

SBC Chinook Catch and Release Summary

2011-2023

Data Sources

- 2010-2021 effort, catch and released numbers are based on DFO provided data
- 2023 versus 5-yr recent average are based on the South Coast Assessment Creel Survey Summary Report from September 2023

Notes

- sub-legal = smaller than the legal size limit
- encounters = total number of kept, released-legal, and released sub-legal chinook

EFFORT DATA INCLUDING 2023

- data from DFO (2002-2021 from DFO database, 2022 and 2023 digitized from SC creel reports)
- 2002-2023 by month by year by PFMA by management (ISBM versus AABM)
- effort is total boat trips
- Note that this is all effort, not Chinook directed effort
- 2023 marginally less effort than 2022, continues lower effort since 2018

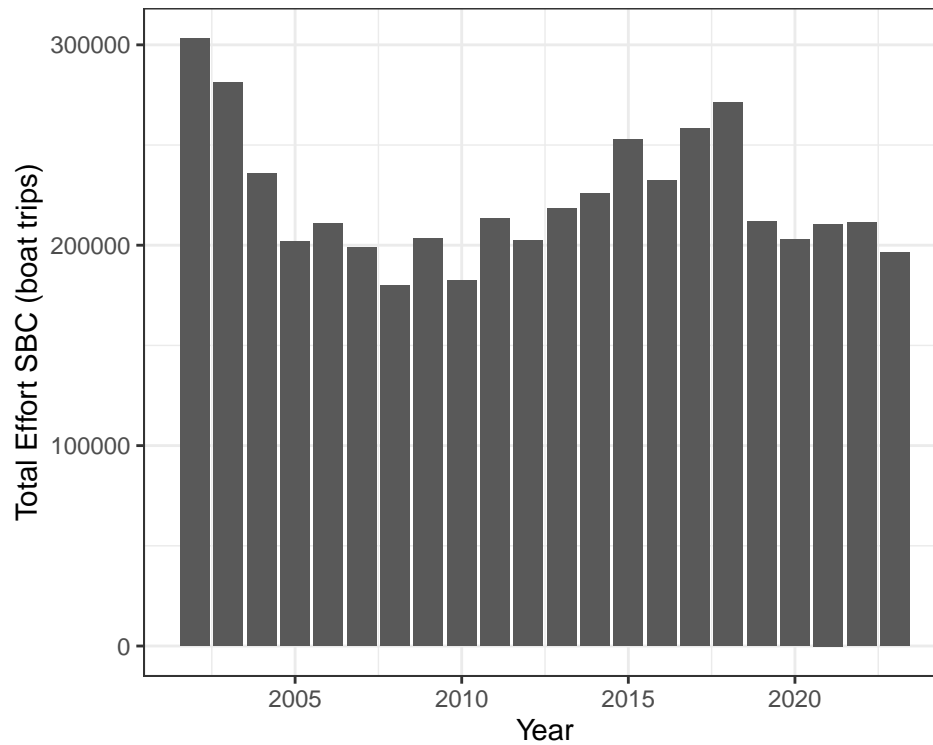


Figure 1: Total effort in number of boat trips for all SBC areas.

- effort by PFMA for 2002-2023
- less effort in most areas in 2023 versus 2022
- some areas (mostly in WCVI) increased effort
- effort in Fraser approach (28/29) increased slightly from 2023

