



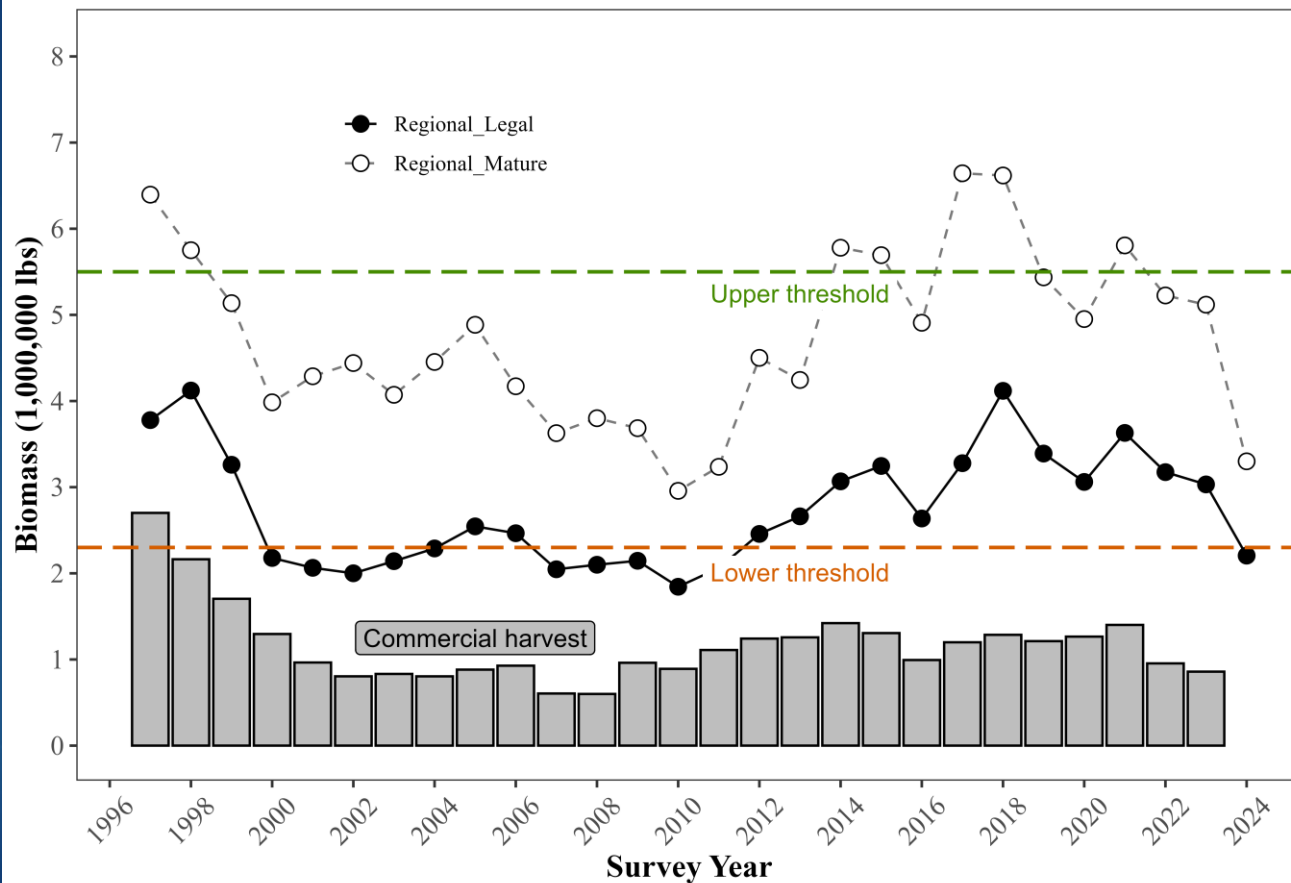
2024 Tanner Crab Survey Results



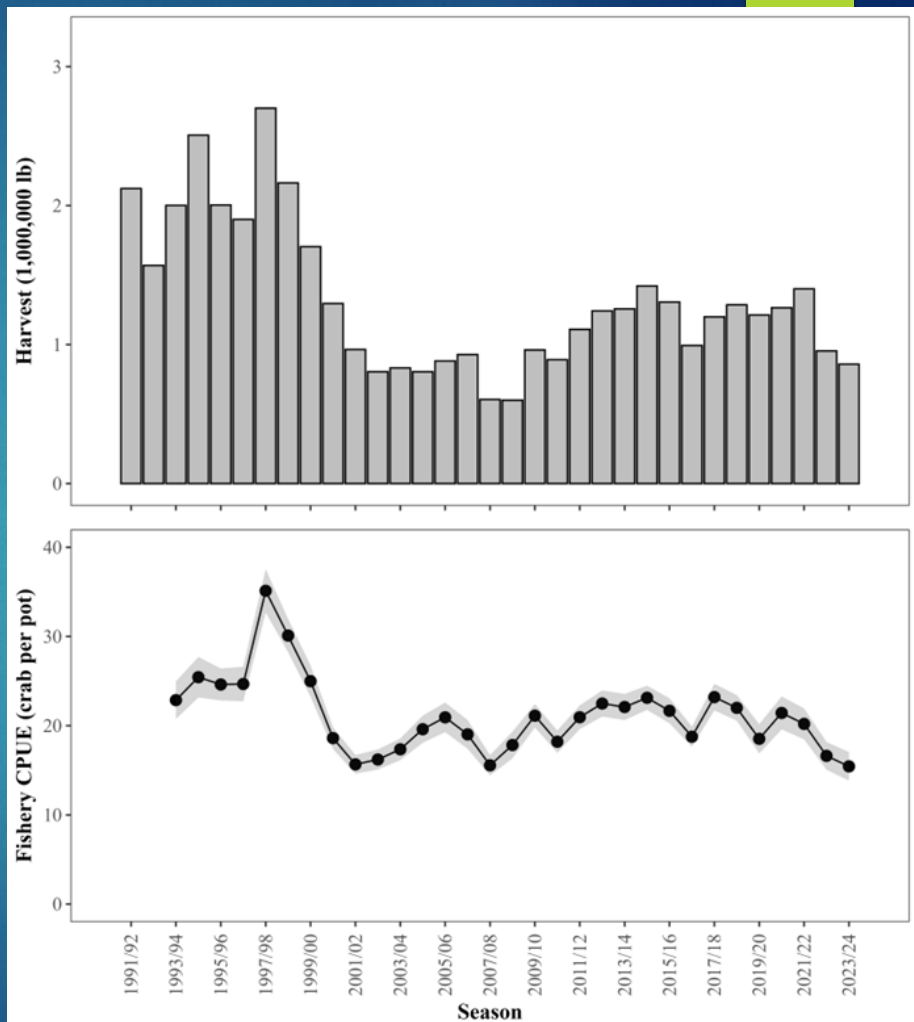
KING AND TANNER TASK FORCE MEETING
12.09.2024

Trends in Male Tanner Crab:

Historic point estimates used for annual management (not updated with current year's data)



Historic Tanner Harvest



SEAK Mature
Tanner Crab
Biomass:

2024 Estimate (current season):

3.3 million pounds

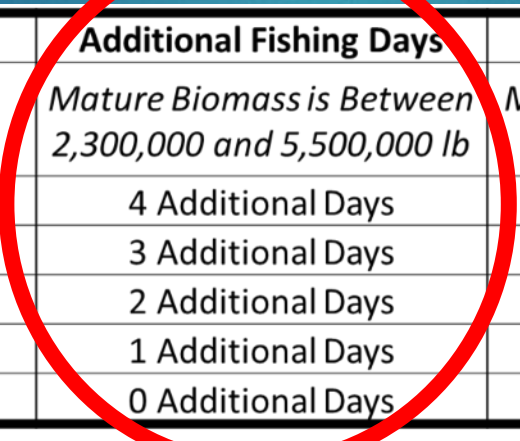
2023 Estimate (last season):

5.12 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.

