

PERFORMANCE REPORT

STATE: Alaska

GRANT NO.: F-10-33

GRANT TITLE: Sport Fish Investigations in Alaska

PERIOD COVERED: July 1, 2017 – June 30, 2018

STUDY NO. AND TITLE: RT-01 Statewide Harvest Survey

STUDY OBJECTIVES:

To estimate participation, catch, and harvest for major Alaska sport-caught species statewide, by area, and by fishery such that statewide estimates of participation and harvest will be within 15% of actual values 95% of the time.

RESULTS/DISCUSSION:

Questionnaires were developed and mailed to a stratified random sample of 47,000 households with 2017 Alaska sport fishing license(s). Reminder letters and questionnaires were mailed to first-time and second-time nonrespondents. Data from approximately 16,181 completed questionnaires were coded, captured, verified, edited, and processed to produce summary reports. Staff reviewed preliminary estimates of harvest, catch and participation and final estimates were generated. A computer-based processing, storage and retrieval system was maintained and updated.

The survey estimated that sport anglers in Alaska expended a total of 2,006,398 angler days of effort in 2017 (standard error = +/- 2% at 95% confidence interval). Approximately two-thirds (65.4%) of this angling effort was expended by anglers fishing in the Southcentral region of the state, followed by Southeast Region (27.8%) and the Arctic-Yukon-Kuskokwim Region (6.8%).

FINAL REPORT STATUS:

This report constitutes the final report for this project during this grant period.

The full results of this survey will be reported in a Fishery Data Series report titled "Participation, Catch and Harvest in Alaska Sport Fisheries During 2017." A summary of final 2017 estimates and multi-year summaries of similar estimates will be available on the division's Internet site at <http://www.adfg.alaska.gov/sf/sportfishingsurvey/>.

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DATE: August 17, 2018