

**NOAA
FISHERIES**

2025 Gulf of Alaska Biennial Bottom Trawl Survey Biomass trends

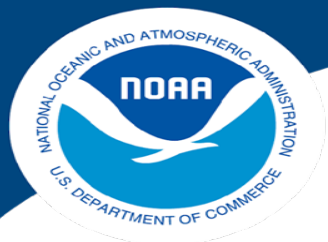


Adapted from GOA Groundfish Plan
Team presentation (Sept 2025)

& Additional information from AFSC (11/25/25)
(noted in slides)

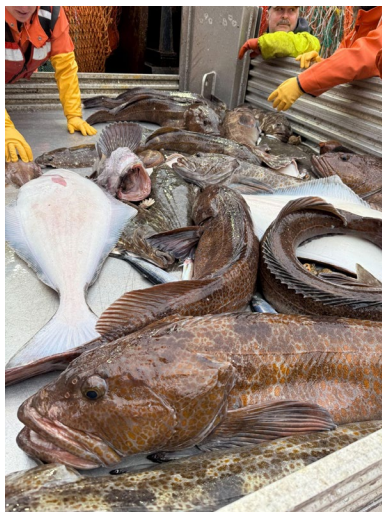


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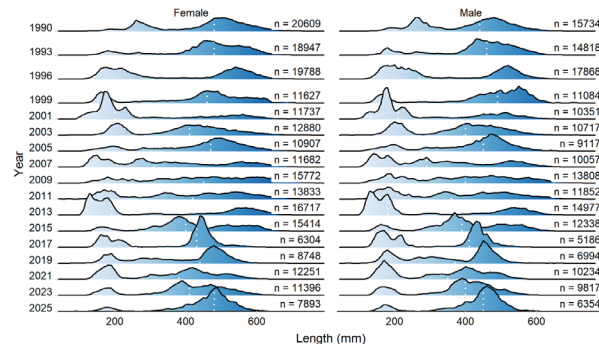
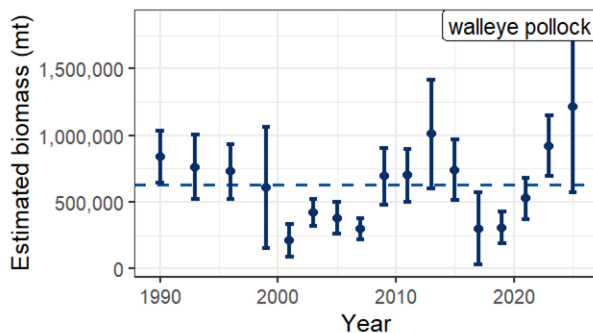
Thank you to: Zack Oyafuso, Margaret Siple,
Susanne McDermott, Ned Laman, Alexandra Dowlin,
and Bethany Riggle



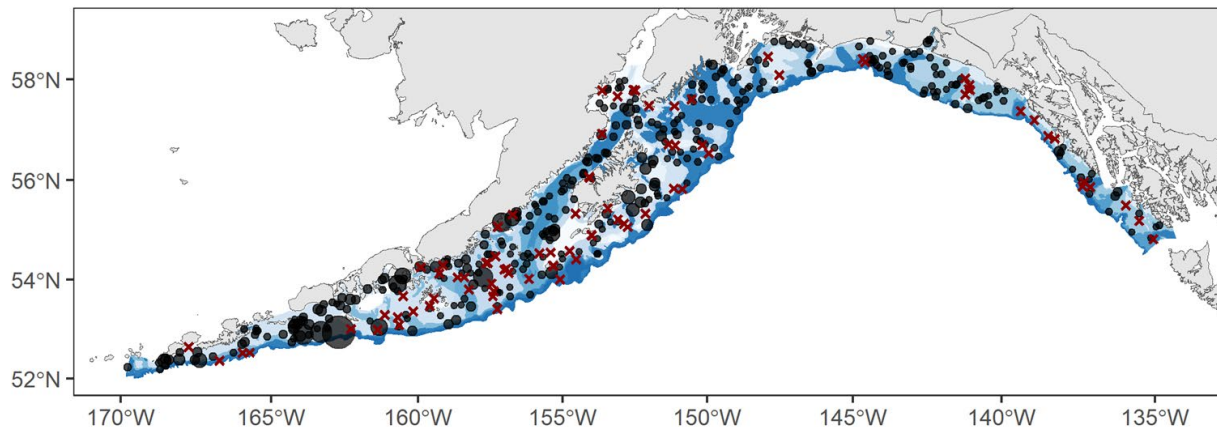
NOAA FISHERIES

Walleye pollock (*Gadus chalcogrammus*)

- Biomass estimate in 2025: ~1214000 mt
- +32.1% from 2023



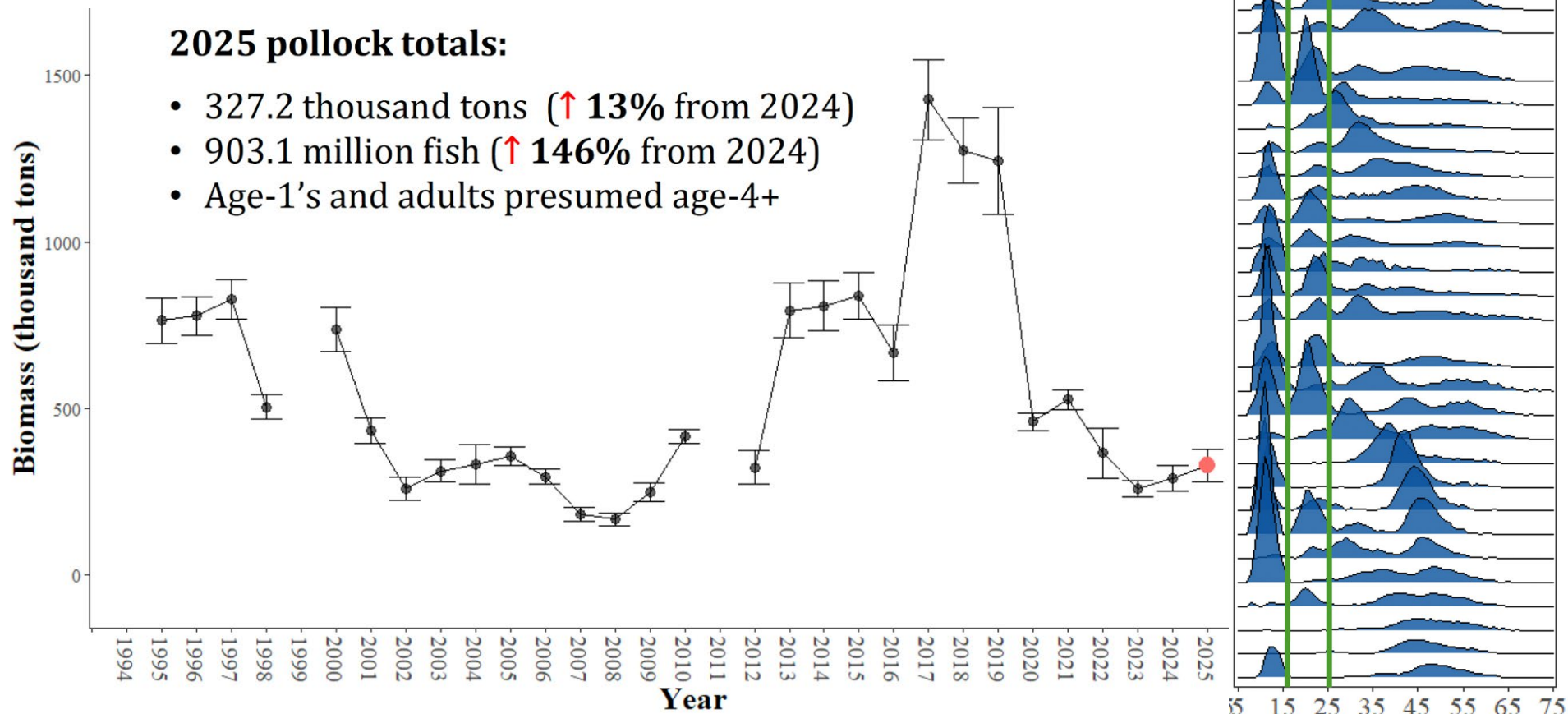
Walleye pollock (*Gadus chalcogrammus*)



Shelikof Strait winter survey, GOA Pollock

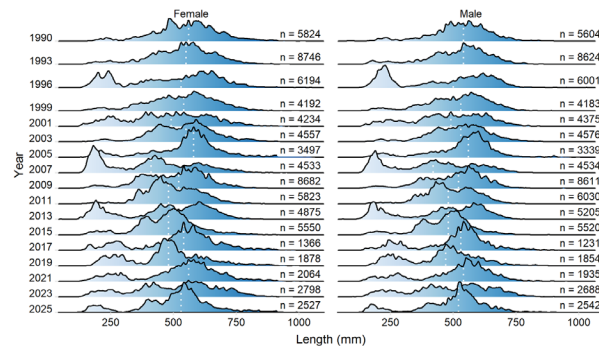
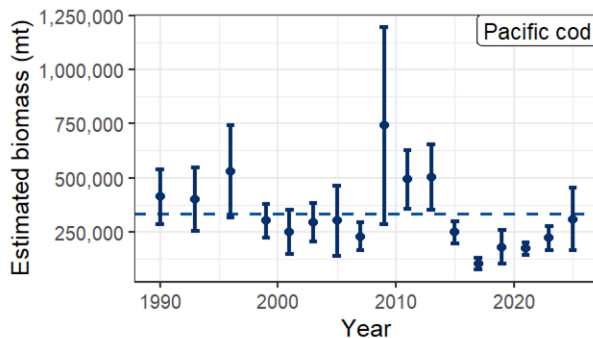
2025 pollock totals:

- 327.2 thousand tons (↑ 13% from 2024)
- 903.1 million fish (↑ 146% from 2024)
- Age-1's and adults presumed age-4+

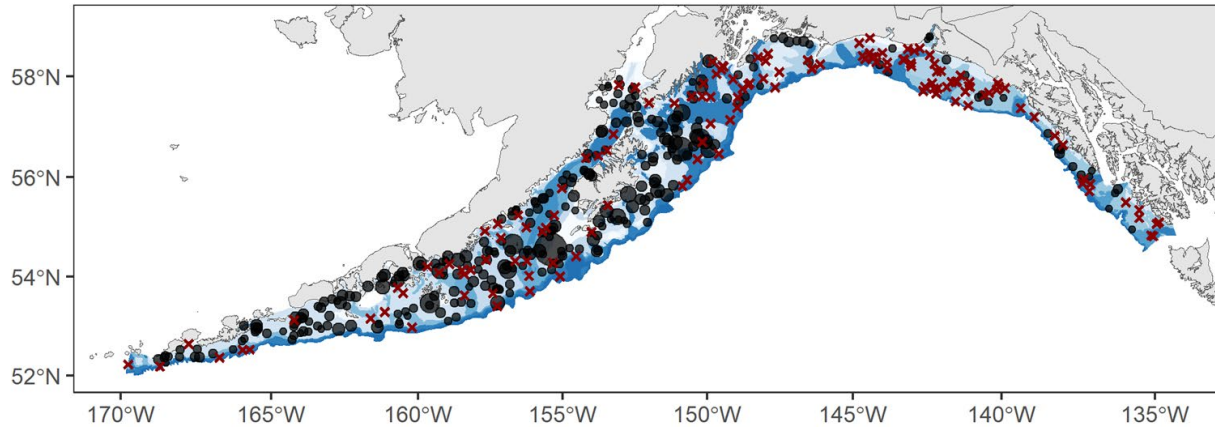


Pacific cod (*Gadus macrocephalus*)

