

WESTERN ALASKA SALMON STOCK IDENTIFICATION PROGRAM (WASSIP): SOCKEYE SALMON: IN WHAT FISHERIES WERE A GIVEN STOCK HARVESTED (HARVEST RATE)?

Kuskokwim Bay Stocks

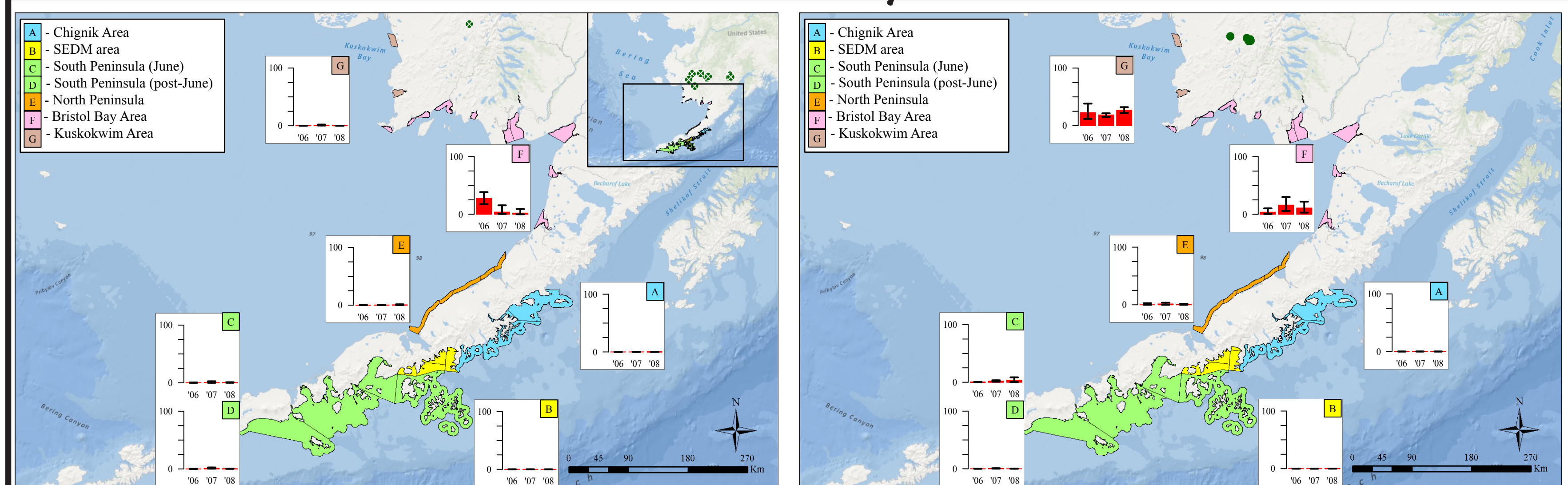


Figure 54—Median harvest rates (bars) and 90% credibility intervals (whiskers) of sockeye salmon from the Kuskokwim River reporting group by fishery from 2006 to 2008 for the Western Alaska Salmon Stock Identification Program. Circles indicate populations in the Kuskokwim River reporting group.

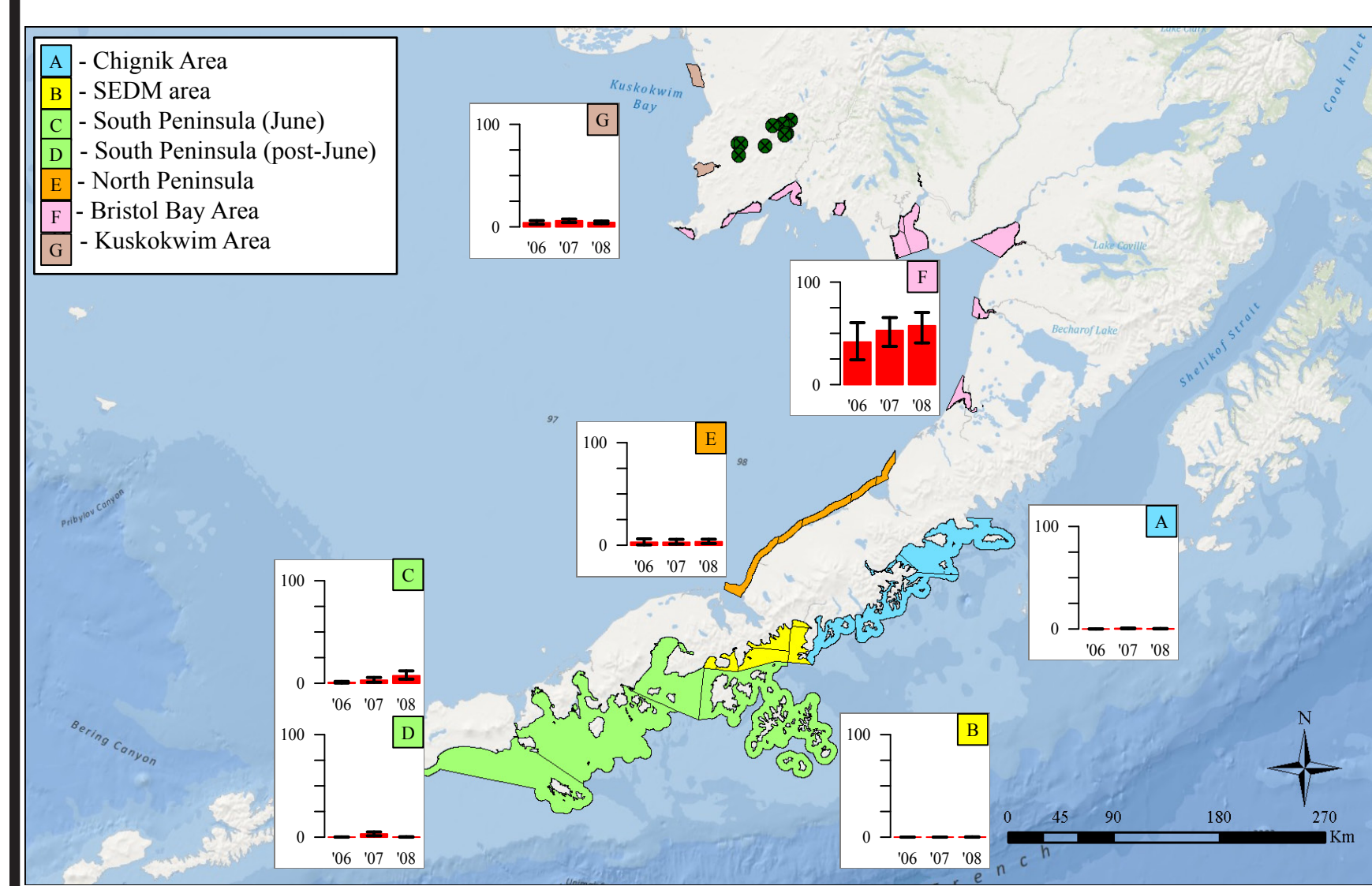


Figure 55—Median harvest rates (bars) and 90% credibility intervals (whiskers) of sockeye salmon from the Kuskokwim reporting group by fishery from 2006 to 2008 for the Western Alaska Salmon Stock Identification Program. Circles indicate populations in the Kuskokwim reporting group.

Reading These Figures

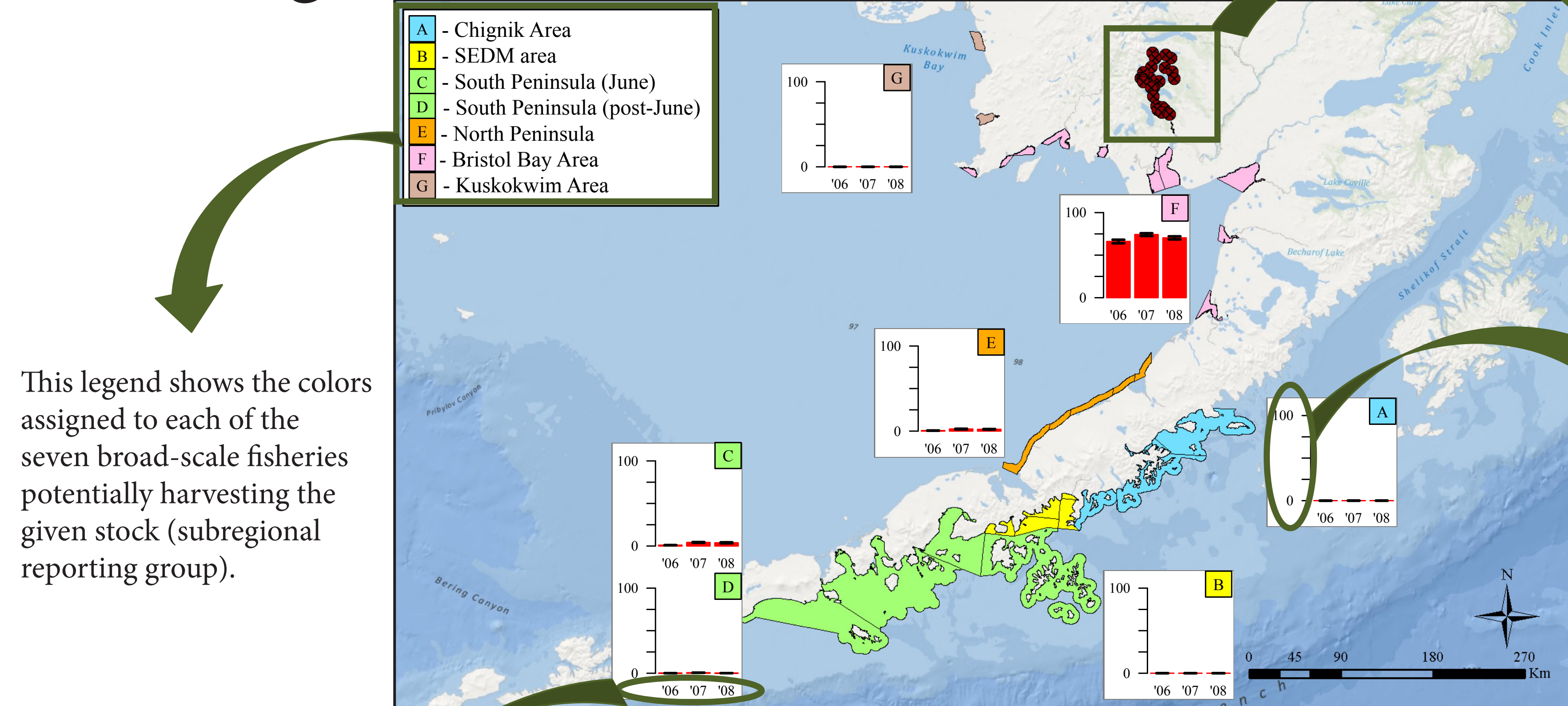


Figure 56—Median harvest rates (bars) and 90% credibility intervals (whiskers) of sockeye salmon from the Goodnews reporting group by fishery from 2006 to 2008 for the Western Alaska Salmon Stock Identification Program. Circles indicate populations in the Goodnews reporting group.