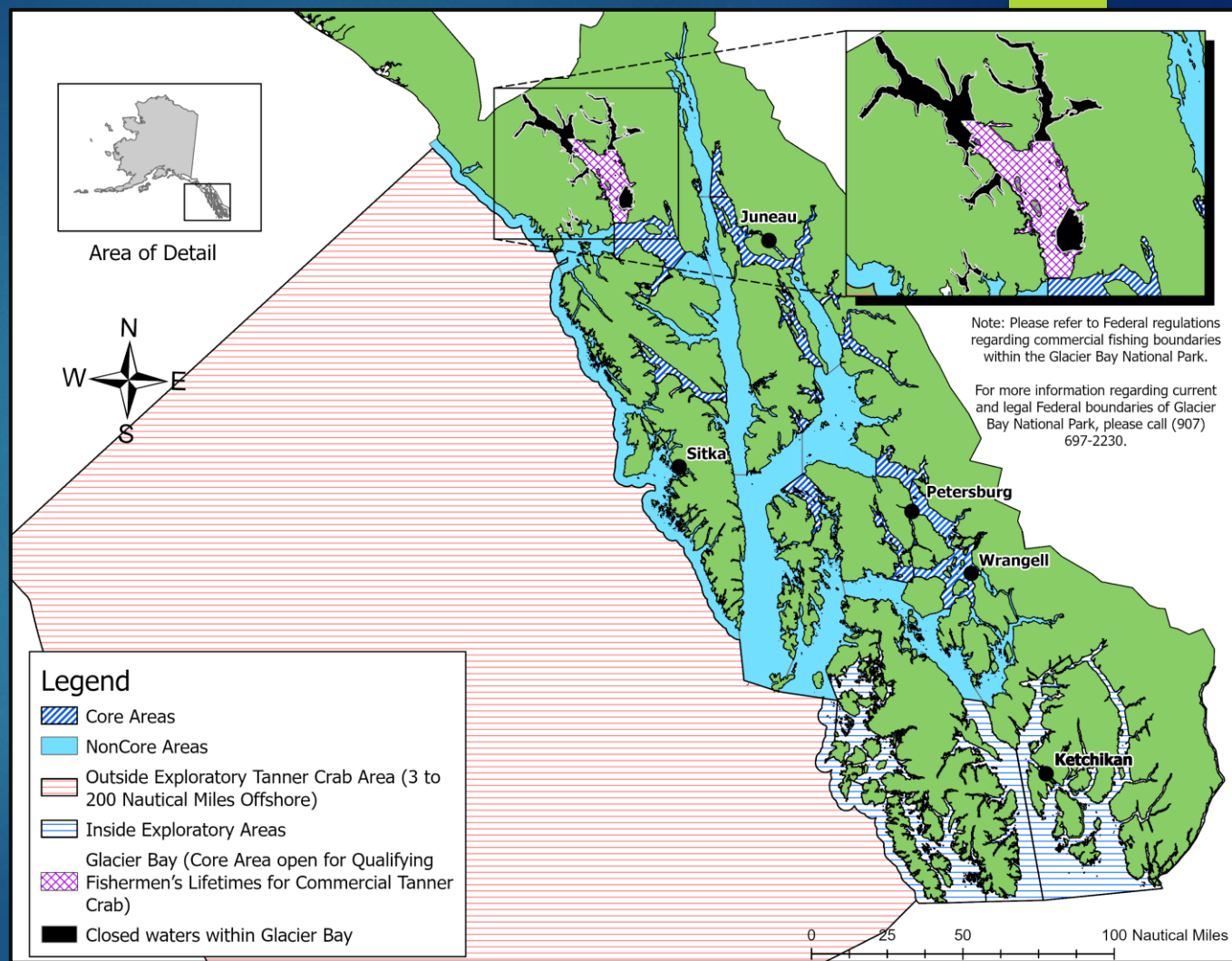


Pots Registered	Additional Fishing Days	Additional Fishing Days
	<i>Mature Biomass is Between 2,300,000 and 5,500,000 lb</i>	<i>Mature Biomass is Greater than 5,500,000 lb</i>
1,600 – 2,399	4 Additional Days	5 Additional Days
2,400 – 3,199	3 Additional Days	4 Additional Days
3,200 – 3,999	2 Additional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

2024

Commercial Tanner Crab Management Core, Noncore, Inside Exploratory, Outside Exploratory and Closed 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

Fall Survey:

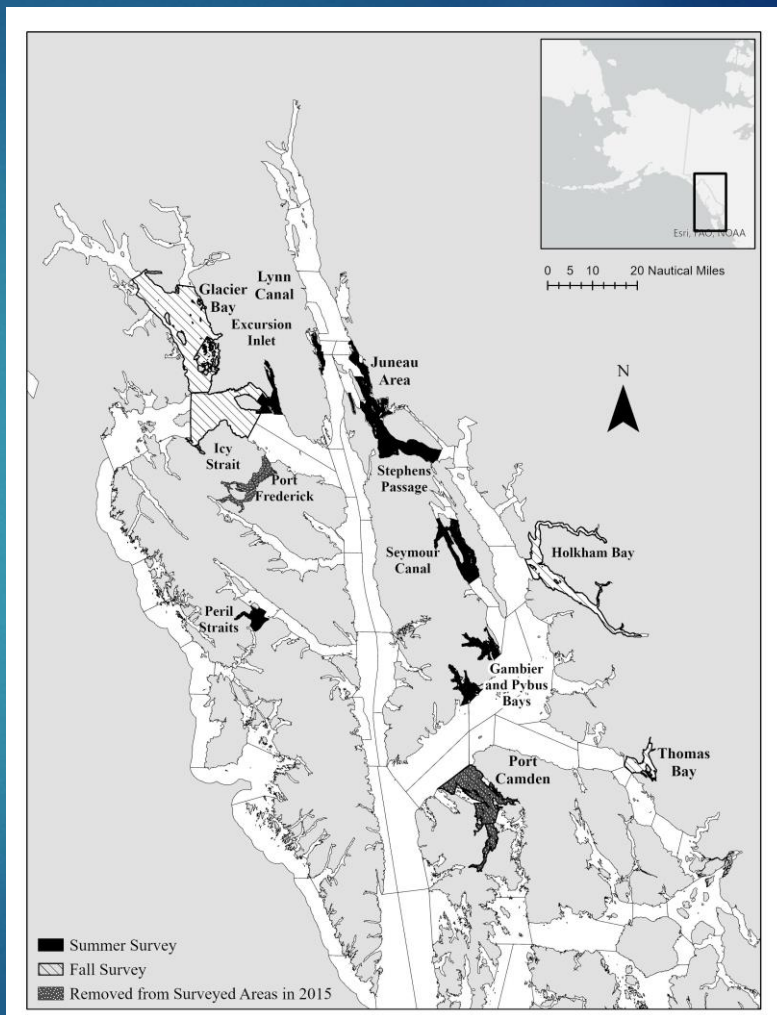
Icy Strait

Glacier Bay

Thomas Bay

Holkham Bay

Surveyed areas made up 69.3% of
2024 fishery



Highlights →

- **3.3 million pounds of mature male crab (>108 mm carapace width).**
- **2.21 million pounds of legal male crab (>140 mm carapace width).**
- **Decrease of 0.83 million pounds of legal male Tanner crab from the 2023 estimate.**

Stock Health:

- Poor in THREE areas.
- Below average in FOUR areas.
- Moderate in THREE areas.
- Above average in ONE area.
- Healthy in ONE area.

