# Western Alaska Salmon Stock Identification Program (WASSIP):

## *Chum Salmon: What Proportion of Each Stock (Harvest Rate) Were Caught in a Given Fishery?*

## Norton Sound Fisheries

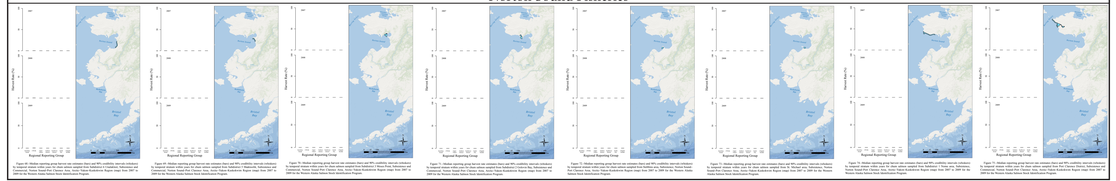


Figure 40. Median reporting group harvest rate estimates (bars) and 90% credibility intervals (whiskers) for chum salmon, 2007–2009 in the Norton Sound District Commercial, Nome Subsistence, Nome Sound Pink Salmon Area, Nome Subsistence Regulatory Region (stage from 2007 to 2009 for the Western Alaska Salmon Stock Identification Program).

Figure 41. Median reporting group harvest rate estimates (bars) and 90% credibility intervals (whiskers) for chum salmon, 2007–2009 in the Norton Sound District Commercial, Nome Sound Pink Salmon Area, Nome Subsistence Regulatory Region (stage from 2007 to 2009 for the Western Alaska Salmon Stock Identification Program).

Figure 42. Median reporting group harvest rate estimates (bars) and 90% credibility intervals (whiskers) for chum salmon, 2007–2009 in the Norton Sound District Commercial, Nome Sound Pink Salmon Area, Nome Subsistence Regulatory Region (stage from 2007 to 2009 for the Western Alaska Salmon Stock Identification Program).

Figure 43. Median reporting group harvest rate estimates (bars) and 90% credibility intervals (whiskers) for chum salmon, 2007–2009 in the Norton Sound District Commercial, Nome Sound Pink Salmon Area, Nome Subsistence Regulatory Region (stage from 2007 to 2009 for the Western Alaska Salmon Stock Identification Program).

Figure 44. Median reporting group harvest rate estimates (bars) and 90% credibility intervals (whiskers) for chum salmon, 2007–2009 in the Norton Sound District Commercial, Nome Sound Pink Salmon Area, Nome Subsistence Regulatory Region (stage from 2007 to 2009 for the Western Alaska Salmon Stock Identification Program).

Figure 45. Median reporting group harvest rate estimates (bars) and 90% credibility intervals (whiskers) for chum salmon, 2007–2009 in the Norton Sound District Commercial, Nome Sound Pink Salmon Area, Nome Subsistence Regulatory Region (stage from 2007 to 2009 for the Western Alaska Salmon Stock Identification Program).

Figure 46. Median reporting group harvest rate estimates (bars) and 90% credibility intervals (whiskers) for chum salmon, 2007–2009 in the Norton Sound District Commercial, Nome Sound Pink Salmon Area, Nome Subsistence Regulatory Region (stage from 2007 to 2009 for the Western Alaska Salmon Stock Identification Program).

Figure 47. Median reporting group harvest rate estimates (bars) and 90% credibility intervals (whiskers) for chum salmon, 2007–2009 in the Norton Sound District Commercial, Nome Sound Pink Salmon Area, Nome Subsistence Regulatory Region (stage from 2007 to 2009 for the Western Alaska Salmon Stock Identification Program).

## Kotzebue Fishery

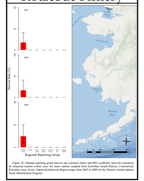
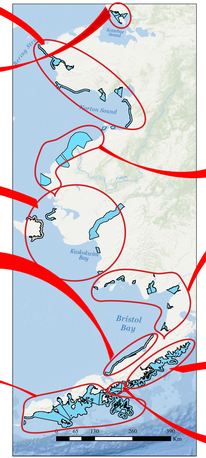


Figure 76. Median reporting group harvest rate estimates (bars) and 90% credibility intervals (whiskers) for chum salmon, 2007–2009 in the Kotzebue District Commercial, Kotzebue Area, Alaska Subsistence Regulatory Region (stage from 2007 to 2009 for the Western Alaska Salmon Stock Identification Program).

