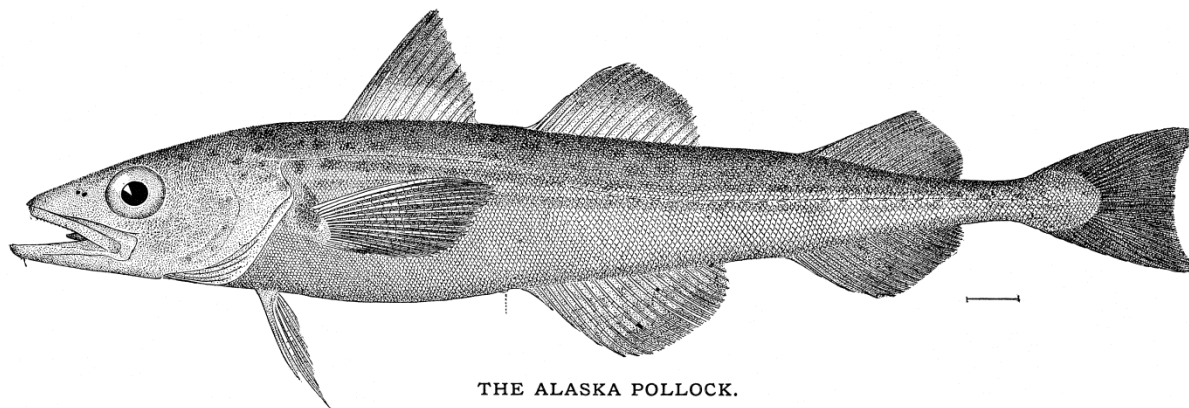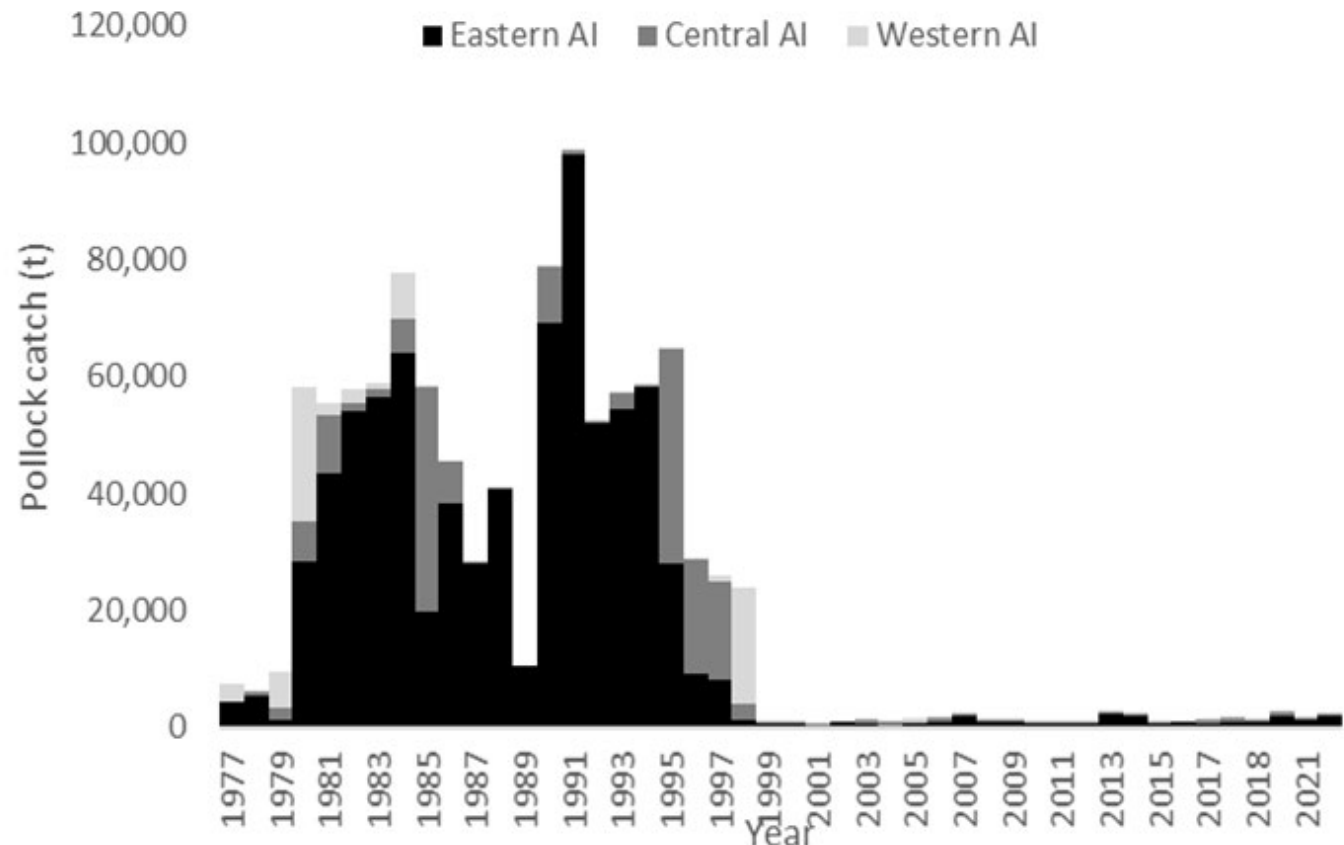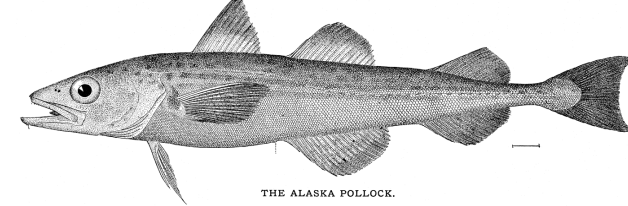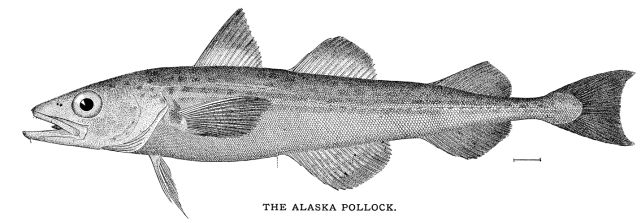# Aleutian Islands Pollock 2024