- Biomass estimate in 2025: ~310000 mt
- +39.2% from 2023 

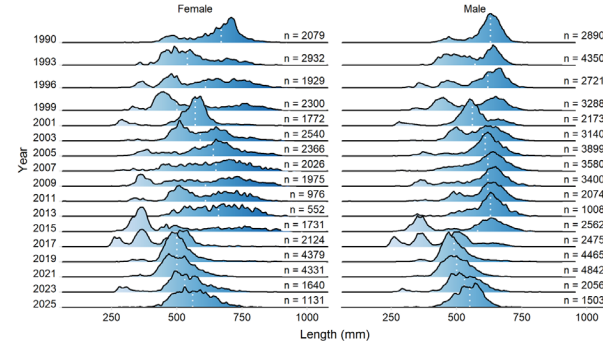
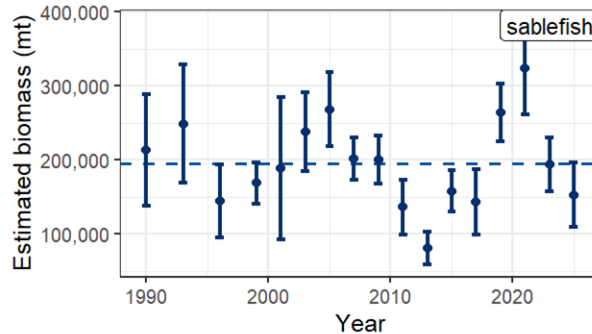


Pacific cod (*Gadus macrocephalus*)

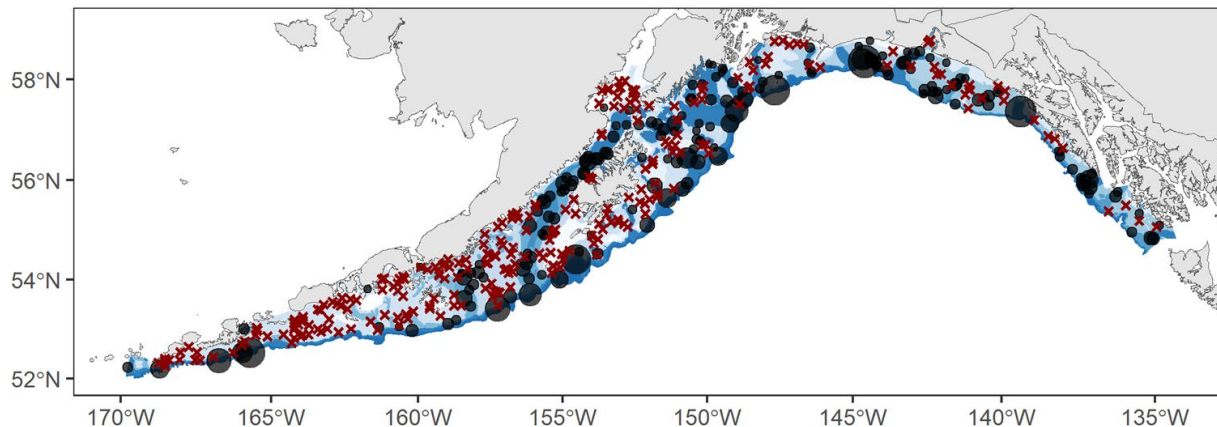


Sablefish (*Anoplopoma fimbria*)

- Biomass estimate in 2025: ~153000 mt
- -21.3% from 2023 ↓

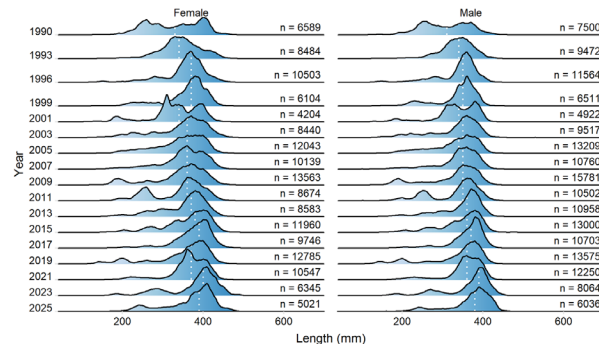
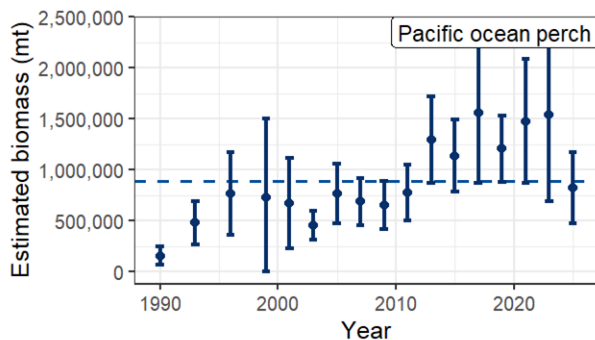


Sablefish (*Anoplopoma fimbria*)

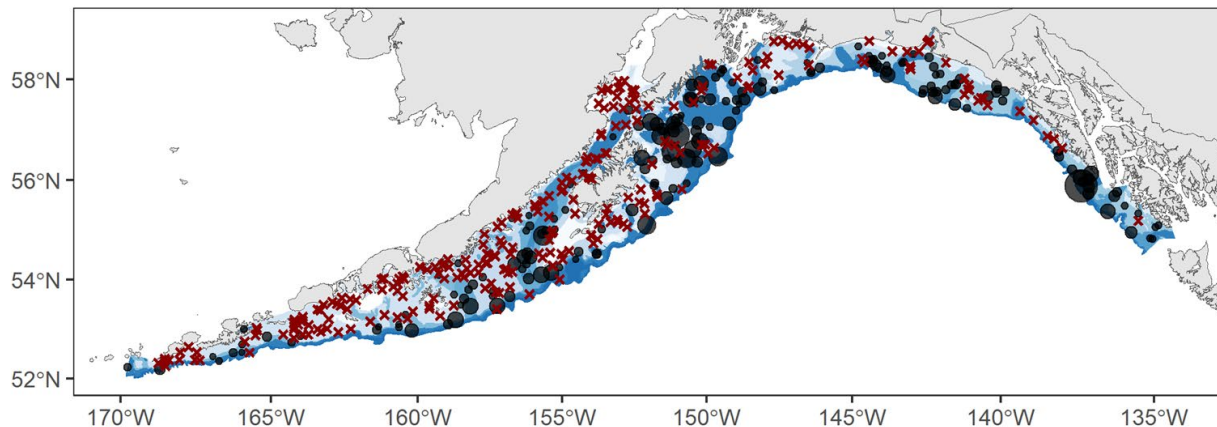


Pacific ocean perch (*Sebastes alutus*)

- Biomass estimate in 2025: ~824000 mt
- -46.4% from 2023 ↓

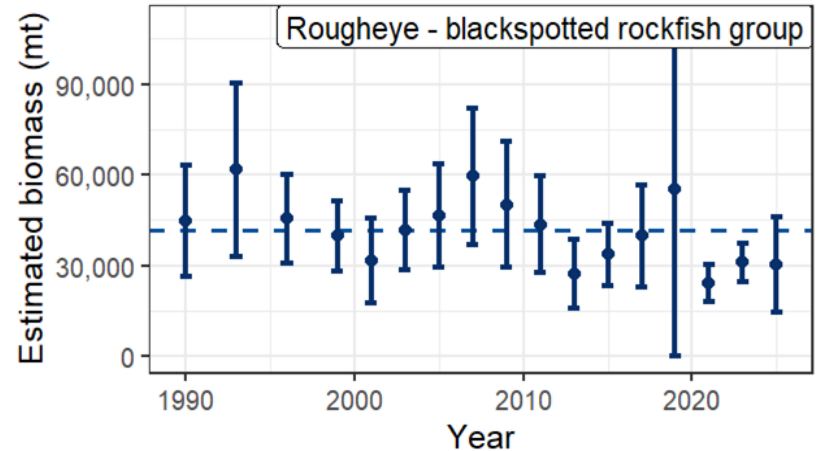


Pacific ocean perch (*Sebastes alutus*)

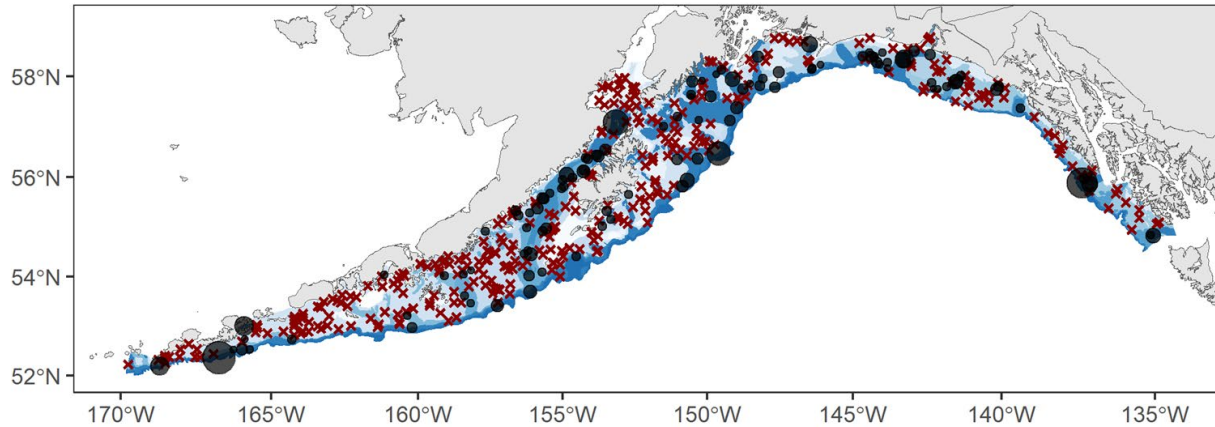


Rougheye - blackspotted rockfish (*Sebastes aleutianus* and *S. melanostictus*)

- Biomass estimate in 2025: ~30000 mt
- -2.3% from 2023

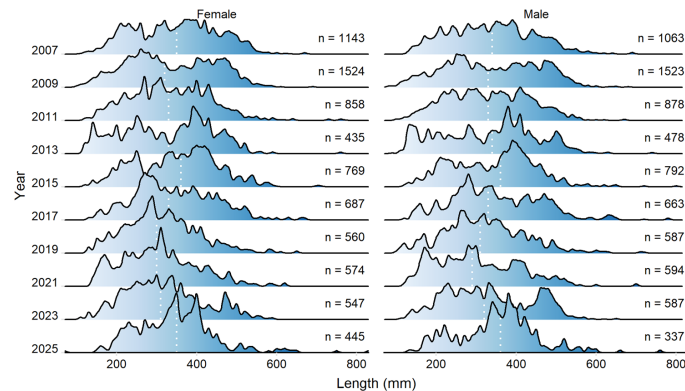
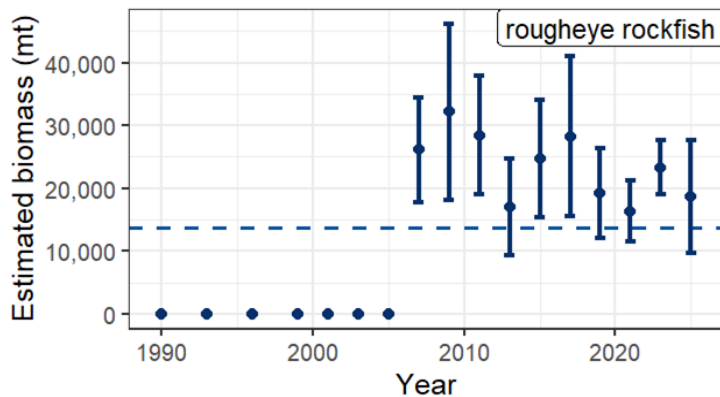


