

Districts 6 and 8 Drift Gillnet Fisheries 2017 Postseason Report

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Districts 106 and 108



Figure 1.

District 6 Season Summary



2017 District 6 Total Gillnet Harvest

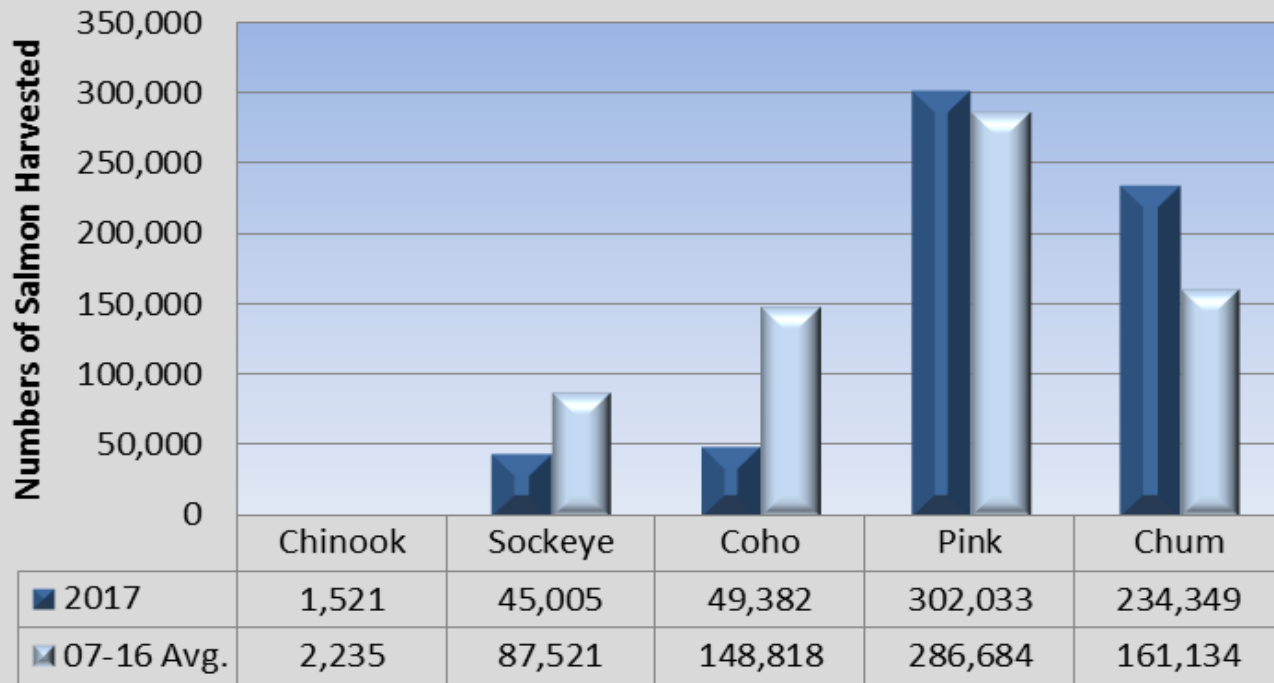


Figure 2.

- Chinook, sockeye, and coho salmon harvest below average
- Pink and chum salmon harvest above average

District 6 Preliminary Stock Composition

- Chinook
 - ~ 65% hatchery
- Sockeye
 - ~9,800 Stikine River fish or 22% of harvest
 - 9,100 fish from 106-41, 32% of harvest
 - 700 fish from 106-30, 4% of harvest
- Coho
 - ~ 19% hatchery
- Chum
 - ~ 85% of hatchery origin

2017 District 6 Weekly Fishing Time

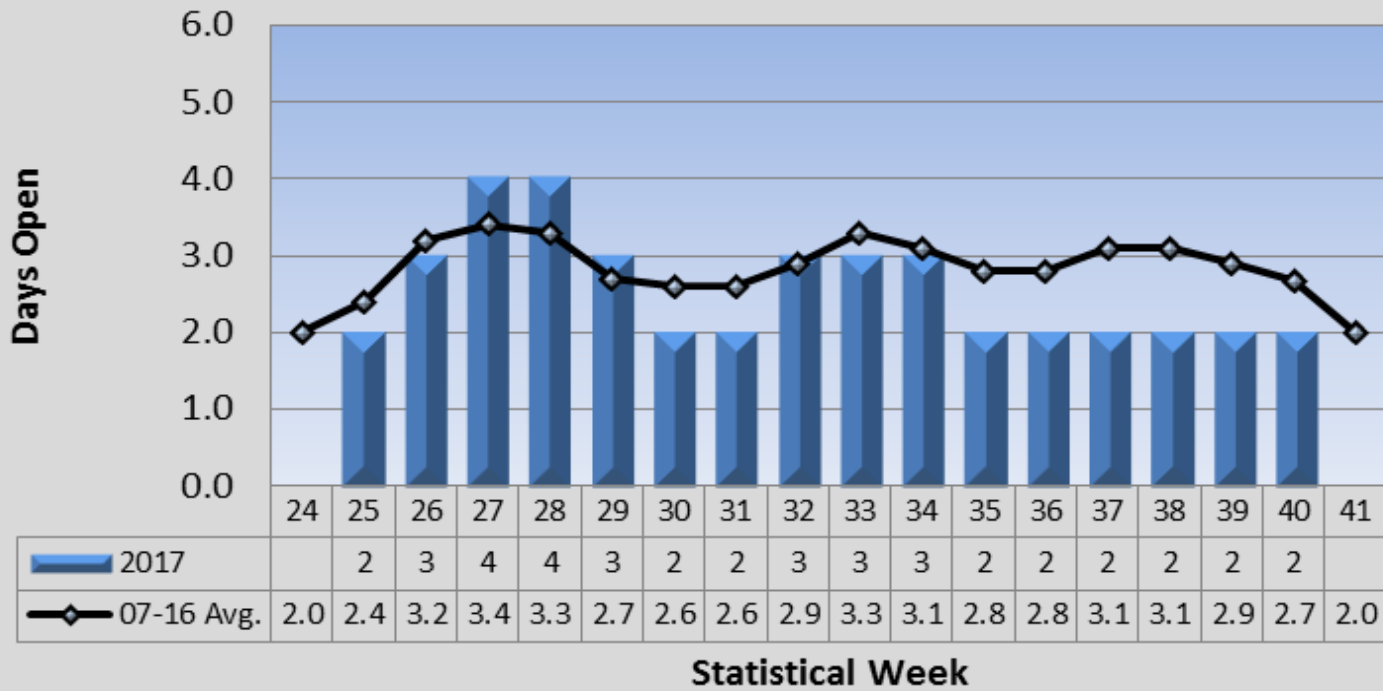


Figure 3.

- 41 total days (June 18 – October 3)
 - Below 07-16 average of 48.2 days

2017 District 6 Weekly Fishing Effort

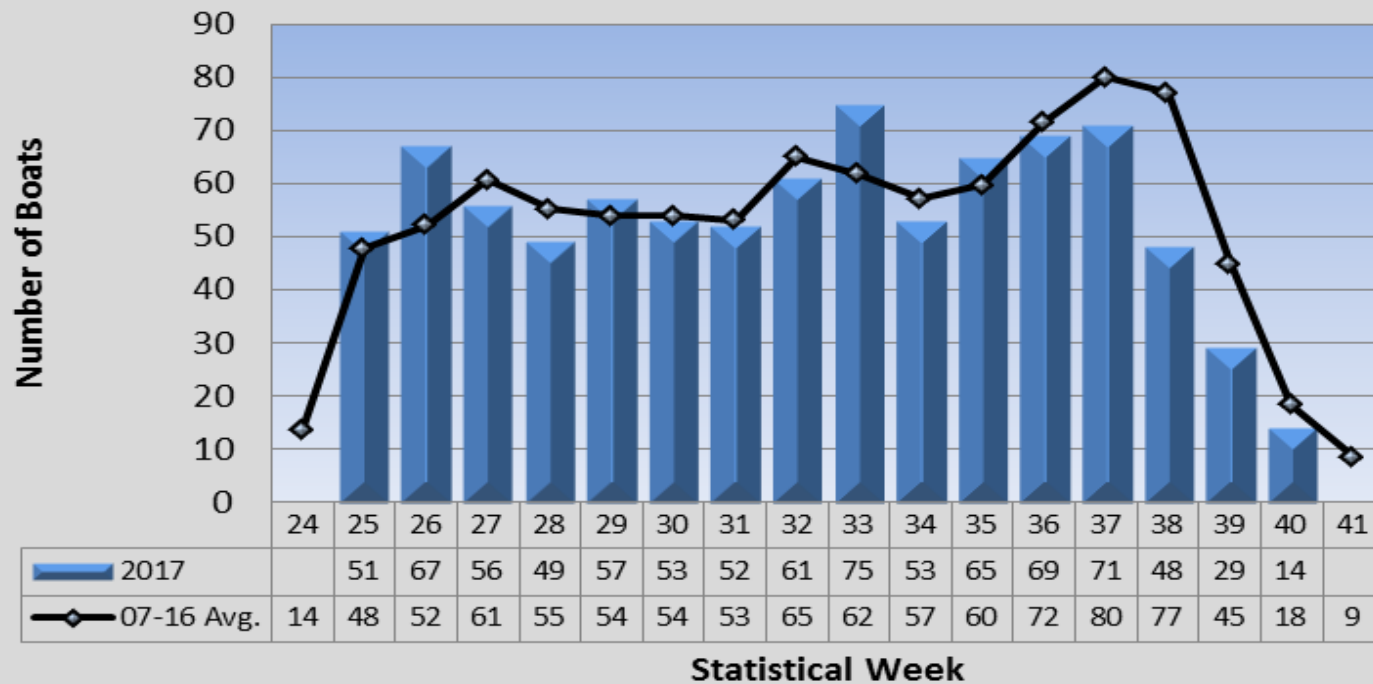


Figure 4.

