

**Districts 6 and 8 Drift
Gillnet Fisheries
2018 Postseason
Report**

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ADFG
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Districts 106 and 108



Figure 1.

District 6 Season Summary



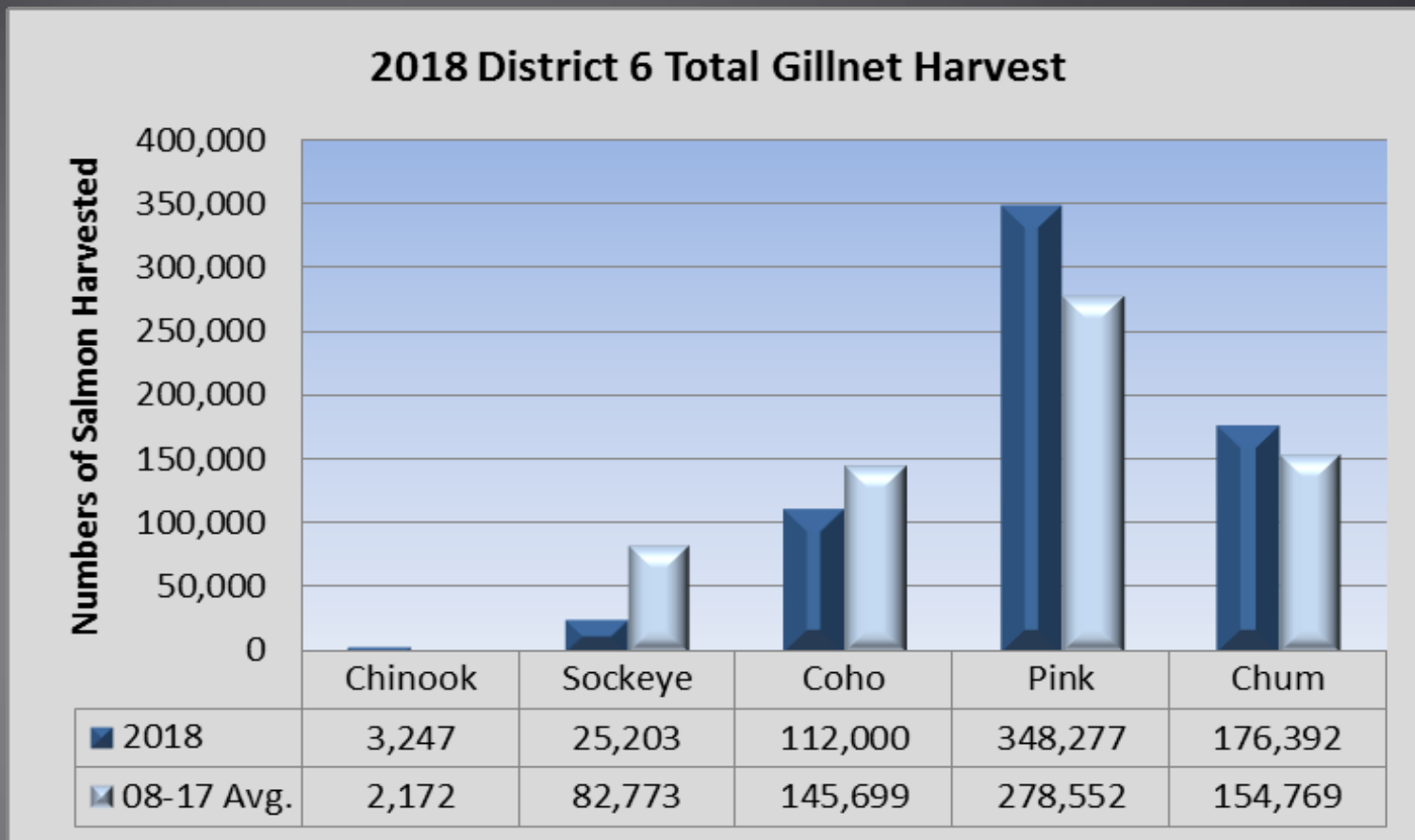


Figure 2.

- Sockeye and coho salmon harvest below average
- Chinook, pink, and chum salmon harvest above average

District 6 Preliminary Stock Composition

- Chinook Salmon
 - Estimated 59% hatchery
- Sockeye Salmon
 - Estimated 3,000 Stikine River fish or 12% of harvest
 - 2,400 fish from 106-41, 17% of harvest
 - 600 fish from 106-30, 5% of harvest
- Coho Salmon
 - Estimated 31% hatchery
- Chum Salmon
 - Estimated 77% of hatchery origin

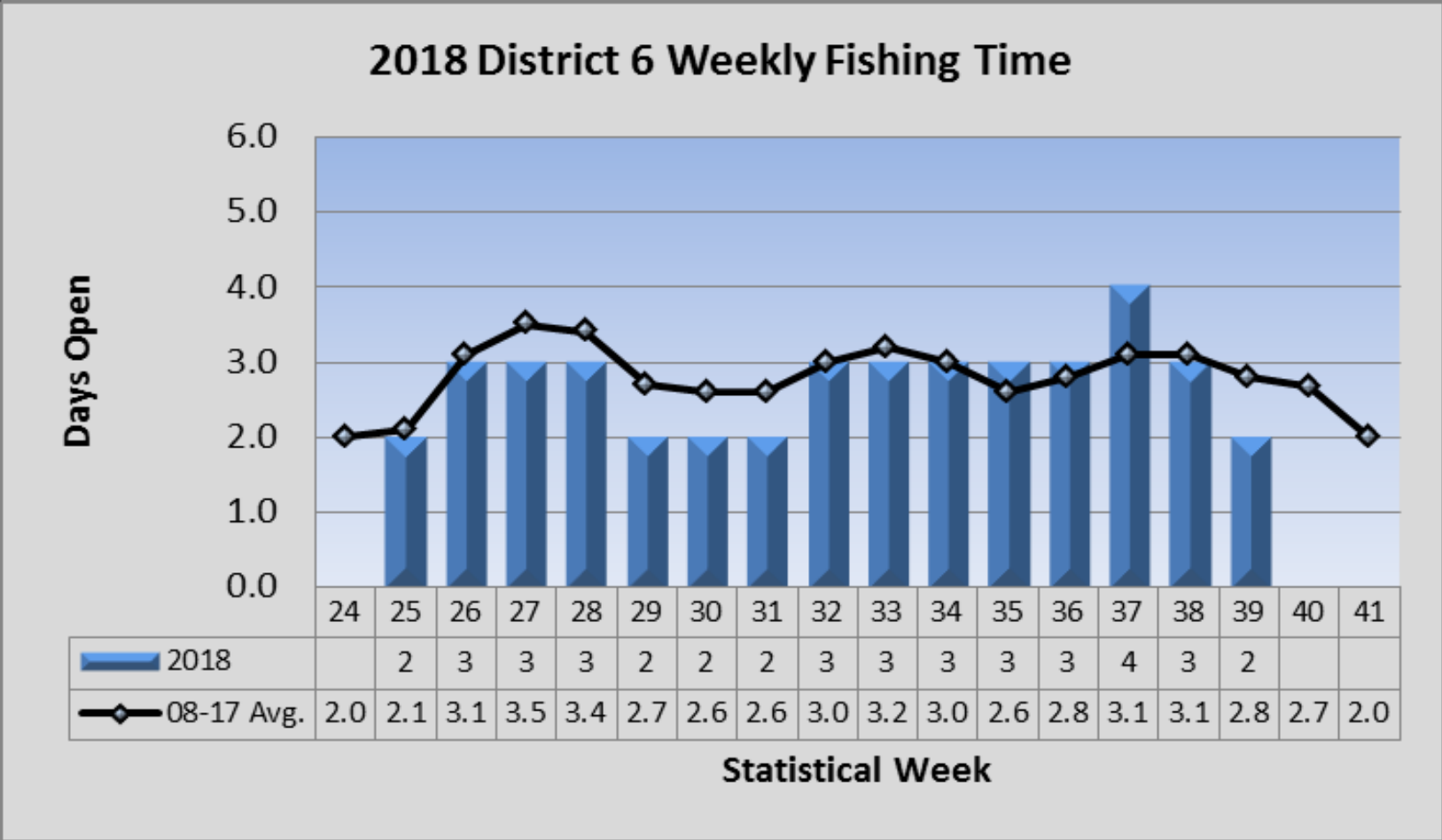


Figure 3.

- 41 total days (June 17–September 25)
- Below 08–17 average of 47.4 days

2018 District 6 Weekly Fishing Effort

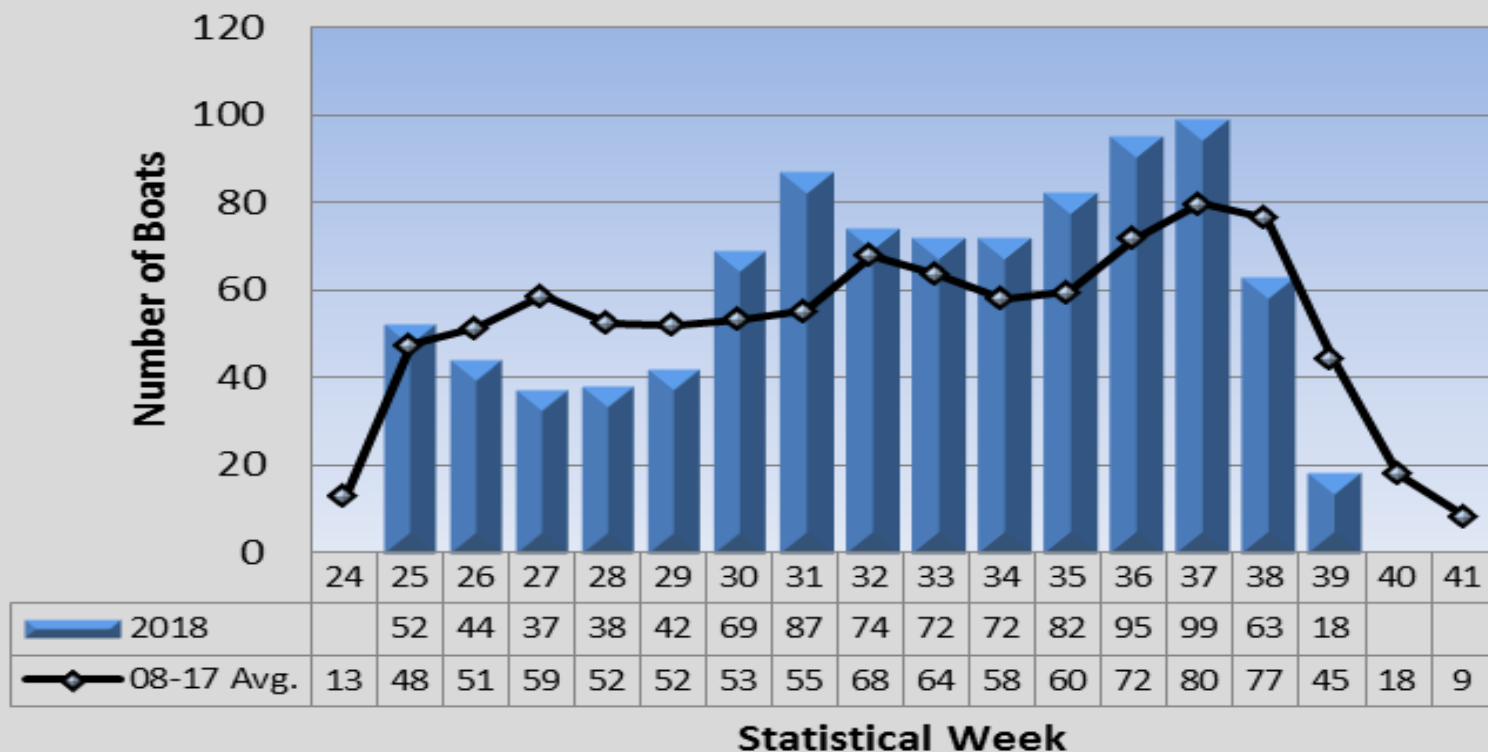


Figure 4.