Rougheye - blackspotted rockfish (*Sebastes aleutianus* and *S. melanostictus*)

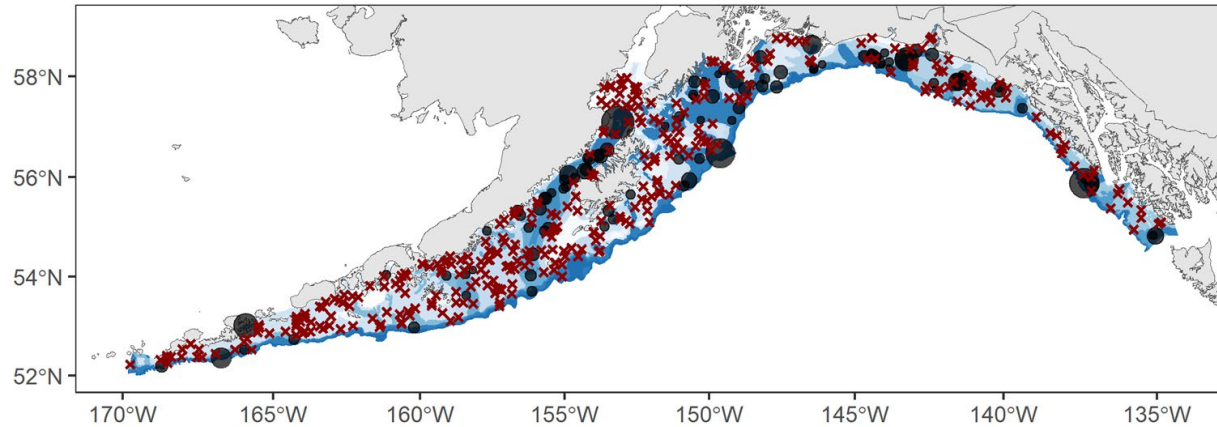


Rougheye rockfish (*Sebastes aleutianus*)

- Biomass estimate in 2025: ~19000 mt
- -20.1% from 2023 ↓

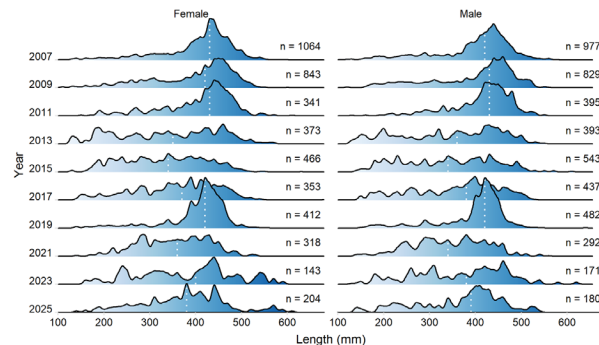
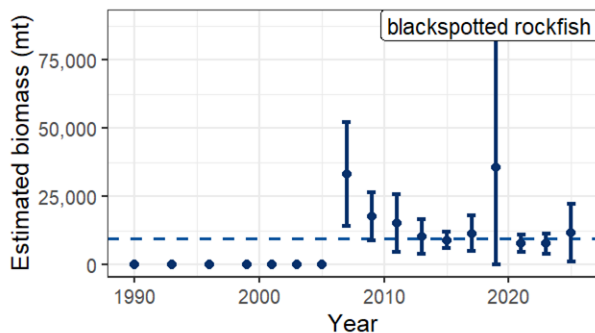


Rougheye rockfish (*Sebastes aleutianus*)

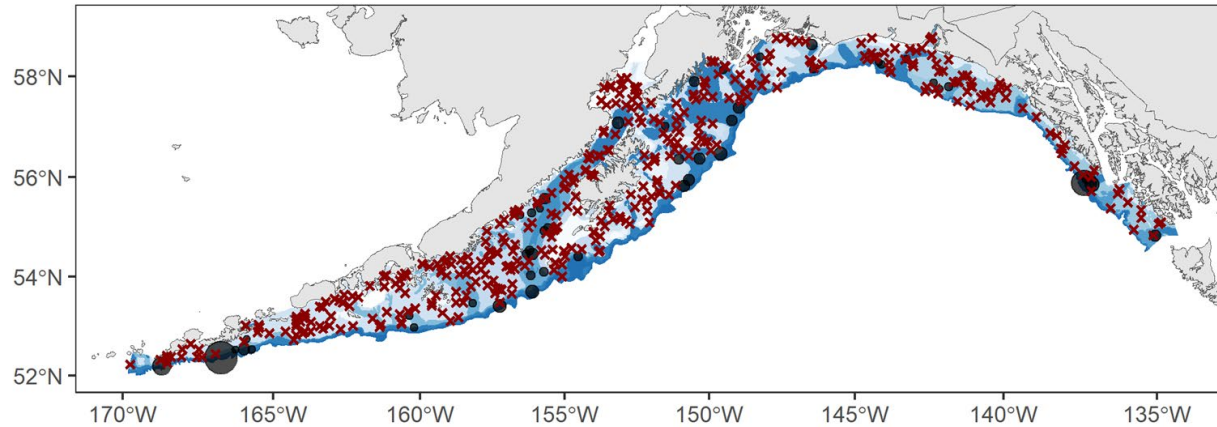


Blackspotted rockfish (*Sebastes melanostictus*)

- Biomass estimate in 2025: ~12000 mt
- +52.3% from 2023

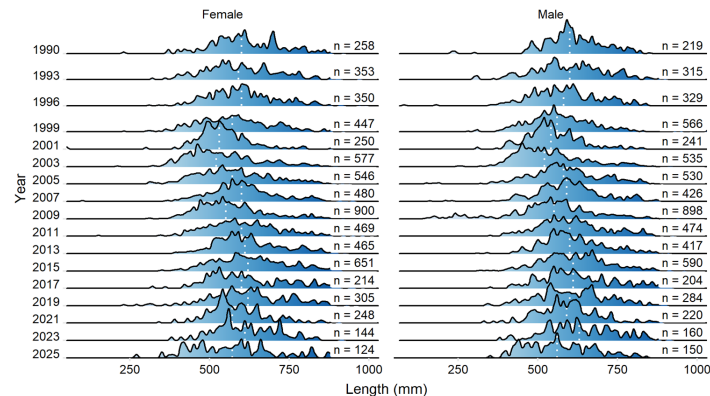
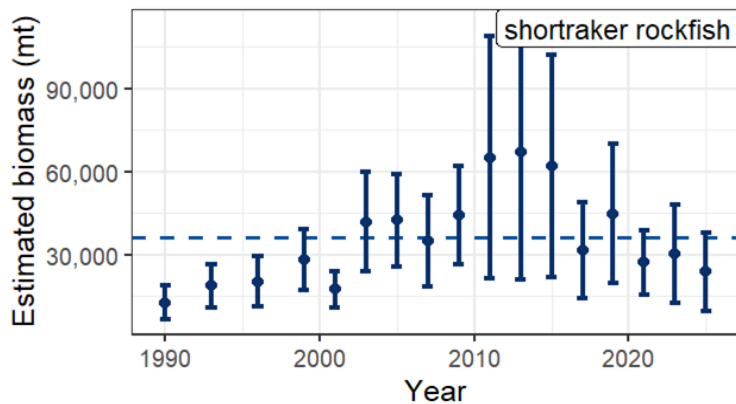


Blackspotted rockfish (*Sebastes melanostictus*)

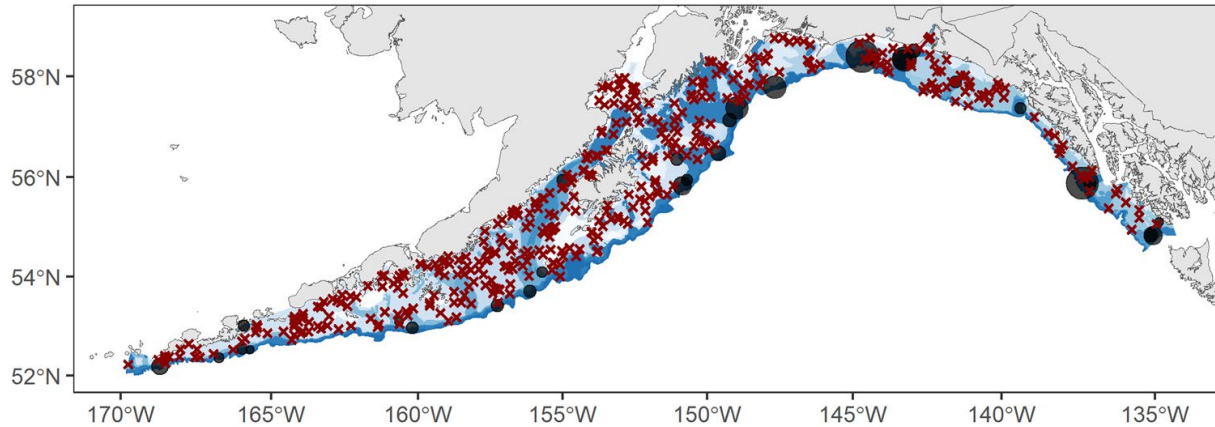


Shortraker rockfish (*Sebastes borealis*)

- Biomass estimate in 2025: ~24000 mt
- -21.2% from 2023 ↓

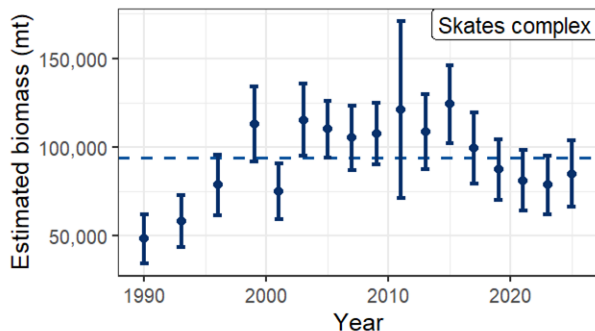


Shortraker rockfish (*Sebastes borealis*)



Skates complex (*various*)

