

Bethel Subsistence Fishing Harvest Monitoring Report, Kuskokwim Fisheries Management Area, Alaska, 2001-2003.

This final report documents subsistence fish (salmon and non-salmon) harvest estimates for the community of Bethel for the years 2001, 2002, and 2003. Data included total number of Bethel households; number of households that harvested salmon for subsistence; number of households that did not harvest salmon for subsistence; numbers of Chinook salmon, chum salmon, sockeye salmon, coho salmon, and pink salmon harvested for subsistence uses; and numbers of resident freshwater and other non-salmon fish species harvested for subsistence uses by residents of Bethel. Estimates of Bethel subsistence salmon harvest in 2001 included 27,209 Chinook salmon (*Oncorhynchus tshawytscha*); 11,319 chum salmon (*O. keta*); 15,709 sockeye salmon (*O. nerka*); 748 pink salmon (*O. gorbuscha*); and 14,949 coho salmon (*O. kisutch*), for a total of 69,934 salmon. Estimates of the subsistence salmon harvest for the community of Bethel in 2002 included 19,305 Chinook salmon (*Oncorhynchus tshawytscha*); 15,082 chum salmon (*O. keta*); 7,350 sockeye salmon (*O. nerka*); 721 pink salmon (*O. gorbuscha*); and 12,966 coho salmon (*O. kisutch*); for a total of 55,424 salmon. Estimates of the subsistence salmon harvest for the community of Bethel in 2003 included 21,475 Chinook salmon (*Oncorhynchus tshawytscha*); 9,829 chum salmon (*O. keta*); 10,542 sockeye salmon (*O. nerka*); 261 pink salmon (*O. gorbuscha*); and 13,237 coho salmon (*O. kisutch*); for an estimated total of 55,344 salmon. This salmon harvest monitoring research continues to be critical tool in Kuskokwim subsistence fisheries management.

Bethel residents harvested an estimated total of 95,440 usable pounds, 126,861 usable pounds, and 78,615 usable pounds of non-salmon fish in 2001, 2002, and 2003, respectively. Estimated Bethel non-salmon harvests, based on usable pounds, represented about 12% of the estimated total 2001 subsistence fish harvest, 19% of the 2002 fish harvest, and 15% of the 2003 Bethel subsistence fish harvest.

Citation. Simon, Jim, Tracie Krauthoefer, David Koster, Michael Coffing, and David Caylor. 2007. Bethel subsistence fishing harvest monitoring report, Kuskokwim Fisheries management area, Alaska, 2001-2003. Alaska Department of Fish and Game, Division of Subsistence Technical Paper No. 330, Juneau.