Authors: Steven J. Barbeaux, Jim Ianelli, Ivonne Ortiz, Ned Laman, and Ingrid Spies
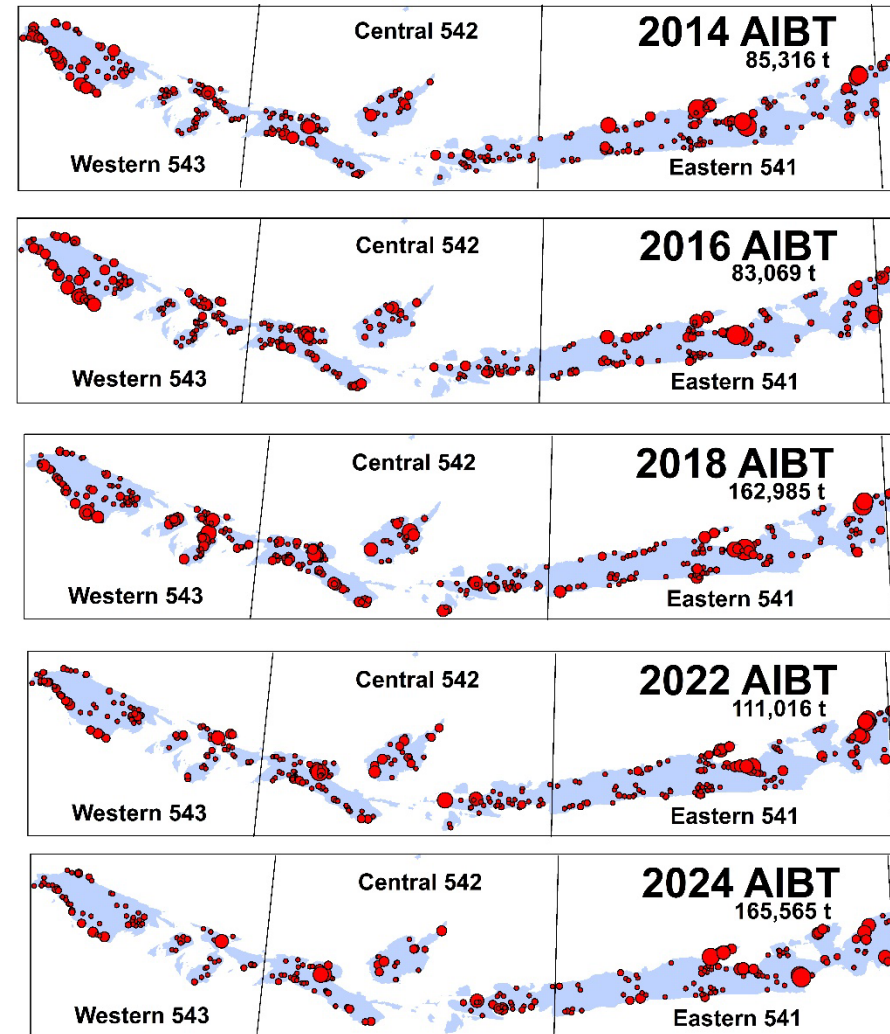
2024 Fishery

