,899,068	0.00	2,624,878	172,698	63.7	60.5	66.4	63.6	1.8
North Peninsula	Cinder	15,957	6,444	33,013	0.00	17,333	8,383	5.5	1.8	13.5	6.3	3.8
	Meshik	6,496	15	23,224	0.02	8,273	7,672	1.7	0.0	7.4	2.4	2.5
	Ilnik	5,439	4	16,444	0.03	6,228	5,645	2.4	0.0	7.1	2.7	2.4
	Sandy	6,642	7	19,255	0.03	7,500	6,439	5.7	0.0	15.2	6.2	5.0
	Bear	147	0	4,646	0.11	943	2,223	0.0	0.0	0.4	0.1	0.2
	Nelson	2,543	0	19,897	0.05	5,530	7,004	0.4	0.0	3.3	0.9	1.2
	NW Dist.-BH	446	0	6,276	0.07	1,414	2,562	0.1	0.0	2.1	0.5	0.9
South Peninsula		402	0	12,481	0.08	2,846	8,219	0.3	0.0	8.3	1.7	4.5
Chignik	Black Lake	134	0	4,002	0.11	836	1,972	0.0	0.0	0.3	0.1	0.1
	Chignik Lake	177	0	4,610	0.10	958	2,185	0.0	0.0	0.5	0.1	0.2
East of WASSIP		179	0	5,743	0.10	1,155	2,588	–	–	–	–	–
Total		28,491,167				28,490,429						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.

Note: Harvest rate is the fishery harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.

Note: Harvest rates are calculated by dividing the harvest posterior by total run posterior distributions; therefore, mean harvest rate may not equal harvest rate calculated from numbers reported in the tables if distributions are highly skewed.

Note: Harvest rate for East of WASSIP not calculated because it was not part of WASSIP plan.

[a] Adjusted median; 1.00 times unadjusted median.

Appendix E17.–Bristol Bay Area, Central Region, 2007, all strata. Subregional reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, the probability that reporting group harvest estimate is equal to zero ($P = 0$), means, and SDs are reported.

Reporting Group		Harvest = 29,765,726; 25 strata						Harvest Rate (%)				
			90% CI						90% CI			
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD	Median	5%	95%	Mean	SD
Norton Sound		422	0	28,774	0.11	5,024	10,879	0.7	0.0	31.3	5.7	10.5
Kuskokwim Bay	Kuskokwim R.	20,440	4,056	80,987	0.00	28,285	28,310	3.7	0.7	15.5	5.3	5.3
	Kanektok	85,670	28,505	191,635	0.00	94,274	52,209	15.9	5.9	29.9	16.6	7.6
	Goodnews	226,545	179,233	285,312	0.00	228,268	32,506	52.8	37.3	65.4	52.3	8.6
Bristol Bay	Togiak	692,374	642,594	742,762	0.00	691,553	30,614	68.6	66.2	70.9	68.6	1.4
	Igushik	312,243	171,312	472,195	0.00	315,526	90,829	36.6	24.0	46.9	36.2	6.9
	Wood	6,154,432	5,819,733	6,471,177	0.00	6,143,191	198,109	74.2	72.6	75.7	74.2	1.0
	Nushagak	1,964,906	1,757,819	2,172,634	0.00	1,961,960	125,782	75.7	72.3	78.7	75.6	2.0
	Kvichak	2,764,346	2,521,162	3,010,595	0.00	2,761,171	148,475	47.7	44.7	50.6	47.7	1.8
	Alagnak	2,136,650	1,939,688	2,339,069	0.00	2,134,791	121,746	44.4	41.4	47.4	44.4	1.8
	Naknek	5,243,826	4,877,487	5,606,759	0.00	5,235,954	221,709	60.6	58.2	63.0	60.6	1.5
	Egegik	5,672,515	5,250,166	6,269,114	0.00	5,693,001	305,779	75.6	73.7	77.8	75.7	1.3
	Ugashik	4,471,794	3,881,654	4,852,689	0.00	4,432,207	288,135	57.3	53.6	59.9	57.1	1.9
North Peninsula	Cinder	11,072	7,390	30,205	0.00	13,975	7,713	2.7	1.2	7.4	3.3	2.1
	Meshik	2,678	0	31,696	0.07	8,110	11,930	1.2	0.0	13.5	3.5	4.9
	Ilnik	2,528	14	20,380	0.02	5,517	7,481	1.0	0.0	7.5	2.1	2.7
	Sandy	205	0	7,115	0.13	1,414	3,002	0.2	0.0	7.7	1.5	3.0
	Bear	1,919	0	24,189	0.07	5,905	8,702	0.1	0.0	1.5	0.4	0.5
	Nelson	129	0	4,685	0.14	936	2,274	0.0	0.0	0.7	0.2	0.4
	NW Dist.-BH	165	0	5,420	0.13	1,130	2,582	0.1	0.0	1.8	0.4	0.9
South Peninsula		288	0	8,721	0.12	1,741	3,876	0.2	0.0	5.8	1.2	2.6
Chignik	Black Lake	102	0	4,365	0.15	873	2,143	0.0	0.0	0.6	0.1	0.3
	Chignik Lake	144	0	4,720	0.14	981	2,285	0.0	0.0	0.5	0.1	0.2
East of WASSIP		332	21	6,171	0.01	1,297	2,822	–	–	–	–	–
Total		29,765,725				29,767,084						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.

Note: Harvest rate is the fishery harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.

Note: Harvest rates are calculated by dividing the harvest posterior by total run posterior distributions; therefore, mean harvest rate may not equal harvest rate calculated from numbers reported in the tables if distributions are highly skewed.

Note: Harvest rate for East of WASSIP not calculated because it was not part of WASSIP plan.

[a] Adjusted median; 1.00 times unadjusted median.

Appendix E18.–Bristol Bay Area, Central Region, 2008, all strata. Subregional reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, the probability that reporting group harvest estimate is equal to zero ($P = 0$), means, and SDs are reported.

Reporting Group		Harvest = 27,674,222; 26 strata						Harvest Rate (%)				
			90% CI						90% CI			
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD	Median	5%	95%	Mean	SD
Norton Sound		288	0	13,688	0.11	2,622	5,820	1.0	0.0	33.2	6.6	11.4
Kuskokwim Bay	Kuskokwim R.	13,613	174	51,202	0.00	17,685	17,207	2.0	0.0	9.1	2.9	3.1
	Kanektok	27,777	6,929	63,326	0.00	30,568	18,040	10.8	2.9	22.1	11.5	5.9
	Goodnews	205,094	150,698	279,520	0.00	208,618	39,572	57.4	40.7	70.4	56.7	9.1
Bristol Bay	Togiak	522,902	459,876	571,213	0.00	519,451	33,743	68.7	65.5	71.3	68.6	1.8
	Igushik	512,162	390,227	653,593	0.00	515,273	80,072	29.7	24.2	35.4	29.8	3.4
	Wood	5,150,320	4,873,998	5,415,794	0.00	5,143,373	164,656	70.4	68.5	72.1	70.3	1.1
	Nushagak	1,426,831	1,257,006	1,605,130	0.00	1,426,959	105,654	68.4	64.4	72.1	68.3	2.4
	Kvichak	3,250,286	3,001,035	3,502,132	0.00	3,247,799	152,742	51.6	48.9	54.2	51.6	1.6
	Alagnak	2,216,068	2,034,355	2,400,721	0.00	2,214,658	111,693	49.0	46.2	51.9	49.0	1.7
	Naknek	5,989,170	5,654,198	6,312,533	0.00	5,981,135	200,389	68.1	66.0	70.0	68.0	1.2
	Egegik	6,180,600	5,815,874	6,547,609	0.00	6,174,879	222,609	77.8	76.3	79.3	77.8	0.9
	Ugashik	2,168,419	1,909,190	2,419,717	0.00	2,164,803	154,735	68.9	65.8	71.6	68.8	1.8
North Peninsula	Cinder	4,817	1,385	17,005	0.00	6,401	5,386	1.5	0.4	6.0	2.1	2.0
	Meshik	362	0	13,039	0.10	2,546	5,330	0.1	0.0	3.8	0.7	1.6
	Ilnik	273	0	7,673	0.11	1,601	3,278	0.3	0.0	8.7	1.8	3.5
	Sandy	1,655	1	14,563	0.04	3,836	5,337	4.0	0.0	27.2	7.8	9.3
	Bear	176	0	5,811	0.12	1,173	2,600	0.0	0.0	0.5	0.1	0.2
	Nelson	174	0	8,018	0.12	1,534	3,503	0.0	0.0	1.8	0.4	0.8
	NW Dist.-BH	362	0	8,288	0.10	1,810	3,495	0.1	0.0	1.6	0.3	0.7
South Peninsula		2,095	24	15,346	0.02	4,042	5,807	0.9	0.0	7.1	1.9	2.7
Chignik	Black Lake	469	1	6,333	0.04	1,397	2,807	0.1	0.0	0.9	0.2	0.4
	Chignik Lake	125	0	5,748	0.14	1,128	2,895	0.0	0.0	0.7	0.1	0.3
East of WASSIP		184	0	7,660	0.12	1,529	3,562	–	–	–	–	–
Total		27,674,222				27,674,820						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.

Note: Harvest rate is the fishery harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.

Note: Harvest rates are calculated by dividing the harvest posterior by total run posterior distributions; therefore, mean harvest rate may not equal harvest rate calculated from numbers reported in the tables if distributions are highly skewed.

Note: Harvest rate for East of WASSIP not calculated because it was not part of WASSIP plan.

[a] Adjusted median; 1.00 times unadjusted median.

Appendix E19.–Kuskokwim Area, Arctic–Yukon–Kuskokwim Region, 2006, all strata. Subregional reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, the probability that reporting group harvest estimate is equal to zero ($P = 0$), means, and SDs are reported.

Reporting Group		Harvest = 136,165; 6 strata						Harvest Rate (%)				
			90% CI						90% CI			
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD	Median	5%	95%	Mean	SD
Norton Sound		50	3	346	0.01	108	192	0.1	0.0	0.5	0.1	0.3
Kuskokwim Bay	Kuskokwim R.	417	96	1,154	0.00	502	341	0.0	0.0	0.1	0.1	0.0
	Kanektok	102,873	96,712	108,017	0.00	102,316	3,434	22.6	11.7	38.3	23.5	8.2
	Goodnews	19,085	16,774	22,173	0.00	19,164	1,653	4.0	2.5	6.1	4.1	1.1
Bristol Bay	Togiak	8,501	7,190	10,718	0.00	8,624	1,073	1.1	0.9	1.4	1.1	0.1
	Igushik	258	0	624	0.13	267	220	0.0	0.0	0.1	0.0	0.0
	Wood	1,223	656	2,026	0.00	1,262	422	0.0	0.0	0.0	0.0	0.0
	Nushagak	3,514	2,534	4,681	0.00	3,536	657	0.1	0.1	0.2	0.1	0.0
	Kvichak	38	0	171	0.23	54	63	0.0	0.0	0.0	0.0	0.0
	Alagnak	0	0	46	0.72	7	26	0.0	0.0	0.0	0.0	0.0
	Naknek	157	52	329	0.00	169	89	0.0	0.0	0.0	0.0	0.0
	Egegik	47	0	170	0.06	61	57	0.0	0.0	0.0	0.0	0.0
	Ugashik	0	0	37	0.75	7	28	0.0	0.0	0.0	0.0	0.0
North Peninsula	Cinder	0	0	87	0.64	15	42	0.0	0.0	0.0	0.0	0.0
	Meshik	0	0	71	0.67	12	39	0.0	0.0	0.0	0.0	0.0
	Ilnik	0	0	89	0.66	14	39	0.0	0.0	0.0	0.0	0.0
	Sandy	0	0	30	0.75	5	23	0.0	0.0	0.0	0.0	0.0
	Bear	0	0	47	0.74	11	56	0.0	0.0	0.0	0.0	0.0
	Nelson	0	0	21	0.78	4	19	0.0	0.0	0.0	0.0	0.0
	NW Dist.-BH	0	0	59	0.74	13	67	0.0	0.0	0.0	0.0	0.0
South Peninsula		0	0	43	0.75	9	39	0.0	0.0	0.0	0.0	0.0
Chignik	Black Lake	0	0	26	0.77	5	20	0.0	0.0	0.0	0.0	0.0
	Chignik Lake	0	0	27	0.77	5	22	0.0	0.0	0.0	0.0	0.0
East of WASSIP		0	0	35	0.76	7	32	–	–	–	–	–
Total		136,163				136,177						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the fishery harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
Note: Harvest rates are calculated by dividing the harvest posterior by total run posterior distributions; therefore, mean harvest rate may not equal harvest rate calculated from numbers reported in the tables if distributions are highly skewed.
Note: Harvest rate for East of WASSIP not calculated because it was not part of WASSIP plan.
[a] Adjusted median; 1.01 times unadjusted median.

Appendix E20.–Kuskokwim Area, Arctic–Yukon–Kuskokwim Region, 2007, all strata. Subregional reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, the probability that reporting group harvest estimate is equal to zero ($P = 0$), means, and SDs are reported.

Reporting Group		Harvest = 153,283; 6 strata						Harvest Rate (%)				
			90% CI						90% CI			
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD	Median	5%	95%	Mean	SD
Norton Sound		69	5	331	0.00	107	114	0.1	0.0	0.5	0.2	0.2
Kuskokwim Bay	Kuskokwim R.	5,253	3,073	7,808	0.00	5,278	1,480	0.9	0.4	2.1	1.1	0.5
	Kanektok	100,771	93,750	106,859	0.00	100,184	3,991	18.6	15.4	21.5	18.5	1.9
	Goodnews	25,623	23,258	27,690	0.00	25,465	1,349	5.9	4.2	7.6	5.9	1.1
Bristol Bay	Togiak	14,015	11,611	17,041	0.00	14,084	1,673	1.4	1.1	1.7	1.4	0.2
	Igushik	441	0	995	0.12	439	325	0.1	0.0	0.1	0.1	0.0
	Wood	3,054	1,966	4,416	0.00	3,092	749	0.0	0.0	0.1	0.0	0.0
	Nushagak	3,652	2,170	6,750	0.00	4,011	1,479	0.1	0.1	0.3	0.2	0.1
	Kvichak	65	0	276	0.19	89	95	0.0	0.0	0.0	0.0	0.0
	Alagnak	0	0	82	0.69	13	41	0.0	0.0	0.0	0.0	0.0
	Naknek	277	96	559	0.00	294	143	0.0	0.0	0.0	0.0	0.0
	Egegik	62	0	223	0.06	81	76	0.0	0.0	0.0	0.0	0.0
	Ugashik	0	0	38	0.74	7	30	0.0	0.0	0.0	0.0	0.0
North Peninsula	Cinder	0	0	130	0.60	22	55	0.0	0.0	0.0	0.0	0.0
	Meshik	0	0	96	0.64	16	45	0.0	0.0	0.0	0.0	0.0
	Ilnik	0	0	165	0.60	28	65	0.0	0.0	0.1	0.0	0.0
	Sandy	0	0	45	0.73	8	30	0.0	0.0	0.1	0.0	0.0
	Bear	0	0	249	0.51	51	91	0.0	0.0	0.0	0.0	0.0
	Nelson	0	0	22	0.77	5	23	0.0	0.0	0.0	0.0	0.0
	NW Dist.-BH	0	0	36	0.75	7	29	0.0	0.0	0.0	0.0	0.0
South Peninsula		0	0	47	0.74	9	37	0.0	0.0	0.0	0.0	0.0
Chignik	Black Lake	0	0	39	0.74	7	27	0.0	0.0	0.0	0.0	0.0
	Chignik Lake	0	0	40	0.74	7	28	0.0	0.0	0.0	0.0	0.0
East of WASSIP		0	0	27	0.77	5	25	–	–	–	–	–
Total		153,282				153,309						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the fishery harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
Note: Harvest rates are calculated by dividing the harvest posterior by total run posterior distributions; therefore, mean harvest rate may not equal harvest rate calculated from numbers reported in the tables if distributions are highly skewed.
Note: Harvest rate for East of WASSIP not calculated because it was not part of WASSIP plan.
[a] Adjusted median; 1.01 times unadjusted median.

Appendix E21.–Kuskokwim Area, Arctic–Yukon–Kuskokwim Region, 2008, all strata. Subregional reporting group-specific harvest and harvest rate estimates. Medians, 90% credibility intervals, the probability that reporting group harvest estimate is equal to zero ($P = 0$), means, and SDs are reported.

Reporting Group		Harvest = 96,980; 6 strata						Harvest Rate (%)				
			90% CI						90% CI			
Regional	Subregional	Median[a]	5%	95%	$P = 0$	Mean	SD	Median	5%	95%	Mean	SD
Norton Sound		93	6	495	0.00	149	166	0.3	0.0	1.7	0.5	0.6
Kuskokwim Bay	Kuskokwim R.	237	50	966	0.00	322	297	0.0	0.0	0.2	0.1	0.1
	Kanektok	69,200	65,234	72,683	0.00	68,910	2,265	26.8	22.0	32.2	26.9	3.1
	Goodnews	15,578	14,196	16,877	0.00	15,519	817	4.3	3.1	5.7	4.3	0.8
Bristol Bay	Togiak	8,231	7,125	9,347	0.00	8,206	675	1.1	0.9	1.3	1.1	0.1
	Igushik	414	0	1,166	0.08	471	363	0.0	0.0	0.1	0.0	0.0
	Wood	1,743	1,050	2,546	0.00	1,756	456	0.0	0.0	0.0	0.0	0.0
	Nushagak	1,236	838	1,857	0.00	1,273	321	0.1	0.0	0.1	0.1	0.0
	Kvichak	34	0	166	0.22	52	62	0.0	0.0	0.0	0.0	0.0
	Alagnak	0	0	39	0.71	6	23	0.0	0.0	0.0	0.0	0.0
	Naknek	174	58	355	0.00	185	92	0.0	0.0	0.0	0.0	0.0
	Egegik	40	0	143	0.06	52	47	0.0	0.0	0.0	0.0	0.0
	Ugashik	0	0	23	0.75	4	16	0.0	0.0	0.0	0.0	0.0
North Peninsula	Cinder	0	0	97	0.57	18	52	0.0	0.0	0.0	0.0	0.0
	Meshik	0	0	66	0.63	12	33	0.0	0.0	0.0	0.0	0.0
	Ilnik	0	0	80	0.65	12	33	0.0	0.0	0.1	0.0	0.0
	Sandy	0	0	21	0.75	4	15	0.0	0.0	0.1	0.0	0.0
	Bear	0	0	21	0.75	4	16	0.0	0.0	0.0	0.0	0.0
	Nelson	0	0	14	0.77	3	13	0.0	0.0	0.0	0.0	0.0
	NW Dist.-BH	0	0	22	0.75	4	18	0.0	0.0	0.0	0.0	0.0
South Peninsula		0	0	103	0.70	15	51	0.0	0.0	0.1	0.0	0.0
Chignik	Black Lake	0	0	19	0.76	3	15	0.0	0.0	0.0	0.0	0.0
	Chignik Lake	0	0	19	0.76	3	14	0.0	0.0	0.0	0.0	0.0
East of WASSIP		0	0	21	0.75	4	16	–	–	–	–	–
Total		96,980				96,987						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the fishery harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
Note: Harvest rates are calculated by dividing the harvest posterior by total run posterior distributions; therefore, mean harvest rate may not equal harvest rate calculated from numbers reported in the tables if distributions are highly skewed.
Note: Harvest rate for East of WASSIP not calculated because it was not part of WASSIP plan.
[a] Adjusted median; 1.00 times unadjusted median.

APPENDIX F: ESTIMATED ANNUAL HARVEST AND HARVEST RATE FOR SOCKEYE SALMON SUBREGIONAL REPORTING GROUPS BY AREA STRATUM

IN WHAT FINE-SCALE FISHERY WAS A GIVEN STOCK HARVESTED?

Appendix F1.–Norton Sound subregional reporting group, 2006, all strata. Reporting group-specific harvest and harvest rate estimates by area stratum. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

			Harvest				Harvest Rate (%)		
				90% CI				90% CI	
Region	Fishery	Area stratum	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Westward	Chignik Area	Central	0	0	12	0.84	0.0	0.0	0.0
		Chignik Bay	0	0	206	0.68	0.0	0.0	0.3
		Western and Perryville	0	0	6	0.91	0.0	0.0	0.0
	SEDM	E. Step., Step. Flats	0	0	13	0.89	0.0	0.0	0.0
		Northwest Stepovak	0	0	0	0.97	0.0	0.0	0.0
		SW Step., Balboa, Beaver	0	0	7	0.90	0.0	0.0	0.0
	S. AK Pen June	Shumagin Islands	0	0	129	0.81	0.0	0.0	0.2
		Dolgoi Island	0	0	308	0.73	0.0	0.0	0.4
		Ikatan	0	0	268	0.78	0.0	0.0	0.3
		Unimak	0	0	22	0.83	0.0	0.0	0.0
	S. AK Pen post-June	Shumagin Islands	0	0	1,151	0.56	0.0	0.0	1.5
		Dolgoi Island	0	0	2	0.94	0.0	0.0	0.0
		Ikatan	0	0	4	0.91	0.0	0.0	0.0
	N. AK Pen	Bear River	0	0	949	0.74	0.0	0.0	1.2
		Three Hills	0	0	31	0.88	0.0	0.0	0.0
		Ilnik southern	0	0	1,305	0.76	0.0	0.0	1.7
		Ilnik northern	0	0	326	0.79	0.0	0.0	0.4
		Outer Port Heiden	0[b]	0	0	1.00	0.0	0.0	0.0
Central	Bristol Bay	Ugashik	0	0	1,926	0.64	0.0	0.0	2.5
		Egegik	0	0	1,255	0.67	0.0	0.0	1.6
		Naknek-Kvichak	0	0	4,898	0.54	0.0	0.0	6.0
		Nushagak	0	0	2,493	0.61	0.0	0.0	3.2
		Togiak	0	0	330	0.62	0.0	0.0	0.4
AYK	Kuskokwim Area	District 5	43	3	247	0.01	0.1	0.0	0.3
		District 4	0	0	110	0.82	0.0	0.0	0.1
Total			43						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
[a] Adjusted median. Adjustment values vary by area stratum (see area stratum harvest and harvest rate Appendix Dfor values).
[b] Outer Port Heiden Section closed entire 2006 fishing season.

Appendix F2.–Norton Sound subregional reporting group, 2007, all strata. Reporting group-specific harvest and harvest rate estimates by area stratum. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

			Harvest				Harvest Rate (%)		
				90% CI				90% CI	
Region	Fishery	Area stratum	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Westward	Chignik Area	Central	0	0	30	0.81	0.0	0.0	0.0
		Chignik Bay	0	0	94	0.71	0.0	0.0	0.1
		Western and Perryville	0	0	32	0.88	0.0	0.0	0.0
	SEDM	E. Step., Step. Flats	0	0	1	0.95	0.0	0.0	0.0
		Northwest Stepovak	0	0	0	1.00	0.0	0.0	0.0
		SW Step., Balboa, Beaver	0	0	2	0.94	0.0	0.0	0.0
	S. AK Pen June	Shumagin Islands	0	0	279	0.79	0.0	0.0	0.4
		Dolgoi Island	0	0	134	0.67	0.0	0.0	0.2
		Ikatan	0	0	1,598	0.53	0.0	0.0	2.3
		Unimak	0	0	79	0.82	0.0	0.0	0.1
	S. AK Pen post-June	Shumagin Islands	0	0	55	0.79	0.0	0.0	0.1
		Dolgoi Island	0	0	8	0.90	0.0	0.0	0.0
		Ikatan	0	0	1	0.94	0.0	0.0	0.0
	N. AK Pen	Bear River	0	0	482	0.73	0.0	0.0	0.7
		Three Hills	0	0	1	0.94	0.0	0.0	0.0
		Ilnik southern	0	0	133	0.81	0.0	0.0	0.2
		Ilnik northern	760	0	2,409	0.09	1.1	0.0	3.6
		Outer Port Heiden	0	0	1,001	0.76	0.0	0.0	1.4
Central	Bristol Bay	Ugashik	0	0	927	0.65	0.0	0.0	1.4
		Egegik	0	0	1,741	0.65	0.0	0.0	2.5
		Naknek-Kvichak	0	0	3,548	0.64	0.0	0.0	5.0
		Nushagak	0	0	24,910	0.56	0.0	0.0	27.9
		Togiak	0	0	375	0.69	0.0	0.0	0.6
AYK	Kuskokwim Area	District 5	66	4	318	0.01	0.1	0.0	0.5
		District 4	0	0	16	0.86	0.0	0.0	0.0
Total			826						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
[a] Adjusted median. Adjustment values vary by area stratum (see area stratum harvest and harvest rate Appendix Dfor values).

Appendix F3.–Norton Sound subregional reporting group, 2008, all strata. Reporting group-specific harvest and harvest rate estimates by area stratum. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

			Harvest				Harvest Rate (%)		
				90% CI				90% CI	
Region	Fishery	Area stratum	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Westward	Chignik Area	Central	0	0	20	0.83	0.0	0.0	0.1
		Chignik Bay	0	0	49	0.77	0.0	0.0	0.2
		Western and Perryville	0	0	13	0.87	0.0	0.0	0.0
	SEDM	E. Step., Step. Flats	0	0	1	0.95	0.0	0.0	0.0
		Northwest Stepovak	0	0	6	0.88	0.0	0.0	0.0
		SW Step., Balboa, Beaver	0	0	1	0.95	0.0	0.0	0.0
	S. AK Pen June	Shumagin Islands	0	0	46	0.87	0.0	0.0	0.2
		Dolgoi Island	0	0	3	0.91	0.0	0.0	0.0
		Ikatan	0	0	45	0.87	0.0	0.0	0.1
		Unimak	0	0	103	0.81	0.0	0.0	0.3
	S. AK Pen post-June	Shumagin Islands	14	0	1,230	0.44	0.0	0.0	4.0
		Dolgoi Island	0	0	71	0.85	0.0	0.0	0.2
		Ikatan	0	0	1	0.94	0.0	0.0	0.0
	N. AK Pen	Bear River	0	0	0	1.00	0.0	0.0	0.0
		Three Hills	0	0	0	1.00	0.0	0.0	0.0
		Ilnik southern	0	0	36	0.87	0.0	0.0	0.1
		Ilnik northern	0	0	57	0.86	0.0	0.0	0.2
		Outer Port Heiden	0	0	84	0.82	0.0	0.0	0.3
Central	Bristol Bay	Ugashik	0	0	693	0.68	0.0	0.0	2.3
		Egegik	0	0	3,715	0.63	0.0	0.0	11.1
		Naknek-Kvichak	0	0	4,156	0.58	0.0	0.0	12.5
		Nushagak	0	0	6,875	0.61	0.0	0.0	19.1
		Togiak	0	0	151	0.72	0.0	0.0	0.5
AYK	Kuskokwim Area	District 5	45	3	212	0.01	0.2	0.0	0.7
		District 4	0	0	419	0.53	0.0	0.0	1.4
Total			59						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
[a] Adjusted median. Adjustment values vary by area stratum (see area stratum harvest and harvest rate Appendix Dfor values).