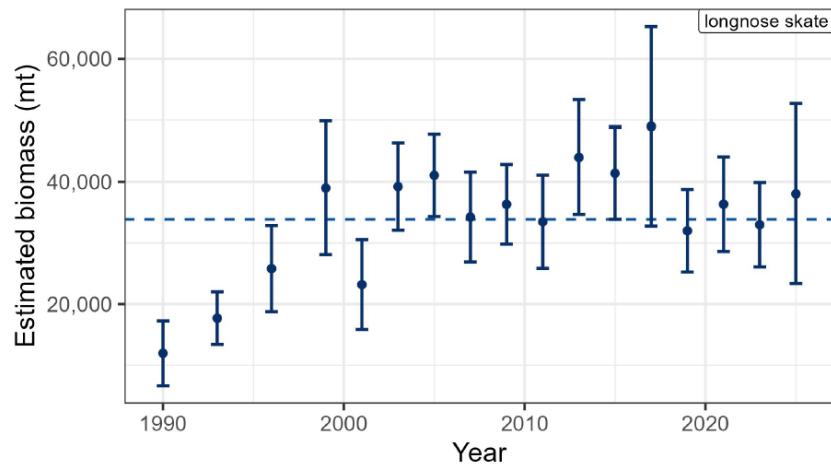
- Biomass estimate in 2025: ~85000 mt
- +8.0% from 2023 ↔



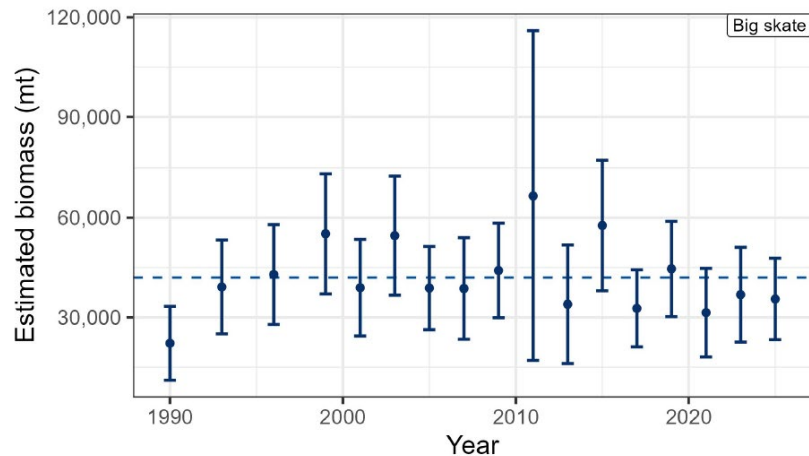
This complex includes:

longnose skate, big skate, Aleutian skate, Alaska skate, Bering skate, whiteblotched skate, mud skate, skate unid.*, deepsea skate*, roughtail skate*, commander skate*, butterfly skate*, whitebrow skate*

Longnose skate (*Raja rhina*)



Big skate (*Beringraja binoculata*)

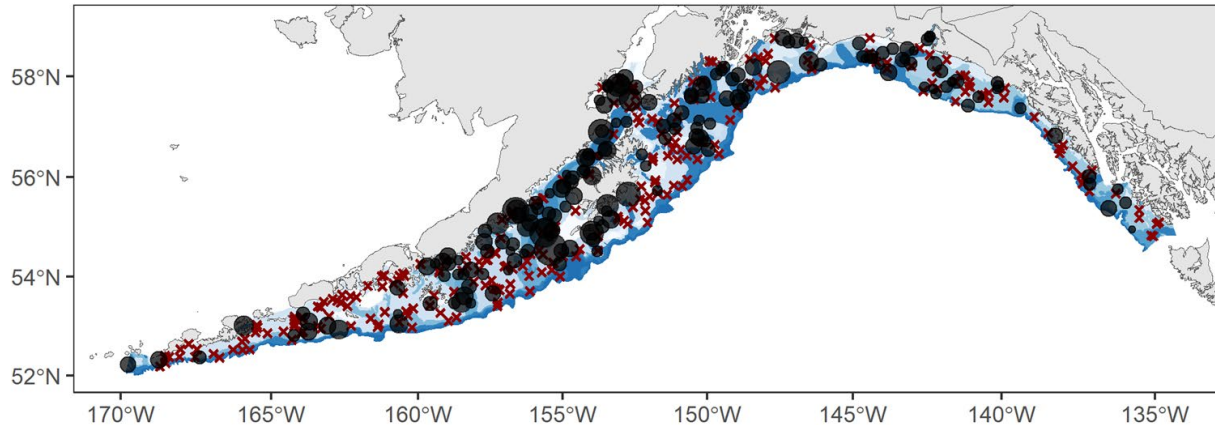


New info 11/25



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Skates complex (*various*)



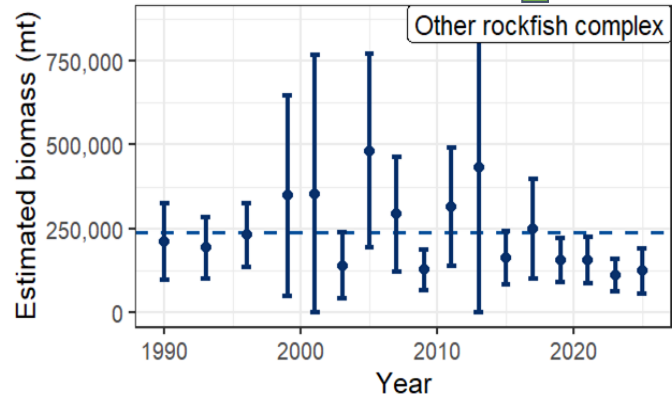
This complex includes:

longnose skate, big skate, Aleutian skate, Alaska skate, Bering skate, whiteblotched skate, mud skate, skate unid.*, deepsea skate*, roughtail skate*, commander skate*, butterfly skate*, whitebrow skate*

Other rockfish complex (*various*)

New info 11/25

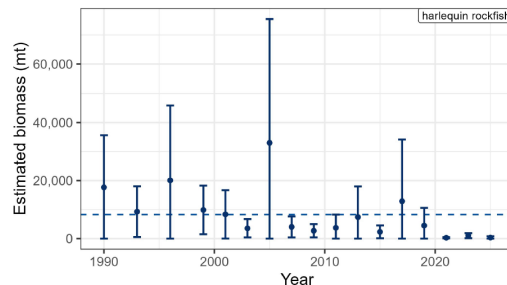
- Biomass estimate in 2025: ~123000 mt
- +11.6% from 2023



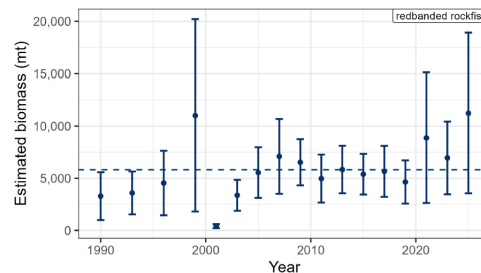
This complex includes:

silvergray rockfish, redstripe rockfish, sharpchin rockfish, northern rockfish, redbanded rockfish, greenstriped rockfish, harlequin rockfish, yellowtail rockfish, bocaccio, darkblotched rockfish, widow rockfish, yellowmouth rockfish, pygmy rockfish, stripetail rockfish*, aurora rockfish*, splitnose rockfish*, blackgill rockfish*, vermilion rockfish*

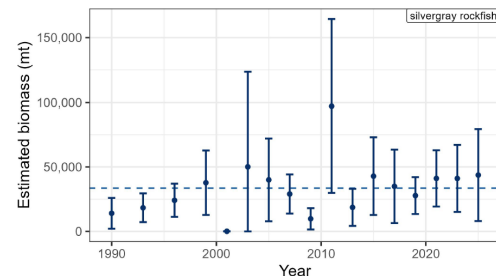
Harlequin rockfish (*Sebastes variegatus*)



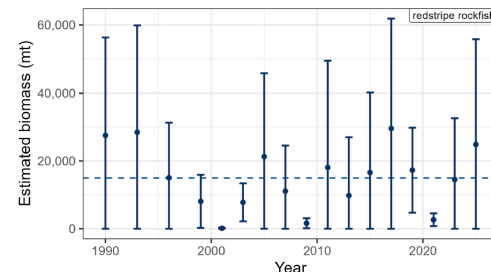
Redbanded rockfish (*Sebastes babcocki*)



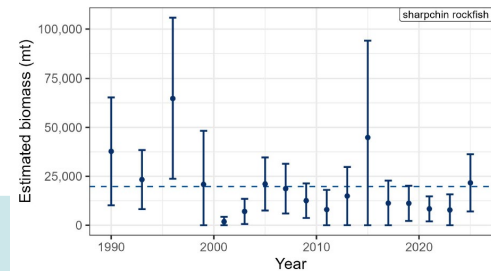
Silvergray rockfish (*Sebastes brevispinis*)



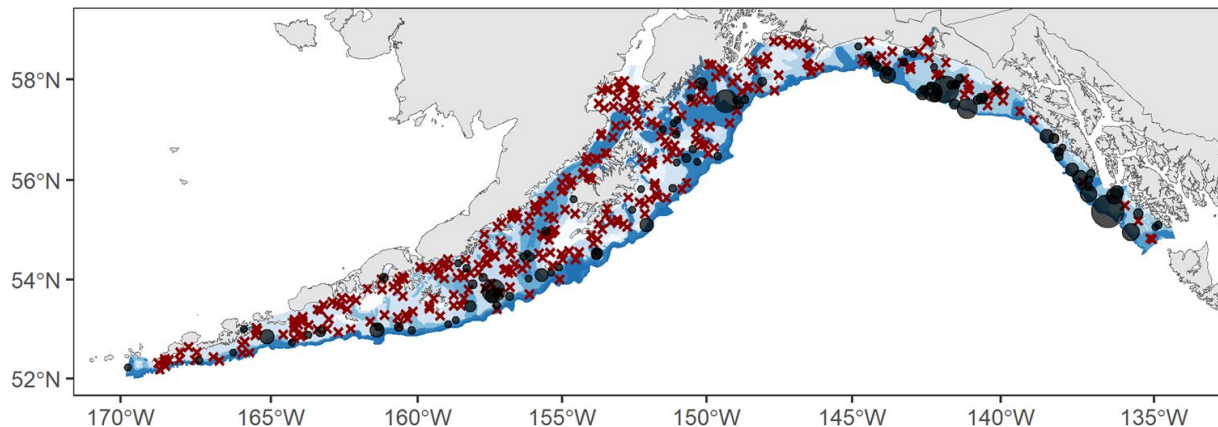
Redstripe rockfish (*Sebastes proriger*)



Sharpchin rockfish (*Sebastes zacentrus*)



Other rockfish complex (*various*)

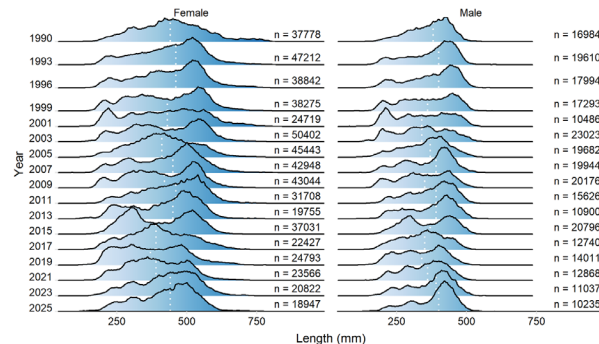
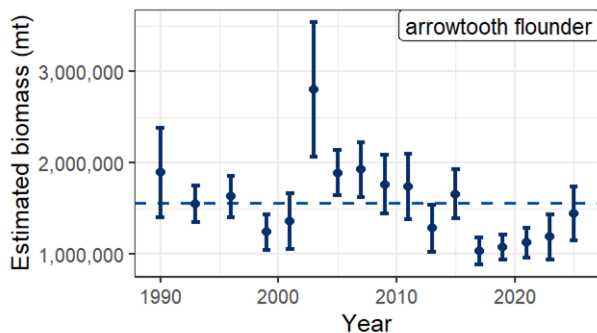