- Weekly effort generally near or above average for most weeks
- Greatest numbers of boats in SW37 with 99 boats

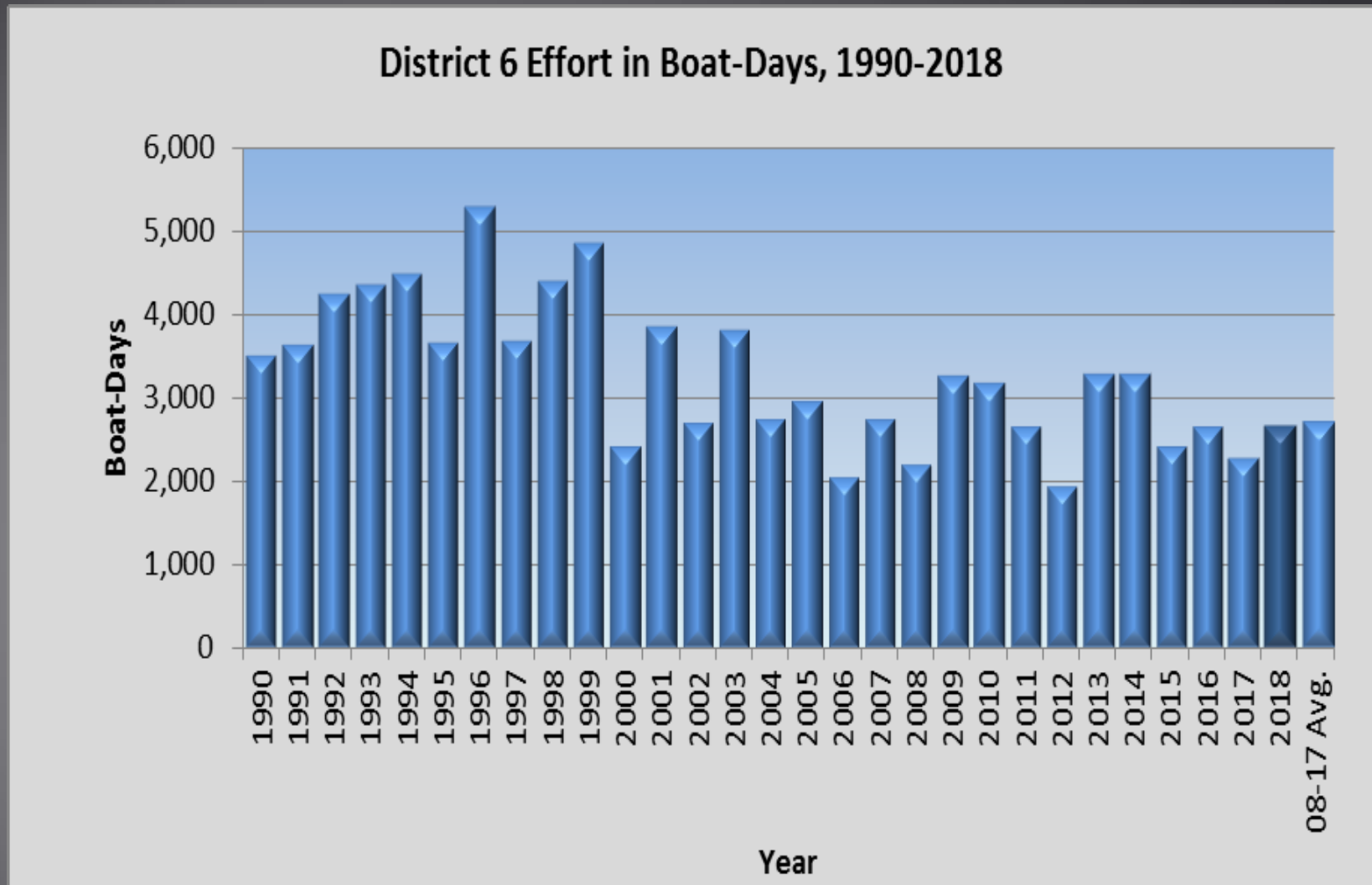


Figure 5.

- Total season effort was 2,663 boat-days, 98% of 08–17 average

District 8 Season Summary



2018 District 8 Total Gillnet Harvest

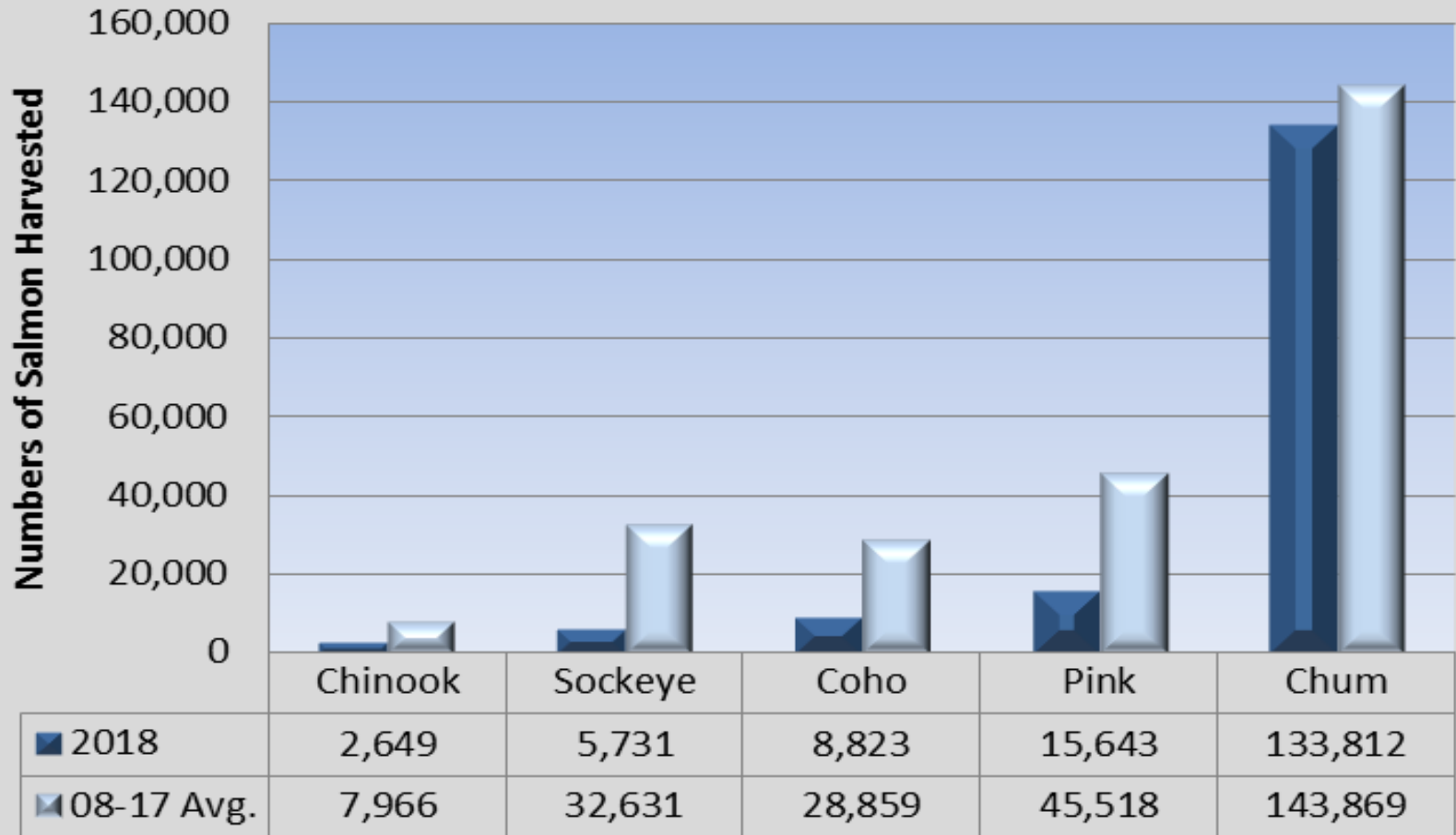


Figure 6.

- Harvest for all species below average

District 8 Preliminary Stock Composition

- Chinook Salmon
 - Estimated 75% hatchery
- Sockeye Salmon
 - Estimated 4,200 Stikine River fish or 73% of harvest
- Coho Salmon
 - Estimated 33% hatchery
- Chum Salmon
 - Estimated 94% hatchery

2018 District 8 Weekly Fishing Time

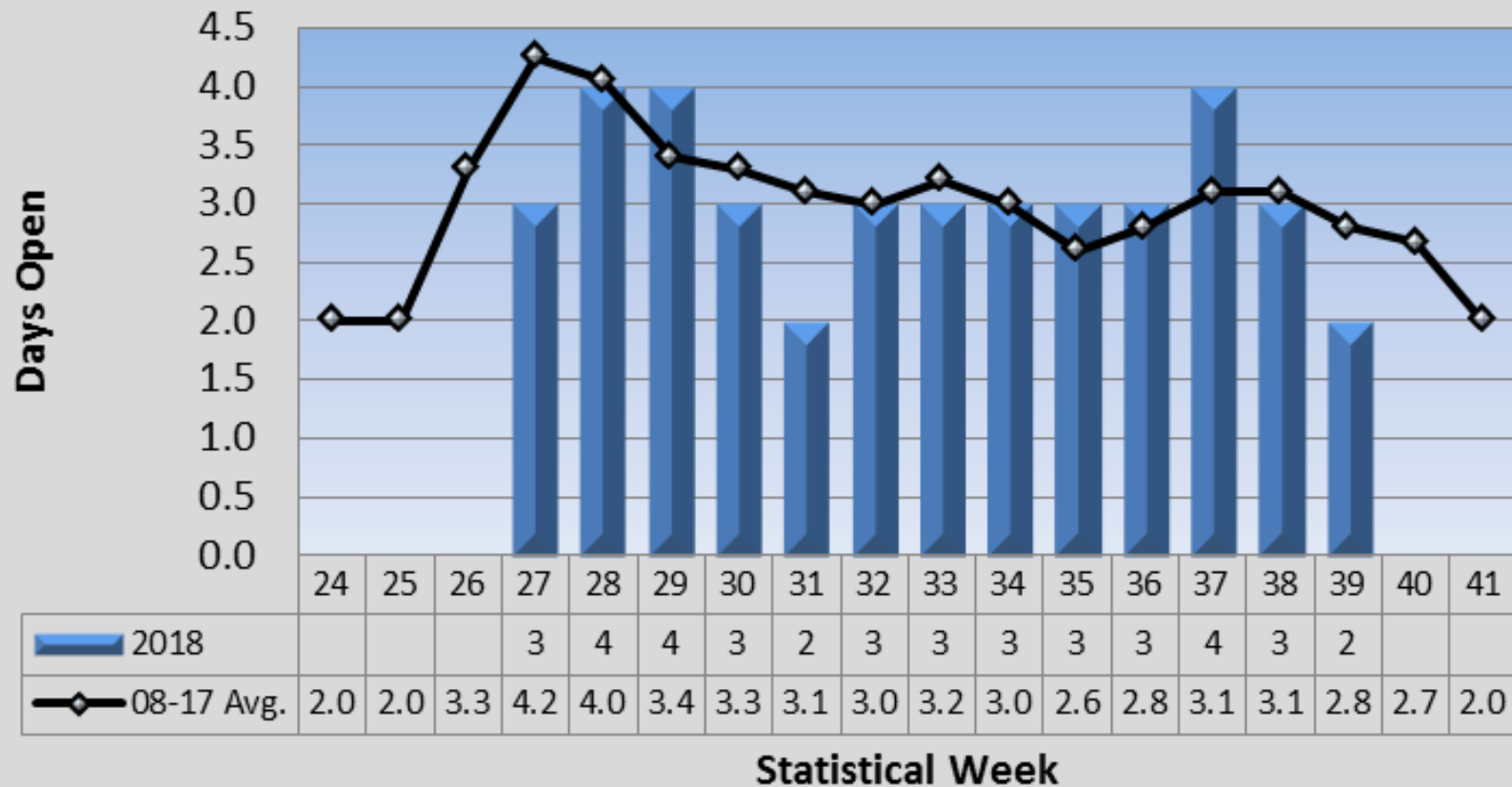


Figure 7.

