



2025 Tanner Crab Survey Results



King and Tanner Task Force Meeting
12.10.2025
Zane Chapman, Fishery Biologist

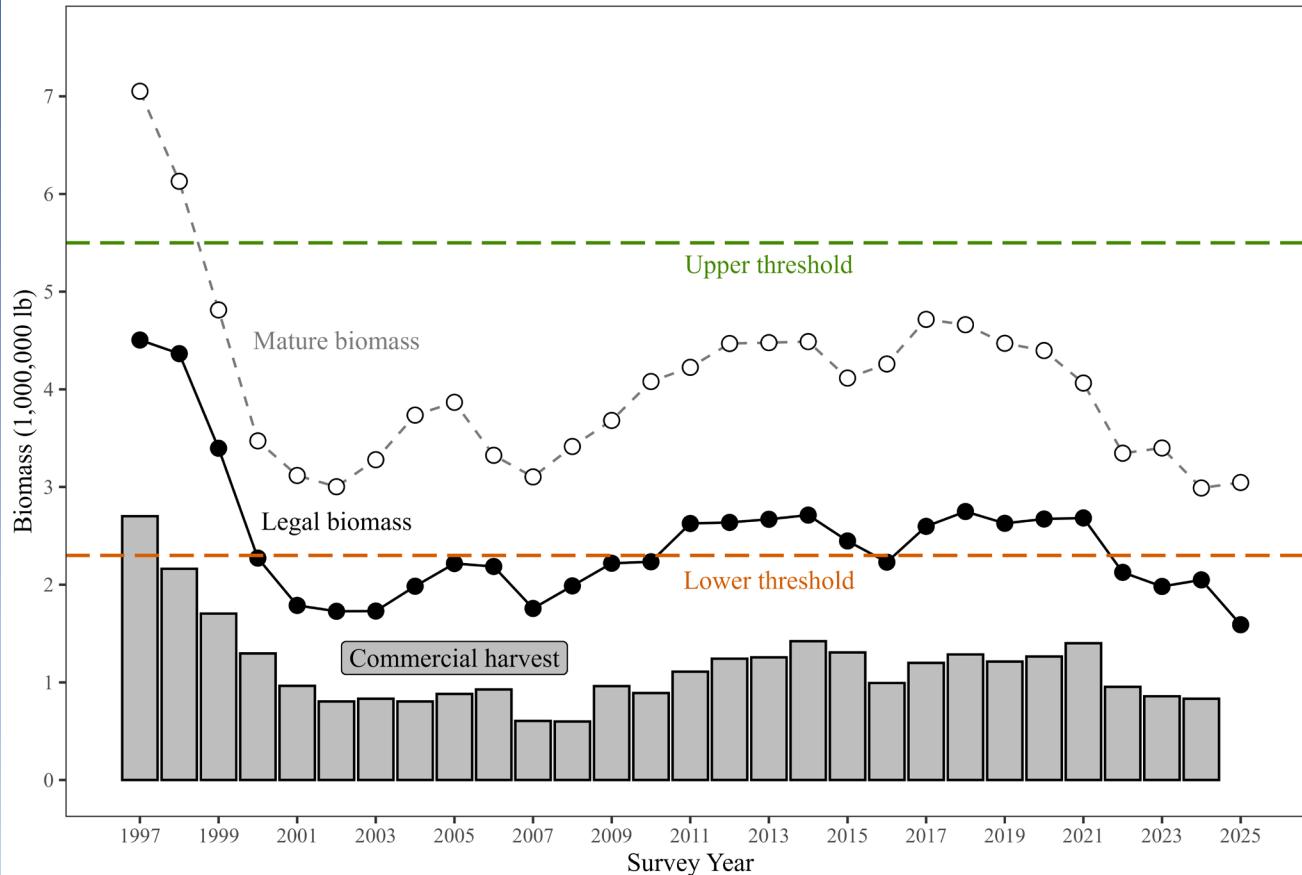
Outline

- Trends in Male Tanner Crab
- Historic Harvest
- 2025 Biomass Estimates
- Board of Fish Updates
- Survey Review
- Bay by Bay CPUE

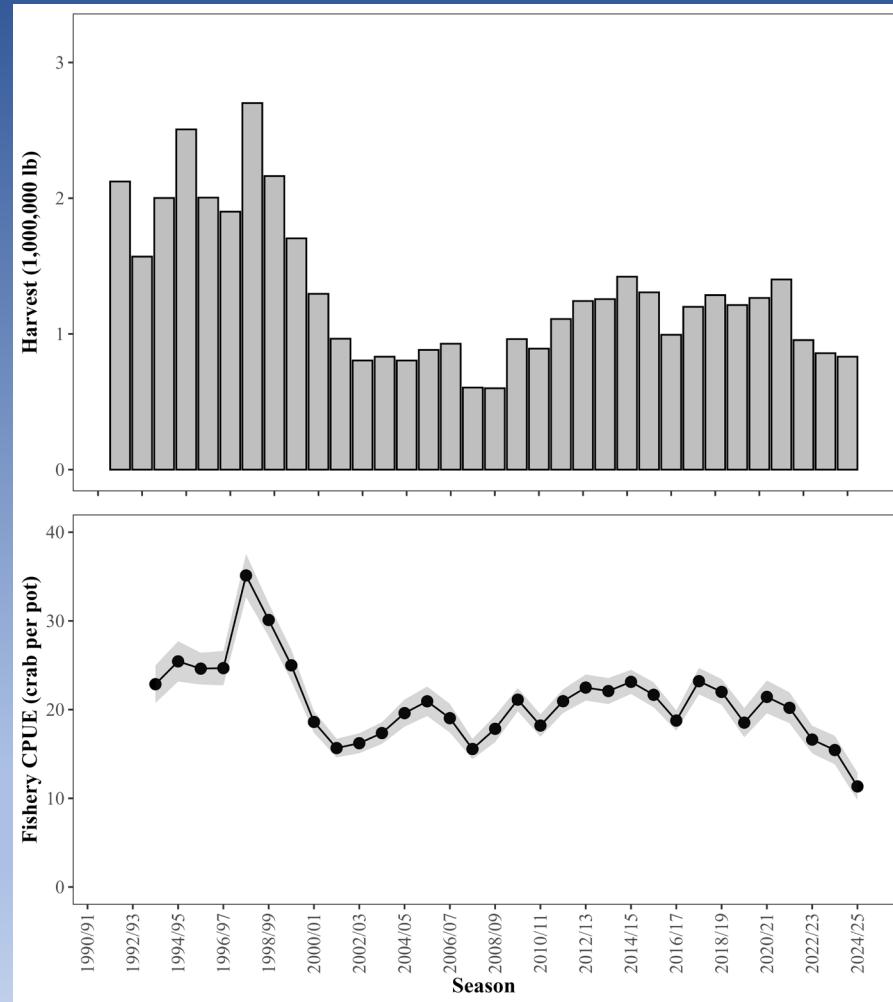


Trends in Male Tanner Crab:

Southeast Alaska Tanner crab regional biomass (survey and non survey areas)



Historic Tanner Crab Harvest



Southeast Alaska Mature Tanner Crab Biomass

2025 Estimate (current season):
3.05 million pounds

2024 Estimate (last season):
3.3 million pounds

Tanner Crab Harvest Strategy

5 AAC 35.113

(2) at the end of the initial period, the core areas will close to fishing, and the noncore, inside exploratory areas, and outside exploratory areas will remain open for an additional five days; after the noncore areas close to fishing, the inside exploratory areas and outside exploratory areas will remain open for an additional fourteen days; after the inside exploratory areas close to fishing, the outside exploratory areas will remain open through March 31.