## WASSIP Fisheries




## Yukon, Summer and Fall Fisheries

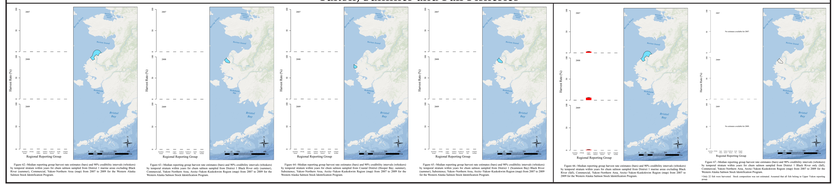


Figure 48. Median reporting group harvest rate estimates (bars) and 90% credibility intervals (whiskers) for chum salmon, 2007–2009 in the Yukon Area District Commercial, Yukon Subsistence, Yukon Summer Area, Alaska Subsistence Regulatory Region (stage from 2007 to 2009 for the Western Alaska Salmon Stock Identification Program).

Figure 49. Median reporting group harvest rate estimates (bars) and 90% credibility intervals (whiskers) for chum salmon, 2007–2009 in the Yukon Area District Commercial, Yukon Subsistence, Yukon Summer Area, Alaska Subsistence Regulatory Region (stage from 2007 to 2009 for the Western Alaska Salmon Stock Identification Program).

Figure 50. Median reporting group harvest rate estimates (bars) and 90% credibility intervals (whiskers) for chum salmon, 2007–2009 in the Yukon Area District Commercial, Yukon Subsistence, Yukon Summer Area, Alaska Subsistence Regulatory Region (stage from 2007 to 2009 for the Western Alaska Salmon Stock Identification Program).

Figure 51. Median reporting group harvest rate estimates (bars) and 90% credibility intervals (whiskers) for chum salmon, 2007–2009 in the Yukon Area District Commercial, Yukon Subsistence, Yukon Summer Area, Alaska Subsistence Regulatory Region (stage from 2007 to 2009 for the Western Alaska Salmon Stock Identification Program).

Figure 52. Median reporting group harvest rate estimates (bars) and 90% credibility intervals (whiskers) for chum salmon, 2007–2009 in the Yukon Area District Commercial, Yukon Subsistence, Yukon Summer Area, Alaska Subsistence Regulatory Region (stage from 2007 to 2009 for the Western Alaska Salmon Stock Identification Program).

Figure 53. Median reporting group harvest rate estimates (bars) and 90% credibility intervals (whiskers) for chum salmon, 2007–2009 in the Yukon Area District Commercial, Yukon Subsistence, Yukon Summer Area, Alaska Subsistence Regulatory Region (stage from 2007 to 2009 for the Western Alaska Salmon Stock Identification Program).

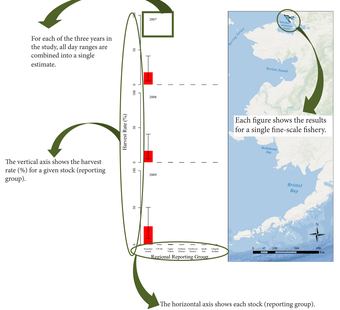
Figure 54. Median reporting group harvest rate estimates (bars) and 90% credibility intervals (whiskers) for chum salmon, 2007–2009 in the Yukon Area District Commercial, Yukon Subsistence, Yukon Summer Area, Alaska Subsistence Regulatory Region (stage from 2007 to 2009 for the Western Alaska Salmon Stock Identification Program).

Figure 55. Median reporting group harvest rate estimates (bars) and 90% credibility intervals (whiskers) for chum salmon, 2007–2009 in the Yukon Area District Commercial, Yukon Subsistence, Yukon Summer Area, Alaska Subsistence Regulatory Region (stage from 2007 to 2009 for the Western Alaska Salmon Stock Identification Program).

Figure 56. Median reporting group harvest rate estimates (bars) and 90% credibility intervals (whiskers) for chum salmon, 2007–2009 in the Yukon Area District Commercial, Yukon Subsistence, Yukon Summer Area, Alaska Subsistence Regulatory Region (stage from 2007 to 2009 for the Western Alaska Salmon Stock Identification Program).

Figure 57. Median reporting group harvest rate estimates (bars) and 90% credibility intervals (whiskers) for chum salmon, 2007–2009 in the Yukon Area District Commercial, Yukon Subsistence, Yukon Summer Area, Alaska Subsistence Regulatory Region (stage from 2007 to 2009 for the Western Alaska Salmon Stock Identification Program).

## Reading These Figures




## Kuskokwim Fisheries

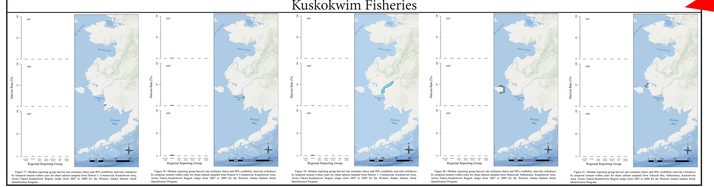


Figure 77. Median reporting group harvest rate estimates (bars) and 90% credibility intervals (whiskers) for chum salmon, 2007–2009 in the Kuskokwim District Commercial, Kuskokwim Area, Alaska Subsistence Regulatory Region (stage from 2007 to 2009 for the Western Alaska Salmon Stock Identification Program).