Appendix F4.–Kuskokwim River subregional reporting group, 2006, all strata. Reporting group-specific harvest and harvest rate estimates by area stratum. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

			Harvest				Harvest Rate (%)		
				90% CI				90% CI	
Region	Fishery	Area stratum	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Westward	Chignik Area	Central	0	0	12	0.85	0.0	0.0	0.0
		Chignik Bay	0	0	95	0.71	0.0	0.0	0.0
		Western and Perryville	0	0	5	0.91	0.0	0.0	0.0
	SEDM	E. Step., Step. Flats	0	0	21	0.88	0.0	0.0	0.0
		Northwest Stepovak	0	0	0	0.97	0.0	0.0	0.0
		SW Step., Balboa, Beaver	25	0	189	0.28	0.0	0.0	0.0
	S. AK Pen June	Shumagin Islands	140	0	4,987	0.42	0.0	0.0	0.5
		Dolgoi Island	0	0	117	0.80	0.0	0.0	0.0
		Ikatan	0	0	343	0.57	0.0	0.0	0.0
		Unimak	0	0	552	0.67	0.0	0.0	0.1
	S. AK Pen post-June	Shumagin Islands	10	0	1,537	0.39	0.0	0.0	0.1
		Dolgoi Island	0	0	2	0.94	0.0	0.0	0.0
		Ikatan	0	0	37	0.83	0.0	0.0	0.0
	N. AK Pen	Bear River	0	0	214	0.56	0.0	0.0	0.0
		Three Hills	0	0	23	0.88	0.0	0.0	0.0
		Ilnik southern	14	0	464	0.42	0.0	0.0	0.0
		Ilnik northern	0	0	108	0.81	0.0	0.0	0.0
		Outer Port Heiden	0[b]	0	0	1.00	0.0	0.0	0.0
Central	Bristol Bay	Ugashik	3,285	0	10,175	0.06	0.3	0.0	1.0
		Egegik	0	0	1,181	0.67	0.0	0.0	0.1
		Naknek-Kvichak	13	0	9,433	0.40	0.0	0.0	0.9
		Nushagak	280,661[c]	153,802	460,859	0.00	26.7	16.6	37.9
		Togiak	152	0	6,137	0.27	0.0	0.0	0.6
AYK	Kuskokwim Area	District 5	392	86	1,114	0.00	0.0	0.0	0.1
		District 4	0	0	138	0.52	0.0	0.0	0.0
Total			284,692						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.

Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.

[a] Adjusted median. Adjustment values vary by area stratum (see area stratum harvest and harvest rate Appendix Dfor values).

[b] Outer Port Heiden Section closed entire 2006 fishing season.

[c] Baseline evaluation tests suggest misallocations among reporting groups with sea/river-type sockeye salmon. Biases toward lower-represented reporting groups are likely between Kuskokwim R., Kanektok, Goodnews, Togiak, and Nushagak reporting groups.

Appendix F5.–Kuskokwim River subregional reporting group, 2007, all strata. Reporting group-specific harvest and harvest rate estimates by area stratum. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

			Harvest				Harvest Rate (%)		
				90% CI				90% CI	
Region	Fishery	Area stratum	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Westward	Chignik Area	Central	0	0	14	0.84	0.0	0.0	0.0
		Chignik Bay	0	0	61	0.73	0.0	0.0	0.0
		Western and Perryville	0	0	170	0.84	0.0	0.0	0.0
	SEDM	E. Step., Step. Flats	0	0	1	0.95	0.0	0.0	0.0
		Northwest Stepovak	0	0	0	1.00	0.0	0.0	0.0
		SW Step., Balboa, Beaver	0	0	1	0.95	0.0	0.0	0.0
	S. AK Pen June	Shumagin Islands	638	0	3,158	0.11	0.1	0.0	0.7
		Dolgoi Island	0	0	100	0.79	0.0	0.0	0.0
		Ikatan	0	0	677	0.54	0.0	0.0	0.1
		Unimak	74	0	10,870	0.41	0.0	0.0	2.3
	S. AK Pen post-June	Shumagin Islands	6,079	2,845	9,944	0.00	1.1	0.4	2.6
		Dolgoi Island	0	0	8	0.90	0.0	0.0	0.0
		Ikatan	0	0	0	0.95	0.0	0.0	0.0
	N. AK Pen	Bear River	192	0	907	0.08	0.0	0.0	0.2
		Three Hills	0	0	1	0.94	0.0	0.0	0.0
		Ilnik southern	0	0	683	0.76	0.0	0.0	0.1
		Ilnik northern	456	0	2,761	0.30	0.1	0.0	0.6
		Outer Port Heiden	163	0	1,576	0.27	0.0	0.0	0.3
Central	Bristol Bay	Ugashik	0	0	669	0.66	0.0	0.0	0.1
		Egegik	847	0	33,187	0.35	0.2	0.0	6.9
		Naknek-Kvichak	0	0	4,174	0.63	0.0	0.0	0.8
		Nushagak	9,033[b]	1,727	65,301	0.00	1.7	0.3	11.7
		Togiak	909	0	5,372	0.24	0.2	0.0	1.2
AYK	Kuskokwim Area	District 5	0	0	416	0.62	0.0	0.0	0.1
		District 4	5,235	3,031	7,724	0.00	0.9	0.4	2.1
Total			23,626						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.

Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.

[a] Adjusted median. Adjustment values vary by area stratum (see area stratum harvest and harvest rate Appendix Dfor values).

[b] Baseline evaluation tests suggest misallocations among reporting groups with sea/river-type sockeye salmon. Biases toward lower-represented reporting groups are likely between Kuskokwim R., Kanektok, Goodnews, Togiak, and Nushagak reporting groups.

Appendix F6.–Kuskokwim River subregional reporting group, 2008, all strata. Reporting group-specific harvest and harvest rate estimates by area stratum. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

			Harvest				Harvest Rate (%)		
				90% CI				90% CI	
Region	Fishery	Area stratum	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Westward	Chignik Area	Central	0	0	12	0.85	0.0	0.0	0.0
		Chignik Bay	0	0	51	0.77	0.0	0.0	0.0
		Western and Perryville	378	94	1,033	0.00	0.1	0.0	0.2
	SEDM	E. Step., Step. Flats	0	0	1	0.95	0.0	0.0	0.0
		Northwest Stepovak	0	0	5	0.89	0.0	0.0	0.0
		SW Step., Balboa, Beaver	0	0	1	0.95	0.0	0.0	0.0
	S. AK Pen June	Shumagin Islands	631	48	2,767	0.00	0.1	0.0	0.5
		Dolgoi Island	4	0	44	0.06	0.0	0.0	0.0
		Ikatan	0	0	69	0.86	0.0	0.0	0.0
		Unimak	1,073	350	3,048	0.00	0.2	0.0	0.6
	S. AK Pen post-June	Shumagin Islands	1,712	670	2,949	0.00	0.3	0.1	0.6
		Dolgoi Island	0	0	179	0.65	0.0	0.0	0.0
		Ikatan	0	0	140	0.85	0.0	0.0	0.0
	N. AK Pen	Bear River	0	0	0	1.00	0.0	0.0	0.0
		Three Hills	0	0	0	1.00	0.0	0.0	0.0
		Ilnik southern	3,421	1,043	6,514	0.02	0.5	0.1	1.4
		Ilnik northern	0	0	2,065	0.77	0.0	0.0	0.3
		Outer Port Heiden	0	0	279	0.76	0.0	0.0	0.0
Central	Bristol Bay	Ugashik	0	0	496	0.68	0.0	0.0	0.1
		Egegik	0	0	5,396	0.56	0.0	0.0	0.9
		Naknek-Kvichak	5,226	0	23,903	0.25	0.7	0.0	4.5
		Nushagak	1,784[b]	0	38,879	0.31	0.3	0.0	6.5
		Togiak	142	11	681	0.00	0.0	0.0	0.1
AYK	Kuskokwim Area	District 5	144	30	377	0.00	0.0	0.0	0.1
		District 4	34	0	801	0.19	0.0	0.0	0.1
Total			14,549						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.

Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.

[a] Adjusted median. Adjustment values vary by area stratum (see area stratum harvest and harvest rate Appendix Dfor values).

[b] Baseline evaluation tests suggest misallocations among reporting groups with sea/river-type sockeye salmon. Biases toward lower-represented reporting groups are likely between Kuskokwim R., Kanektok, Goodnews, Togiak, and Nushagak reporting groups.

Appendix F7.–Kanektok subregional reporting group, 2006, all strata. Reporting group-specific harvest and harvest rate estimates by area stratum. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

			Harvest				Harvest Rate (%)		
				90% CI				90% CI	
Region	Fishery	Area stratum	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Westward	Chignik Area	Central	0	0	16	0.84	0.0	0.0	0.0
		Chignik Bay	0	0	109	0.71	0.0	0.0	0.0
		Western and Perryville	0	0	7	0.90	0.0	0.0	0.0
	SEDM	E. Step., Step. Flats	0	0	171	0.83	0.0	0.0	0.0
		Northwest Stepovak	0	0	0	0.96	0.0	0.0	0.0
		SW Step., Balboa, Beaver	0	0	8	0.90	0.0	0.0	0.0
	S. AK Pen June	Shumagin Islands	197	0	1,951	0.33	0.0	0.0	0.5
		Dolgoi Island	0	0	740	0.61	0.0	0.0	0.2
		Ikatan	16	0	65	0.11	0.0	0.0	0.0
		Unimak	32	14	443	0.00	0.0	0.0	0.1
	S. AK Pen post-June	Shumagin Islands	76	0	634	0.06	0.0	0.0	0.1
		Dolgoi Island	0	0	2	0.94	0.0	0.0	0.0
		Ikatan	40	2	106	0.05	0.0	0.0	0.0
	N. AK Pen	Bear River	0	0	142	0.79	0.0	0.0	0.0
		Three Hills	0	0	23	0.88	0.0	0.0	0.0
		Ilnik southern	4	0	11,996	0.47	0.0	0.0	2.7
		Ilnik northern	0	0	1,046	0.70	0.0	0.0	0.2
		Outer Port Heiden	0[b]	0	0	1.00	0.0	0.0	0.0
Central	Bristol Bay	Ugashik	0	0	10,150	0.52	0.0	0.0	2.3
		Egegik	9,002	0	27,336	0.17	1.8	0.0	6.7
		Naknek-Kvichak	0	0	3,300	0.55	0.0	0.0	0.7
		Nushagak	2,334[c]	0	16,119	0.20	0.5	0.0	3.8
		Togiak	1,993	0	5,222	0.08	0.4	0.0	1.3
AYK	Kuskokwim Area	District 5	1,079	771	1,491	0.00	0.2	0.1	0.4
		District 4	102,051	95,633	106,905	0.00	22.4	11.6	37.9
Total			116,824						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.

Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.

[a] Adjusted median. Adjustment values vary by area stratum (see area stratum harvest and harvest rate Appendix Dfor values).

[b] Outer Port Heiden Section closed entire 2006 fishing season.

[c] Baseline evaluation tests suggest misallocations among reporting groups with sea/river-type sockeye salmon. Biases toward lower-represented reporting groups are likely between Kuskokwim R., Kanektok, Goodnews, Togiak, and Nushagak reporting groups.

Appendix F8.–Kanektok subregional reporting group, 2007, all strata. Reporting group-specific harvest and harvest rate estimates by area stratum. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

			Harvest				Harvest Rate (%)		
				90% CI				90% CI	
Region	Fishery	Area stratum	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Westward	Chignik Area	Central	0	0	32	0.80	0.0	0.0	0.0
		Chignik Bay	0	0	72	0.72	0.0	0.0	0.0
		Western and Perryville	0	0	487	0.79	0.0	0.0	0.1
	SEDM	E. Step., Step. Flats	0	0	1	0.95	0.0	0.0	0.0
		Northwest Stepovak	0	0	0	1.00	0.0	0.0	0.0
		SW Step., Balboa, Beaver	0	0	3	0.93	0.0	0.0	0.0
	S. AK Pen June	Shumagin Islands	6,074	2,252	13,582	0.00	1.1	0.4	2.5
		Dolgoi Island	327	92	768	0.00	0.1	0.0	0.1
		Ikatan	1,590	186	4,459	0.00	0.3	0.0	0.8
		Unimak	1,761	476	4,717	0.00	0.3	0.1	0.9
	S. AK Pen post-June	Shumagin Islands	2,169	823	5,014	0.00	0.4	0.2	0.9
		Dolgoi Island	0	0	1,153	0.56	0.0	0.0	0.2
		Ikatan	154	6	403	0.05	0.0	0.0	0.1
	N. AK Pen	Bear River	0	0	513	0.82	0.0	0.0	0.1
		Three Hills	0	0	5	0.93	0.0	0.0	0.0
		Ilnik southern	0	0	4,606	0.65	0.0	0.0	0.8
		Ilnik northern	6,980	0	18,327	0.27	1.3	0.0	3.4
		Outer Port Heiden	0	0	1,285	0.53	0.0	0.0	0.2
Central	Bristol Bay	Ugashik	0	0	766	0.68	0.0	0.0	0.1
		Egegik	0	0	14,218	0.56	0.0	0.0	2.6
		Naknek-Kvichak	1,618	0	84,703	0.34	0.3	0.0	14.2
		Nushagak	56,186[b]	8,103	145,664	0.00	10.6	1.6	23.5
		Togiak	458	14	2,078	0.04	0.1	0.0	0.4
AYK	Kuskokwim Area	District 5	1,626	1,162	2,233	0.00	0.3	0.2	0.4
		District 4	99,962	92,145	105,181	0.00	18.3	15.1	21.2
Total			178,905						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.

Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.

[a] Adjusted median. Adjustment values vary by area stratum (see area stratum harvest and harvest rate Appendix Dfor values).

[b] Baseline evaluation tests suggest misallocations among reporting groups with sea/river-type sockeye salmon. Biases toward lower-represented reporting groups are likely between Kuskokwim R., Kanektok, Goodnews, Togiak, and Nushagak reporting groups.

Appendix F9.–Kanektok subregional reporting group, 2008, all strata. Reporting group-specific harvest and harvest rate estimates by area stratum. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

			Harvest				Harvest Rate (%)		
				90% CI				90% CI	
Region	Fishery	Area stratum	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Westward	Chignik Area	Central	0	0	74	0.50	0.0	0.0	0.0
		Chignik Bay	0	0	124	0.72	0.0	0.0	0.0
		Western and Perryville	0	0	77	0.80	0.0	0.0	0.0
	SEDM	E. Step., Step. Flats	0	0	46	0.90	0.0	0.0	0.0
		Northwest Stepovak	0	0	13	0.86	0.0	0.0	0.0
		SW Step., Balboa, Beaver	86	6	367	0.01	0.0	0.0	0.1
	S. AK Pen June	Shumagin Islands	6,791	0	19,413	0.35	2.6	0.0	7.3
		Dolgoi Island	0	0	544	0.51	0.0	0.0	0.2
		Ikatan	1,330	189	3,580	0.01	0.5	0.1	1.4
		Unimak	430	0	4,236	0.15	0.2	0.0	1.6
	S. AK Pen post-June	Shumagin Islands	0	0	1,020	0.58	0.0	0.0	0.4
		Dolgoi Island	0	0	288	0.81	0.0	0.0	0.1
		Ikatan	0	0	0	0.95	0.0	0.0	0.0
	N. AK Pen	Bear River	0	0	0	1.00	0.0	0.0	0.0
		Three Hills	0	0	0	1.00	0.0	0.0	0.0
		Ilnik southern	183	0	2,759	0.40	0.1	0.0	1.1
		Ilnik northern	0	0	2,328	0.69	0.0	0.0	0.9
		Outer Port Heiden	0	0	819	0.74	0.0	0.0	0.3
Central	Bristol Bay	Ugashik	8,180	0	34,058	0.14	3.2	0.0	12.3
		Egegik	0	0	8,387	0.53	0.0	0.0	3.2
		Naknek-Kvichak	2,681	0	18,839	0.21	1.0	0.0	7.1
		Nushagak	8,508[b]	0	30,009	0.14	3.3	0.0	11.0
		Togiak	1,494	488	3,382	0.00	0.6	0.2	1.3
AYK	Kuskokwim Area	District 5	1,082	773	1,484	0.00	0.4	0.3	0.6
		District 4	68,342	64,160	71,569	0.00	26.4	21.7	31.7
Total			99,107						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.

Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.

[a] Adjusted median. Adjustment values vary by area stratum (see area stratum harvest and harvest rate Appendix Dfor values).

[b] Baseline evaluation tests suggest misallocations among reporting groups with sea/river-type sockeye salmon. Biases toward lower-represented reporting groups are likely between Kuskokwim R., Kanektok, Goodnews, Togiak, and Nushagak reporting groups.

Appendix F10.–Goodnews subregional reporting group, 2006, all strata. Reporting group-specific harvest and harvest rate estimates by area stratum. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

			Harvest				Harvest Rate (%)		
				90% CI				90% CI	
Region	Fishery	Area stratum	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Westward	Chignik Area	Central	0	0	86	0.70	0.0	0.0	0.0
		Chignik Bay	0	0	105	0.71	0.0	0.0	0.0
		Western and Perryville	0	0	8	0.90	0.0	0.0	0.0
	SEDM	E. Step., Step. Flats	0	0	31	0.88	0.0	0.0	0.0
		Northwest Stepovak	42	0	119	0.10	0.0	0.0	0.0
		SW Step., Balboa, Beaver	0	0	12	0.89	0.0	0.0	0.0
	S. AK Pen June	Shumagin Islands	3,559	572	7,214	0.02	0.7	0.1	1.7
		Dolgoi Island	0	0	78	0.82	0.0	0.0	0.0
		Ikatan	0	0	243	0.52	0.0	0.0	0.1
		Unimak	174	19	1,038	0.01	0.0	0.0	0.2
	S. AK Pen post-June	Shumagin Islands	2	0	1,054	0.46	0.0	0.0	0.2
		Dolgoi Island	0	0	4	0.93	0.0	0.0	0.0
		Ikatan	0	0	215	0.64	0.0	0.0	0.0
	N. AK Pen	Bear River	0	0	583	0.74	0.0	0.0	0.1
		Three Hills	413	0	1,469	0.26	0.1	0.0	0.3
		Ilnik southern	7,404	0	16,018	0.09	1.5	0.0	3.7
		Ilnik northern	6,440	0	14,744	0.14	1.3	0.0	3.4
		Outer Port Heiden	0[b]	0	0	1.00	0.0	0.0	0.0
Central	Bristol Bay	Ugashik	3,684	0	12,627	0.08	0.7	0.0	2.8
		Egegik	0	0	7,226	0.53	0.0	0.0	1.5
		Naknek-Kvichak	0	0	2,674	0.55	0.0	0.0	0.6
		Nushagak	12,126	0	122,552	0.12	2.8	0.0	22.8
		Togiak	159,004[c]	119,839	195,343	0.00	33.1	19.7	49.3
AYK	Kuskokwim Area	District 5	18,016	16,273	19,355	0.00	3.8	2.3	5.6
		District 4	1,099	0	4,014	0.16	0.2	0.0	0.9
Total			211,963						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.

Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.

[a] Adjusted median. Adjustment values vary by area stratum (see area stratum harvest and harvest rate Appendix Dfor values).

[b] Outer Port Heiden Section closed entire 2006 fishing season.

[c] Baseline evaluation tests suggest misallocations among reporting groups with sea/river-type sockeye salmon. Biases toward lower-represented reporting groups are likely between Kuskokwim R., Kanektok, Goodnews, Togiak, and Nushagak reporting groups.

Appendix F11.–Goodnews subregional reporting group, 2007, all strata. Reporting group-specific harvest and harvest rate estimates by area stratum. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

			Harvest				Harvest Rate (%)		
				90% CI				90% CI	
Region	Fishery	Area stratum	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Westward	Chignik Area	Central	107	0	776	0.11	0.0	0.0	0.2
		Chignik Bay	0	0	67	0.73	0.0	0.0	0.0
		Western and Perryville	2,107	842	3,559	0.01	0.5	0.2	0.9
	SEDM	E. Step., Step. Flats	0	0	196	0.85	0.0	0.0	0.0
		Northwest Stepovak	1	0	3	0.29	0.0	0.0	0.0
		SW Step., Balboa, Beaver	0	0	6	0.93	0.0	0.0	0.0
	S. AK Pen June	Shumagin Islands	379	0	10,789	0.37	0.1	0.0	2.4
		Dolgoi Island	0	0	507	0.57	0.0	0.0	0.1
		Ikatan	3,182	1,226	5,372	0.00	0.7	0.3	1.3
		Unimak	7,895	718	14,760	0.00	1.7	0.2	3.5
	S. AK Pen post-June	Shumagin Islands	11,122	3,982	17,060	0.01	2.5	0.9	4.2
		Dolgoi Island	2,558	0	5,489	0.06	0.6	0.0	1.3
		Ikatan	0	0	808	0.66	0.0	0.0	0.2
	N. AK Pen	Bear River	216	0	1,541	0.37	0.0	0.0	0.4
		Three Hills	0	0	273	0.85	0.0	0.0	0.1
		Ilnik southern	0	0	5,740	0.56	0.0	0.0	1.3
		Ilnik northern	8,905	3,599	19,937	0.00	2.0	0.8	4.7
		Outer Port Heiden	8	0	7,297	0.46	0.0	0.0	1.7
Central	Bristol Bay	Ugashik	1,368	0	17,395	0.34	0.3	0.0	4.0
		Egegik	4,171	0	30,900	0.25	0.9	0.0	6.9
		Naknek-Kvichak	0	0	4,520	0.61	0.0	0.0	1.0
		Nushagak	32,800	537	76,525	0.03	7.4	0.1	16.6
		Togiak	179,154[b]	148,642	212,015	0.00	41.3	29.2	52.9
AYK	Kuskokwim Area	District 5	25,648	23,240	27,639	0.00	5.9	4.2	7.6
		District 4	0	0	111	0.77	0.0	0.0	0.0
Total			279,621						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.

Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.

[a] Adjusted median. Adjustment values vary by area stratum (see area stratum harvest and harvest rate Appendix Dfor values).

[b] Baseline evaluation tests suggest misallocations among reporting groups with sea/river-type sockeye salmon. Biases toward lower-represented reporting groups are likely between Kuskokwim R., Kanektok, Goodnews, Togiak, and Nushagak reporting groups.

Appendix F12.–Goodnews subregional reporting group, 2008, all strata. Reporting group-specific harvest and harvest rate estimates by area stratum. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

			Harvest				Harvest Rate (%)		
				90% CI				90% CI	
Region	Fishery	Area stratum	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Westward	Chignik Area	Central	17	1	138	0.04	0.0	0.0	0.0
		Chignik Bay	0	0	542	0.58	0.0	0.0	0.1
		Western and Perryville	794	434	1,403	0.00	0.2	0.1	0.4
	SEDM	E. Step., Step. Flats	138	0	987	0.44	0.0	0.0	0.3
		Northwest Stepovak	78	0	218	0.09	0.0	0.0	0.1
		SW Step., Balboa, Beaver	0	0	1	0.94	0.0	0.0	0.0
	S. AK Pen June	Shumagin Islands	16,586	9,410	26,933	0.00	4.5	2.4	7.9
		Dolgoi Island	0	0	240	0.55	0.0	0.0	0.1
		Ikatan	152	0	2,617	0.41	0.0	0.0	0.7
		Unimak	9,261	914	20,625	0.03	2.5	0.2	5.8
	S. AK Pen post-June	Shumagin Islands	0	0	1,243	0.60	0.0	0.0	0.3
		Dolgoi Island	100	0	672	0.40	0.0	0.0	0.2
		Ikatan	0	0	1	0.94	0.0	0.0	0.0
	N. AK Pen	Bear River	0	0	0	1.00	0.0	0.0	0.0
		Three Hills	0	0	0	1.00	0.0	0.0	0.0
		Ilnik southern	7,113	3,353	11,196	0.00	1.9	0.9	3.3
		Ilnik northern	4,011	0	9,832	0.15	1.1	0.0	2.8
		Outer Port Heiden	1,154	0	3,527	0.20	0.3	0.0	1.0
Central	Bristol Bay	Ugashik	852	0	19,150	0.29	0.2	0.0	5.2
		Egegik	11,738	0	32,599	0.18	3.1	0.0	8.9
		Naknek-Kvichak	5,115	0	45,458	0.23	1.4	0.0	11.6
		Nushagak	17,164	0	52,633	0.17	4.6	0.0	13.6
		Togiak	154,773[b]	122,836	213,477	0.00	43.9	30.6	57.4
AYK	Kuskokwim Area	District 5	15,623	14,183	16,844	0.00	4.3	3.0	5.7
		District 4	0	0	60	0.83	0.0	0.0	0.0
Total			244,669						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.

Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.

[a] Adjusted median. Adjustment values vary by area stratum (see area stratum harvest and harvest rate Appendix Dfor values).