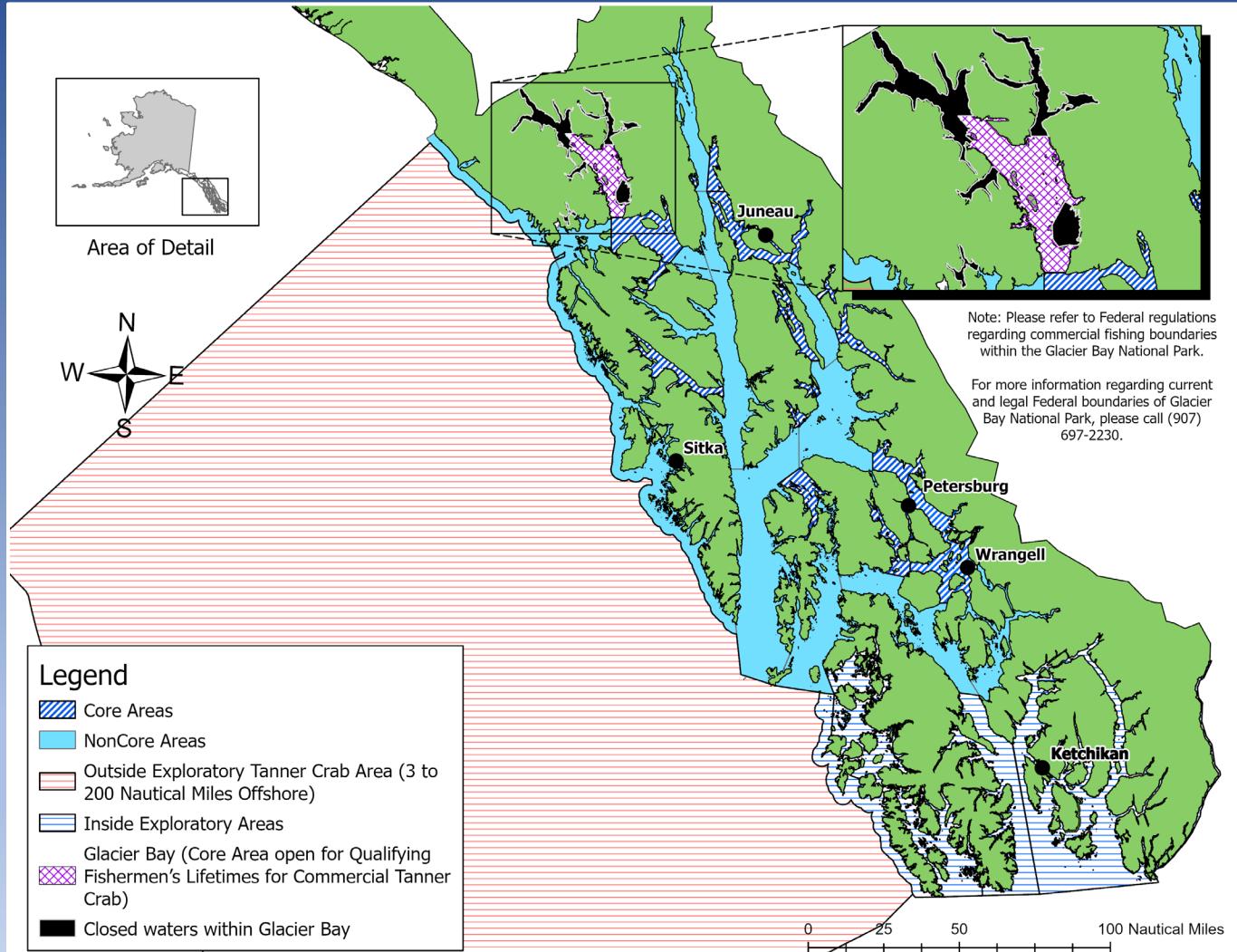
Pots Registered	Additional Fishing Days	
	<i>Mature Biomass is Between 2,300,000 and 5,500,000 lb</i>	<i>Mature Biomass is Greater than 5,500,000 lb</i>
1,600 – 2,399	4 Additional Days	5 Additional Days
2,400 – 3,199	3 Additional Days	4 Additional Days
3,200 – 3,999	2 Additional Days	3 Additional Days
4,000 – 5,599	1 Additional Days	2 Additional Days
5,600 – 7,000	0 Additional Days	1 Additional Days

Last Year

Board of Fish Updates

- Time start is now at 10:00 a.m. from 12:00 noon.
- Start date will be following the largest Juneau tidal range between February 10 and February 17
- Freezing spray added for weather delay criteria

Commercial Tanner Crab Management Areas



Catch Survey Analysis (CSA) Overview



Survey Areas

Summer Survey:

Stephens Passage

Seymour Canal

North Juneau

Excursion Inlet

Pybus Bay

Gambier Bay

Peril Strait (Biennial)

Lynn Sisters

Port Frederick (recently added)

Fall Survey:

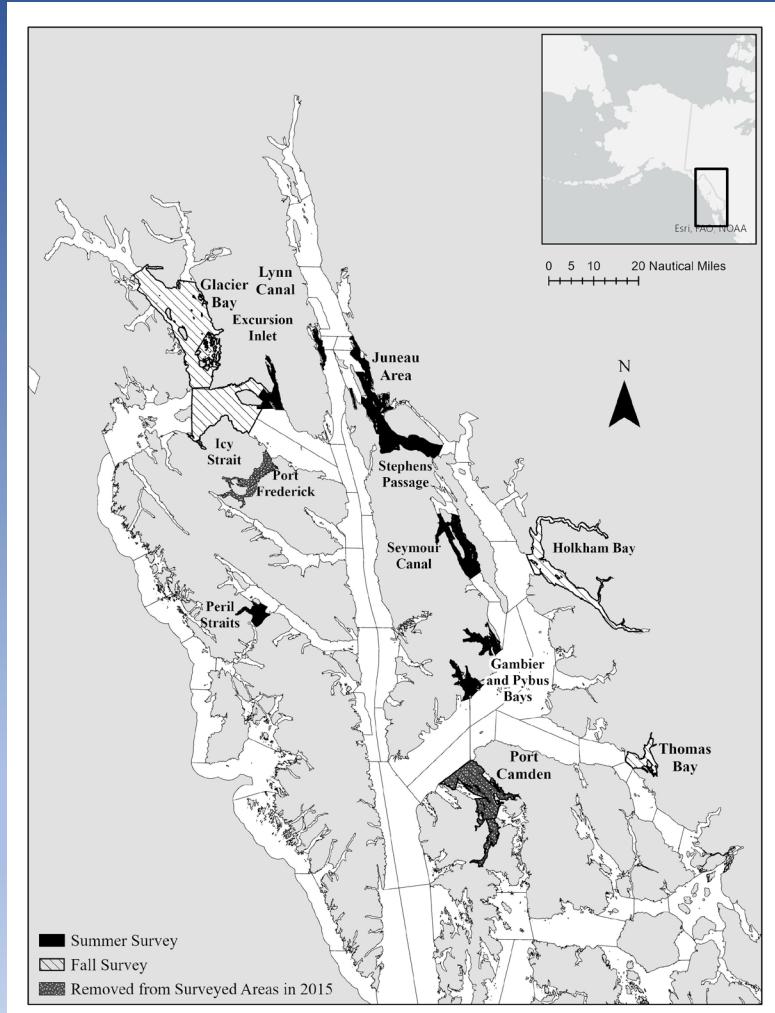
Icy Strait

Glacier Bay

Thomas Bay

Holkham Bay

Surveyed area catch made up 72.5% of the 2025 fishery harvest



Highlights

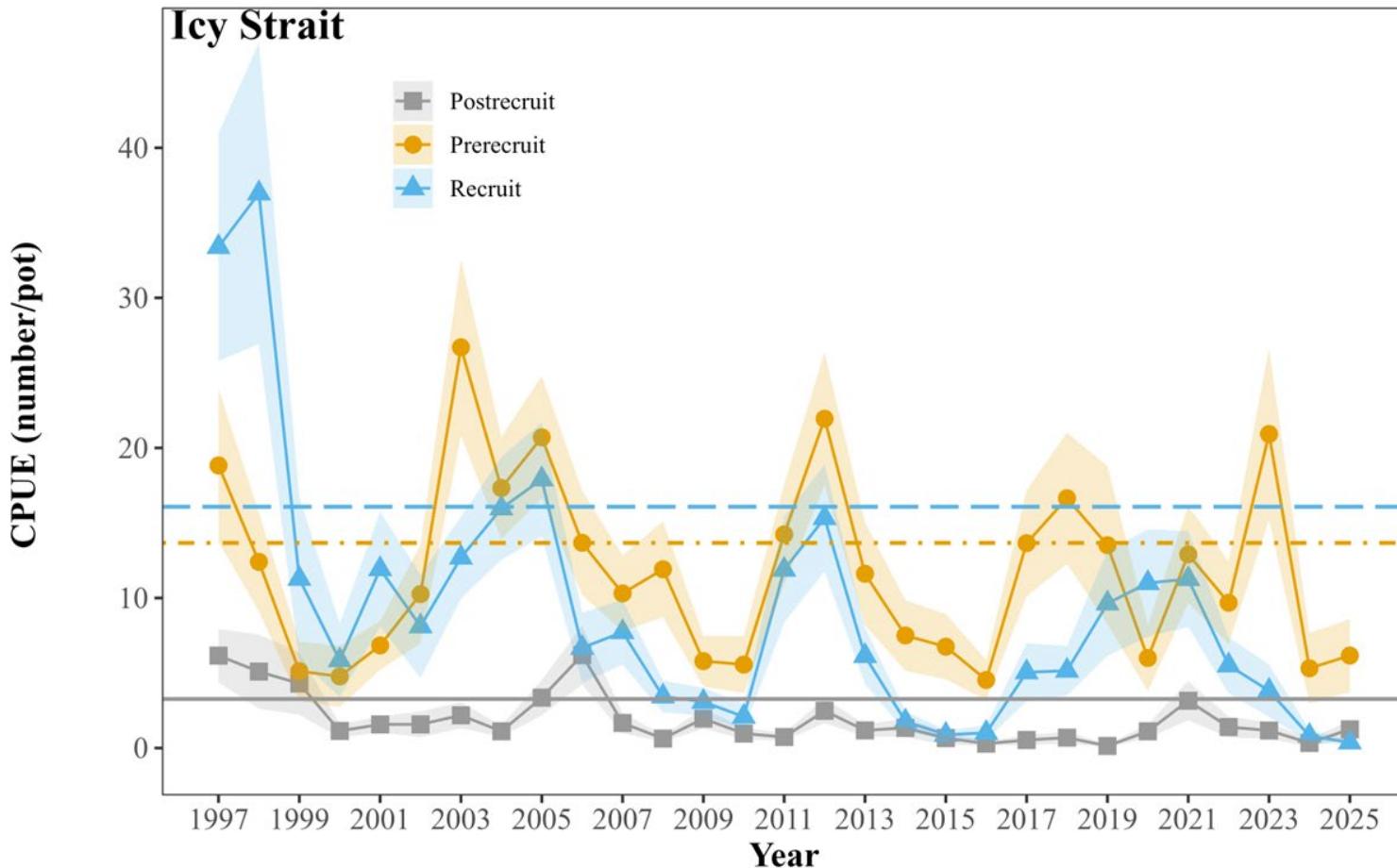
- 3.05 million pounds of mature male crab (>108 mm carapace width)
- 1.59 million pounds of legal male crab (>140 mm carapace width)
- Decrease of 0.62 million pounds of legal male Tanner crab from the 2024 estimate

Stock Health

- Poor in TWO area
- Below average in THREE areas
- Moderate in FOUR areas
- Above average in THREE area
- Healthy in ZERO areas

Area Analyses

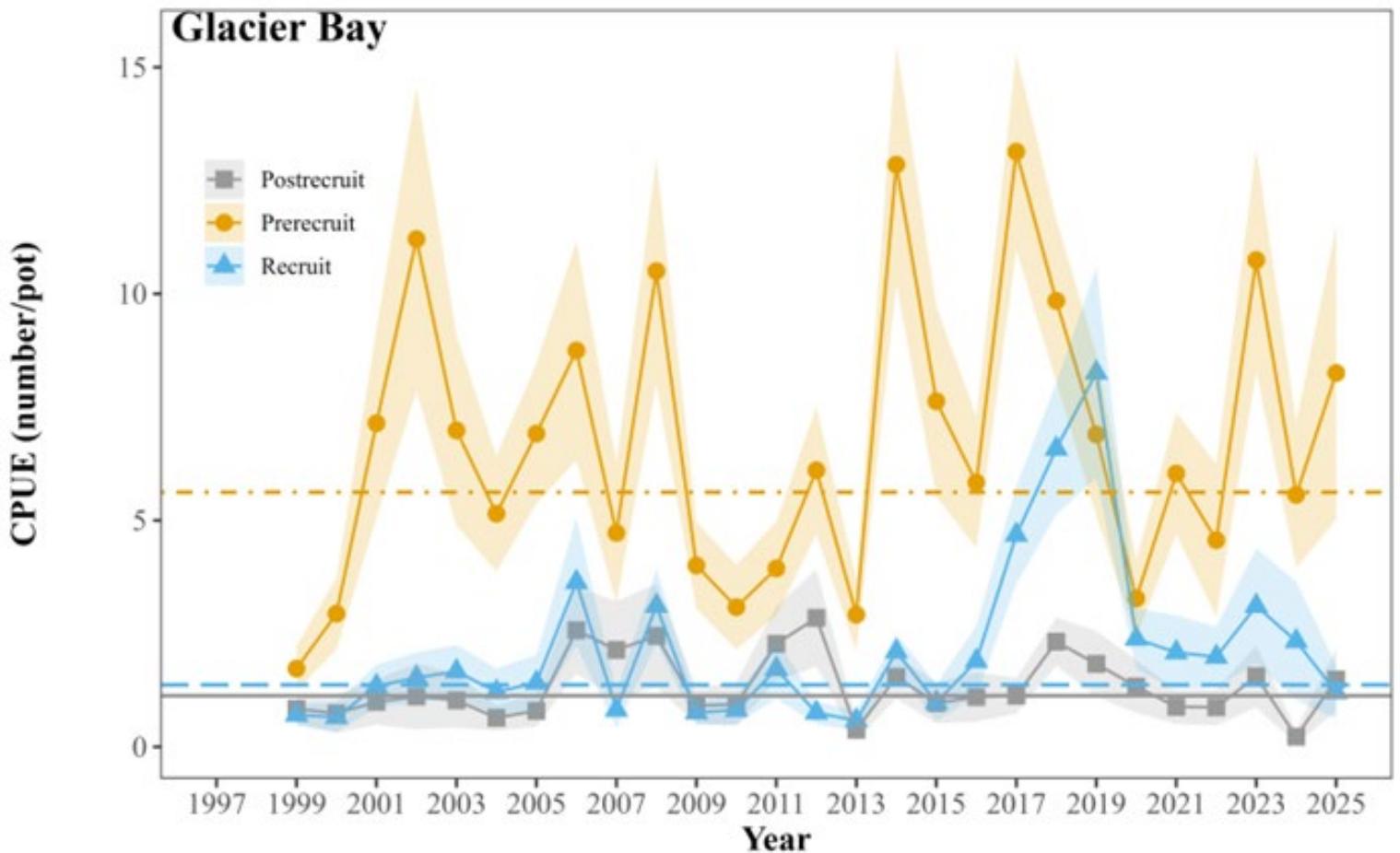




Icy Strait

- Remained poor stock status
- Decrease in recruit male CPUE
- 3.7% of 2025 fishery