Figure 78. Median reporting group harvest rate estimates (bars) and 90% credibility intervals (whiskers) for chum salmon, 2007–2009 in the Kuskokwim District Commercial, Kuskokwim Area, Alaska Subsistence Regulatory Region (stage from 2007 to 2009 for the Western Alaska Salmon Stock Identification Program).

Figure 79. Median reporting group harvest rate estimates (bars) and 90% credibility intervals (whiskers) for chum salmon, 2007–2009 in the Kuskokwim District Commercial, Kuskokwim Area, Alaska Subsistence Regulatory Region (stage from 2007 to 2009 for the Western Alaska Salmon Stock Identification Program).

Figure 80. Median reporting group harvest rate estimates (bars) and 90% credibility intervals (whiskers) for chum salmon, 2007–2009 in the Kuskokwim District Commercial, Kuskokwim Area, Alaska Subsistence Regulatory Region (stage from 2007 to 2009 for the Western Alaska Salmon Stock Identification Program).

Figure 81. Median reporting group harvest rate estimates (bars) and 90% credibility intervals (whiskers) for chum salmon, 2007–2009 in the Kuskokwim District Commercial, Kuskokwim Area, Alaska Subsistence Regulatory Region (stage from 2007 to 2009 for the Western Alaska Salmon Stock Identification Program).

## North Alaska Peninsula Fisheries

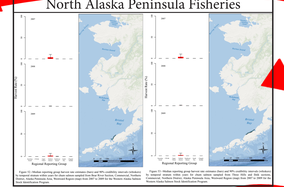


Figure 82. Median reporting group harvest rate estimates (bars) and 90% credibility intervals (whiskers) for chum salmon, 2007–2009 in the Nushagak District Commercial, Nushagak Area, Alaska Subsistence Regulatory Region (stage from 2007 to 2009 for the Western Alaska Salmon Stock Identification Program).

Figure 83. Median reporting group harvest rate estimates (bars) and 90% credibility intervals (whiskers) for chum salmon, 2007–2009 in the Nushagak District Commercial, Nushagak Area, Alaska Subsistence Regulatory Region (stage from 2007 to 2009 for the Western Alaska Salmon Stock Identification Program).

## Bristol Bay Fisheries

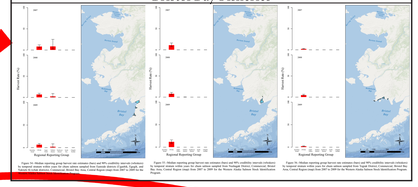
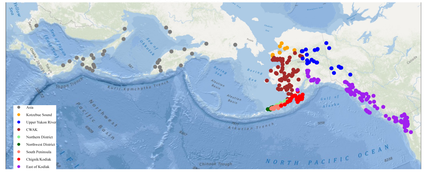


Figure 84. Median reporting group harvest rate estimates (bars) and 90% credibility intervals (whiskers) for chum salmon, 2007–2009 in the Bristol Bay District Commercial, Nushagak Area, Alaska Subsistence Regulatory Region (stage from 2007 to 2009 for the Western Alaska Salmon Stock Identification Program).

Figure 85. Median reporting group harvest rate estimates (bars) and 90% credibility intervals (whiskers) for chum salmon, 2007–2009 in the Bristol Bay District Commercial, Nushagak Area, Alaska Subsistence Regulatory Region (stage from 2007 to 2009 for the Western Alaska Salmon Stock Identification Program).

Figure 86. Median reporting group harvest rate estimates (bars) and 90% credibility intervals (whiskers) for chum salmon, 2007–2009 in the Bristol Bay District Commercial, Nushagak Area, Alaska Subsistence Regulatory Region (stage from 2007 to 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.

## South Alaska Peninsula, June and Post-June Fisheries

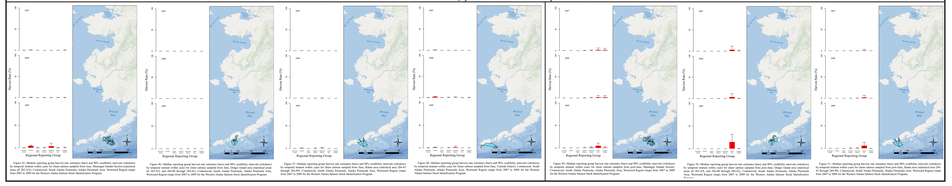


Figure 87. Median reporting group harvest rate estimates (bars) and 90% credibility intervals (whiskers) for chum salmon, 2007–2009 in the South Alaska Peninsula District Commercial, South Alaska Peninsula, Alaska Subsistence Regulatory Region (stage from 2007 to 2009 for the Western Alaska Salmon Stock Identification Program). Harvest Region (stage through 2007–09) Commercial, South Alaska Peninsula, Alaska Peninsula Area,