- 40 total days (July 1–September 25)
- Below 08-17 average of 49.8 days

2018 District 8 Weekly Fishing Effort

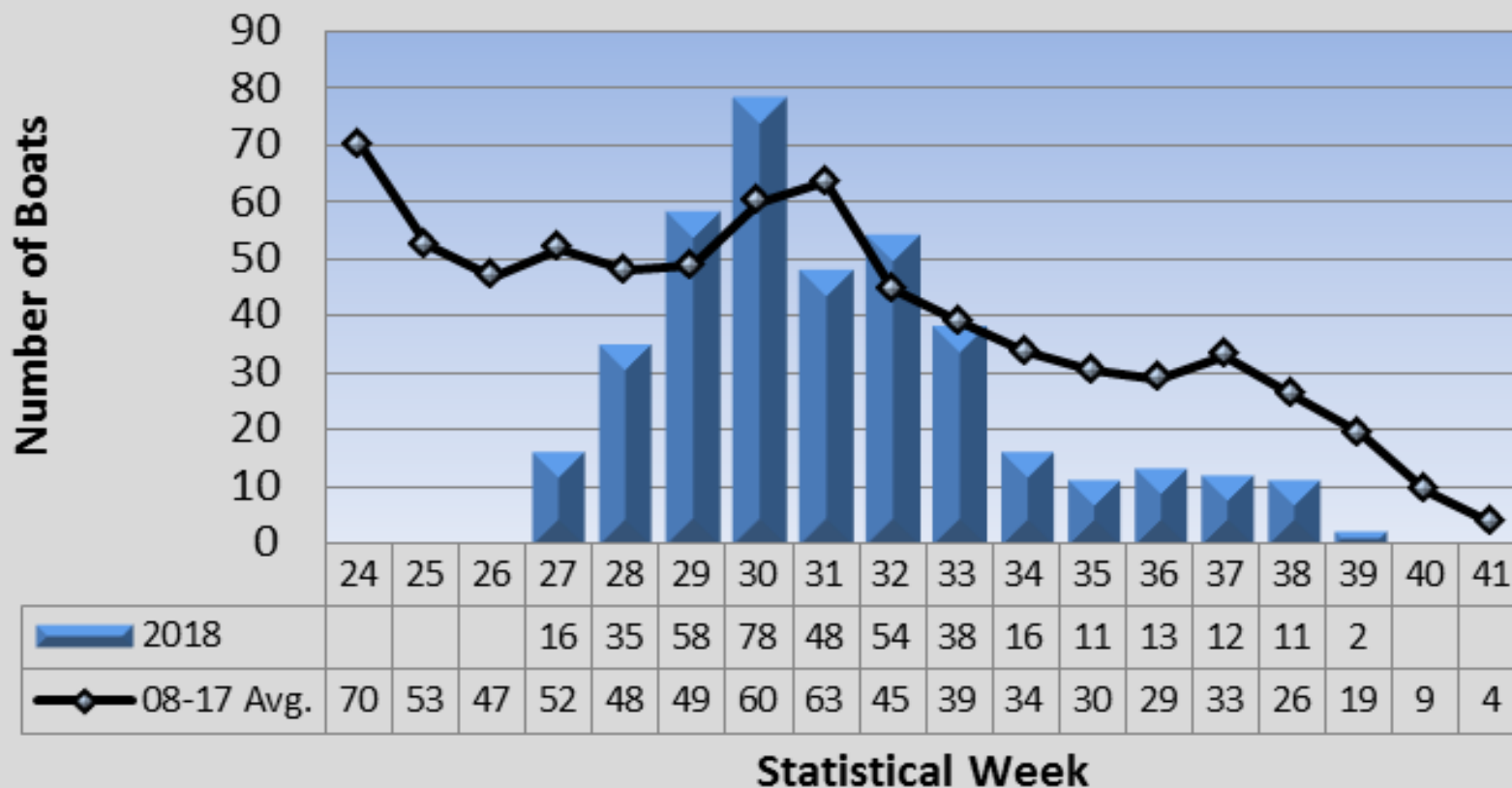


Figure 8.

- Weekly effort varied during sockeye and pink salmon management (SWs 27–34), then below average for coho
- Greatest number of boats in SW’s 30 (78 boats)

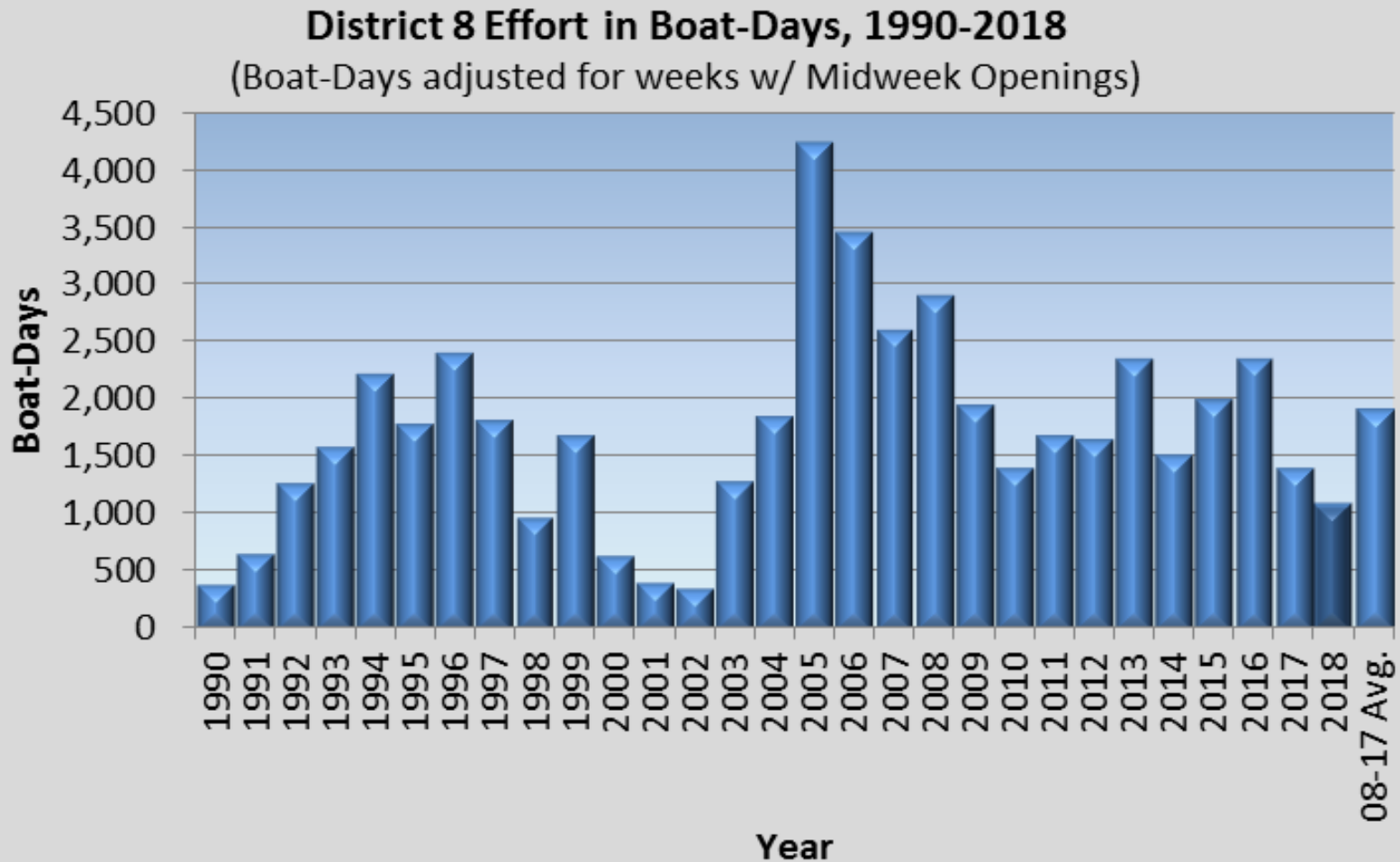


Figure 9.

- Total season effort was 1,064 boat-days, well below the 07–16 average of 1,907 boat-days

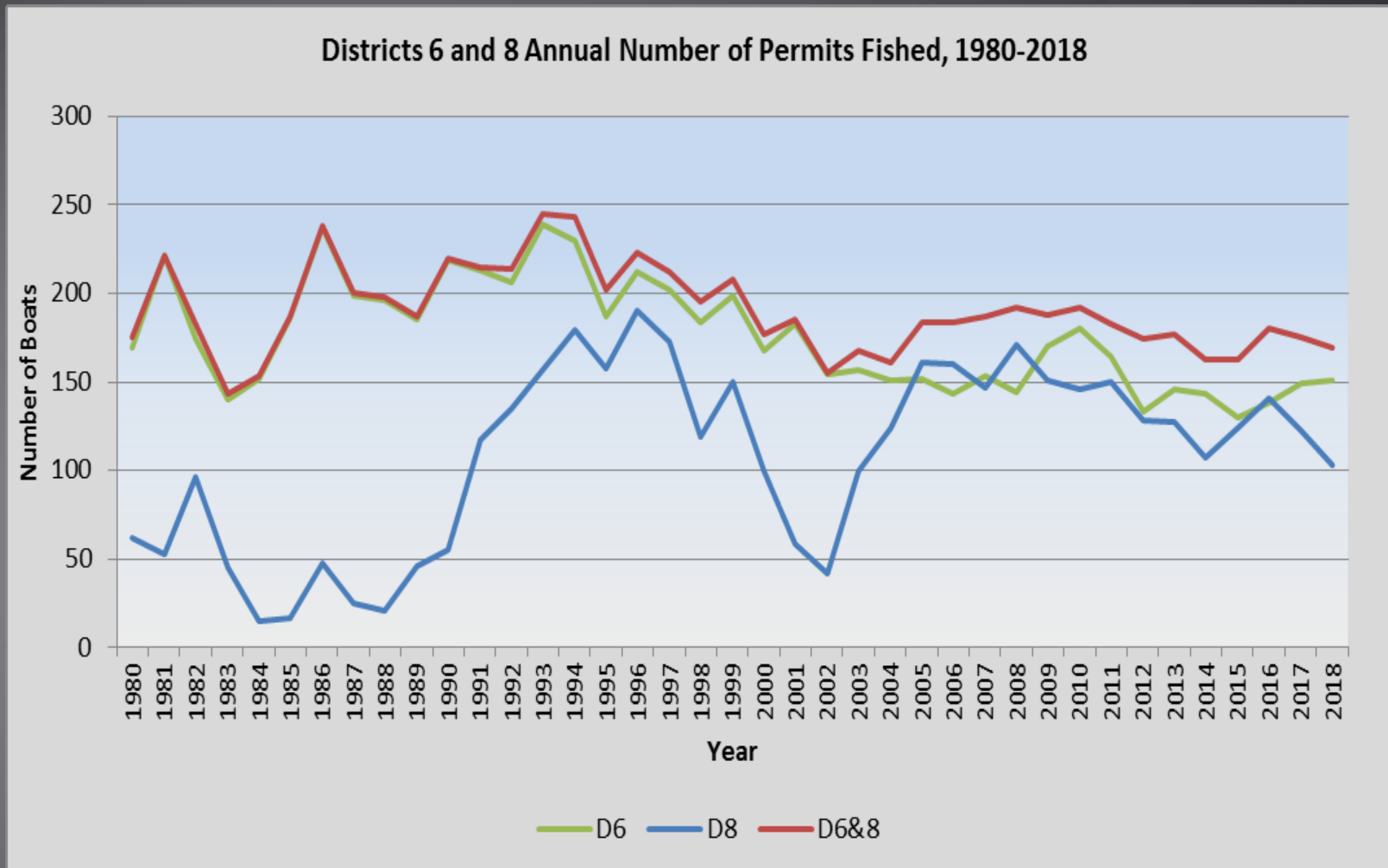


Figure 10.

