

---

# ALASKA DEPARTMENT OF FISH AND GAME

## DIVISION OF COMMERCIAL FISHERIES

### FISHERY UPDATE



*Doug Vincent-Lang, Commissioner*  
*Sam Rabung, Director*



---

Contact:  
Troy Thynes

Phone: (907) 772-3801  
Fax: (907) 772-9336

Petersburg Area Office  
16 Sing Lee Alley  
Petersburg, Alaska 99833  
Date: July 19, 2019  
Time: 1:15 p.m.

---

#### 2019 POINT GARDNER AND KINGSMILL TEST FISHERIES UPDATE #4

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 23-29). 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 (June 30-July 6). The Kingsmill test fishery is used as an indicator for runs returning to Frederick Sound and to eastern lower Chatham Straits (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 the Point Gardner test fishery and the *F/V Empress* is conducting the Kingsmill test fishery.

**Point Gardner:** The fourth test fishery was conducted on Wednesday, July 17. All seven scheduled sets were completed. Pink salmon harvest remained below average but increased substantially from prior weeks. Chum salmon harvest was above average. Male sex ratios were below average for pink salmon and above average for chum salmon.

**Kingsmill:** The third test fishery was conducted on Tuesday, July 16. All seven scheduled sets were completed. Pink salmon harvest was below average, whereas chum salmon harvest was well above average. Male sex ratios were average for pink salmon and above average for chum salmon.

**Run Strength:** Both test fisheries indicate weaker than normal pink salmon returns. The strength of the chum salmon run appears to be strong as indicated by near average to above average chum salmon harvest and later timing in both test fisheries.

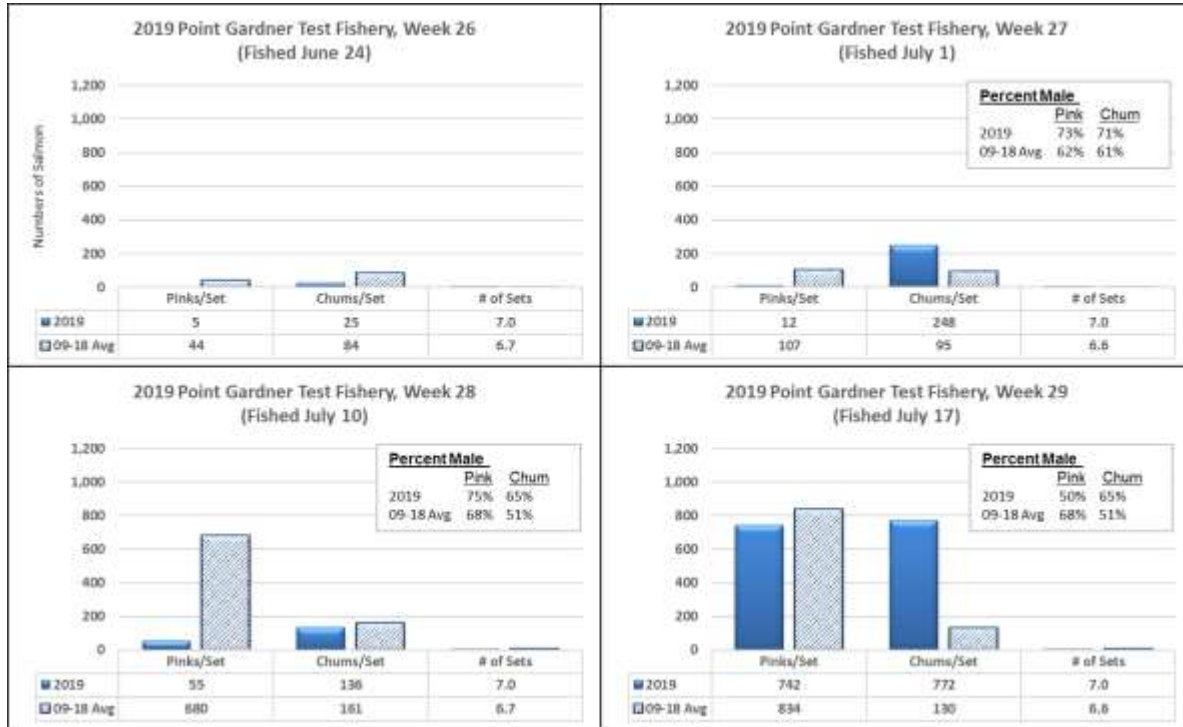
**Sex Ratio Sampling:** Sex ratio sampling is used as a tool in determining run timing. Numbers of males are higher during the beginning of the run and females are more numerous during the latter part of the run. Comparing this year's sex ratios to the historical average provides an indication of whether the run is earlier, later, or similar in run timing to previous runs. For pink salmon, the male sex ratio again differed between Point Gardner and Kingsmill; it was lower than average at Point Gardner and average at Kingsmill. The pink salmon sex ratio results have varied between the test fisheries and across the weeks. It does not appear the pink salmon run is late, and the run timing is likely normal. The chum salmon male sex ratio for all test fisheries to date has been higher than normal indicating a later than normal run.