[b] Baseline evaluation tests suggest misallocations among reporting groups with sea/river-type sockeye salmon. Biases toward lower-represented reporting groups are likely between Kuskokwim R., Kanektok, Goodnews, Togiak, and Nushagak reporting groups.

Appendix F13.–Togiak subregional reporting group, 2006, all strata. Reporting group-specific harvest and harvest rate estimates by area stratum. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

			Harvest				Harvest Rate (%)		
				90% CI				90% CI	
Region	Fishery	Area stratum	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Westward	Chignik Area	Central	46	0	219	0.08	0.0	0.0	0.0
		Chignik Bay	0	0	97	0.71	0.0	0.0	0.0
		Western and Perryville	0	0	6	0.91	0.0	0.0	0.0
	SEDM	E. Step., Step. Flats	0	0	15	0.89	0.0	0.0	0.0
		Northwest Stepovak	0	0	20	0.91	0.0	0.0	0.0
		SW Step., Balboa, Beaver	0	0	14	0.89	0.0	0.0	0.0
	S. AK Pen June	Shumagin Islands	1,129	49	3,826	0.02	0.1	0.0	0.5
		Dolgoi Island	0	0	78	0.82	0.0	0.0	0.0
		Ikatan	113	9	285	0.02	0.0	0.0	0.0
		Unimak	51	0	972	0.33	0.0	0.0	0.1
	S. AK Pen post-June	Shumagin Islands	3,498	1,916	5,586	0.00	0.4	0.2	0.7
		Dolgoi Island	0	0	128	0.89	0.0	0.0	0.0
		Ikatan	211	48	347	0.00	0.0	0.0	0.0
	N. AK Pen	Bear River	0	0	492	0.75	0.0	0.0	0.1
		Three Hills	0	0	2,132	0.55	0.0	0.0	0.3
		Ilnik southern	266	0	3,481	0.27	0.0	0.0	0.4
		Ilnik northern	867	128	11,412	0.00	0.1	0.0	1.4
		Outer Port Heiden	0[b]	0	0	1.00	0.0	0.0	0.0
Central	Bristol Bay	Ugashik	73	0	3,575	0.38	0.0	0.0	0.5
		Egegik	0	0	4,241	0.62	0.0	0.0	0.5
		Naknek-Kvichak	391	0	4,247	0.22	0.0	0.0	0.5
		Nushagak	578	0	12,818	0.33	0.1	0.0	1.6
		Togiak	454,709	411,310	493,864	0.00	57.2	54.0	60.1
AYK	Kuskokwim Area	District 5	8,332[c]	7,110	9,569	0.00	1.0	0.9	1.2
		District 4	0	0	2,179	0.66	0.0	0.0	0.3
Total			470,264						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.

Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.

[a] Adjusted median. Adjustment values vary by area stratum (see area stratum harvest and harvest rate Appendix Dfor values).

[b] Outer Port Heiden Section closed entire 2006 fishing season.

[c] Baseline evaluation tests suggest misallocations among reporting groups with sea/river-type sockeye salmon. Biases toward lower-represented reporting groups are likely between Kuskokwim R., Kanektok, Goodnews, Togiak, and Nushagak reporting groups.

Appendix F14.–Togiak subregional reporting group, 2007, all strata. Reporting group-specific harvest and harvest rate estimates by area stratum. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

			Harvest				Harvest Rate (%)		
				90% CI				90% CI	
Region	Fishery	Area stratum	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Westward	Chignik Area	Central	238	0	799	0.17	0.0	0.0	0.1
		Chignik Bay	0	0	64	0.73	0.0	0.0	0.0
		Western and Perryville	0	0	1,201	0.56	0.0	0.0	0.1
	SEDM	E. Step., Step. Flats	0	0	301	0.78	0.0	0.0	0.0
		Northwest Stepovak	0	0	0	0.95	0.0	0.0	0.0
		SW Step., Balboa, Beaver	0	0	3	0.93	0.0	0.0	0.0
	S. AK Pen June	Shumagin Islands	4,339	38	10,777	0.04	0.4	0.0	1.1
		Dolgoi Island	0	0	386	0.72	0.0	0.0	0.0
		Ikatan	726	0	2,625	0.16	0.1	0.0	0.3
		Unimak	2,985	0	6,189	0.06	0.3	0.0	0.6
	S. AK Pen post-June	Shumagin Islands	8,291	2,853	16,197	0.00	0.8	0.3	1.6
		Dolgoi Island	59	0	1,803	0.15	0.0	0.0	0.2
		Ikatan	655	0	1,145	0.07	0.1	0.0	0.1
	N. AK Pen	Bear River	0	0	1,192	0.51	0.0	0.0	0.1
		Three Hills	0	0	18	0.92	0.0	0.0	0.0
		Ilnik southern	3,050	0	6,598	0.09	0.3	0.0	0.7
		Ilnik northern	4,084	0	11,210	0.09	0.4	0.0	1.1
		Outer Port Heiden	4,111	0	6,815	0.08	0.4	0.0	0.7
Central	Bristol Bay	Ugashik	0	0	730	0.69	0.0	0.0	0.1
		Egegik	10,585	2,225	26,709	0.00	1.0	0.2	2.6
		Naknek-Kvichak	0	0	9,505	0.57	0.0	0.0	0.9
		Nushagak	43,659	28,324	69,321	0.00	4.3	2.9	6.7
		Togiak	635,119	590,355	675,090	0.00	62.8	59.9	65.4
AYK	Kuskokwim Area	District 5	13,108[b]	11,282	14,909	0.00	1.3	1.1	1.5
		District 4	340	0	3,356	0.42	0.0	0.0	0.3
Total			731,349						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.

Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.

[a] Adjusted median. Adjustment values vary by area stratum (see area stratum harvest and harvest rate Appendix Dfor values).

[b] Baseline evaluation tests suggest misallocations among reporting groups with sea/river-type sockeye salmon. Biases toward lower-represented reporting groups are likely between Kuskokwim R., Kanektok, Goodnews, Togiak, and Nushagak reporting groups.

Appendix F15.–Togiak subregional reporting group, 2008, all strata. Reporting group-specific harvest and harvest rate estimates by area stratum. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

			Harvest				Harvest Rate (%)		
				90% CI				90% CI	
Region	Fishery	Area stratum	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Westward	Chignik Area	Central	282	66	684	0.01	0.0	0.0	0.1
		Chignik Bay	0	0	159	0.70	0.0	0.0	0.0
		Western and Perryville	803	342	1,326	0.02	0.1	0.0	0.2
	SEDM	E. Step., Step. Flats	0	0	23	0.91	0.0	0.0	0.0
		Northwest Stepovak	0	0	48	0.83	0.0	0.0	0.0
		SW Step., Balboa, Beaver	0	0	2	0.94	0.0	0.0	0.0
	S. AK Pen June	Shumagin Islands	1,799	0	5,431	0.15	0.2	0.0	0.7
		Dolgoi Island	215	28	545	0.00	0.0	0.0	0.1
		Ikatan	0	0	1,060	0.57	0.0	0.0	0.1
		Unimak	753	43	7,353	0.03	0.1	0.0	1.0
	S. AK Pen post-June	Shumagin Islands	2,457	1,413	3,768	0.00	0.3	0.2	0.5
		Dolgoi Island	3	0	547	0.48	0.0	0.0	0.1
		Ikatan	155	50	313	0.01	0.0	0.0	0.0
	N. AK Pen	Bear River	0	0	0	1.00	0.0	0.0	0.0
		Three Hills	0	0	0	1.00	0.0	0.0	0.0
		Ilnik southern	0	0	1,124	0.81	0.0	0.0	0.1
		Ilnik northern	7,738	3,064	14,059	0.01	1.0	0.4	1.9
		Outer Port Heiden	3,317	2,172	5,408	0.00	0.4	0.3	0.7
Central	Bristol Bay	Ugashik	186	0	5,381	0.31	0.0	0.0	0.7
		Egegik	1,674	0	19,331	0.32	0.2	0.0	2.5
		Naknek-Kvichak	1,923	0	17,820	0.26	0.3	0.0	2.3
		Nushagak	23,873	5,368	43,237	0.01	3.1	0.7	5.6
		Togiak	491,172	428,286	527,728	0.00	64.1	60.1	67.4
AYK	Kuskokwim Area	District 5	8,257[b]	7,120	9,336	0.00	1.1	0.9	1.3
		District 4	0	0	22	0.85	0.0	0.0	0.0
Total			544,607						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.

Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.

[a] Adjusted median. Adjustment values vary by area stratum (see area stratum harvest and harvest rate Appendix Dfor values).

[b] Baseline evaluation tests suggest misallocations among reporting groups with sea/river-type sockeye salmon. Biases toward lower-represented reporting groups are likely between Kuskokwim R., Kanektok, Goodnews, Togiak, and Nushagak reporting groups.

Appendix F16.–Igushik subregional reporting group, 2006, all strata. Reporting group-specific harvest and harvest rate estimates by area stratum. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

			Harvest				Harvest Rate (%)		
				90% CI				90% CI	
Region	Fishery	Area stratum	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Westward	Chignik Area	Central	41	0	330	0.28	0.0	0.0	0.0
		Chignik Bay	0	0	724	0.55	0.0	0.0	0.1
		Western and Perryville	98	0	376	0.21	0.0	0.0	0.1
	SEDM	E. Step., Step. Flats	0	0	10	0.89	0.0	0.0	0.0
		Northwest Stepovak	0	0	0	0.95	0.0	0.0	0.0
		SW Step., Balboa, Beaver	0	0	149	0.74	0.0	0.0	0.0
	S. AK Pen June	Shumagin Islands	5,306	1,858	9,527	0.02	0.7	0.2	1.3
		Dolgoi Island	360	0	2,480	0.36	0.0	0.0	0.3
		Ikatan	363	0	754	0.17	0.0	0.0	0.1
		Unimak	5,798	1,210	10,401	0.00	0.8	0.2	1.4
	S. AK Pen post-June	Shumagin Islands	0	0	4,207	0.52	0.0	0.0	0.6
		Dolgoi Island	0	0	6	0.93	0.0	0.0	0.0
		Ikatan	0	0	73	0.71	0.0	0.0	0.0
	N. AK Pen	Bear River	994	31	2,631	0.03	0.1	0.0	0.4
		Three Hills	0	0	850	0.68	0.0	0.0	0.1
		Ilnik southern	2,953	493	8,773	0.01	0.4	0.1	1.2
		Ilnik northern	10,509	4,437	17,626	0.00	1.4	0.6	2.4
		Outer Port Heiden	0[b]	0	0	1.00	0.0	0.0	0.0
Central	Bristol Bay	Ugashik	97	0	8,150	0.38	0.0	0.0	1.1
		Egegik	1,370	0	39,389	0.34	0.2	0.0	5.2
		Naknek-Kvichak	3,656	0	28,866	0.22	0.5	0.0	3.8
		Nushagak	385,889	267,986	528,556	0.00	51.8	42.5	60.1
		Togiak	179	0	4,020	0.28	0.0	0.0	0.5
AYK	Kuskokwim Area	District 5	239	0	521	0.17	0.0	0.0	0.1
		District 4	0	0	255	0.78	0.0	0.0	0.0
Total			417,852						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
[a] Adjusted median. Adjustment values vary by area stratum (see area stratum harvest and harvest rate Appendix Dfor values).
[b] Outer Port Heiden Section closed entire 2006 fishing season.

Appendix F17.–Igushik subregional reporting group, 2007, all strata. Reporting group-specific harvest and harvest rate estimates by area stratum. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

			Harvest				Harvest Rate (%)		
				90% CI				90% CI	
Region	Fishery	Area stratum	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Westward	Chignik Area	Central	101	0	523	0.11	0.0	0.0	0.1
		Chignik Bay	0	0	229	0.63	0.0	0.0	0.0
		Western and Perryville	1,039	0	2,159	0.22	0.1	0.0	0.3
	SEDM	E. Step., Step. Flats	0	0	5	0.93	0.0	0.0	0.0
		Northwest Stepovak	0	0	0	0.99	0.0	0.0	0.0
		SW Step., Balboa, Beaver	0	0	2	0.94	0.0	0.0	0.0
	S. AK Pen June	Shumagin Islands	41,336	22,035	60,778	0.00	4.8	2.6	7.3
		Dolgoi Island	2,174	944	3,652	0.00	0.3	0.1	0.4
		Ikatan	9,537	5,569	14,184	0.00	1.1	0.6	1.7
		Unimak	10,532	4,178	23,139	0.00	1.2	0.5	2.8
	S. AK Pen post-June	Shumagin Islands	2,138	0	5,281	0.09	0.2	0.0	0.6
		Dolgoi Island	758	0	3,809	0.34	0.1	0.0	0.5
		Ikatan	0	0	107	0.87	0.0	0.0	0.0
	N. AK Pen	Bear River	0	0	1,024	0.66	0.0	0.0	0.1
		Three Hills	0	0	118	0.89	0.0	0.0	0.0
		Ilnik southern	28,679	14,461	45,957	0.00	3.3	1.7	5.5
		Ilnik northern	21,184	10,511	33,334	0.00	2.4	1.2	4.0
		Outer Port Heiden	1,843	0	7,456	0.14	0.2	0.0	0.9
Central	Bristol Bay	Ugashik	4,427	5	21,690	0.05	0.5	0.0	2.6
		Egegik	15,916	4,155	38,118	0.00	1.9	0.5	4.5
		Naknek-Kvichak	9,674	0	45,740	0.19	1.1	0.0	5.3
		Nushagak	273,641	135,000	430,585	0.00	32.0	18.8	43.0
		Togiak	0	0	1,436	0.56	0.0	0.0	0.2
AYK	Kuskokwim Area	District 5	401	0	874	0.16	0.0	0.0	0.1
		District 4	0	0	344	0.70	0.0	0.0	0.0
Total			423,380						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
[a] Adjusted median. Adjustment values vary by area stratum (see area stratum harvest and harvest rate Appendix Dfor values).

Appendix F18.–Igushik subregional reporting group, 2008, all strata. Reporting group-specific harvest and harvest rate estimates by area stratum. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

			Harvest				Harvest Rate (%)		
				90% CI				90% CI	
Region	Fishery	Area stratum	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Westward	Chignik Area	Central	0	0	186	0.52	0.0	0.0	0.0
		Chignik Bay	0	0	120	0.72	0.0	0.0	0.0
		Western and Perryville	640	180	1,178	0.03	0.0	0.0	0.1
	SEDM	E. Step., Step. Flats	0	0	306	0.81	0.0	0.0	0.0
		Northwest Stepovak	0	0	110	0.75	0.0	0.0	0.0
		SW Step., Balboa, Beaver	499	0	1,090	0.17	0.0	0.0	0.1
	S. AK Pen June	Shumagin Islands	31,658	13,780	49,344	0.00	1.8	0.8	2.9
		Dolgoi Island	1	0	500	0.49	0.0	0.0	0.0
		Ikatan	1,309	0	11,719	0.28	0.1	0.0	0.7
		Unimak	36,870	16,231	63,051	0.00	2.1	0.9	3.6
	S. AK Pen post-June	Shumagin Islands	92	0	1,335	0.38	0.0	0.0	0.1
		Dolgoi Island	53	0	432	0.29	0.0	0.0	0.0
		Ikatan	0	0	232	0.79	0.0	0.0	0.0
	N. AK Pen	Bear River	0	0	0	1.00	0.0	0.0	0.0
		Three Hills	0	0	0	1.00	0.0	0.0	0.0
		Ilnik southern	18,350	12,059	24,747	0.00	1.1	0.7	1.5
		Ilnik northern	40,924	25,223	57,221	0.00	2.3	1.5	3.3
		Outer Port Heiden	16,423	11,119	22,393	0.00	0.9	0.6	1.3
Central	Bristol Bay	Ugashik	1,249	0	6,223	0.12	0.1	0.0	0.4
		Egegik	33,169	9,785	58,607	0.01	1.9	0.6	3.4
		Naknek-Kvichak	7,273	0	37,598	0.10	0.4	0.0	2.2
		Nushagak	466,590	347,857	603,095	0.00	27.0	21.5	32.8
		Togiak	205	0	1,440	0.29	0.0	0.0	0.1
AYK	Kuskokwim Area	District 5	268	0	582	0.16	0.0	0.0	0.0
		District 4	67	0	818	0.41	0.0	0.0	0.0
Total			655,640						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
[a] Adjusted median. Adjustment values vary by area stratum (see area stratum harvest and harvest rate Appendix Dfor values).

Appendix F19.–Wood subregional reporting group, 2006, all strata. Reporting group-specific harvest and harvest rate estimates by area stratum. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

			Harvest				Harvest Rate (%)		
				90% CI				90% CI	
Region	Fishery	Area stratum	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Westward	Chignik Area	Central	35	0	315	0.30	0.0	0.0	0.0
		Chignik Bay	0	0	349	0.65	0.0	0.0	0.0
		Western and Perryville	0	0	45	0.87	0.0	0.0	0.0
	SEDM	E. Step., Step. Flats	0	0	9	0.90	0.0	0.0	0.0
		Northwest Stepovak	0	0	0	0.97	0.0	0.0	0.0
		SW Step., Balboa, Beaver	0	0	36	0.86	0.0	0.0	0.0
	S. AK Pen June	Shumagin Islands	65,877	56,520	74,371	0.00	0.5	0.5	0.6
		Dolgoi Island	5,295	3,291	7,689	0.00	0.0	0.0	0.1
		Ikatan	8,209	7,005	9,244	0.00	0.1	0.1	0.1
		Unimak	47,560	39,919	54,495	0.00	0.4	0.3	0.4
	S. AK Pen post-June	Shumagin Islands	6,679	2,885	9,487	0.00	0.1	0.0	0.1
		Dolgoi Island	0	0	2	0.94	0.0	0.0	0.0
		Ikatan	243	151	349	0.00	0.0	0.0	0.0
	N. AK Pen	Bear River	0	0	867	0.64	0.0	0.0	0.0
		Three Hills	578	0	1,854	0.10	0.0	0.0	0.0
		Ilnik southern	51,907	40,202	63,885	0.00	0.4	0.3	0.5
		Ilnik northern	23,696	17,245	30,773	0.00	0.2	0.1	0.2
		Outer Port Heiden	0[b]	0	0	1.00	0.0	0.0	0.0
Central	Bristol Bay	Ugashik	22,718	12,111	39,380	0.00	0.2	0.1	0.3
		Egegik	16,224	0	46,250	0.08	0.1	0.0	0.4
		Naknek-Kvichak	46,016	26,203	71,135	0.00	0.4	0.2	0.6
		Nushagak	8,160,138	7,704,626	8,541,615	0.00	65.3	63.2	67.4
		Togiak	8,069	4,629	12,562	0.00	0.1	0.0	0.1
AYK	Kuskokwim Area	District 5	471	208	905	0.00	0.0	0.0	0.0
		District 4	712	282	1,420	0.00	0.0	0.0	0.0
Total			8,464,427						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
[a] Adjusted median. Adjustment values vary by area stratum (see area stratum harvest and harvest rate Appendix Dfor values).
[b] Outer Port Heiden Section closed entire 2006 fishing season.

Appendix F20.–Wood subregional reporting group, 2007, all strata. Reporting group-specific harvest and harvest rate estimates by area stratum. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

			Harvest				Harvest Rate (%)		
				90% CI				90% CI	
Region	Fishery	Area stratum	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Westward	Chignik Area	Central	575	262	1,059	0.00	0.0	0.0	0.0
		Chignik Bay	153	0	529	0.06	0.0	0.0	0.0
		Western and Perryville	654	0	2,030	0.06	0.0	0.0	0.0
	SEDM	E. Step., Step. Flats	0	0	2	0.94	0.0	0.0	0.0
		Northwest Stepovak	0	0	0	1.00	0.0	0.0	0.0
		SW Step., Balboa, Beaver	0	0	1	0.94	0.0	0.0	0.0
	S. AK Pen June	Shumagin Islands	160,576	133,931	184,304	0.00	1.9	1.6	2.2
		Dolgoi Island	6,352	4,645	8,147	0.00	0.1	0.1	0.1
		Ikatan	45,121	38,409	50,589	0.00	0.5	0.5	0.6
		Unimak	142,844	121,748	158,768	0.00	1.7	1.5	1.9
	S. AK Pen post-June	Shumagin Islands	50,287	42,261	57,715	0.00	0.6	0.5	0.7
		Dolgoi Island	557	0	3,729	0.37	0.0	0.0	0.0
		Ikatan	271	75	574	0.01	0.0	0.0	0.0
	N. AK Pen	Bear River	503	18	1,708	0.03	0.0	0.0	0.0
		Three Hills	112	0	773	0.35	0.0	0.0	0.0
		Ilnik southern	126,223	102,485	150,152	0.00	1.5	1.2	1.8
		Ilnik northern	40,724	28,347	54,781	0.00	0.5	0.3	0.7
		Outer Port Heiden	32,976	25,413	40,050	0.00	0.4	0.3	0.5
Central	Bristol Bay	Ugashik	5,147	1,336	18,675	0.00	0.1	0.0	0.2
		Egegik	47,540	26,299	74,822	0.00	0.6	0.3	0.9
		Naknek-Kvichak	45,496	24,045	84,291	0.00	0.5	0.3	1.0
		Nushagak	6,070,728	5,717,567	6,365,771	0.00	73.0	71.3	74.5
		Togiak	1	0	867	0.46	0.0	0.0	0.0
AYK	Kuskokwim Area	District 5	664	284	1,388	0.00	0.0	0.0	0.0
		District 4	2,332	1,377	3,543	0.00	0.0	0.0	0.0
Total			6,779,836						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
[a] Adjusted median. Adjustment values vary by area stratum (see area stratum harvest and harvest rate Appendix Dfor values).

Appendix F21.–Wood subregional reporting group, 2008, all strata. Reporting group-specific harvest and harvest rate estimates by area stratum. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

			Harvest				Harvest Rate (%)		
				90% CI				90% CI	
Region	Fishery	Area stratum	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Westward	Chignik Area	Central	251	44	705	0.00	0.0	0.0	0.0
		Chignik Bay	51	0	445	0.28	0.0	0.0	0.0
		Western and Perryville	1,438	884	2,122	0.00	0.0	0.0	0.0
	SEDM	E. Step., Step. Flats	0	0	1	0.95	0.0	0.0	0.0
		Northwest Stepovak	0	0	113	0.71	0.0	0.0	0.0
		SW Step., Balboa, Beaver	0	0	587	0.77	0.0	0.0	0.0
	S. AK Pen June	Shumagin Islands	95,102	74,207	116,228	0.00	1.3	1.0	1.6
		Dolgoi Island	2,402	1,742	3,061	0.00	0.0	0.0	0.0
		Ikatan	34,922	24,475	42,004	0.00	0.5	0.3	0.6
		Unimak	148,342	112,963	182,067	0.00	2.0	1.5	2.5
	S. AK Pen post-June	Shumagin Islands	5,029	3,377	6,901	0.00	0.1	0.0	0.1
		Dolgoi Island	0	0	246	0.57	0.0	0.0	0.0
		Ikatan	651	381	945	0.00	0.0	0.0	0.0
	N. AK Pen	Bear River	0	0	0	1.00	0.0	0.0	0.0
		Three Hills	0	0	0	1.00	0.0	0.0	0.0
		Ilnik southern	39,824	32,133	47,895	0.00	0.5	0.4	0.7
		Ilnik northern	86,465	66,641	105,719	0.00	1.2	0.9	1.4
		Outer Port Heiden	27,954	21,299	34,719	0.00	0.4	0.3	0.5
Central	Bristol Bay	Ugashik	5,136	306	11,482	0.03	0.1	0.0	0.2
		Egegik	42,172	15,241	92,556	0.00	0.6	0.2	1.3
		Naknek-Kvichak	106,578	64,577	157,913	0.00	1.5	0.9	2.2
		Nushagak	5,004,680	4,717,157	5,245,841	0.00	68.1	66.2	70.0
		Togiak	3,033	1,229	5,687	0.00	0.0	0.0	0.1
AYK	Kuskokwim Area	District 5	429	185	913	0.00	0.0	0.0	0.0
		District 4	1,263	699	1,937	0.00	0.0	0.0	0.0
Total			5,605,722						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
[a] Adjusted median. Adjustment values vary by area stratum (see area stratum harvest and harvest rate Appendix Dfor values).

Appendix F22.–Nushagak subregional reporting group, 2006, all strata. Reporting group-specific harvest and harvest rate estimates by area stratum. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

			Harvest				Harvest Rate (%)		
				90% CI				90% CI	
Region	Fishery	Area stratum	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Westward	Chignik Area	Central	29	0	232	0.28	0.0	0.0	0.0
		Chignik Bay	383	0	1,501	0.20	0.0	0.0	0.1
		Western and Perryville	0	0	62	0.85	0.0	0.0	0.0
	SEDM	E. Step., Step. Flats	0	0	18	0.88	0.0	0.0	0.0
		Northwest Stepovak	0	0	7	0.92	0.0	0.0	0.0
		SW Step., Balboa, Beaver	0	0	16	0.89	0.0	0.0	0.0
	S. AK Pen June	Shumagin Islands	9,560	5,586	14,502	0.00	0.4	0.2	0.6
		Dolgoi Island	0	0	849	0.70	0.0	0.0	0.0
		Ikatan	915	542	1,346	0.00	0.0	0.0	0.1
		Unimak	5,170	2,866	8,434	0.00	0.2	0.1	0.3
	S. AK Pen post-June	Shumagin Islands	6,521	3,996	9,280	0.00	0.2	0.2	0.4
		Dolgoi Island	0	0	3	0.93	0.0	0.0	0.0
		Ikatan	61	3	141	0.05	0.0	0.0	0.0
	N. AK Pen	Bear River	0	0	1,107	0.52	0.0	0.0	0.0
		Three Hills	0	0	152	0.83	0.0	0.0	0.0
		Ilnik southern	7,203	1,946	14,876	0.01	0.3	0.1	0.6
		Ilnik northern	0	0	3,751	0.54	0.0	0.0	0.1
		Outer Port Heiden	0[b]	0	0	1.00	0.0	0.0	0.0
Central	Bristol Bay	Ugashik	641	0	13,476	0.33	0.0	0.0	0.5
		Egegik	2,516	0	19,579	0.27	0.1	0.0	0.7
		Naknek-Kvichak	11,467	2,228	28,802	0.00	0.4	0.1	1.1
		Nushagak	2,029,713	1,763,463	2,286,760	0.00	76.6	72.8	79.9
		Togiak	2,298	0	7,710	0.08	0.1	0.0	0.3
AYK	Kuskokwim Area	District 5	1,051	702	1,535	0.00	0.0	0.0	0.1
		District 4	2,446[c]	1,553	3,515	0.00	0.1	0.1	0.1
Total			2,079,974						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.

Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.

[a] Adjusted median. Adjustment values vary by area stratum (see area stratum harvest and harvest rate Appendix Dfor values).

[b] Outer Port Heiden Section closed entire 2006 fishing season.

[c] Baseline evaluation tests suggest misallocations among reporting groups with sea/river-type sockeye salmon. Biases toward lower-represented reporting groups are likely between Kuskokwim R., Kanektok, Goodnews, Togiak, and Nushagak reporting groups.

Appendix F23.–Nushagak subregional reporting group, 2007, all strata. Reporting group-specific harvest and harvest rate estimates by area stratum. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

			Harvest				Harvest Rate (%)		
				90% CI				90% CI	
Region	Fishery	Area stratum	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Westward	Chignik Area	Central	6	0	147	0.39	0.0	0.0	0.0
		Chignik Bay	0	0	111	0.70	0.0	0.0	0.0
		Western and Perryville	0	0	769	0.57	0.0	0.0	0.0
	SEDM	E. Step., Step. Flats	0	0	1	0.94	0.0	0.0	0.0
		Northwest Stepovak	0	0	0	0.97	0.0	0.0	0.0
		SW Step., Balboa, Beaver	0	0	4	0.93	0.0	0.0	0.0
	S. AK Pen June	Shumagin Islands	47,691	31,982	63,789	0.00	1.8	1.2	2.5
		Dolgoi Island	342	78	725	0.01	0.0	0.0	0.0
		Ikatan	7,508	4,676	11,040	0.00	0.3	0.2	0.4
		Unimak	15,911	7,452	24,390	0.00	0.6	0.3	1.0
	S. AK Pen post-June	Shumagin Islands	14,578	8,985	21,503	0.00	0.6	0.3	0.8
		Dolgoi Island	4	0	135	0.46	0.0	0.0	0.0
		Ikatan	0	0	195	0.75	0.0	0.0	0.0
	N. AK Pen	Bear River	0	0	208	0.84	0.0	0.0	0.0
		Three Hills	0	0	25	0.91	0.0	0.0	0.0
		Ilnik southern	7,590	2,946	15,023	0.00	0.3	0.1	0.6
		Ilnik northern	236	0	7,850	0.39	0.0	0.0	0.3
		Outer Port Heiden	1,528	159	4,203	0.00	0.1	0.0	0.2
Central	Bristol Bay	Ugashik	0	0	1,928	0.60	0.0	0.0	0.1
		Egegik	7,165	0	35,577	0.14	0.3	0.0	1.4
		Naknek-Kvichak	89,256	32,330	158,096	0.00	3.4	1.3	6.0
		Nushagak	1,867,102	1,665,804	2,055,986	0.00	71.7	67.9	75.3
		Togiak	796	0	3,539	0.11	0.0	0.0	0.1
AYK	Kuskokwim Area	District 5	1,893[b]	1,246	2,617	0.00	0.1	0.0	0.1
		District 4	1,648	518	4,783	0.00	0.1	0.0	0.2
Total			2,063,254						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.

Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.

[a] Adjusted median. Adjustment values vary by area stratum (see area stratum harvest and harvest rate Appendix Dfor values).

[b] Baseline evaluation tests suggest misallocations among reporting groups with sea/river-type sockeye salmon. Biases toward lower-represented reporting groups are likely between Kuskokwim R., Kanektok, Goodnews, Togiak, and Nushagak reporting groups.

Appendix F24.–Nushagak subregional reporting group, 2008, all strata. Reporting group-specific harvest and harvest rate estimates by area stratum. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

			Harvest				Harvest Rate (%)		
				90% CI				90% CI	
Region	Fishery	Area stratum	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Westward	Chignik Area	Central	0	0	219	0.59	0.0	0.0	0.0
		Chignik Bay	0	0	77	0.75	0.0	0.0	0.0
		Western and Perryville	1,545	752	2,409	0.00	0.1	0.0	0.1
	SEDM	E. Step., Step. Flats	0	0	1	0.94	0.0	0.0	0.0
		Northwest Stepovak	0	0	53	0.82	0.0	0.0	0.0
		SW Step., Balboa, Beaver	0	0	1	0.94	0.0	0.0	0.0
	S. AK Pen June	Shumagin Islands	39,298	25,950	53,223	0.00	1.9	1.2	2.6
		Dolgoi Island	1,485	916	2,117	0.00	0.1	0.0	0.1
		Ikatan	9,721	6,073	13,818	0.00	0.5	0.3	0.7
		Unimak	54,039	33,630	77,585	0.00	2.6	1.6	3.7
	S. AK Pen post-June	Shumagin Islands	4,614	3,060	6,462	0.00	0.2	0.1	0.3
		Dolgoi Island	160	0	870	0.34	0.0	0.0	0.0
		Ikatan	218	0	463	0.06	0.0	0.0	0.0
	N. AK Pen	Bear River	0	0	0	1.00	0.0	0.0	0.0
		Three Hills	0	0	0	1.00	0.0	0.0	0.0
		Ilnik southern	9,060	5,092	13,765	0.00	0.4	0.2	0.7
		Ilnik northern	28,128	17,103	40,431	0.00	1.3	0.8	1.9
		Outer Port Heiden	6,672	3,154	11,124	0.00	0.3	0.2	0.5
Central	Bristol Bay	Ugashik	5,344	7	14,029	0.04	0.3	0.0	0.7
		Egegik	18,278	0	66,162	0.06	0.9	0.0	3.1
		Naknek-Kvichak	28,790	519	83,797	0.03	1.4	0.0	3.9
		Nushagak	1,367,973	1,202,207	1,531,271	0.00	65.4	61.0	69.4
		Togiak	0	0	571	0.67	0.0	0.0	0.0
AYK	Kuskokwim Area	District 5	1,147[b]	783	1,567	0.00	0.1	0.0	0.1
		District 4	37	0	595	0.32	0.0	0.0	0.0
Total			1,576,509						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.

Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.

[a] Adjusted median. Adjustment values vary by area stratum (see area stratum harvest and harvest rate Appendix Dfor values).

[b] Baseline evaluation tests suggest misallocations among reporting groups with sea/river-type sockeye salmon. Biases toward lower-represented reporting groups are likely between Kuskokwim R., Kanektok, Goodnews, Togiak, and Nushagak reporting groups.

Appendix F25.–Kvichak subregional reporting group, 2006, all strata. Reporting group-specific harvest and harvest rate estimates by area stratum. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

			Harvest				Harvest Rate (%)		
				90% CI				90% CI	
Region	Fishery	Area stratum	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Westward	Chignik Area	Central	39	6	259	0.00	0.0	0.0	0.0
		Chignik Bay	58	0	1,278	0.36	0.0	0.0	0.0
		Western and Perryville	0	0	7	0.90	0.0	0.0	0.0
	SEDM	E. Step., Step. Flats	0	0	34	0.87	0.0	0.0	0.0
		Northwest Stepovak	0	0	0	0.97	0.0	0.0	0.0
		SW Step., Balboa, Beaver	0	0	9	0.90	0.0	0.0	0.0
	S. AK Pen June	Shumagin Islands	10,986	6,713	15,915	0.00	0.2	0.1	0.3
		Dolgoi Island	0	0	73	0.82	0.0	0.0	0.0
		Ikatan	1,803	1,211	2,455	0.00	0.0	0.0	0.0
		Unimak	4,730	3,129	6,960	0.00	0.1	0.1	0.1
	S. AK Pen post-June	Shumagin Islands	2,130	1,040	3,615	0.00	0.0	0.0	0.1
		Dolgoi Island	0	0	5	0.93	0.0	0.0	0.0
		Ikatan	423	278	581	0.00	0.0	0.0	0.0
	N. AK Pen	Bear River	3,038	1,211	5,894	0.00	0.1	0.0	0.1
		Three Hills	361	76	1,061	0.00	0.0	0.0	0.0
		Ilnik southern	27,199	17,357	38,468	0.00	0.5	0.3	0.7
		Ilnik northern	22,644	14,440	31,606	0.00	0.4	0.3	0.6
		Outer Port Heiden	0[b]	0	0	1.00	0.0	0.0	0.0
Central	Bristol Bay	Ugashik	40,817	26,611	58,675	0.00	0.7	0.5	1.0
		Egegik	158,605	105,030	225,473	0.00	2.8	1.9	4.0
		Naknek-Kvichak	2,322,878	2,156,529	2,478,688	0.00	40.9	38.4	43.4
		Nushagak	4,917	0	22,591	0.05	0.1	0.0	0.4
		Togiak	0	0	969	0.56	0.0	0.0	0.0
AYK	Kuskokwim Area	District 5	34	0	156	0.27	0.0	0.0	0.0
		District 4	0	0	21	0.85	0.0	0.0	0.0
Total			2,600,662						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
[a] Adjusted median. Adjustment values vary by area stratum (see area stratum harvest and harvest rate Appendix Dfor values).
[b] Outer Port Heiden Section closed entire 2006 fishing season.

Appendix F26.–Kvichak subregional reporting group, 2007, all strata. Reporting group-specific harvest and harvest rate estimates by area stratum. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

			Harvest				Harvest Rate (%)		
				90% CI				90% CI	
Region	Fishery	Area stratum	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Westward	Chignik Area	Central	288	113	763	0.00	0.0	0.0	0.0
		Chignik Bay	401	87	1,131	0.00	0.0	0.0	0.0
		Western and Perryville	272	57	770	0.00	0.0	0.0	0.0
	SEDM	E. Step., Step. Flats	0	0	1	0.95	0.0	0.0	0.0
		Northwest Stepovak	0	0	0	1.00	0.0	0.0	0.0
		SW Step., Balboa, Beaver	0	0	264	0.85	0.0	0.0	0.0
	S. AK Pen June	Shumagin Islands	48,269	33,616	63,941	0.00	0.8	0.6	1.1
		Dolgoi Island	2,827	1,868	3,975	0.00	0.0	0.0	0.1
		Ikatan	15,709	11,608	19,753	0.00	0.3	0.2	0.3
		Unimak	40,182	29,893	50,414	0.00	0.7	0.5	0.9
	S. AK Pen post-June	Shumagin Islands	10,035	5,801	15,011	0.00	0.2	0.1	0.3
		Dolgoi Island	465	70	1,843	0.00	0.0	0.0	0.0
		Ikatan	822	410	1,303	0.00	0.0	0.0	0.0
	N. AK Pen	Bear River	226	17	998	0.00	0.0	0.0	0.0
		Three Hills	0	0	113	0.89	0.0	0.0	0.0
		Ilnik southern	63,033	46,618	80,758	0.00	1.1	0.8	1.4
		Ilnik northern	25,241	15,862	36,162	0.00	0.4	0.3	0.6
		Outer Port Heiden	12,832	5,295	20,725	0.00	0.2	0.1	0.4
Central	Bristol Bay	Ugashik	106,958	52,269	170,203	0.00	1.8	0.9	2.9
		Egegik	518,635	418,311	623,894	0.00	8.9	7.3	10.7
		Naknek-Kvichak	2,146,599	1,928,140	2,349,360	0.00	36.8	34.0	39.7
		Nushagak	0	0	10,988	0.53	0.0	0.0	0.2
		Togiak	144	12	626	0.00	0.0	0.0	0.0
AYK	Kuskokwim Area	District 5	45	0	214	0.27	0.0	0.0	0.0
		District 4	0	0	154	0.72	0.0	0.0	0.0
Total			2,992,983						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
[a] Adjusted median. Adjustment values vary by area stratum (see area stratum harvest and harvest rate Appendix Dfor values).

Appendix F27.–Kvichak subregional reporting group, 2008, all strata. Reporting group-specific harvest and harvest rate estimates by area stratum. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

			Harvest				Harvest Rate (%)		
				90% CI				90% CI	
Region	Fishery	Area stratum	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Westward	Chignik Area	Central	148	21	511	0.00	0.0	0.0	0.0
		Chignik Bay	0	0	540	0.55	0.0	0.0	0.0
		Western and Perryville	3,308	2,367	4,332	0.00	0.1	0.0	0.1
	SEDM	E. Step., Step. Flats	0	0	185	0.81	0.0	0.0	0.0
		Northwest Stepovak	57	4	266	0.01	0.0	0.0	0.0
		SW Step., Balboa, Beaver	0	0	291	0.76	0.0	0.0	0.0
	S. AK Pen June	Shumagin Islands	72,110	55,814	88,348	0.00	1.1	0.9	1.4
		Dolgoi Island	3,199	2,434	3,970	0.00	0.1	0.0	0.1
		Ikatan	33,128	25,955	39,238	0.00	0.5	0.4	0.6
		Unimak	132,332	106,213	157,023	0.00	2.1	1.7	2.5
	S. AK Pen post-June	Shumagin Islands	7,260	4,925	9,805	0.00	0.1	0.1	0.2
		Dolgoi Island	59	4	253	0.01	0.0	0.0	0.0
		Ikatan	796	461	1,189	0.00	0.0	0.0	0.0
	N. AK Pen	Bear River	0	0	0	1.00	0.0	0.0	0.0
		Three Hills	0	0	0	1.00	0.0	0.0	0.0
		Ilnik southern	10,586	6,596	15,326	0.00	0.2	0.1	0.2
		Ilnik northern	26,464	16,946	36,901	0.00	0.4	0.3	0.6
		Outer Port Heiden	4,632	498	11,274	0.00	0.1	0.0	0.2
Central	Bristol Bay	Ugashik	43,674	19,151	75,787	0.00	0.7	0.3	1.2
		Egegik	686,044	564,572	817,834	0.00	10.9	9.1	12.8
		Naknek-Kvichak	2,517,895	2,300,332	2,729,488	0.00	39.9	37.2	42.5
		Nushagak	3,944	310	20,965	0.00	0.1	0.0	0.3
		Togiak	0	0	173	0.72	0.0	0.0	0.0
AYK	Kuskokwim Area	District 5	30	0	141	0.27	0.0	0.0	0.0
		District 4	0	0	36	0.84	0.0	0.0	0.0
Total			3,545,666						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
[a] Adjusted median. Adjustment values vary by area stratum (see area stratum harvest and harvest rate Appendix Dfor values).

Appendix F28.–Alagnak subregional reporting group, 2006, all strata. Reporting group-specific harvest and harvest rate estimates by area stratum. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

			Harvest				Harvest Rate (%)		
				90% CI				90% CI	
Region	Fishery	Area stratum	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Westward	Chignik Area	Central	313	55	748	0.01	0.0	0.0	0.0
		Chignik Bay	573	105	1,718	0.00	0.0	0.0	0.1
		Western and Perryville	138	18	409	0.01	0.0	0.0	0.0
	SEDM	E. Step., Step. Flats	87	0	823	0.32	0.0	0.0	0.0
		Northwest Stepovak	0	0	0	0.96	0.0	0.0	0.0
		SW Step., Balboa, Beaver	0	0	7	0.90	0.0	0.0	0.0
	S. AK Pen June	Shumagin Islands	17,817	13,209	22,753	0.00	0.5	0.4	0.7
		Dolgoi Island	1,732	834	2,974	0.00	0.1	0.0	0.1
		Ikatan	2,050	1,517	2,619	0.00	0.1	0.0	0.1
		Unimak	6,668	4,304	9,570	0.00	0.2	0.1	0.3
	S. AK Pen post-June	Shumagin Islands	4,751	2,972	6,976	0.00	0.1	0.1	0.2
		Dolgoi Island	0	0	40	0.91	0.0	0.0	0.0
		Ikatan	184	97	302	0.00	0.0	0.0	0.0
	N. AK Pen	Bear River	0	0	1,400	0.55	0.0	0.0	0.0
		Three Hills	1,210	438	2,370	0.00	0.0	0.0	0.1
		Ilnik southern	15,100	8,846	22,926	0.00	0.4	0.3	0.7
		Ilnik northern	7,534	4,008	12,457	0.00	0.2	0.1	0.4
		Outer Port Heiden	0[b]	0	0	1.00	0.0	0.0	0.0
Central	Bristol Bay	Ugashik	12,544	5,891	21,880	0.00	0.4	0.2	0.6
		Egegik	73,314	49,613	104,545	0.00	2.2	1.5	3.1
		Naknek-Kvichak	1,461,145	1,337,534	1,579,934	0.00	43.1	40.3	45.9
		Nushagak	0	0	14,046	0.54	0.0	0.0	0.4
		Togiak	0	0	208	0.64	0.0	0.0	0.0
AYK	Kuskokwim Area	District 5	0	0	25	0.83	0.0	0.0	0.0
		District 4	0	0	13	0.86	0.0	0.0	0.0
Total			1,605,160						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
[a] Adjusted median. Adjustment values vary by area stratum (see area stratum harvest and harvest rate Appendix Dfor values).
[b] Outer Port Heiden Section closed entire 2006 fishing season.

Appendix F29.–Alagnak subregional reporting group, 2007, all strata. Reporting group-specific harvest and harvest rate estimates by area stratum. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

			Harvest				Harvest Rate (%)		
				90% CI				90% CI	
Region	Fishery	Area stratum	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Westward	Chignik Area	Central	157	22	457	0.01	0.0	0.0	0.0
		Chignik Bay	295	64	830	0.00	0.0	0.0	0.0
		Western and Perryville	848	328	1,658	0.00	0.0	0.0	0.0
	SEDM	E. Step., Step. Flats	0	0	1	0.95	0.0	0.0	0.0
		Northwest Stepovak	0	0	0	1.00	0.0	0.0	0.0
		SW Step., Balboa, Beaver	0	0	1	0.94	0.0	0.0	0.0
	S. AK Pen June	Shumagin Islands	82,913	66,712	98,347	0.00	1.7	1.4	2.1
		Dolgoi Island	3,752	2,600	5,040	0.00	0.1	0.1	0.1
		Ikatan	13,445	10,583	16,244	0.00	0.3	0.2	0.3
		Unimak	28,422	21,014	36,155	0.00	0.6	0.4	0.8
	S. AK Pen post-June	Shumagin Islands	26,360	20,849	31,985	0.00	0.5	0.4	0.7
		Dolgoi Island	394	0	1,823	0.07	0.0	0.0	0.0
		Ikatan	306	81	699	0.00	0.0	0.0	0.0
	N. AK Pen	Bear River	2,224	980	4,063	0.00	0.0	0.0	0.1
		Three Hills	0	0	9	0.90	0.0	0.0	0.0
		Ilnik southern	23,990	14,336	36,120	0.00	0.5	0.3	0.8
		Ilnik northern	17,764	10,190	27,159	0.00	0.4	0.2	0.6
		Outer Port Heiden	5,024	2,671	8,033	0.00	0.1	0.1	0.2
Central	Bristol Bay	Ugashik	41,729	18,214	75,767	0.00	0.9	0.4	1.6
		Egegik	245,324	187,711	309,750	0.00	5.1	3.9	6.4
		Naknek-Kvichak	1,852,336	1,659,381	2,034,744	0.00	38.3	35.4	41.3
		Nushagak	288	0	13,809	0.36	0.0	0.0	0.3
		Togiak	0	0	119	0.73	0.0	0.0	0.0
AYK	Kuskokwim Area	District 5	0	0	33	0.83	0.0	0.0	0.0
		District 4	0	0	43	0.83	0.0	0.0	0.0
Total			2,345,571						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
[a] Adjusted median. Adjustment values vary by area stratum (see area stratum harvest and harvest rate Appendix Dfor values).

Appendix F30.-Alagnak subregional reporting group, 2008, all strata. Reporting group-specific harvest and harvest rate estimates by area stratum. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

			Harvest				Harvest Rate (%)		
				90% CI				90% CI	
Region	Fishery	Area stratum	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Westward	Chignik Area	Central	323	90	761	0.00	0.0	0.0	0.0
		Chignik Bay	115	0	557	0.24	0.0	0.0	0.0
		Western and Perryville	1,422	880	2,093	0.00	0.0	0.0	0.0
	SEDM	E. Step., Step. Flats	0	0	1	0.95	0.0	0.0	0.0
		Northwest Stepovak	53	4	225	0.01	0.0	0.0	0.0
		SW Step., Balboa, Beaver	0	0	0	0.95	0.0	0.0	0.0
	S. AK Pen June	Shumagin Islands	26,696	18,365	36,003	0.00	0.6	0.4	0.8
		Dolgoi Island	814	471	1,238	0.00	0.0	0.0	0.0
		Ikatan	12,004	7,973	16,214	0.00	0.3	0.2	0.4
		Unimak	46,234	32,412	61,973	0.00	1.0	0.7	1.4
	S. AK Pen post-June	Shumagin Islands	2,312	1,343	3,506	0.00	0.1	0.0	0.1
		Dolgoi Island	0	0	177	0.52	0.0	0.0	0.0
		Ikatan	385	184	641	0.00	0.0	0.0	0.0
	N. AK Pen	Bear River	0	0	0	1.00	0.0	0.0	0.0
		Three Hills	0	0	0	1.00	0.0	0.0	0.0
		Ilnik southern	8,442	5,435	12,066	0.00	0.2	0.1	0.3
		Ilnik northern	19,138	12,392	27,060	0.00	0.4	0.3	0.6
		Outer Port Heiden	5,910	3,316	9,093	0.00	0.1	0.1	0.2
Central	Bristol Bay	Ugashik	35,306	20,363	55,609	0.00	0.8	0.5	1.2
		Egegik	221,340	164,979	289,477	0.00	4.9	3.7	6.4
		Naknek-Kvichak	1,961,095	1,786,141	2,128,683	0.00	43.3	40.4	46.1
		Nushagak	0	0	2,000	0.65	0.0	0.0	0.0
		Togiak	317	61	902	0.00	0.0	0.0	0.0
AYK	Kuskokwim Area	District 5	0	0	22	0.82	0.0	0.0	0.0
		District 4	0	0	10	0.87	0.0	0.0	0.0
Total			2,341,906						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
[a] Adjusted median. Adjustment values vary by area stratum (see area stratum harvest and harvest rate Appendix Dfor values).

Appendix F31.–Naknek subregional reporting group, 2006, all strata. Reporting group-specific harvest and harvest rate estimates by area stratum. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

			Harvest				Harvest Rate (%)		
				90% CI				90% CI	
Region	Fishery	Area stratum	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Westward	Chignik Area	Central	230	33	668	0.02	0.0	0.0	0.0
		Chignik Bay	0	0	415	0.60	0.0	0.0	0.0
		Western and Perryville	0	0	5	0.91	0.0	0.0	0.0
	SEDM	E. Step., Step. Flats	0	0	286	0.81	0.0	0.0	0.0
		Northwest Stepovak	0	0	0	0.97	0.0	0.0	0.0
		SW Step., Balboa, Beaver	0	0	8	0.90	0.0	0.0	0.0
	S. AK Pen June	Shumagin Islands	33,035	26,011	40,202	0.00	0.6	0.5	0.8
		Dolgoi Island	853	262	1,908	0.00	0.0	0.0	0.0
		Ikatan	2,949	2,145	3,769	0.00	0.1	0.0	0.1
		Unimak	11,457	8,100	15,252	0.00	0.2	0.2	0.3
	S. AK Pen post-June	Shumagin Islands	10,615	7,950	13,589	0.00	0.2	0.1	0.3
		Dolgoi Island	15	0	1,307	0.47	0.0	0.0	0.0
		Ikatan	488	349	634	0.00	0.0	0.0	0.0
	N. AK Pen	Bear River	2,919	895	5,714	0.00	0.1	0.0	0.1
		Three Hills	2,541	1,329	4,191	0.00	0.0	0.0	0.1
		Ilnik southern	45,464	34,267	57,333	0.00	0.8	0.6	1.1
		Ilnik northern	27,802	19,557	37,081	0.00	0.5	0.4	0.7
		Outer Port Heiden	0[b]	0	0	1.00	0.0	0.0	0.0
Central	Bristol Bay	Ugashik	37,748	24,502	54,032	0.00	0.7	0.5	1.0
		Egegik	227,783	169,287	294,813	0.00	4.3	3.2	5.5
		Naknek-Kvichak	2,962,182	2,754,364	3,158,141	0.00	55.4	52.9	57.9
		Nushagak	0	0	2,383	0.61	0.0	0.0	0.0
		Togiak	38	0	2,016	0.36	0.0	0.0	0.0
AYK	Kuskokwim Area	District 5	154	51	314	0.00	0.0	0.0	0.0
		District 4	0	0	26	0.85	0.0	0.0	0.0
Total			3,366,273						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
[a] Adjusted median. Adjustment values vary by area stratum (see area stratum harvest and harvest rate Appendix Dfor values).
[b] Outer Port Heiden Section closed entire 2006 fishing season.