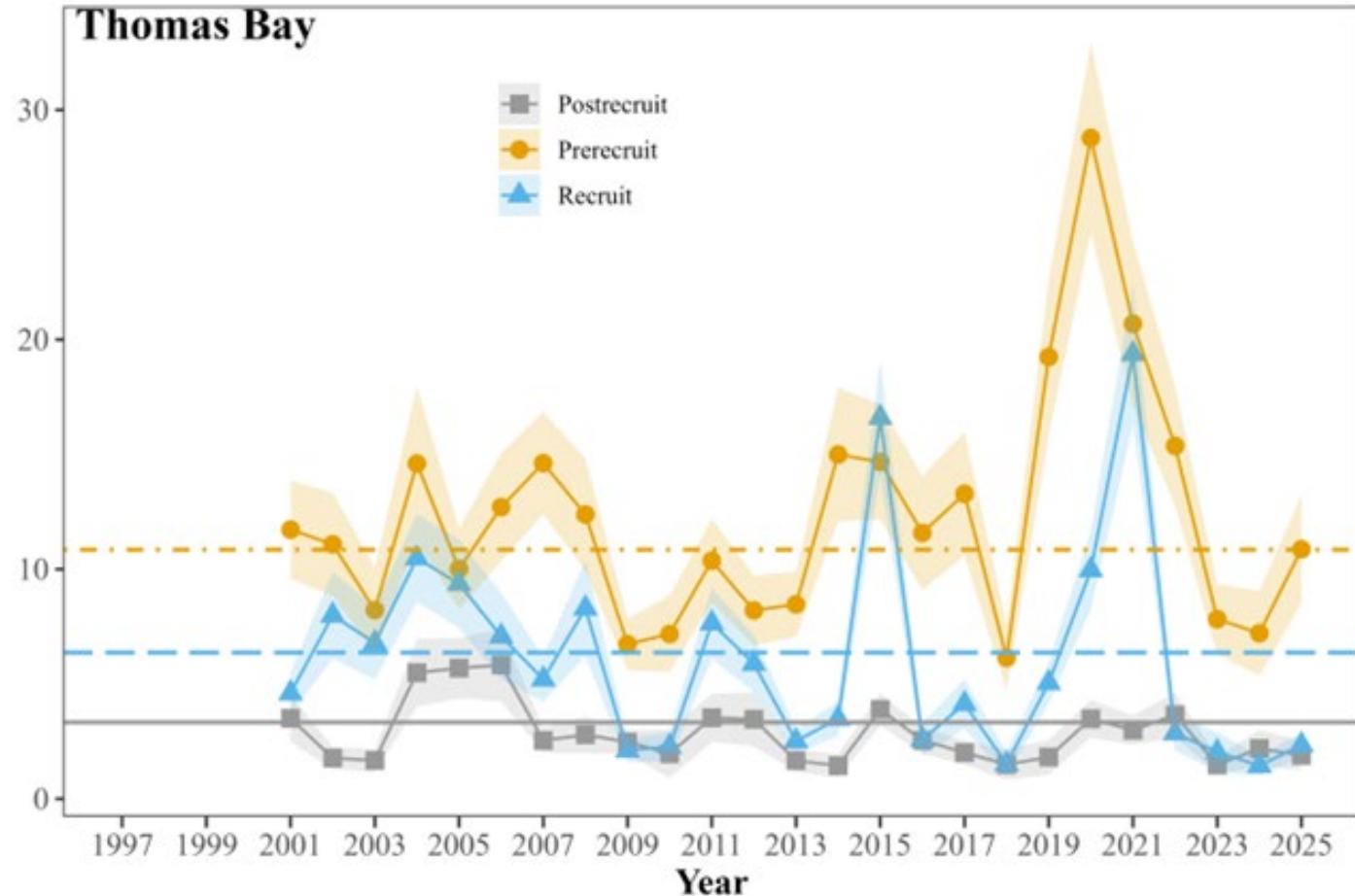
Glacier Bay



- Remained moderate stock health
- Increase in mature and prerecruit CPUE
- Made up 10.4% of 2025 harvest

Thomas Bay

CPUE (number/pot)

