Western Alaska Salmon Stock Identification Program (WASSIP):
Sockeye Salmon: What Proportion of Each Stock (Harvest Rate) were Caught in a Given Fishery?

North Alaska Peninsula Fishery

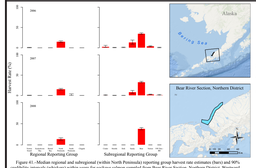


Figure 41.–Median regional and subregional (within North Peninsula) reporting group harvest rate estimates (bars) and 90% credibility intervals (whiskers) within years for sockeye salmon sampled from Bear River Section, Northern District, Westward Region (map) from 2006 to 2008 for the Western Alaska Salmon Stock Identification Program.

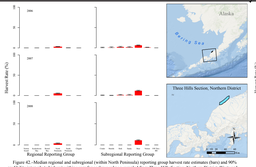


Figure 42.–Median regional and subregional (within North Peninsula) reporting group harvest rate estimates (bars) and 90% credibility intervals (whiskers) within years for sockeye salmon sampled from Three Hills Section, Northern District, Westward Region (map) from 2006 to 2008 for the Western Alaska Salmon Stock Identification Program.

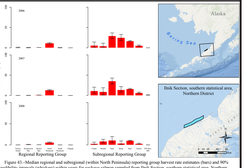


Figure 43.–Median regional and subregional (within North Peninsula) reporting group harvest rate estimates (bars) and 90% credibility intervals (whiskers) within years for sockeye salmon sampled from Ilnik Section, southern statistical area, Northern District, Westward Region (map) from 2006 to 2008 for the Western Alaska Salmon Stock Identification Program.

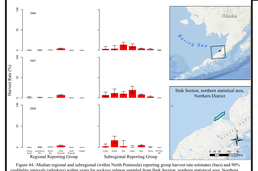


Figure 44.–Median regional and subregional (within North Peninsula) reporting group harvest rate estimates (bars) and 90% credibility intervals (whiskers) within years for sockeye salmon sampled from Ilnik Section, southern statistical area, Northern District, Westward Region (map) from 2006 to 2008 for the Western Alaska Salmon Stock Identification Program.

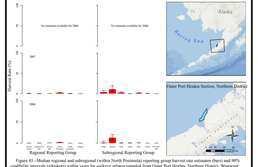


Figure 45.–Median regional and subregional (within North Peninsula) reporting group harvest rate estimates (bars) and 90% credibility intervals (whiskers) within years for sockeye salmon sampled from Outer Port Heiden, Northern District, Westward Region (map) from 2006 to 2008 for the Western Alaska Salmon Stock Identification Program.

Kuskokwim Fishery

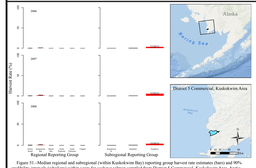


Figure 51.–Median regional and subregional (within Kuskokwim Bay) reporting group harvest rate estimates (bars) and 90% credibility intervals (whiskers) within years for sockeye salmon sampled from District 7 Commercial, Kuskokwim Area, Arctic-Yukon-Kuskokwim Region (map) from 2006 to 2008 for the Western Alaska Salmon Stock Identification Program.

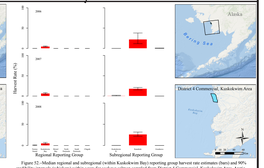


Figure 52.–Median regional and subregional (within Kuskokwim Bay) reporting group harvest rate estimates (bars) and 90% credibility intervals (whiskers) within years for sockeye salmon sampled from District 4 Commercial, Kuskokwim Area, Arctic-Yukon-Kuskokwim Region (map) from 2006 to 2008 for the Western Alaska Salmon Stock Identification Program.

Bristol Bay Fishery

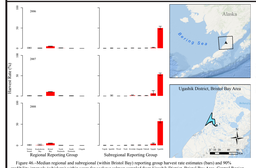


Figure 46.–Median regional and subregional (within Bristol Bay) reporting group harvest rate estimates (bars) and 90% credibility intervals (whiskers) within years for sockeye salmon sampled from Ugashik District, Bristol Bay Area, Central Region (map) from 2006 to 2008 for the Western Alaska Salmon Stock Identification Program.

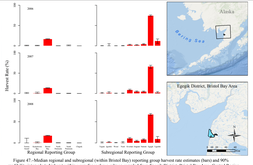


Figure 47.–Median regional and subregional (within Bristol Bay) reporting group harvest rate estimates (bars) and 90% credibility intervals (whiskers) within years for sockeye salmon sampled from Egegik District, Bristol Bay Area, Central Region (map) from 2006 to 2008 for the Western Alaska Salmon Stock Identification Program.

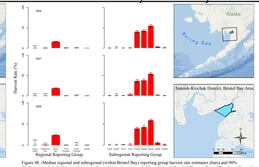


Figure 48.–Median regional and subregional (within Bristol Bay) reporting group harvest rate estimates (bars) and 90% credibility intervals (whiskers) within years for sockeye salmon sampled from Nushagak District, Bristol Bay Area, Central Region (map) from 2006 to 2008 for the Western Alaska Salmon Stock Identification Program.