Appendix F32.–Naknek subregional reporting group, 2007, all strata. Reporting group-specific harvest and harvest rate estimates by area stratum. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

			Harvest				Harvest Rate (%)		
				90% CI				90% CI	
Region	Fishery	Area stratum	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Westward	Chignik Area	Central	96	35	409	0.00	0.0	0.0	0.0
		Chignik Bay	312	0	961	0.08	0.0	0.0	0.0
		Western and Perryville	1,685	772	2,883	0.00	0.0	0.0	0.0
	SEDM	E. Step., Step. Flats	0	0	1	0.95	0.0	0.0	0.0
		Northwest Stepovak	0	0	0	1.00	0.0	0.0	0.0
		SW Step., Balboa, Beaver	388	64	1,108	0.00	0.0	0.0	0.0
	S. AK Pen June	Shumagin Islands	138,375	115,302	159,023	0.00	1.6	1.3	1.9
		Dolgoi Island	2,524	1,617	3,604	0.00	0.0	0.0	0.0
		Ikatan	12,820	9,663	16,138	0.00	0.1	0.1	0.2
		Unimak	38,890	28,428	49,674	0.00	0.4	0.3	0.6
	S. AK Pen post-June	Shumagin Islands	51,804	43,734	59,315	0.00	0.6	0.5	0.7
		Dolgoi Island	13	0	1,453	0.38	0.0	0.0	0.0
		Ikatan	465	193	839	0.00	0.0	0.0	0.0
	N. AK Pen	Bear River	0	0	649	0.73	0.0	0.0	0.0
		Three Hills	0	0	747	0.55	0.0	0.0	0.0
		Ilnik southern	109,033	87,434	131,342	0.00	1.3	1.0	1.5
		Ilnik northern	53,320	40,463	66,680	0.00	0.6	0.5	0.8
		Outer Port Heiden	27,581	19,865	35,566	0.00	0.3	0.2	0.4
Central	Bristol Bay	Ugashik	93,246	55,007	141,711	0.00	1.1	0.6	1.6
		Egegik	427,387	326,001	535,382	0.00	4.9	3.8	6.2
		Naknek-Kvichak	4,726,847	4,359,197	5,048,358	0.00	54.4	51.9	56.9
		Nushagak	14,893	0	37,914	0.06	0.2	0.0	0.4
		Togiak	0	0	124	0.73	0.0	0.0	0.0
AYK	Kuskokwim Area	District 5	255	85	522	0.00	0.0	0.0	0.0
		District 4	0	0	111	0.53	0.0	0.0	0.0
Total			5,699,934						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
[a] Adjusted median. Adjustment values vary by area stratum (see area stratum harvest and harvest rate Appendix Dfor values).

Appendix F33.–Naknek subregional reporting group, 2008, all strata. Reporting group-specific harvest and harvest rate estimates by area stratum. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

			Harvest				Harvest Rate (%)		
				90% CI				90% CI	
Region	Fishery	Area stratum	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Westward	Chignik Area	Central	1,136	506	1,973	0.00	0.0	0.0	0.0
		Chignik Bay	570	74	1,478	0.01	0.0	0.0	0.0
		Western and Perryville	4,757	3,648	5,927	0.00	0.1	0.0	0.1
	SEDM	E. Step., Step. Flats	0	0	1	0.95	0.0	0.0	0.0
		Northwest Stepovak	2	0	212	0.47	0.0	0.0	0.0
		SW Step., Balboa, Beaver	296	36	802	0.01	0.0	0.0	0.0
	S. AK Pen June	Shumagin Islands	68,202	52,793	83,492	0.00	0.8	0.6	1.0
		Dolgoi Island	1,947	1,377	2,563	0.00	0.0	0.0	0.0
		Ikatan	15,185	10,171	20,464	0.00	0.2	0.1	0.2
		Unimak	101,778	78,776	124,761	0.00	1.1	0.9	1.4
	S. AK Pen post-June	Shumagin Islands	6,562	4,594	8,760	0.00	0.1	0.1	0.1
		Dolgoi Island	650	308	1,121	0.00	0.0	0.0	0.0
		Ikatan	1,402	974	1,831	0.00	0.0	0.0	0.0
	N. AK Pen	Bear River	0	0	0	1.00	0.0	0.0	0.0
		Three Hills	0	0	0	1.00	0.0	0.0	0.0
		Ilnik southern	27,706	21,904	33,764	0.00	0.3	0.2	0.4
		Ilnik northern	54,028	41,585	66,759	0.00	0.6	0.5	0.8
		Outer Port Heiden	35,759	28,422	43,360	0.00	0.4	0.3	0.5
Central	Bristol Bay	Ugashik	40,457	22,518	64,398	0.00	0.5	0.3	0.7
		Egegik	730,498	613,202	857,688	0.00	8.3	7.0	9.7
		Naknek-Kvichak	5,227,813	4,906,494	5,518,081	0.00	59.3	57.1	61.4
		Nushagak	0	0	2,238	0.64	0.0	0.0	0.0
		Togiak	0	0	92	0.74	0.0	0.0	0.0
AYK	Kuskokwim Area	District 5	172	57	352	0.00	0.0	0.0	0.0
		District 4	0	0	7	0.88	0.0	0.0	0.0
Total			6,318,920						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
[a] Adjusted median. Adjustment values vary by area stratum (see area stratum harvest and harvest rate Appendix Dfor values).

Appendix F34.–Egegik subregional reporting group, 2006, all strata. Reporting group-specific harvest and harvest rate estimates by area stratum. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

			Harvest				Harvest Rate (%)		
				90% CI				90% CI	
Region	Fishery	Area stratum	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Westward	Chignik Area	Central	362	19	808	0.03	0.0	0.0	0.0
		Chignik Bay	771	0	2,340	0.06	0.0	0.0	0.0
		Western and Perryville	47	0	435	0.33	0.0	0.0	0.0
	SEDM	E. Step., Step. Flats	0	0	64	0.86	0.0	0.0	0.0
		Northwest Stepovak	0	0	0	0.97	0.0	0.0	0.0
		SW Step., Balboa, Beaver	0	0	28	0.88	0.0	0.0	0.0
	S. AK Pen June	Shumagin Islands	67,375	54,948	78,922	0.00	0.8	0.6	0.9
		Dolgoi Island	7,075	4,870	9,604	0.00	0.1	0.1	0.1
		Ikatan	5,479	4,218	6,753	0.00	0.1	0.0	0.1
		Unimak	32,235	25,719	38,604	0.00	0.4	0.3	0.5
	S. AK Pen post-June	Shumagin Islands	17,912	13,198	23,383	0.00	0.2	0.2	0.3
		Dolgoi Island	1,747	0	4,937	0.23	0.0	0.0	0.1
		Ikatan	421	256	639	0.00	0.0	0.0	0.0
	N. AK Pen	Bear River	11,723	6,179	20,794	0.00	0.1	0.1	0.2
		Three Hills	2,662	0	5,616	0.09	0.0	0.0	0.1
		Ilnik southern	60,283	31,596	88,203	0.00	0.7	0.4	1.0
		Ilnik northern	44,683	28,041	75,191	0.00	0.5	0.3	0.9
		Outer Port Heiden	0[b]	0	0	1.00	0.0	0.0	0.0
Central	Bristol Bay	Ugashik	180,775	131,435	251,605	0.00	2.1	1.5	2.9
		Egegik	6,412,241	6,045,591	6,771,356	0.00	74.4	72.7	76.2
		Naknek-Kvichak	291,406	223,303	367,299	0.00	3.4	2.6	4.3
		Nushagak	0	0	3,913	0.59	0.0	0.0	0.0
		Togiak	0	0	229	0.64	0.0	0.0	0.0
AYK	Kuskokwim Area	District 5	45	0	160	0.07	0.0	0.0	0.0
		District 4	0	0	15	0.86	0.0	0.0	0.0
Total			7,137,242						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
[a] Adjusted median. Adjustment values vary by area stratum (see area stratum harvest and harvest rate Appendix Dfor values).
[b] Outer Port Heiden Section closed entire 2006 fishing season.

Appendix F35.–Egegik subregional reporting group, 2007, all strata. Reporting group-specific harvest and harvest rate estimates by area stratum. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

			Harvest				Harvest Rate (%)		
				90% CI				90% CI	
Region	Fishery	Area stratum	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Westward	Chignik Area	Central	1,798	870	2,990	0.00	0.0	0.0	0.0
		Chignik Bay	1,092	357	2,332	0.00	0.0	0.0	0.0
		Western and Perryville	1,911	0	4,003	0.05	0.0	0.0	0.1
	SEDM	E. Step., Step. Flats	0	0	1	0.94	0.0	0.0	0.0
		Northwest Stepovak	0	0	0	1.00	0.0	0.0	0.0
		SW Step., Balboa, Beaver	0	0	43	0.91	0.0	0.0	0.0
	S. AK Pen June	Shumagin Islands	129,269	102,023	155,094	0.00	1.7	1.3	2.1
		Dolgoi Island	5,426	3,700	7,275	0.00	0.1	0.0	0.1
		Ikatan	35,247	28,284	41,850	0.00	0.5	0.4	0.6
		Unimak	67,819	50,526	85,114	0.00	0.9	0.7	1.1
	S. AK Pen post-June	Shumagin Islands	41,685	31,427	51,120	0.00	0.5	0.4	0.7
		Dolgoi Island	3,635	0	7,396	0.06	0.0	0.0	0.1
		Ikatan	695	274	1,364	0.00	0.0	0.0	0.0
	N. AK Pen	Bear River	0	0	2,786	0.65	0.0	0.0	0.0
		Three Hills	0	0	1,167	0.63	0.0	0.0	0.0
		Ilnik southern	37,606	21,295	58,585	0.00	0.5	0.3	0.8
		Ilnik northern	39,469	23,851	59,554	0.00	0.5	0.3	0.8
		Outer Port Heiden	29,155	19,683	39,364	0.00	0.4	0.3	0.5
Central	Bristol Bay	Ugashik	513,071	291,086	1,076,358	0.00	6.8	4.0	13.4
		Egegik	5,015,799	4,696,770	5,269,562	0.00	66.6	61.9	69.5
		Naknek-Kvichak	144,811	57,695	244,277	0.00	1.9	0.8	3.2
		Nushagak	0	0	10,637	0.54	0.0	0.0	0.1
		Togiak	0	0	356	0.67	0.0	0.0	0.0
AYK	Kuskokwim Area	District 5	60	0	212	0.07	0.0	0.0	0.0
		District 4	0	0	14	0.86	0.0	0.0	0.0
Total			6,068,548						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
[a] Adjusted median. Adjustment values vary by area stratum (see area stratum harvest and harvest rate Appendix Dfor values).

Appendix F36.–Egegik subregional reporting group, 2008, all strata. Reporting group-specific harvest and harvest rate estimates by area stratum. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

			Harvest				Harvest Rate (%)		
				90% CI				90% CI	
Region	Fishery	Area stratum	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Westward	Chignik Area	Central	1,625	973	2,545	0.00	0.0	0.0	0.0
		Chignik Bay	168	0	844	0.10	0.0	0.0	0.0
		Western and Perryville	5,986	4,662	7,361	0.00	0.1	0.1	0.1
	SEDM	E. Step., Step. Flats	0	0	1	0.95	0.0	0.0	0.0
		Northwest Stepovak	199	60	538	0.01	0.0	0.0	0.0
		SW Step., Balboa, Beaver	0	0	364	0.77	0.0	0.0	0.0
	S. AK Pen June	Shumagin Islands	126,729	103,174	149,683	0.00	1.6	1.3	1.9
		Dolgoi Island	4,822	3,675	5,987	0.00	0.1	0.0	0.1
		Ikatan	51,384	40,593	60,708	0.00	0.6	0.5	0.8
		Unimak	229,844	194,044	260,027	0.00	2.9	2.4	3.3
	S. AK Pen post-June	Shumagin Islands	12,057	9,202	15,029	0.00	0.2	0.1	0.2
		Dolgoi Island	910	227	1,684	0.02	0.0	0.0	0.0
		Ikatan	884	503	1,412	0.00	0.0	0.0	0.0
	N. AK Pen	Bear River	0	0	0	1.00	0.0	0.0	0.0
		Three Hills	0	0	0	1.00	0.0	0.0	0.0
		Ilnik southern	14,498	9,518	20,778	0.00	0.2	0.1	0.3
		Ilnik northern	29,314	14,317	44,999	0.00	0.4	0.2	0.6
		Outer Port Heiden	25,579	16,531	35,023	0.00	0.3	0.2	0.4
Central	Bristol Bay	Ugashik	358,024	268,683	483,098	0.00	4.5	3.4	6.0
		Egegik	5,358,613	5,008,623	5,681,517	0.00	67.3	65.1	69.4
		Naknek-Kvichak	468,007	369,407	578,476	0.00	5.9	4.7	7.2
		Nushagak	5	0	23,647	0.45	0.0	0.0	0.3
		Togiak	0	0	176	0.72	0.0	0.0	0.0
AYK	Kuskokwim Area	District 5	39	0	138	0.07	0.0	0.0	0.0
		District 4	0	0	7	0.88	0.0	0.0	0.0
Total			6,688,687						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
[a] Adjusted median. Adjustment values vary by area stratum (see area stratum harvest and harvest rate Appendix Dfor values).

Appendix F37.–Ugashik subregional reporting group, 2006, all strata. Reporting group-specific harvest and harvest rate estimates by area stratum. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

			Harvest				Harvest Rate (%)		
				90% CI				90% CI	
Region	Fishery	Area stratum	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Westward	Chignik Area	Central	61	0	687	0.18	0.0	0.0	0.0
		Chignik Bay	897	6	2,314	0.04	0.0	0.0	0.1
		Western and Perryville	0	0	271	0.75	0.0	0.0	0.0
	SEDM	E. Step., Step. Flats	0	0	1,177	0.52	0.0	0.0	0.0
		Northwest Stepovak	0	0	0	0.97	0.0	0.0	0.0
		SW Step., Balboa, Beaver	0	0	380	0.74	0.0	0.0	0.0
	S. AK Pen June	Shumagin Islands	21,484	12,359	31,081	0.00	0.5	0.3	0.8
		Dolgoi Island	0	0	1,458	0.55	0.0	0.0	0.0
		Ikatan	2,779	1,767	3,793	0.00	0.1	0.0	0.1
		Unimak	12,367	7,749	17,460	0.00	0.3	0.2	0.4
	S. AK Pen post-June	Shumagin Islands	8,262	3,763	12,528	0.00	0.2	0.1	0.3
		Dolgoi Island	5	0	3,656	0.47	0.0	0.0	0.1
		Ikatan	526	296	758	0.00	0.0	0.0	0.0
	N. AK Pen	Bear River	36,260	26,191	46,052	0.00	0.9	0.6	1.1
		Three Hills	33,633	28,547	38,237	0.00	0.8	0.7	0.9
		Ilnik southern	156,379	124,672	187,772	0.00	3.7	3.0	4.6
		Ilnik northern	229,670	193,622	252,956	0.00	5.5	4.7	6.2
		Outer Port Heiden	0[b]	0	0	1.00	0.0	0.0	0.0
Central	Bristol Bay	Ugashik	2,103,104	1,975,033	2,191,376	0.00	50.5	47.1	54.4
		Egegik	507,177	231,267	738,531	0.00	12.2	6.0	16.9
		Naknek-Kvichak	45,089	3,067	101,425	0.02	1.1	0.1	2.4
		Nushagak	0	0	2,872	0.61	0.0	0.0	0.1
		Togiak	0	0	176	0.65	0.0	0.0	0.0
AYK	Kuskokwim Area	District 5	0	0	11	0.87	0.0	0.0	0.0
		District 4	0	0	16	0.86	0.0	0.0	0.0
Total			3,157,693						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
[a] Adjusted median. Adjustment values vary by area stratum (see area stratum harvest and harvest rate Appendix Dfor values).
[b] Outer Port Heiden Section closed entire 2006 fishing season.

Appendix F38.–Ugashik subregional reporting group, 2007, all strata. Reporting group-specific harvest and harvest rate estimates by area stratum. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

			Harvest				Harvest Rate (%)		
				90% CI				90% CI	
Region	Fishery	Area stratum	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Westward	Chignik Area	Central	187	68	388	0.02	0.0	0.0	0.0
		Chignik Bay	1,015	10	2,173	0.04	0.0	0.0	0.0
		Western and Perryville	3,124	1,383	5,306	0.00	0.0	0.0	0.1
	SEDM	E. Step., Step. Flats	0	0	1	0.94	0.0	0.0	0.0
		Northwest Stepovak	0	0	0	1.00	0.0	0.0	0.0
		SW Step., Balboa, Beaver	0	0	410	0.82	0.0	0.0	0.0
	S. AK Pen June	Shumagin Islands	106,109	79,723	131,027	0.00	1.3	1.0	1.7
		Dolgoi Island	3,834	2,318	5,508	0.00	0.0	0.0	0.1
		Ikatan	23,713	16,856	29,981	0.00	0.3	0.2	0.4
		Unimak	63,955	45,522	80,837	0.00	0.8	0.6	1.1
	S. AK Pen post-June	Shumagin Islands	14,847	6,452	24,781	0.00	0.2	0.1	0.3
		Dolgoi Island	1,254	0	6,111	0.33	0.0	0.0	0.1
		Ikatan	1,628	865	2,391	0.01	0.0	0.0	0.0
	N. AK Pen	Bear River	3,157	322	6,274	0.04	0.0	0.0	0.1
		Three Hills	20,230	17,004	23,459	0.00	0.3	0.2	0.3
		Ilnik southern	114,414	88,617	140,094	0.00	1.5	1.1	1.8
		Ilnik northern	206,091	174,057	233,479	0.00	2.6	2.2	3.1
		Outer Port Heiden	168,051	149,515	182,675	0.00	2.1	1.9	2.4
Central	Bristol Bay	Ugashik	4,250,184	3,645,635	4,536,806	0.00	53.9	50.2	56.7
		Egegik	202,540	71,252	387,339	0.00	2.6	0.9	4.9
		Naknek-Kvichak	5,874	0	60,856	0.19	0.1	0.0	0.8
		Nushagak	35,781	22,144	53,282	0.00	0.5	0.3	0.7
		Togiak	0	0	163	0.72	0.0	0.0	0.0
AYK	Kuskokwim Area	District 5	0	0	13	0.86	0.0	0.0	0.0
		District 4	0	0	15	0.86	0.0	0.0	0.0
Total			5,225,988						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
[a] Adjusted median. Adjustment values vary by area stratum (see area stratum harvest and harvest rate Appendix Dfor values).

Appendix F39.–Ugashik subregional reporting group, 2008, all strata. Reporting group-specific harvest and harvest rate estimates by area stratum. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

			Harvest				Harvest Rate (%)		
				90% CI				90% CI	
Region	Fishery	Area stratum	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Westward	Chignik Area	Central	0	0	620	0.50	0.0	0.0	0.0
		Chignik Bay	0	0	610	0.51	0.0	0.0	0.0
		Western and Perryville	2,452	1,482	3,545	0.00	0.1	0.0	0.1
	SEDM	E. Step., Step. Flats	0	0	1	0.94	0.0	0.0	0.0
		Northwest Stepovak	0	0	481	0.59	0.0	0.0	0.0
		SW Step., Balboa, Beaver	0	0	11	0.92	0.0	0.0	0.0
	S. AK Pen June	Shumagin Islands	58,882	38,952	77,863	0.00	1.8	1.2	2.5
		Dolgoi Island	2,366	1,338	3,441	0.00	0.1	0.0	0.1
		Ikatan	12,858	4,439	20,567	0.00	0.4	0.1	0.7
		Unimak	24,330	13,178	45,083	0.00	0.8	0.4	1.4
	S. AK Pen post-June	Shumagin Islands	681	0	2,656	0.26	0.0	0.0	0.1
		Dolgoi Island	1,878	1,043	2,861	0.00	0.1	0.0	0.1
		Ikatan	413	0	829	0.07	0.0	0.0	0.0
	N. AK Pen	Bear River	0	0	0	1.00	0.0	0.0	0.0
		Three Hills	0	0	0	1.00	0.0	0.0	0.0
		Ilnik southern	34,423	26,319	42,353	0.00	1.1	0.8	1.4
		Ilnik northern	107,868	86,607	128,461	0.00	3.4	2.7	4.1
		Outer Port Heiden	136,774	121,700	150,096	0.00	4.3	3.8	4.9
Central	Bristol Bay	Ugashik	1,832,096	1,667,143	1,947,538	0.00	57.6	53.3	62.3
		Egegik	300,359	83,339	506,901	0.00	9.5	2.8	15.2
		Naknek-Kvichak	47,892	0	85,323	0.06	1.5	0.0	2.7
		Nushagak	8,635	0	32,740	0.25	0.3	0.0	1.0
		Togiak	0	0	455	0.64	0.0	0.0	0.0
AYK	Kuskokwim Area	District 5	0	0	10	0.85	0.0	0.0	0.0
		District 4	0	0	7	0.88	0.0	0.0	0.0
Total			2,571,907						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
[a] Adjusted median. Adjustment values vary by area stratum (see area stratum harvest and harvest rate Appendix Dfor values).

Appendix F40.–Cinder subregional reporting group, 2006, all strata. Reporting group-specific harvest and harvest rate estimates by area stratum. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

			Harvest				Harvest Rate (%)		
				90% CI				90% CI	
Region	Fishery	Area stratum	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Westward	Chignik Area	Central	0	0	49	0.77	0.0	0.0	0.0
		Chignik Bay	0	0	165	0.68	0.0	0.0	0.1
		Western and Perryville	0	0	78	0.83	0.0	0.0	0.0
	SEDM	E. Step., Step. Flats	0	0	25	0.88	0.0	0.0	0.0
		Northwest Stepovak	0	0	1	0.94	0.0	0.0	0.0
		SW Step., Balboa, Beaver	0	0	62	0.86	0.0	0.0	0.0
	S. AK Pen June	Shumagin Islands	0	0	1,736	0.68	0.0	0.0	0.6
		Dolgoi Island	0	0	575	0.74	0.0	0.0	0.2
		Ikatan	0	0	116	0.78	0.0	0.0	0.0
		Unimak	5,440	2,367	9,078	0.01	1.8	0.6	4.1
	S. AK Pen post-June	Shumagin Islands	3,730	841	6,555	0.02	1.2	0.2	2.9
		Dolgoi Island	0	0	5	0.93	0.0	0.0	0.0
		Ikatan	0	0	93	0.78	0.0	0.0	0.0
	N. AK Pen	Bear River	8,014	3,323	13,770	0.01	2.7	0.9	6.1
		Three Hills	1,804	755	4,328	0.00	0.6	0.2	1.7
		Ilnik southern	17,864	2,988	35,057	0.00	5.8	1.0	14.4
		Ilnik northern	10,641	5,612	23,324	0.00	3.7	1.5	9.3
		Outer Port Heiden	0[b]	0	0	1.00	0.0	0.0	0.0
Central	Bristol Bay	Ugashik	8,615	3,974	19,172	0.00	3.0	1.1	7.8
		Egegik	0	0	6,741	0.60	0.0	0.0	2.3
		Naknek-Kvichak	4,891	0	17,661	0.12	1.6	0.0	6.8
		Nushagak	0	0	2,028	0.62	0.0	0.0	0.7
		Togiak	0	0	662	0.50	0.0	0.0	0.2
AYK	Kuskokwim Area	District 5	0	0	66	0.75	0.0	0.0	0.0
		District 4	0	0	19	0.86	0.0	0.0	0.0
Total			60,999						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
[a] Adjusted median. Adjustment values vary by area stratum (see area stratum harvest and harvest rate Appendix Dfor values).
[b] Outer Port Heiden Section closed entire 2006 fishing season.

Appendix F41.–Cinder subregional reporting group, 2007, all strata. Reporting group-specific harvest and harvest rate estimates by area stratum. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

			Harvest				Harvest Rate (%)		
				90% CI				90% CI	
Region	Fishery	Area stratum	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Westward	Chignik Area	Central	0	0	641	0.63	0.0	0.0	0.2
		Chignik Bay	0	0	121	0.70	0.0	0.0	0.0
		Western and Perryville	756	0	2,236	0.23	0.2	0.0	0.6
	SEDM	E. Step., Step. Flats	0	0	1	0.94	0.0	0.0	0.0
		Northwest Stepovak	0	0	0	0.98	0.0	0.0	0.0
		SW Step., Balboa, Beaver	0	0	2	0.94	0.0	0.0	0.0
	S. AK Pen June	Shumagin Islands	1	0	6,725	0.49	0.0	0.0	1.6
		Dolgoi Island	0	0	220	0.78	0.0	0.0	0.0
		Ikatan	1,353	0	3,535	0.20	0.3	0.0	0.9
		Unimak	1,146	0	3,799	0.27	0.2	0.0	1.0
	S. AK Pen post-June	Shumagin Islands	56	0	3,315	0.40	0.0	0.0	0.8
		Dolgoi Island	0	0	273	0.81	0.0	0.0	0.1
		Ikatan	0	0	343	0.84	0.0	0.0	0.1
	N. AK Pen	Bear River	3,448	0	7,276	0.13	0.7	0.0	2.0
		Three Hills	2,568	1,108	4,400	0.01	0.6	0.2	1.2
		Ilnik southern	50,593	33,236	69,826	0.00	11.3	5.4	20.5
		Ilnik northern	33,908	19,446	49,222	0.00	7.5	3.3	14.2
		Outer Port Heiden	18,909	11,100	26,973	0.00	4.1	1.9	7.9
Central	Bristol Bay	Ugashik	9,492	6,923	25,475	0.00	2.3	1.1	6.1
		Egegik	0	0	3,519	0.61	0.0	0.0	0.8
		Naknek-Kvichak	0	0	8,432	0.53	0.0	0.0	1.9
		Nushagak	0	0	2,081	0.65	0.0	0.0	0.5
		Togiak	0	0	643	0.65	0.0	0.0	0.1
AYK	Kuskokwim Area	District 5	0	0	85	0.75	0.0	0.0	0.0
		District 4	0	0	65	0.80	0.0	0.0	0.0
Total			122,230						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
[a] Adjusted median. Adjustment values vary by area stratum (see area stratum harvest and harvest rate Appendix Dfor values).