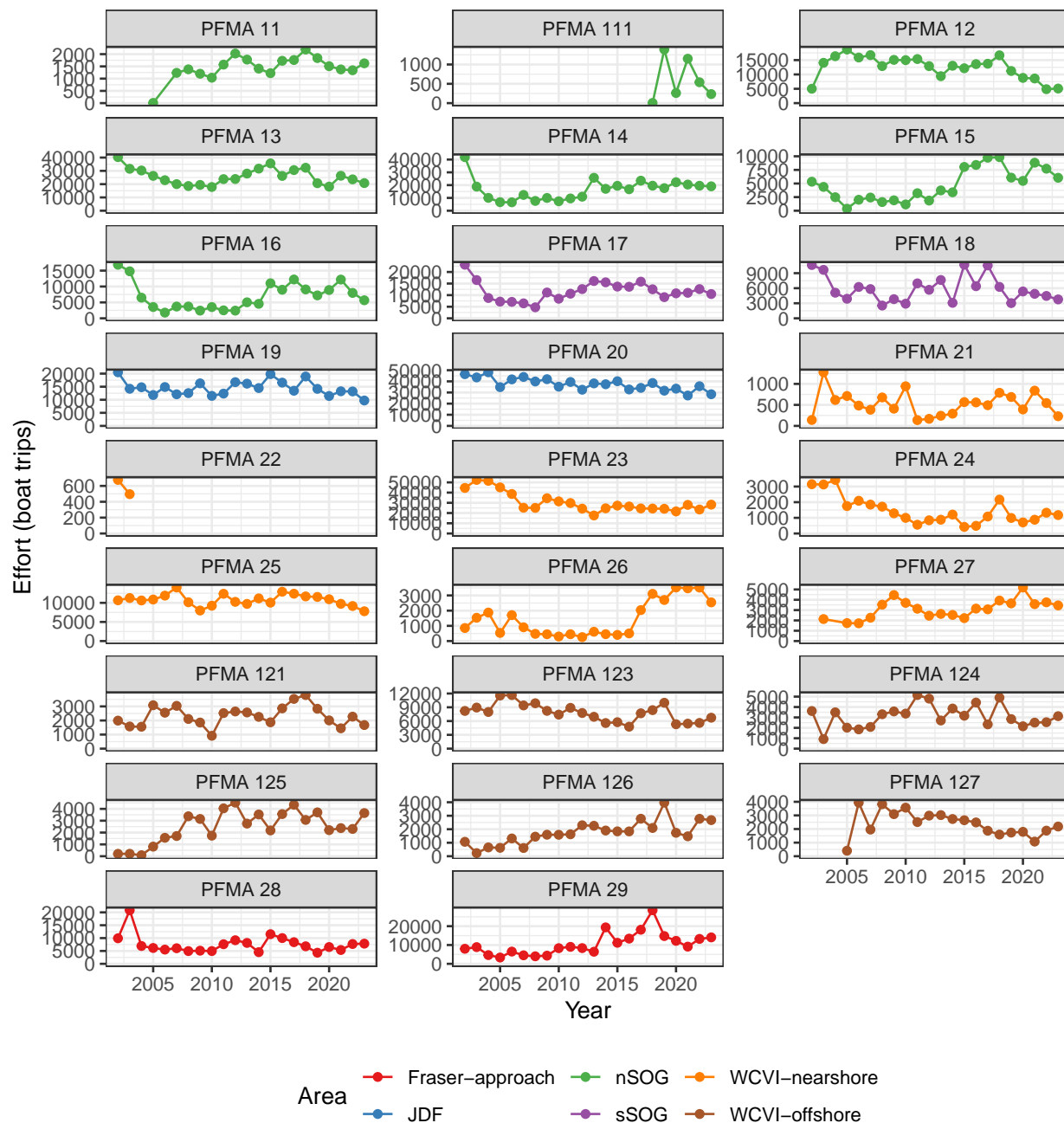


Figure 2: Total effort in number of boat trips by area for all SBC areas.