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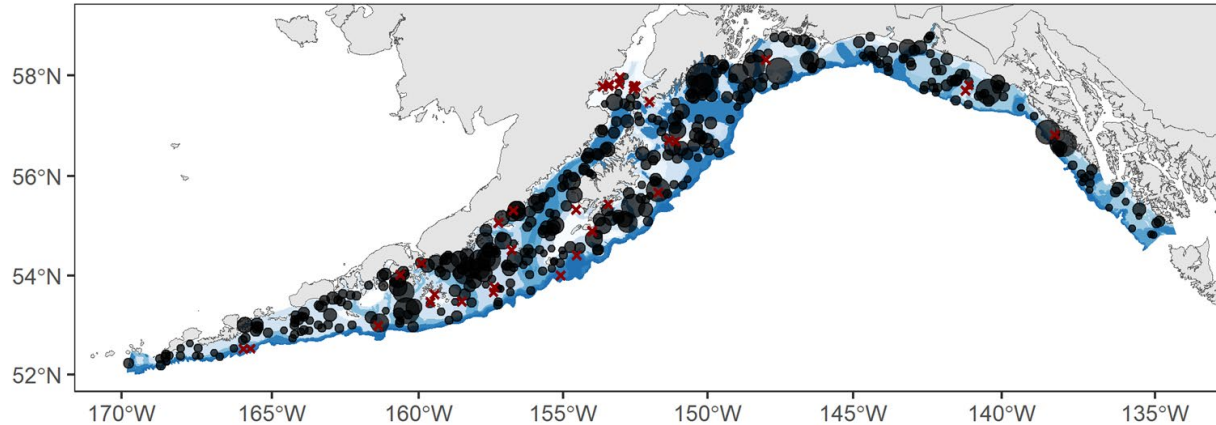
silvergray rockfish, redstripe rockfish, sharpchin rockfish, northern rockfish, redbanded rockfish, greenstriped rockfish, harlequin rockfish, yellowtail rockfish, bocaccio, darkblotched rockfish, widow rockfish, yellowmouth rockfish, pygmy rockfish, stripetail rockfish*, aurora rockfish*, splitnose rockfish*, blackgill rockfish*, vermillion rockfish*

Arrowtooth flounder (*Atheresthes stomias*)

- Biomass estimate in 2025: ~1443000 mt
- +21.8% from 2023 

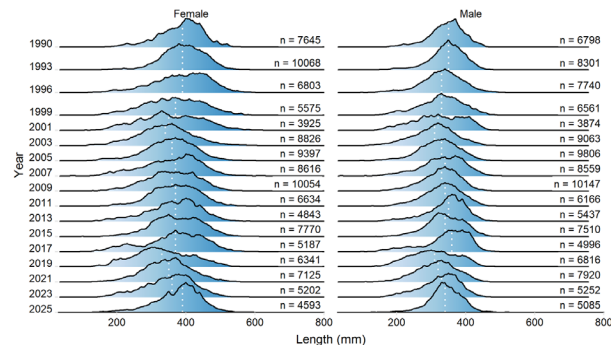
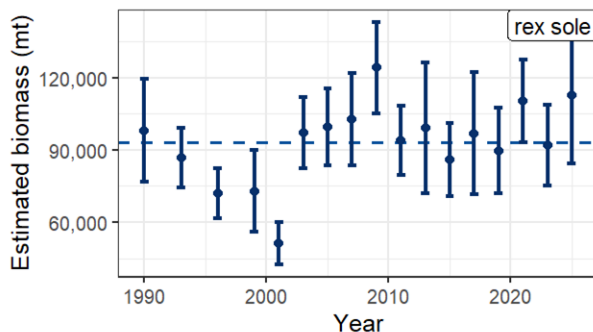


Arrowtooth flounder (*Atheresthes stomias*)

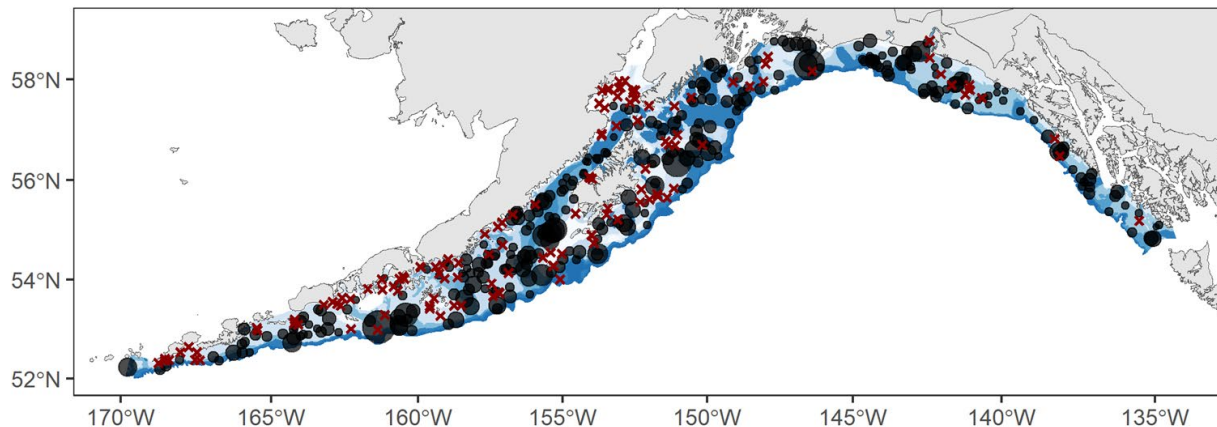


Rex sole (*Glyptocephalus zachirus*)

- Biomass estimate in 2025: ~113000 mt
- +22.6% from 2023 

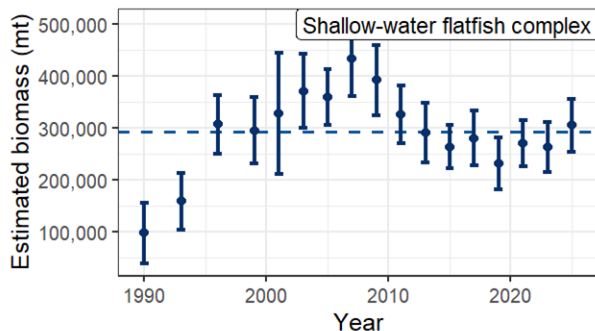


Rex sole (*Glyptocephalus zachirus*)



Shallow-water flatfish complex (*various*)

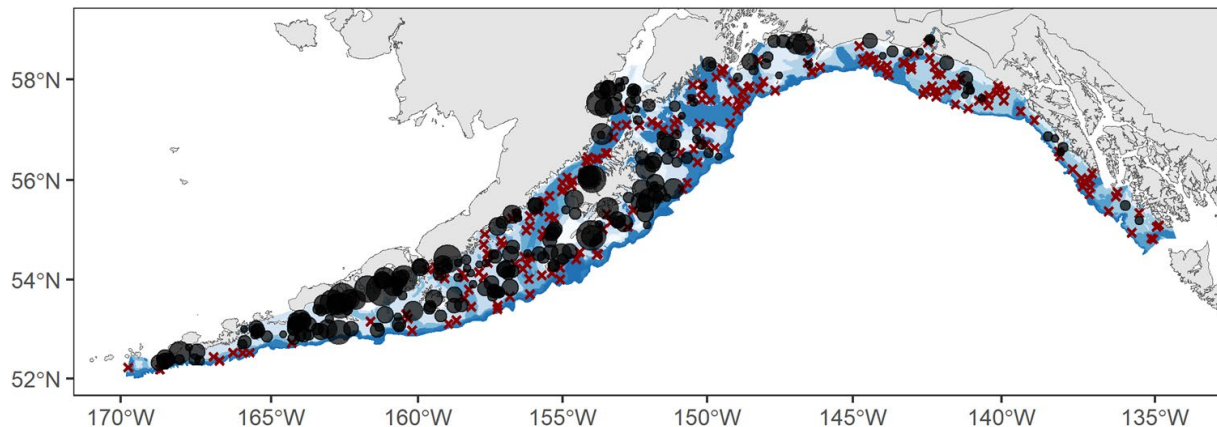
- Biomass estimate in 2025: ~305000 mt
- +15.9% from 2023 



This complex includes:

southern rock sole, English sole, starry flounder, northern rock sole, yellowfin sole, butter sole, Alaska plaice, sand sole

Shallow-water flatfish complex (*various*)

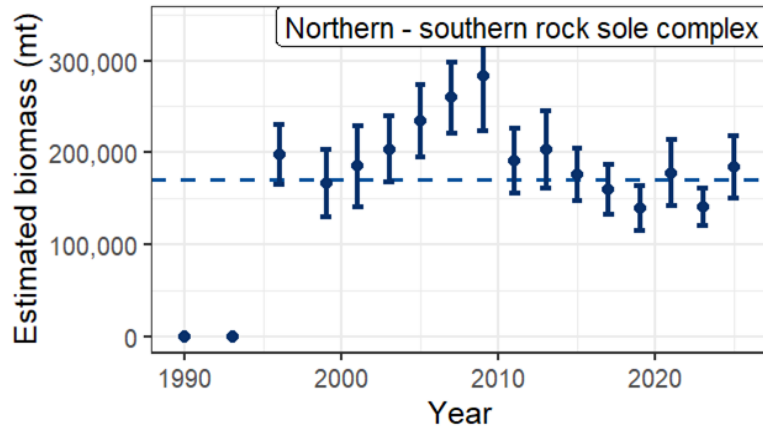


This complex includes:

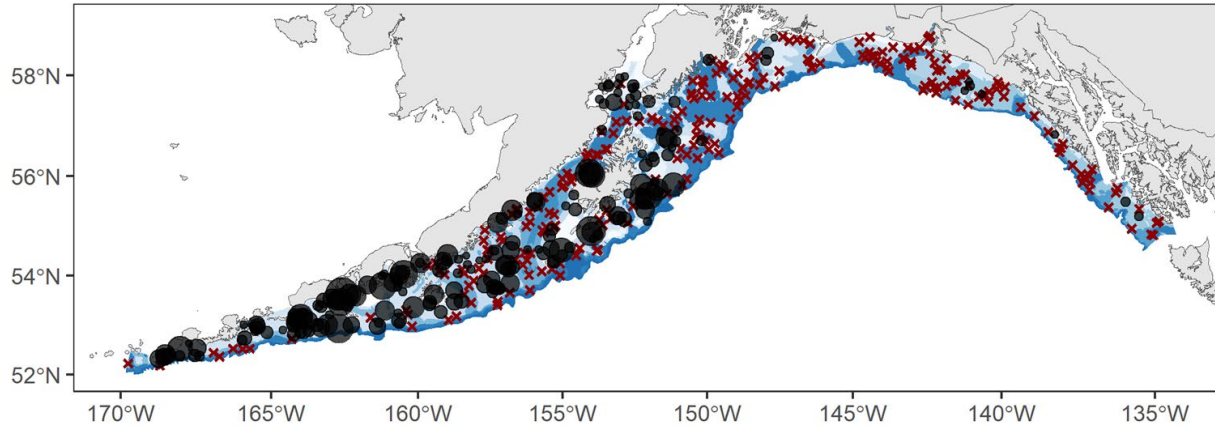
southern rock sole, English sole, starry flounder, northern rock sole, yellowfin sole, butter sole, Alaska plaice, sand sole

