Western Alaska Salmon Stock Identification Program (WASSIP):
Chum Salmon: What Was the Stock Composition in a Given Fishery?

Norton Sound Fisheries

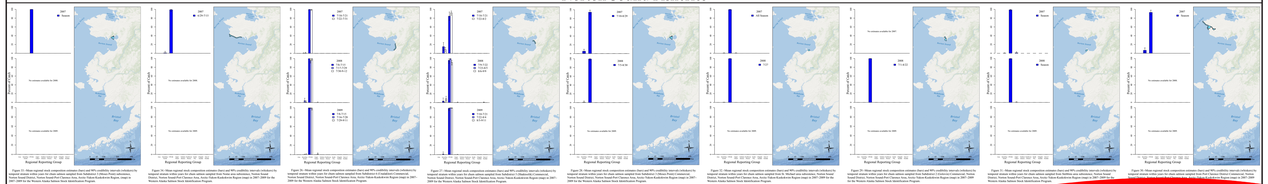


Figure 21. Mean regional stock composition estimates (bars) and 90% credibility intervals (whiskers) by regional reporting group for chum salmon sampled from Norton Sound, Northern District, Alaska in 2007. Data are from the Western Alaska Salmon Stock Identification Program.

Figure 22. Mean regional stock composition estimates (bars) and 90% credibility intervals (whiskers) by regional reporting group for chum salmon sampled from Norton Sound, Northern District, Alaska in 2008. Data are from the Western Alaska Salmon Stock Identification Program.

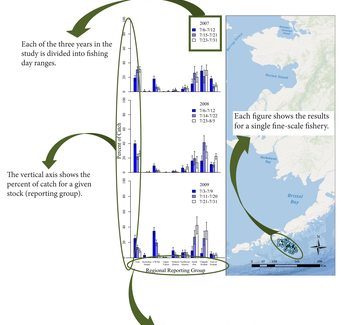
Figure 23. Mean regional stock composition estimates (bars) and 90% credibility intervals (whiskers) by regional reporting group for chum salmon sampled from Norton Sound, Northern District, Alaska in 2009. Data are from the Western Alaska Salmon Stock Identification Program.

Figure 24. Mean regional stock composition estimates (bars) and 90% credibility intervals (whiskers) by regional reporting group for chum salmon sampled from Norton Sound, Northern District, Alaska in 2007-2009 for the Western Alaska Salmon Stock Identification Program.

Figure 25. Mean regional stock composition estimates (bars) and 90% credibility intervals (whiskers) by regional reporting group for chum salmon sampled from Norton Sound, Northern District, Alaska in 2007-2009 for the Western Alaska Salmon Stock Identification Program.

Figure 26. Mean regional stock composition estimates (bars) and 90% credibility intervals (whiskers) by regional reporting group for chum salmon sampled from Norton Sound, Northern District, Alaska in 2007-2009 for the Western Alaska Salmon Stock Identification Program.

Reading These Figures



Kuskokwim Fisheries

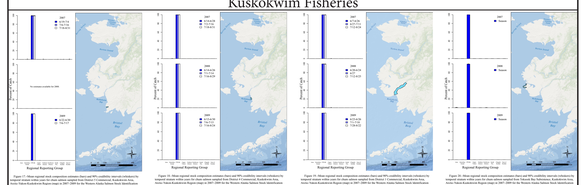


Figure 27. Mean regional stock composition estimates (bars) and 90% credibility intervals (whiskers) by regional reporting group for chum salmon sampled from Kuskokwim Bay, Bristol Bay, Alaska in 2007. Data are from the Western Alaska Salmon Stock Identification Program.

Figure 28. Mean regional stock composition estimates (bars) and 90% credibility intervals (whiskers) by regional reporting group for chum salmon sampled from Kuskokwim Bay, Bristol Bay, Alaska in 2008. Data are from the Western Alaska Salmon Stock Identification Program.

Figure 29. Mean regional stock composition estimates (bars) and 90% credibility intervals (whiskers) by regional reporting group for chum salmon sampled from Kuskokwim Bay, Bristol Bay, Alaska in 2009. Data are from the Western Alaska Salmon Stock Identification Program.

Figure 30. Mean regional stock composition estimates (bars) and 90% credibility intervals (whiskers) by regional reporting group for chum salmon sampled from Kuskokwim Bay, Bristol Bay, Alaska in 2007-2009 for the Western Alaska Salmon Stock Identification Program.