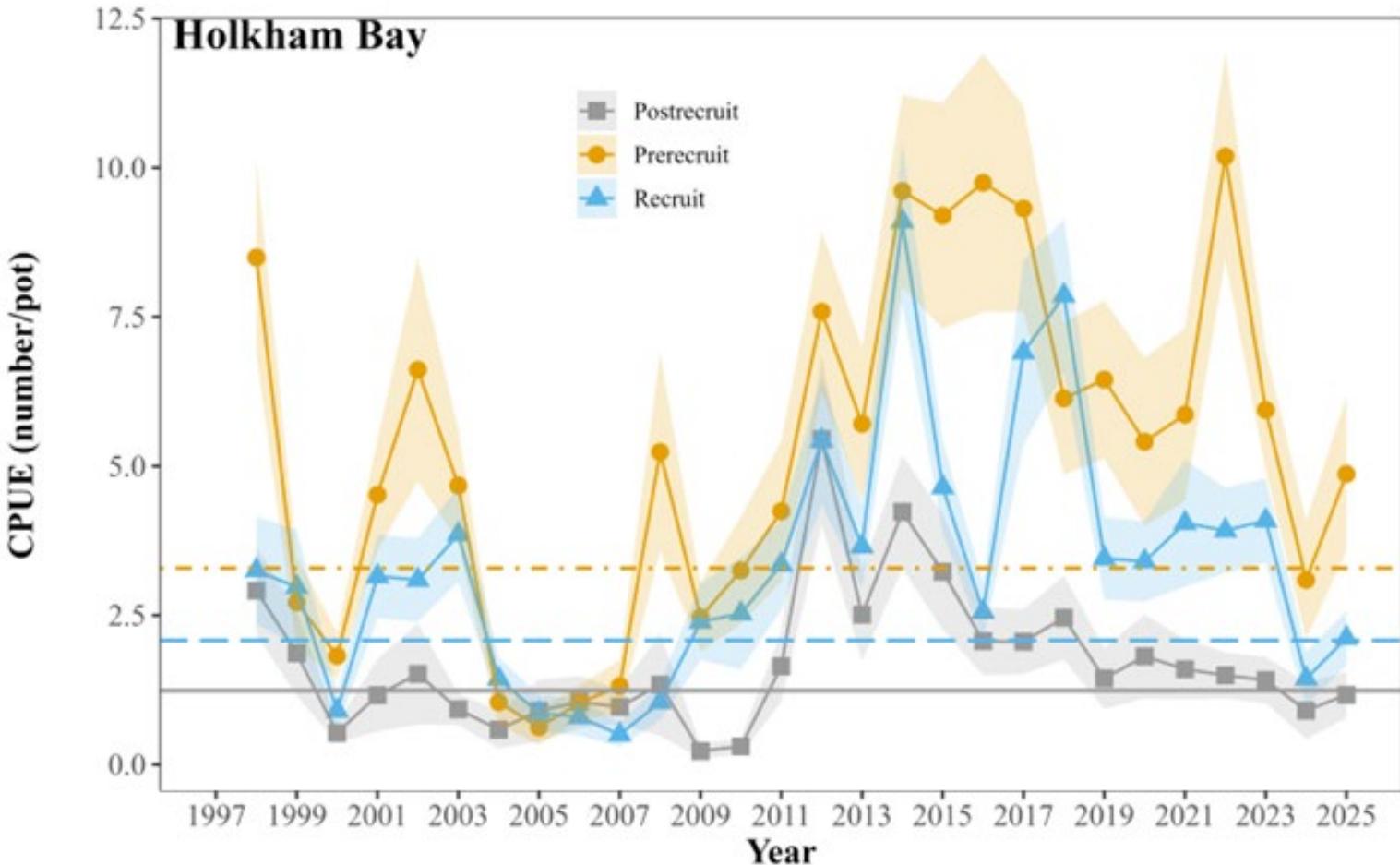


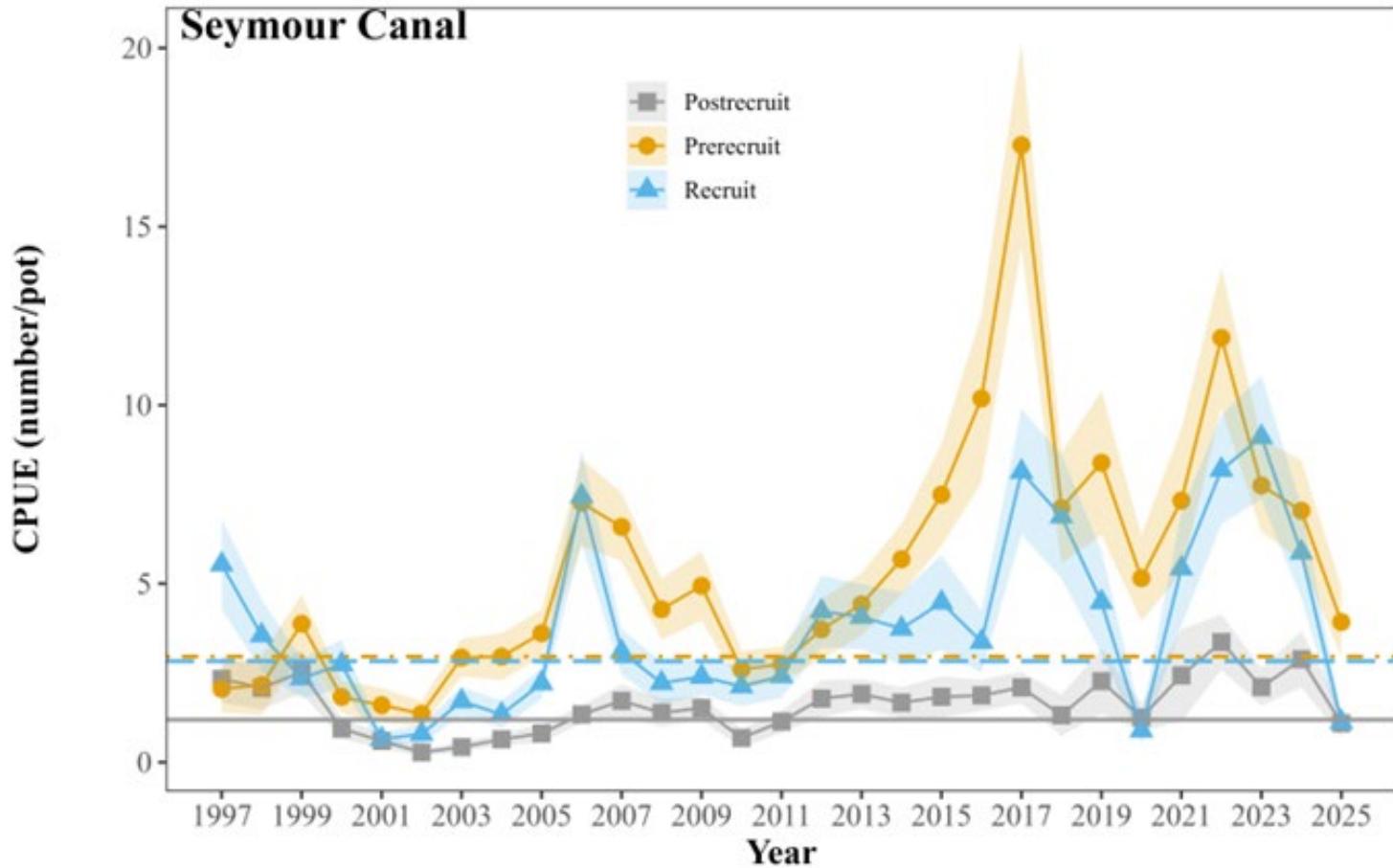
Thomas Bay

- Decreased from moderate to below average stock status
- Postrecruit and recruit significantly below long-term baseline
- 2.3% of the 2025 harvest

Holkham Bay

- Remained moderate stock status
- Slight increase in all male CPUE
- 9.5% of the 2025 harvest



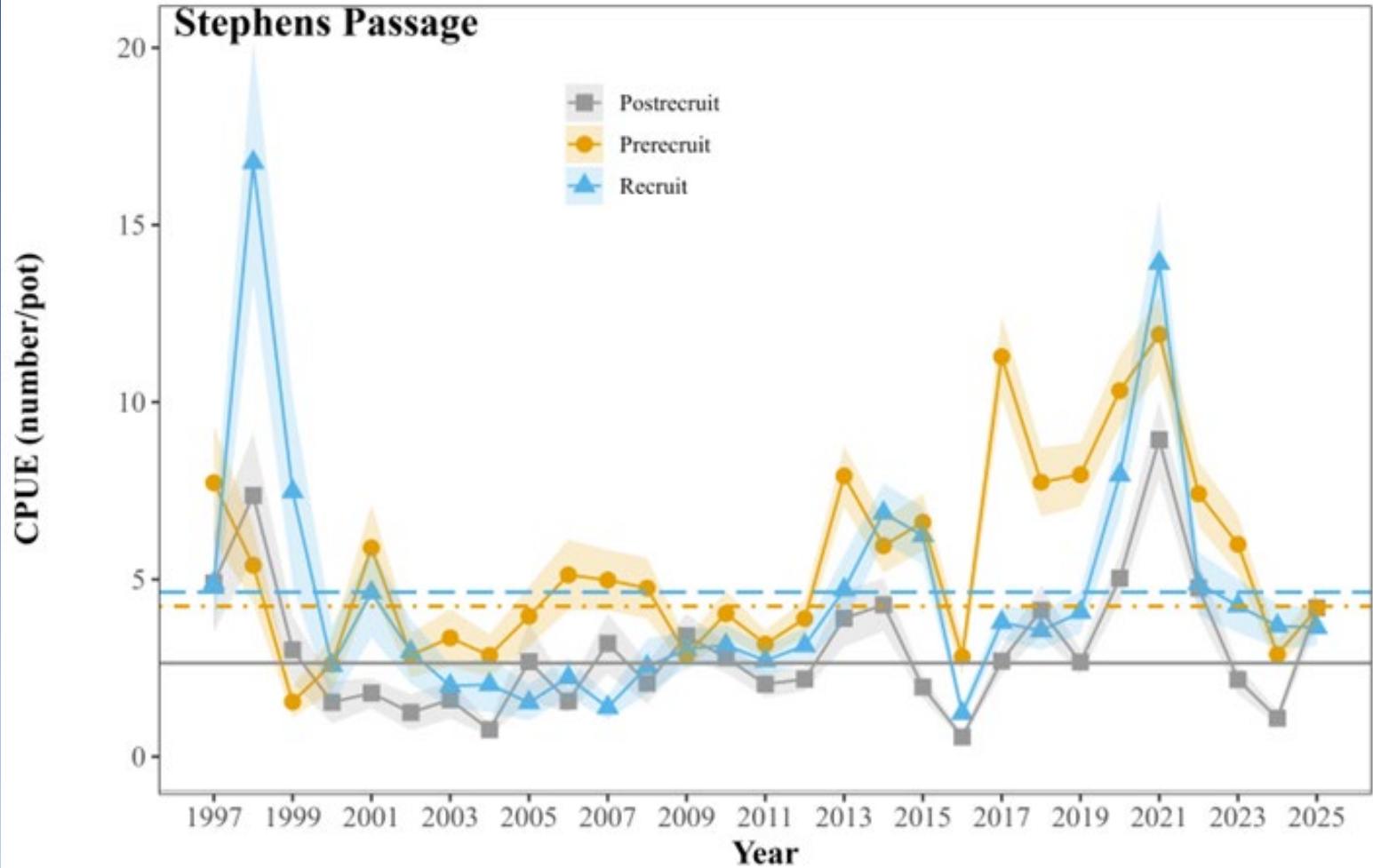


Seymour Canal

- Decreased from healthy to moderate stock status
- Decreasing trend in all male CPUEs
- 17.7% of 2025 harvest