**Average Weights:**

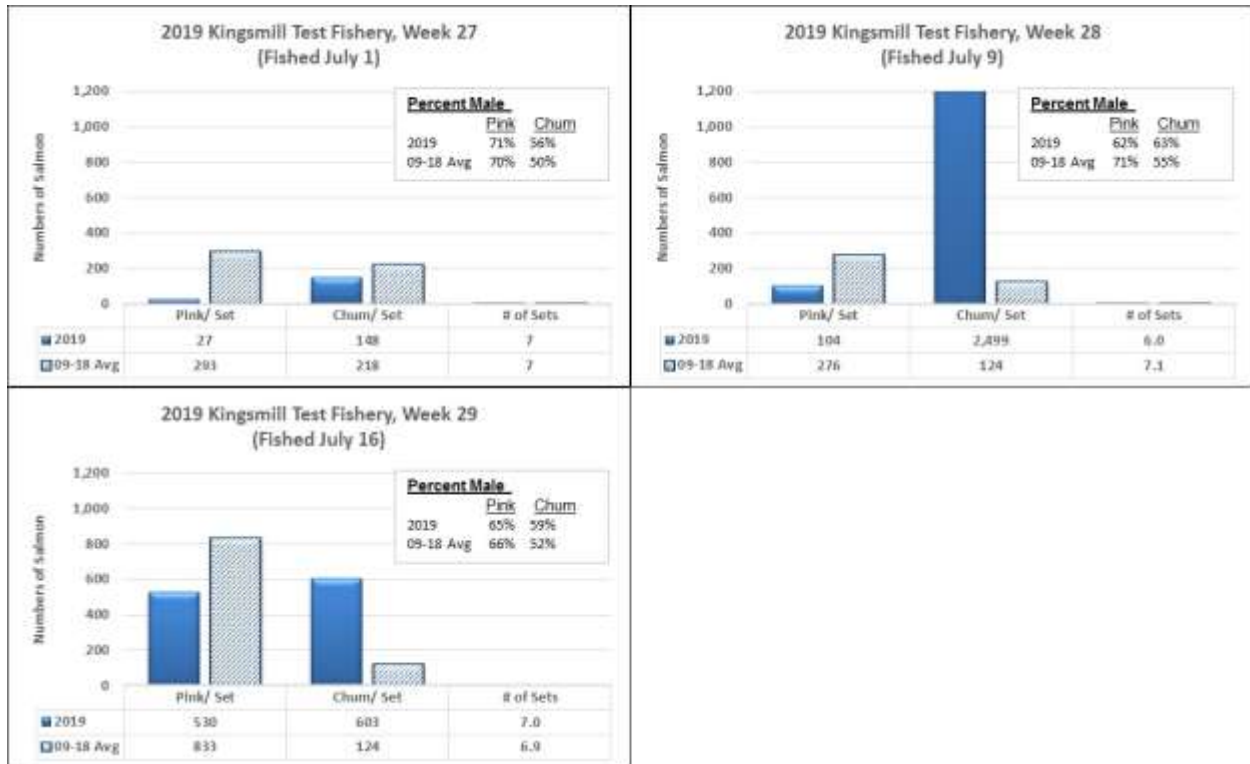
- Point Gardner: pink salmon: 4.0 pounds; chum salmon: 6.7 pounds.
- Kingsmill: pink salmon: 3.0 pounds; chum salmon: 7.3 pounds.

**Next Test Fisheries:** Point Gardner and Kingsmill test fisheries are scheduled for Monday, July 22.

**2019 Point Gardner Test Fishery Results**



### 2019 Kingsmill Test Fishery Results



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

Office	Ketchikan	Petersburg	Wrangell	Sitka	Juneau	Haines	Hoonah	Yakutat
ADF&G	225-5195	772-3801	874-3822	747-6688	465-4250	766-2830		784-3255
AWT	225-5111	772-3983	874-3215	747-3254	465-4000		945-3620	