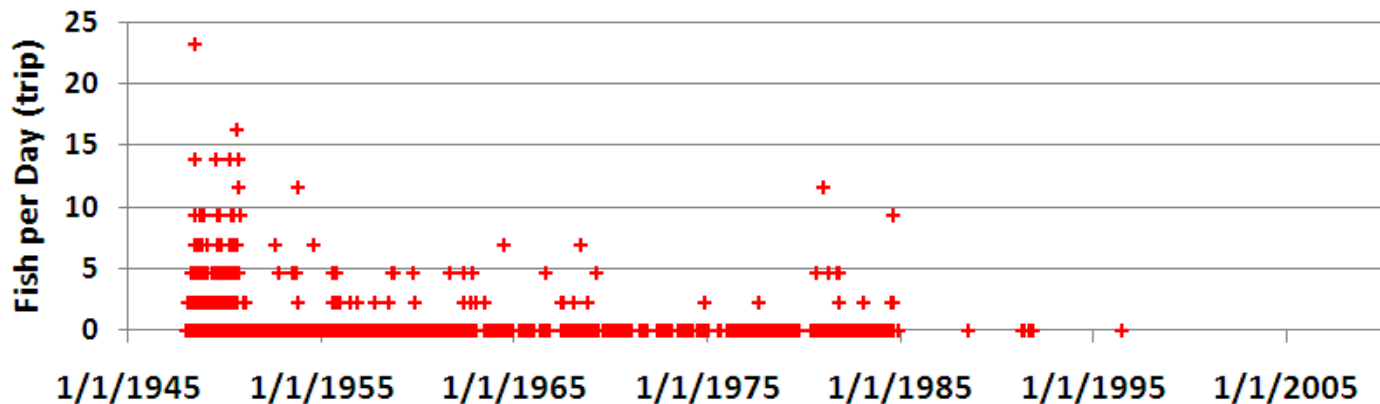


Fish Count per trip Trend Plots

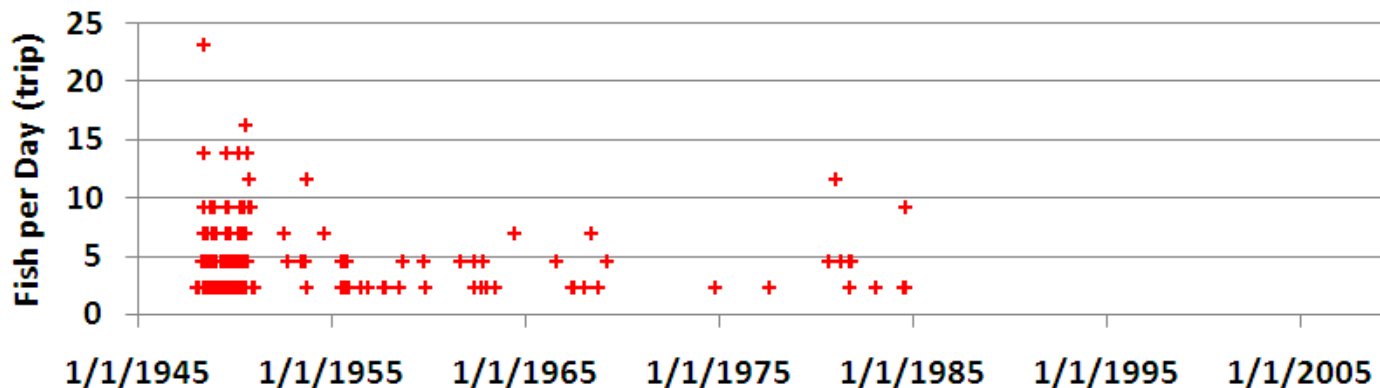
The following page contain examples of how data is presented during the Oahu data presentation public meetings (September 2009) and in data files available at this link. Confidential fishing information for the species, gear type and time period of interest is used to determine trends but cannot be presented. Data records with zero fish recorded are sorted out and eliminated from the analysis. Linear trend through time is calculated using Excel™ spreadsheet functions. The slope and intercept determined by functions are then combined with the date records from the catch records to mathematically predict trend points. Trend points are then scatter-plotted against time to show fishery catch-per-report trend. Catch-per-report is assumed to reflect catch-per-trip from single day trips but may not in all cases (e.g. multiday deep-sea handline trips during the 1940s through 1960s). The regression formula and R-squared are presented for the most important trend lines.