Northern - southern rock sole complex (*Lepidopsetta polyxystra* and *L. bilineata*)

- Biomass estimate in 2025: ~184000 mt
- +30.8% from 2023 ↑

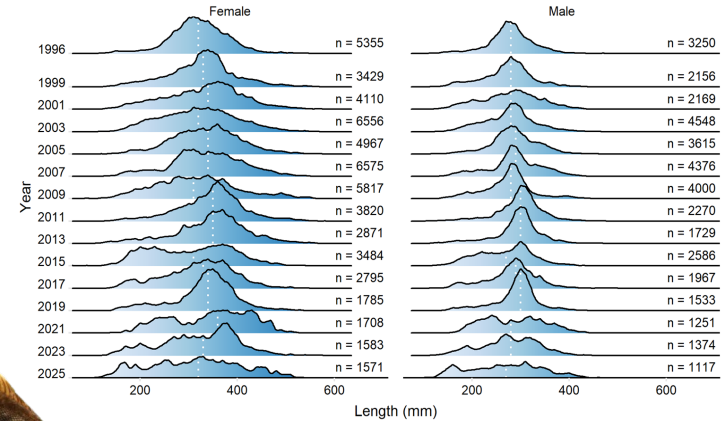
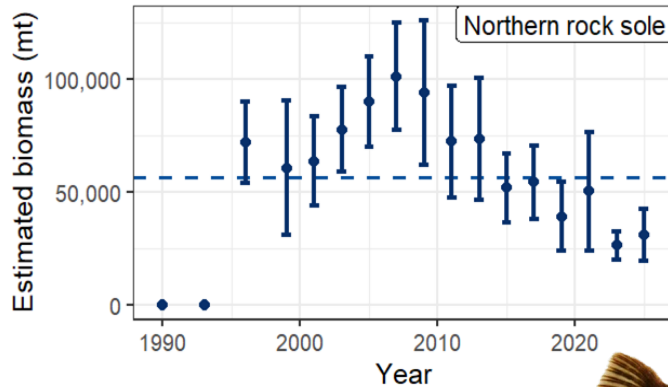


Northern - southern rock sole complex (*Lepidopsetta polyxystra* and *L. bilineata*)

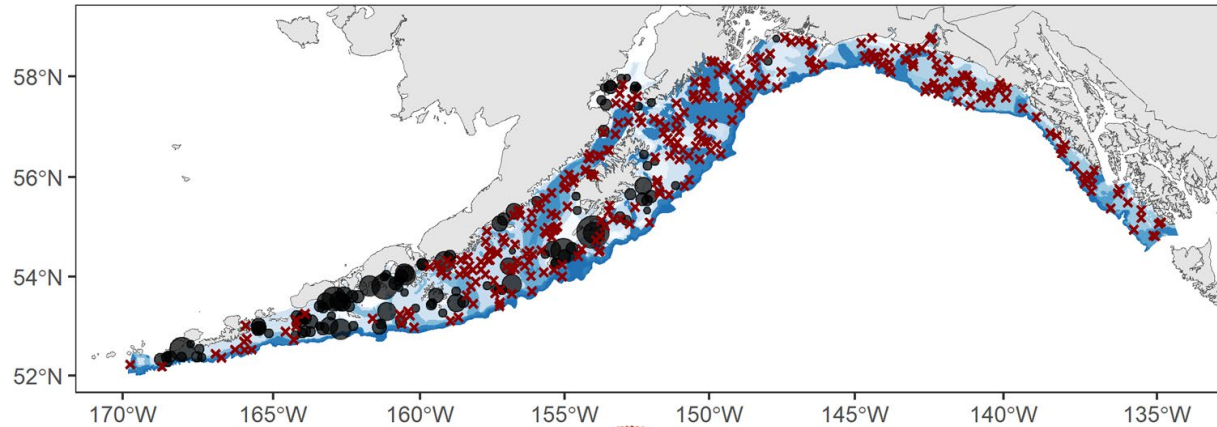


Northern rock sole (*Lepidopsetta polyxystra*)

- Biomass estimate in 2025: ~31000 mt
- +17.6% from 2023 

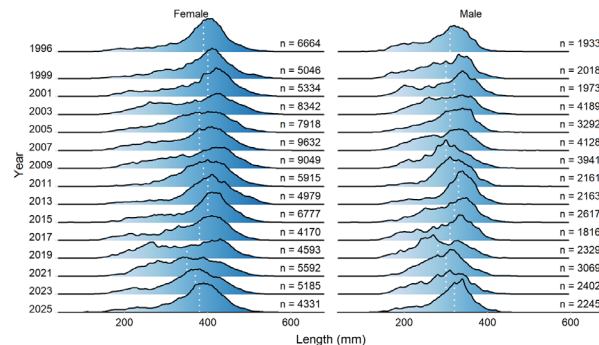
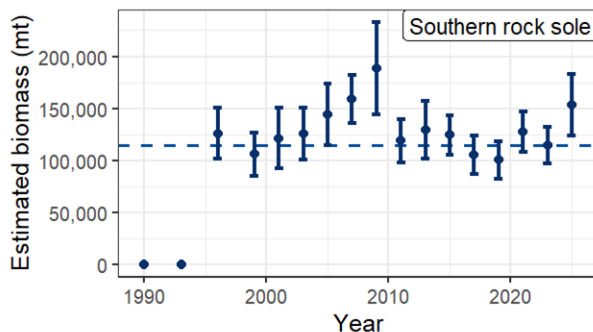


Northern rock sole (*Lepidopsetta polyxystra*)

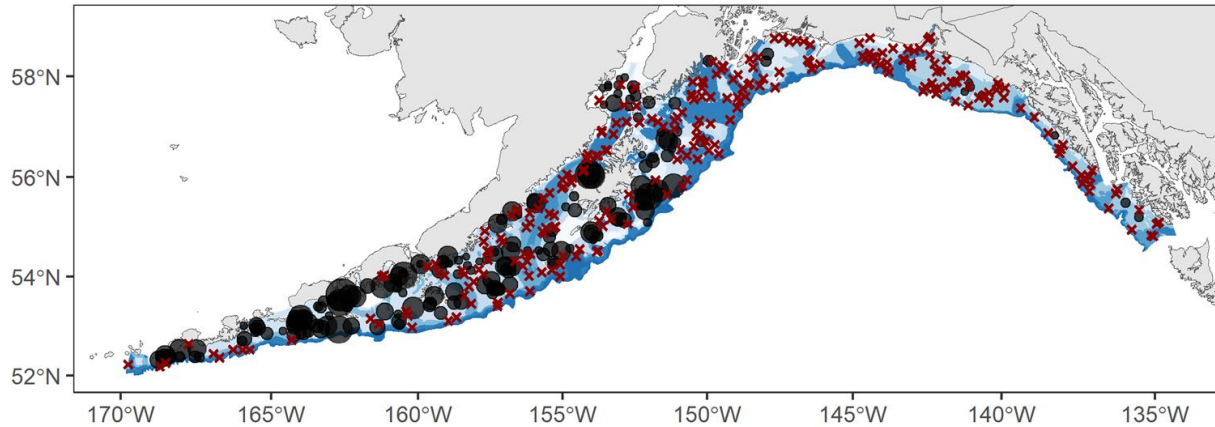


Southern rock sole (*Lepidopsetta bilineata*)

- Biomass estimate in 2025: ~153000 mt
- +33.9% from 2023 

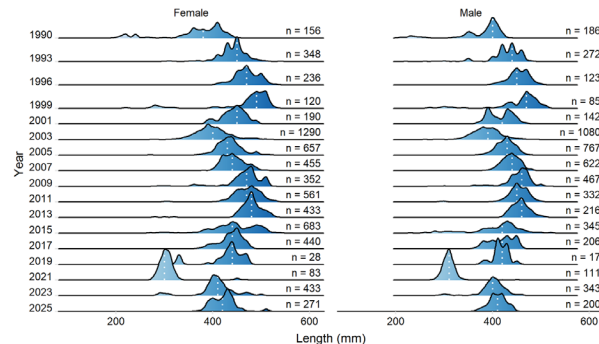
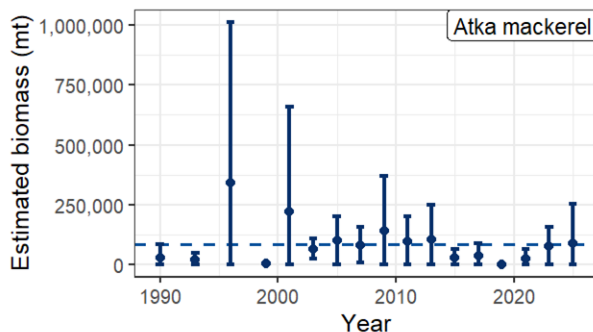


Southern rock sole (*Lepidopsetta bilineata*)

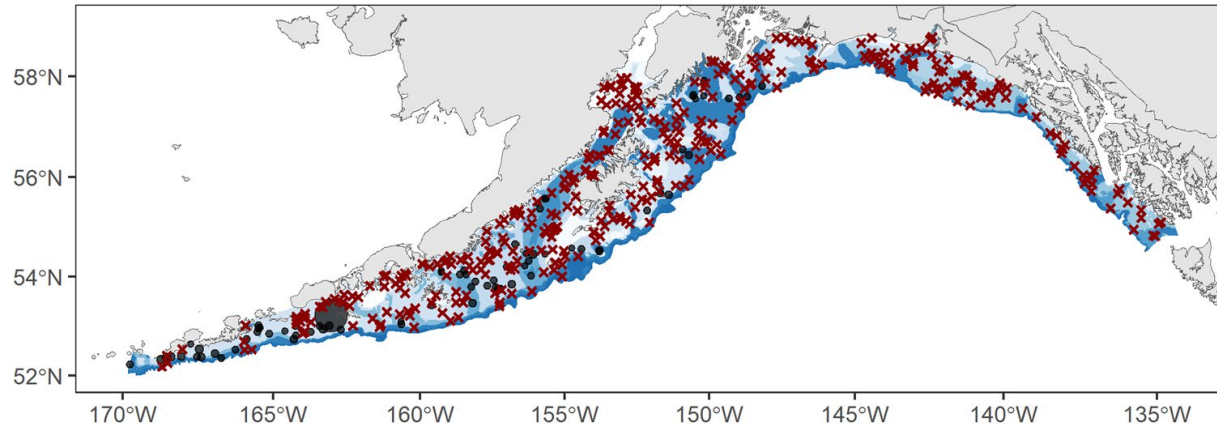


Atka mackerel (*Pleurogrammus monopterygius*)