- Weekly effort generally near average until SW37
- Greatest numbers of boats in SW33 with 75 boats

District 6 Effort in Boat-Days, 1990-2017

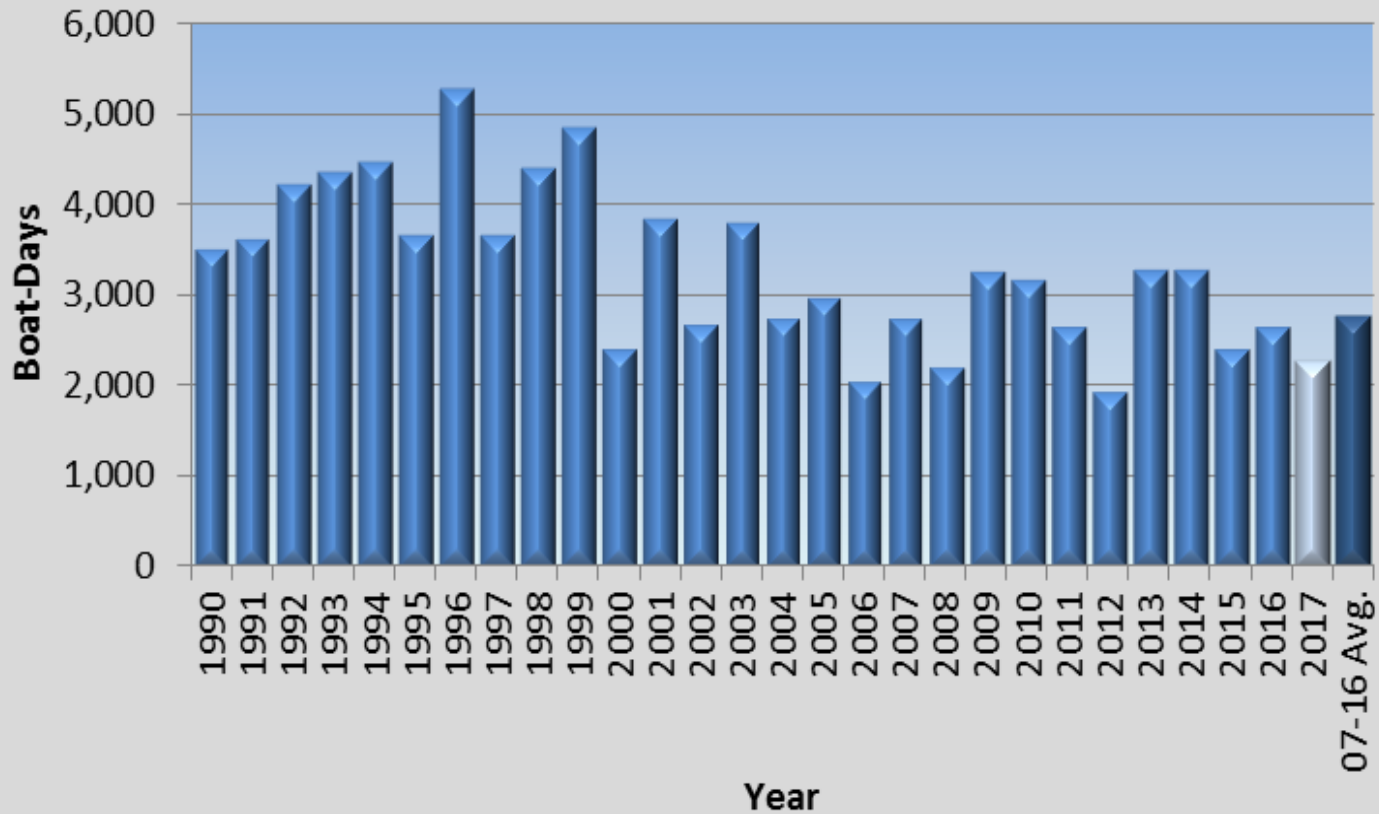


Figure 5.

- Total season effort was 2,263 boat-days, 82% of 07-16 average

District 8 Season Summary



2017 District 8 Total Gillnet Harvest

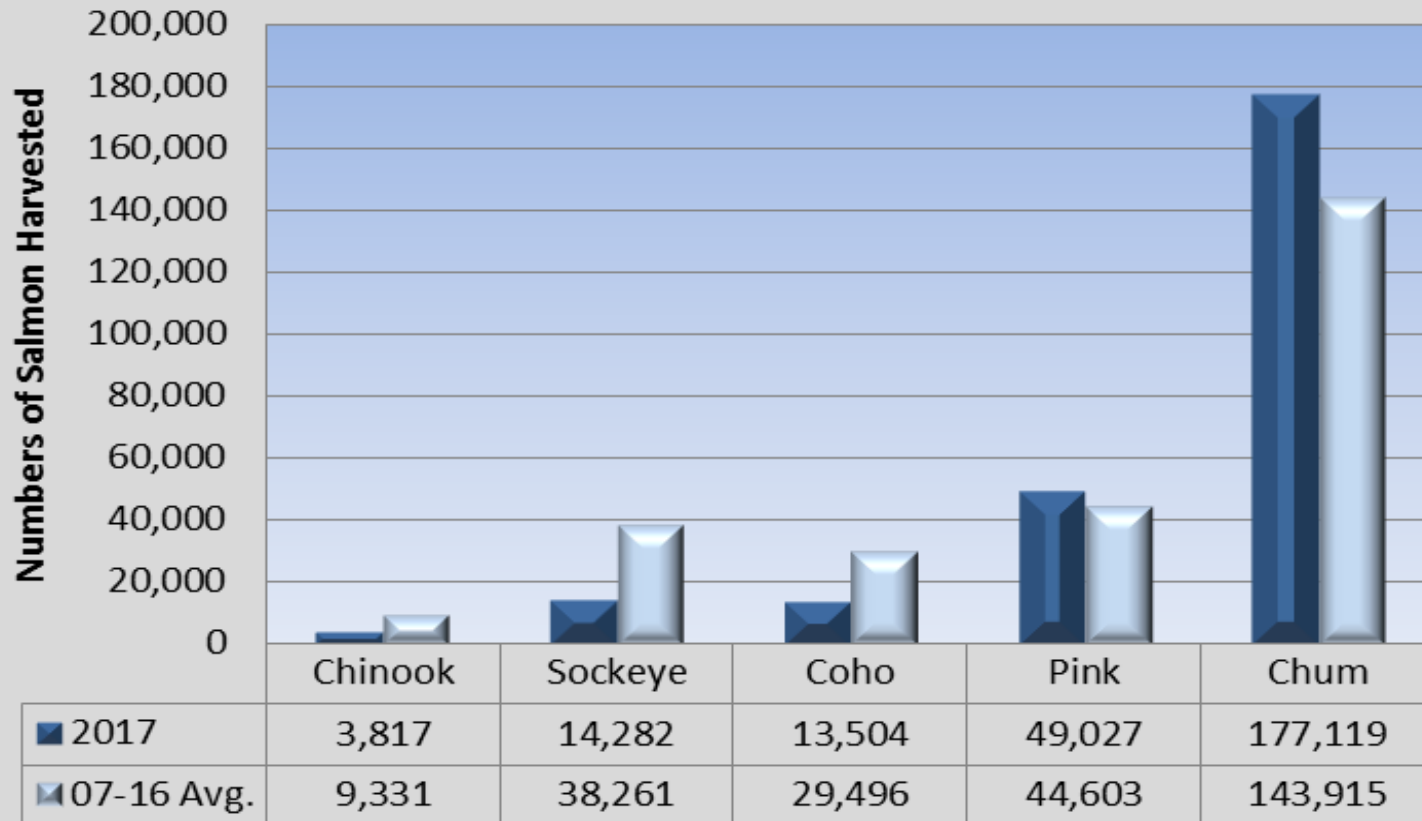


Figure 6.

- Chinook, sockeye, and coho salmon harvest below average
- Pink and chum salmon harvest above average

District 8 Preliminary Stock Composition

- Chinook
 - ~97% hatchery
- Sockeye
 - ~12,100 Stikine River fish or 85% of harvest
- Coho
 - ~10% hatchery
- Chum
 - ~53% hatchery

2017 District 8 Weekly Fishing Time

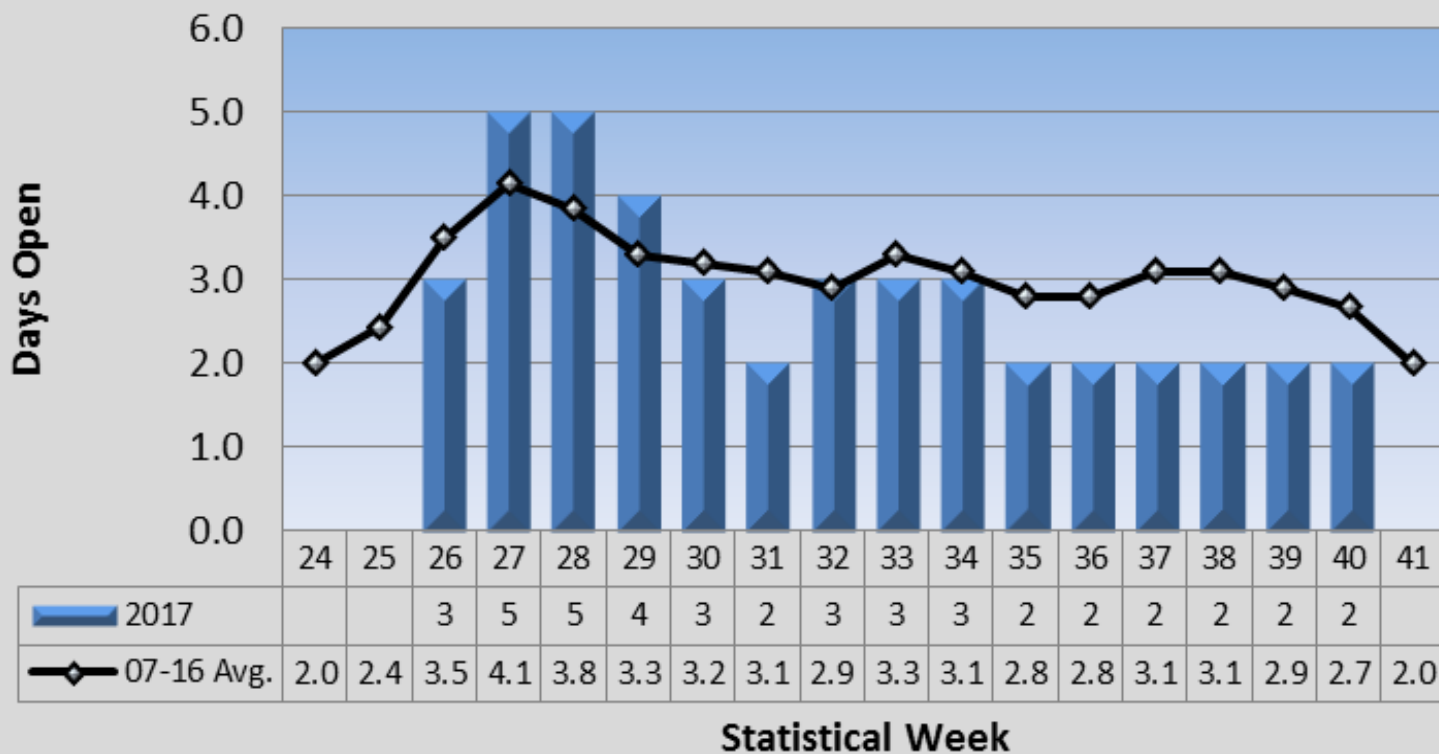


Figure 7.