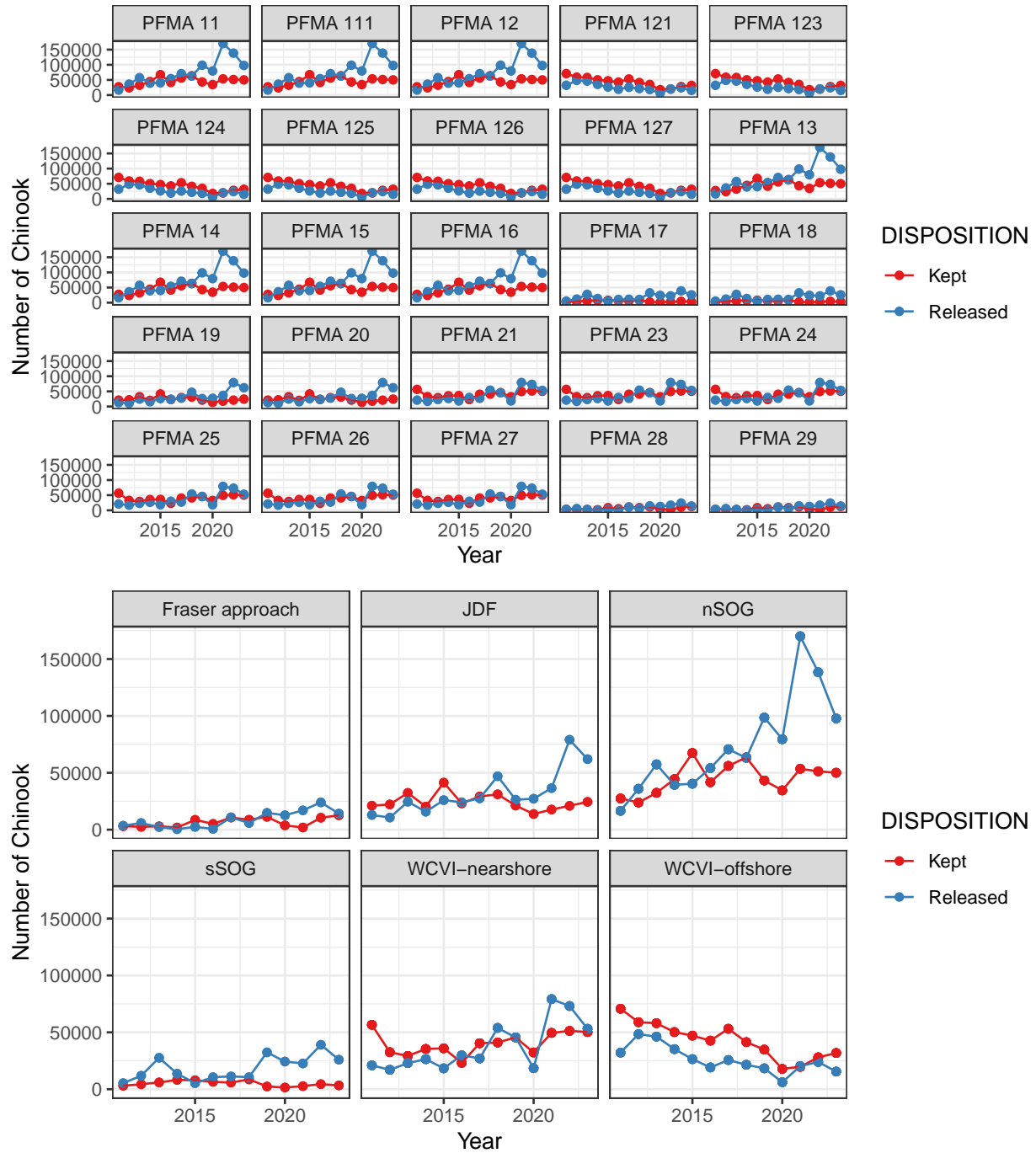


Figure 3: Chinook kept and released by Region and PFMA

ENCOUNTERS

- total encounters lower in 2023 than in 2022
- we don't have sub-legal/legal breakdown for 2022 and 2023 yet
- total encounters in 2023 still higher than pre-2021 years
- total encounters in 2023 ~ 430,000 Chinook (172k kept and 268k released)

