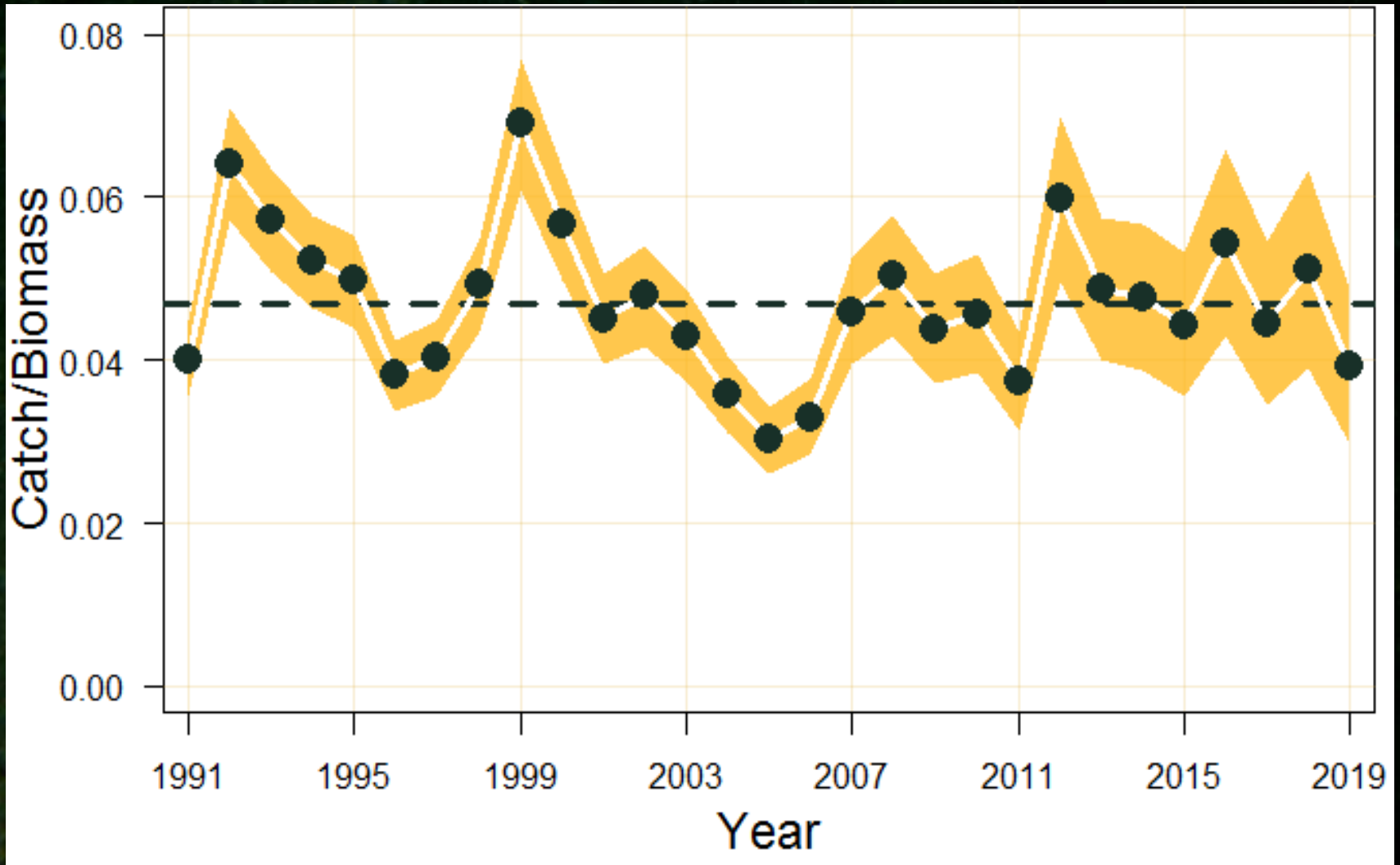


Dusky Rockfish



- Tier 3a species
 - Only update catches in projection model (Partial assessment year)
 - Updated 2018 and estimated 2019-2021 catches
- Catch update:
 - Updated 2018 catch (2,909 t)
 - 2019 catch through 9-28 was 2,192 t
 - Geostatistical model for computing survey biomass
- Recommended 2020 ABC: **3,676 t**
 - lower than 2019 ABC (3,700 t)