Appendix F42.–Cinder subregional reporting group, 2008, all strata. Reporting group-specific harvest and harvest rate estimates by area stratum. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

			Harvest				Harvest Rate (%)		
				90% CI				90% CI	
Region	Fishery	Area stratum	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Westward	Chignik Area	Central	0	0	44	0.80	0.0	0.0	0.0
		Chignik Bay	0	0	777	0.60	0.0	0.0	0.3
		Western and Perryville	0	0	218	0.75	0.0	0.0	0.1
	SEDM	E. Step., Step. Flats	9	0	496	0.47	0.0	0.0	0.2
		Northwest Stepovak	0	0	380	0.69	0.0	0.0	0.1
		SW Step., Balboa, Beaver	0	0	384	0.85	0.0	0.0	0.1
	S. AK Pen June	Shumagin Islands	0	0	4,731	0.66	0.0	0.0	1.6
		Dolgoi Island	0	0	18	0.54	0.0	0.0	0.0
		Ikatan	0	0	1,558	0.76	0.0	0.0	0.5
		Unimak	2,340	0	4,464	0.06	0.7	0.0	1.9
	S. AK Pen post-June	Shumagin Islands	3,892	1,468	6,712	0.00	1.2	0.4	2.9
		Dolgoi Island	0	0	47	0.86	0.0	0.0	0.0
		Ikatan	0	0	41	0.90	0.0	0.0	0.0
	N. AK Pen	Bear River	0	0	0	1.00	0.0	0.0	0.0
		Three Hills	0	0	0	1.00	0.0	0.0	0.0
		Ilnik southern	9,256	4,823	14,517	0.00	2.8	1.1	6.5
		Ilnik northern	9,556	0	19,840	0.14	2.7	0.0	8.0
		Outer Port Heiden	5,251	0	11,883	0.06	1.5	0.0	4.8
Central	Bristol Bay	Ugashik	3,450	1,015	8,704	0.00	1.0	0.3	3.4
		Egegik	0	0	9,456	0.53	0.0	0.0	3.0
		Naknek-Kvichak	0	0	3,379	0.59	0.0	0.0	1.1
		Nushagak	0	0	1,516	0.65	0.0	0.0	0.5
		Togiak	0	0	264	0.70	0.0	0.0	0.1
AYK	Kuskokwim Area	District 5	0	0	55	0.74	0.0	0.0	0.0
		District 4	0	0	58	0.78	0.0	0.0	0.0
Total			33,754						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
[a] Adjusted median. Adjustment values vary by area stratum (see area stratum harvest and harvest rate Appendix Dfor values).

Appendix F43.–Meshik subregional reporting group, 2006, all strata. Reporting group-specific harvest and harvest rate estimates by area stratum. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

			Harvest				Harvest Rate (%)		
				90% CI				90% CI	
Region	Fishery	Area stratum	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Westward	Chignik Area	Central	169	0	530	0.10	0.0	0.0	0.2
		Chignik Bay	0	0	519	0.62	0.0	0.0	0.1
		Western and Perryville	0	0	10	0.90	0.0	0.0	0.0
	SEDM	E. Step., Step. Flats	0	0	523	0.82	0.0	0.0	0.1
		Northwest Stepovak	0	0	24	0.87	0.0	0.0	0.0
		SW Step., Balboa, Beaver	0	0	142	0.85	0.0	0.0	0.0
	S. AK Pen June	Shumagin Islands	98	0	3,233	0.40	0.0	0.0	1.0
		Dolgoi Island	0	0	1,598	0.64	0.0	0.0	0.5
		Ikatan	73	0	470	0.39	0.0	0.0	0.2
		Unimak	324	129	992	0.00	0.1	0.0	0.3
	S. AK Pen post-June	Shumagin Islands	346	0	3,480	0.31	0.1	0.0	1.1
		Dolgoi Island	0	0	1,558	0.85	0.0	0.0	0.4
		Ikatan	132	0	354	0.29	0.0	0.0	0.1
	N. AK Pen	Bear River	1,333	725	3,741	0.00	0.4	0.1	1.2
		Three Hills	4,380	1,695	7,019	0.00	1.1	0.4	2.7
		Ilnik southern	15,822	5,509	32,725	0.00	4.2	1.2	11.4
		Ilnik northern	17,263	1,853	32,286	0.00	4.3	0.5	11.6
		Outer Port Heiden	0[b]	0	0	1.00	0.0	0.0	0.0
Central	Bristol Bay	Ugashik	5,058	0	20,383	0.16	1.3	0.0	6.4
		Egegik	0	0	4,707	0.60	0.0	0.0	1.3
		Naknek-Kvichak	0	0	2,758	0.54	0.0	0.0	0.8
		Nushagak	0	0	1,722	0.62	0.0	0.0	0.5
		Togiak	0	0	233	0.63	0.0	0.0	0.1
AYK	Kuskokwim Area	District 5	0	0	46	0.78	0.0	0.0	0.0
		District 4	0	0	21	0.86	0.0	0.0	0.0
Total			44,998						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
[a] Adjusted median. Adjustment values vary by area stratum (see area stratum harvest and harvest rate Appendix Dfor values).
[b] Outer Port Heiden Section closed entire 2006 fishing season.

Appendix F44.–Meshik subregional reporting group, 2007, all strata. Reporting group-specific harvest and harvest rate estimates by area stratum. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

			Harvest				Harvest Rate (%)		
				90% CI				90% CI	
Region	Fishery	Area stratum	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Westward	Chignik Area	Central	0	0	216	0.77	0.0	0.0	0.1
		Chignik Bay	0	0	97	0.71	0.0	0.0	0.0
		Western and Perryville	1,255	0	2,833	0.15	0.5	0.0	1.4
	SEDM	E. Step., Step. Flats	0	0	1	0.94	0.0	0.0	0.0
		Northwest Stepovak	0	0	1	0.95	0.0	0.0	0.0
		SW Step., Balboa, Beaver	0	0	1	0.94	0.0	0.0	0.0
	S. AK Pen June	Shumagin Islands	725	0	8,846	0.37	0.3	0.0	4.1
		Dolgoi Island	0	0	126	0.66	0.0	0.0	0.1
		Ikatan	889	0	4,492	0.19	0.4	0.0	2.2
		Unimak	1,827	0	9,251	0.35	0.7	0.0	4.4
	S. AK Pen post-June	Shumagin Islands	22	0	1,854	0.43	0.0	0.0	0.9
		Dolgoi Island	0	0	267	0.85	0.0	0.0	0.1
		Ikatan	508	0	1,353	0.32	0.2	0.0	0.7
	N. AK Pen	Bear River	0	0	1,282	0.75	0.0	0.0	0.6
		Three Hills	120	0	1,378	0.34	0.1	0.0	0.7
		Ilnik southern	21,230	2,373	39,502	0.01	9.0	1.1	19.1
		Ilnik northern	27,662	17,354	42,870	0.00	12.3	6.2	22.0
		Outer Port Heiden	26,140	17,543	35,200	0.00	11.5	6.0	19.6
Central	Bristol Bay	Ugashik	47	0	26,589	0.41	0.0	0.0	11.5
		Egegik	0	0	5,264	0.61	0.0	0.0	2.3
		Naknek-Kvichak	0	0	3,297	0.63	0.0	0.0	1.4
		Nushagak	0	0	3,202	0.63	0.0	0.0	1.4
		Togiak	0	0	253	0.70	0.0	0.0	0.1
AYK	Kuskokwim Area	District 5	0	0	60	0.78	0.0	0.0	0.0
		District 4	0	0	37	0.83	0.0	0.0	0.0
Total			80,425						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
[a] Adjusted median. Adjustment values vary by area stratum (see area stratum harvest and harvest rate Appendix Dfor values).

Appendix F45.–Meshik subregional reporting group, 2008, all strata. Reporting group-specific harvest and harvest rate estimates by area stratum. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

			Harvest				Harvest Rate (%)		
				90% CI				90% CI	
Region	Fishery	Area stratum	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Westward	Chignik Area	Central	0	0	73	0.76	0.0	0.0	0.0
		Chignik Bay	0	0	121	0.73	0.0	0.0	0.0
		Western and Perryville	0	0	107	0.81	0.0	0.0	0.0
	SEDM	E. Step., Step. Flats	0	0	41	0.90	0.0	0.0	0.0
		Northwest Stepovak	0	0	409	0.62	0.0	0.0	0.1
		SW Step., Balboa, Beaver	709	0	1,858	0.30	0.2	0.0	0.6
	S. AK Pen June	Shumagin Islands	1,046	0	7,024	0.33	0.3	0.0	2.2
		Dolgoi Island	2	0	197	0.45	0.0	0.0	0.1
		Ikatan	0	0	3,295	0.63	0.0	0.0	1.0
		Unimak	7,350	2,993	13,343	0.00	2.1	0.8	4.4
	S. AK Pen post-June	Shumagin Islands	0	0	1,426	0.64	0.0	0.0	0.4
		Dolgoi Island	0	0	148	0.78	0.0	0.0	0.0
		Ikatan	0	0	23	0.87	0.0	0.0	0.0
	N. AK Pen	Bear River	0	0	0	1.00	0.0	0.0	0.0
		Three Hills	0	0	0	1.00	0.0	0.0	0.0
		Ilnik southern	28,946	22,646	35,558	0.00	8.5	4.8	13.2
		Ilnik northern	58,156	44,394	72,405	0.00	17.1	9.5	26.4
		Outer Port Heiden	44,872	36,409	53,299	0.00	13.3	7.5	20.2
Central	Bristol Bay	Ugashik	0	0	1,047	0.64	0.0	0.0	0.3
		Egegik	0	0	3,562	0.62	0.0	0.0	1.0
		Naknek-Kvichak	0	0	9,453	0.54	0.0	0.0	2.7
		Nushagak	0	0	1,612	0.65	0.0	0.0	0.5
		Togiak	0	0	152	0.72	0.0	0.0	0.0
AYK	Kuskokwim Area	District 5	0	0	39	0.77	0.0	0.0	0.0
		District 4	0	0	31	0.83	0.0	0.0	0.0
Total			141,081						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
[a] Adjusted median. Adjustment values vary by area stratum (see area stratum harvest and harvest rate Appendix Dfor values).

Appendix F46.–Ilnik subregional reporting group, 2006, all strata. Reporting group-specific harvest and harvest rate estimates by area stratum. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

			Harvest				Harvest Rate (%)		
				90% CI				90% CI	
Region	Fishery	Area stratum	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Westward	Chignik Area	Central	0	0	48	0.73	0.0	0.0	0.0
		Chignik Bay	0	0	253	0.67	0.0	0.0	0.1
		Western and Perryville	0	0	9	0.90	0.0	0.0	0.0
	SEDM	E. Step., Step. Flats	0	0	15	0.89	0.0	0.0	0.0
		Northwest Stepovak	0	0	1	0.94	0.0	0.0	0.0
		SW Step., Balboa, Beaver	0	0	17	0.89	0.0	0.0	0.0
	S. AK Pen June	Shumagin Islands	2,170	688	4,132	0.02	0.9	0.3	1.9
		Dolgoi Island	640	0	2,138	0.14	0.3	0.0	0.9
		Ikatan	183	103	285	0.00	0.1	0.0	0.1
		Unimak	18	0	1,138	0.26	0.0	0.0	0.5
	S. AK Pen post-June	Shumagin Islands	0	0	361	0.68	0.0	0.0	0.2
		Dolgoi Island	0	0	3	0.94	0.0	0.0	0.0
		Ikatan	0	0	53	0.83	0.0	0.0	0.0
	N. AK Pen	Bear River	1,825	612	4,156	0.00	0.8	0.3	1.8
		Three Hills	5,924	3,756	8,317	0.00	2.6	1.6	3.8
		Ilnik southern	67,574	51,920	83,256	0.00	29.4	22.5	36.9
		Ilnik northern	33,114	23,116	44,352	0.00	14.3	10.0	19.6
		Outer Port Heiden	0[b]	0	0	1.00	0.0	0.0	0.0
Central	Bristol Bay	Ugashik	4,458	0	14,089	0.21	1.9	0.0	6.1
		Egegik	0	0	2,288	0.64	0.0	0.0	1.0
		Naknek-Kvichak	0	0	2,060	0.57	0.0	0.0	0.9
		Nushagak	0	0	1,729	0.62	0.0	0.0	0.8
		Togiak	0	0	168	0.65	0.0	0.0	0.1
AYK	Kuskokwim Area	District 5	0	0	75	0.77	0.0	0.0	0.0
		District 4	0	0	13	0.86	0.0	0.0	0.0
Total			115,906						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
[a] Adjusted median. Adjustment values vary by area stratum (see area stratum harvest and harvest rate Appendix Dfor values).
[b] Outer Port Heiden Section closed entire 2006 fishing season.

Appendix F47.–Ilnik subregional reporting group, 2007, all strata. Reporting group-specific harvest and harvest rate estimates by area stratum. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

			Harvest				Harvest Rate (%)		
				90% CI				90% CI	
Region	Fishery	Area stratum	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Westward	Chignik Area	Central	0	0	159	0.76	0.0	0.0	0.1
		Chignik Bay	0	0	142	0.70	0.0	0.0	0.1
		Western and Perryville	0	0	51	0.87	0.0	0.0	0.0
	SEDM	E. Step., Step. Flats	0	0	1	0.94	0.0	0.0	0.0
		Northwest Stepovak	0	0	0	0.98	0.0	0.0	0.0
		SW Step., Balboa, Beaver	0	0	1,006	0.82	0.0	0.0	0.4
	S. AK Pen June	Shumagin Islands	3	0	8,477	0.47	0.0	0.0	3.2
		Dolgoi Island	386	0	1,261	0.25	0.1	0.0	0.5
		Ikatan	0	0	538	0.74	0.0	0.0	0.2
		Unimak	1,335	370	3,390	0.00	0.5	0.1	1.3
	S. AK Pen post-June	Shumagin Islands	0	0	1,217	0.67	0.0	0.0	0.5
		Dolgoi Island	171	48	374	0.02	0.1	0.0	0.1
		Ikatan	0	0	93	0.88	0.0	0.0	0.0
	N. AK Pen	Bear River	0	0	996	0.60	0.0	0.0	0.4
		Three Hills	4,565	2,350	6,917	0.00	1.7	0.9	2.7
		Ilnik southern	92,663	77,873	107,888	0.00	35.5	28.5	42.9
		Ilnik northern	28,305	20,074	41,178	0.00	10.8	7.6	15.7
		Outer Port Heiden	8,512	4,628	13,709	0.00	3.2	1.8	5.3
Central	Bristol Bay	Ugashik	818	0	16,438	0.11	0.3	0.0	6.1
		Egegik	0	0	1,929	0.65	0.0	0.0	0.7
		Naknek-Kvichak	0	0	1,925	0.66	0.0	0.0	0.7
		Nushagak	0	0	3,794	0.63	0.0	0.0	1.4
		Togiak	0	0	162	0.72	0.0	0.0	0.1
AYK	Kuskokwim Area	District 5	0	0	104	0.76	0.0	0.0	0.0
		District 4	0	0	95	0.78	0.0	0.0	0.0
Total			136,758						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
[a] Adjusted median. Adjustment values vary by area stratum (see area stratum harvest and harvest rate Appendix Dfor values).

Appendix F48.–Ilnik subregional reporting group, 2008, all strata. Reporting group-specific harvest and harvest rate estimates by area stratum. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

			Harvest				Harvest Rate (%)		
				90% CI				90% CI	
Region	Fishery	Area stratum	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Westward	Chignik Area	Central	0	0	27	0.82	0.0	0.0	0.0
		Chignik Bay	0	0	76	0.75	0.0	0.0	0.1
		Western and Perryville	924	0	1,724	0.05	1.0	0.0	2.4
	SEDM	E. Step., Step. Flats	0	0	1	0.95	0.0	0.0	0.0
		Northwest Stepovak	0	0	200	0.76	0.0	0.0	0.2
		SW Step., Balboa, Beaver	866	0	2,053	0.22	0.9	0.0	2.8
	S. AK Pen June	Shumagin Islands	0	0	4,809	0.65	0.0	0.0	5.5
		Dolgoi Island	2	0	8	0.16	0.0	0.0	0.0
		Ikatan	0	0	1,052	0.63	0.0	0.0	1.3
		Unimak	414	0	2,598	0.20	0.5	0.0	3.2
	S. AK Pen post-June	Shumagin Islands	0	0	250	0.75	0.0	0.0	0.3
		Dolgoi Island	0	0	416	0.75	0.0	0.0	0.5
		Ikatan	0	0	32	0.91	0.0	0.0	0.0
	N. AK Pen	Bear River	0	0	0	1.00	0.0	0.0	0.0
		Three Hills	0	0	0	1.00	0.0	0.0	0.0
		Ilnik southern	9,404	6,319	13,018	0.00	10.8	5.5	19.7
		Ilnik northern	2,533	467	14,095	0.00	3.0	0.5	16.2
		Outer Port Heiden	0	0	867	0.75	0.0	0.0	1.0
Central	Bristol Bay	Ugashik	0	0	2,180	0.63	0.0	0.0	2.5
		Egegik	0	0	2,313	0.64	0.0	0.0	2.7
		Naknek-Kvichak	0	0	3,020	0.58	0.0	0.0	3.5
		Nushagak	0	0	1,498	0.66	0.0	0.0	1.7
		Togiak	0	0	188	0.71	0.0	0.0	0.2
AYK	Kuskokwim Area	District 5	0	0	69	0.75	0.0	0.0	0.1
		District 4	0	0	8	0.87	0.0	0.0	0.0
Total			14,143						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
[a] Adjusted median. Adjustment values vary by area stratum (see area stratum harvest and harvest rate Appendix Dfor values).

Appendix F49.–Sandy subregional reporting group, 2006, all strata. Reporting group-specific harvest and harvest rate estimates by area stratum. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

			Harvest				Harvest Rate (%)		
				90% CI				90% CI	
Region	Fishery	Area stratum	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Westward	Chignik Area	Central	0	0	44	0.64	0.0	0.0	0.0
		Chignik Bay	0	0	119	0.70	0.0	0.0	0.1
		Western and Perryville	0	0	14	0.89	0.0	0.0	0.0
	SEDM	E. Step., Step. Flats	0	0	84	0.86	0.0	0.0	0.1
		Northwest Stepovak	0	0	14	0.90	0.0	0.0	0.0
		SW Step., Balboa, Beaver	0	0	311	0.53	0.0	0.0	0.3
	S. AK Pen June	Shumagin Islands	0	0	94	0.82	0.0	0.0	0.1
		Dolgoi Island	0	0	56	0.83	0.0	0.0	0.0
		Ikatan	278	66	599	0.00	0.2	0.1	0.5
		Unimak	340	0	2,503	0.34	0.3	0.0	2.2
	S. AK Pen post-June	Shumagin Islands	0	0	853	0.58	0.0	0.0	0.7
		Dolgoi Island	0	0	25	0.91	0.0	0.0	0.0
		Ikatan	0	0	25	0.86	0.0	0.0	0.0
	N. AK Pen	Bear River	15,916	10,441	22,212	0.00	13.6	9.0	19.1
		Three Hills	2,308	1,152	3,845	0.00	2.0	1.0	3.4
		Ilnik southern	29,344	19,880	39,850	0.00	24.9	17.7	32.9
		Ilnik northern	12,395	7,351	18,775	0.00	10.5	6.4	15.9
		Outer Port Heiden	0[b]	0	0	1.00	0.0	0.0	0.0
Central	Bristol Bay	Ugashik	5,980	0	17,794	0.16	5.1	0.0	14.2
		Egegik	0	0	1,017	0.67	0.0	0.0	0.9
		Naknek-Kvichak	0	0	1,130	0.59	0.0	0.0	1.0
		Nushagak	0	0	1,607	0.62	0.0	0.0	1.4
		Togiak	0	0	275	0.63	0.0	0.0	0.2
AYK	Kuskokwim Area	District 5	0	0	10	0.87	0.0	0.0	0.0
		District 4	0	0	12	0.87	0.0	0.0	0.0
Total			66,561						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
[a] Adjusted median. Adjustment values vary by area stratum (see area stratum harvest and harvest rate Appendix Dfor values).
[b] Outer Port Heiden Section closed entire 2006 fishing season.

Appendix F50.-Sandy subregional reporting group, 2007, all strata. Reporting group-specific harvest and harvest rate estimates by area stratum. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

			Harvest				Harvest Rate (%)		
				90% CI				90% CI	
Region	Fishery	Area stratum	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Westward	Chignik Area	Central	0	0	51	0.77	0.0	0.0	0.1
		Chignik Bay	0	0	125	0.70	0.0	0.0	0.1
		Western and Perryville	0	0	31	0.88	0.0	0.0	0.0
	SEDM	E. Step., Step. Flats	0	0	18	0.92	0.0	0.0	0.0
		Northwest Stepovak	0	0	0	0.96	0.0	0.0	0.0
		SW Step., Balboa, Beaver	0	0	865	0.68	0.0	0.0	1.0
	S. AK Pen June	Shumagin Islands	0	0	2,144	0.56	0.0	0.0	2.4
		Dolgoi Island	0	0	259	0.64	0.0	0.0	0.3
		Ikatan	244	0	871	0.26	0.3	0.0	1.0
		Unimak	556	0	4,135	0.25	0.6	0.0	4.6
	S. AK Pen post-June	Shumagin Islands	0	0	759	0.67	0.0	0.0	0.9
		Dolgoi Island	0	0	116	0.84	0.0	0.0	0.1
		Ikatan	0	0	79	0.89	0.0	0.0	0.1
	N. AK Pen	Bear River	7,469	4,538	11,000	0.00	8.5	5.2	12.4
		Three Hills	1,408	625	2,542	0.00	1.6	0.7	2.9
		Ilnik southern	12,244	6,746	20,552	0.00	13.9	8.1	21.8
		Ilnik northern	17,700	10,193	27,233	0.00	20.0	12.5	28.5
		Outer Port Heiden	0	0	321	0.78	0.0	0.0	0.4
Central	Bristol Bay	Ugashik	0	0	3,994	0.59	0.0	0.0	4.4
		Egegik	0	0	1,028	0.67	0.0	0.0	1.2
		Naknek-Kvichak	0	0	1,285	0.67	0.0	0.0	1.5
		Nushagak	0	0	1,492	0.66	0.0	0.0	1.7
		Togiak	0	0	192	0.71	0.0	0.0	0.2
AYK	Kuskokwim Area	District 5	0	0	11	0.87	0.0	0.0	0.0
		District 4	0	0	25	0.84	0.0	0.0	0.0
Total			39,621						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
[a] Adjusted median. Adjustment values vary by area stratum (see area stratum harvest and harvest rate Appendix Dfor values).

Appendix F51.–Sandy subregional reporting group, 2008, all strata. Reporting group-specific harvest and harvest rate estimates by area stratum. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

			Harvest				Harvest Rate (%)		
				90% CI				90% CI	
Region	Fishery	Area stratum	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Westward	Chignik Area	Central	0	0	53	0.77	0.0	0.0	0.1
		Chignik Bay	0	0	65	0.76	0.0	0.0	0.2
		Western and Perryville	0	0	288	0.64	0.0	0.0	0.7
	SEDM	E. Step., Step. Flats	0	0	1	0.94	0.0	0.0	0.0
		Northwest Stepovak	0	0	92	0.75	0.0	0.0	0.2
		SW Step., Balboa, Beaver	0	0	4	0.93	0.0	0.0	0.0
	S. AK Pen June	Shumagin Islands	3,291	0	8,116	0.08	7.6	0.0	17.5
		Dolgoi Island	0	0	10	0.88	0.0	0.0	0.0
		Ikatan	0	0	148	0.84	0.0	0.0	0.3
		Unimak	1,289	0	3,116	0.07	3.0	0.0	7.2
	S. AK Pen post-June	Shumagin Islands	0	0	150	0.76	0.0	0.0	0.3
		Dolgoi Island	0	0	55	0.86	0.0	0.0	0.1
		Ikatan	0	0	1	0.94	0.0	0.0	0.0
	N. AK Pen	Bear River	0	0	0	1.00	0.0	0.0	0.0
		Three Hills	0	0	0	1.00	0.0	0.0	0.0
		Ilnik southern	1,542	262	4,209	0.01	3.6	0.6	9.5
		Ilnik northern	0	0	1,789	0.75	0.0	0.0	4.1
		Outer Port Heiden	0	0	410	0.73	0.0	0.0	1.0
Central	Bristol Bay	Ugashik	67	0	10,272	0.39	0.2	0.0	20.4
		Egegik	0	0	2,901	0.64	0.0	0.0	6.4
		Naknek-Kvichak	0	0	3,943	0.58	0.0	0.0	8.6
		Nushagak	0	0	1,271	0.66	0.0	0.0	2.9
		Togiak	4	0	1,080	0.45	0.0	0.0	2.5
AYK	Kuskokwim Area	District 5	0	0	9	0.85	0.0	0.0	0.0
		District 4	0	0	7	0.88	0.0	0.0	0.0
Total			6,193						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
[a] Adjusted median. Adjustment values vary by area stratum (see area stratum harvest and harvest rate Appendix Dfor values).

Appendix F52.–Bear subregional reporting group, 2006, all strata. Reporting group-specific harvest and harvest rate estimates by area stratum. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

			Harvest				Harvest Rate (%)		
				90% CI				90% CI	
Region	Fishery	Area stratum	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Westward	Chignik Area	Central	0	0	212	0.70	0.0	0.0	0.0
		Chignik Bay	0	0	159	0.69	0.0	0.0	0.0
		Western and Perryville	0	0	37	0.87	0.0	0.0	0.0
	SEDM	E. Step., Step. Flats	0	0	34	0.87	0.0	0.0	0.0
		Northwest Stepovak	0	0	0	0.95	0.0	0.0	0.0
		SW Step., Balboa, Beaver	0	0	12	0.89	0.0	0.0	0.0
	S. AK Pen June	Shumagin Islands	6,246	2,394	11,011	0.00	0.5	0.2	0.9
		Dolgoi Island	0	0	267	0.78	0.0	0.0	0.0
		Ikatan	516	266	882	0.00	0.0	0.0	0.1
		Unimak	309	131	1,409	0.00	0.0	0.0	0.1
	S. AK Pen post-June	Shumagin Islands	14,596	11,544	17,869	0.00	1.2	0.9	1.4
		Dolgoi Island	0	0	10	0.92	0.0	0.0	0.0
		Ikatan	528	362	709	0.00	0.0	0.0	0.1
	N. AK Pen	Bear River	442,294	415,277	463,992	0.00	34.9	32.9	36.9
		Three Hills	85,071	78,179	90,192	0.00	6.7	6.1	7.2
		Ilnik southern	211,586	190,510	228,821	0.00	16.6	15.2	18.1
		Ilnik northern	58,172	46,369	69,414	0.00	4.5	3.7	5.5
		Outer Port Heiden	0[b]	0	0	1.00	0.0	0.0	0.0
Central	Bristol Bay	Ugashik	0	0	904	0.65	0.0	0.0	0.1
		Egegik	0	0	1,061	0.67	0.0	0.0	0.1
		Naknek-Kvichak	0	0	1,127	0.59	0.0	0.0	0.1
		Nushagak	0	0	1,341	0.63	0.0	0.0	0.1
		Togiak	0	0	159	0.65	0.0	0.0	0.0
AYK	Kuskokwim Area	District 5	0	0	8	0.87	0.0	0.0	0.0
		District 4	0	0	29	0.85	0.0	0.0	0.0
Total			819,318						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
[a] Adjusted median. Adjustment values vary by area stratum (see area stratum harvest and harvest rate Appendix Dfor values).
[b] Outer Port Heiden Section closed entire 2006 fishing season.