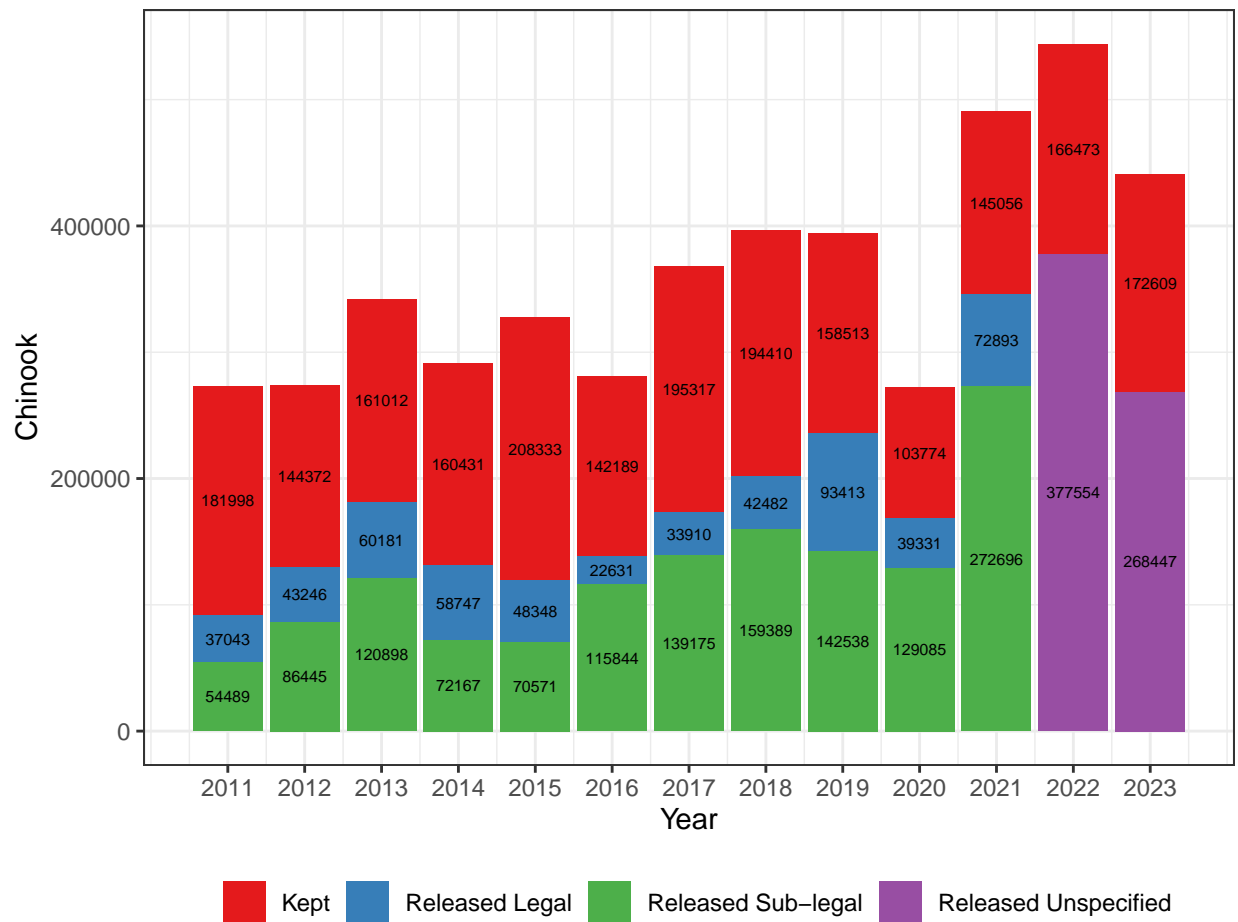


Figure 4: Top: Total encounters (column height) by disposition (kept, released and released sub-legal) Chinook for all SBC areas.