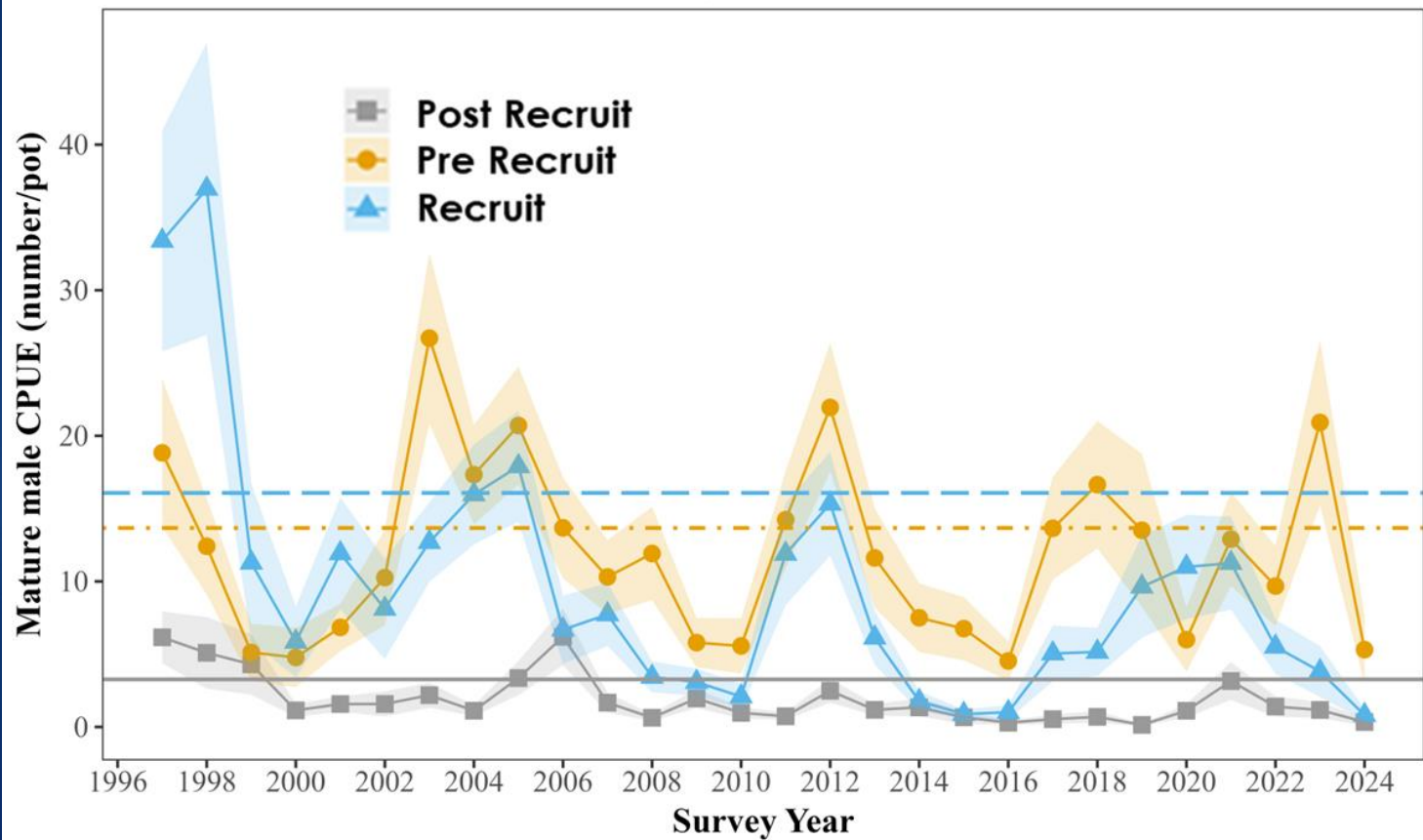
Bay by Bay Review

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Icy Strait

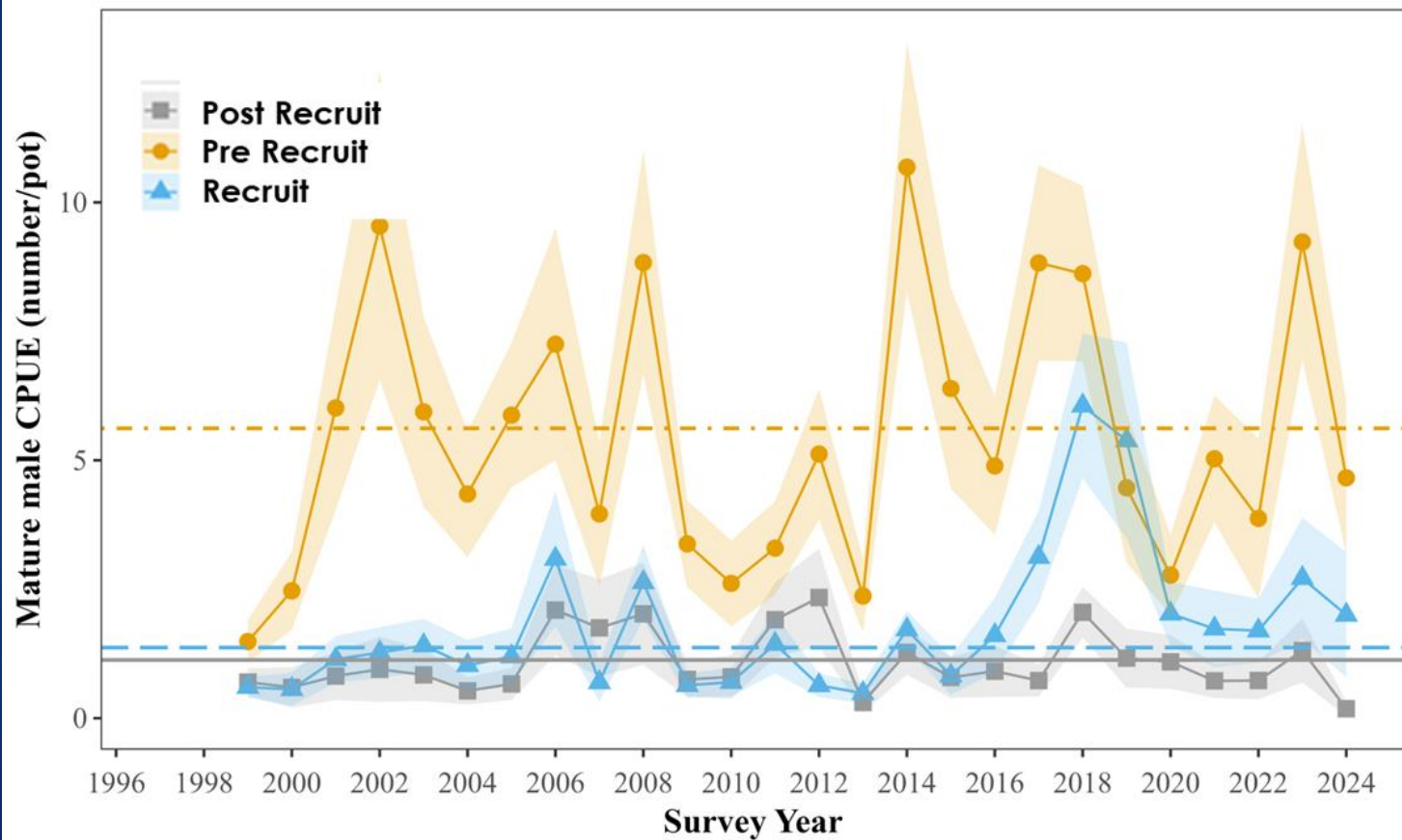
Icy Strait



- Stock status decreased from below average to poor
- Decrease in recruit and post-recruit male CPUE
- 3% of 2024 fishery