- 43 total days (June 25 – October 3)
- Below 07-16 average of 50.6 days

2017 District 8 Weekly Fishing Effort

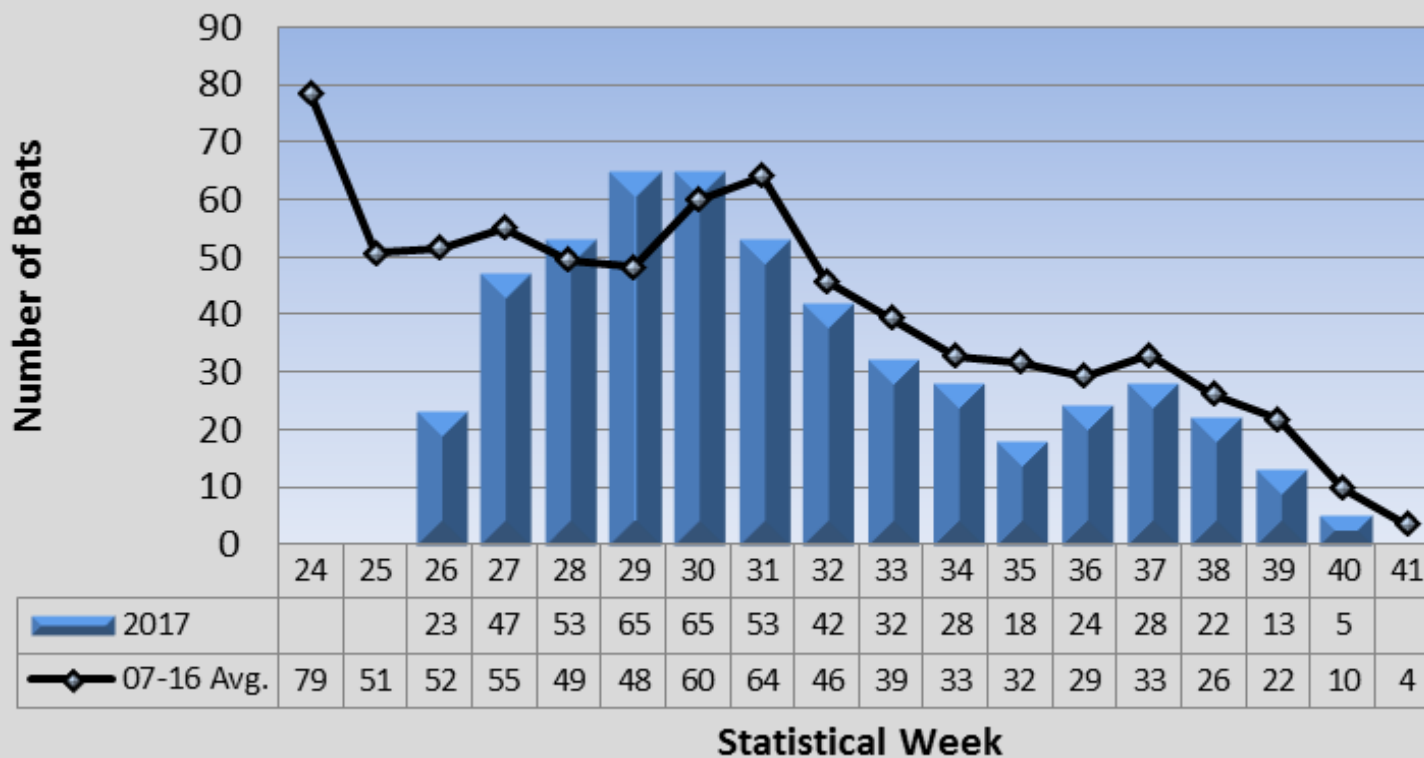


Figure 8.

- Weekly effort varied during sockeye management, then below average for the duration
- Greatest number of boats in SW's 29 & 30 (65 boats)

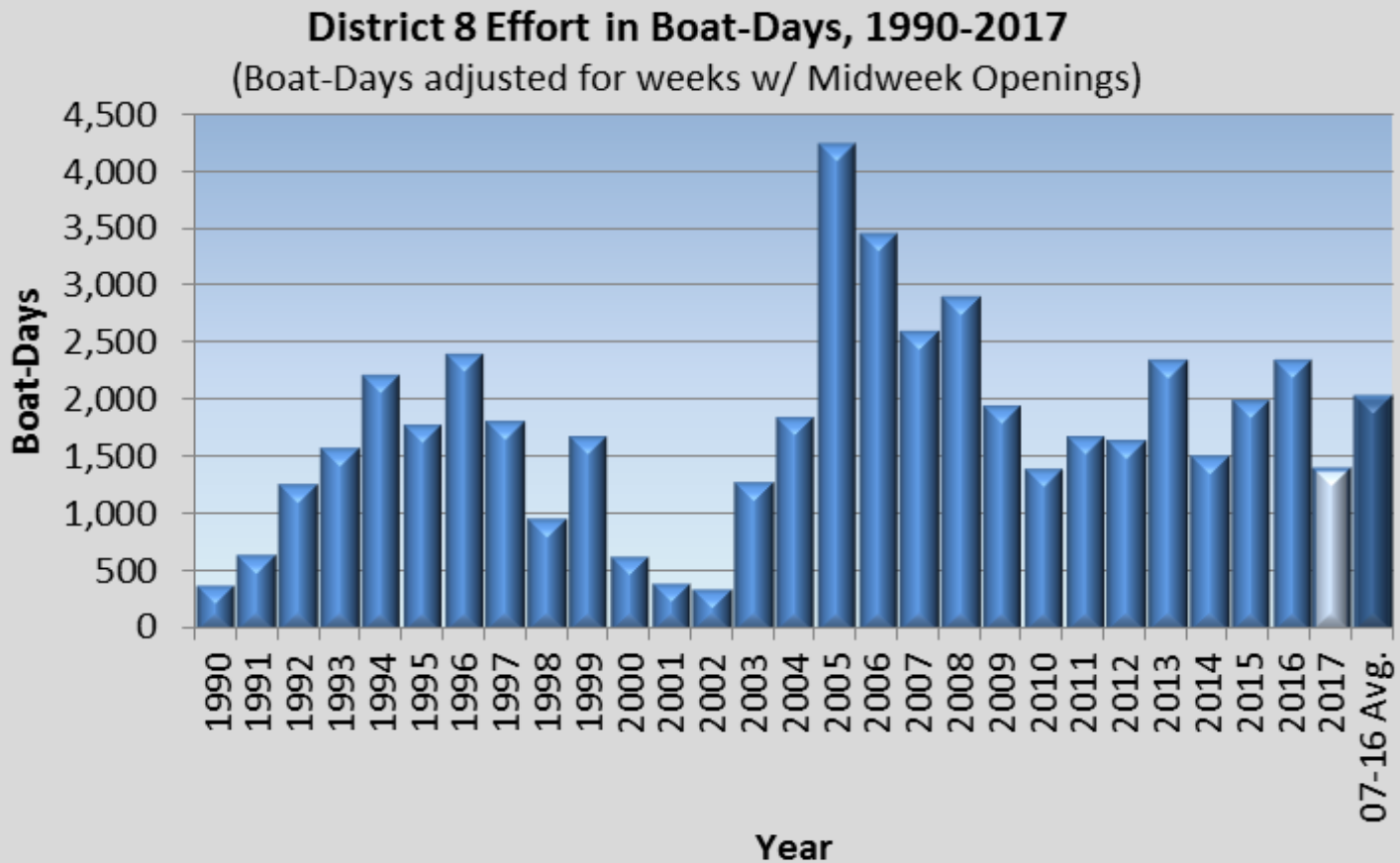


Figure 9.