Example Catch Through Time Data

All Confidential Data Example - Zeros Included

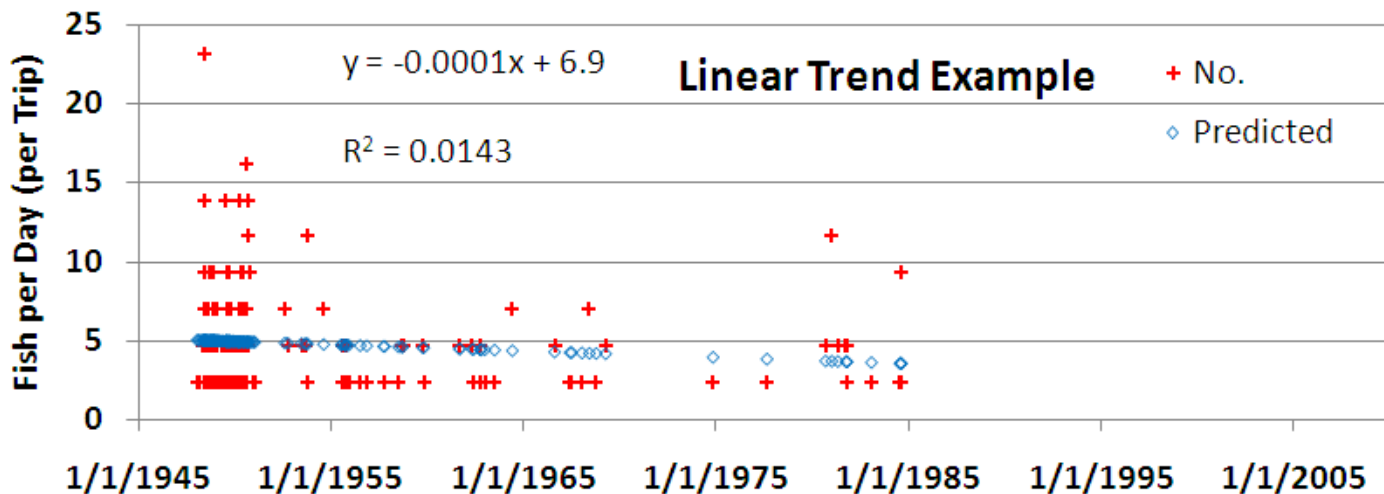
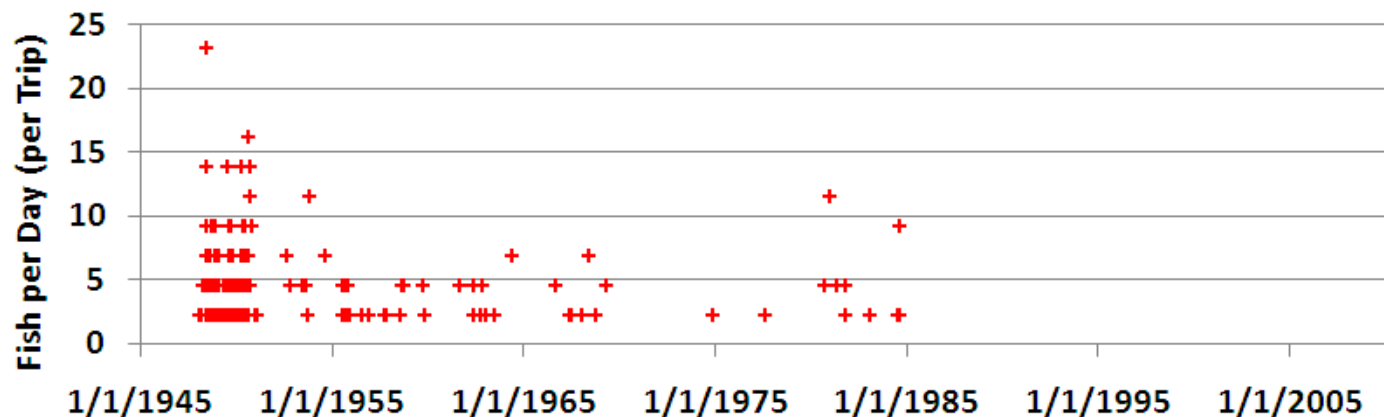


