

**Table 1.**—Projections of 2009 Alaska commercial salmon harvests, by fishing area and species, in thousands of fish.

Fishing Area	Species					Total
	Chinook	Sockeye	Coho	Pink	Chum	
<b>Southeast Alaska</b>						
Natural Production				41,000	2,100 <sup>a</sup>	43,100
Hatchery Production <sup>b</sup>		228		1,230	7,900	9,358
<b>Southeast Region Total</b>	n/a <sup>c</sup>	1,465 <sup>a</sup>	2,523 <sup>a</sup>	42,230	10,000	56,218
<b>Prince William Sound</b>						
Natural Production	53 <sup>d</sup>	827 <sup>e</sup>	343 <sup>f</sup>	12,280	176 <sup>a</sup>	13,679
Hatchery Production <sup>g</sup>	0	1,033	367	25,597	3,250	30,246
Upper Cook Inlet	20 <sup>a</sup>	3,000	210 <sup>a</sup>	70 <sup>h</sup>	80 <sup>a</sup>	3,380
Lower Cook Inlet	1 <sup>i</sup>	300 <sup>j</sup>	14 <sup>i</sup>	998 <sup>j</sup>	45 <sup>k</sup>	1,358
Bristol Bay	83 <sup>r</sup>	23,990	79 <sup>a</sup>	1 <sup>s</sup>	1,535 <sup>a</sup>	25,688
<b>Central Region Total</b>	157	29,150	1,013	38,946	5,086	74,351
<b>Kodiak</b>						
Natural Production	20 <sup>l</sup>	1,369 <sup>m</sup>	270 <sup>n</sup>	12,200 <sup>o</sup>	505 <sup>p</sup>	14,364
Hatchery Production <sup>n</sup>	0	299 <sup>q</sup>	148 <sup>r</sup>	10,000 <sup>r</sup>	118 <sup>r</sup>	10,565
Chignik	2 <sup>s</sup>	632 <sup>t</sup>	91 <sup>s</sup>	1,598 <sup>s</sup>	117 <sup>s</sup>	2,440
South Alaska Peninsula	6 <sup>u</sup>	2,212 <sup>u</sup>	185 <sup>u</sup>	8,073 <sup>u</sup>	840 <sup>u</sup>	11,316
North Alaska Peninsula	7 <sup>v</sup>	2,800 <sup>v</sup>	70 <sup>v</sup>	50 <sup>v</sup>	150 <sup>v</sup>	3,077
<b>Westward Region Total</b>	34	7,312	764	31,921	1,730	41,761
<b>Arctic-Yukon-Kuskokwim Region Total</b>	58	240	378	101	1,743 <sup>w</sup>	2,520
<b>Statewide Total</b>	249	38,167	4,678	113,198	18,559	174,850

Note: Columns and rows may not total exactly due to rounding.

<sup>a</sup> Average harvest for the 5-year 2004 to 2008 period.

<sup>b</sup> Hatchery projections made by Southeast Regional Aquaculture Association, Northern Southeast Regional Aquaculture Association, Douglas Island Pink and Chum.

<sup>c</sup> Southeast Alaska Chinook salmon harvests are primarily driven by the all-gear harvest allocation determined by the Chinook Technical Committee of the Pacific Salmon Commission. The all-gear harvest allocation will be available in late March or early April and will be announced via News Release at that time.

<sup>d</sup> Forecast based on 5-year average total run size and commercial exploitation rate (2003 to 2007).

<sup>e</sup> Includes harvest estimates for Coghil and Eshamy lakes, Unakwik District and Copper River sockeye salmon.

<sup>f</sup> Ten-year average harvest (1999 to 2008) in the Copper River and Bering River districts.

<sup>g</sup> Hatchery projections made by Prince William Sound Aquaculture Corporation (PWSAC) and Valdez Fisheries Development Association (VFDA). The Solf Lake sockeye salmon remote release and the Whittier, Cordova, and Chenege coho salmon remote releases were excluded.

<sup>h</sup> Average harvest during the past 5 even-numbered years.

<sup>i</sup> Commercial harvest forecasts of Chinook and coho salmon represent average harvests since 1980 and are comprised of a combination of naturally-produced fish as well as fish produced from enhancement programs in Lower Cook Inlet; no attempt is made to separate the 2 components.

<sup>j</sup> Includes common property plus cost recovery harvests.

<sup>k</sup> Forecasts for chum salmon are simply average annual commercial harvests since 1989.

<sup>l</sup> Kodiak Chinook: annual projection of harvest (non-targeted).

<sup>m</sup> Kodiak natural sockeye: includes the formal forecasts of harvest (968,000 fish) for major Kodiak Management Area stocks (Appendix E); remaining harvest projection was calculated by applying the 10-year (1999 to 2008) average proportion of total harvest allocated to systems with a formal forecast to the 2009 total formal forecast.

<sup>n</sup> Kodiak natural coho: sum of 5-year (2004 to 2008) harvest median by geographical area.

<sup>o</sup> Kodiak natural pink: formal forecast (see Appendix E).

<sup>p</sup> Kodiak natural chum: estimated using a modified Ricker spawner-recruit model fit to the Kodiak Management Area returns from 1993 to 2008. Adjustment of model estimate was calculated from the negative correlation between model residuals and estimated abundance of pink salmon fry (interspecies competition) during early marine life history.

<sup>q</sup> Kodiak hatchery sockeye: includes the formal harvest forecast (183,000 fish) for the Spiridon Lake (Appendix E) and harvest projections (116,000 fish) provided by the Kodiak Regional Aquaculture Association for stocking projects at Hidden, Waterfall, Crescent, and Little Kitoi lakes.

<sup>r</sup> Kodiak hatchery coho, pink, and chum: harvest projections provided by Kitoi Bay Hatchery personnel.

<sup>s</sup> Chignik Chinook, coho, pink, and chum: based on 3-year, 2006 to 2008 average harvests (post cooperative fishery).

<sup>t</sup> Chignik sockeye: formal forecast (see Appendix F).

<sup>u</sup> South Alaska Peninsula: 5-year (2004 to 2008) average harvest.

<sup>v</sup> North Alaska Peninsula: based on 10-year average harvests, recent run trends, and market conditions. Sockeye projection includes formal forecasts of harvest for the late-run Bear Lake (675,000 fish) and Nelson River (270,000 fish) stocks (Appendix H).

<sup>w</sup> Includes 250,000 fall chum.