- Total season effort was 1,384 boat-days, well below the 07-16 average of 2,028 boat-days

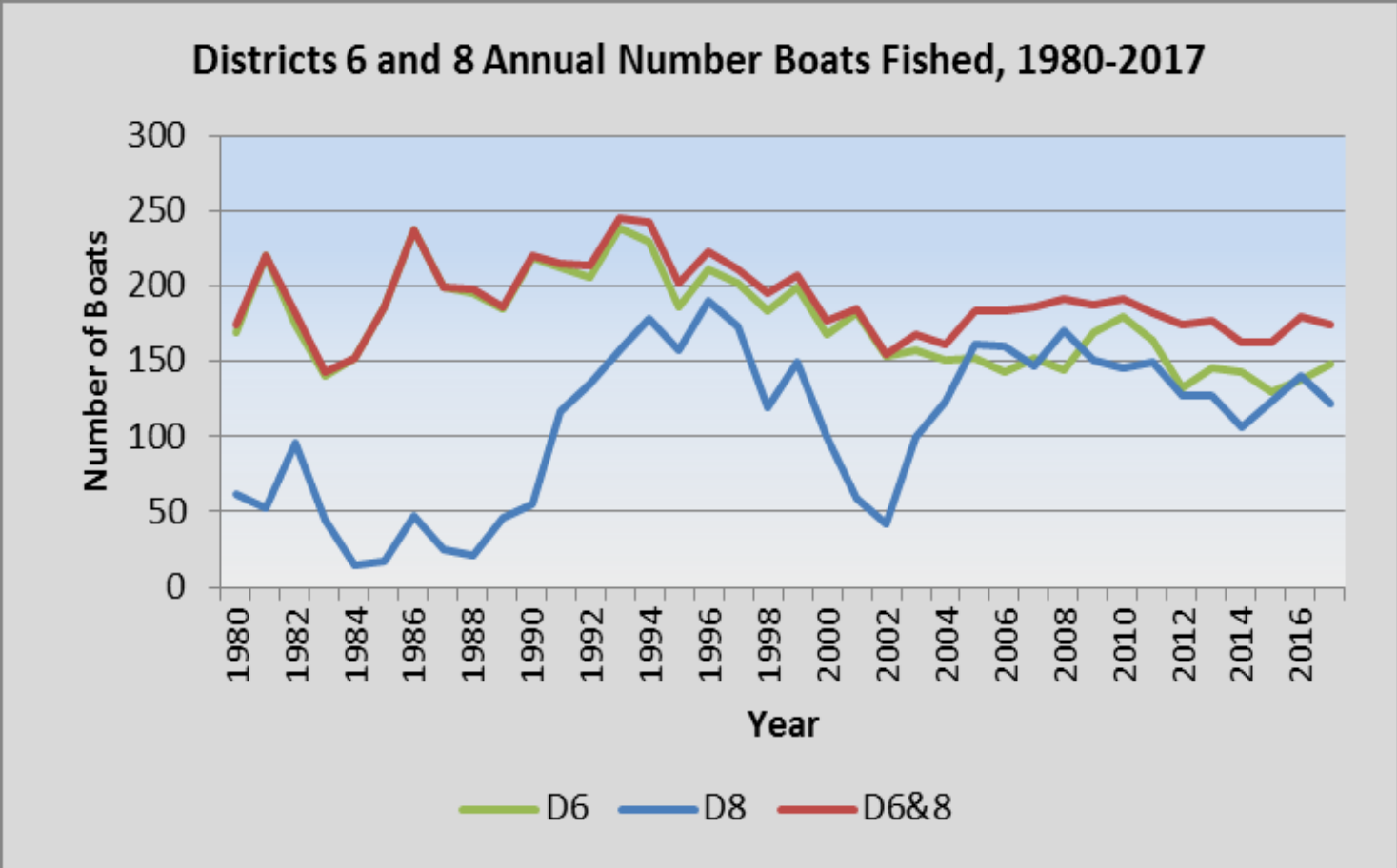


Figure 10.

- 175 total number of boats fishing in Districts 6&8
- Right at average of 180 boats

District 8 Chinook

- Preseason forecast of 18,300 large Stikine Chinook and inseason forecast ranging between 14,900 and less than 10,000
- Conservation measures implemented in all U.S. fisheries.
 - **Gillnet**
 - Maximum mesh size of 6 inches through SW 28
 - Delayed opening until SW 26
 - Restricted area through SW28
 - **Troll**
 - Spring troll restricted to one area near Anita Bay
 - Time restricted to 2 days per week in SWs 18 through 21
 - Closed SWs 22 through 26 and 28 through 29
 - **Sport**
 - Bag and possession limit was restricted to 1 fish for residents and nonresidents effective May 1 until July 15
 - The Stikine River Flats (Jap Creek, Banana Pt, Greys Pass, Babbler) were closed effective May 25 until July 15.
 - **Subsistence**
 - Did not open until June 21
- Postseason Stikine Chinook salmon run size estimate: less than 10,000 fish
 - U.S. estimated harvest of 193 large Stikine River Chinook salmon

2017 District 8 Gillnet Weekly Chinook Harvest

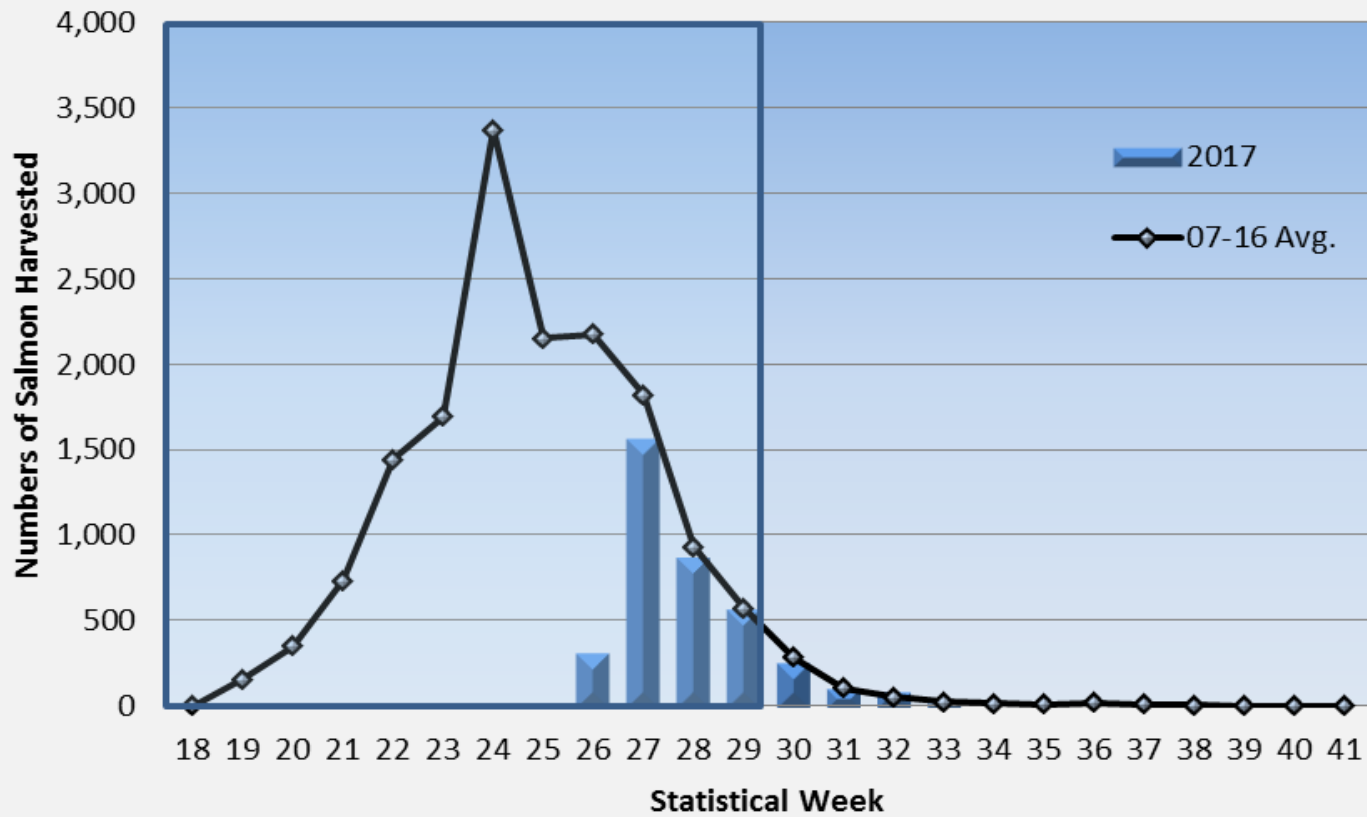


Figure 11.