This legend shows the colors assigned to each of the seven broad-scale fisheries potentially harvesting the given stock (subregional reporting group).

The horizontal axis shows the three years of the study.

Each figure shows the results for a single fine-scale stock (subregional reporting group).

Norton Sound Stock

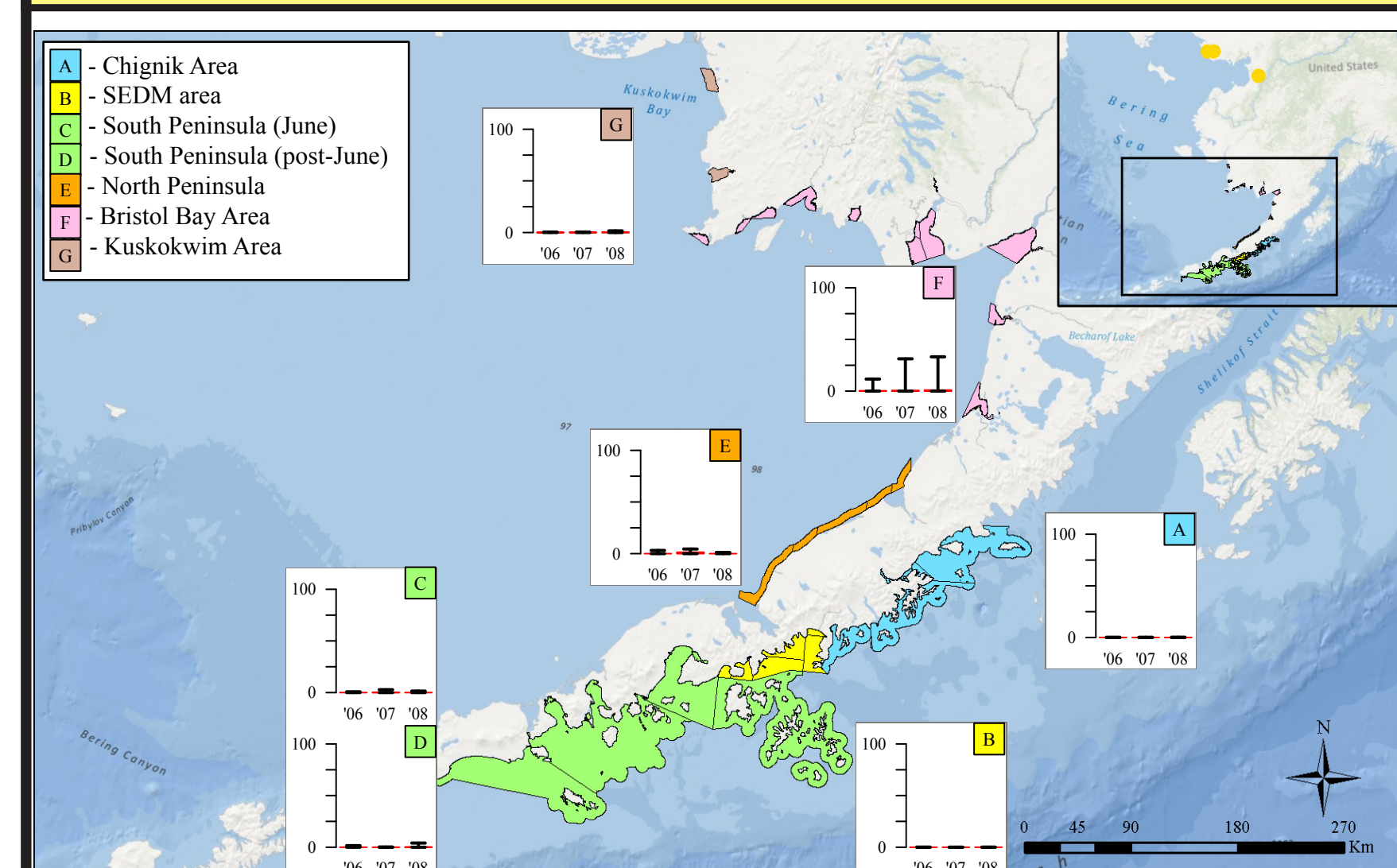


Figure 53—Median harvest rates (bars) and 90% credibility intervals (whiskers) of sockeye salmon from the Norton Sound reporting group by fishery from 2006 to 2008 for the Western Alaska Salmon Stock Identification Program. Circles indicate populations in the Norton Sound reporting group.

Stocks Identified

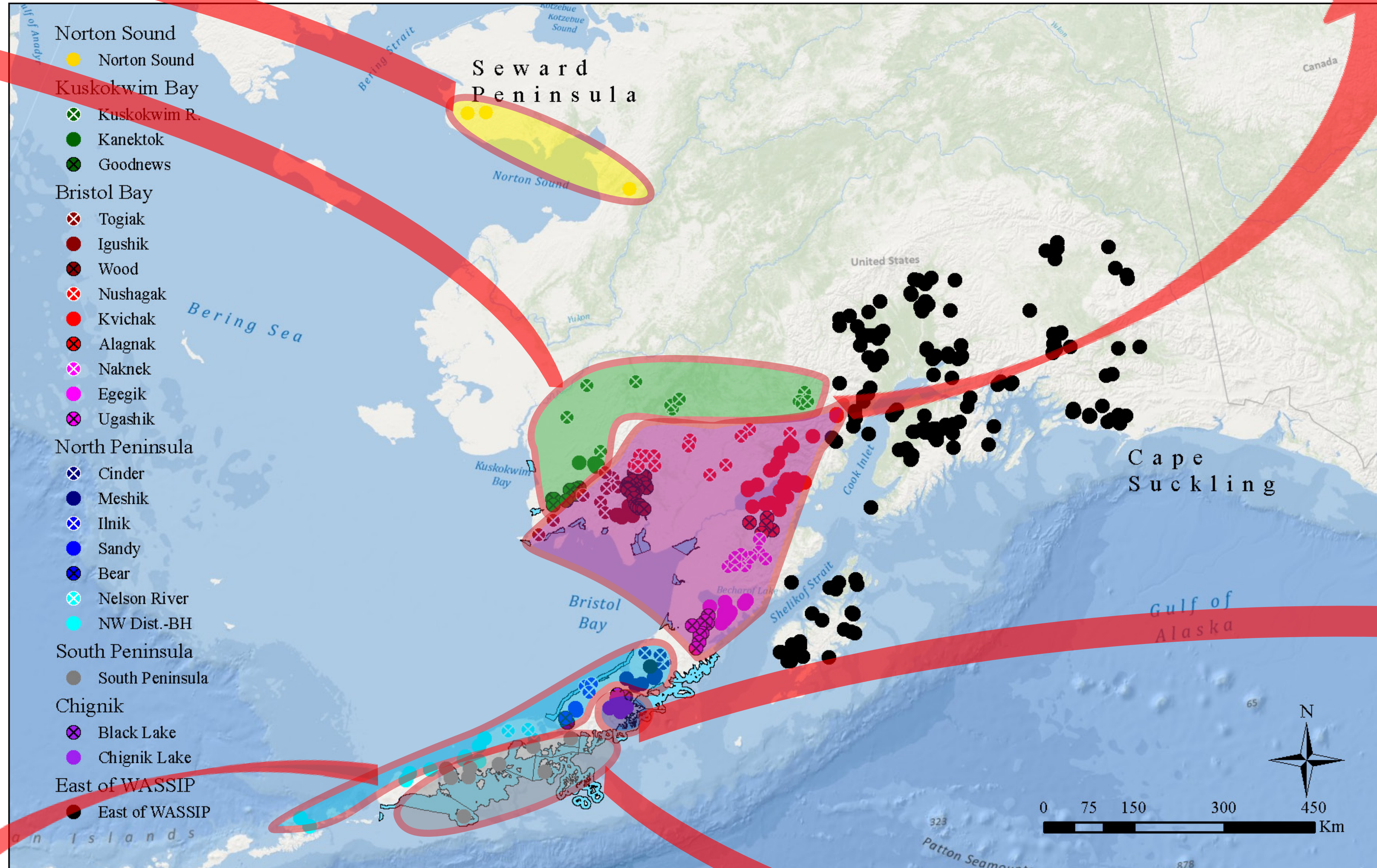


Figure 1.—Map detailing locations of 450 collections of sockeye salmon included in the baseline (dots) used to estimate stock compositions of catch samples and sockeye salmon fisheries sampled as part of the Western Alaska Salmon Stock Identification Project (blue polygons). Note that color patterns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