Confidential Data Example - No Zeros



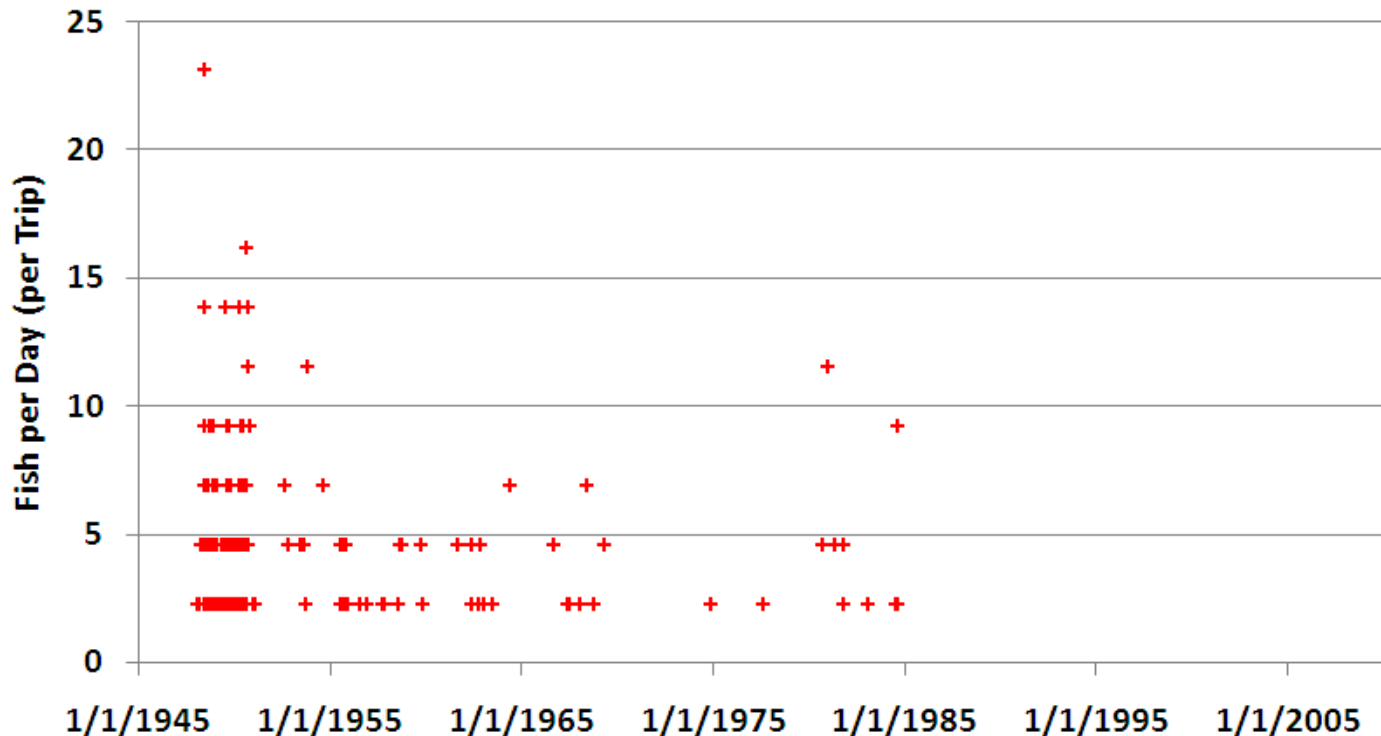
Linear Trend Example

Confidential Data Example - No Zeros



Example Catch Through Time

Confidential Data - No Zeros



Summary Catch Through Time Example