- 5.7 t in 'targeted' fishery

- 4,482 t total catch as of Sept. 26
  - Highest catch since 1998
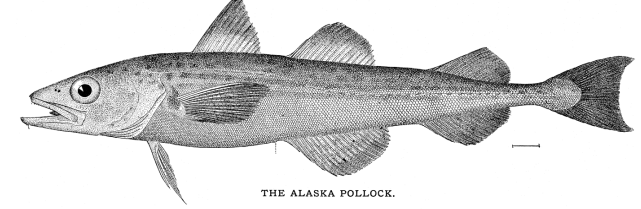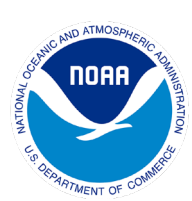 - < 5,000 t total catch since 1998

2024 AI bottom trawl survey

- 49% increase in biomass from 2022 survey
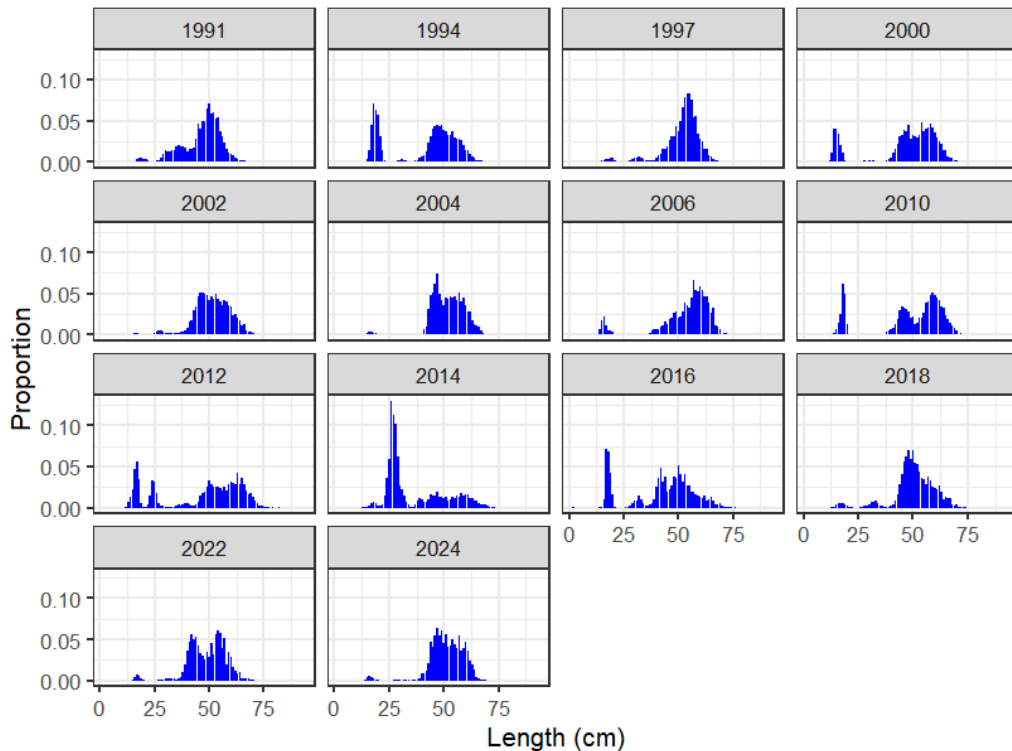
Model results 2024