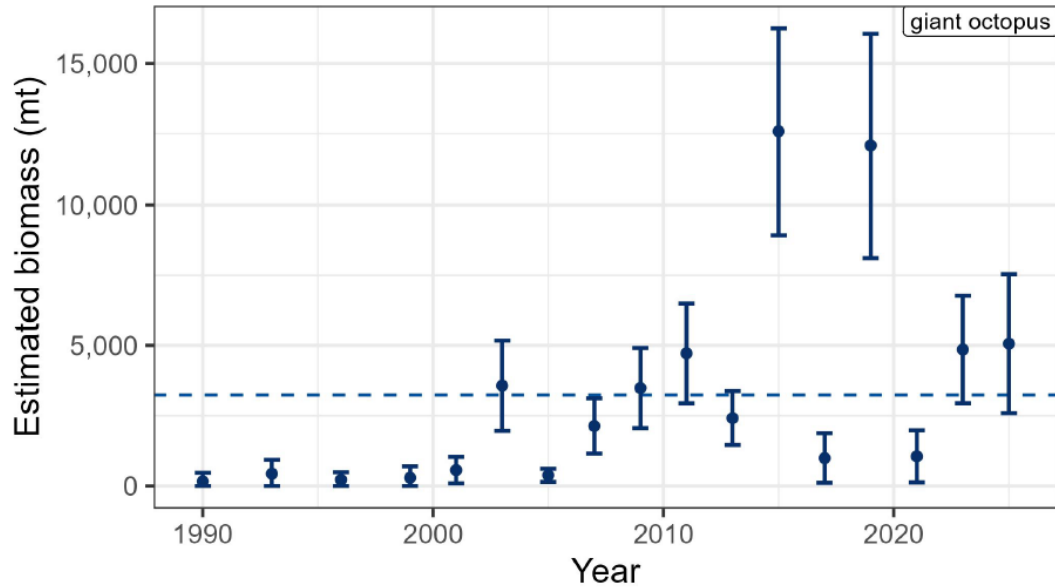
- Biomass estimate in 2025: ~89000 mt
- +16.3% from 2023 



Atka mackerel (*Pleurogrammus monopterygius*)



Giant octopus (*Enteroctopus dofleini*)



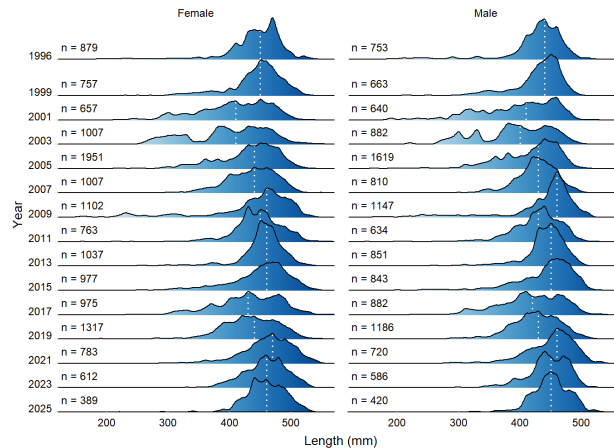
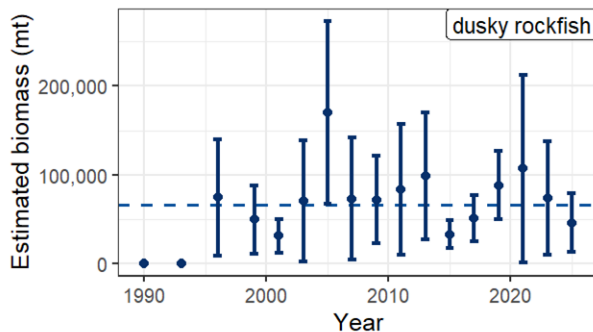
New info 11/25



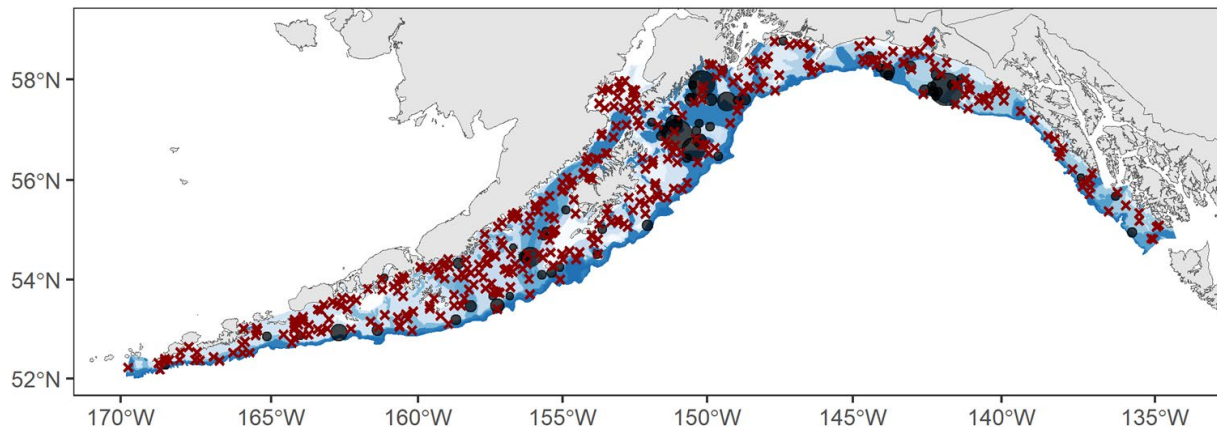
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Dusky rockfish (*Sebastes variabilis*)

- Biomass estimate in 2025: ~46000 mt
- -37.5% from 2023 ↓

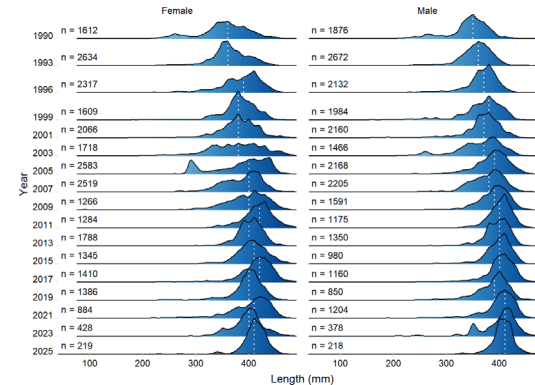
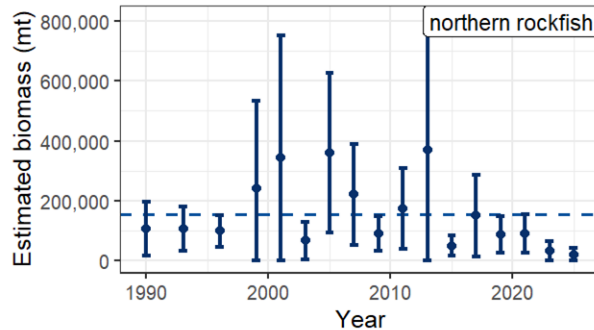


Dusky rockfish (*Sebastes variabilis*)

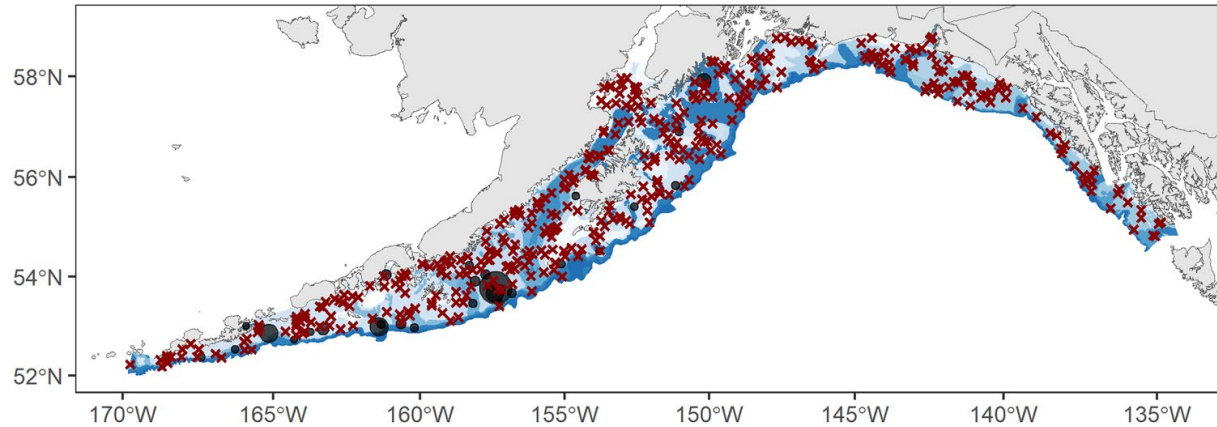


Northern rockfish (*Sebastes polyspinis*)

- Biomass estimate in 2025: ~20000 mt
- -38.1% from 2023↓

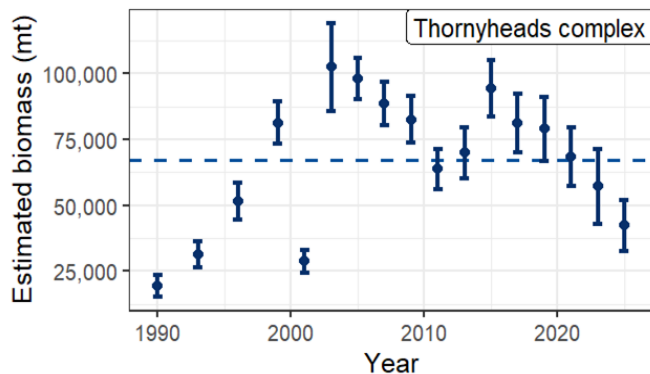


Northern rockfish (*Sebastes polyspinis*)

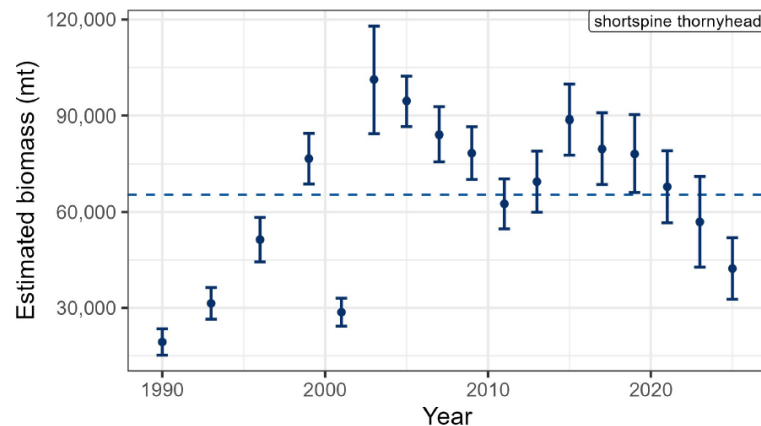


Thornyheads complex

- Biomass estimate in 2025: ~42000 mt
- -25.9% from 2023



Shortspine thornyhead (*Sebastolobus alascanus*)