Bristol Bay Stocks

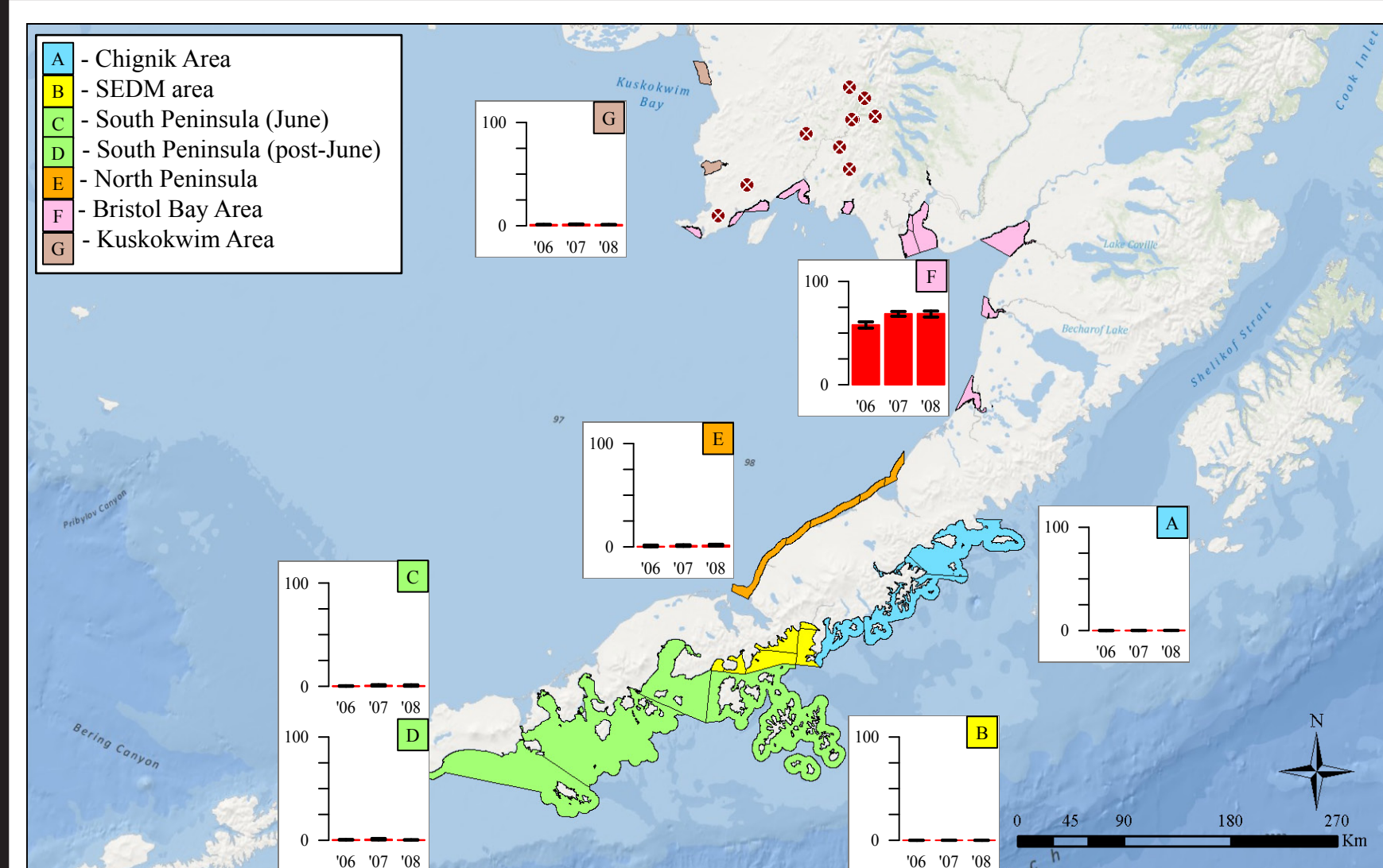


Figure 57—Median harvest rates (bars) and 90% credibility intervals (whiskers) of sockeye salmon from the Togiak reporting group by fishery from 2006 to 2008 for the Western Alaska Salmon Stock Identification Program. Circles indicate populations in the Togiak reporting group.

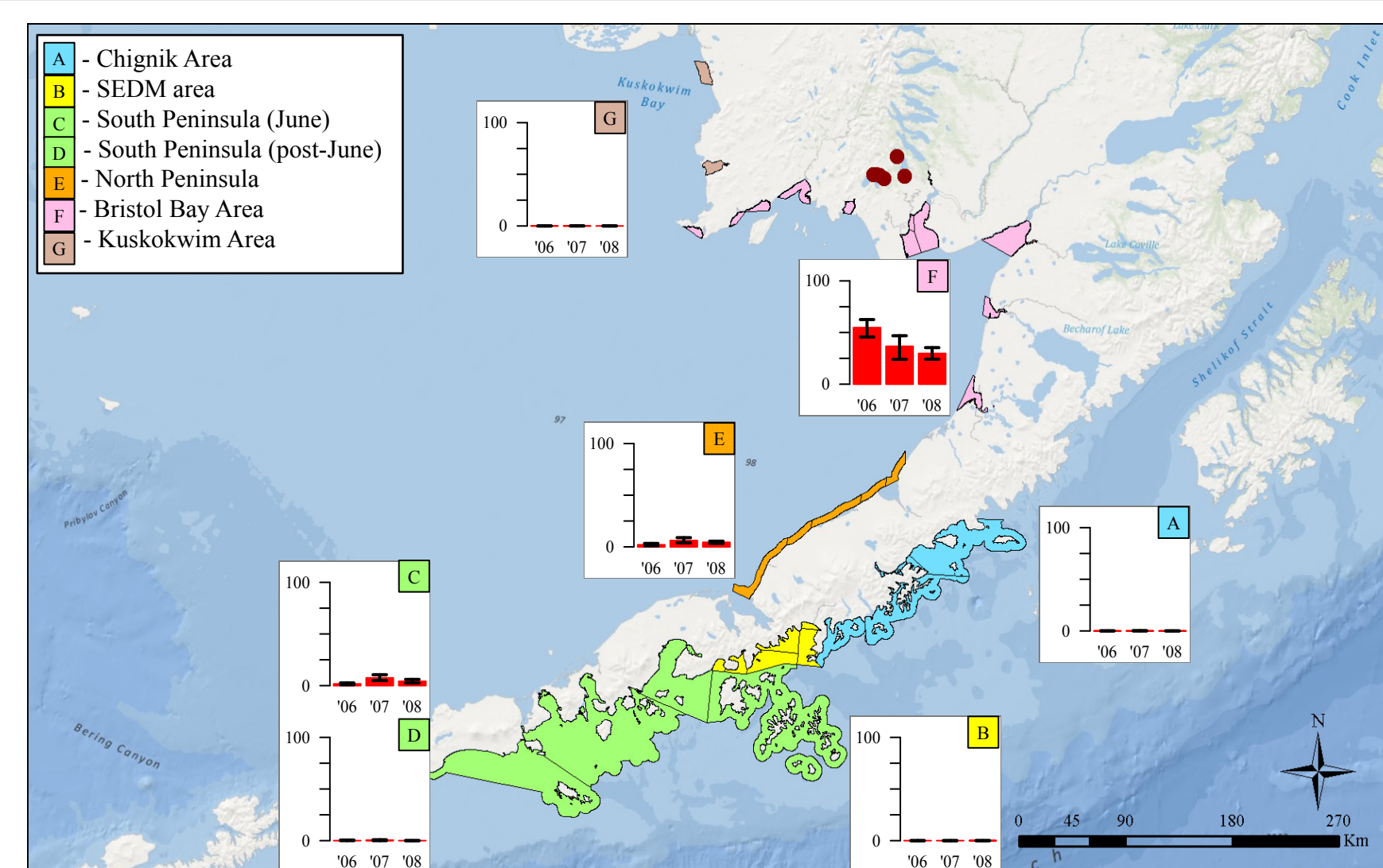


Figure 58—Median harvest rates (bars) and 90% credibility intervals (whiskers) of sockeye salmon from the Igushik reporting group by fishery from 2006 to 2008 for the Western Alaska Salmon Stock Identification Program. Circles indicate populations in the Igushik reporting group.

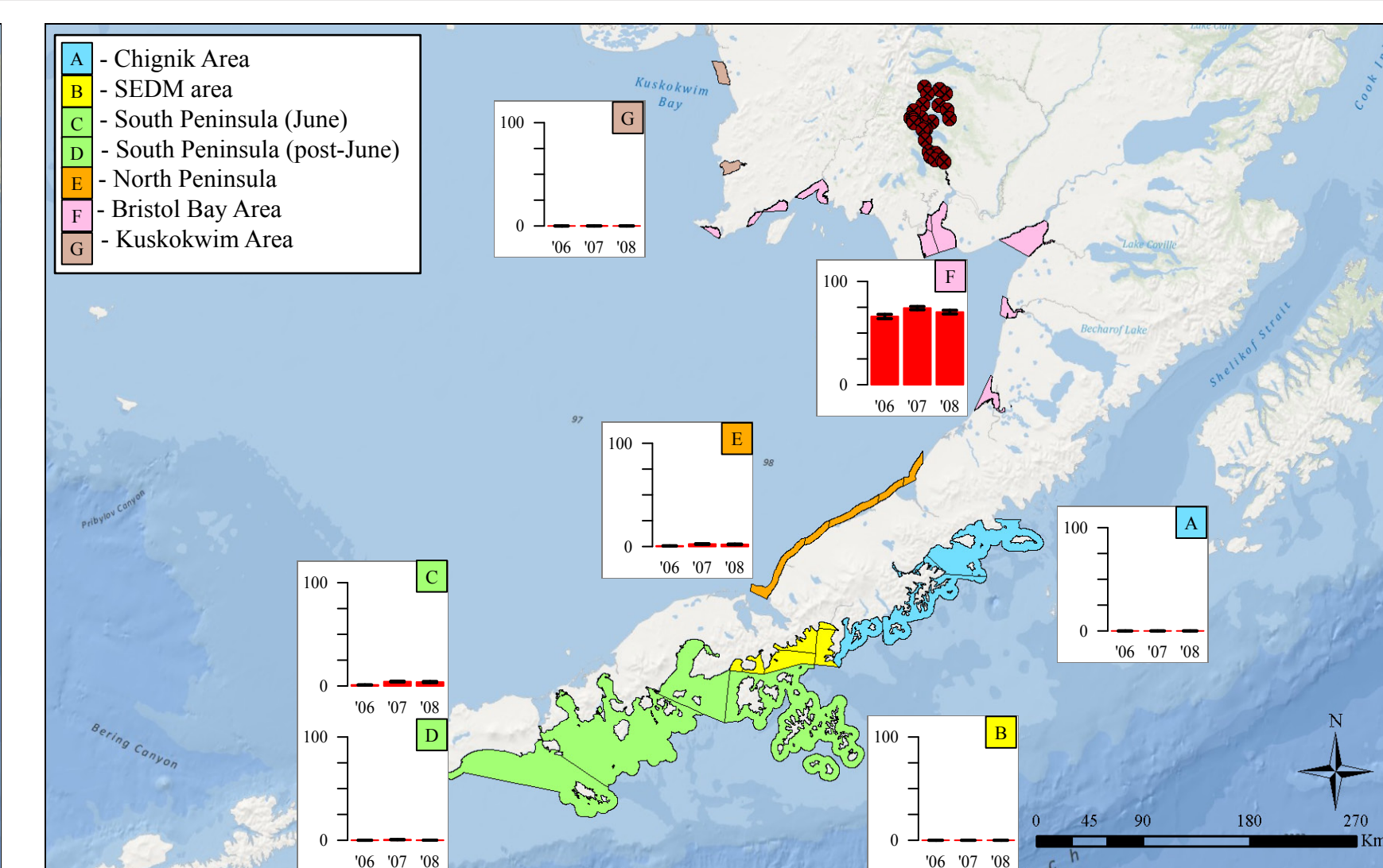


Figure 59—Median harvest rates (bars) and 90% credibility intervals (whiskers) of sockeye salmon from the Wood reporting group by fishery from 2006 to 2008 for the Western Alaska Salmon Stock Identification Program. Circles indicate populations in the Wood reporting group.