Glacier Bay

Glacier Bay

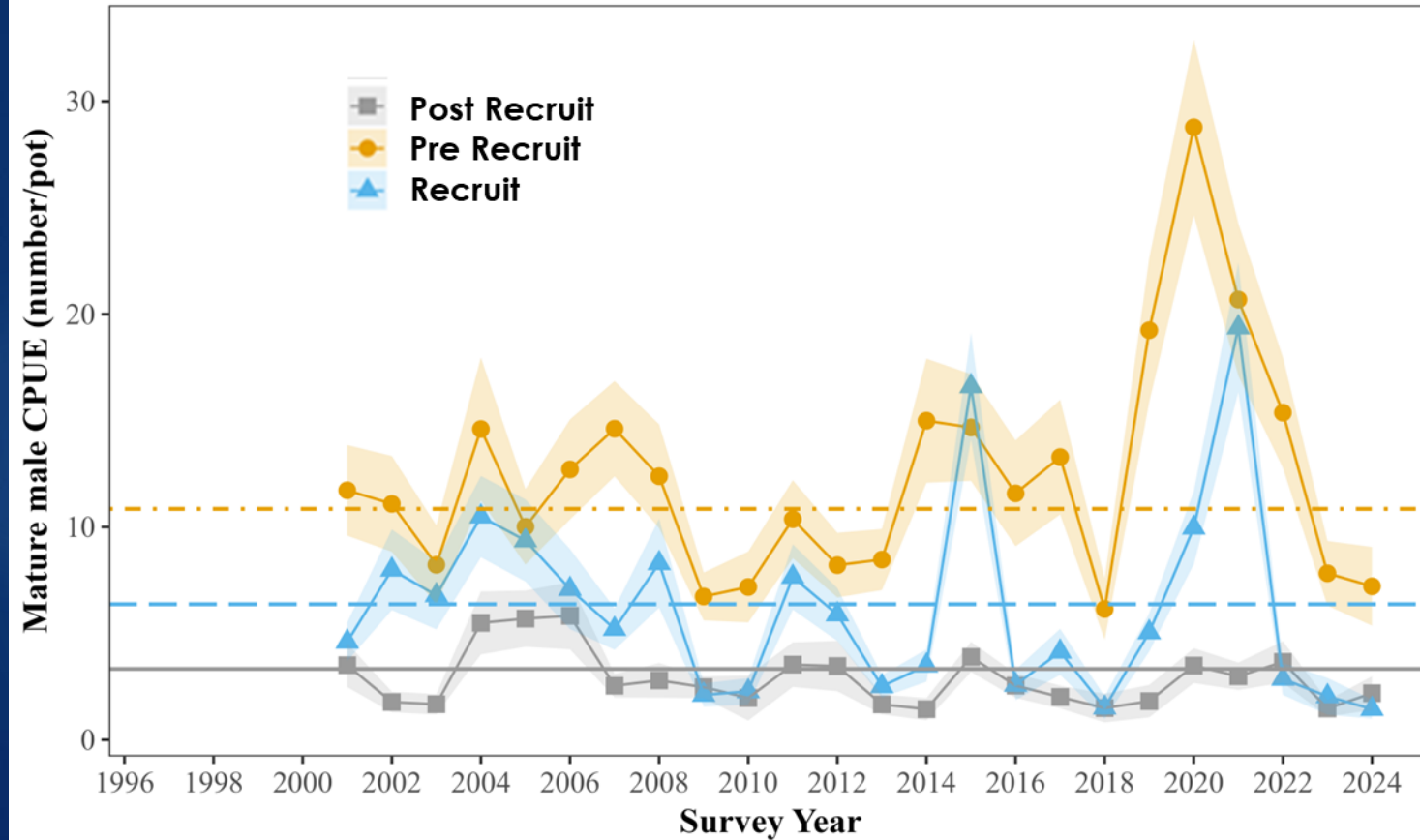


- Decrease from above average to moderate
- Decrease in pre-recruit, recruit mature male CPUE
- Made up 7.8% of 2024 harvest