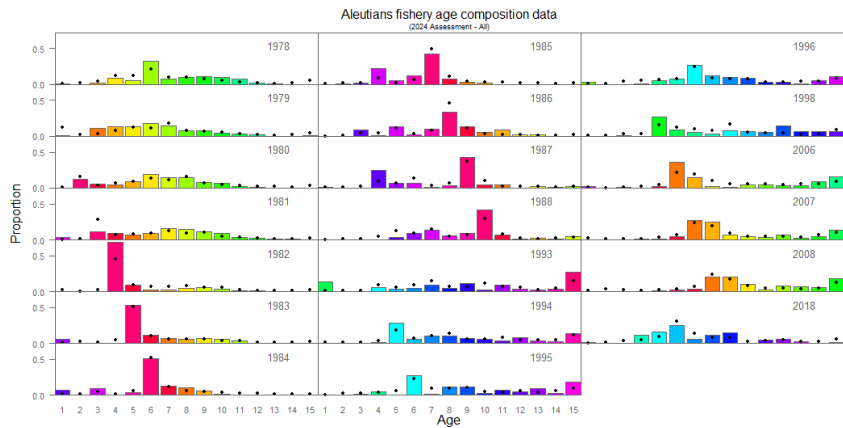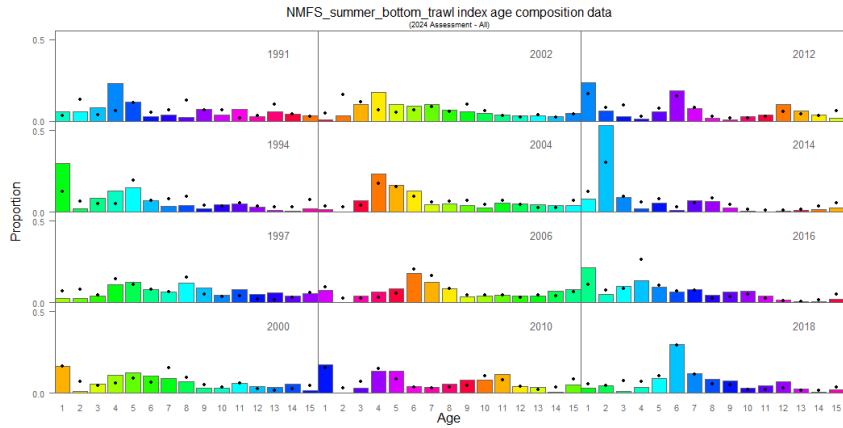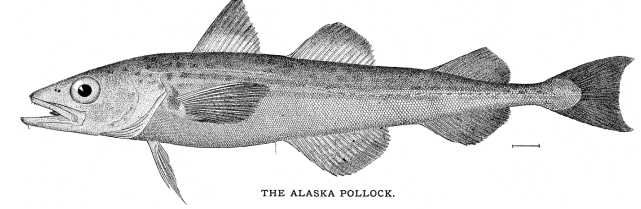- Same model since 2015