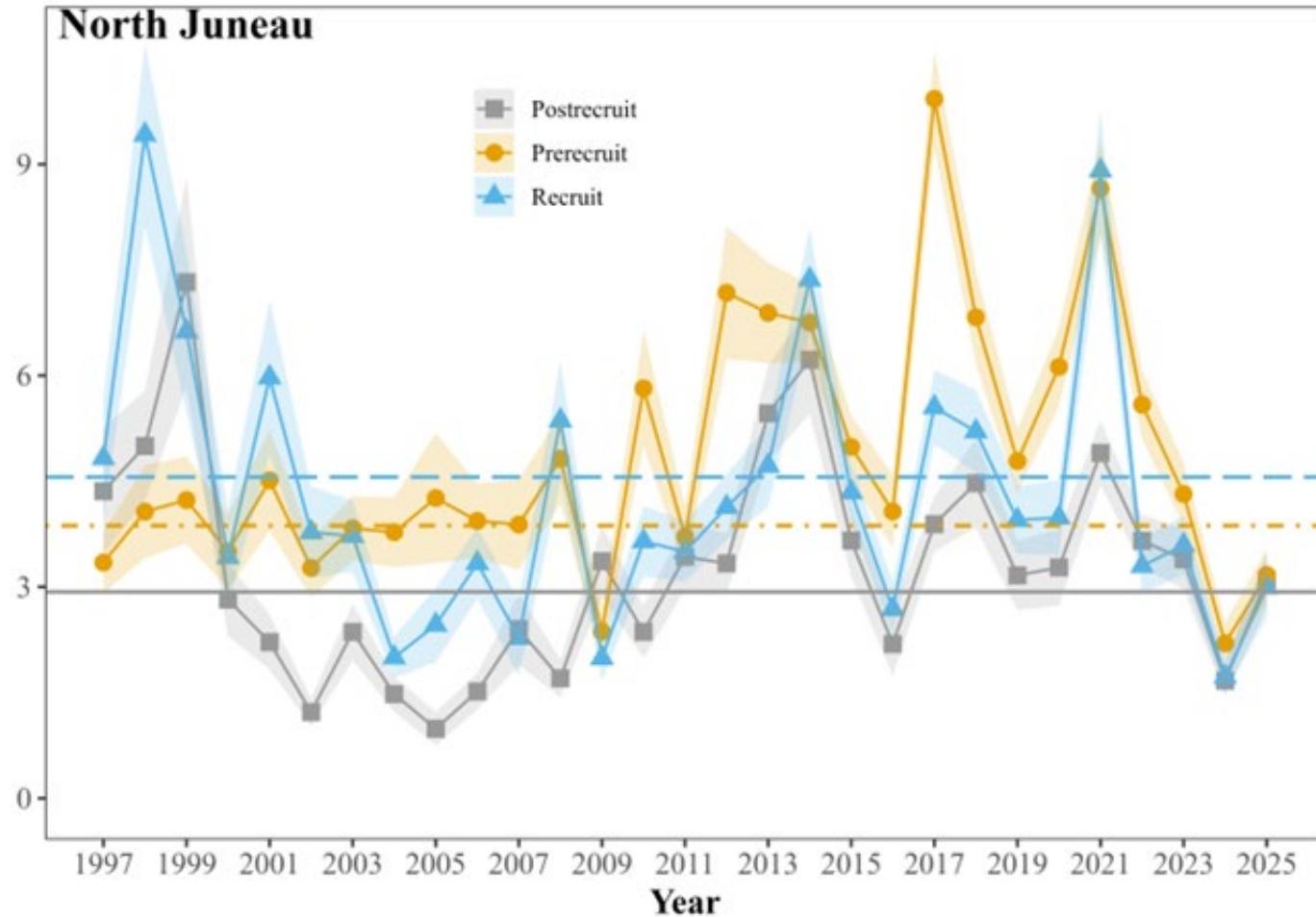
Stephens Passage

- Increased from below average to above average stock status
- Postrecruit above long term average
- 15.5% of 2025 harvest



North Juneau

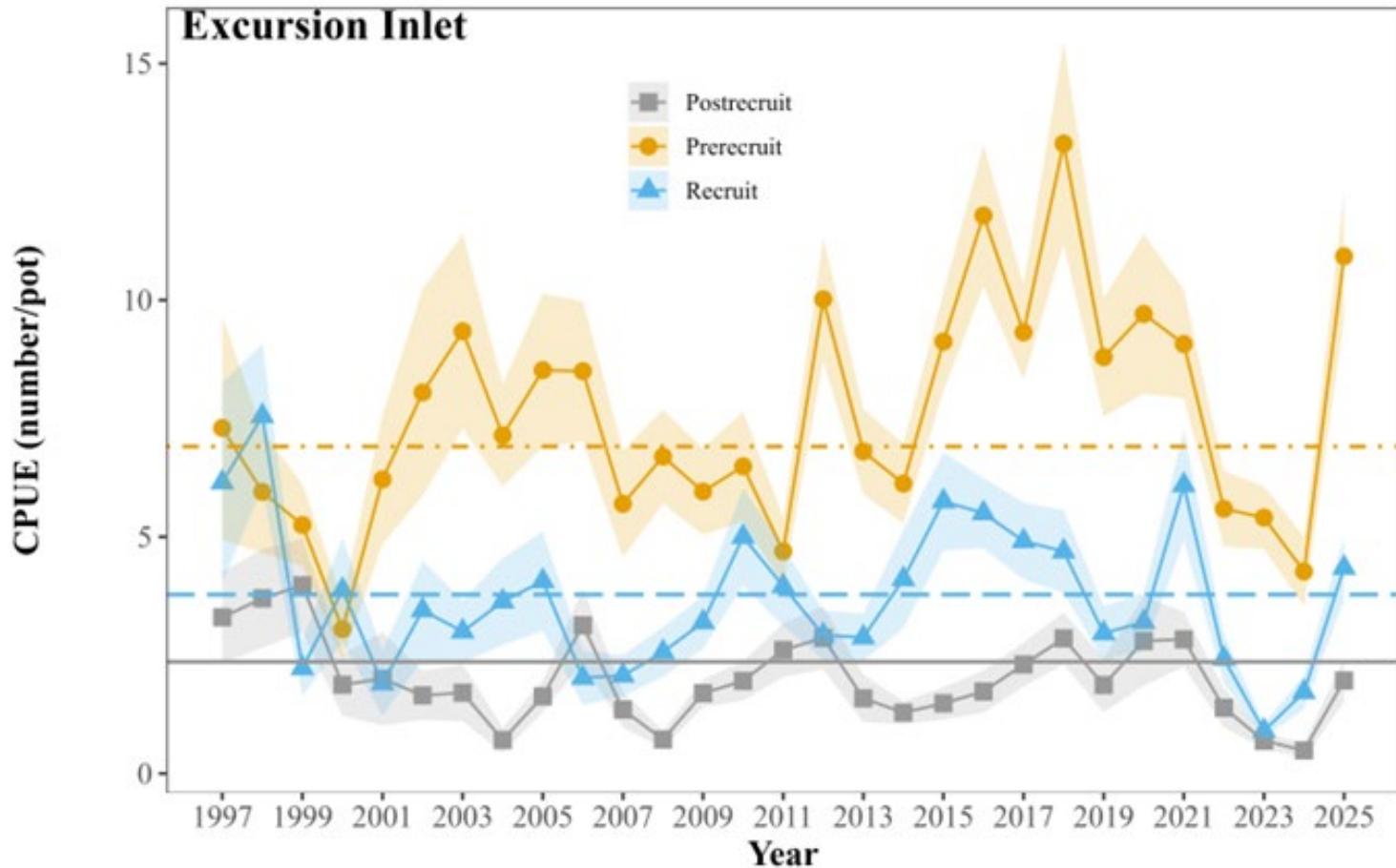
CPUE (number/pot)



North Juneau

- Increased from poor to below average stock status
- Slight increase in all male CPUE
- 7.2% of 2025 harvest