District 8 SWs 18-29 Annual Harvest of Large Chinook Salmon, 2005-2017

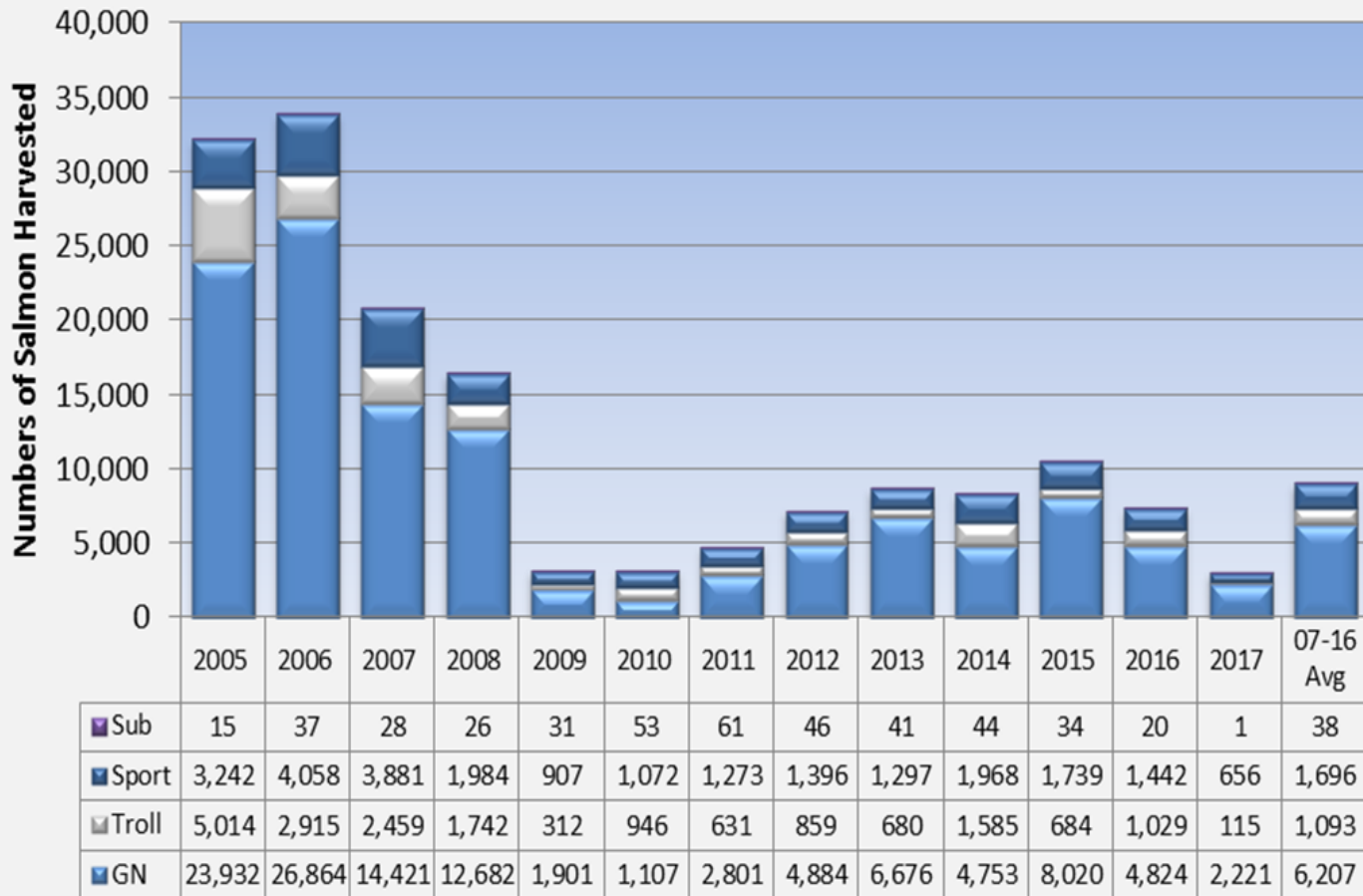


Figure 12.

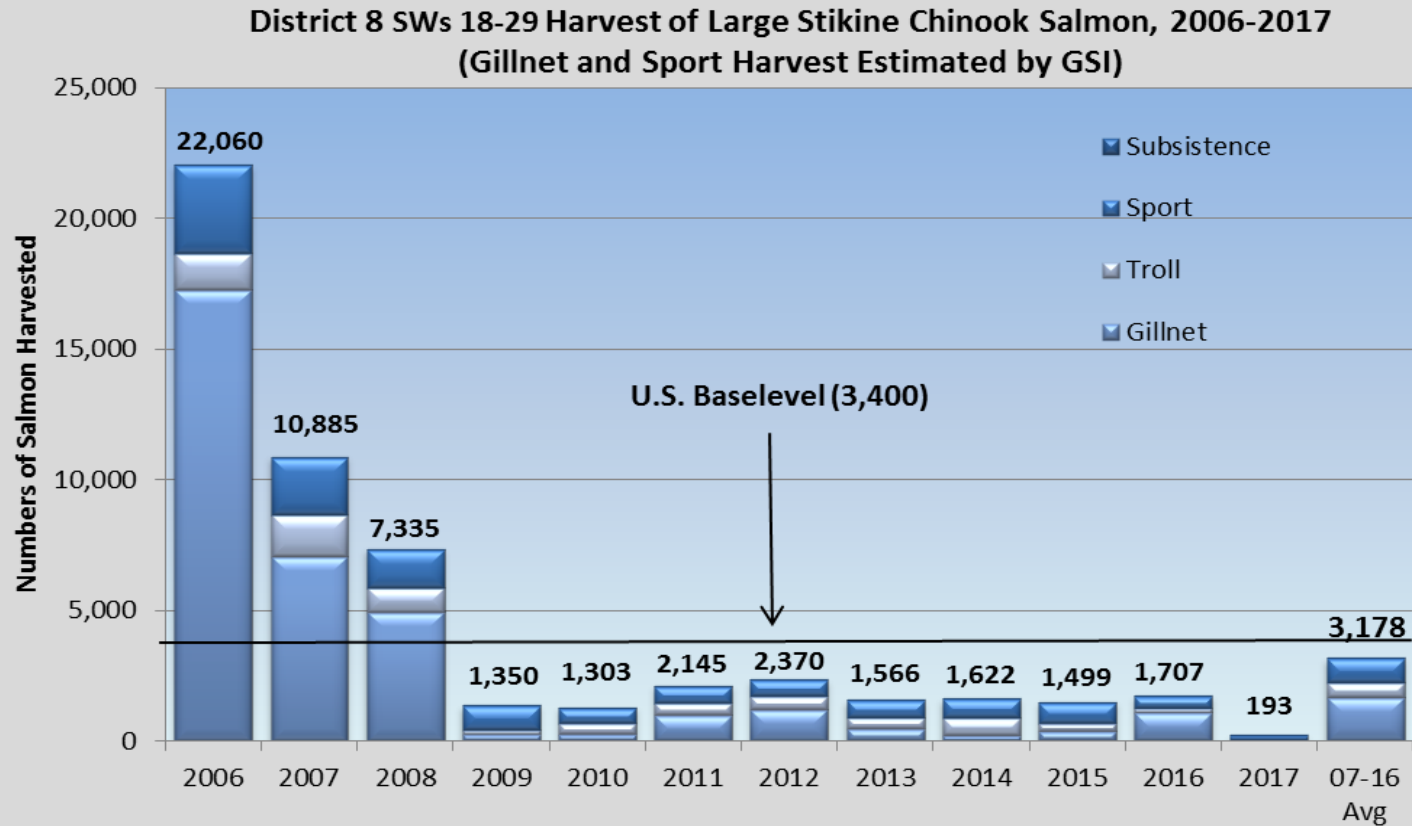


Figure 13.

- U.S. catch of 193 large Stikine Chinook includes: 139 sport, 18 gillnet, 35 troll, and 1 subsistence

2006-2017 Canadian Total Harvest of Large Stikine Chinook Salmon

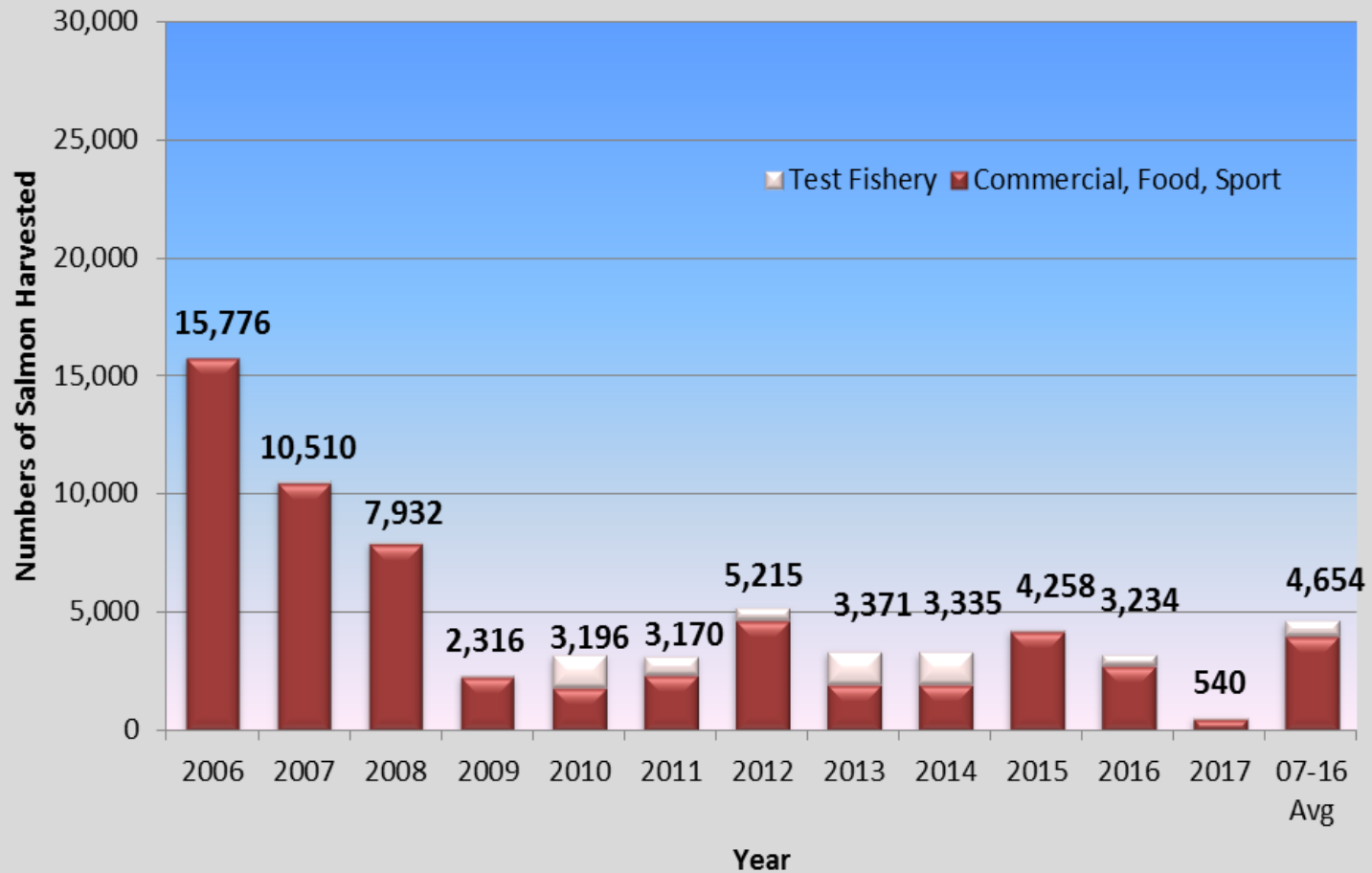


Figure 14.