- 169 boats fishing in Districts 6&8
- Just under the average of 179 boats

Anita Bay Gillnet and Statistical Areas 108-10 & 20 Gillnet Chum Salmon Harvest, 2004-2018

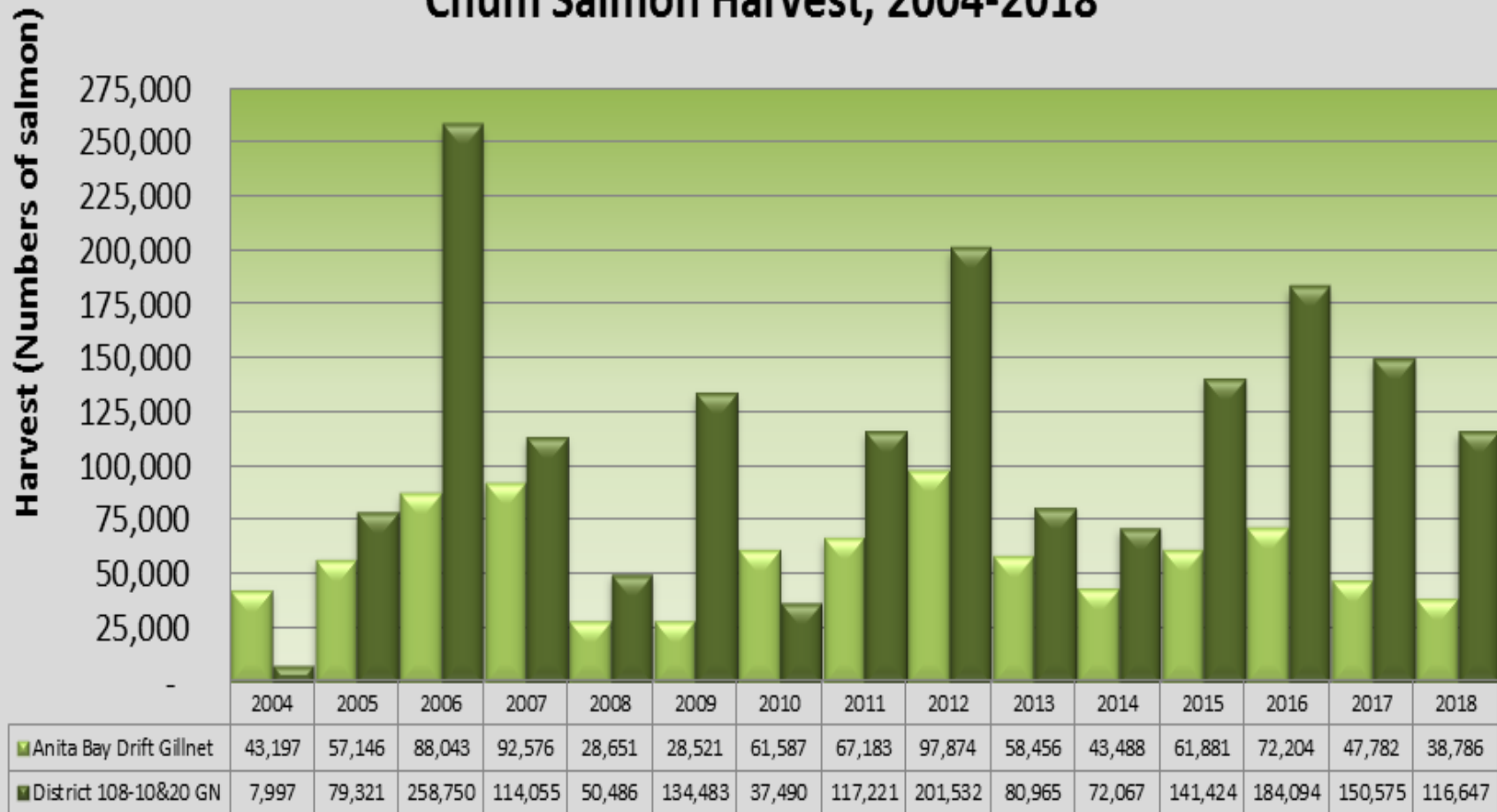


Figure 11.

District 8 Chinook Salmon

- Preseason forecast of 6,900 large Stikine Chinook salmon with similar inseason forecasts
- No AC, Conservation measures implemented in all U.S. fisheries.
 - Gillnet
 - Delayed opening until SW 27
 - Restricted area through SW28
 - Maximum mesh size of 6 inches through SW 29
 - Troll
 - Spring troll fisheries did not open in 2018
 - Non-retention of Chinook salmon for the first summer troll opening
 - Sport
 - Chinook salmon non-retention period from April 1 through July 15
 - Bag and possession limit was restricted to 1 fish for residents and nonresidents
 - Subsistence
 - Did not open until June 21
- Postseason Stikine Chinook salmon run size estimate: less than 8,000 fish
 - U.S. estimated harvest of 23 large Stikine River Chinook salmon

2018 District 8 Gillnet Weekly Chinook Salmon Harvest

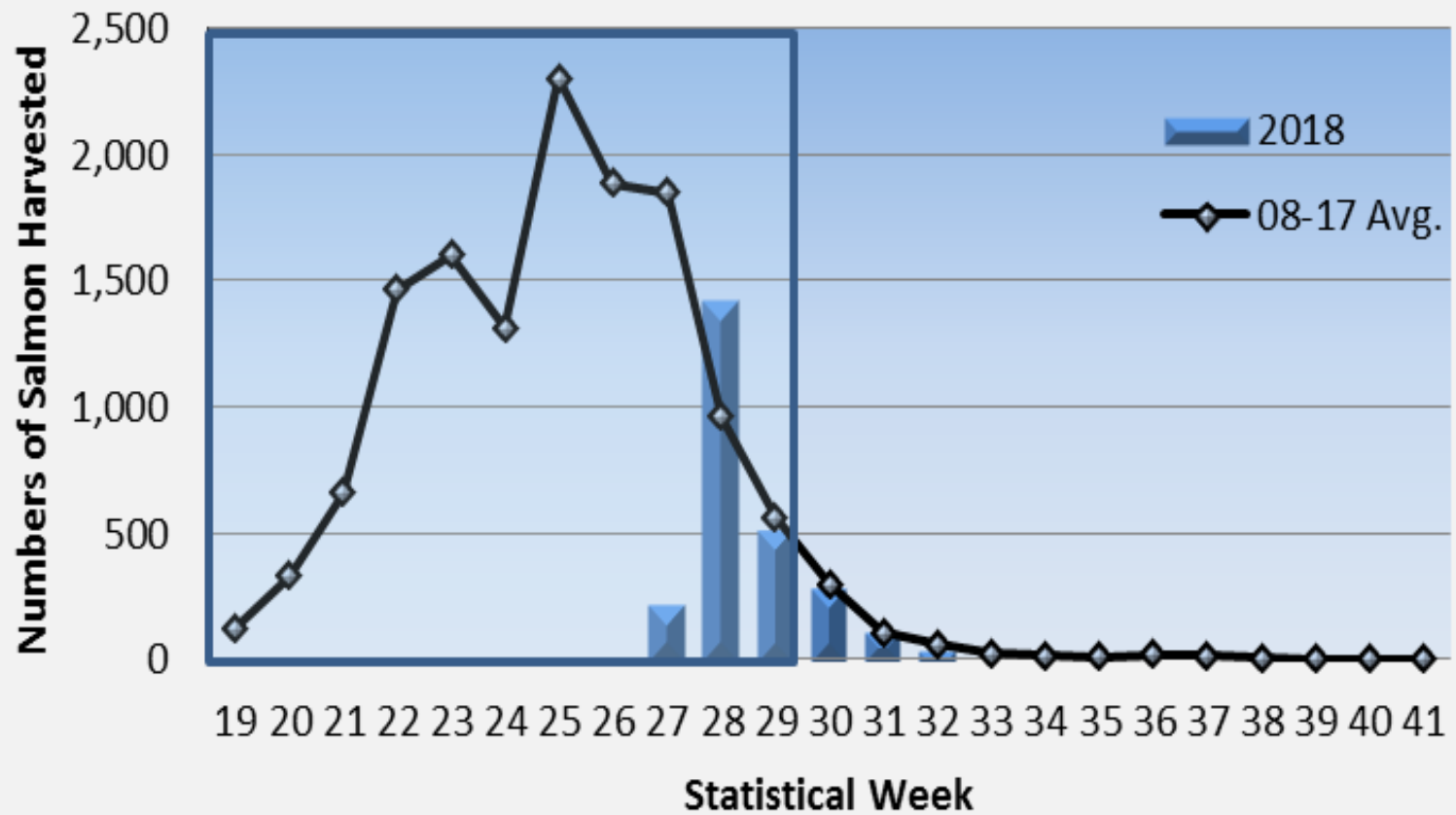


Figure 12.