Dusky rockfish

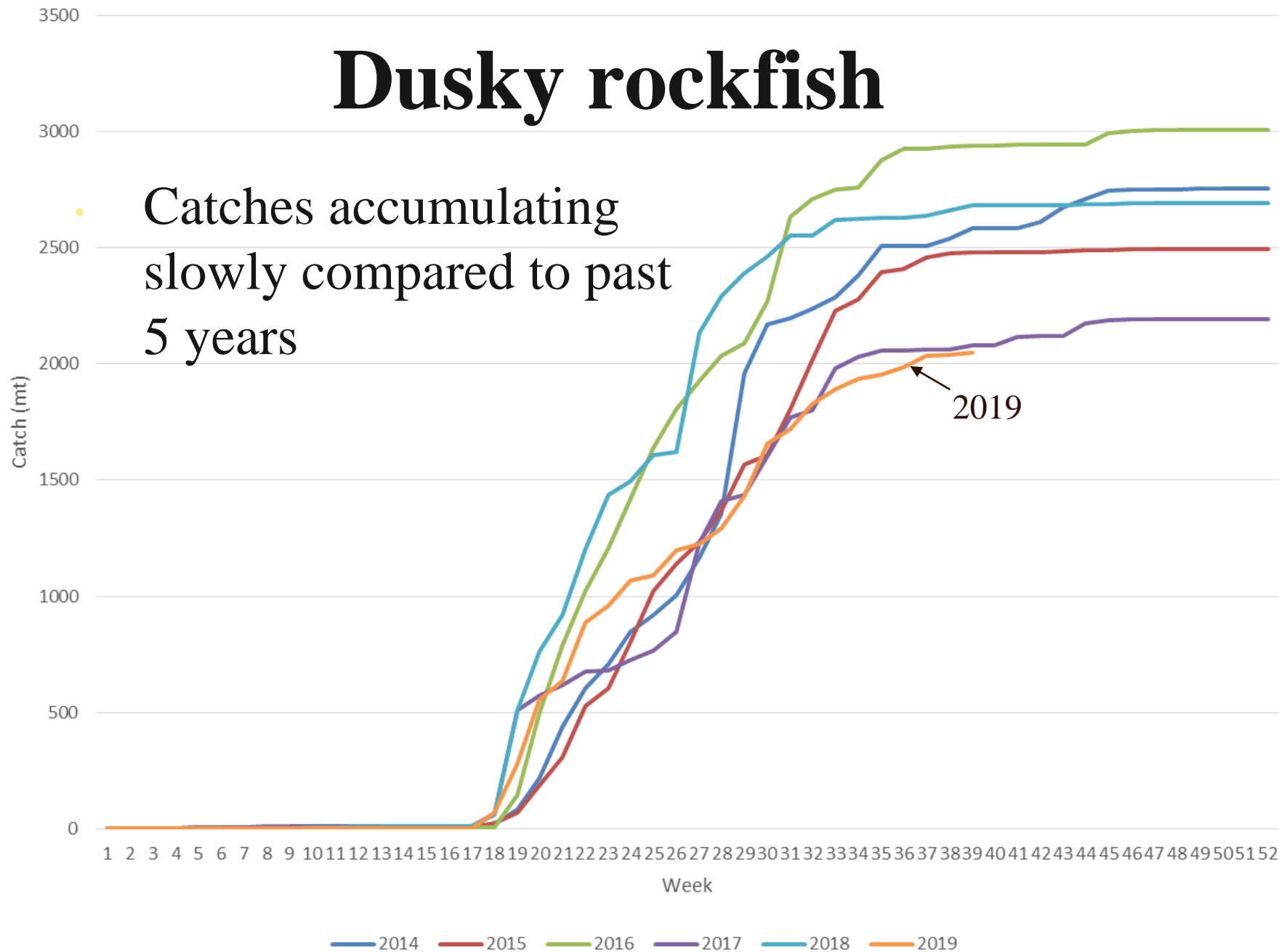


Dusky rockfish - Apportionment

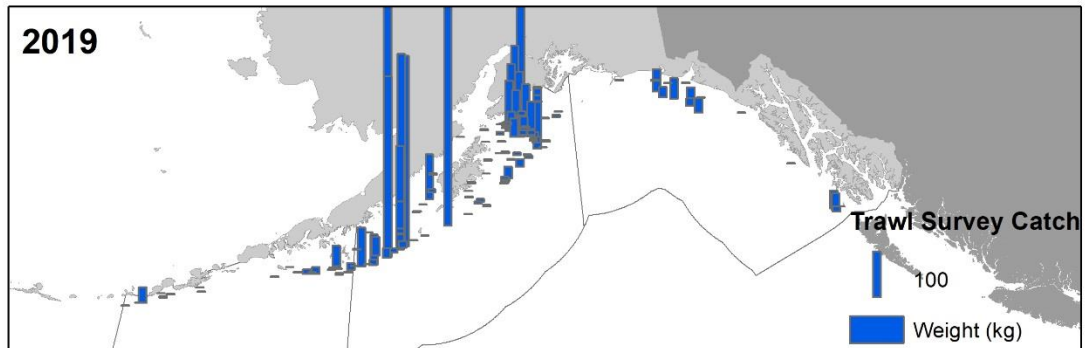
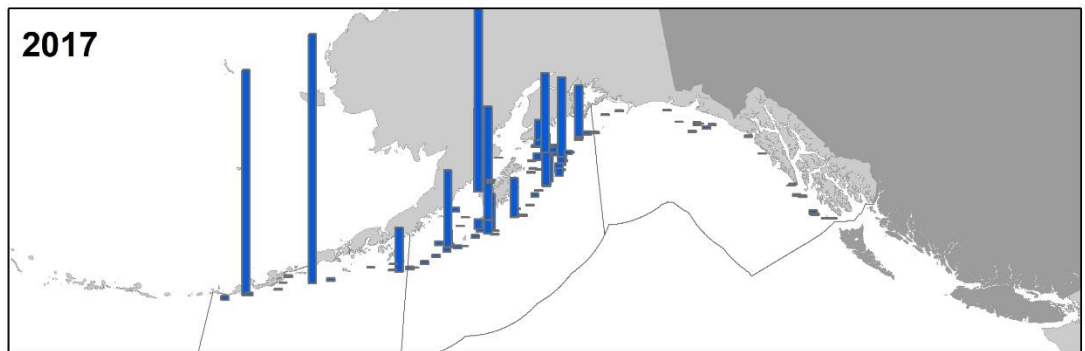