Appendix F53.–Bear subregional reporting group, 2007, all strata. Reporting group-specific harvest and harvest rate estimates by area stratum. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

			Harvest				Harvest Rate (%)		
				90% CI				90% CI	
Region	Fishery	Area stratum	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Westward	Chignik Area	Central	0	0	22	0.83	0.0	0.0	0.0
		Chignik Bay	82	0	499	0.21	0.0	0.0	0.0
		Western and Perryville	744	275	1,529	0.00	0.0	0.0	0.1
	SEDM	E. Step., Step. Flats	0	0	782	0.77	0.0	0.0	0.0
		Northwest Stepovak	0	0	0	0.99	0.0	0.0	0.0
		SW Step., Balboa, Beaver	0	0	8	0.92	0.0	0.0	0.0
	S. AK Pen June	Shumagin Islands	1,255	37	4,652	0.04	0.1	0.0	0.3
		Dolgoi Island	0	0	287	0.52	0.0	0.0	0.0
		Ikatan	1,341	438	2,684	0.00	0.1	0.0	0.2
		Unimak	2,762	1,028	5,422	0.00	0.2	0.1	0.3
	S. AK Pen post-June	Shumagin Islands	18,294	13,695	23,159	0.00	1.1	0.8	1.4
		Dolgoi Island	0	0	1,065	0.80	0.0	0.0	0.1
		Ikatan	1,196	671	1,801	0.00	0.1	0.0	0.1
	N. AK Pen	Bear River	546,499	508,148	580,243	0.00	33.0	31.1	34.8
		Three Hills	200,645	184,654	215,273	0.00	12.1	11.2	13.1
		Ilnik southern	268,352	244,389	289,177	0.00	16.1	14.9	17.5
		Ilnik northern	143,841	124,867	160,238	0.00	8.6	7.6	9.7
		Outer Port Heiden	33,714	27,117	40,222	0.00	2.0	1.6	2.4
Central	Bristol Bay	Ugashik	7	0	19,942	0.44	0.0	0.0	1.2
		Egegik	0	0	7,713	0.59	0.0	0.0	0.5
		Naknek-Kvichak	0	0	4,212	0.58	0.0	0.0	0.3
		Nushagak	0	0	1,225	0.67	0.0	0.0	0.1
		Togiak	0	0	145	0.72	0.0	0.0	0.0
AYK	Kuskokwim Area	District 5	0	0	11	0.87	0.0	0.0	0.0
		District 4	0	0	246	0.59	0.0	0.0	0.0
Total			1,218,732						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
[a] Adjusted median. Adjustment values vary by area stratum (see area stratum harvest and harvest rate Appendix Dfor values).

Appendix F54.–Bear subregional reporting group, 2008, all strata. Reporting group-specific harvest and harvest rate estimates by area stratum. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

			Harvest				Harvest Rate (%)		
				90% CI				90% CI	
Region	Fishery	Area stratum	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Westward	Chignik Area	Central	96	0	487	0.18	0.0	0.0	0.0
		Chignik Bay	0	0	99	0.74	0.0	0.0	0.0
		Western and Perryville	3,780	2,823	4,827	0.00	0.3	0.3	0.4
	SEDM	E. Step., Step. Flats	482	115	1,148	0.00	0.0	0.0	0.1
		Northwest Stepovak	287	0	746	0.18	0.0	0.0	0.1
		SW Step., Balboa, Beaver	1,492	779	2,507	0.00	0.1	0.1	0.2
	S. AK Pen June	Shumagin Islands	5,489	826	11,643	0.03	0.5	0.1	1.1
		Dolgoi Island	49	0	246	0.19	0.0	0.0	0.0
		Ikatan	2,536	1,038	4,982	0.00	0.2	0.1	0.5
		Unimak	16,781	7,327	27,846	0.00	1.5	0.7	2.5
	S. AK Pen post-June	Shumagin Islands	19,309	15,724	22,923	0.00	1.7	1.4	2.1
		Dolgoi Island	2,072	1,369	2,864	0.00	0.2	0.1	0.3
		Ikatan	831	518	1,177	0.00	0.1	0.0	0.1
	N. AK Pen	Bear River	417,261	383,829	452,415	0.00	38.2	35.6	40.8
		Three Hills	123,344	113,443	133,758	0.00	11.3	10.3	12.3
		Ilnik southern	112,474	102,582	120,620	0.00	10.2	9.3	11.1
		Ilnik northern	57,997	50,138	65,655	0.00	5.2	4.6	6.0
		Outer Port Heiden	7,128	4,544	10,465	0.00	0.6	0.4	1.0
Central	Bristol Bay	Ugashik	0	0	522	0.68	0.0	0.0	0.0
		Egegik	0	0	1,126	0.66	0.0	0.0	0.1
		Naknek-Kvichak	0	0	3,428	0.57	0.0	0.0	0.3
		Nushagak	0	0	1,300	0.66	0.0	0.0	0.1
		Togiak	0	0	152	0.72	0.0	0.0	0.0
AYK	Kuskokwim Area	District 5	0	0	8	0.86	0.0	0.0	0.0
		District 4	0	0	8	0.88	0.0	0.0	0.0
Total			771,408						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
[a] Adjusted median. Adjustment values vary by area stratum (see area stratum harvest and harvest rate Appendix Dfor values).

Appendix F55.–Nelson subregional reporting group, 2006, all strata. Reporting group-specific harvest and harvest rate estimates by area stratum. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

			Harvest				Harvest Rate (%)		
				90% CI				90% CI	
Region	Fishery	Area stratum	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Westward	Chignik Area	Central	57	3	247	0.02	0.0	0.0	0.0
		Chignik Bay	0	0	118	0.70	0.0	0.0	0.0
		Western and Perryville	0	0	38	0.87	0.0	0.0	0.0
	SEDM	E. Step., Step. Flats	0	0	10	0.90	0.0	0.0	0.0
		Northwest Stepovak	0	0	0	0.97	0.0	0.0	0.0
		SW Step., Balboa, Beaver	0	0	228	0.78	0.0	0.0	0.0
	S. AK Pen June	Shumagin Islands	0	0	231	0.78	0.0	0.0	0.0
		Dolgoi Island	46	0	592	0.36	0.0	0.0	0.1
		Ikatan	50	4	205	0.01	0.0	0.0	0.0
		Unimak	0	0	20	0.79	0.0	0.0	0.0
	S. AK Pen post-June	Shumagin Islands	0	0	66	0.76	0.0	0.0	0.0
		Dolgoi Island	0	0	2	0.94	0.0	0.0	0.0
		Ikatan	22	0	95	0.22	0.0	0.0	0.0
	N. AK Pen	Bear River	24,255	19,119	29,889	0.00	4.1	3.2	5.1
		Three Hills	7,851	5,789	10,055	0.00	1.3	1.0	1.7
		Ilnik southern	31,932	23,003	41,658	0.00	5.3	3.9	7.0
		Ilnik northern	18,454	11,617	26,393	0.00	3.1	2.0	4.4
		Outer Port Heiden	0[b]	0	0	1.00	0.0	0.0	0.0
Central	Bristol Bay	Ugashik	0	0	1,089	0.64	0.0	0.0	0.2
		Egegik	0	0	977	0.67	0.0	0.0	0.2
		Naknek-Kvichak	1,408	0	18,917	0.27	0.2	0.0	3.1
		Nushagak	0	0	1,304	0.63	0.0	0.0	0.2
		Togiak	0	0	124	0.67	0.0	0.0	0.0
AYK	Kuskokwim Area	District 5	0	0	4	0.89	0.0	0.0	0.0
		District 4	0	0	11	0.87	0.0	0.0	0.0
Total			84,075						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
[a] Adjusted median. Adjustment values vary by area stratum (see area stratum harvest and harvest rate Appendix Dfor values).
[b] Outer Port Heiden Section closed entire 2006 fishing season.

Appendix F56.–Nelson subregional reporting group, 2007, all strata. Reporting group-specific harvest and harvest rate estimates by area stratum. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

			Harvest				Harvest Rate (%)		
				90% CI				90% CI	
Region	Fishery	Area stratum	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Westward	Chignik Area	Central	0	0	15	0.84	0.0	0.0	0.0
		Chignik Bay	0	0	64	0.73	0.0	0.0	0.0
		Western and Perryville	0	0	74	0.86	0.0	0.0	0.0
	SEDM	E. Step., Step. Flats	0	0	1	0.95	0.0	0.0	0.0
		Northwest Stepovak	0	0	0	1.00	0.0	0.0	0.0
		SW Step., Balboa, Beaver	0	0	260	0.86	0.0	0.0	0.0
	S. AK Pen June	Shumagin Islands	1,351	0	4,931	0.15	0.2	0.0	0.8
		Dolgoi Island	96	0	447	0.09	0.0	0.0	0.1
		Ikatan	407	59	1,197	0.00	0.1	0.0	0.2
		Unimak	0	0	143	0.77	0.0	0.0	0.0
	S. AK Pen post-June	Shumagin Islands	320	5	1,375	0.04	0.1	0.0	0.2
		Dolgoi Island	0	0	8	0.90	0.0	0.0	0.0
		Ikatan	13	0	299	0.46	0.0	0.0	0.0
	N. AK Pen	Bear River	17,371	13,628	21,409	0.00	2.7	2.2	3.4
		Three Hills	162	14	638	0.00	0.0	0.0	0.1
		Ilnik southern	41,240	31,179	52,402	0.00	6.5	5.0	8.2
		Ilnik northern	21,580	14,420	30,175	0.00	3.4	2.3	4.7
		Outer Port Heiden	4,560	2,284	7,725	0.00	0.7	0.4	1.2
Central	Bristol Bay	Ugashik	0	0	844	0.63	0.0	0.0	0.1
		Egegik	0	0	1,208	0.66	0.0	0.0	0.2
		Naknek-Kvichak	0	0	1,170	0.67	0.0	0.0	0.2
		Nushagak	0	0	1,121	0.67	0.0	0.0	0.2
		Togiak	0	0	116	0.74	0.0	0.0	0.0
AYK	Kuskokwim Area	District 5	0	0	6	0.88	0.0	0.0	0.0
		District 4	0	0	9	0.87	0.0	0.0	0.0
Total			87,100						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
[a] Adjusted median. Adjustment values vary by area stratum (see area stratum harvest and harvest rate Appendix Dfor values).

Appendix F57.–Nelson subregional reporting group, 2008, all strata. Reporting group-specific harvest and harvest rate estimates by area stratum. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

			Harvest				Harvest Rate (%)		
				90% CI				90% CI	
Region	Fishery	Area stratum	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Westward	Chignik Area	Central	0	0	28	0.80	0.0	0.0	0.0
		Chignik Bay	124	0	523	0.09	0.0	0.0	0.1
		Western and Perryville	79	0	398	0.07	0.0	0.0	0.1
	SEDM	E. Step., Step. Flats	0	0	1	0.95	0.0	0.0	0.0
		Northwest Stepovak	0	0	5	0.89	0.0	0.0	0.0
		SW Step., Balboa, Beaver	0	0	0	0.95	0.0	0.0	0.0
	S. AK Pen June	Shumagin Islands	0	0	45	0.87	0.0	0.0	0.0
		Dolgoi Island	4	1	11	0.00	0.0	0.0	0.0
		Ikatan	217	44	700	0.00	0.0	0.0	0.2
		Unimak	3,553	1,712	7,791	0.00	0.8	0.4	1.8
	S. AK Pen post-June	Shumagin Islands	129	0	603	0.08	0.0	0.0	0.1
		Dolgoi Island	0	0	191	0.50	0.0	0.0	0.0
		Ikatan	10	0	167	0.44	0.0	0.0	0.0
	N. AK Pen	Bear River	0	0	0	1.00	0.0	0.0	0.0
		Three Hills	0	0	0	1.00	0.0	0.0	0.0
		Ilnik southern	12,874	9,343	16,818	0.00	2.9	1.9	4.2
		Ilnik northern	2,154	303	5,523	0.00	0.5	0.1	1.3
		Outer Port Heiden	0	0	45	0.83	0.0	0.0	0.0
Central	Bristol Bay	Ugashik	0	0	353	0.70	0.0	0.0	0.1
		Egegik	0	0	889	0.67	0.0	0.0	0.2
		Naknek-Kvichak	0	0	1,840	0.61	0.0	0.0	0.4
		Nushagak	0	0	5,843	0.59	0.0	0.0	1.3
		Togiak	0	0	83	0.75	0.0	0.0	0.0
AYK	Kuskokwim Area	District 5	0	0	5	0.87	0.0	0.0	0.0
		District 4	0	0	6	0.88	0.0	0.0	0.0
Total			19,144						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
[a] Adjusted median. Adjustment values vary by area stratum (see area stratum harvest and harvest rate Appendix Dfor values).

Appendix F58.–Northwestern District-Black Hills subregional reporting group, 2006, all strata. Reporting group-specific harvest and harvest rate estimates by area stratum. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

			Harvest				Harvest Rate (%)		
				90% CI				90% CI	
Region	Fishery	Area stratum	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Westward	Chignik Area	Central	0	0	19	0.83	0.0	0.0	0.0
		Chignik Bay	0	0	117	0.71	0.0	0.0	0.0
		Western and Perryville	0	0	5	0.91	0.0	0.0	0.0
	SEDM	E. Step., Step. Flats	0	0	14	0.89	0.0	0.0	0.0
		Northwest Stepovak	0	0	32	0.84	0.0	0.0	0.0
		SW Step., Balboa, Beaver	0	0	9	0.90	0.0	0.0	0.0
	S. AK Pen June	Shumagin Islands	0	0	770	0.51	0.0	0.0	0.3
		Dolgoi Island	0	0	74	0.82	0.0	0.0	0.0
		Ikatan	0	0	20	0.84	0.0	0.0	0.0
		Unimak	0	0	168	0.68	0.0	0.0	0.1
	S. AK Pen post-June	Shumagin Islands	721	80	1,989	0.01	0.2	0.0	0.7
		Dolgoi Island	0	0	2	0.94	0.0	0.0	0.0
		Ikatan	14	0	49	0.05	0.0	0.0	0.0
	N. AK Pen	Bear River	1,115	193	4,231	0.00	0.3	0.1	1.5
		Three Hills	70	2	320	0.04	0.0	0.0	0.1
		Ilnik southern	0	0	362	0.75	0.0	0.0	0.1
		Ilnik northern	0	0	2,043	0.53	0.0	0.0	0.7
		Outer Port Heiden	0[b]	0	0	1.00	0.0	0.0	0.0
Central	Bristol Bay	Ugashik	0	0	1,468	0.50	0.0	0.0	0.5
		Egegik	0	0	1,099	0.67	0.0	0.0	0.4
		Naknek-Kvichak	0	0	3,620	0.53	0.0	0.0	1.1
		Nushagak	0	0	1,418	0.63	0.0	0.0	0.4
		Togiak	0	0	379	0.61	0.0	0.0	0.1
AYK	Kuskokwim Area	District 5	0	0	5	0.89	0.0	0.0	0.0
		District 4	0	0	48	0.83	0.0	0.0	0.0
Total			1,920						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
[a] Adjusted median. Adjustment values vary by area stratum (see area stratum harvest and harvest rate Appendix Dfor values).
[b] Outer Port Heiden Section closed entire 2006 fishing season.

Appendix F59.–Northwestern District-Black Hills subregional reporting group, 2007, all strata. Reporting group-specific harvest and harvest rate estimates by area stratum. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

			Harvest				Harvest Rate (%)		
				90% CI				90% CI	
Region	Fishery	Area stratum	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Westward	Chignik Area	Central	0	0	45	0.81	0.0	0.0	0.0
		Chignik Bay	0	0	76	0.72	0.0	0.0	0.0
		Western and Perryville	0	0	25	0.88	0.0	0.0	0.0
	SEDM	E. Step., Step. Flats	0	0	394	0.86	0.0	0.0	0.1
		Northwest Stepovak	0	0	1	0.93	0.0	0.0	0.0
		SW Step., Balboa, Beaver	0	0	30	0.91	0.0	0.0	0.0
	S. AK Pen June	Shumagin Islands	0	0	104	0.81	0.0	0.0	0.0
		Dolgoi Island	0	0	10	0.87	0.0	0.0	0.0
		Ikatan	0	0	428	0.61	0.0	0.0	0.1
		Unimak	0	0	56	0.83	0.0	0.0	0.0
	S. AK Pen post-June	Shumagin Islands	373	2	1,553	0.04	0.1	0.0	0.5
		Dolgoi Island	0	0	7	0.90	0.0	0.0	0.0
		Ikatan	0	0	0	0.95	0.0	0.0	0.0
	N. AK Pen	Bear River	3,849	2,142	6,127	0.00	1.2	0.5	2.5
		Three Hills	110	1	495	0.04	0.0	0.0	0.2
		Ilnik southern	2,520	764	5,689	0.00	0.8	0.2	2.1
		Ilnik northern	0	0	260	0.79	0.0	0.0	0.1
		Outer Port Heiden	0	0	81	0.82	0.0	0.0	0.0
Central	Bristol Bay	Ugashik	0	0	596	0.69	0.0	0.0	0.2
		Egegik	0	0	1,082	0.67	0.0	0.0	0.3
		Naknek-Kvichak	0	0	1,829	0.65	0.0	0.0	0.6
		Nushagak	0	0	1,430	0.66	0.0	0.0	0.4
		Togiak	0	0	817	0.67	0.0	0.0	0.2
AYK	Kuskokwim Area	District 5	0	0	7	0.88	0.0	0.0	0.0
		District 4	0	0	21	0.85	0.0	0.0	0.0
Total			6,852						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
[a] Adjusted median. Adjustment values vary by area stratum (see area stratum harvest and harvest rate Appendix Dfor values).

Appendix F60.–Northwestern District-Black Hills subregional reporting group, 2008, all strata. Reporting group-specific harvest and harvest rate estimates by area stratum. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

			Harvest				Harvest Rate (%)		
				90% CI				90% CI	
Region	Fishery	Area stratum	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Westward	Chignik Area	Central	0	0	60	0.79	0.0	0.0	0.0
		Chignik Bay	0	0	98	0.74	0.0	0.0	0.0
		Western and Perryville	151	15	481	0.01	0.0	0.0	0.1
	SEDM	E. Step., Step. Flats	0	0	40	0.91	0.0	0.0	0.0
		Northwest Stepovak	0	0	64	0.76	0.0	0.0	0.0
		SW Step., Balboa, Beaver	0	0	0	0.95	0.0	0.0	0.0
	S. AK Pen June	Shumagin Islands	1,953	416	5,255	0.00	0.3	0.1	1.1
		Dolgoi Island	0	0	7	0.87	0.0	0.0	0.0
		Ikatan	0	0	269	0.80	0.0	0.0	0.0
		Unimak	3,550	2,155	6,189	0.00	0.6	0.3	1.5
	S. AK Pen post-June	Shumagin Islands	613	0	2,210	0.12	0.1	0.0	0.5
		Dolgoi Island	74	5	327	0.00	0.0	0.0	0.1
		Ikatan	52	2	187	0.04	0.0	0.0	0.0
	N. AK Pen	Bear River	0	0	0	1.00	0.0	0.0	0.0
		Three Hills	0	0	0	1.00	0.0	0.0	0.0
		Ilnik southern	0	0	581	0.81	0.0	0.0	0.1
		Ilnik northern	0	0	52	0.87	0.0	0.0	0.0
		Outer Port Heiden	0	0	450	0.63	0.0	0.0	0.1
Central	Bristol Bay	Ugashik	0	0	4,193	0.56	0.0	0.0	0.8
		Egegik	0	0	2,339	0.64	0.0	0.0	0.4
		Naknek-Kvichak	0	0	2,186	0.60	0.0	0.0	0.4
		Nushagak	0	0	1,226	0.66	0.0	0.0	0.2
		Togiak	0	0	228	0.71	0.0	0.0	0.0
AYK	Kuskokwim Area	District 5	0	0	6	0.87	0.0	0.0	0.0
		District 4	0	0	12	0.86	0.0	0.0	0.0
Total			6,393						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
[a] Adjusted median. Adjustment values vary by area stratum (see area stratum harvest and harvest rate Appendix Dfor values).

Appendix F61.–South Peninsula subregional reporting group, 2006, all strata. Reporting group-specific harvest and harvest rate estimates by area stratum. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

			Harvest				Harvest Rate (%)		
				90% CI				90% CI	
Region	Fishery	Area stratum	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Westward	Chignik Area	Central	0	0	63	0.78	0.0	0.0	0.0
		Chignik Bay	0	0	208	0.67	0.0	0.0	0.1
		Western and Perryville	0	0	49	0.86	0.0	0.0	0.0
	SEDM	E. Step., Step. Flats	0	0	738	0.57	0.0	0.0	0.5
		Northwest Stepovak	386	261	535	0.00	0.2	0.1	0.5
		SW Step., Balboa, Beaver	156	0	467	0.13	0.1	0.0	0.4
	S. AK Pen June	Shumagin Islands	1,317	397	3,338	0.00	0.8	0.2	2.7
		Dolgoi Island	292	4	1,211	0.04	0.2	0.0	0.9
		Ikatan	250	95	594	0.00	0.2	0.0	0.5
		Unimak	939	313	2,230	0.00	0.6	0.2	1.9
	S. AK Pen post-June	Shumagin Islands	2,869	1,476	4,827	0.00	1.8	0.7	4.4
		Dolgoi Island	0	0	8	0.92	0.0	0.0	0.0
		Ikatan	1,037	816	1,247	0.00	0.7	0.3	1.4
	N. AK Pen	Bear River	0	0	84	0.81	0.0	0.0	0.1
		Three Hills	0	0	658	0.63	0.0	0.0	0.5
		Ilnik southern	0	0	1,004	0.75	0.0	0.0	0.7
		Ilnik northern	0	0	290	0.78	0.0	0.0	0.2
		Outer Port Heiden	0[b]	0	0	1.00	0.0	0.0	0.0
Central	Bristol Bay	Ugashik	0	0	473	0.68	0.0	0.0	0.3
		Egegik	0	0	3,332	0.60	0.0	0.0	2.2
		Naknek-Kvichak	0	0	2,859	0.55	0.0	0.0	1.9
		Nushagak	0	0	7,504	0.60	0.0	0.0	4.7
		Togiak	0	0	478	0.56	0.0	0.0	0.3
AYK	Kuskokwim Area	District 5	0	0	5	0.89	0.0	0.0	0.0
		District 4	0	0	30	0.84	0.0	0.0	0.0
Total			7,246						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
[a] Adjusted median. Adjustment values vary by area stratum (see area stratum harvest and harvest rate Appendix Dfor values).
[b] Outer Port Heiden Section closed entire 2006 fishing season.

Appendix F62.–South Peninsula subregional reporting group, 2007, all strata. Reporting group-specific harvest and harvest rate estimates by area stratum. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

			Harvest				Harvest Rate (%)		
				90% CI				90% CI	
Region	Fishery	Area stratum	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Westward	Chignik Area	Central	99	0	1,069	0.33	0.1	0.0	0.8
		Chignik Bay	0	0	264	0.64	0.0	0.0	0.2
		Western and Perryville	0	0	63	0.86	0.0	0.0	0.0
	SEDM	E. Step., Step. Flats	0	0	18	0.91	0.0	0.0	0.0
		Northwest Stepovak	9	6	12	0.00	0.0	0.0	0.0
		SW Step., Balboa, Beaver	0	0	1	0.94	0.0	0.0	0.0
	S. AK Pen June	Shumagin Islands	0	0	149	0.81	0.0	0.0	0.1
		Dolgoi Island	0	0	314	0.77	0.0	0.0	0.2
		Ikatan	0	0	170	0.78	0.0	0.0	0.1
		Unimak	841	175	3,352	0.00	0.5	0.1	2.5
	S. AK Pen post-June	Shumagin Islands	1,169	58	3,172	0.03	0.7	0.0	2.6
		Dolgoi Island	161	56	859	0.00	0.1	0.0	0.6
		Ikatan	1,334	787	1,939	0.00	0.8	0.3	1.9
	N. AK Pen	Bear River	809	0	4,781	0.39	0.5	0.0	3.9
		Three Hills	0	0	161	0.90	0.0	0.0	0.1
		Ilnik southern	0	0	232	0.79	0.0	0.0	0.1
		Ilnik northern	0	0	248	0.79	0.0	0.0	0.2
		Outer Port Heiden	0	0	1,217	0.69	0.0	0.0	0.8
Central	Bristol Bay	Ugashik	0	0	1,567	0.67	0.0	0.0	1.0
		Egegik	0	0	1,028	0.67	0.0	0.0	0.7
		Naknek-Kvichak	0	0	3,738	0.63	0.0	0.0	2.4
		Nushagak	0	0	1,486	0.66	0.0	0.0	1.0
		Togiak	0	0	1,230	0.62	0.0	0.0	0.8
AYK	Kuskokwim Area	District 5	0	0	8	0.88	0.0	0.0	0.0
		District 4	0	0	28	0.84	0.0	0.0	0.0
Total			4,422						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
[a] Adjusted median. Adjustment values vary by area stratum (see area stratum harvest and harvest rate Appendix Dfor values).