KEPT AND RELEASED BY AREA

- Kept and released various changes by area (down in some areas, up in others)

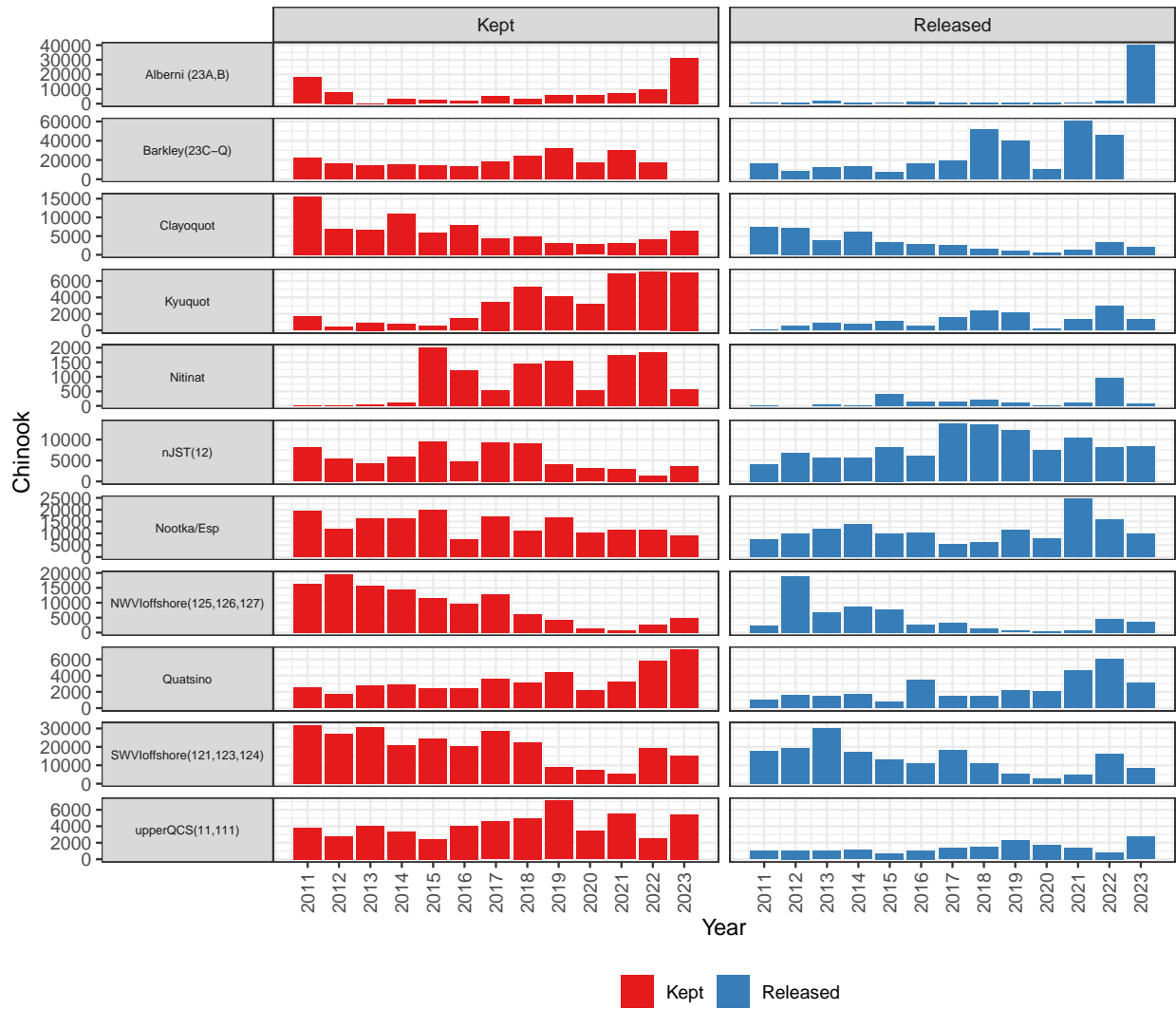


Figure 5: Kept and released Chinook by area.