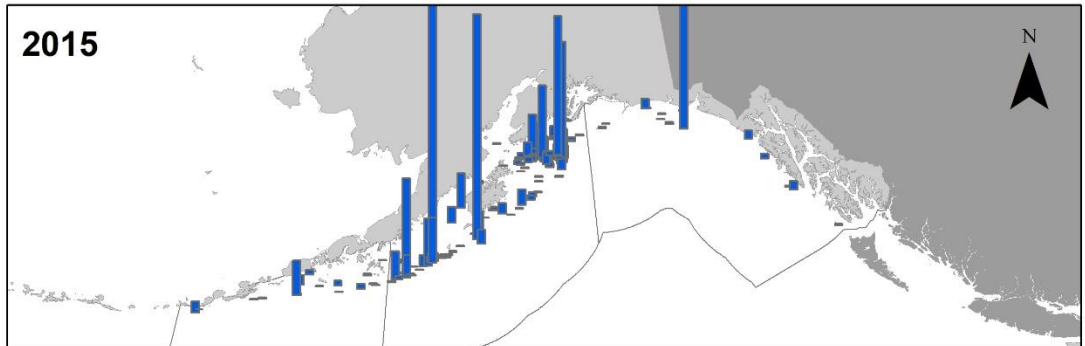
	Western	Central	Eastern	Total
2019 ABC	781	2,764	155	3,700
2020 ABC	776	2,746	154	3,676
2019 OFL				4,521
2020 OFL				4,492