Stikine River Chinook Salmon Harvest and Escapement, 2006-2017

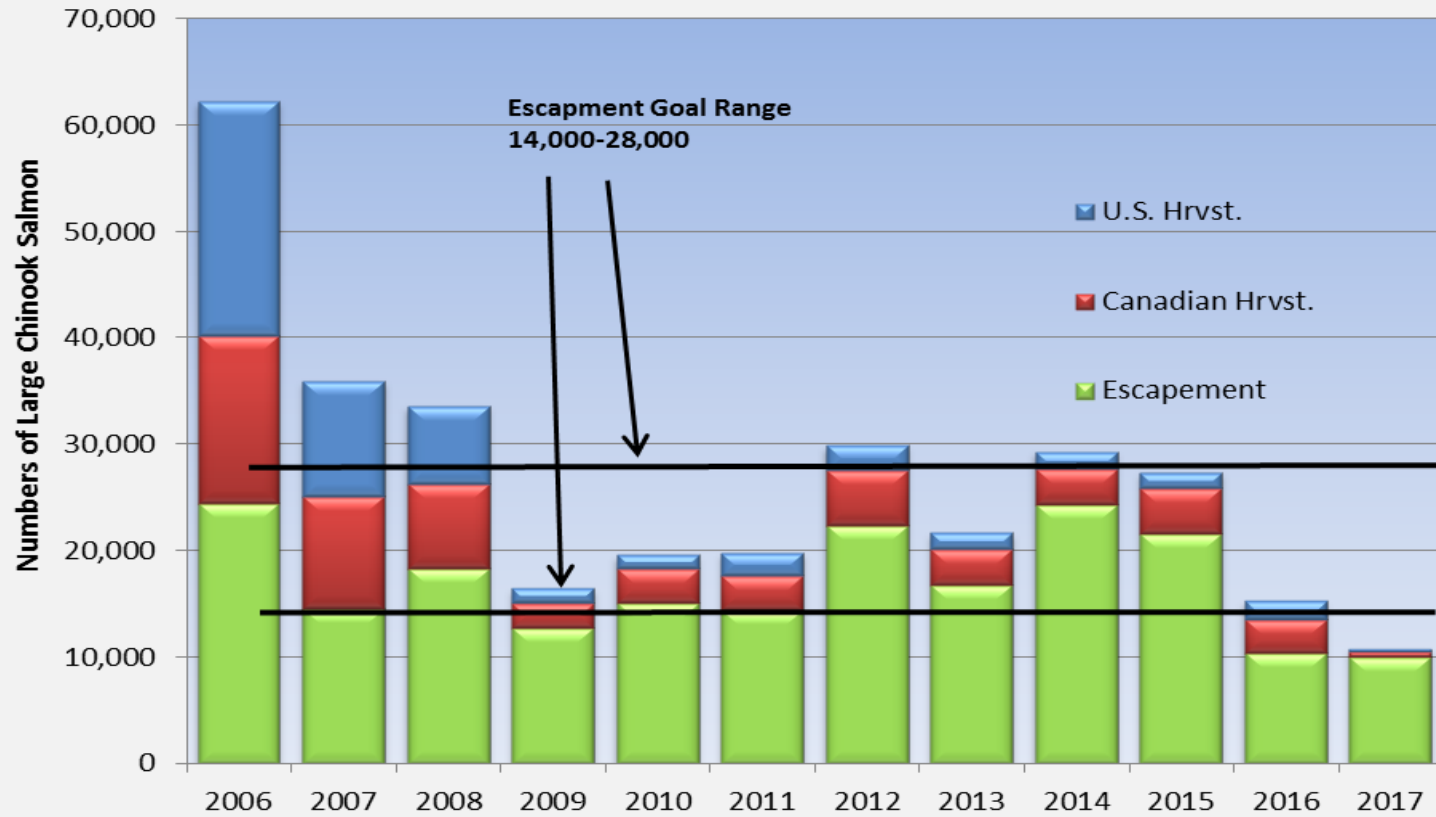


Figure 15.

Sockeye Management Summary



Sockeye Management

- Weeks 25 through 31 (June 18– August 5)
- Chinook salmon conservation
 - In addition to District 8 restrictions District 6 was restricted to 2 days in SW 25 and had a 6 inch maximum mesh restriction in affect through SW 26.
- Generally poor sockeye salmon runs

Figure 16a.

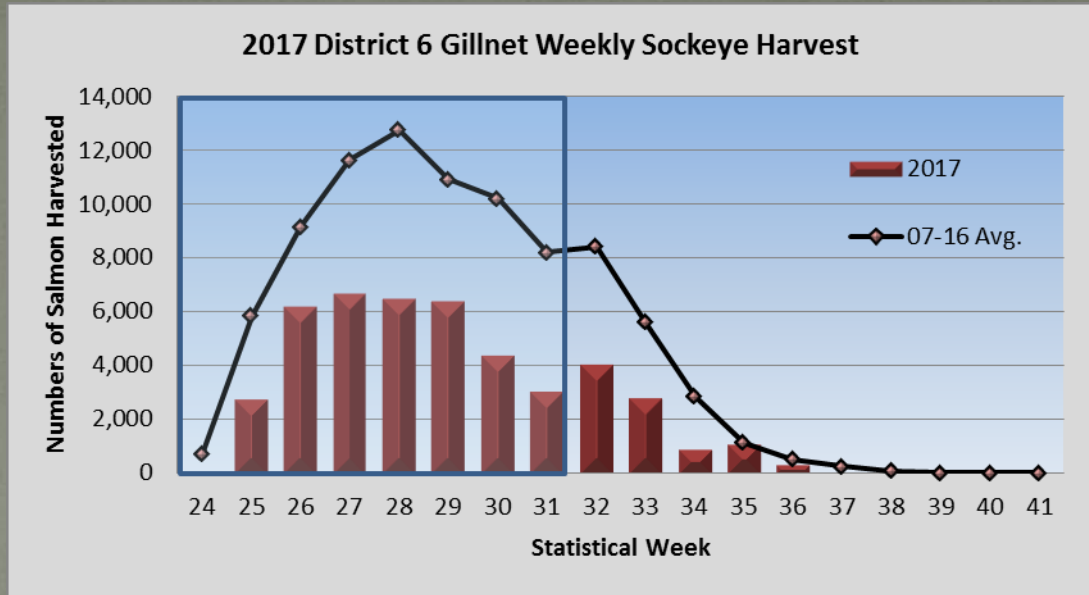
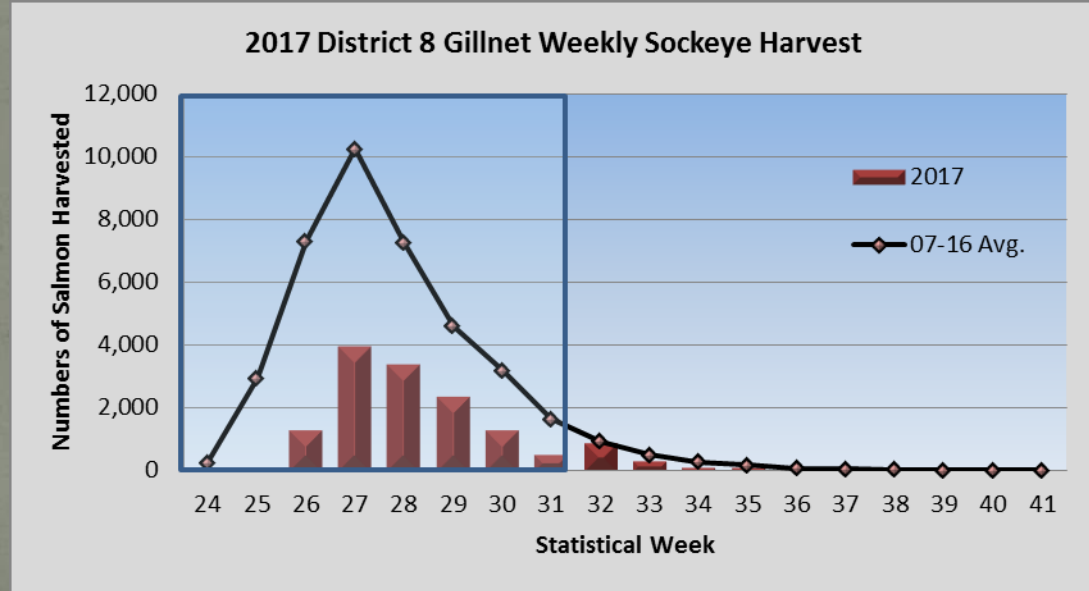


Figure 16b.



2017 Total Sockeye Preseason, Inseason, and Final Allowable Catch and U.S. Canadian Weekly Cumulative Harvest

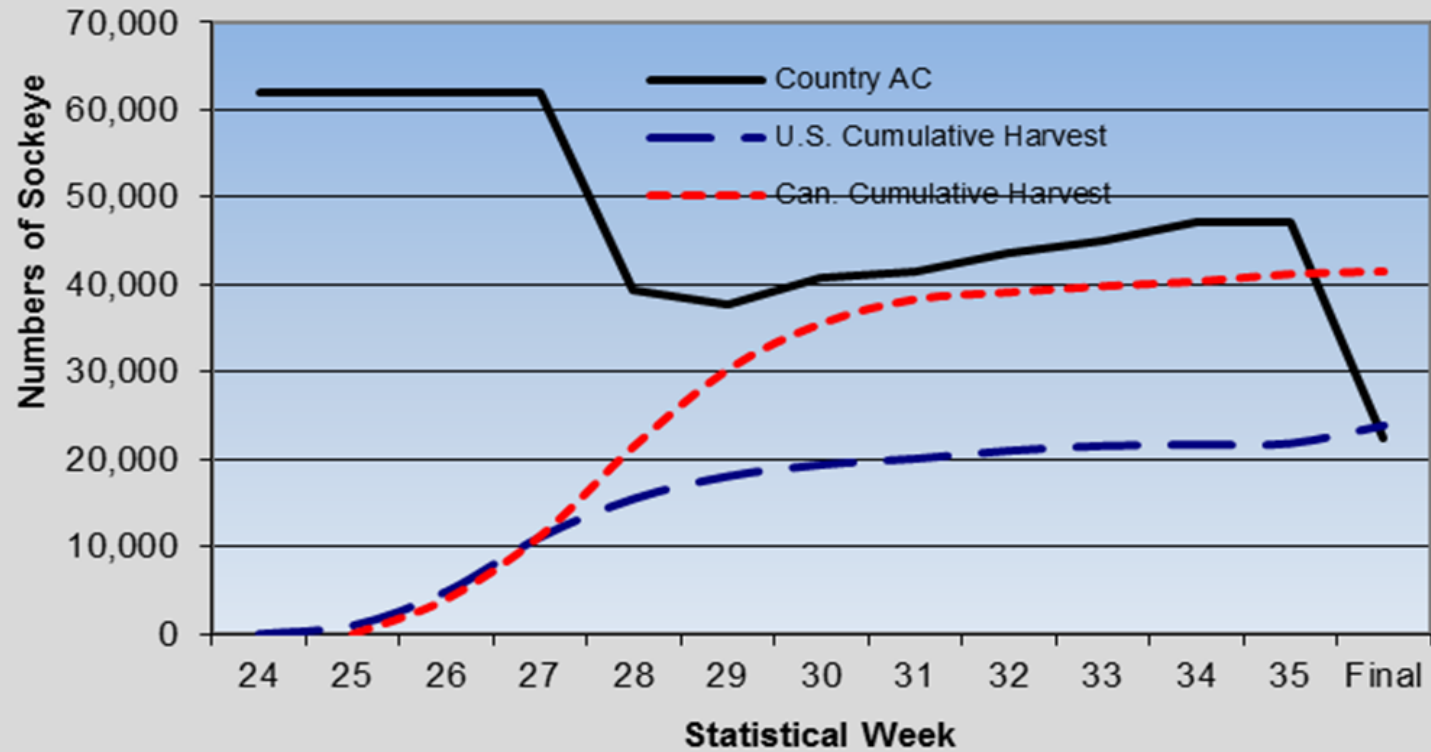


Figure 17.