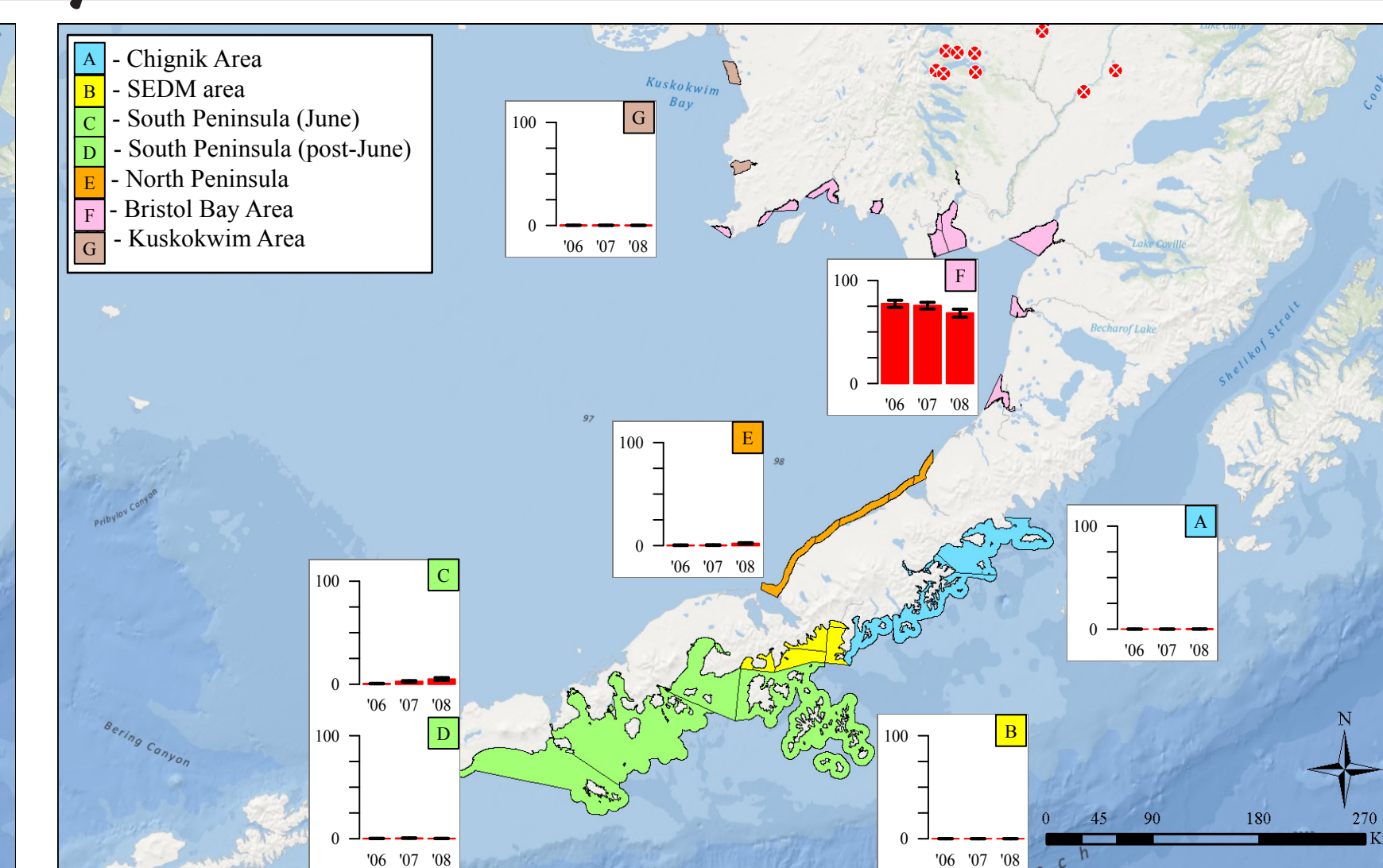


Figure 60—Median harvest rates (bars) and 90% credibility intervals (whiskers) of sockeye salmon from the Nushagak reporting group by fishery from 2006 to 2008 for the Western Alaska Salmon Stock Identification Program. Circles indicate populations in the Nushagak reporting group.

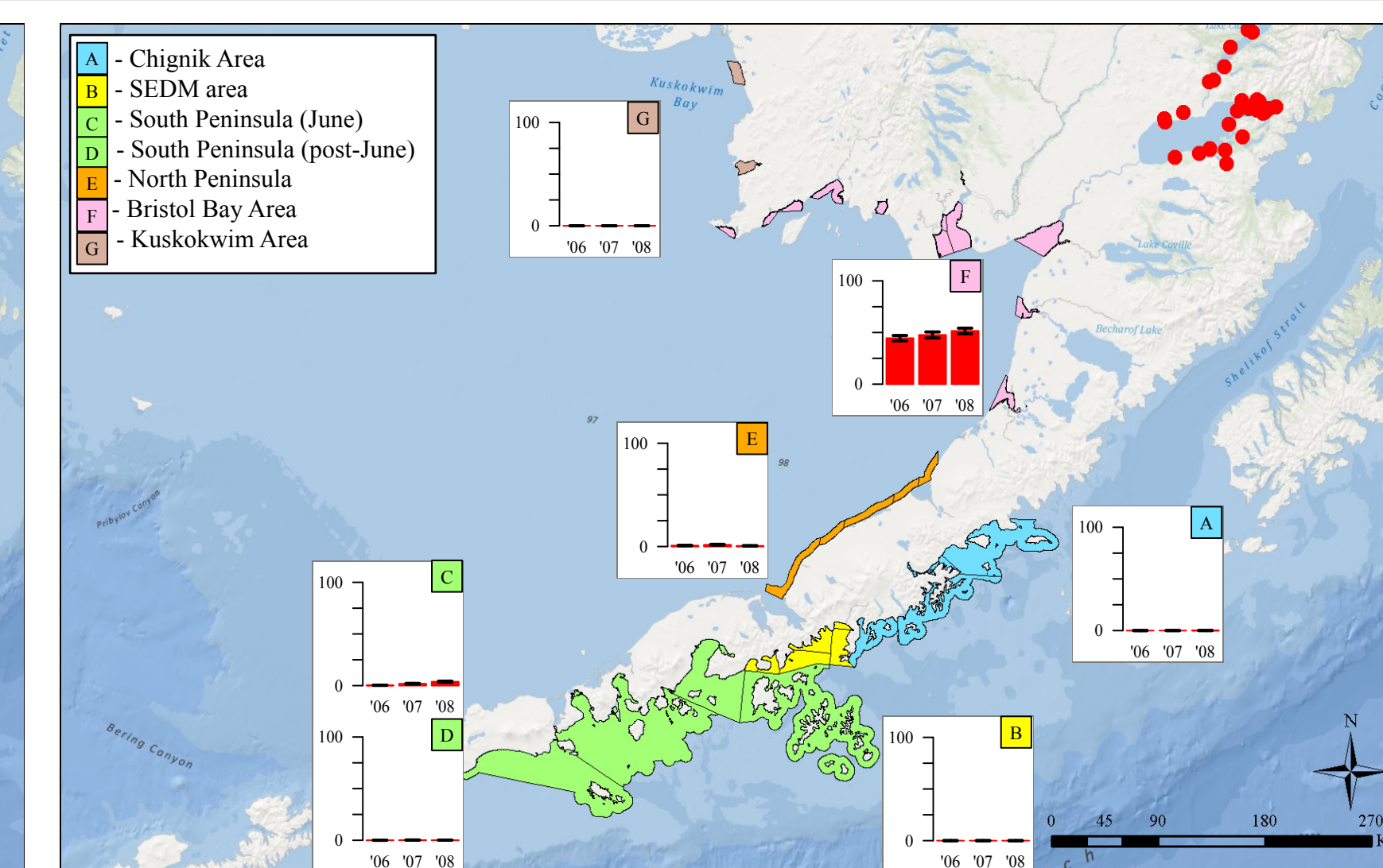


Figure 61—Median harvest rates (bars) and 90% credibility intervals (whiskers) of sockeye salmon from the Kvichak reporting group by fishery from 2006 to 2008 for the Western Alaska Salmon Stock Identification Program. Circles indicate populations in the Kvichak reporting group.

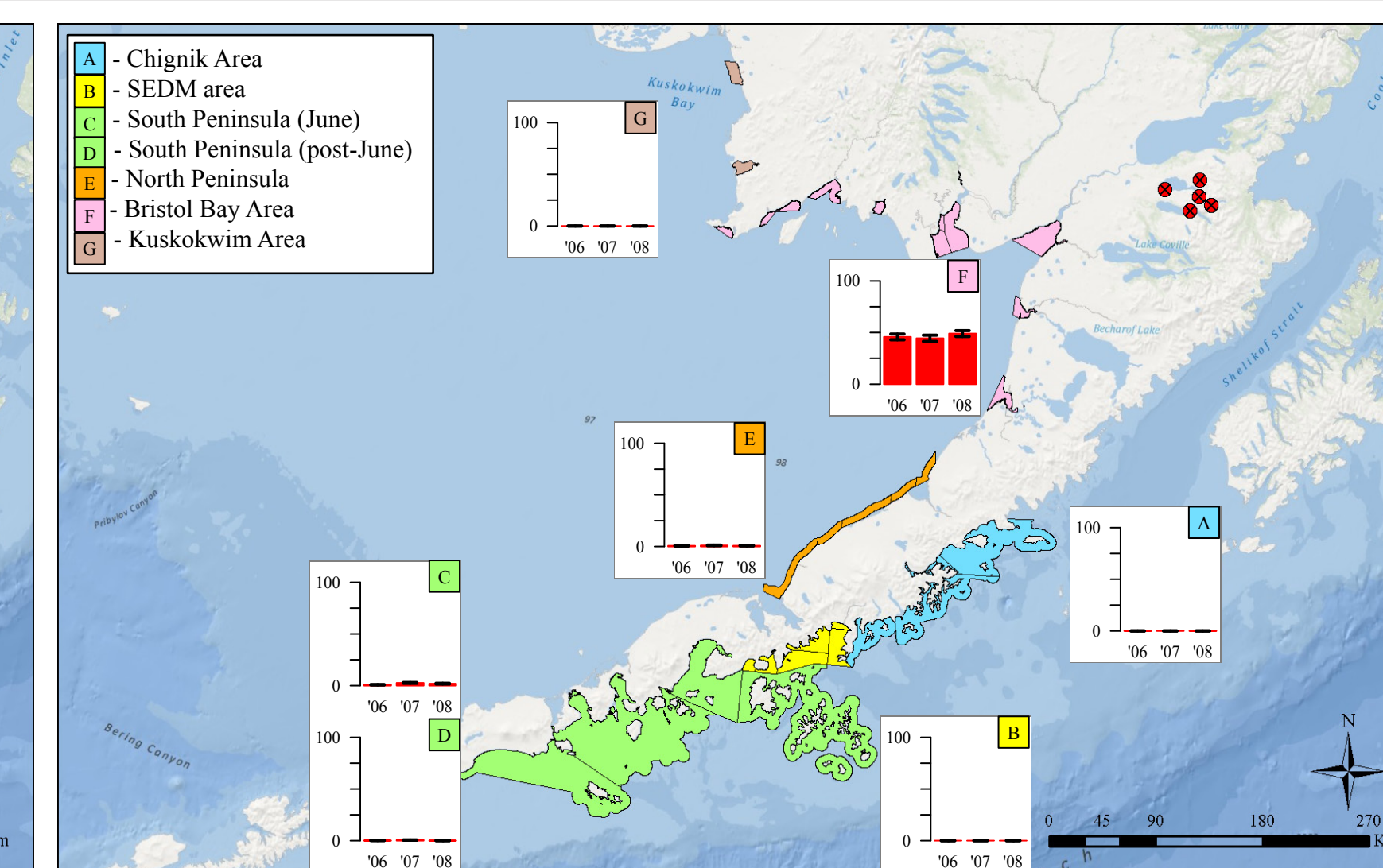


Figure 62—Median harvest rates (bars) and 90% credibility intervals (whiskers) of sockeye salmon from the Alagnak reporting group by fishery from 2006 to 2008 for the Western Alaska Salmon Stock Identification Program. Circles indicate populations in the Alagnak reporting group.