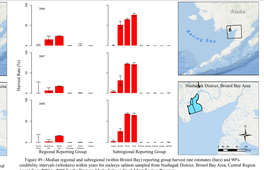
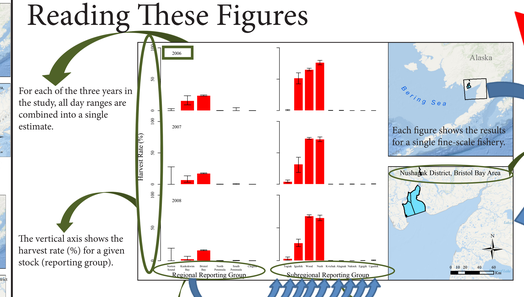
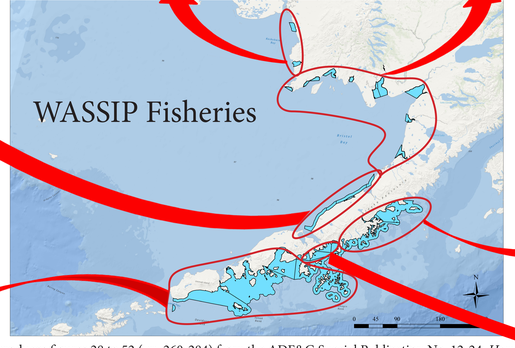


Figure 49.–Median regional and subregional (within Bristol Bay) reporting group harvest rate estimates (bars) and 90% credibility intervals (whiskers) within years for sockeye salmon sampled from Togiak District, Bristol Bay Area, Central Region (map) from 2006 to 2008 for the Western Alaska Salmon Stock Identification Program.

Reading These Figures





This poster reproduces figures 28 to 52 (pp. 260-284) from the ADF&G Special Publication No. 12-24: *Harvest and Harvest Rates of Sockeye Salmon Harvests in Fisheries of the Western Alaska Salmon Stock Identification Program (WASSIP) 2006-2008*. Harvest rate is the WASSIP commercial harvest divided by the total run within the WASSIP area for a given stock (reporting group) expressed as a percent. This report is available online at http://www.adfg.alaska.gov/index.fm?adfg=wassip.reports.

Chignik Area Fishery

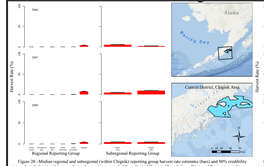


Figure 28.–Median regional and subregional (within Chignik) reporting group harvest rate estimates (bars) and 90% credibility intervals (whiskers) within years for sockeye salmon sampled from Central District, Chignik Area, Westward Region (map) from 2006 to 2008 for the Western Alaska Salmon Stock Identification Program.

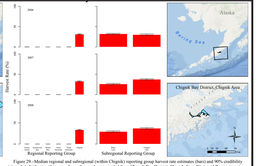


Figure 29.–Median regional and subregional (within Chignik) reporting group harvest rate estimates (bars) and 90% credibility intervals (whiskers) within years for sockeye salmon sampled from Chignik Bay District, Chignik Area, Westward Region (map) from 2006 to 2008 for the Western Alaska Salmon Stock Identification Program.

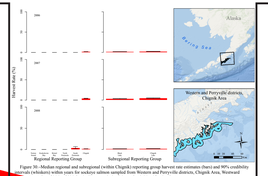


Figure 30.–Median regional and subregional (within Chignik) reporting group harvest rate estimates (bars) and 90% credibility intervals (whiskers) within years for sockeye salmon sampled from Western and Perryville districts, Chignik Area, Westward Region (map) from 2006 to 2008 for the Western Alaska Salmon Stock Identification Program.

Stocks Identified

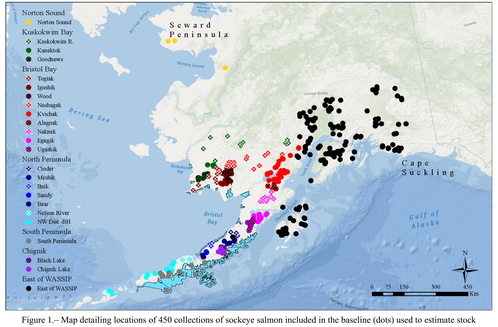


Figure 1.– Map detailing locations of 450 collections of sockeye salmon included in the baseline (dots) used to estimate stock compositions of catch samples and sockeye salmon fisheries sampled as part of the Western Alaska Salmon Stock Identification Project (blue polygons). Note that color patterns of baseline collections denote subregional reporting group affiliation, which are grouped by regional reporting group in the legend.