District 8 SWs 18-29 Annual Harvest of Large Chinook Salmon, 2008-2018

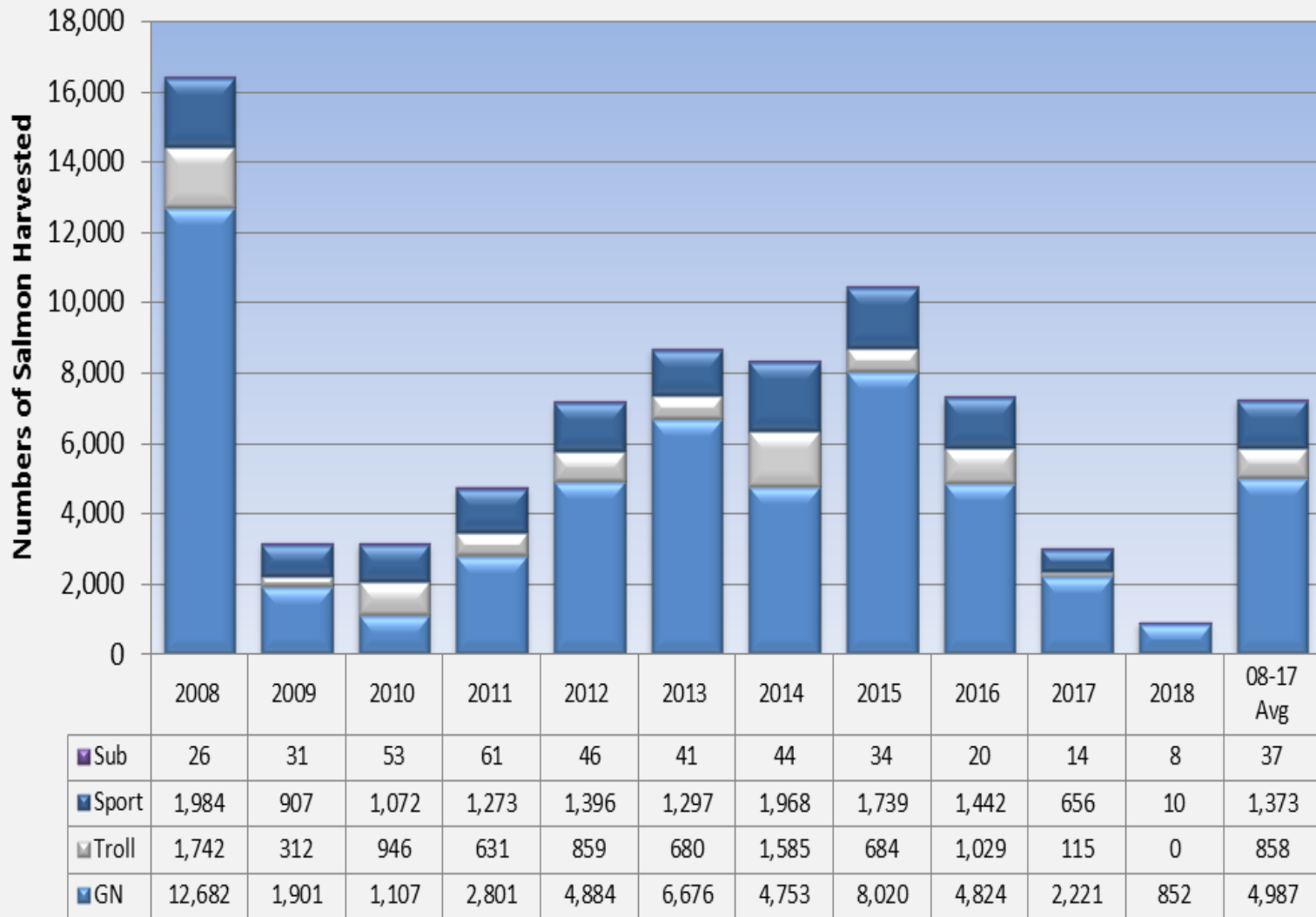


Figure 13.

District 8 SWs 18-29 Harvest of Large Stikine Chinook Salmon, 2008-2018
(Gillnet and Sport Harvest Estimated by GSI)

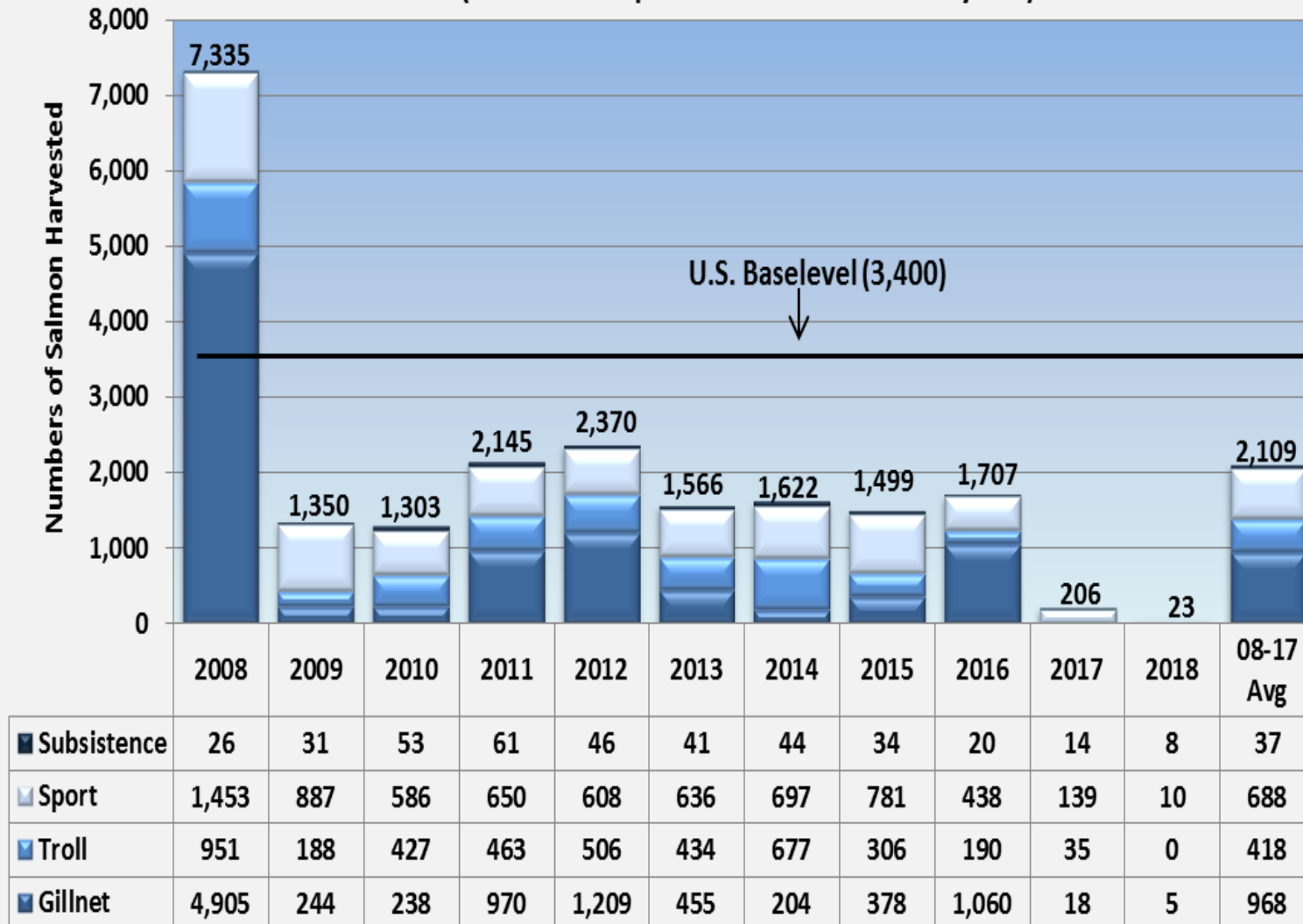


Figure 14.

2008-2018 Canadian Total Harvest of Large Stikine Chinook Salmon

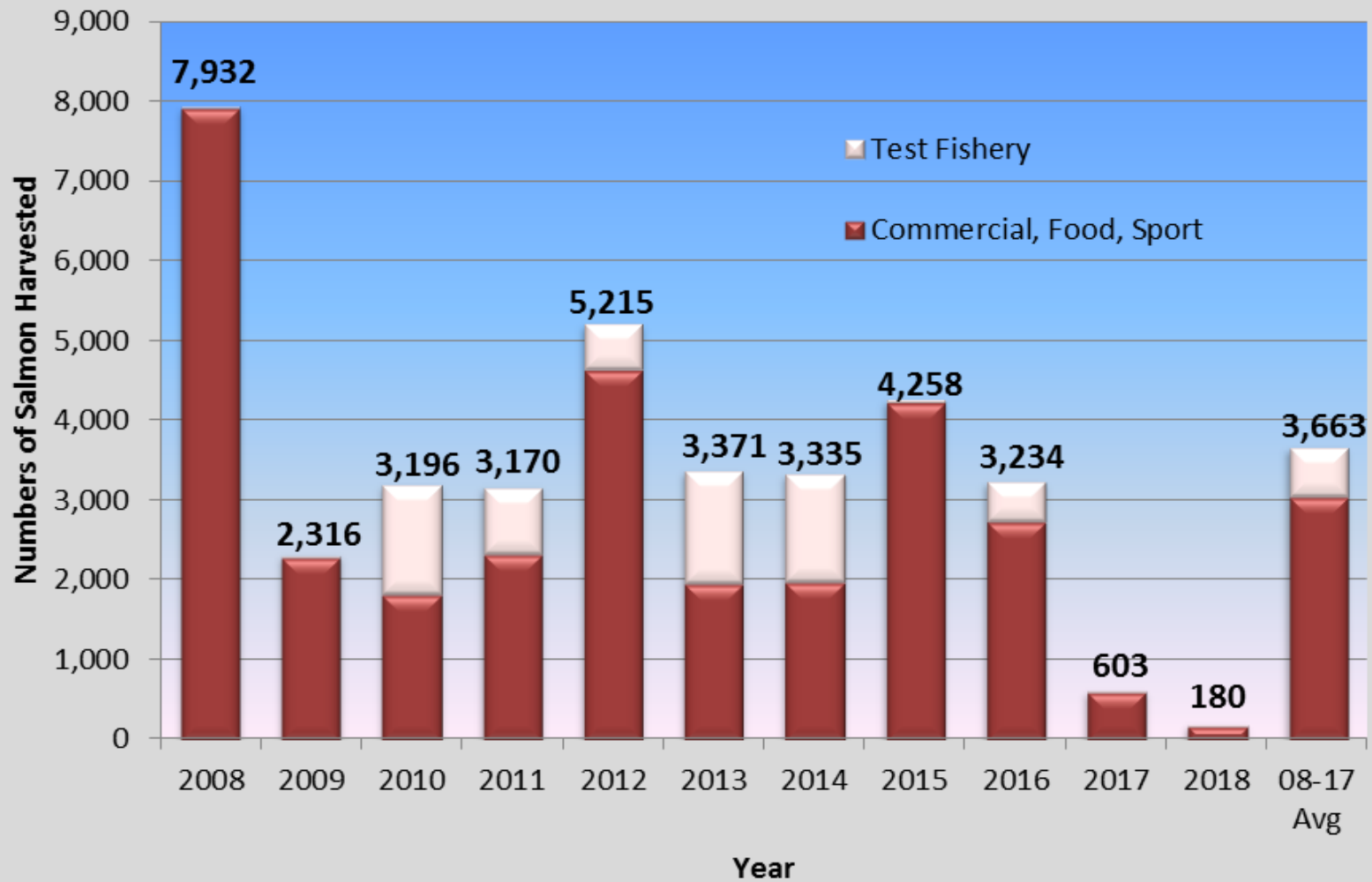


Figure 15.