Appendix F63.–South Peninsula subregional reporting group, 2008, all strata. Reporting group-specific harvest and harvest rate estimates by area stratum. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

			Harvest				Harvest Rate (%)		
				90% CI				90% CI	
Region	Fishery	Area stratum	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Westward	Chignik Area	Central	1,489	947	2,175	0.00	0.7	0.3	1.3
		Chignik Bay	0	0	102	0.74	0.0	0.0	0.0
		Western and Perryville	8,497	7,033	9,965	0.00	3.9	2.0	6.8
	SEDM	E. Step., Step. Flats	0	0	1	0.94	0.0	0.0	0.0
		Northwest Stepovak	12,322	10,830	13,594	0.00	5.6	2.9	9.8
		SW Step., Balboa, Beaver	1,746	1,001	2,691	0.00	0.8	0.3	1.6
	S. AK Pen June	Shumagin Islands	0	0	1,881	0.71	0.0	0.0	0.9
		Dolgoi Island	2	0	152	0.23	0.0	0.0	0.1
		Ikatan	209	43	590	0.00	0.1	0.0	0.3
		Unimak	5,012	1,696	10,035	0.00	2.2	0.7	5.5
	S. AK Pen post-June	Shumagin Islands	9,670	6,937	12,857	0.00	4.4	2.1	8.1
		Dolgoi Island	1,327	769	1,980	0.00	0.6	0.3	1.2
		Ikatan	2,658	2,063	3,176	0.00	1.2	0.6	2.1
	N. AK Pen	Bear River	0	0	0	1.00	0.0	0.0	0.0
		Three Hills	0	0	0	1.00	0.0	0.0	0.0
		Ilnik southern	0	0	209	0.83	0.0	0.0	0.1
		Ilnik northern	0	0	72	0.86	0.0	0.0	0.0
		Outer Port Heiden	0	0	197	0.72	0.0	0.0	0.1
Central	Bristol Bay	Ugashik	0	0	371	0.69	0.0	0.0	0.2
		Egegik	0	0	1,308	0.66	0.0	0.0	0.6
		Naknek-Kvichak	1,557	0	14,019	0.09	0.7	0.0	6.4
		Nushagak	0	0	1,335	0.66	0.0	0.0	0.6
		Togiak	0	0	160	0.71	0.0	0.0	0.1
AYK	Kuskokwim Area	District 5	0	0	6	0.86	0.0	0.0	0.0
		District 4	0	0	101	0.81	0.0	0.0	0.0
Total			44,489						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
[a] Adjusted median. Adjustment values vary by area stratum (see area stratum harvest and harvest rate Appendix Dfor values).

Appendix F64.–Black Lake subregional reporting group, 2006, all strata. Reporting group-specific harvest and harvest rate estimates by area stratum. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

			Harvest				Harvest Rate (%)		
				90% CI				90% CI	
Region	Fishery	Area stratum	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Westward	Chignik Area	Central	77,255	72,142	81,562	0.00	5.7	5.3	6.1
		Chignik Bay	434,519	412,787	454,841	0.00	32.2	30.9	33.6
		Western and Perryville	24,311	21,293	27,274	0.00	1.8	1.6	2.0
	SEDM	E. Step., Step. Flats	19,573	14,932	24,571	0.00	1.4	1.1	1.8
		Northwest Stepovak	104	1	250	0.04	0.0	0.0	0.0
		SW Step., Balboa, Beaver	12,897	10,106	15,911	0.00	1.0	0.8	1.2
	S. AK Pen June	Shumagin Islands	73,914	63,612	83,105	0.00	5.4	4.7	6.2
		Dolgoi Island	171,745	158,355	180,475	0.00	12.6	11.8	13.4
		Ikatan	7,736	6,674	8,619	0.00	0.6	0.5	0.6
		Unimak	50,816	44,494	56,229	0.00	3.7	3.3	4.2
	S. AK Pen post-June	Shumagin Islands	21,081	16,236	26,127	0.00	1.6	1.2	1.9
		Dolgoi Island	86,601	72,959	99,826	0.00	6.4	5.5	7.4
		Ikatan	178	0	405	0.09	0.0	0.0	0.0
	N. AK Pen	Bear River	0	0	122	0.81	0.0	0.0	0.0
		Three Hills	0	0	14	0.89	0.0	0.0	0.0
		Ilnik southern	0	0	2,059	0.64	0.0	0.0	0.2
		Ilnik northern	0	0	1,738	0.64	0.0	0.0	0.1
		Outer Port Heiden	0[b]	0	0	1.00	0.0	0.0	0.0
Central	Bristol Bay	Ugashik	0	0	537	0.67	0.0	0.0	0.0
		Egegik	0	0	944	0.67	0.0	0.0	0.1
		Naknek-Kvichak	0	0	1,269	0.58	0.0	0.0	0.1
		Nushagak	0	0	1,316	0.63	0.0	0.0	0.1
		Togiak	0	0	156	0.66	0.0	0.0	0.0
AYK	Kuskokwim Area	District 5	0	0	7	0.88	0.0	0.0	0.0
		District 4	0	0	11	0.87	0.0	0.0	0.0
Total			980,730						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
[a] Adjusted median. Adjustment values vary by area stratum (see area stratum harvest and harvest rate Appendix Dfor values).
[b] Outer Port Heiden Section closed entire 2006 fishing season.

Appendix F65.–Black Lake subregional reporting group, 2007, all strata. Reporting group-specific harvest and harvest rate estimates by area stratum. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

			Harvest				Harvest Rate (%)		
				90% CI				90% CI	
Region	Fishery	Area stratum	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Westward	Chignik Area	Central	35,756	31,624	39,768	0.00	5.3	4.7	5.9
		Chignik Bay	176,746	165,560	187,709	0.00	26.2	24.6	27.8
		Western and Perryville	23,266	18,964	27,378	0.00	3.4	2.8	4.1
	SEDM	E. Step., Step. Flats	5	0	1,516	0.42	0.0	0.0	0.2
		Northwest Stepovak	2	0	6	0.13	0.0	0.0	0.0
		SW Step., Balboa, Beaver	37	0	1,604	0.34	0.0	0.0	0.2
	S. AK Pen June	Shumagin Islands	15,618	9,058	23,709	0.00	2.3	1.4	3.5
		Dolgoi Island	16,051	13,599	18,302	0.00	2.3	2.0	2.7
		Ikatan	3,946	2,478	5,589	0.00	0.6	0.4	0.8
		Unimak	10,823	6,455	16,182	0.00	1.6	1.0	2.4
	S. AK Pen post-June	Shumagin Islands	9,634	6,126	13,550	0.00	1.4	0.9	2.0
		Dolgoi Island	16,360	10,047	23,276	0.00	2.4	1.5	3.4
		Ikatan	528	0	1,304	0.20	0.1	0.0	0.2
	N. AK Pen	Bear River	0	0	420	0.80	0.0	0.0	0.1
		Three Hills	0	0	1	0.95	0.0	0.0	0.0
		Ilnik southern	0	0	145	0.81	0.0	0.0	0.0
		Ilnik northern	0	0	344	0.77	0.0	0.0	0.1
		Outer Port Heiden	0	0	77	0.82	0.0	0.0	0.0
Central	Bristol Bay	Ugashik	0	0	606	0.69	0.0	0.0	0.1
		Egegik	0	0	986	0.67	0.0	0.0	0.1
		Naknek-Kvichak	0	0	1,418	0.66	0.0	0.0	0.2
		Nushagak	0	0	1,104	0.67	0.0	0.0	0.2
		Togiak	0	0	121	0.73	0.0	0.0	0.0
AYK	Kuskokwim Area	District 5	0	0	9	0.88	0.0	0.0	0.0
		District 4	0	0	21	0.85	0.0	0.0	0.0
Total			308,772						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
[a] Adjusted median. Adjustment values vary by area stratum (see area stratum harvest and harvest rate Appendix Dfor values).

Appendix F66.–Black Lake subregional reporting group, 2008, all strata. Reporting group-specific harvest and harvest rate estimates by area stratum. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

			Harvest				Harvest Rate (%)		
				90% CI				90% CI	
Region	Fishery	Area stratum	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Westward	Chignik Area	Central	34,503	31,241	37,263	0.00	4.8	4.4	5.3
		Chignik Bay	208,831	194,842	222,502	0.00	29.4	27.6	31.2
		Western and Perryville	11,124	9,358	12,842	0.00	1.6	1.3	1.8
	SEDM	E. Step., Step. Flats	0	0	11	0.92	0.0	0.0	0.0
		Northwest Stepovak	10,758	9,183	12,145	0.00	1.5	1.3	1.7
		SW Step., Balboa, Beaver	0	0	7	0.92	0.0	0.0	0.0
	S. AK Pen June	Shumagin Islands	26,992	18,529	35,879	0.00	3.7	2.6	5.0
		Dolgoi Island	11,248	9,883	12,324	0.00	1.6	1.4	1.7
		Ikatan	5,453	3,211	8,176	0.00	0.7	0.5	1.2
		Unimak	10,508	4,594	18,547	0.00	1.5	0.7	2.6
	S. AK Pen post-June	Shumagin Islands	6,885	4,534	9,719	0.00	1.0	0.6	1.4
		Dolgoi Island	2,548	1,537	3,725	0.00	0.4	0.2	0.5
		Ikatan	99	0	542	0.39	0.0	0.0	0.1
	N. AK Pen	Bear River	0	0	0	1.00	0.0	0.0	0.0
		Three Hills	0	0	0	1.00	0.0	0.0	0.0
		Ilnik southern	0	0	19	0.88	0.0	0.0	0.0
		Ilnik northern	0	0	45	0.87	0.0	0.0	0.0
		Outer Port Heiden	0	0	34	0.84	0.0	0.0	0.0
Central	Bristol Bay	Ugashik	0	0	299	0.70	0.0	0.0	0.0
		Egegik	0	0	1,155	0.66	0.0	0.0	0.2
		Naknek-Kvichak	0	0	3,815	0.58	0.0	0.0	0.5
		Nushagak	0	0	1,153	0.66	0.0	0.0	0.2
		Togiak	175	0	756	0.23	0.0	0.0	0.1
AYK	Kuskokwim Area	District 5	0	0	7	0.86	0.0	0.0	0.0
		District 4	0	0	7	0.88	0.0	0.0	0.0
Total			329,124						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
[a] Adjusted median. Adjustment values vary by area stratum (see area stratum harvest and harvest rate Appendix Dfor values).

Appendix F67.–Chignik Lake subregional reporting group, 2006, all strata. Reporting group-specific harvest and harvest rate estimates by area stratum. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

			Harvest				Harvest Rate (%)		
				90% CI				90% CI	
Region	Fishery	Area stratum	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Westward	Chignik Area	Central	23,222	20,296	26,154	0.00	2.4	2.1	2.8
		Chignik Bay	289,281	270,823	307,480	0.00	30.2	28.5	32.0
		Western and Perryville	22,698	19,671	25,657	0.00	2.4	2.1	2.7
	SEDM	E. Step., Step. Flats	63,144	55,582	70,156	0.00	6.6	5.8	7.4
		Northwest Stepovak	3,761	3,336	4,149	0.00	0.4	0.3	0.4
		SW Step., Balboa, Beaver	32,382	28,133	36,550	0.00	3.4	2.9	3.8
	S. AK Pen June	Shumagin Islands	3,536	37	7,115	0.04	0.4	0.0	0.7
		Dolgoi Island	5	0	6,428	0.43	0.0	0.0	0.7
		Ikatan	0	0	441	0.62	0.0	0.0	0.0
		Unimak	0	0	289	0.60	0.0	0.0	0.0
	S. AK Pen post-June	Shumagin Islands	64,529	57,123	71,317	0.00	6.7	6.0	7.5
		Dolgoi Island	79,071	65,729	92,021	0.00	8.2	6.9	9.6
		Ikatan	1,140	855	1,409	0.00	0.1	0.1	0.1
	N. AK Pen	Bear River	549	10	2,111	0.04	0.1	0.0	0.2
		Three Hills	0	0	25	0.86	0.0	0.0	0.0
		Ilnik southern	0	0	335	0.78	0.0	0.0	0.0
		Ilnik northern	0	0	838	0.77	0.0	0.0	0.1
		Outer Port Heiden	0[b]	0	0	1.00	0.0	0.0	0.0
Central	Bristol Bay	Ugashik	0	0	355	0.69	0.0	0.0	0.0
		Egegik	0	0	1,028	0.67	0.0	0.0	0.1
		Naknek-Kvichak	0	0	1,215	0.58	0.0	0.0	0.1
		Nushagak	0	0	2,334	0.61	0.0	0.0	0.2
		Togiak	0	0	328	0.60	0.0	0.0	0.0
AYK	Kuskokwim Area	District 5	0	0	7	0.88	0.0	0.0	0.0
		District 4	0	0	12	0.87	0.0	0.0	0.0
Total			583,318						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
[a] Adjusted median. Adjustment values vary by area stratum (see area stratum harvest and harvest rate Appendix Dfor values).
[b] Outer Port Heiden Section closed entire 2006 fishing season.

Appendix F68.–Chignik Lake subregional reporting group, 2007, all strata. Reporting group-specific harvest and harvest rate estimates by area stratum. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

			Harvest				Harvest Rate (%)		
				90% CI				90% CI	
Region	Fishery	Area stratum	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Westward	Chignik Area	Central	97,929	90,849	103,666	0.00	10.0	9.4	10.7
		Chignik Bay	365,025	347,512	382,121	0.00	37.6	36.1	39.1
		Western and Perryville	47,706	42,100	52,519	0.00	4.9	4.3	5.4
	SEDM	E. Step., Step. Flats	26,690	22,740	30,437	0.00	2.7	2.3	3.1
		Northwest Stepovak	84	75	93	0.00	0.0	0.0	0.0
		SW Step., Balboa, Beaver	27,127	23,044	30,735	0.00	2.8	2.4	3.2
	S. AK Pen June	Shumagin Islands	6,836	2,531	12,443	0.01	0.7	0.3	1.3
		Dolgoi Island	2,303	793	3,982	0.00	0.2	0.1	0.4
		Ikatan	1	0	925	0.49	0.0	0.0	0.1
		Unimak	0	0	4,044	0.54	0.0	0.0	0.4
	S. AK Pen post-June	Shumagin Islands	24,595	19,901	29,430	0.00	2.5	2.1	3.0
		Dolgoi Island	71,239	59,447	81,683	0.00	7.2	6.2	8.4
		Ikatan	2,348	1,443	3,227	0.00	0.2	0.1	0.3
	N. AK Pen	Bear River	1,513	508	3,143	0.00	0.2	0.1	0.3
		Three Hills	0	0	2	0.94	0.0	0.0	0.0
		Ilnik southern	0	0	126	0.81	0.0	0.0	0.0
		Ilnik northern	0	0	600	0.75	0.0	0.0	0.1
		Outer Port Heiden	199	0	1,475	0.36	0.0	0.0	0.2
Central	Bristol Bay	Ugashik	0	0	506	0.70	0.0	0.0	0.1
		Egegik	0	0	1,323	0.66	0.0	0.0	0.1
		Naknek-Kvichak	0	0	1,511	0.66	0.0	0.0	0.2
		Nushagak	0	0	1,104	0.67	0.0	0.0	0.1
		Togiak	0	0	464	0.67	0.0	0.0	0.0
AYK	Kuskokwim Area	District 5	0	0	9	0.88	0.0	0.0	0.0
		District 4	0	0	24	0.85	0.0	0.0	0.0
Total			673,595						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
[a] Adjusted median. Adjustment values vary by area stratum (see area stratum harvest and harvest rate Appendix Dfor values).

Appendix F69.–Chignik Lake subregional reporting group, 2008, all strata. Reporting group-specific harvest and harvest rate estimates by area stratum. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

			Harvest				Harvest Rate (%)		
				90% CI				90% CI	
Region	Fishery	Area stratum	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Westward	Chignik Area	Central	39,902	36,682	42,647	0.00	4.6	4.3	5.0
		Chignik Bay	317,165	298,424	335,269	0.00	37.1	35.3	38.9
		Western and Perryville	16,774	14,505	18,836	0.00	1.9	1.7	2.2
	SEDM	E. Step., Step. Flats	28,188	24,534	31,622	0.00	3.3	2.9	3.7
		Northwest Stepovak	11,268	9,783	12,594	0.00	1.3	1.1	1.5
		SW Step., Balboa, Beaver	23,895	20,876	26,551	0.00	2.8	2.4	3.1
	S. AK Pen June	Shumagin Islands	0	0	6,802	0.61	0.0	0.0	0.8
		Dolgoi Island	1,025	493	1,686	0.00	0.1	0.1	0.2
		Ikatan	0	0	782	0.74	0.0	0.0	0.1
		Unimak	36	0	5,404	0.44	0.0	0.0	0.6
	S. AK Pen post-June	Shumagin Islands	56,646	50,183	62,157	0.00	6.6	5.9	7.3
		Dolgoi Island	24,158	21,449	26,117	0.00	2.8	2.5	3.1
		Ikatan	2,055	1,507	2,547	0.00	0.2	0.2	0.3
	N. AK Pen	Bear River	0	0	0	1.00	0.0	0.0	0.0
		Three Hills	0	0	0	1.00	0.0	0.0	0.0
		Ilnik southern	0	0	35	0.87	0.0	0.0	0.0
		Ilnik northern	0	0	158	0.84	0.0	0.0	0.0
		Outer Port Heiden	0	0	40	0.84	0.0	0.0	0.0
Central	Bristol Bay	Ugashik	0	0	298	0.70	0.0	0.0	0.0
		Egegik	0	0	917	0.67	0.0	0.0	0.1
		Naknek-Kvichak	0	0	3,440	0.59	0.0	0.0	0.4
		Nushagak	0	0	1,241	0.66	0.0	0.0	0.1
		Togiak	0	0	116	0.73	0.0	0.0	0.0
AYK	Kuskokwim Area	District 5	0	0	7	0.86	0.0	0.0	0.0
		District 4	0	0	7	0.88	0.0	0.0	0.0
Total			521,112						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.
Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent.
[a] Adjusted median. Adjustment values vary by area stratum (see area stratum harvest and harvest rate Appendix Dfor values).

Appendix F70.–East of WASSIP subregional reporting group, 2006, all strata. Reporting group-specific harvest and harvest rate estimates by area stratum. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

			Harvest				Harvest Rate (%)		
				90% CI				90% CI	
Region	Fishery	Area stratum	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Westward	Chignik Area	Central	1,411	889	2,082	0.00	–	–	–
		Chignik Bay	0	0	255	0.67	–	–	–
		Western and Perryville	22,278	19,825	24,672	0.00	–	–	–
	SEDM	E. Step., Step. Flats	62,680	56,026	68,800	0.00	–	–	–
		Northwest Stepovak	1,387	1,136	1,638	0.00	–	–	–
		SW Step., Balboa, Beaver	43,484	39,137	47,658	0.00	–	–	–
	S. AK Pen June	Shumagin Islands	117,493	105,433	127,269	0.00	–	–	–
		Dolgoi Island	55,173	48,856	60,439	0.00	–	–	–
		Ikatan	5,077	4,275	5,806	0.00	–	–	–
		Unimak	24,570	20,060	28,971	0.00	–	–	–
	S. AK Pen post-June	Shumagin Islands	198,106	185,502	207,562	0.00	–	–	–
		Dolgoi Island	78,781	67,882	89,238	0.00	–	–	–
		Ikatan	3,176	2,730	3,520	0.00	–	–	–
	N. AK Pen	Bear River	26,316	20,595	32,600	0.00	–	–	–
		Three Hills	4,538	3,316	5,910	0.00	–	–	–
		Ilnik southern	27,863	21,008	35,520	0.00	–	–	–
		Ilnik northern	17,859	13,197	23,010	0.00	–	–	–
		Outer Port Heiden	0[b]	0	0	1.00	–	–	–
Central	Bristol Bay	Ugashik	0	0	428	0.68	–	–	–
		Egegik	0	0	2,490	0.63	–	–	–
		Naknek-Kvichak	0	0	1,536	0.58	–	–	–
		Nushagak	0	0	1,810	0.62	–	–	–
		Togiak	0	0	149	0.66	–	–	–
AYK	Kuskokwim Area	District 5	0	0	9	0.88	–	–	–
		District 4	0	0	13	0.87	–	–	–
Total			690,192						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.

Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent. Total run for East of WASSIP was not estimated for WASSIP; therefore, no harvest rate estimates are provided.

[a] Adjusted median. Adjustment values vary by area stratum (see area stratum harvest and harvest rate Appendix Dfor values).

[b] Outer Port Heiden Section closed entire 2006 fishing season.

Appendix F71.–East of WASSIP subregional reporting group, 2007, all strata. Reporting group-specific harvest and harvest rate estimates by area stratum. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

			Harvest				Harvest Rate (%)		
				90% CI				90% CI	
Region	Fishery	Area stratum	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Westward	Chignik Area	Central	1,482	417	2,821	0.00	–	–	–
		Chignik Bay	136	0	620	0.08	–	–	–
		Western and Perryville	34,939	30,780	38,518	0.00	–	–	–
	SEDM	E. Step., Step. Flats	45,620	40,498	50,197	0.00	–	–	–
		Northwest Stepovak	31	25	37	0.00	–	–	–
		SW Step., Balboa, Beaver	45,960	40,596	50,419	0.00	–	–	–
	S. AK Pen June	Shumagin Islands	60,440	48,478	72,105	0.00	–	–	–
		Dolgoi Island	33,905	30,778	36,357	0.00	–	–	–
		Ikatan	9,547	7,353	11,757	0.00	–	–	–
		Unimak	30,456	22,918	38,088	0.00	–	–	–
	S. AK Pen post-June	Shumagin Islands	105,651	95,666	113,776	0.00	–	–	–
		Dolgoi Island	135,740	119,824	148,108	0.00	–	–	–
		Ikatan	9,068	7,551	10,080	0.00	–	–	–
	N. AK Pen	Bear River	29,926	24,926	35,014	0.00	–	–	–
		Three Hills	5,011	3,610	6,635	0.00	–	–	–
		Ilnik southern	27,414	20,145	35,740	0.00	–	–	–
		Ilnik northern	48,347	38,544	58,100	0.00	–	–	–
		Outer Port Heiden	12,482	8,627	17,064	0.00	–	–	–
Central	Bristol Bay	Ugashik	121	3	894	0.04	–	–	–
		Egegik	0	0	1,079	0.67	–	–	–
		Naknek-Kvichak	0	0	2,041	0.65	–	–	–
		Nushagak	0	0	1,563	0.66	–	–	–
		Togiak	0	0	220	0.71	–	–	–
AYK	Kuskokwim Area	District 5	0	0	7	0.88	–	–	–
		District 4	0	0	11	0.87	–	–	–
Total			636,276						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.

Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent. Total run for East of WASSIP was not estimated for WASSIP; therefore, no harvest rate estimates are provided.

[a] Adjusted median. Adjustment values vary by area stratum (see area stratum harvest and harvest rate Appendix Dfor values).

Appendix F72.–East of WASSIP subregional reporting group, 2008, all strata. Reporting group-specific harvest and harvest rate estimates by area stratum. Medians, 90% credibility intervals, and the probability that reporting group harvest estimate is equal to zero ($P = 0$) are reported.

			Harvest				Harvest Rate (%)		
				90% CI				90% CI	
Region	Fishery	Area stratum	Median[a]	5%	95%	$P = 0$	Median	5%	95%
Westward	Chignik Area	Central	3,337	2,499	4,280	0.00	–	–	–
		Chignik Bay	0	0	59	0.77	–	–	–
		Western and Perryville	10,000	8,491	11,476	0.00	–	–	–
	SEDM	E. Step., Step. Flats	32,993	29,050	36,696	0.00	–	–	–
		Northwest Stepovak	6,891	5,855	7,840	0.00	–	–	–
		SW Step., Balboa, Beaver	16,503	13,987	18,813	0.00	–	–	–
	S. AK Pen June	Shumagin Islands	65,751	52,980	78,055	0.00	–	–	–
		Dolgoi Island	5,752	4,808	6,603	0.00	–	–	–
		Ikatan	2,672	1,362	4,724	0.00	–	–	–
		Unimak	10,031	6,099	15,252	0.00	–	–	–
	S. AK Pen post-June	Shumagin Islands	94,462	86,362	100,791	0.00	–	–	–
		Dolgoi Island	21,806	19,345	23,639	0.00	–	–	–
		Ikatan	3,233	2,620	3,749	0.00	–	–	–
	N. AK Pen	Bear River	0	0	0	1.00	–	–	–
		Three Hills	0	0	0	1.00	–	–	–
		Ilnik southern	483	0	3,012	0.19	–	–	–
		Ilnik northern	2,576	927	5,434	0.00	–	–	–
		Outer Port Heiden	305	90	733	0.00	–	–	–
Central	Bristol Bay	Ugashik	0	0	512	0.69	–	–	–
		Egegik	0	0	1,933	0.63	–	–	–
		Naknek-Kvichak	0	0	4,041	0.58	–	–	–
		Nushagak	0	0	1,737	0.65	–	–	–
		Togiak	0	0	87	0.74	–	–	–
AYK	Kuskokwim Area	District 5	0	0	8	0.86	–	–	–
		District 4	0	0	7	0.88	–	–	–
Total			276,795						

Note: Harvest is the number of sockeye salmon reported to have been harvested in the area stratum.

Note: Harvest rate is the area stratum harvest divided by the total run within the WASSIP area for a given reporting group, expressed as a percent. Total run for East of WASSIP was not estimated for WASSIP; therefore, no harvest rate estimates are provided.

[a] Adjusted median. Adjustment values vary by area stratum (see area stratum harvest and harvest rate Appendix Dfor values).