- in key MSF areas, we don't have the sub-area level catch and release numbers to divide these up, so they are only rough estimates except for nGST

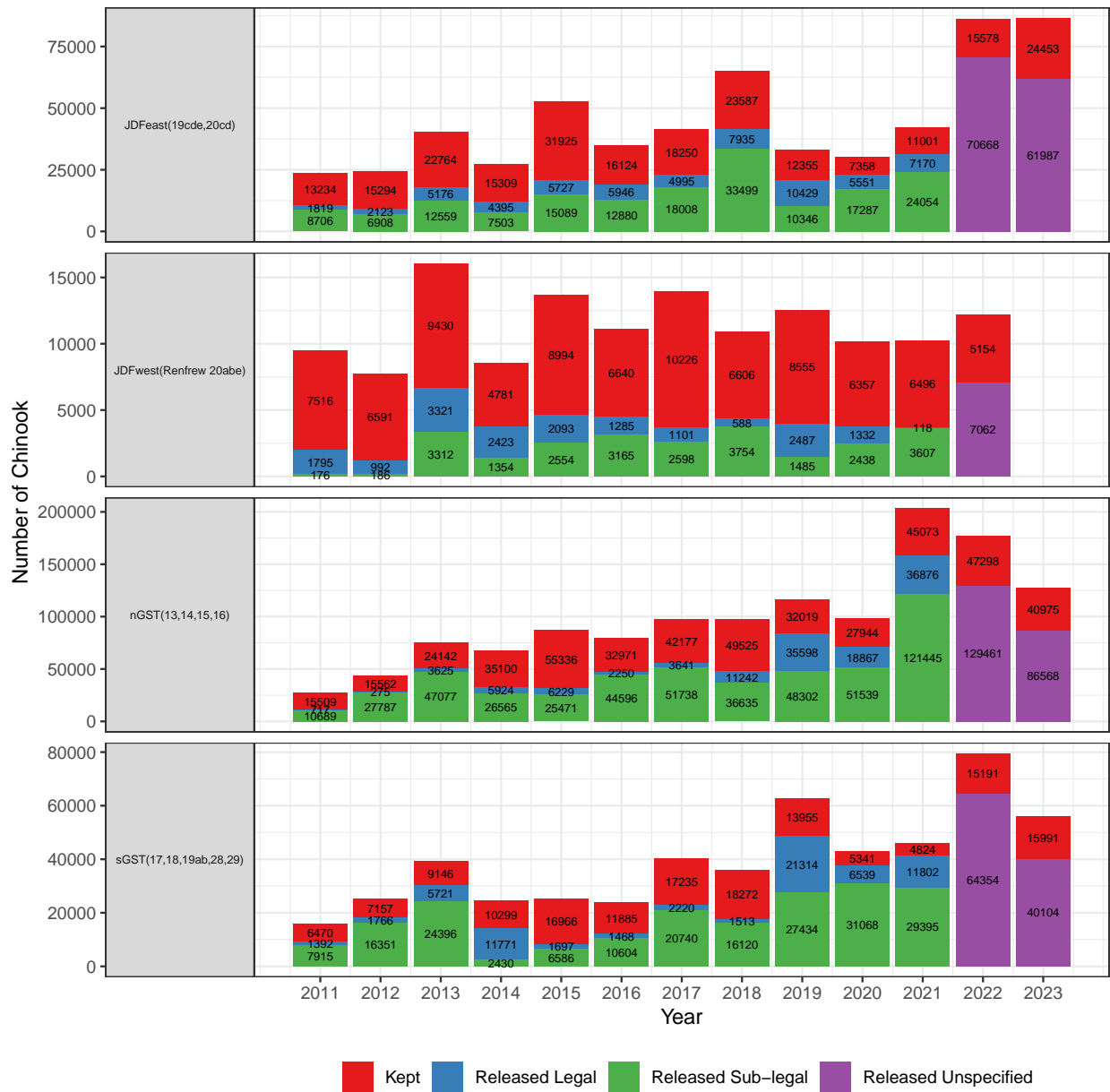


Figure 6: Kept, released and released sub-legal Chinook by area for proposed MSF areas in SOG and JDF.