- Similar fit to previous years
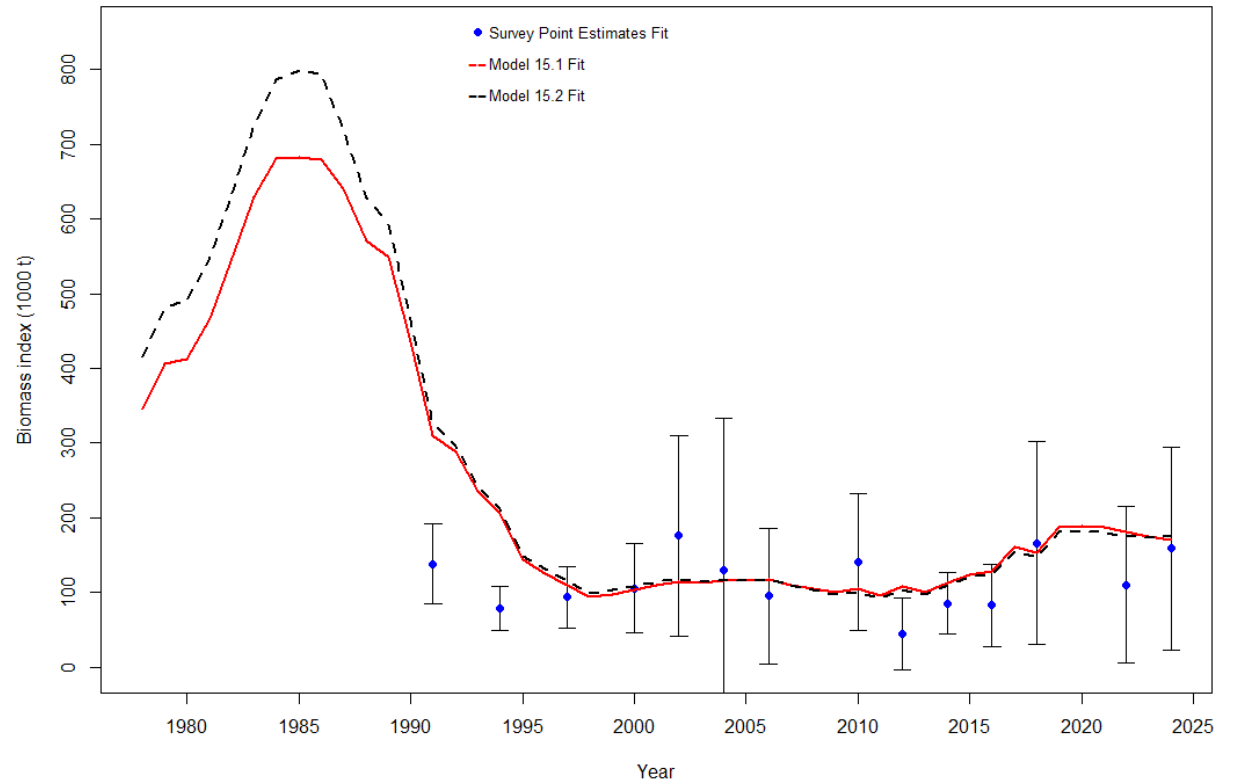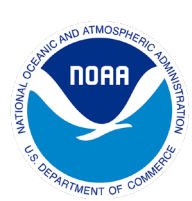
Model results 2024