This poster reproduces figures 53 to 75 (pp. 286-308) 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.cfm?adfg=wassip.reports>.

Chignik Stocks

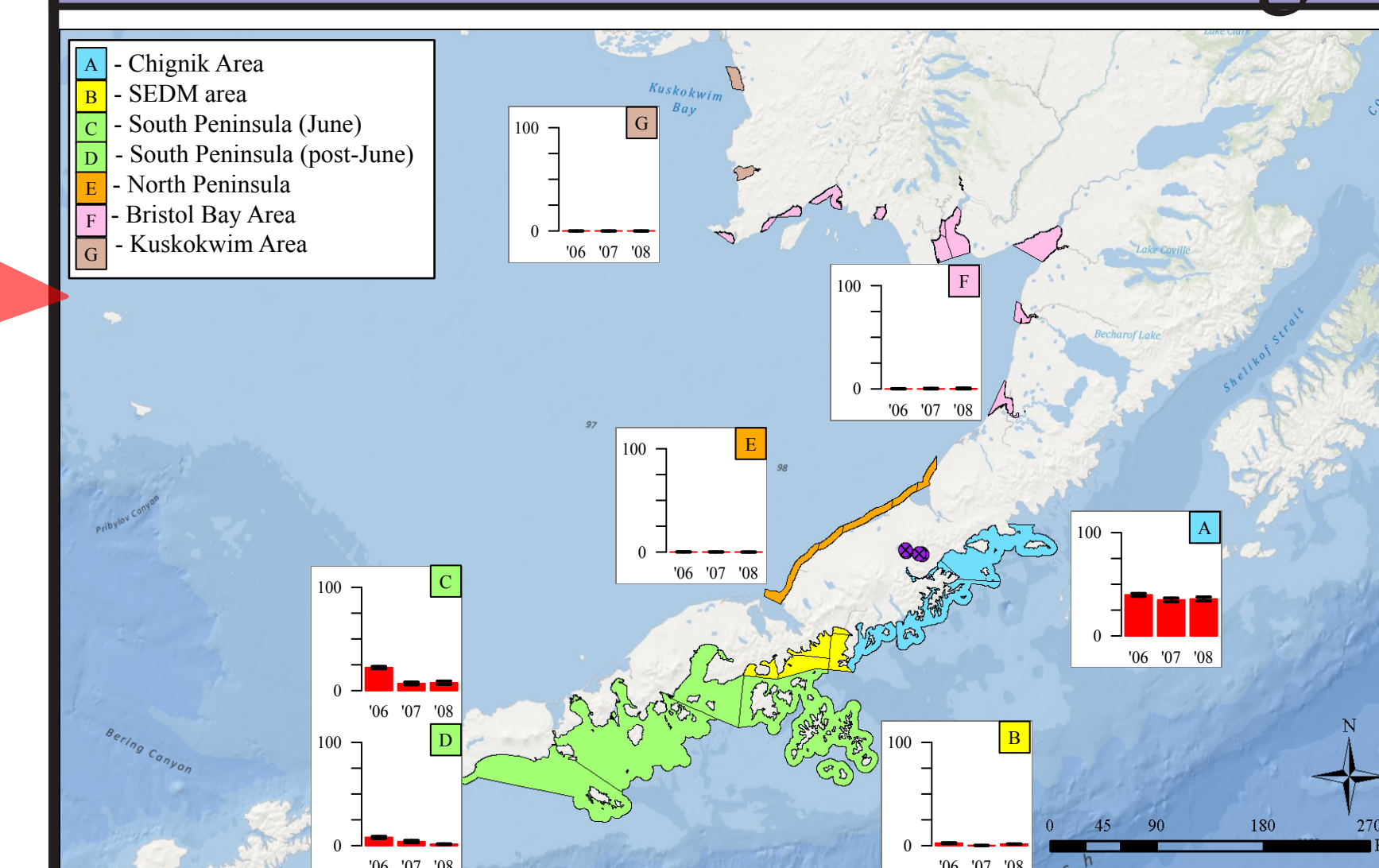


Figure 74—Median harvest rates (bars) and 90% credibility intervals (whiskers) of sockeye salmon from the Black Lake reporting group by fishery from 2006 to 2008 for the Western Alaska Salmon Stock Identification Program. Circles indicate populations in the Black Lake reporting group.

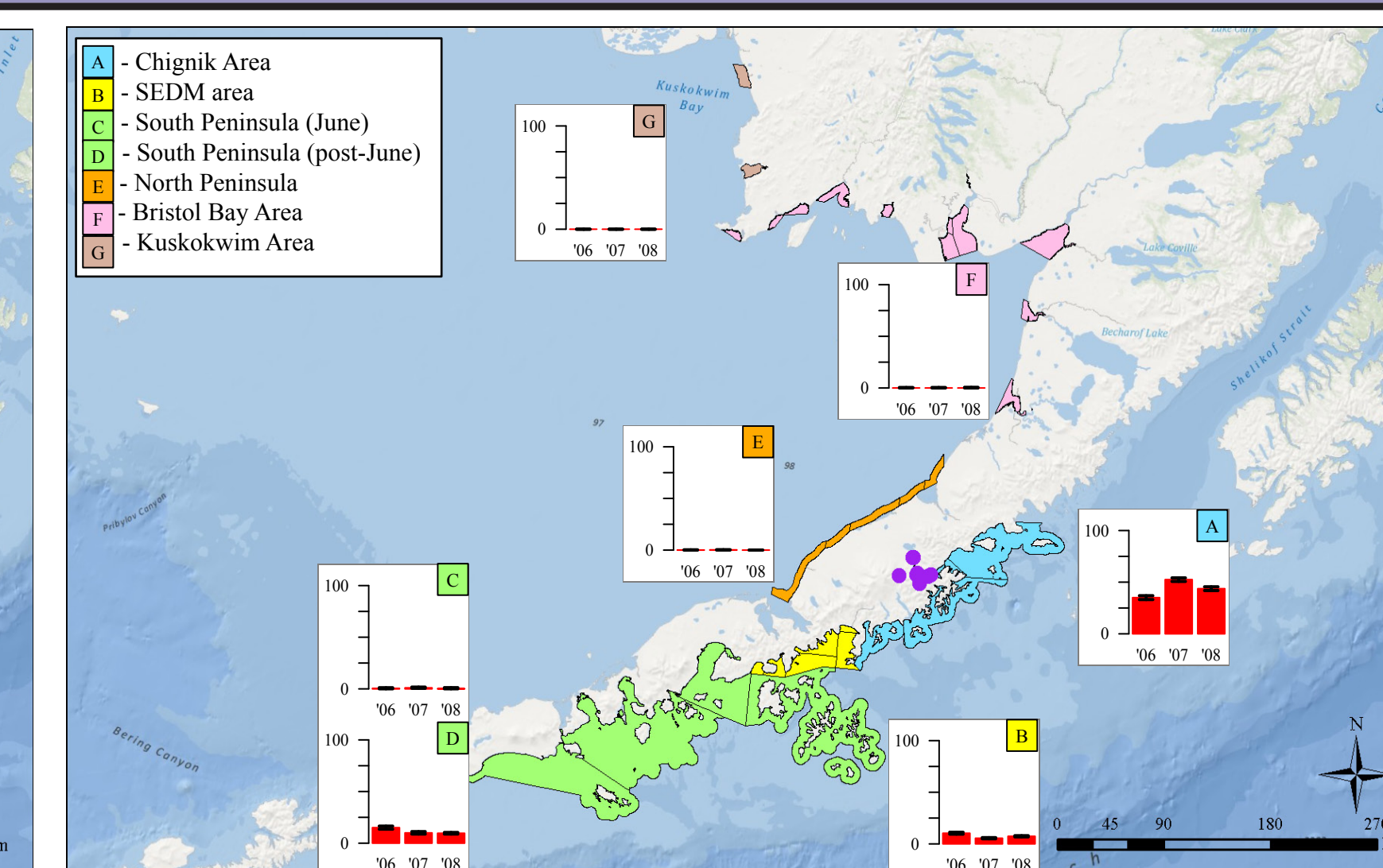


Figure 75—Median harvest rates (bars) and 90% credibility intervals (whiskers) of sockeye salmon from the Chignik Lake reporting group by fishery from 2006 to 2008 for the Western Alaska Salmon Stock Identification Program. Circles indicate populations in the Chignik Lake reporting group.