Dusky rockfish

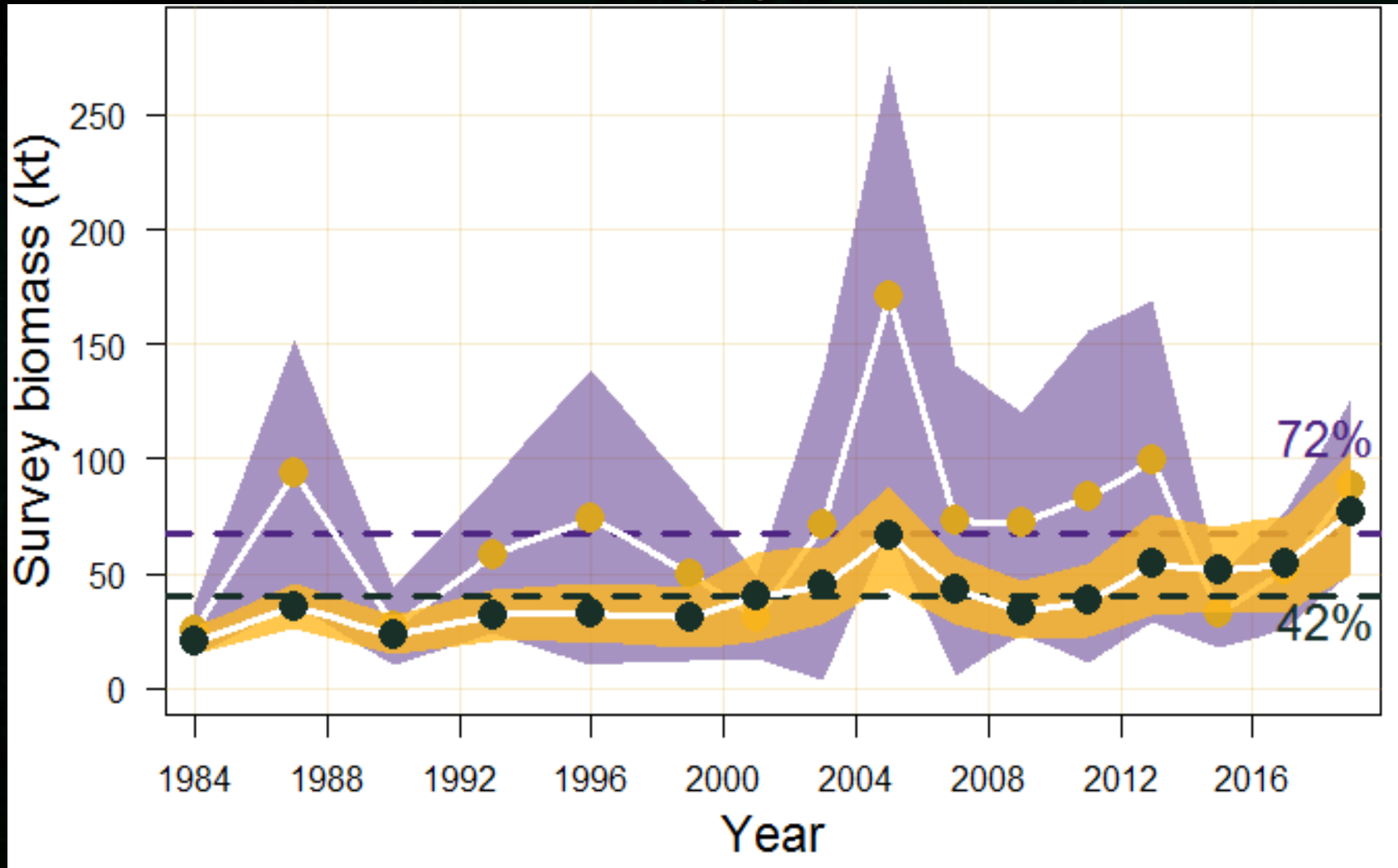
Catches accumulating slowly compared to past 5 years



2019 Trawl Survey - Dusky



Dusky rockfish – Abundance Index



Dusky rockfish - Summary

- Projecting a decrease in ABC through 2021
- Catches are below ABC for 2018, 2019;
Female spawning biomass is above B40
- Expect a full assessment using the 2019 trawl data for 2020
- Will continue using VAST for survey biomass estimator