North Alaska Peninsula Fisheries

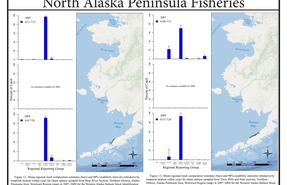


Figure 31. Mean regional stock composition estimates (bars) and 90% credibility intervals (whiskers) by regional reporting group for chum salmon sampled from Nelson Lagoon, Northern District, Alaska in 2007. Data are from the Western Alaska Salmon Stock Identification Program.

Figure 32. Mean regional stock composition estimates (bars) and 90% credibility intervals (whiskers) by regional reporting group for chum salmon sampled from Nelson Lagoon, Northern District, Alaska in 2007-2009 for the Western Alaska Salmon Stock Identification Program.

South Alaska Peninsula, June and Post-June Fisheries

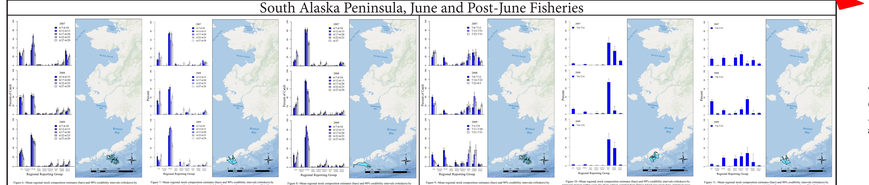


Figure 33. Mean regional stock composition estimates (bars) and 90% credibility intervals (whiskers) by regional reporting group for chum salmon sampled from Ivanof Bay, Shumagin District, Alaska in 2007 through 2009 (IBJ), Alaska Peninsula Area, Westward Region (stage 1) 2007-2009 for the Western Alaska Salmon Stock Identification Program.

Figure 34. Mean regional stock composition estimates (bars) and 90% credibility intervals (whiskers) by regional reporting group for chum salmon sampled from Ivanof Bay, Shumagin District, Alaska in 2007 through 2009 (IBJ), Alaska Peninsula Area, Westward Region (stage 1) 2007-2009 for the Western Alaska Salmon Stock Identification Program.

Figure 35. Mean regional stock composition estimates (bars) and 90% credibility intervals (whiskers) by regional reporting group for chum salmon sampled from Ivanof Bay, Shumagin District, Alaska in 2007 through 2009 (IBJ), Alaska Peninsula Area, Westward Region (stage 1) 2007-2009 for the Western Alaska Salmon Stock Identification Program.

WASSIP Fisheries

This poster reproduces all figures from the ADF&G Special Publication No. 12-23: *Stock Composition of Chum Salmon Harvests in Fisheries of the Western Alaska Salmon Stock Identification Program (WASSIP) 2007-2009* (Figures 1-35, pp. 90-124). The report is available online at: http://www.adfg.alaska.gov/index.cfm?adfg=wassip.reports.

Kotzebue Fishery

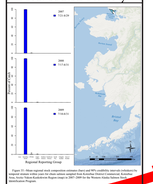


Figure 20. Mean regional stock composition estimates (bars) and 90% credibility intervals (whiskers) by regional reporting group for chum salmon sampled from Kotzebue Sound, Northwestern District, Alaska in 2007-2009 for the Western Alaska Salmon Stock Identification Program.

Yukon, Summer and Fall Fisheries

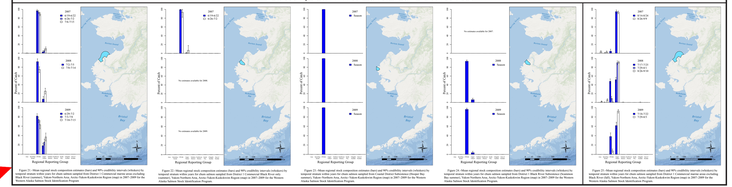


Figure 1. Mean regional stock composition estimates (bars) and 90% credibility intervals (whiskers) by regional reporting group for chum salmon sampled from Yukon Area, Summer District, Alaska in 2007. Data are from the Western Alaska Salmon Stock Identification Program.

Figure 2. Mean regional stock composition estimates (bars) and 90% credibility intervals (whiskers) by regional reporting group for chum salmon sampled from Yukon Area, Summer District, Alaska in 2008. Data are from the Western Alaska Salmon Stock Identification Program.