North Alaska Peninsula Stocks

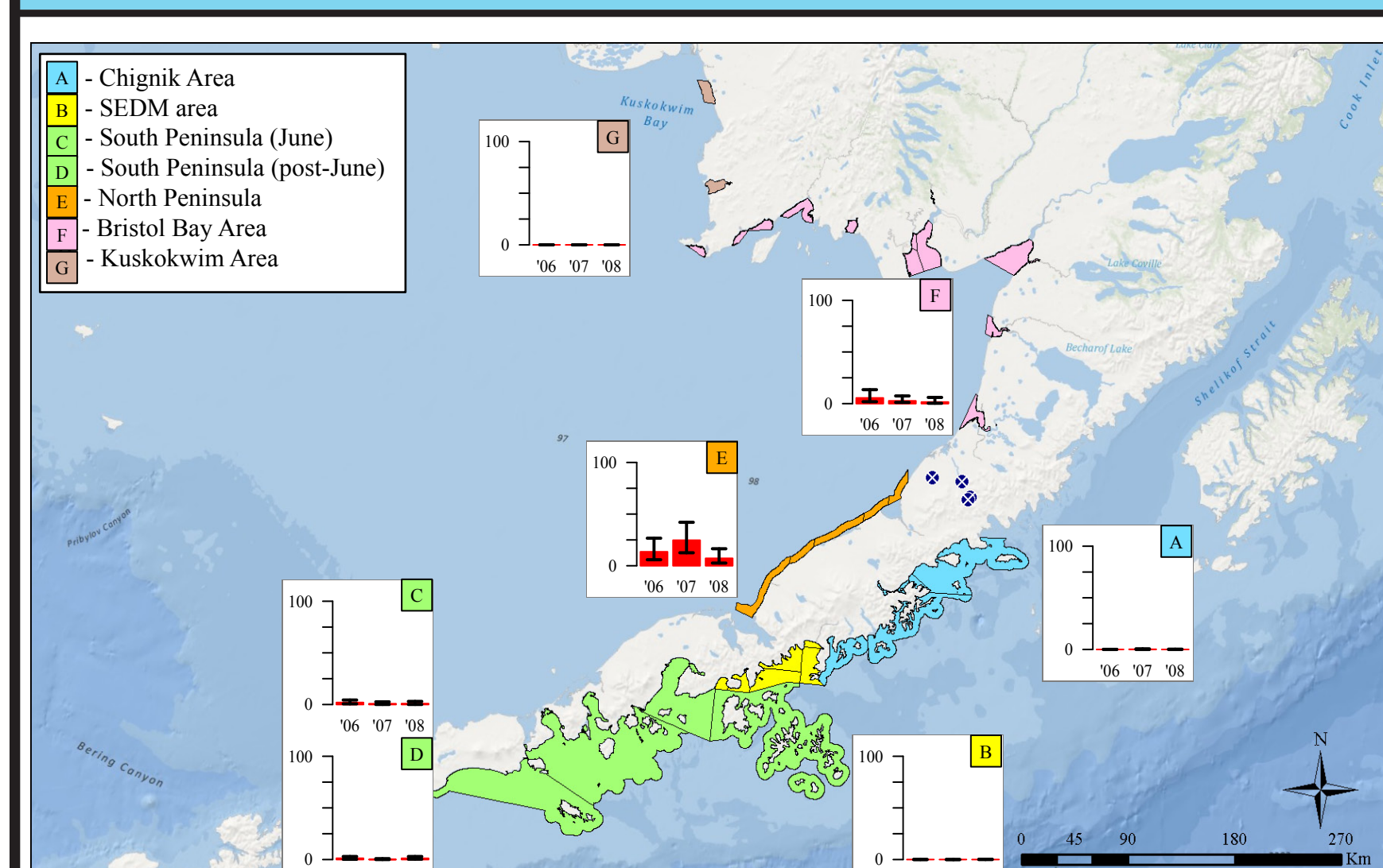


Figure 66—Median harvest rates (bars) and 90% credibility intervals (whiskers) of sockeye salmon from the Cinder reporting group by fishery from 2006 to 2008 for the Western Alaska Salmon Stock Identification Program. Circles indicate populations in the Cinder reporting group.

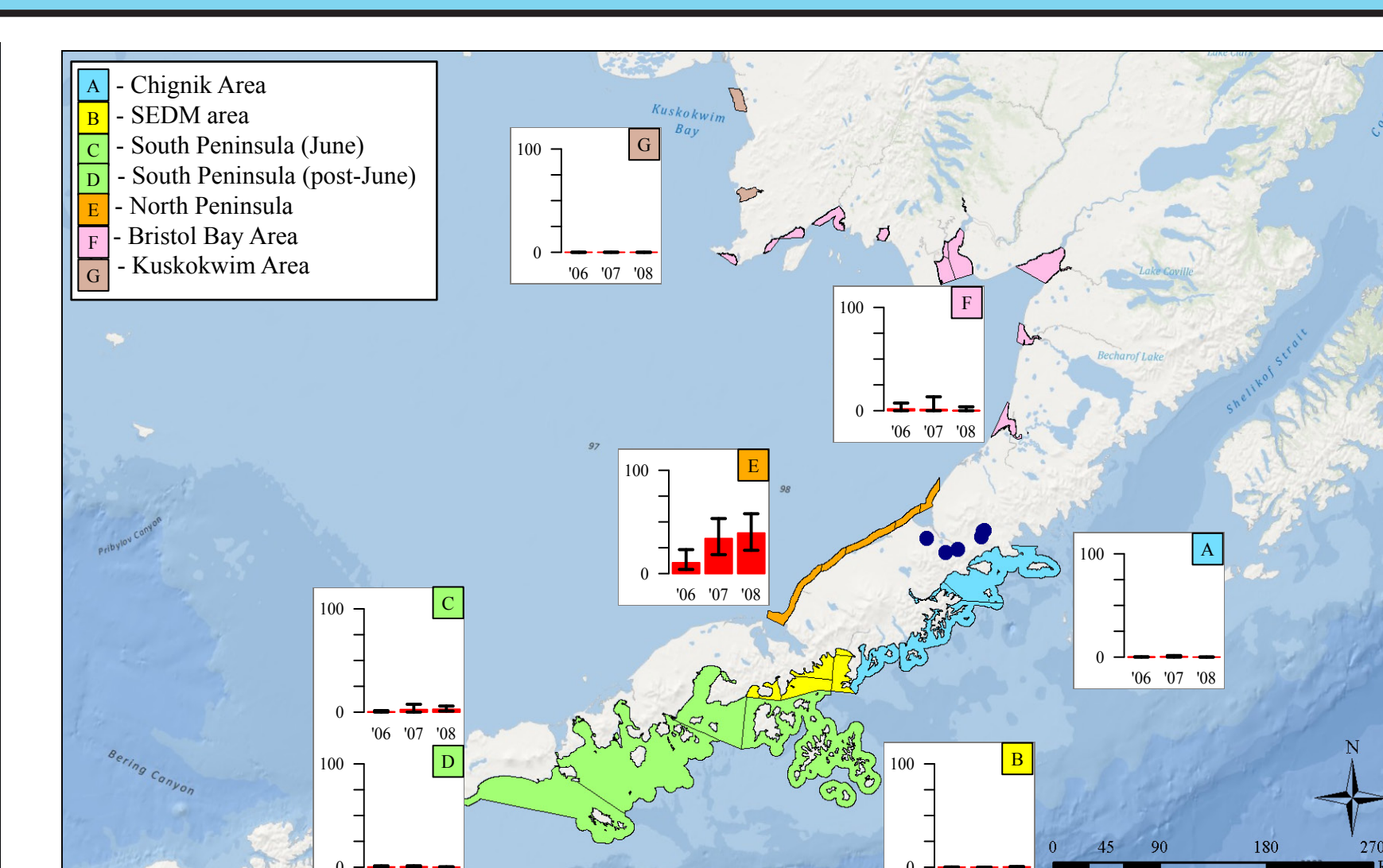


Figure 67—Median harvest rates (bars) and 90% credibility intervals (whiskers) of sockeye salmon from the Meshik reporting group by fishery from 2006 to 2008 for the Western Alaska Salmon Stock Identification Program. Circles indicate populations in the Meshik reporting group.

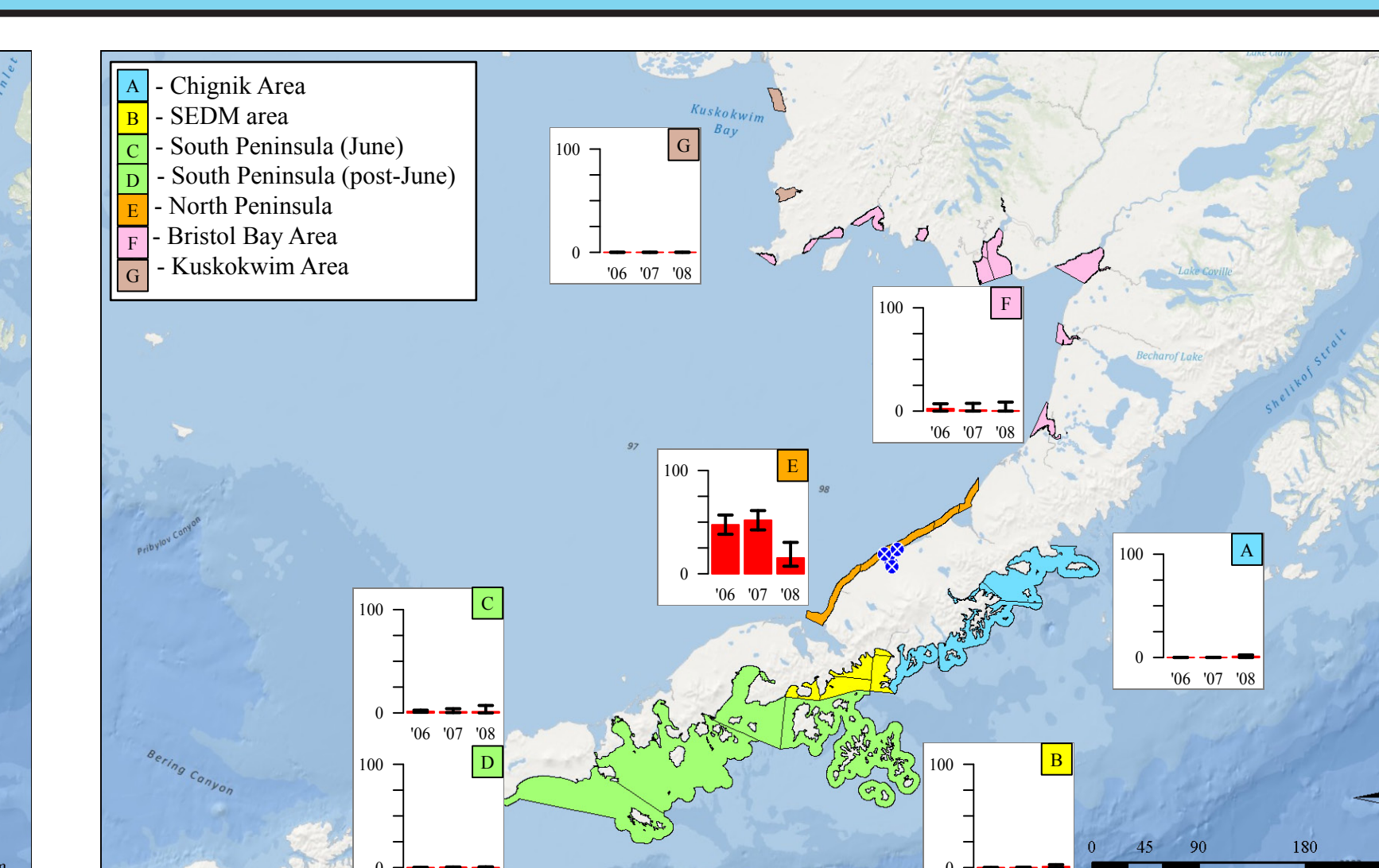


Figure 68—Median harvest rates (bars) and 90% credibility intervals (whiskers) of sockeye salmon from the Imik reporting group by fishery from 2006 to 2008 for the Western Alaska Salmon Stock Identification Program. Circles indicate populations in the Imik reporting group.