Excursion Inlet



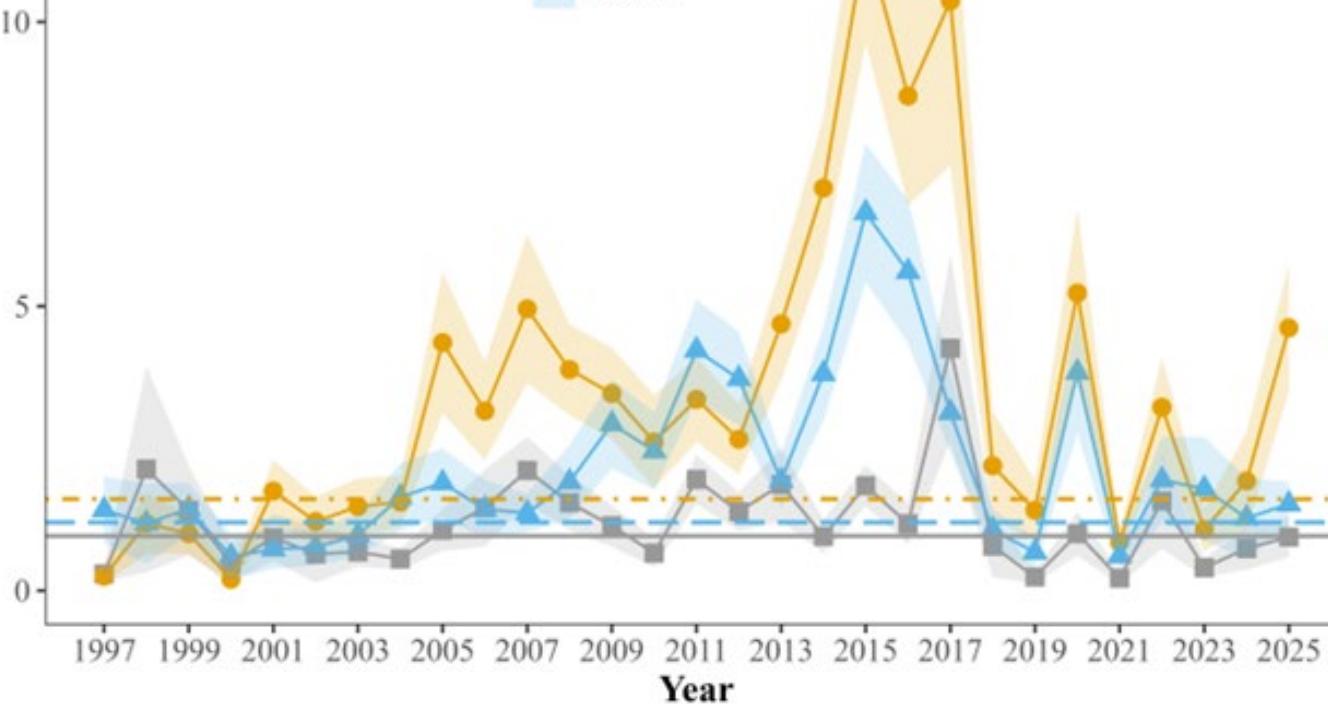
Excursion Inlet

- Increased from below average to above average stock status
- Increase in male CPUE
- 1.3% of 2025 harvest

Pybus Bay

CPUE (number/pot)

