

Submitted by the Alaska Department of Fish and Game.
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Southeast Alaska herring biomass and harvest.

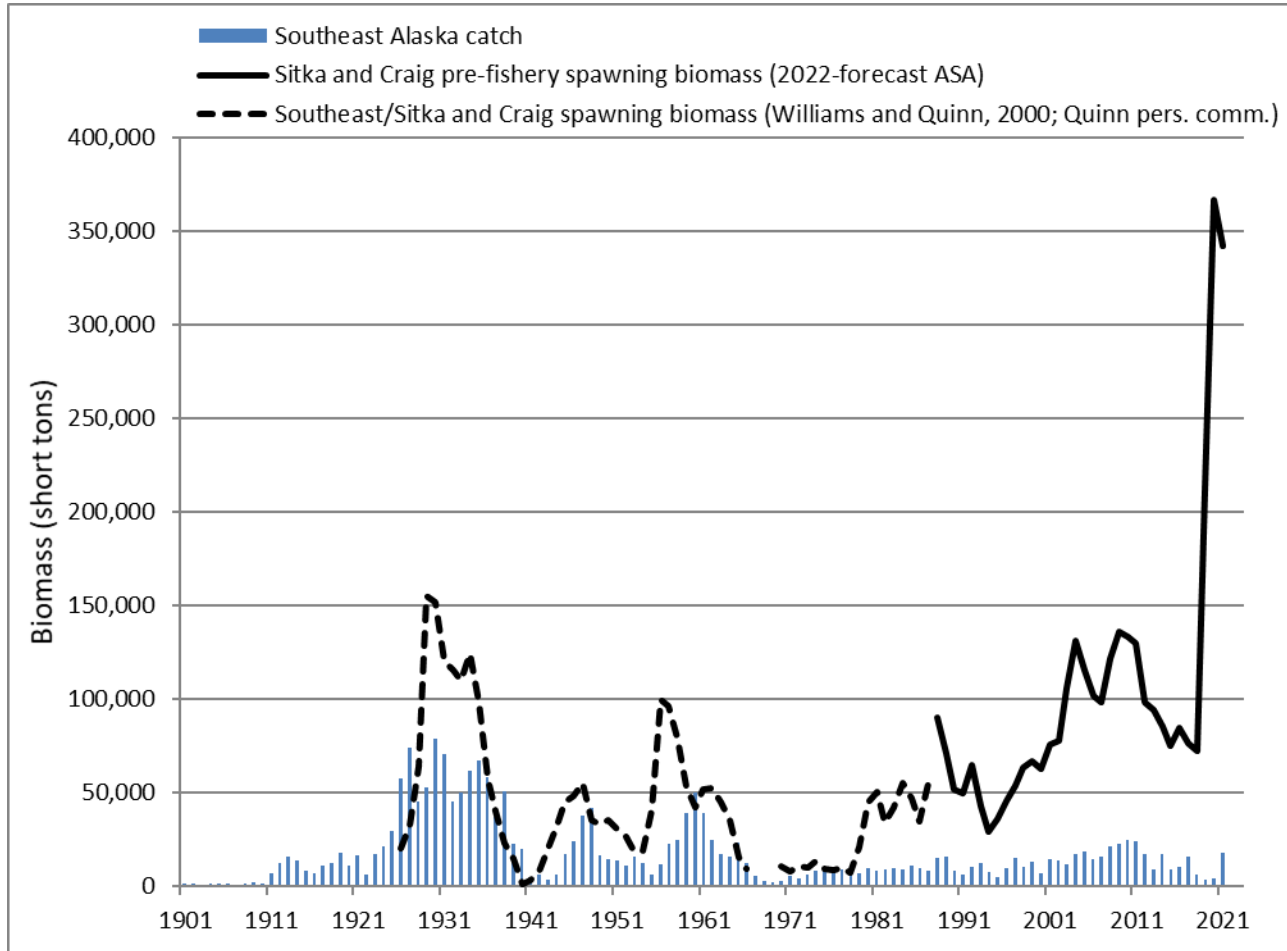


Figure 1. Southeast Alaska (1926–1966) and Sitka Sound and Craig spawning biomass (1977–1996) in short tons estimated with cohort analysis (Williams and Quinn 2000, Quinn personal communication; dashed line), Sitka Sound and Craig pre-fishery spawning biomass (short tons) from the 2022-forecast integrated statistical catch at age models (black line), and harvest (short tons) from all Southeast Alaska stocks including Sitka Sound and Craig (blue bars). Harvest is the combined amounts of reduction (ended in the mid-1960s), winter bait, spawn-on-kelp (pound fishery), sac roe (began in the mid-1960s), test fisheries, and bait-pound. Harvest is combined for Southeast Alaska stocks because it was not recorded by individual stock in early years. Biomass of Sitka Sound and Craig were combined by Williams and Quinn (2000) to extend their time-series forward (Sitka and Craig were a majority of Southeast biomass in most years). Biomass of Sitka and Craig from recent models (2022-forecast) were used to extend the biomass time-series to 2021. The State ADF&G began documenting spawn mileage in 1962 and transitioned to management. Prior to that, management was conducted by the U.S. Bureau of Commercial Fisheries and U.S. Dept of Interior, Fish and Wildlife Service.