New info 11/25

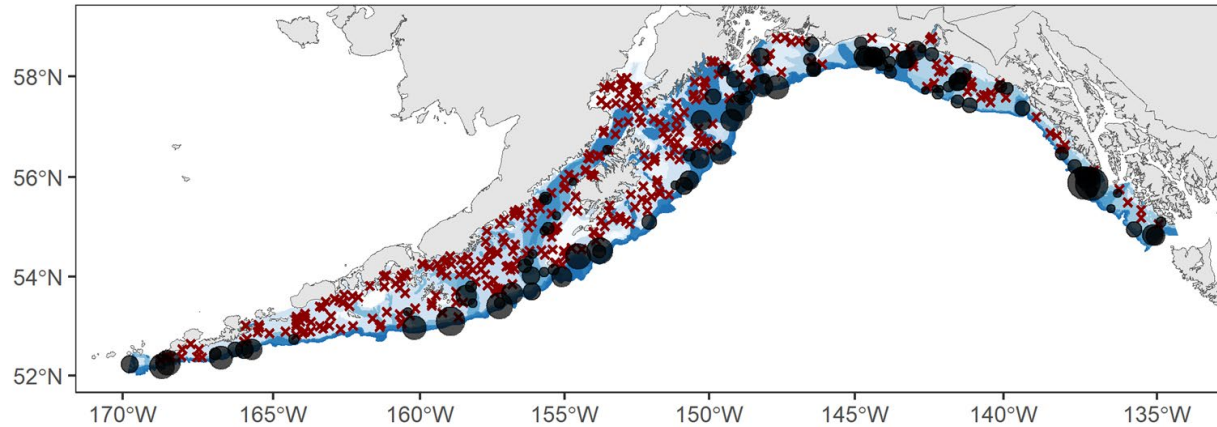
This complex includes:

shortspine thornyhead, broadfin thornyhead*, longspine thornyhead*



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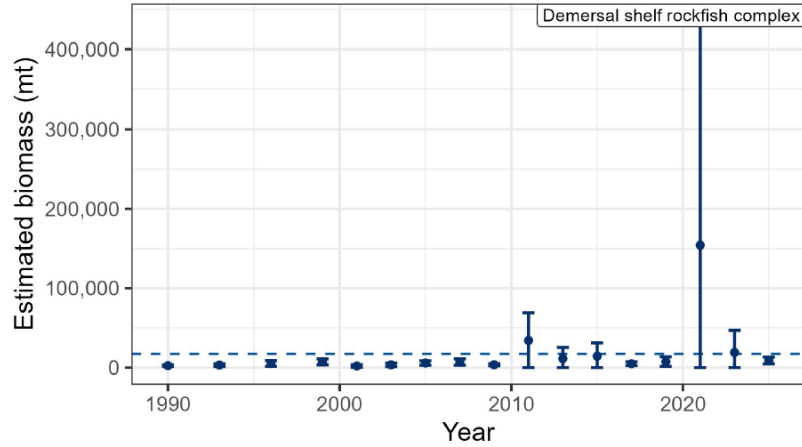
Thornyheads complex



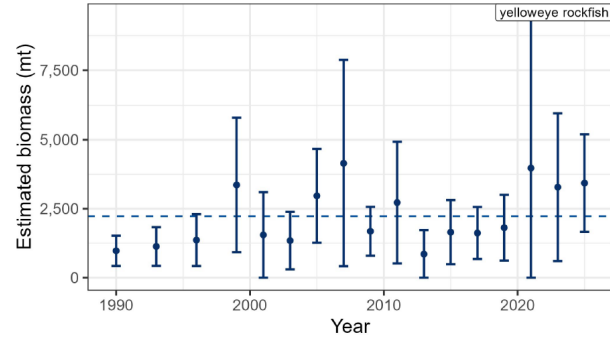
This complex includes:

shortspine thornyhead, broadfin thornyhead*, longspine thornyhead*

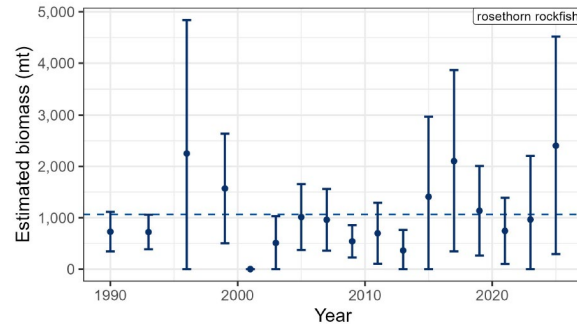
Demersal shelf rockfish complex (*various*)



Yelloweye rockfish (*Sebastes ruberrimus*)



Rosethorn rockfish (*Sebastes helvomaculatus*)



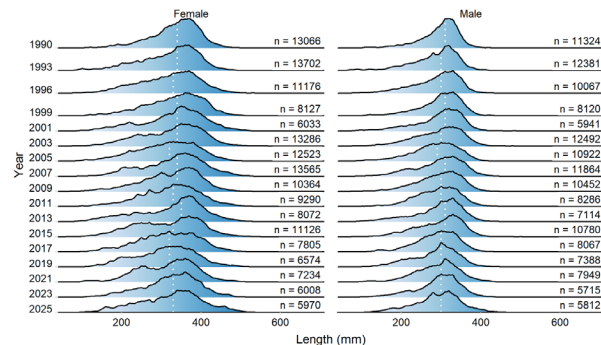
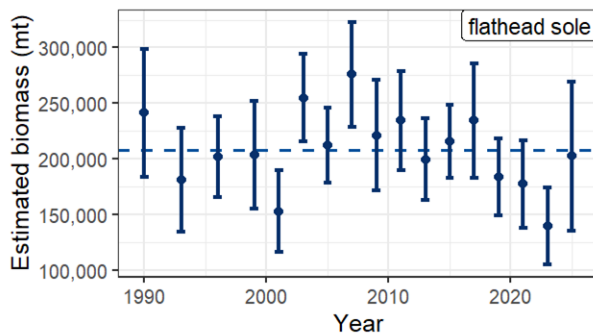
New info 11/25



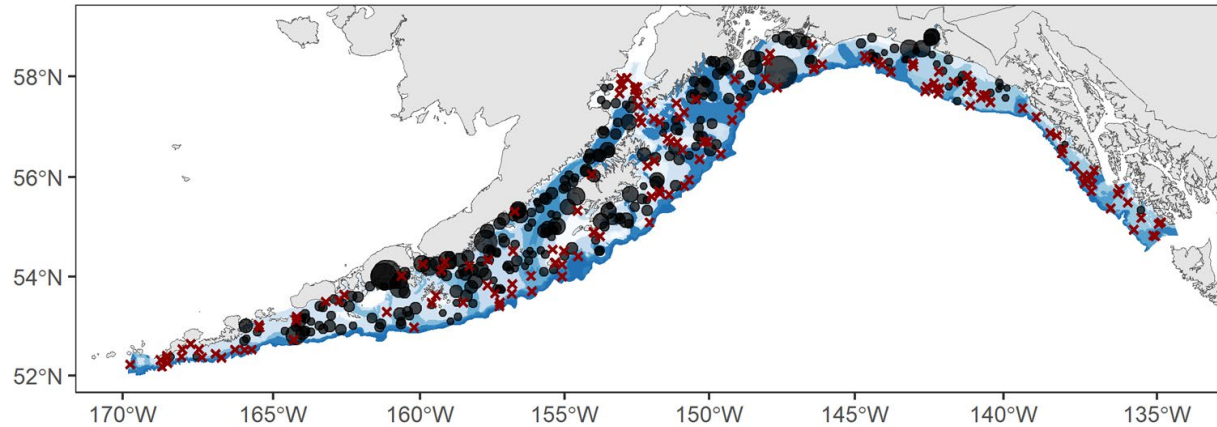
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Flathead sole (*Hippoglossoides elassodon*)

- Biomass estimate in 2025: ~203000 mt
- +44.7% from 2023 

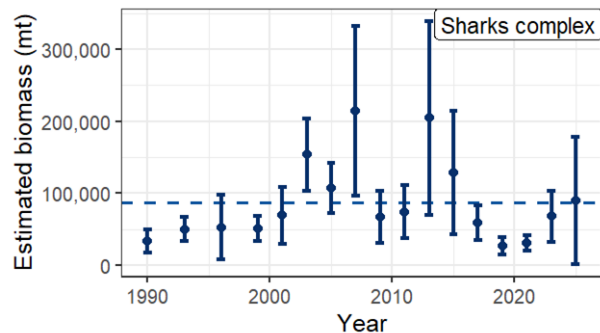


Flathead sole (*Hippoglossoides elassodon*)



Sharks complex (*various*)

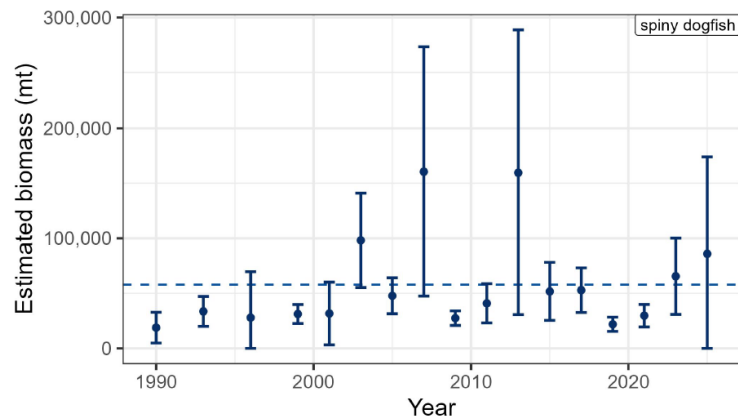
- Biomass estimate in 2025: ~90000 mt
- +32.6% from 2023 



This complex includes:

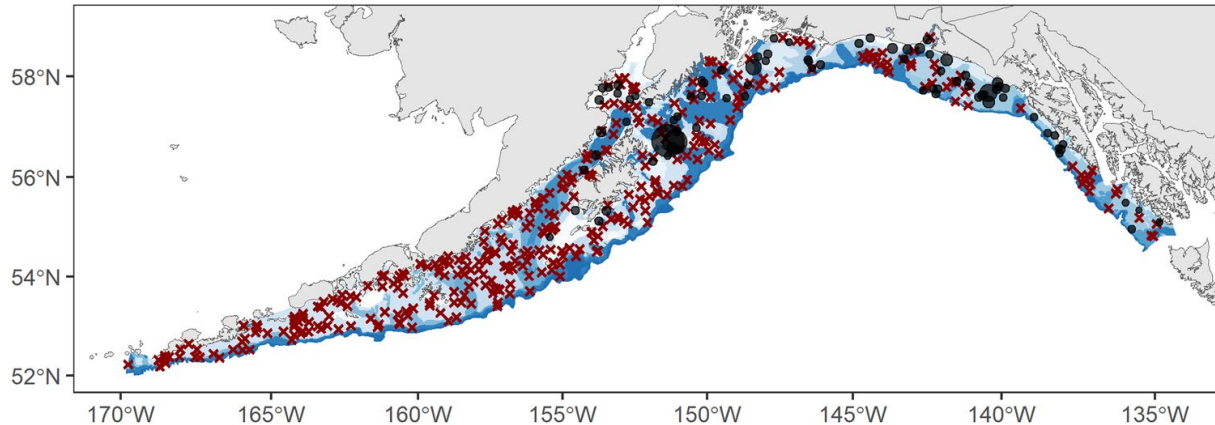
spiny dogfish, salmon shark, Pacific sleeper shark*

Spiny dogfish (*Squalus suckleyi*)



New info 11/25

Sharks complex (*various*)



This complex includes:

spiny dogfish, salmon shark, Pacific sleeper shark*