- Same model since 2015

- 19,000 t cap on TAC

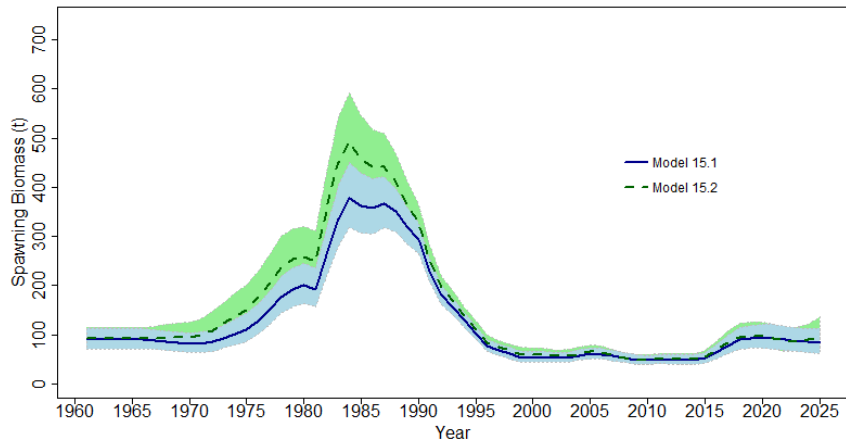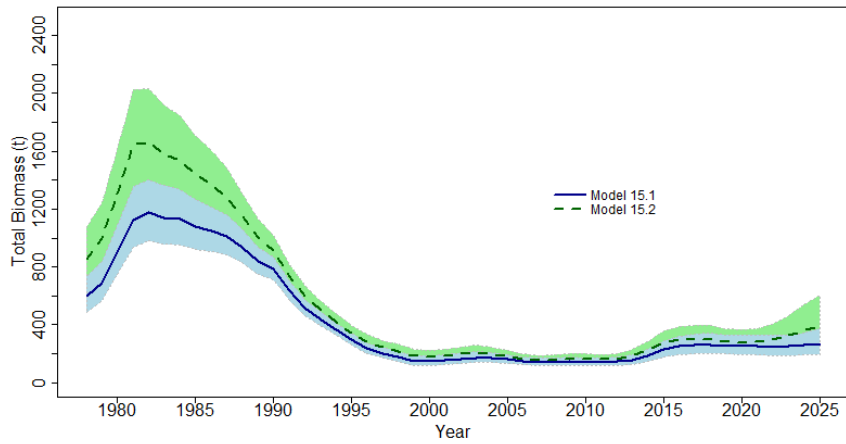| Quantity	As estimated or specified last year for:		As estimated or recommended this year for:	
	2024	2025	2025	2026*
M (natural mortality rate)	0.21		0.21	
Tier	3a		3a	
Total (age 1+) biomass (t)	279,764	302,068	288,407	305,528
Female spawning biomass (t)				
Projected	79,747	81,335	82,781	80,639
$B_{100\%}$	174,218		182,006	
$B_{40\%}$	69,687		72,802	
$B_{35\%}$	60,976		63,709	
F_{OFL}	0.380	0.380	0.406	0.406
$maxF_{ABC}$	0.305	0.305	0.325	0.325
F_{ABC}	0.305	0.305	0.325	0.325
OFL (t)	51,516	53,030	55,728	56,231
maxABC (t)	42,654	43,863	46,051	46,437
ABC (t)	42,654	43,863	46,051	46,437
Status				
	2022	2023	2023	2024
Overfishing	no	n/a	no	n/a
Overfished	n/a	no	n/a	no
Approaching overfished	n/a	no	n/a	no

* Projection based on estimated catches of 5,106 t for 2024 and 5,156 t for 2025, the five-year average F (2019-2023) of 0.032, used in place of maximum permissible ABC.
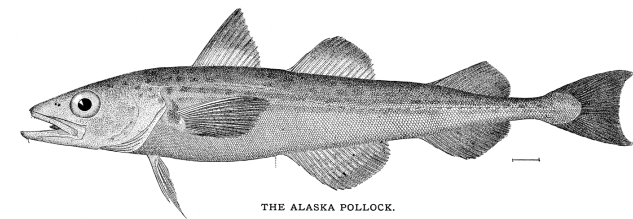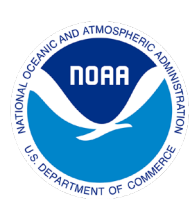
Candidate for Tier 5?

- 19,000 t cap on TAC

- < 5000 t caught since 1998

- Low data availability from fishery since 2008

- Increased workload on Age and Growth Lab for no gain

$$OFL = 33,113 \; t = 165,565 \; t \times 0.21$$

$$ABC = 24,835 \; t = 165,565 \; t \times 0.2 \times 0.75$$

THE ALASKA POLLOCK.