CHINOOK DIRECTED EFFORT

- Chinook directed effort from 2014-2020 by area and month
- We don't have this for 2021-2023, so can't add those years

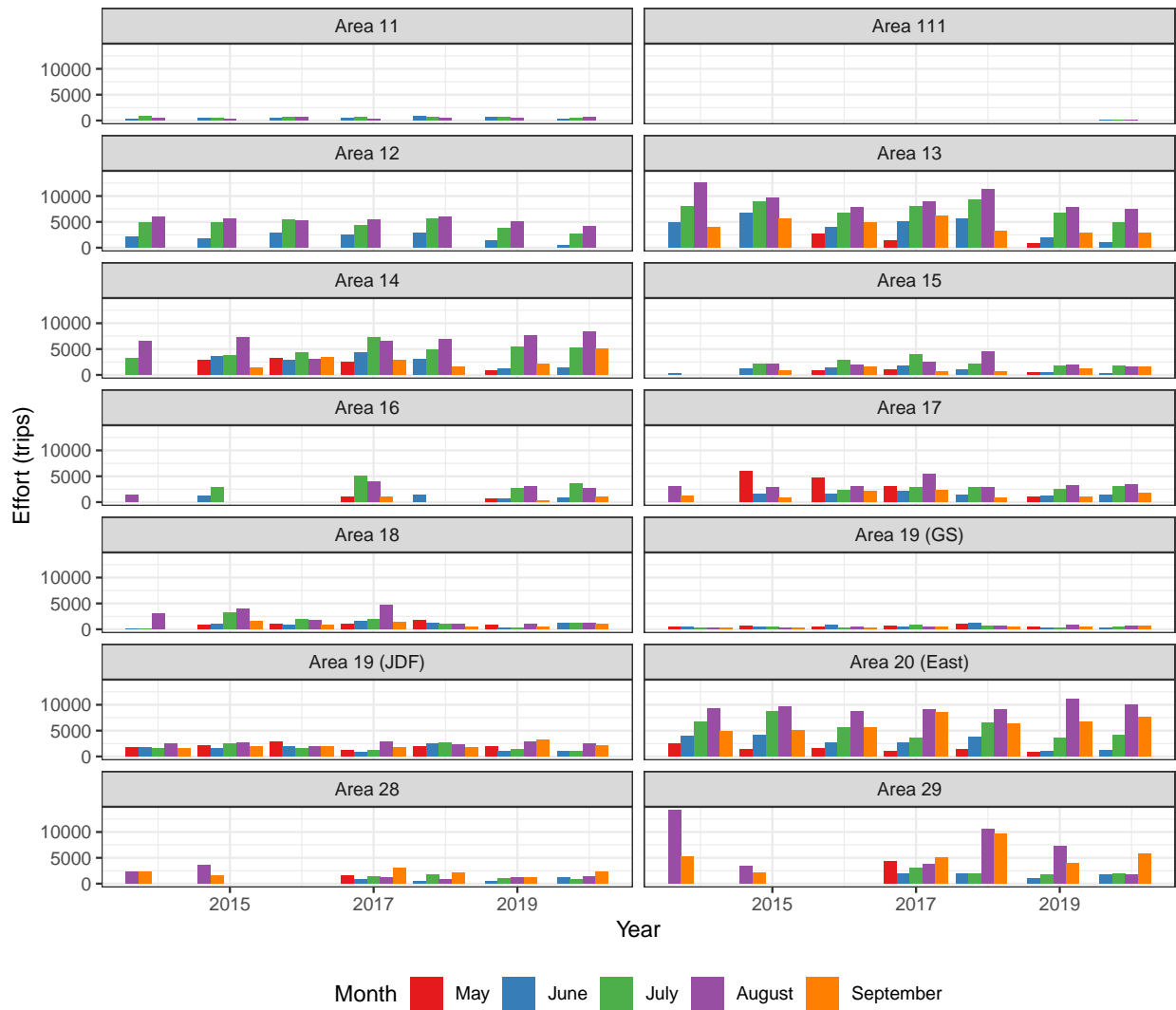


Figure 7: Chinook directed effort by area and month (2014-2020)