

A GIS Atlas of Customary and Traditional Subsistence Fish Harvests in the Upper Copper River

Abstract: A map series was created to display harvests of non-salmon fish for subsistence by four communities in the upper Copper River drainage in 2001. Data were from household surveys conducted in 2002 by the Copper River Native Association and the Alaska Department of Fish and Game. Harvests were reported from 48 rivers, lakes, and creeks, all but two of which were within the Copper River watershed. Eight species of fish were known to be harvested. The greatest amount of effort (as measured by number of days fished) was spent on Arctic grayling and rainbow trout. Arctic grayling were also harvested from the greatest number of water bodies. Fish were harvested using six different methods, the most common of which was rod and reel. Cars and trucks were used to access the greatest number of sites, but participants also used boats, snow machines, ATVs, planes, and walked to sites. Most sites also contain salmon (seasonally), but it is not known how often salmon and non-salmon harvests were coordinated. This map series could be augmented by adding harvest data from other species or years, environmental information, and demographic data.

Recommended

Citation: Haley, B., and M. J. Nemeth. 2005. Atlas of non-salmon fish harvested for subsistence by select communities in the upper Copper River drainage in 2001. U. S. Fish and Wildlife Service, Office of Subsistence Management, Fisheries Resource Monitoring Program, Final Report (Study No. 03-010). LGL Alaska Research Associates, Inc.