



Advisory Announcement

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

2023 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 five weeks starting in statistical week 26 (June 25 – July 1). 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 27 (July 2 – July 8). 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 3. All seven scheduled sets were completed. Pink salmon harvests were above the recent 10-year average (2013 – 2022). Chum salmon harvests were well above the recent 10-year average. Male sex ratios for pink salmon were 82%. Male sex ratios for chum salmon were 76%.

Kingsmill: The first test fishery was conducted on Tuesday, July 4. All seven scheduled sets were completed. Pink and chum salmon harvests were above the recent 10-year average. Male sex ratios for pink salmon were 80%. Male sex ratios for chum salmon were 74%.

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 are representative, pink salmon run timing may be near average or slightly later, and chum salmon run timing may be later than average.

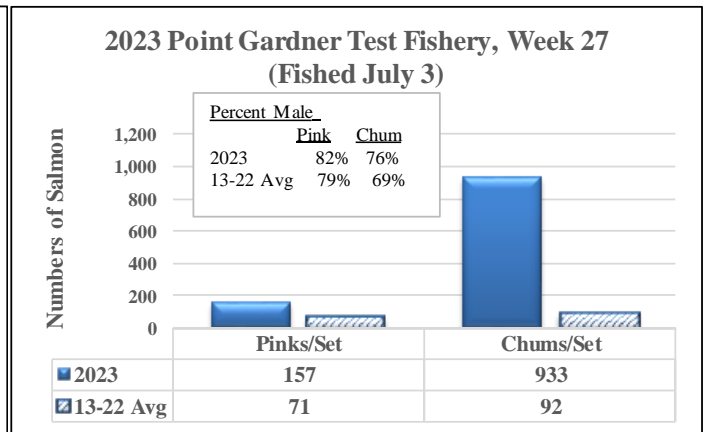
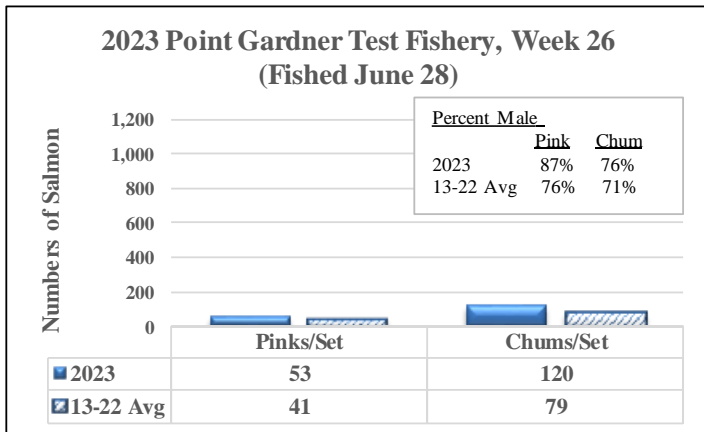
Run Strength: Based on test fishing results to date, with above average harvests and sex ratios, both pink and chum salmon runs entering Frederick Sound appear to be above average.

Average Weights:

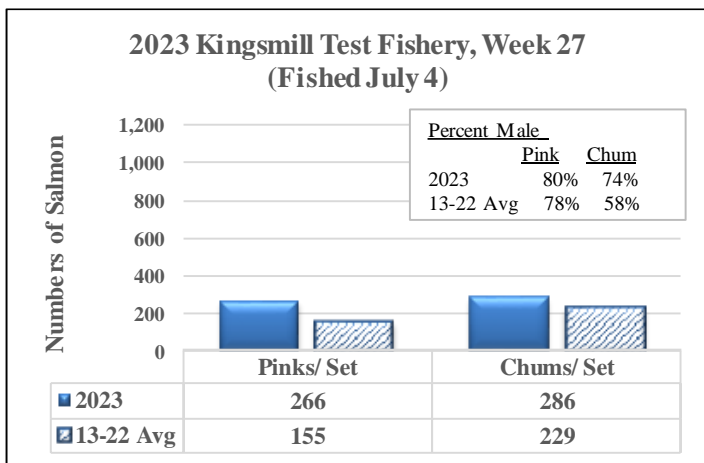
- Point Gardner: pink salmon: 3.5 pounds; chum salmon: 5.7 pounds.
- Kingsmill: pink salmon: 3.1 pounds; chum salmon: 5.4 pounds.

Next Test Fisheries: Point Gardner and Kingsmill test fisheries are scheduled for Monday, July 10, and Tuesday, July 11.

Point Gardner:



Kingsmill:



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

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