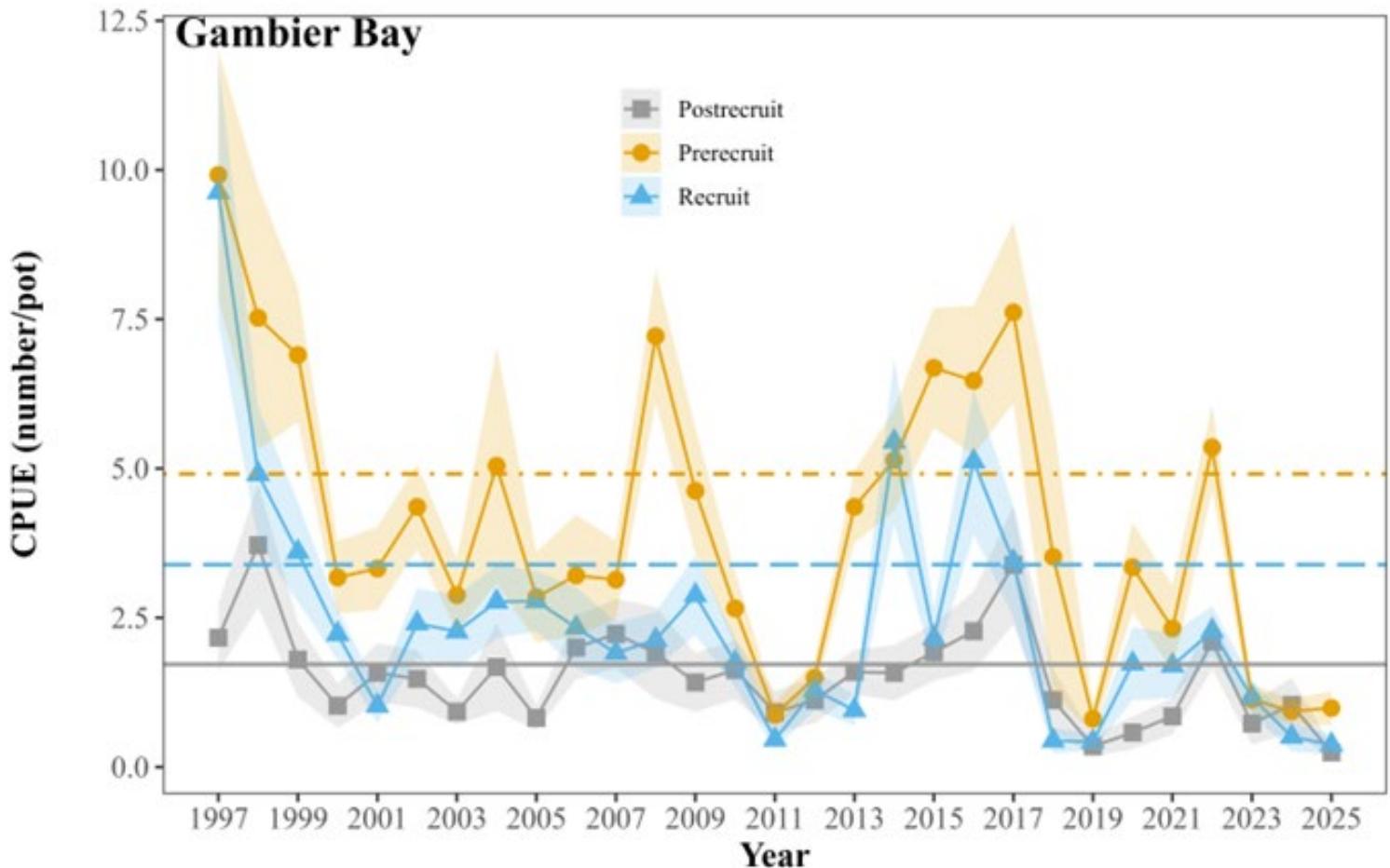
Postrecruit
Prerecruit
Recruit



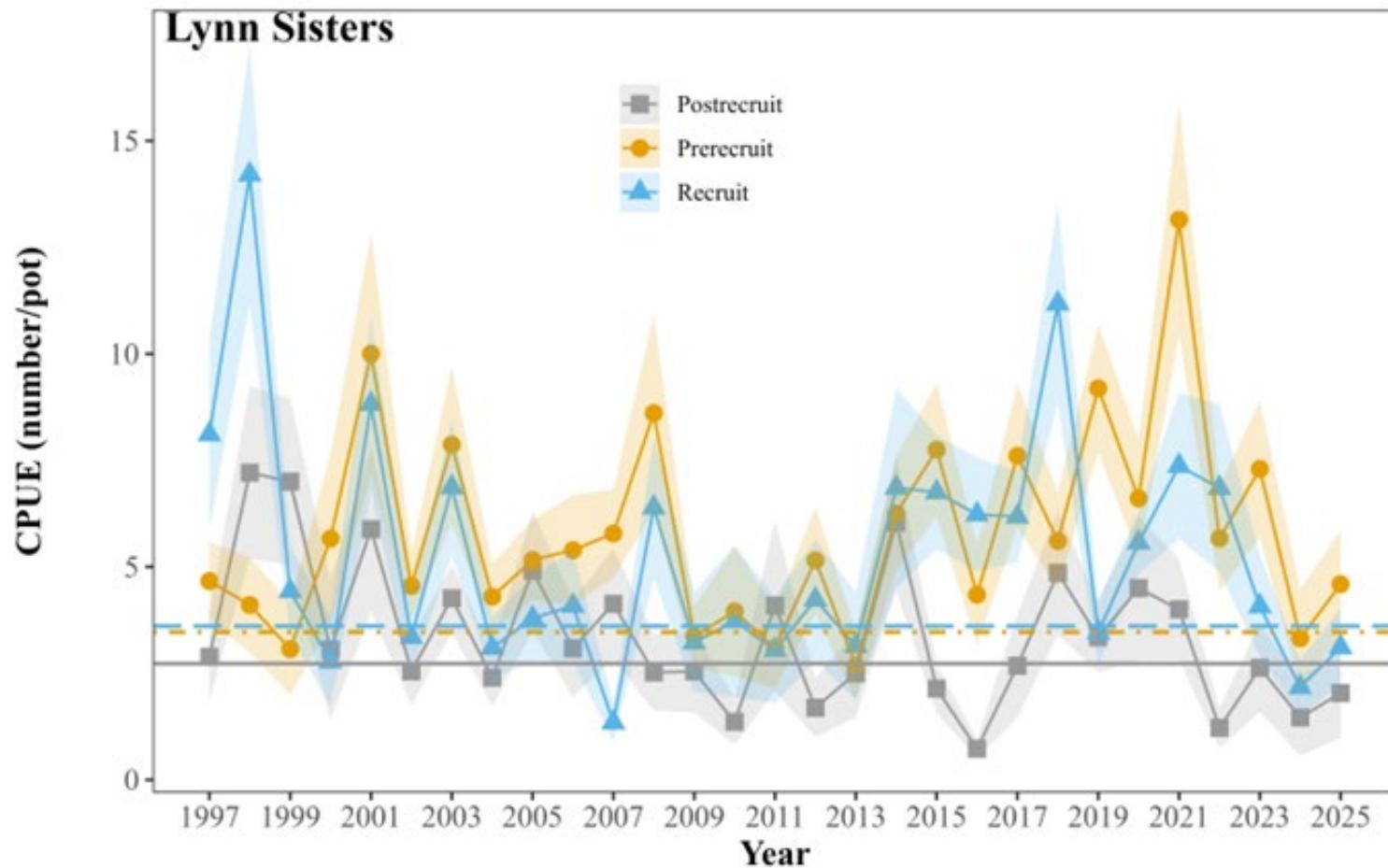
Pybus Bay

- Remained at above average stock status
- Postrecruit and recruit CPUE not significantly different from baseline

Gambier Bay

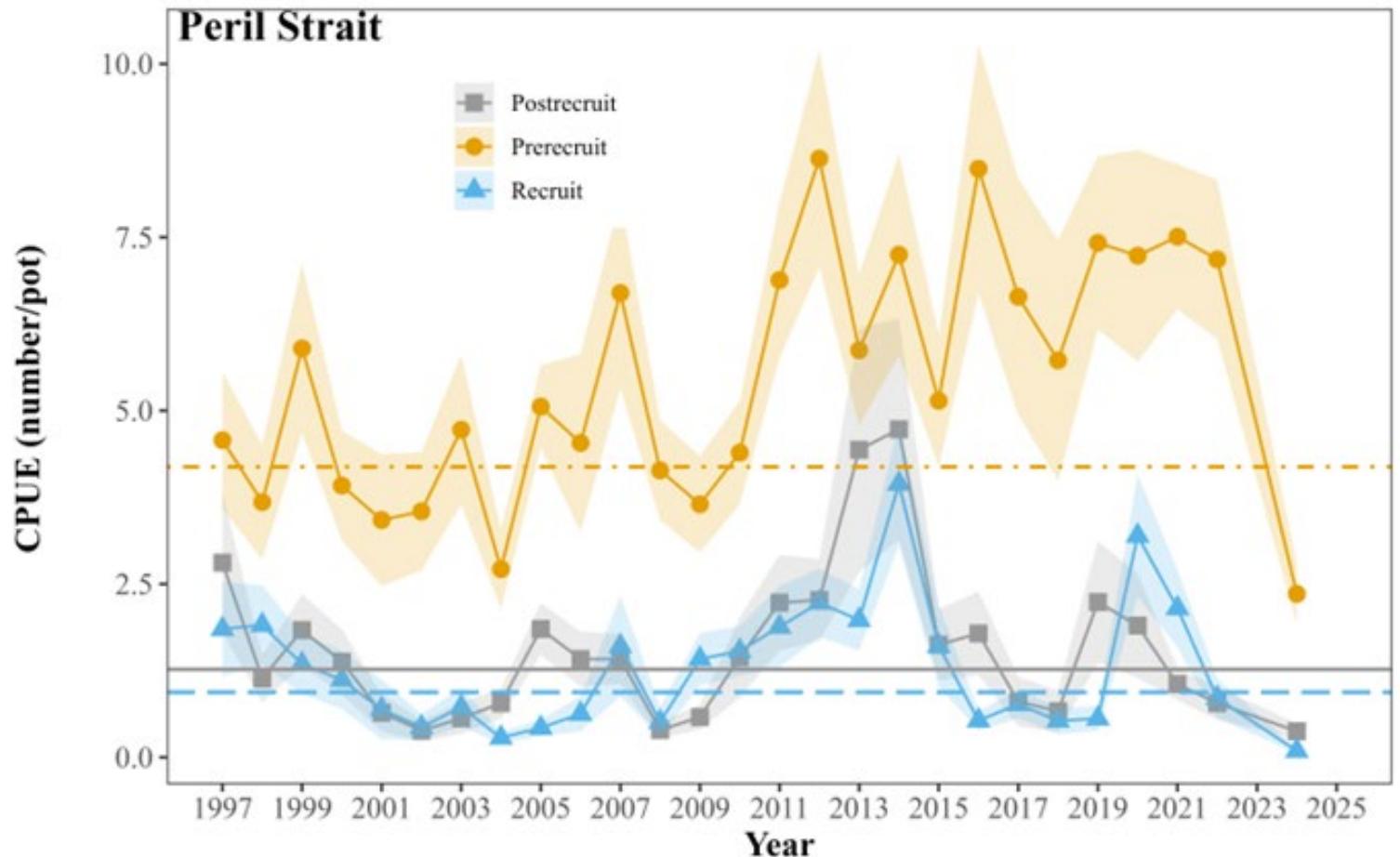


- Remained poor stock status
- All sex/size class CPUEs decreased to below long term avg



Lynn Sisters

- Increased from below average to moderate stock status
- Small increase in all male CPUE



Peril Strait (not sampled 2025)

- Below average stock health from 2024
- Not sampled in 2025

Bitter Crab

Survey

Location	% Bitter 2024	% Bitter 2025
Juneau	19.1	20.5
Lynn Sisters	10.1	13.9
Barlow Cove	0.9	5.3
Holkham Bay	10.1	19.3
Peril Strait	10.0	**
Excursion Inlet	10.8	21.7
Gambier Bay	1.8	10.6
Thomas Bay	5.2	3.2
Seymour Canal	1.9	1.5
Pybus Bay	0.8	6.0
Port Frederick	**	81.0

** Not sampled

Commercial Fishery*

Fishery Location (section)	% Bitter 2024	% Bitter 2025
11-A	18	26
15-A	54	48
15-B & C	16	27

* Some bitter crab sorted at sea

Questions?