Stikine River Chinook Salmon Harvest and Escapement, 2008-2018

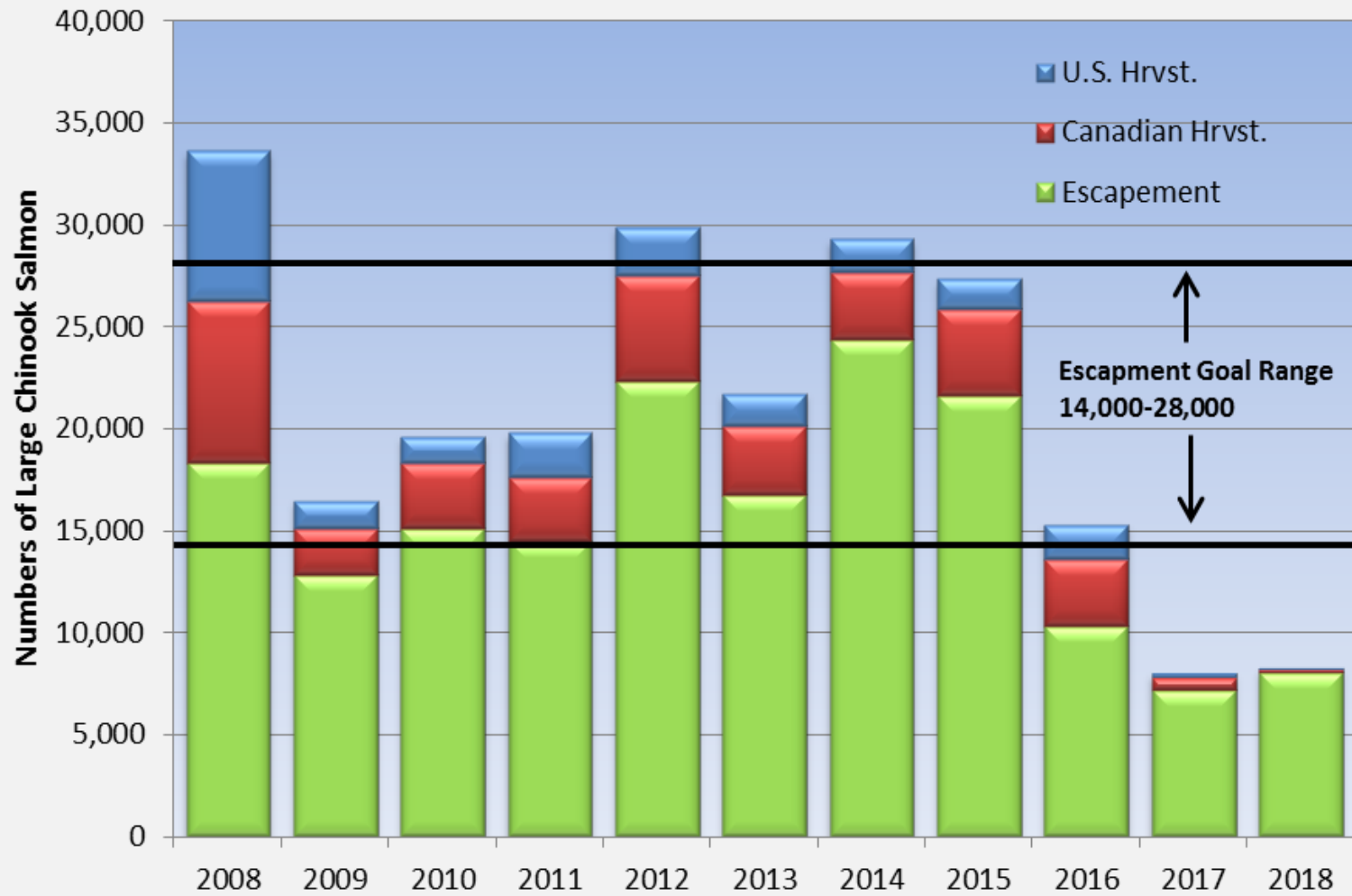


Figure 16.

Sockeye Management Summary



Sockeye Salmon Management

- Weeks 25 through 31 (June 17–August 4)
- District 6 Chinook salmon conservation
 - District 6 delayed for one week
 - Restricted to 2 days in SW 25
 - 6 inch maximum mesh restriction in affect through SW 27
- District 8 Chinook salmon conservation
 - Delayed opening until SW 27
 - Restricted area through SW28
 - Maximum mesh size of 6 inches through SW 29
- Generally poor sockeye salmon runs
 - Lowest District 6 sockeye salmon harvest in over 40 years
 - Lowest District 8 sockeye salmon harvest in 17 years

Figure 17a.

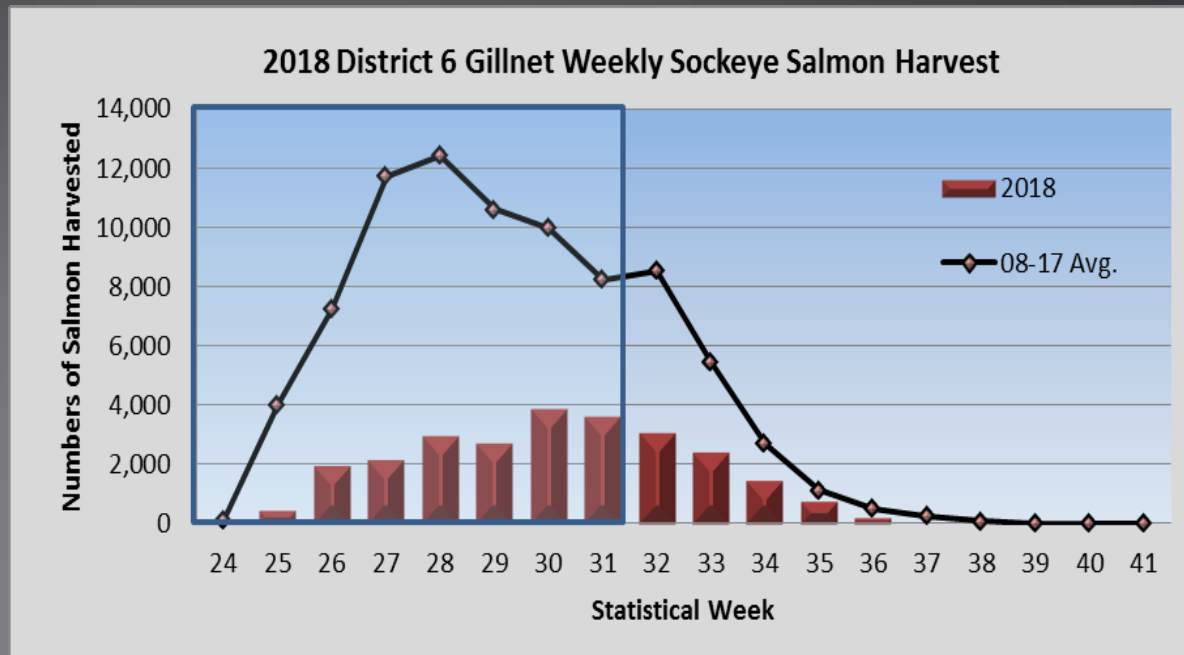
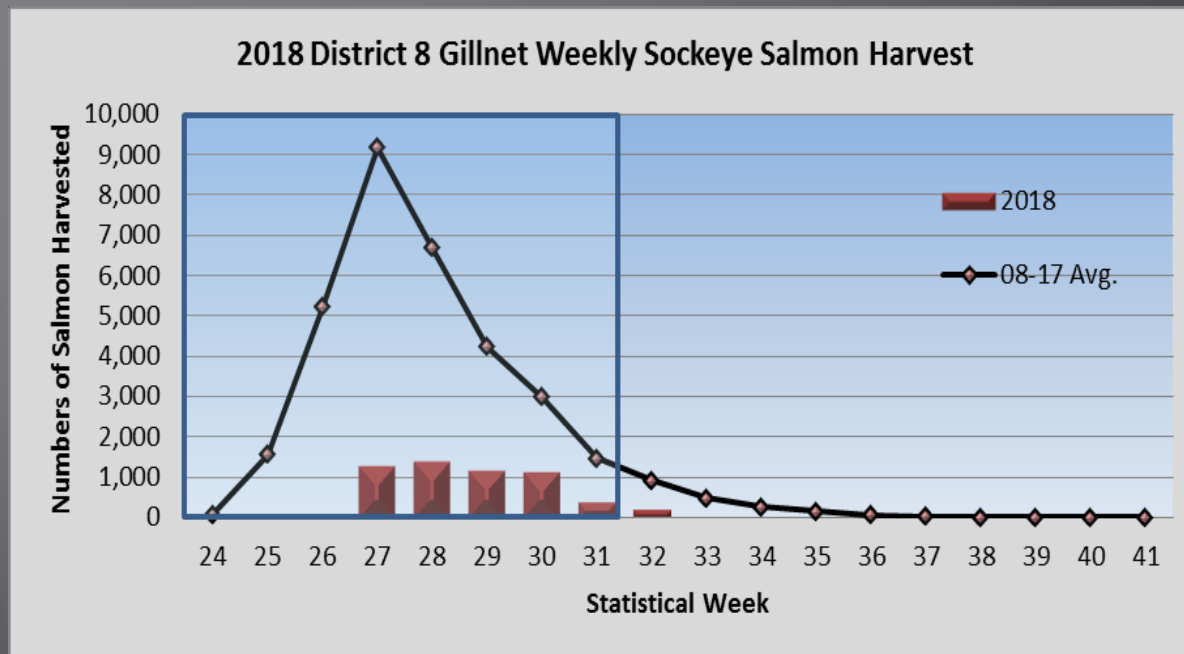


Figure 17b.



2018 Total Stikine Sockeye Salmon Preseason, Inseason, and Final Allowable Catch and U.S. and Canadian Weekly Cumulative Harvest

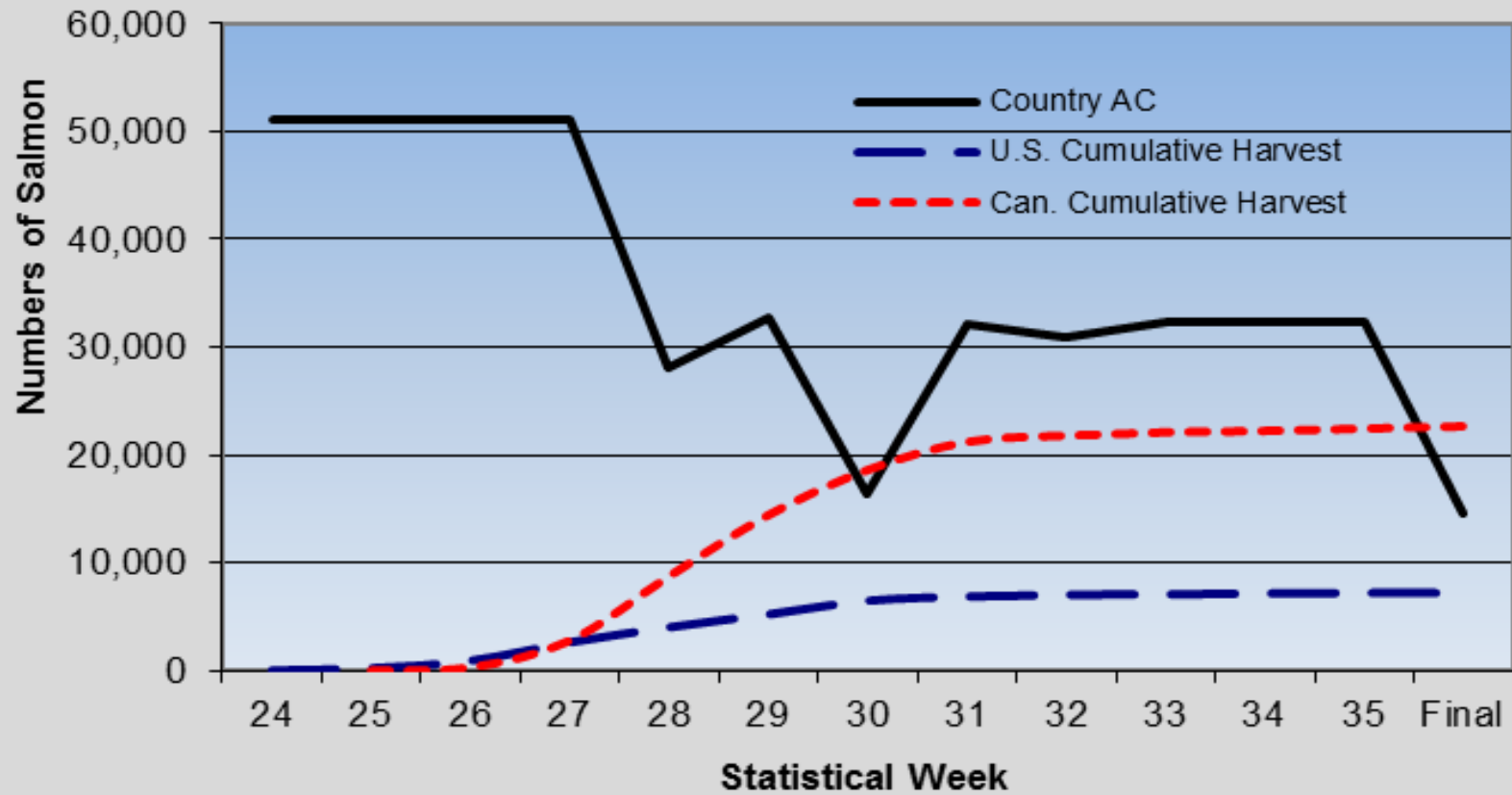


Figure 18.