Stikine River Sockeye Salmon Harvest and Escapement, 1995-2017

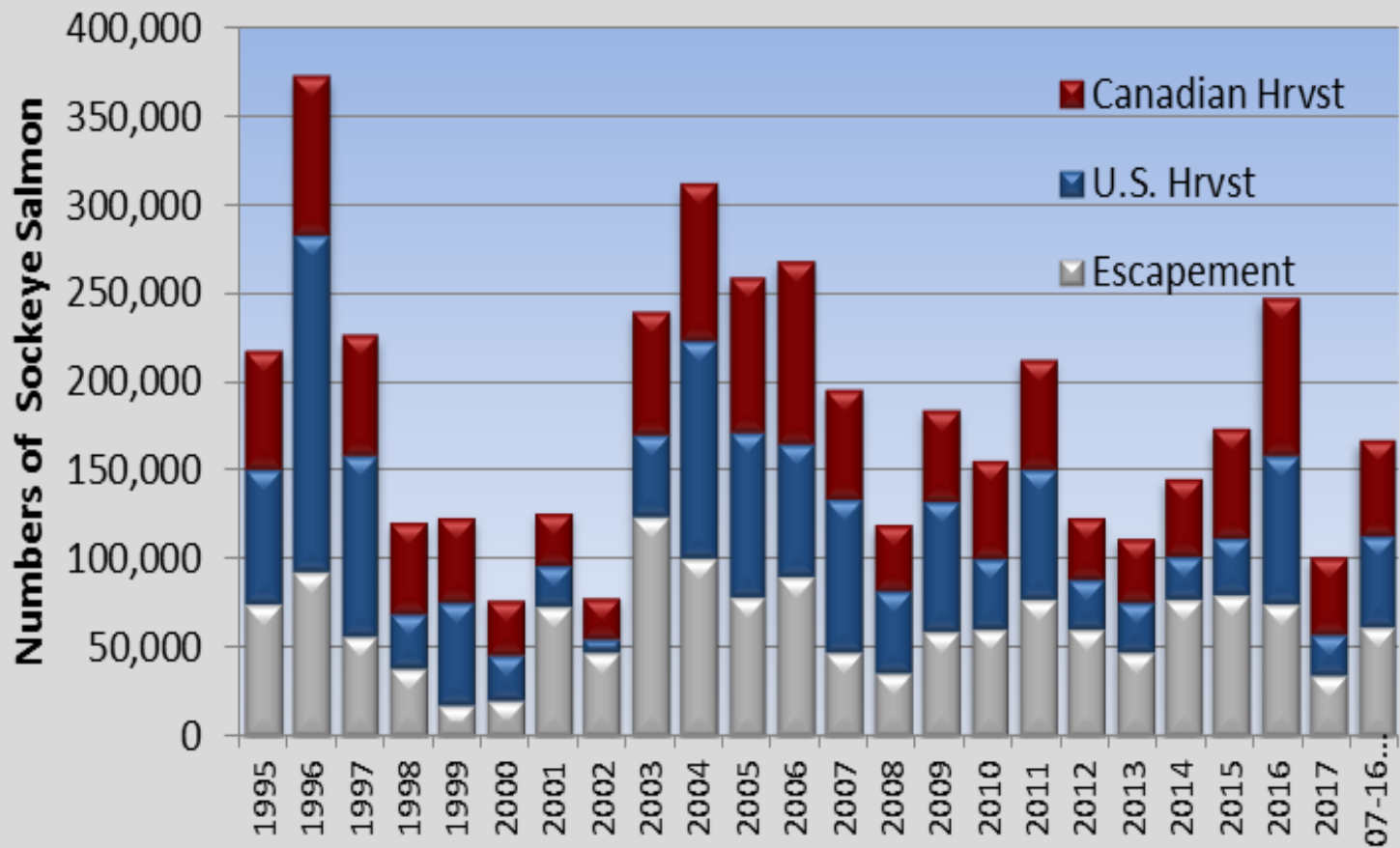


Figure 18.

Sockeye Escapement

- Stikine
 - Tahltan escapement: 19,200 (within 18,000-30,000 range)
 - Mainstem--~14,300 (below 20,000-40,000 goal range)
- Island Stocks
 - Highly variable
- McDonald Lake
 - 24,000 escapement (below 55,000-120,000 goal range)

Pink Salmon Management



Pink Salmon Management

- Weeks 32 through 35 (August 6– September 2)
- Effort below average in both districts
- Above average pink salmon harvest in both districts
- Variable pink salmon harvest rates during pink salmon management period
- Strongest in weeks 32 and 33
- Stock group escapements within target ranges for District 6 and above in District 8

Figure 19a.

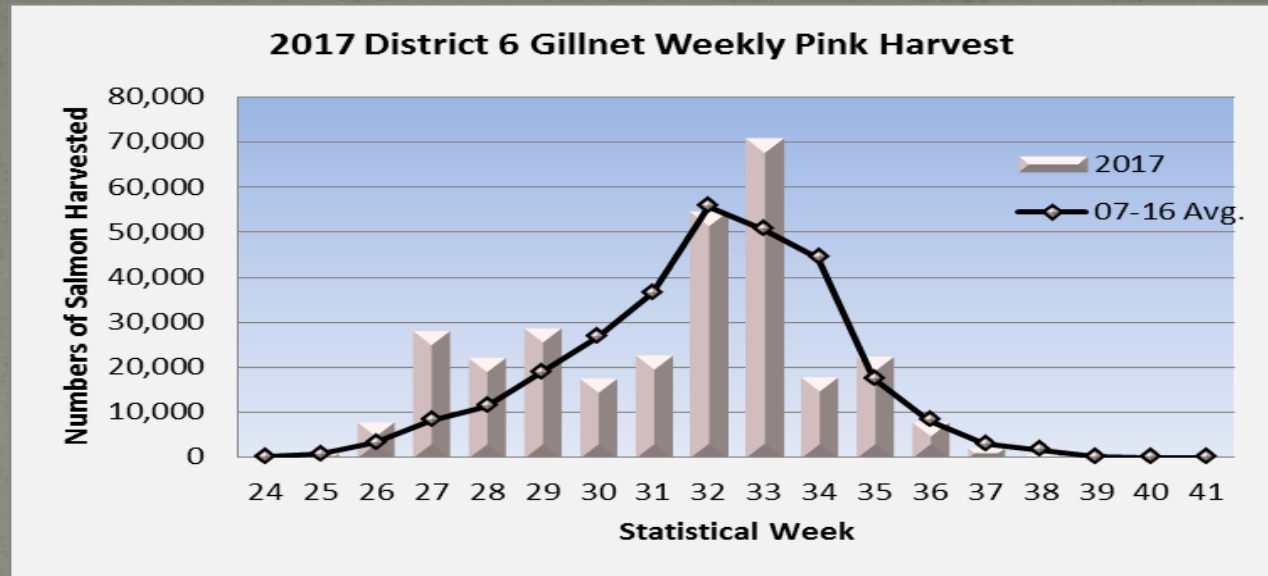
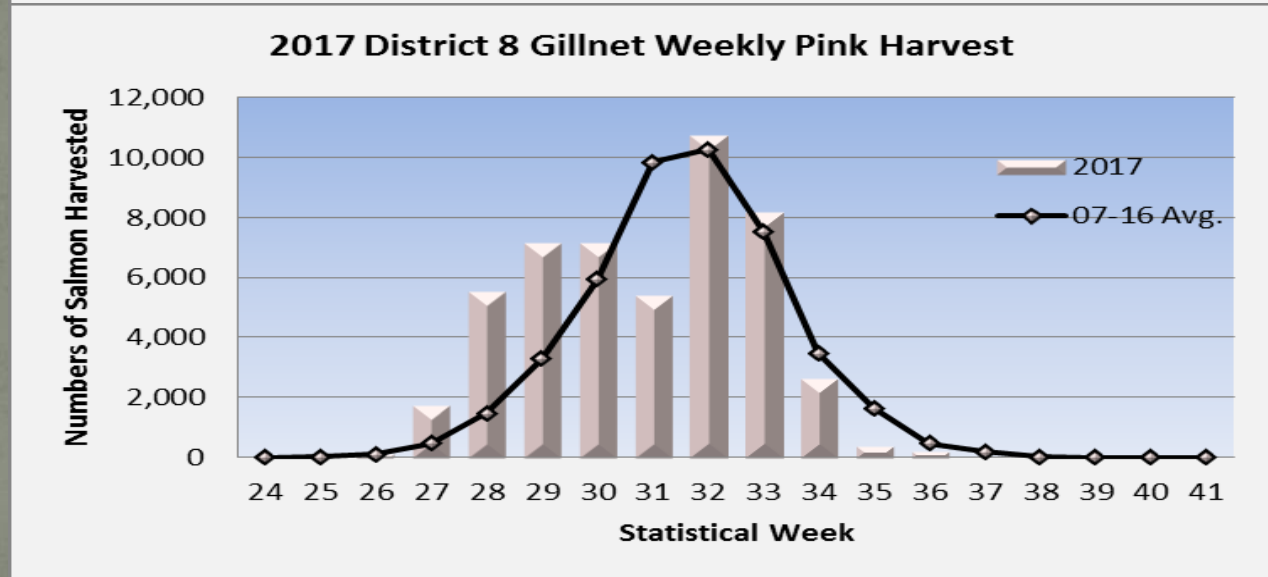


Figure 19b.