Figure 3. Mean regional stock composition estimates (bars) and 90% credibility intervals (whiskers) by regional reporting group for chum salmon sampled from Yukon Area, Summer District, Alaska in 2009. Data are from the Western Alaska Salmon Stock Identification Program.

Figure 4. Mean regional stock composition estimates (bars) and 90% credibility intervals (whiskers) by regional reporting group for chum salmon sampled from Yukon Area, Summer District, Alaska in 2007-2009 for the Western Alaska Salmon Stock Identification Program.

Figure 5. Mean regional stock composition estimates (bars) and 90% credibility intervals (whiskers) by regional reporting group for chum salmon sampled from Yukon Area, Summer District, Alaska in 2007-2009 for the Western Alaska Salmon Stock Identification Program.

Figure 6. Mean regional stock composition estimates (bars) and 90% credibility intervals (whiskers) by regional reporting group for chum salmon sampled from Yukon Area, Summer District, Alaska in 2007-2009 for the Western Alaska Salmon Stock Identification Program.

Bristol Bay Fisheries

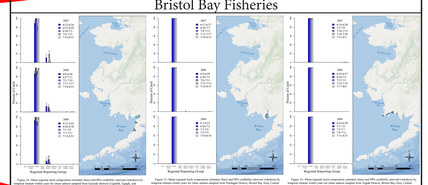
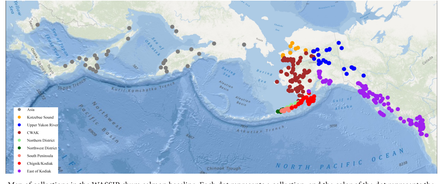


Figure 36. Mean regional stock composition estimates (bars) and 90% credibility intervals (whiskers) by regional reporting group for chum salmon sampled from Nushagak District, Bristol Bay, Alaska in 2007. Data are from the Western Alaska Salmon Stock Identification Program.

Figure 37. Mean regional stock composition estimates (bars) and 90% credibility intervals (whiskers) by regional reporting group for chum salmon sampled from Nushagak District, Bristol Bay, Alaska in 2008. Data are from the Western Alaska Salmon Stock Identification Program.

Figure 38. Mean regional stock composition estimates (bars) and 90% credibility intervals (whiskers) by regional reporting group for chum salmon sampled from Nushagak District, Bristol Bay, Alaska in 2007-2009 for the Western Alaska Salmon Stock Identification Program.

Stocks Identified



Map of collections in the WASSIP chum salmon baseline. Each dot represents a collection, and the color of the dot represents the reporting group membership of the collection.

Southeastern District Mainland Fishery

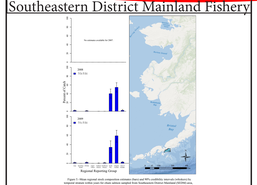


Figure 39. Mean regional stock composition estimates (bars) and 90% credibility intervals (whiskers) by regional reporting group for chum salmon sampled from Southeastern District Mainland (SEDM) Area, Southeastern Region (stage 1) 2007-2009 for the Western Alaska Salmon Stock Identification Program.

Chignik Area Fisheries

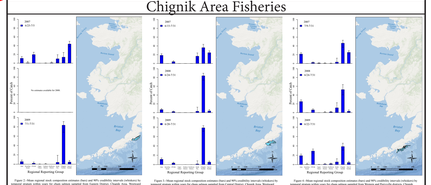


Figure 7. Mean regional stock composition estimates (bars) and 90% credibility intervals (whiskers) by regional reporting group for chum salmon sampled from Chignik Area, Chignik District, Alaska in 2007. Data are from the Western Alaska Salmon Stock Identification Program.

Figure 8. Mean regional stock composition estimates (bars) and 90% credibility intervals (whiskers) by regional reporting group for chum salmon sampled from Chignik Area, Chignik District, Alaska in 2008. Data are from the Western Alaska Salmon Stock Identification Program.

Figure 9. Mean regional stock composition estimates (bars) and 90% credibility intervals (whiskers) by regional reporting group for chum salmon sampled from Chignik Area, Chignik District, Alaska in 2009. Data are from the Western Alaska Salmon Stock Identification Program.

Figure 10. Mean regional stock composition estimates (bars) and 90% credibility intervals (whiskers) by regional reporting group for chum salmon sampled from Chignik Area, Chignik District, Alaska in 2007-2009 for the Western Alaska Salmon Stock Identification Program.