Stikine River Sockeye Salmon Harvest and Escapement, 1995-2018

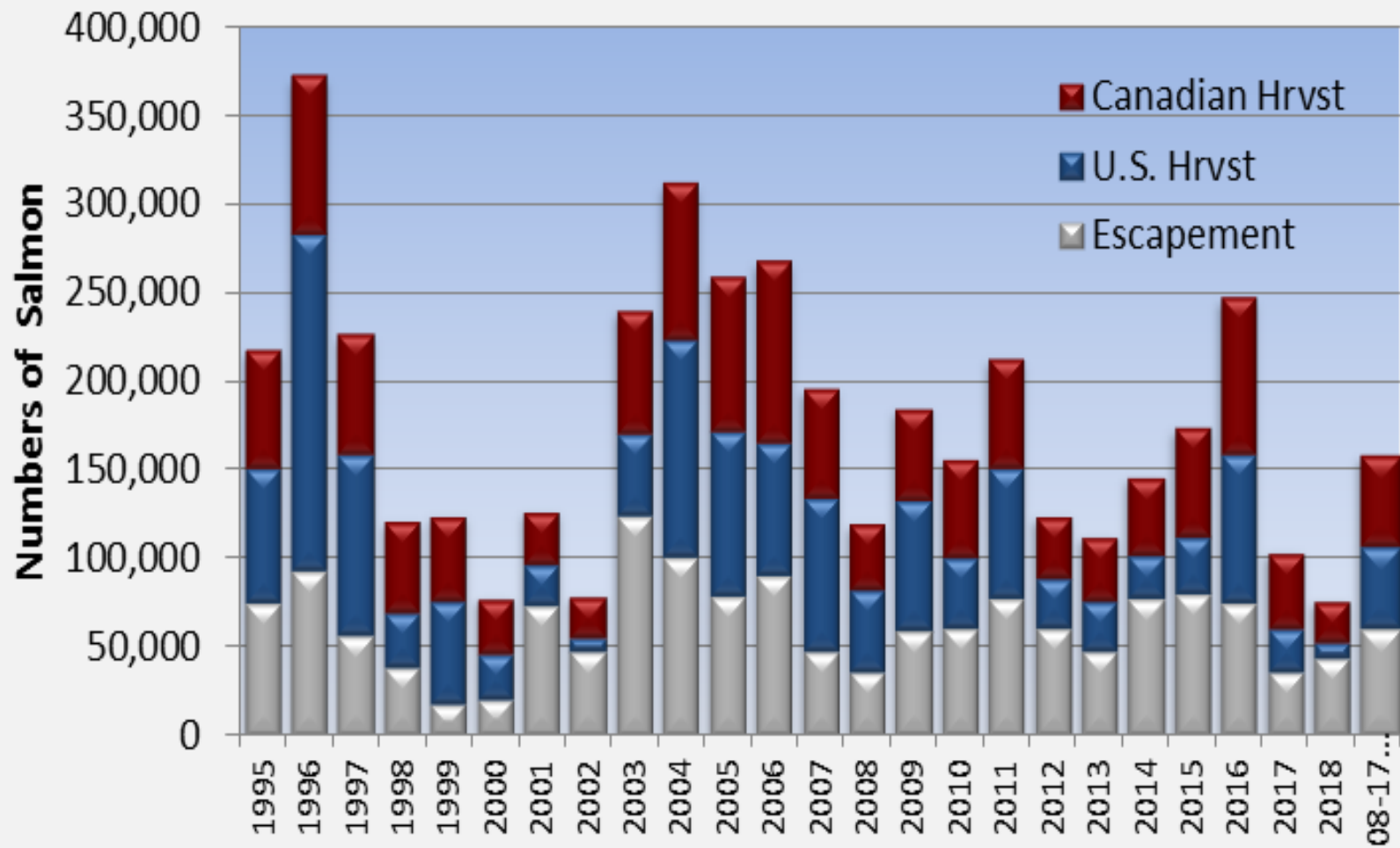


Figure 19.

Sockeye Salmon Escapement

- Stikine
 - Tahltan Lake escapement: 19,000 (within 18,000-30,000 range)
 - Mainstem-~28,200 (within 20,000-40,000 goal range)
- Island Stocks
 - Poor
- McDonald Lake
 - ~10,000 escapement (below 55,000-120,000 goal range)

Pink Salmon Management



Pink Salmon Management

- Weeks 32 through 34 (August 5–August 25)
- District 6
 - Effort above average
 - Pink salmon harvests and harvest rates above average
- District 8
 - Effort well below average
 - Pink salmon harvests and harvest rates well below average
- Stock group escapements within target ranges for both districts

Figure 20a.

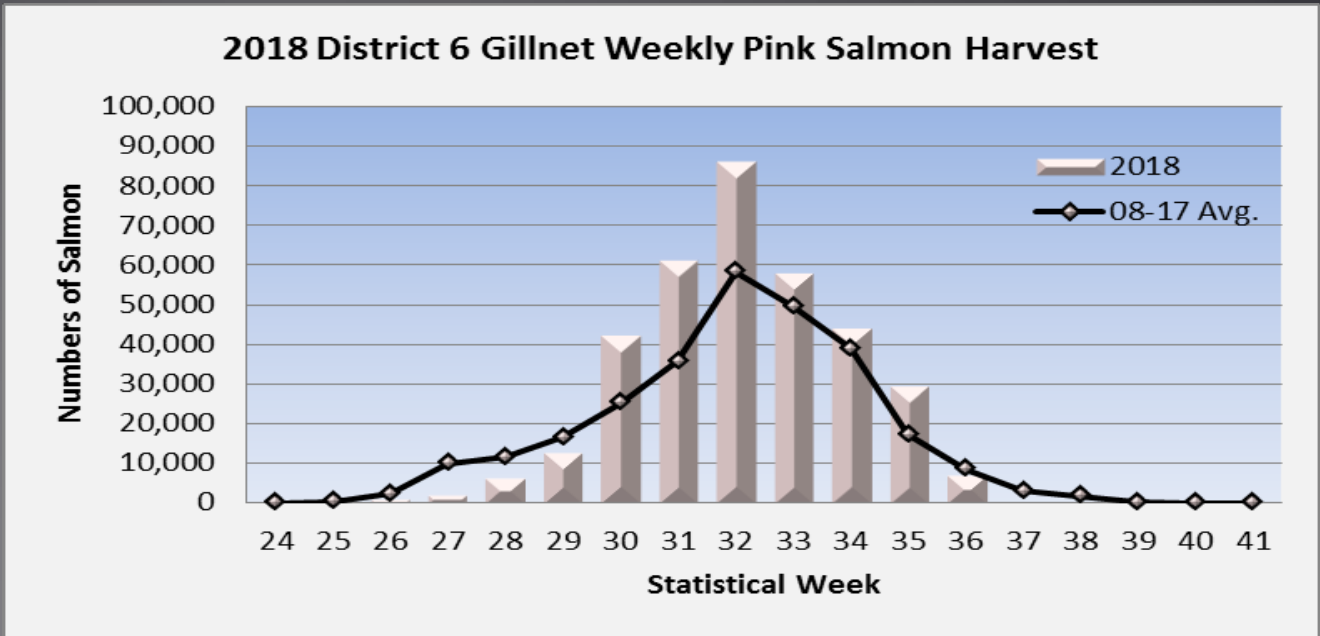
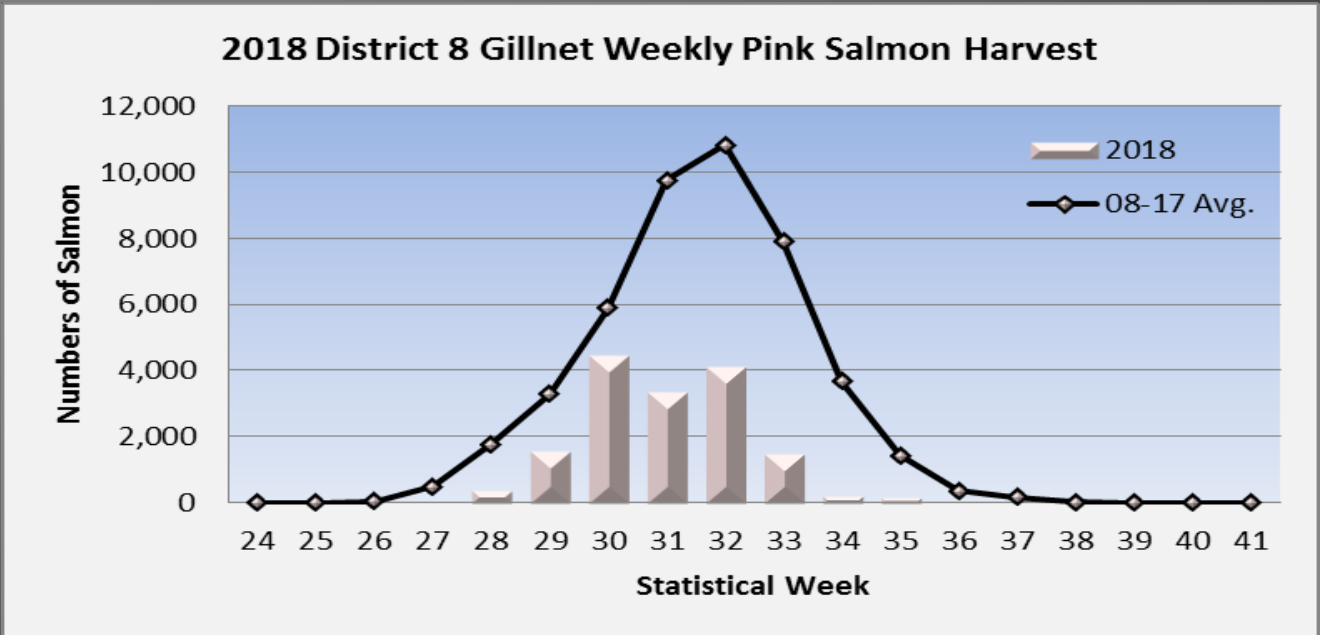


Figure 20b.



Coho Salmon Management



Coho Salmon Management

- Weeks 35 through 39 (August 26–September 29)
- District 6
 - Above average effort for SWs 35–37, below in SWs 38&39
 - Coho salmon harvest below average
 - Harvest rates started strong, but then fell below average soon after peak
 - Run timing a week early
- District 8
 - Effort, harvests, and harvest rates below average
 - Average run timing

Figure 21a.

