



## Advisory Announcement

*For Immediate Release: July 6, 2022*

**CONTACT: Katie Taylor**  
Assistant Area Management Biologist  
kathryn.taylor@alaska.gov  
(907) 772-3801

### 2022 POINT GARDNER AND KINGSMILL TEST FISHERIES UPDATE # 2

Point Gardner and Kingsmill test fisheries are ongoing projects that assess pink and chum salmon abundance returning to Section 9-B and District 10. Test fishing at Point Gardner occurs one day per week for 5 weeks starting in statistical week 27 (June 26 – July 2). The Point Gardner test fishery has proven to be a very good indicator for pink salmon returning to Frederick Sound and lower Stephens Passage, particularly to District 10. The Kingsmill test fishery occurs one day per week for four weeks starting in statistical week 28 (July 3 – July 9). The Kingsmill test fishery is used as an indicator for runs returning to Frederick Sound and to eastern lower Chatham Strait (Section 9-B and District 10). Results from the Kingsmill test fishery are generally less conclusive since the test fishery will catch fish heading north to Frederick Sound and south to Rowan and Tebenkof Bays.

This year the *F/V St. Janet* is conducting both test fisheries.

**Point Gardner:** The second test fishery was conducted on Monday, July 4. All seven scheduled sets were completed. Pink and chum salmon harvests were below the recent 10-year average (2012 – 2021). Male sex ratios for pink salmon were 75%. Male sex ratios for chum salmon were 58%.

**Kingsmill:** The first test fishery was conducted on Tuesday, July 5. All seven scheduled sets were completed. Pink and chum salmon harvests were below the recent 10-year average. Male sex ratios for pink salmon were 85%. Male sex ratios for chum salmon were 73%.

**Run Strength:** It is difficult to gauge the pink salmon run strength after the first two test fishing periods but both SW 27 and SW 28 Point Gardner test fishery results were below the recent 10-year average. The first Kingsmill test fishery indicates a below average pink salmon run strength as well. Chum salmon harvests have also been below average for both test fisheries. Run strength indicators will become more conclusive as more test fishery periods are conducted.

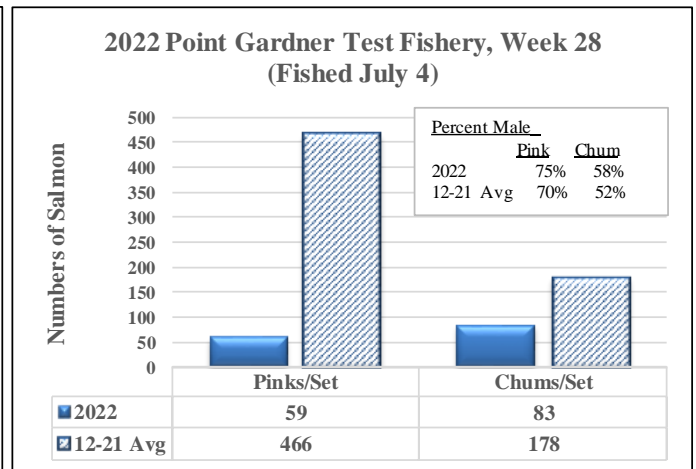
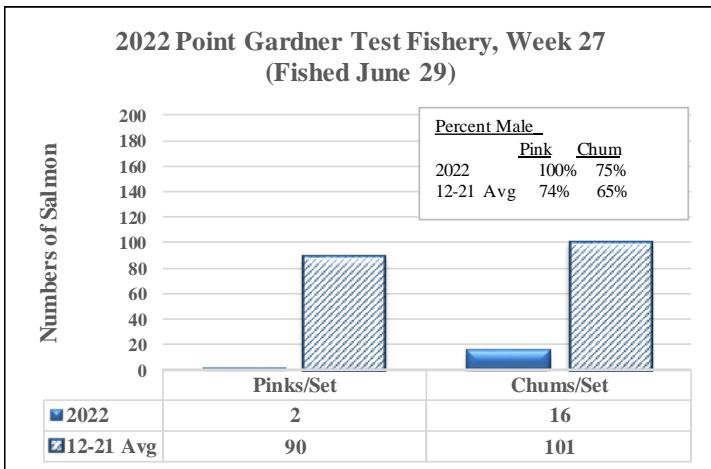
**Sex Ratio Sampling:** Sex ratio sampling is used as a tool in determining run timing. Numbers of males are higher during the beginning of the run and females are more numerous during the latter part of the run. Comparing this year's sex ratios to the historical average provides an indication of whether the run is earlier, later, or similar in run timing to previous years. If the sex ratios were representative, then the pink and chum salmon run timings may be later than normal as indicated by the above average sex ratio. However, the results are inconclusive due to small sample sizes.

#### Average Weights:

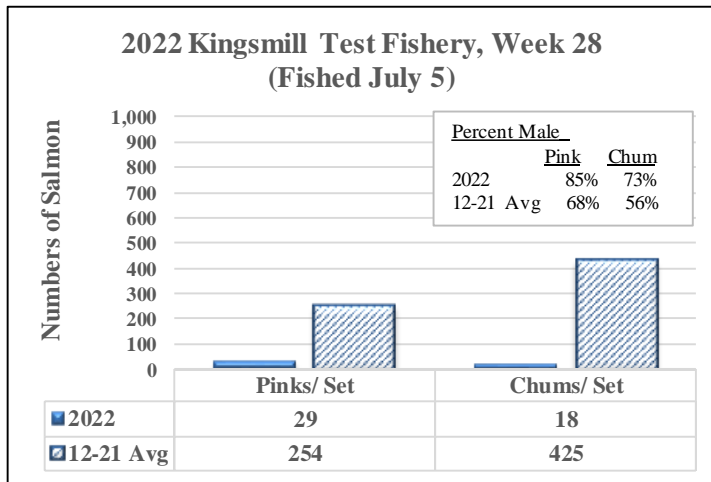
- Point Gardner: pink salmon: 4.0 pounds; chum salmon: 8.7 pounds.
- Kingsmill: pink salmon: 4.4 pounds; chum salmon: 6.5 pounds.

**Next Test Fisheries:** Point Gardner and Kingsmill test fisheries are scheduled for Monday, July 11, and Tuesday, July 12.

**Point Gardner:**



**Kingsmill:**



Advisory Announcement web site: <http://www.adfg.alaska.gov/index.cfm?adfg=cfnews.main>.

Office	Ketchikan	Petersburg	Wrangell	Sitka	Juneau	Haines	Yakutat
ADF&G	225-5195	772-3801		747-6688	465-4250	766-2830	784-3255
AWT	225-5111	772-3983	874-3215	747-3254	465-4000	766-2533	784-3220