Coho Salmon Management



Coho Salmon Management

- Weeks 36 through 40 (September 3– October 3)
- Below average effort
- Well below average coho salmon harvest
- Above average wild CPUE in both districts

Figure 20a.

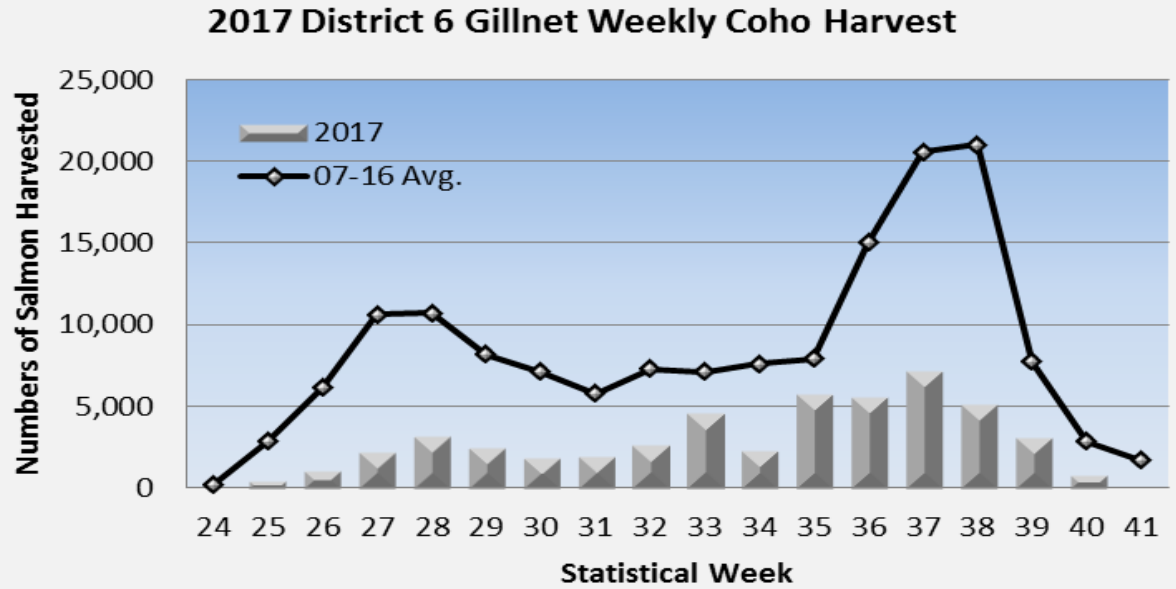


Figure 20b.

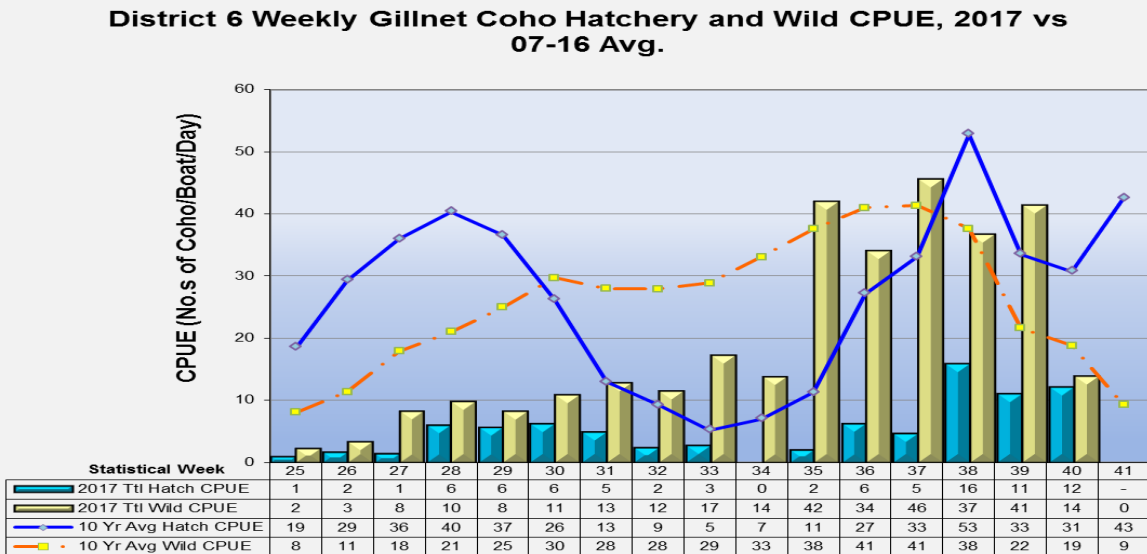


Figure 21a.

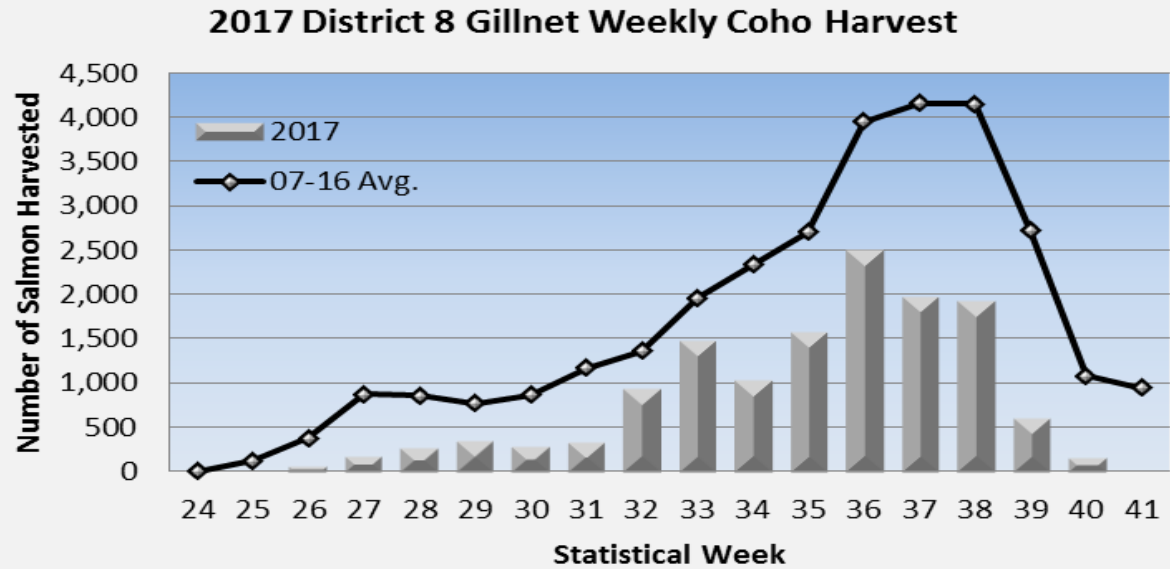
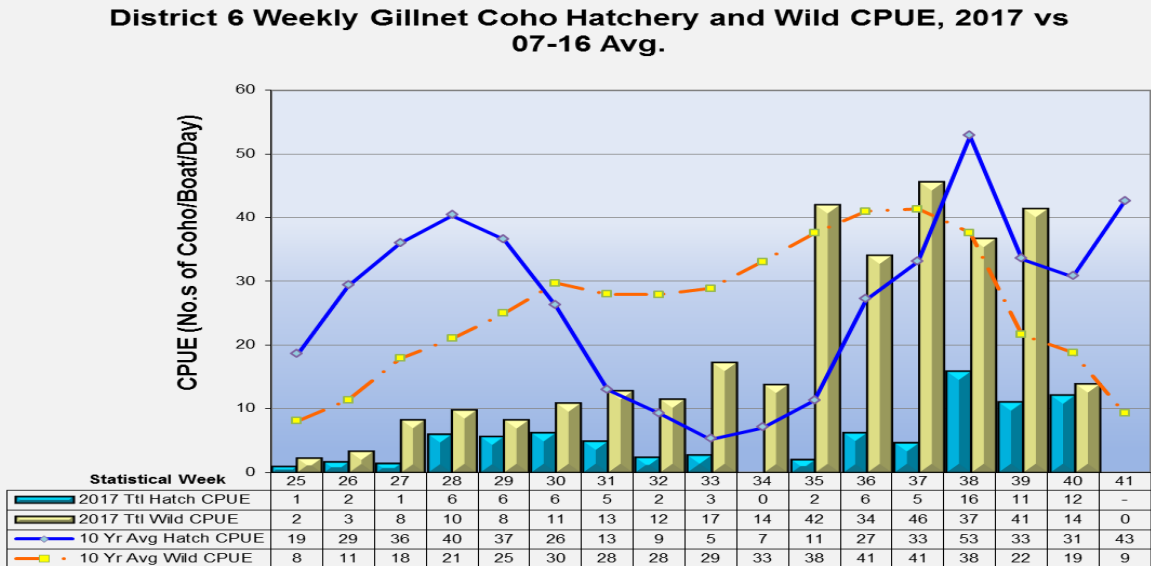


Figure 21b.



2018 Expectations

- **Stikine Chinook:** Preseason forecast is expected be poor
 - Similar conservation measures to 2017
- **Sockeye:??**
 - **Stikine Sockeye: ??**
 - Preliminary forecast produced February/March.
 - **Island Stocks:** Parent year escapement average to good
 - **McDonald Lake**
 - Parent year escapement low

Any Questions?

