



Advisory Announcement

For Immediate Release: July 27, 2022

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2022 POINT GARDNER AND KINGSMILL TEST FISHERIES UPDATE # 5

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 occurred one day per week for five 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 occurred 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* conducted both test fisheries.

Point Gardner: The fifth and final Point Gardner test fishery of the 2022 season was conducted on Monday, July 25. Six of the seven scheduled sets were completed. Pink salmon harvests were near the recent 10-year average (2012 – 2021). Chum salmon harvests were above the recent 10-year average. Pink salmon sex ratios were 61% male. Chum salmon sex ratios were 47% male.

Kingsmill: The fourth and final Kingsmill test fishery of the 2022 season was conducted on Tuesday, July 26. All seven scheduled sets were completed. Pink salmon harvests were near the recent 10-year average. Chum salmon harvests were above the recent 10-year average. Pink salmon sex ratios were 61% male. Chum salmon sex ratios were not available.

Run Strength: In statistical week 31, Point Gardner and Kingsmill harvest rates for pink salmon were average while chum salmon harvest rates were well above average. Pink salmon harvest rates may reflect an average run. Chum salmon harvest rates may reflect an average to above average run.

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, the Point Gardner test fishery results imply later than normal pink and chum salmon run timing.

Average Weights:

- Point Gardner: pink salmon: 3.9 pounds; chum salmon: 6.4 pounds.
- Kingsmill: pink salmon: 3.7 pounds; chum salmon: 6.3 pounds.

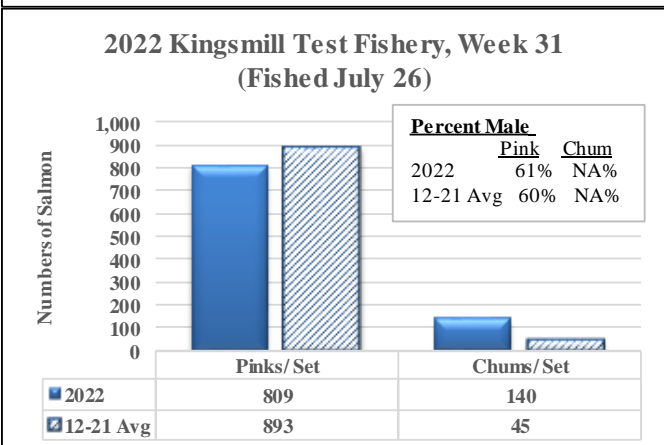
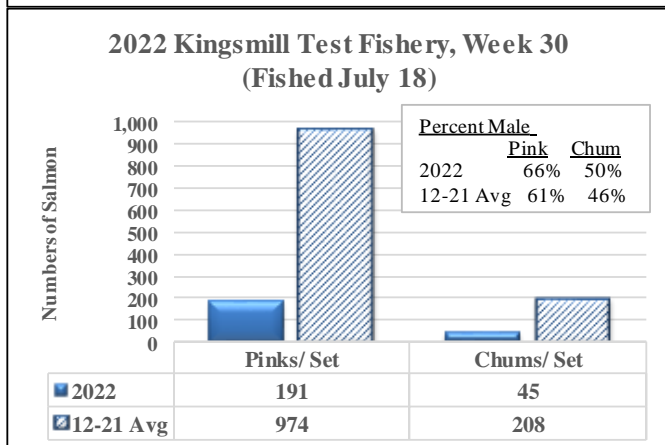
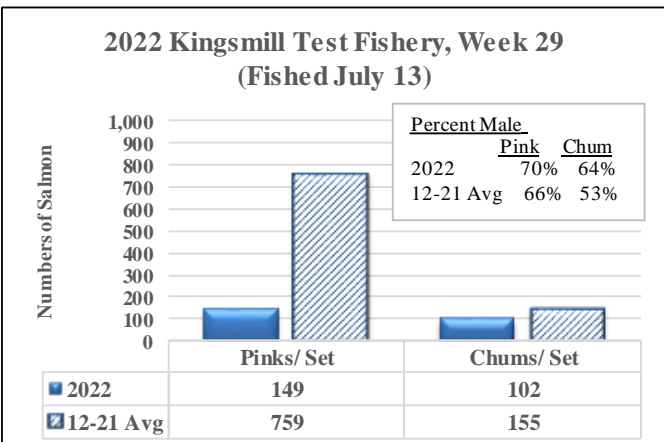
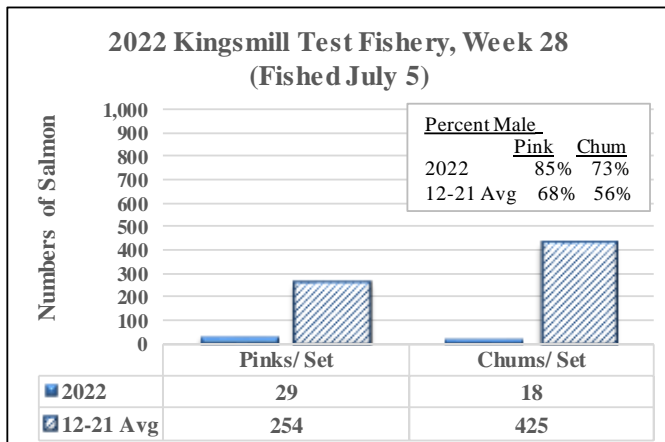
Next Test Fisheries: Both test fisheries have concluded for the 2022 season.

Point Gardner:



*The July 19 Point Gardner test fishery male pink percentage was adjusted from the previous percentage with dockside sampling data.

Kingsmill:



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

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