Thomas Bay

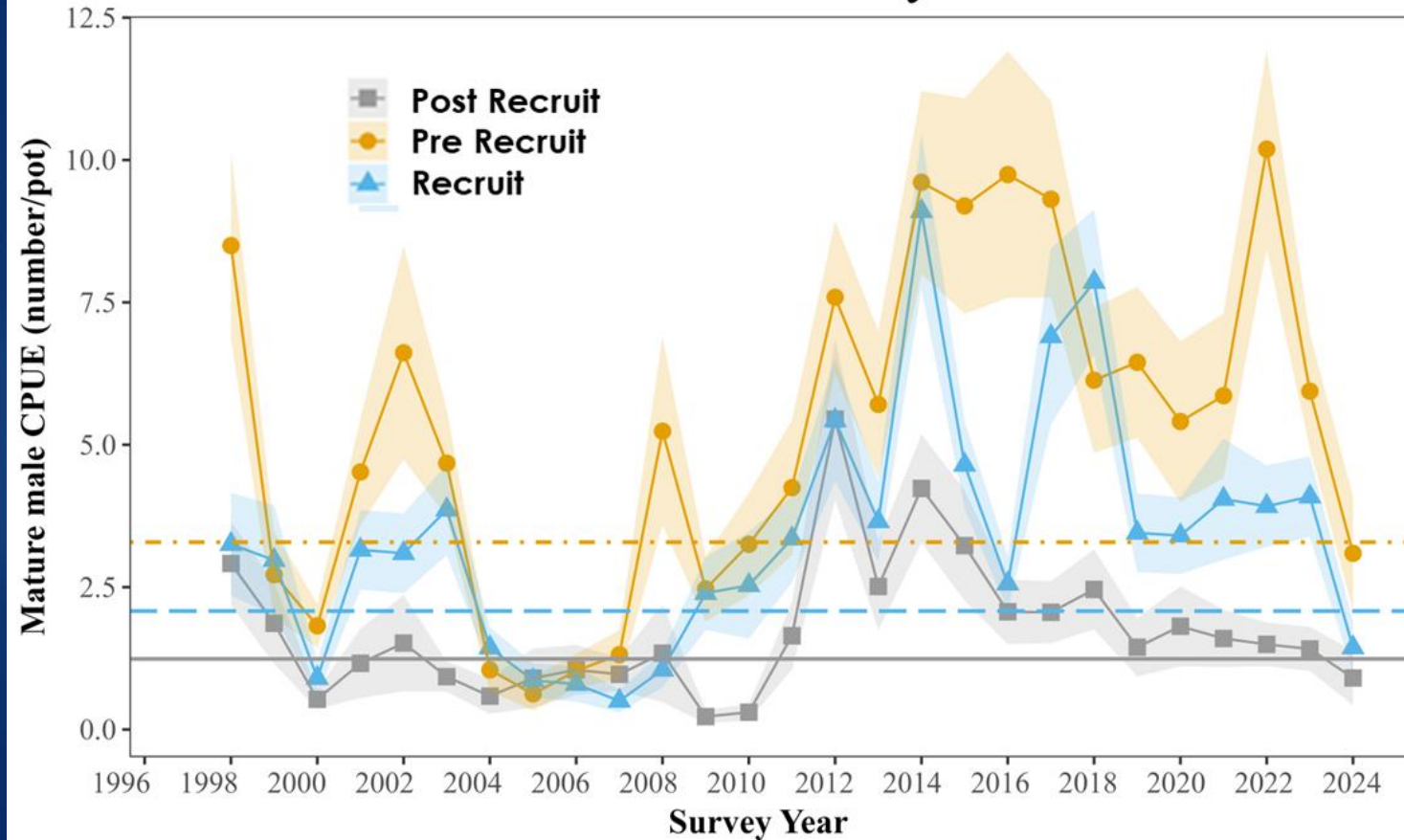
Thomas Bay

- Increased from below average to moderate
- 2.1% of the 2024 harvest



Holkham Bay