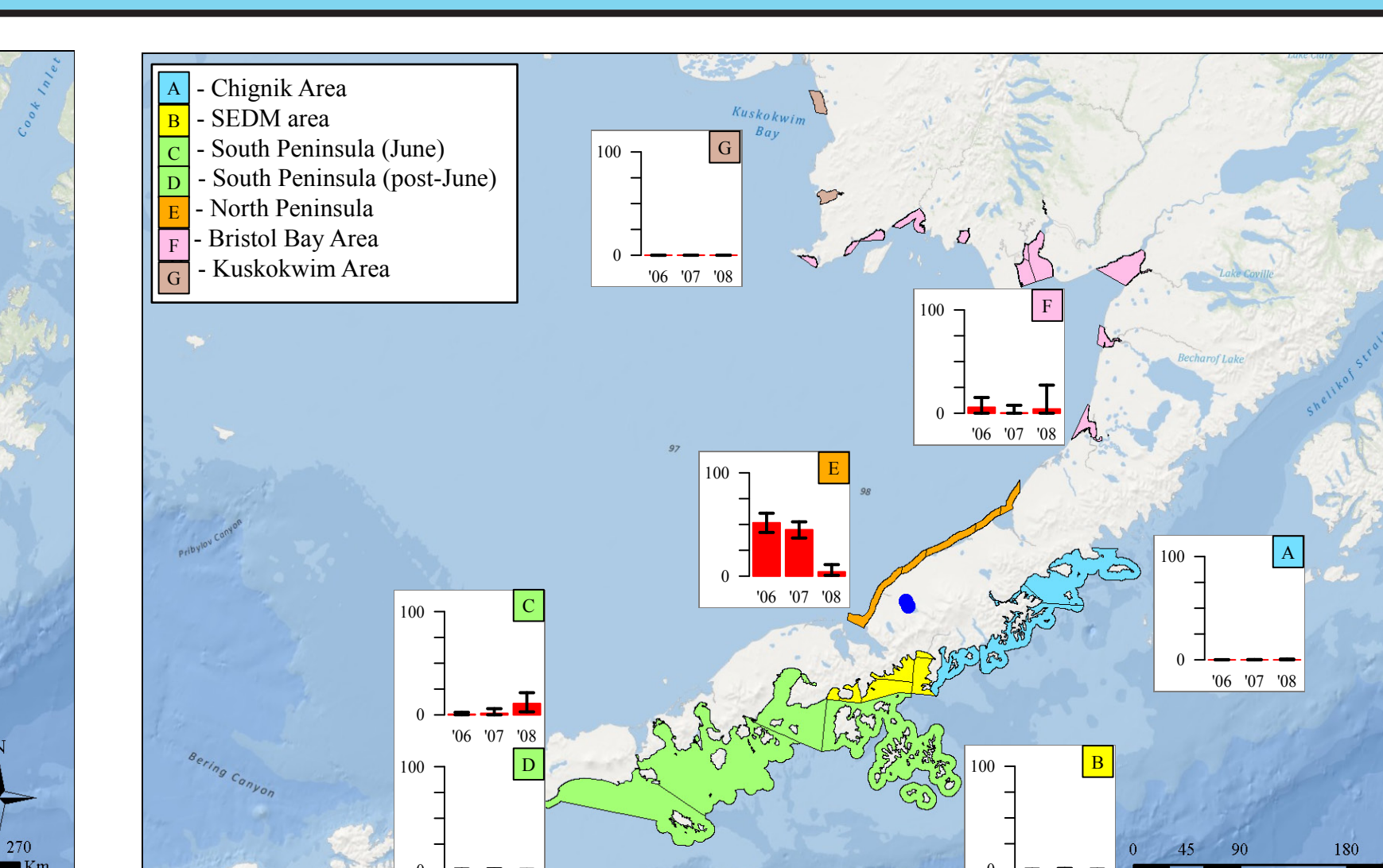


Figure 69—Median harvest rates (bars) and 90% credibility intervals (whiskers) of sockeye salmon from the Sandy reporting group by fishery from 2006 to 2008 for the Western Alaska Salmon Stock Identification Program. Circles indicate populations in the Sandy reporting group.

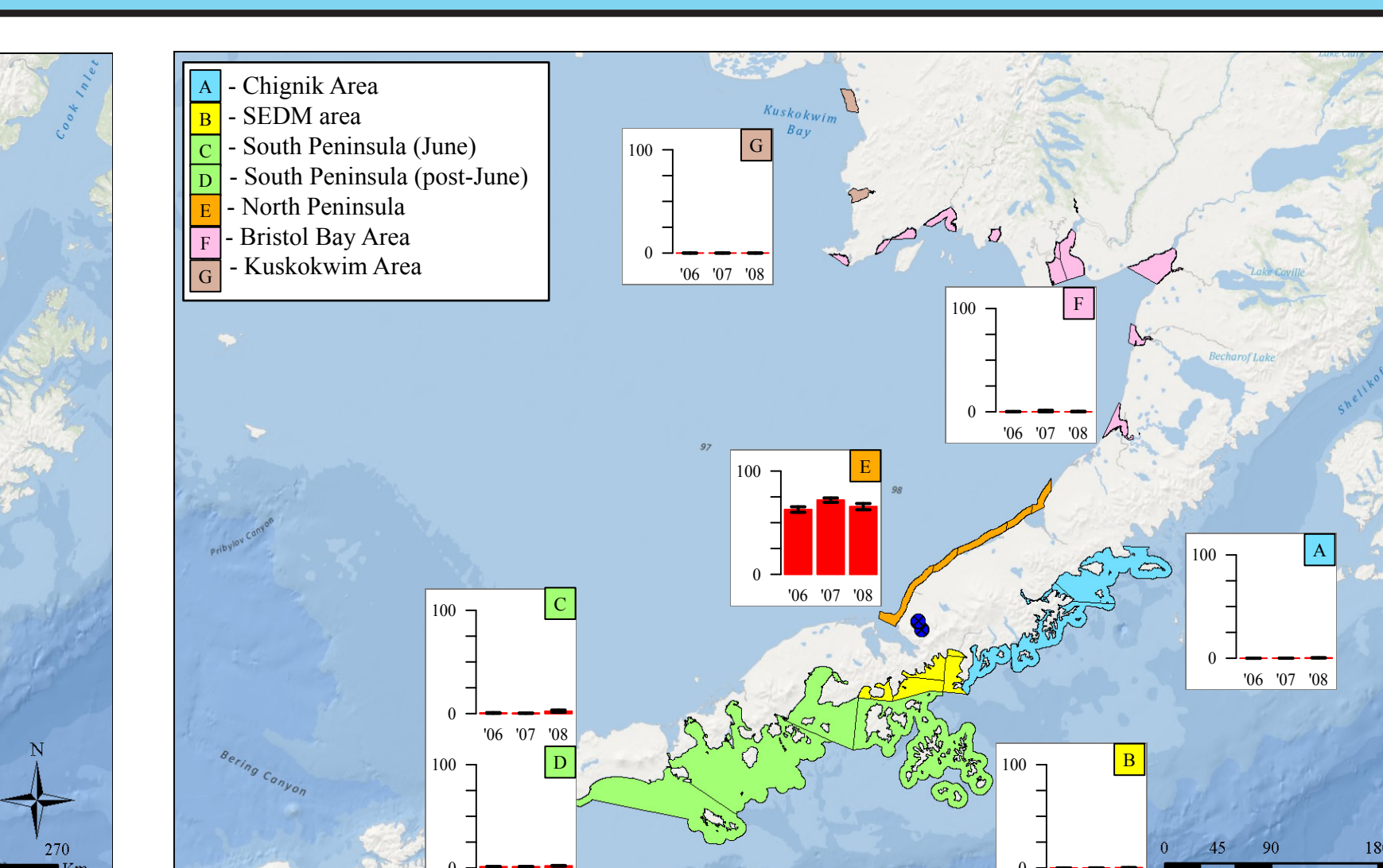


Figure 70—Median harvest rates (bars) and 90% credibility intervals (whiskers) of sockeye salmon from the Bear reporting group by fishery from 2006 to 2008 for the Western Alaska Salmon Stock Identification Program. Circles indicate populations in the Bear reporting group.