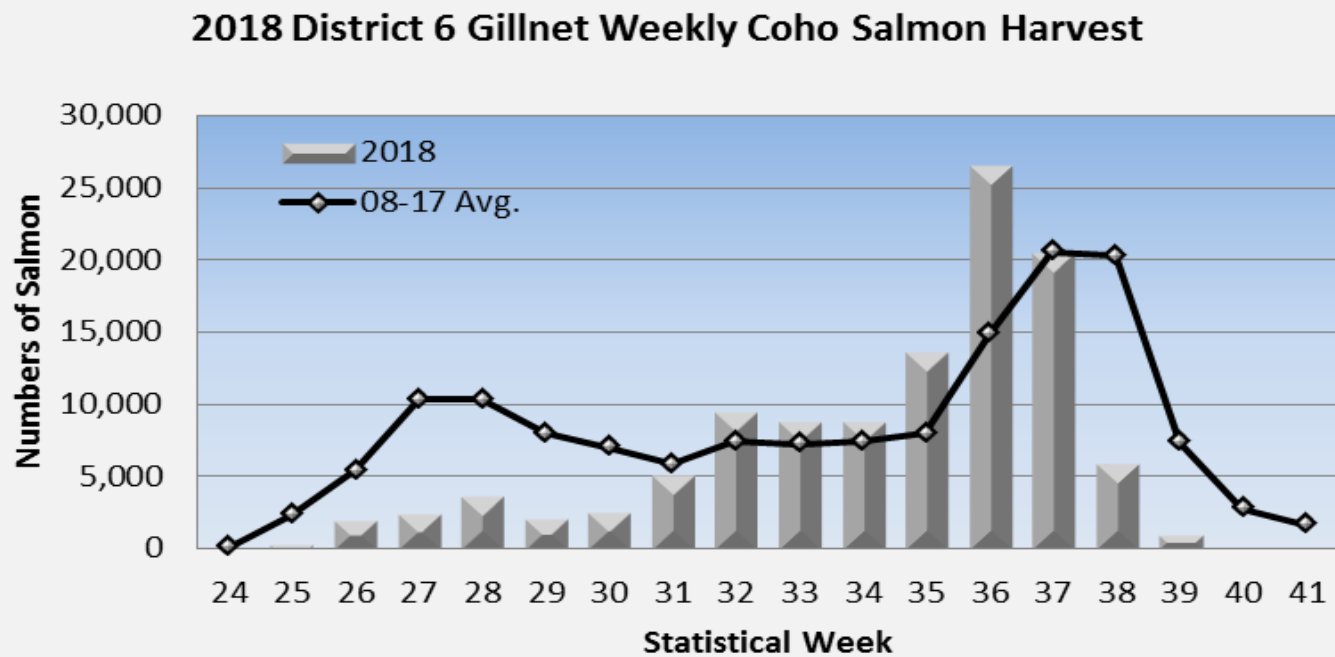


Figure 21b.

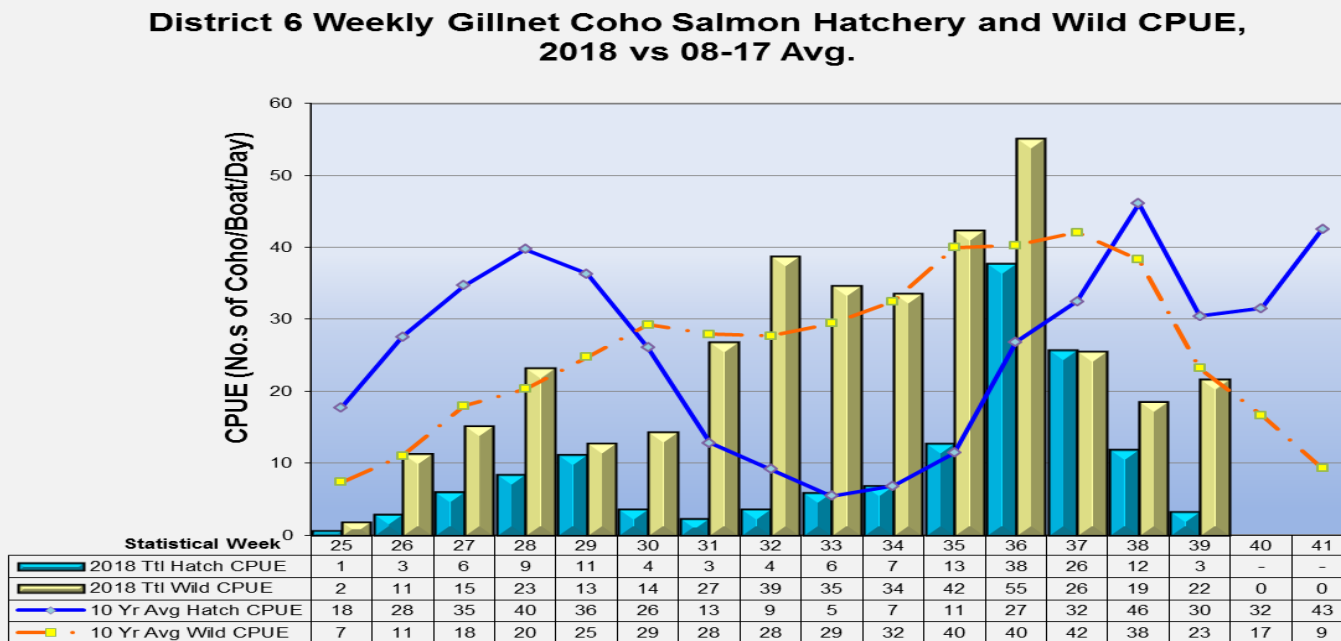


Figure 22a.

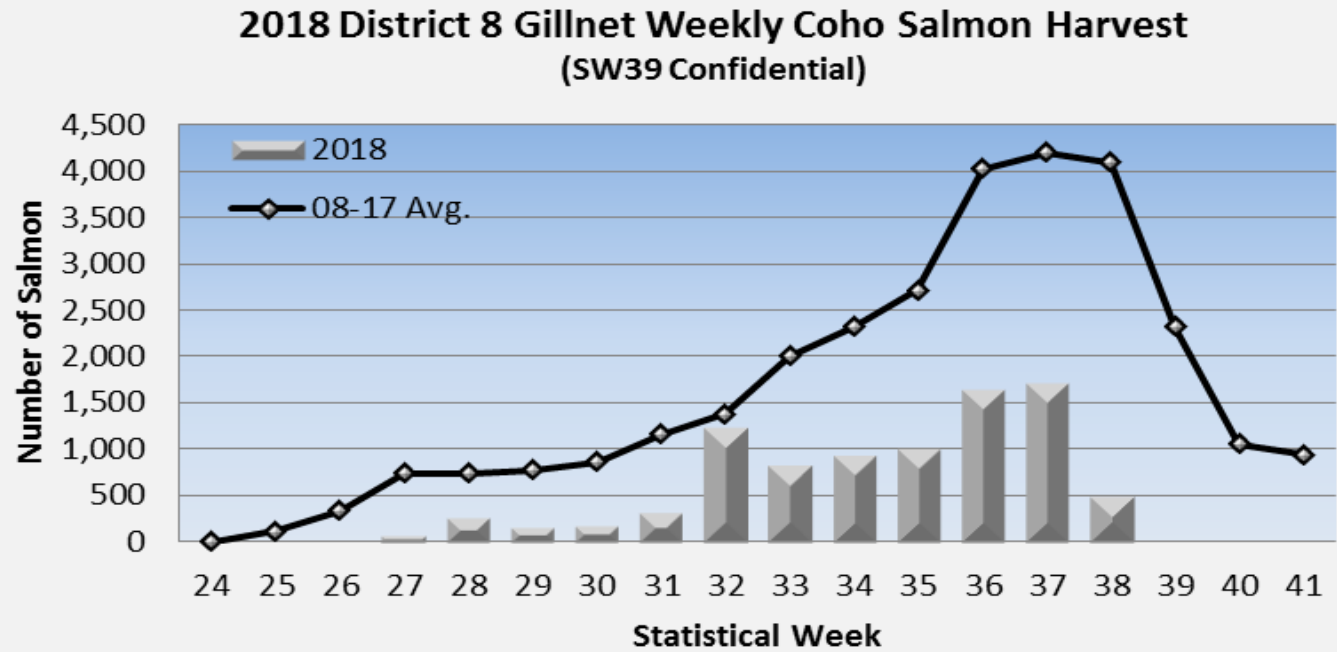
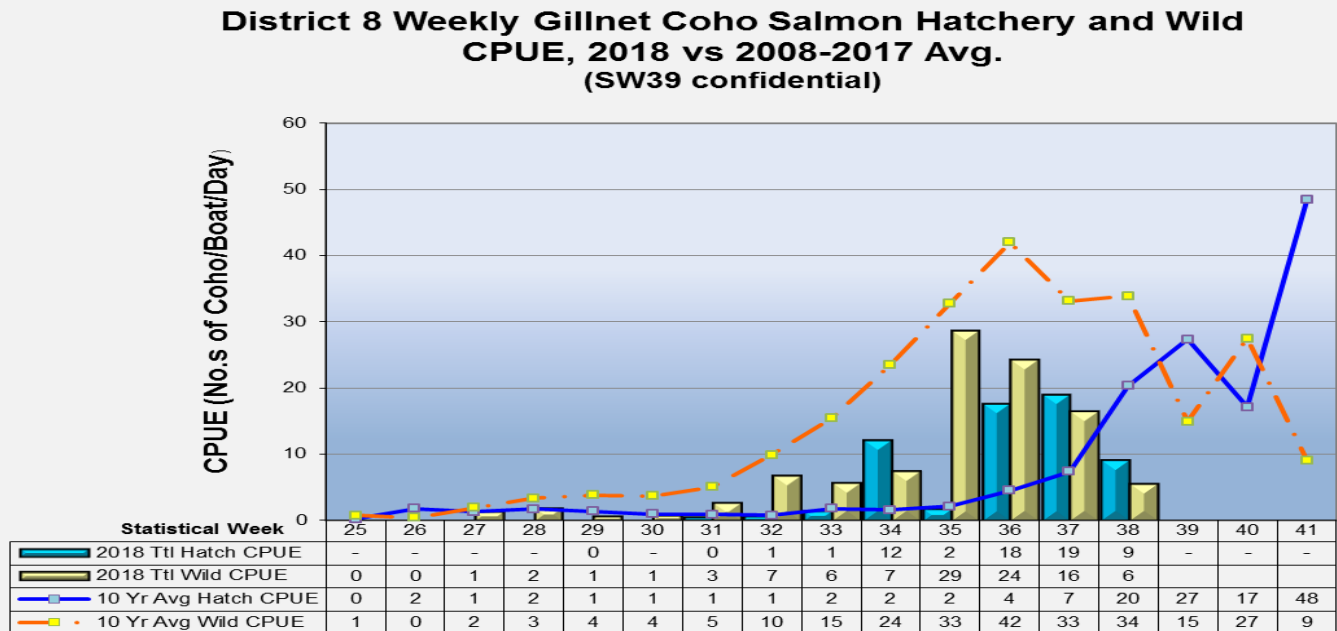


Figure 22b.



2018 Expectations

- Stikine Chinook salmon: Preseason forecast produced in December
 - No directed fisheries
 - Conservation measures likely in place for start of gillnet season
- Sockeye salmon:??
 - Stikine Sockeye salmon: ??
 - Preliminary forecast produced in February/March
 - Island Stocks: Parent year escapements average
 - McDonald Lake
 - Parent year escapement low

Any Questions?