South Alaska Peninsula, June and Post-June Fisheries

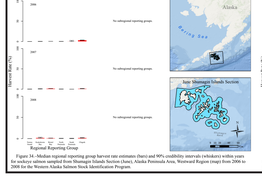


Figure 34.–Median regional reporting group harvest rate estimates (bars) and 90% credibility intervals (whiskers) within years for sockeye salmon sampled from Shumagin Islands Section (June), Alaska Peninsula Area, Westward Region (map) from 2006 to 2008 for the Western Alaska Salmon Stock Identification Program.

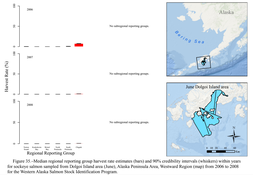


Figure 35.–Median regional reporting group harvest rate estimates (bars) and 90% credibility intervals (whiskers) within years for sockeye salmon sampled from Dolgin Island area (June), Alaska Peninsula Area, Westward Region (map) from 2006 to 2008 for the Western Alaska Salmon Stock Identification Program.

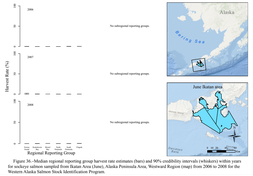


Figure 36.–Median regional reporting group harvest rate estimates (bars) and 90% credibility intervals (whiskers) within years for sockeye salmon sampled from Bristol Bay Area (June), Alaska Peninsula Area, Westward Region (map) from 2006 to 2008 for the Western Alaska Salmon Stock Identification Program.

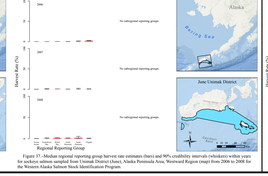


Figure 37.–Median regional reporting group harvest rate estimates (bars) and 90% credibility intervals (whiskers) within years for sockeye salmon sampled from Unimak District (June), Alaska Peninsula Area, Westward Region (map) from 2006 to 2008 for the Western Alaska Salmon Stock Identification Program.

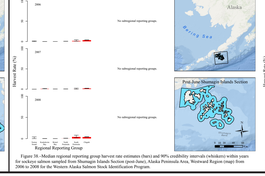


Figure 38.–Median regional reporting group harvest rate estimates (bars) and 90% credibility intervals (whiskers) within years for sockeye salmon sampled from Shumagin Islands Section (post-June), Alaska Peninsula Area, Westward Region (map) from 2006 to 2008 for the Western Alaska Salmon Stock Identification Program.

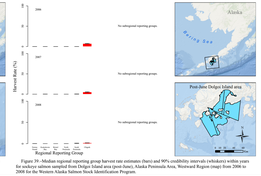


Figure 39.–Median regional reporting group harvest rate estimates (bars) and 90% credibility intervals (whiskers) within years for sockeye salmon sampled from Dolgin Island area (post-June), Alaska Peninsula Area, Westward Region (map) from 2006 to 2008 for the Western Alaska Salmon Stock Identification Program.

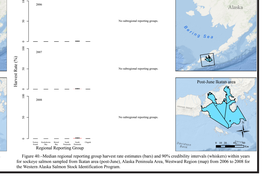


Figure 40.–Median regional reporting group harvest rate estimates (bars) and 90% credibility intervals (whiskers) within years for sockeye salmon sampled from Bristol Bay Area (post-June), Alaska Peninsula Area, Westward Region (map) from 2006 to 2008 for the Western Alaska Salmon Stock Identification Program.

Southeastern District Mainland Fishery

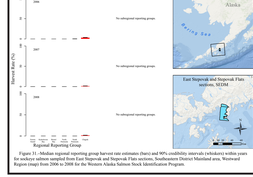


Figure 31.–Median regional reporting group harvest rate estimates (bars) and 90% credibility intervals (whiskers) within years for sockeye salmon sampled from East Stepovak and Stepovak Flats sections, Southeastern District Mainland area, Westward Region (map) from 2006 to 2008 for the Western Alaska Salmon Stock Identification Program.

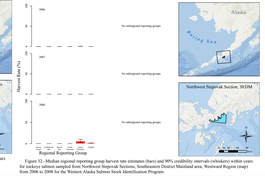


Figure 32.–Median regional reporting group harvest rate estimates (bars) and 90% credibility intervals (whiskers) within years for sockeye salmon sampled from Northwest Stepovak Section, Southeastern District Mainland area, Westward Region (map) from 2006 to 2008 for the Western Alaska Salmon Stock Identification Program.

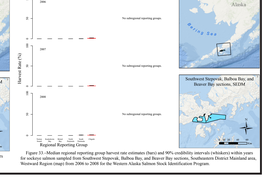


Figure 33.–Median regional reporting group harvest rate estimates (bars) and 90% credibility intervals (whiskers) within years for sockeye salmon sampled from Southwest Stepovak, Shelikof Bay, and Beaver Bay sections, Southeastern District Mainland area, Westward Region (map) from 2006 to 2008 for the Western Alaska Salmon Stock Identification Program.