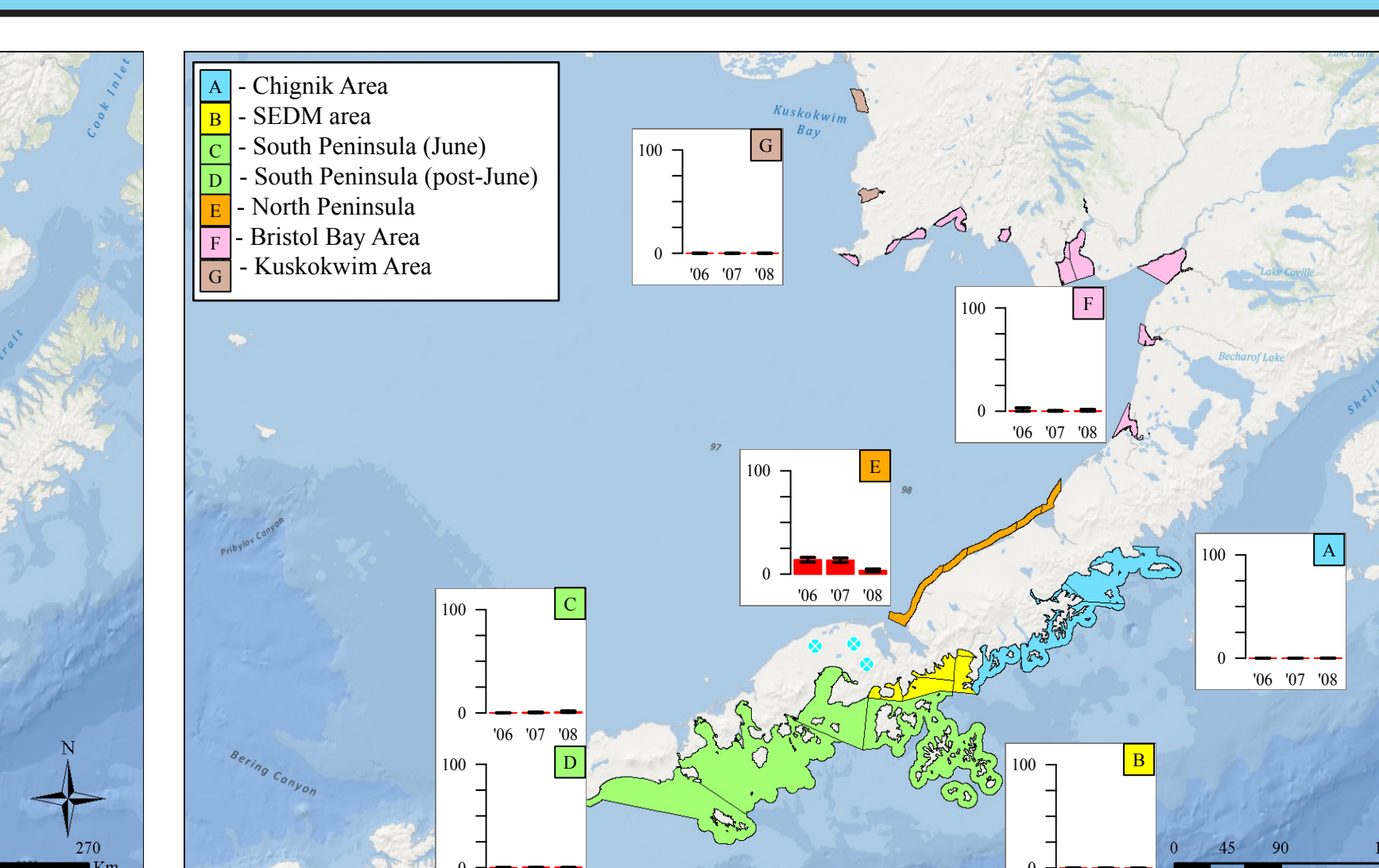


Figure 71—Median harvest rates (bars) and 90% credibility intervals (whiskers) of sockeye salmon from the Nelson reporting group by fishery from 2006 to 2008 for the Western Alaska Salmon Stock Identification Program. Circles indicate populations in the Nelson reporting group.

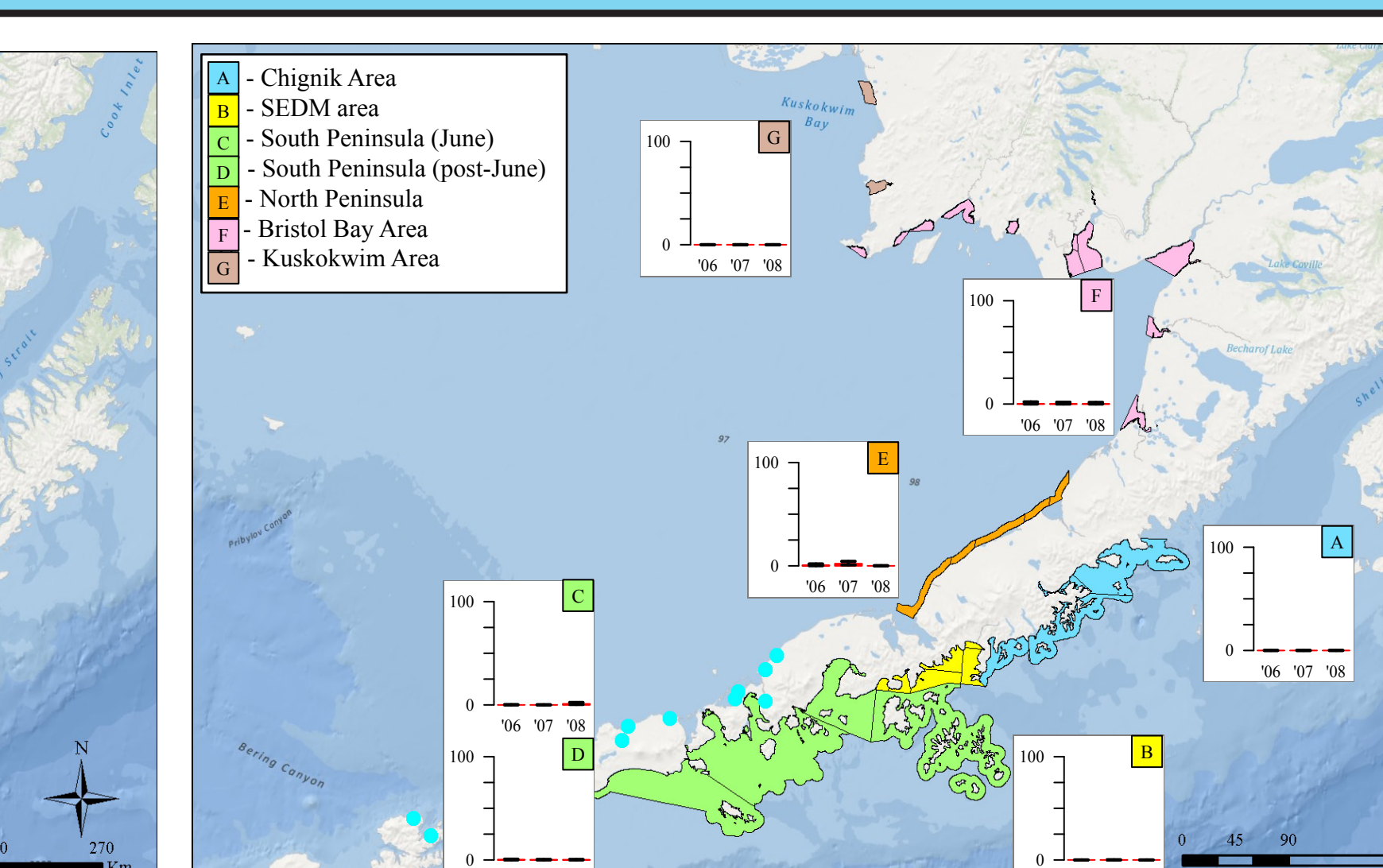


Figure 72—Median harvest rates (bars) and 90% credibility intervals (whiskers) of sockeye salmon from the Northwestern District - Black Hills reporting group by fishery from 2006 to 2008 for the Western Alaska Salmon Stock Identification Program. Circles indicate populations in the Northwestern District - Black Hills reporting group.

South Alaska Peninsula Stock

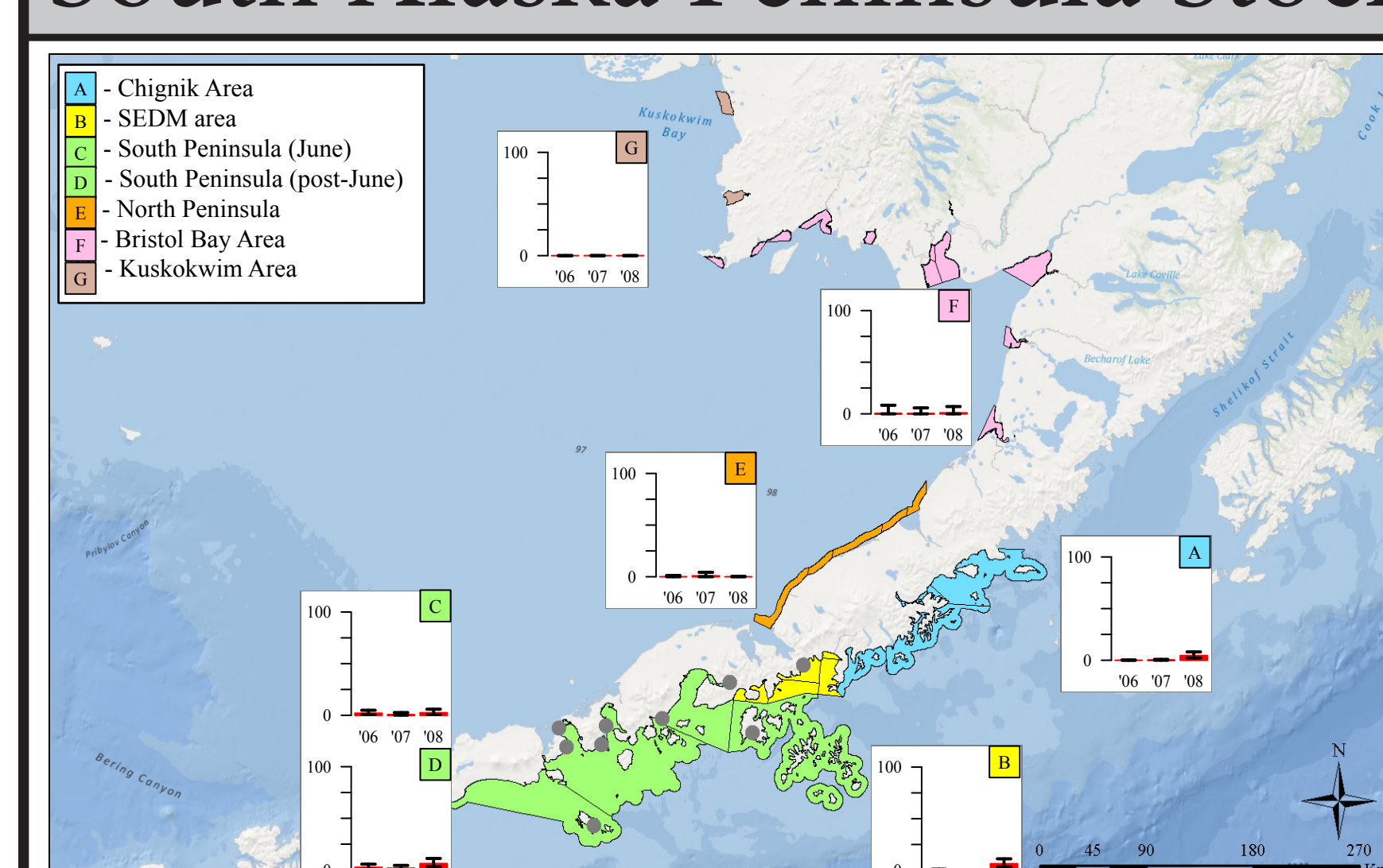


Figure 73—Median harvest rates (bars) and 90% credibility intervals (whiskers) of sockeye salmon from the South Peninsula reporting group by fishery from 2006 to 2008 for the Western Alaska Salmon Stock Identification Program. Circles indicate populations in the South Peninsula reporting group.