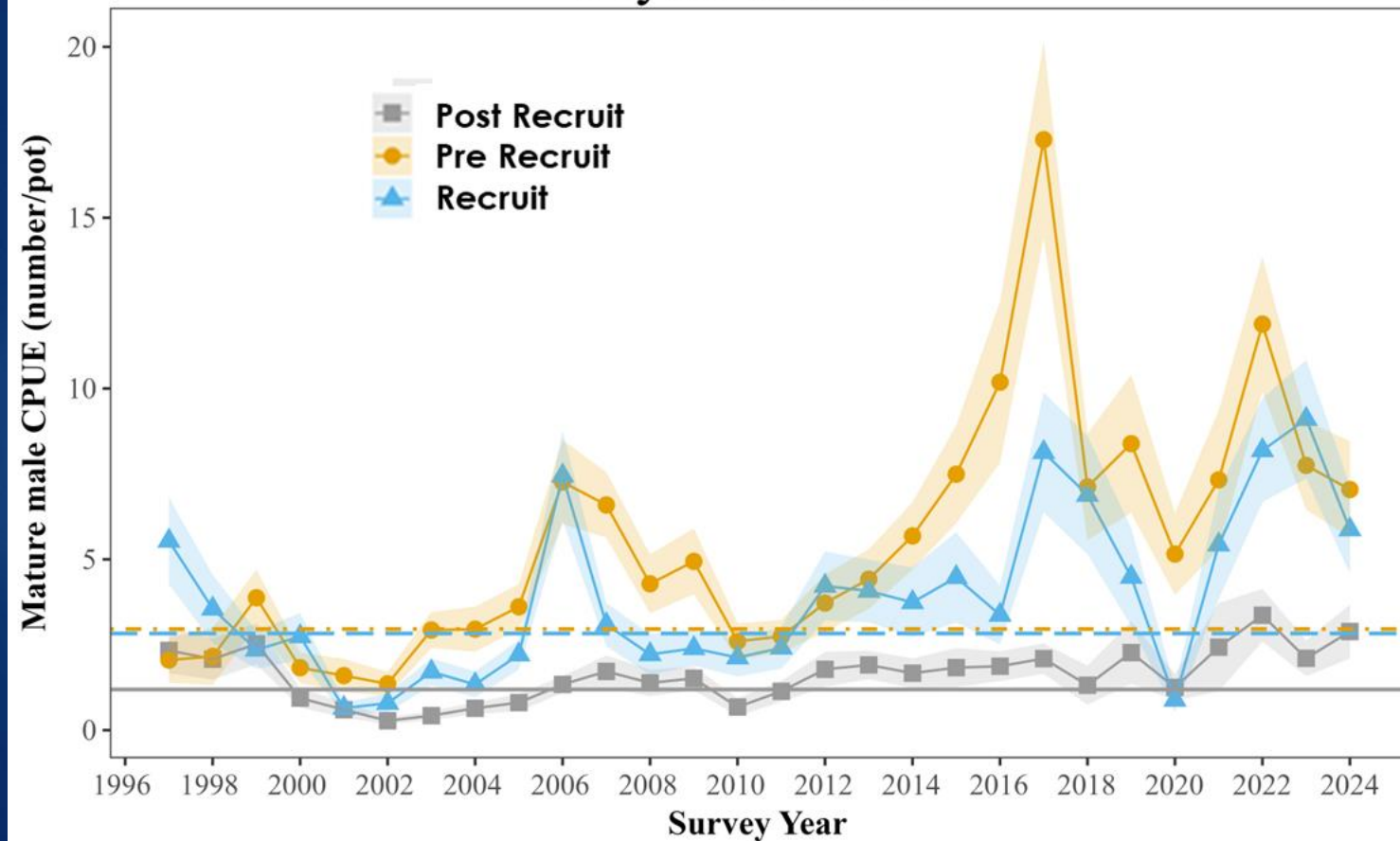
Holkham Bay



- Decreased from above average to moderate
- Decrease in all male CPUE
- 2.1% of 2024 harvest

Seymour Canal

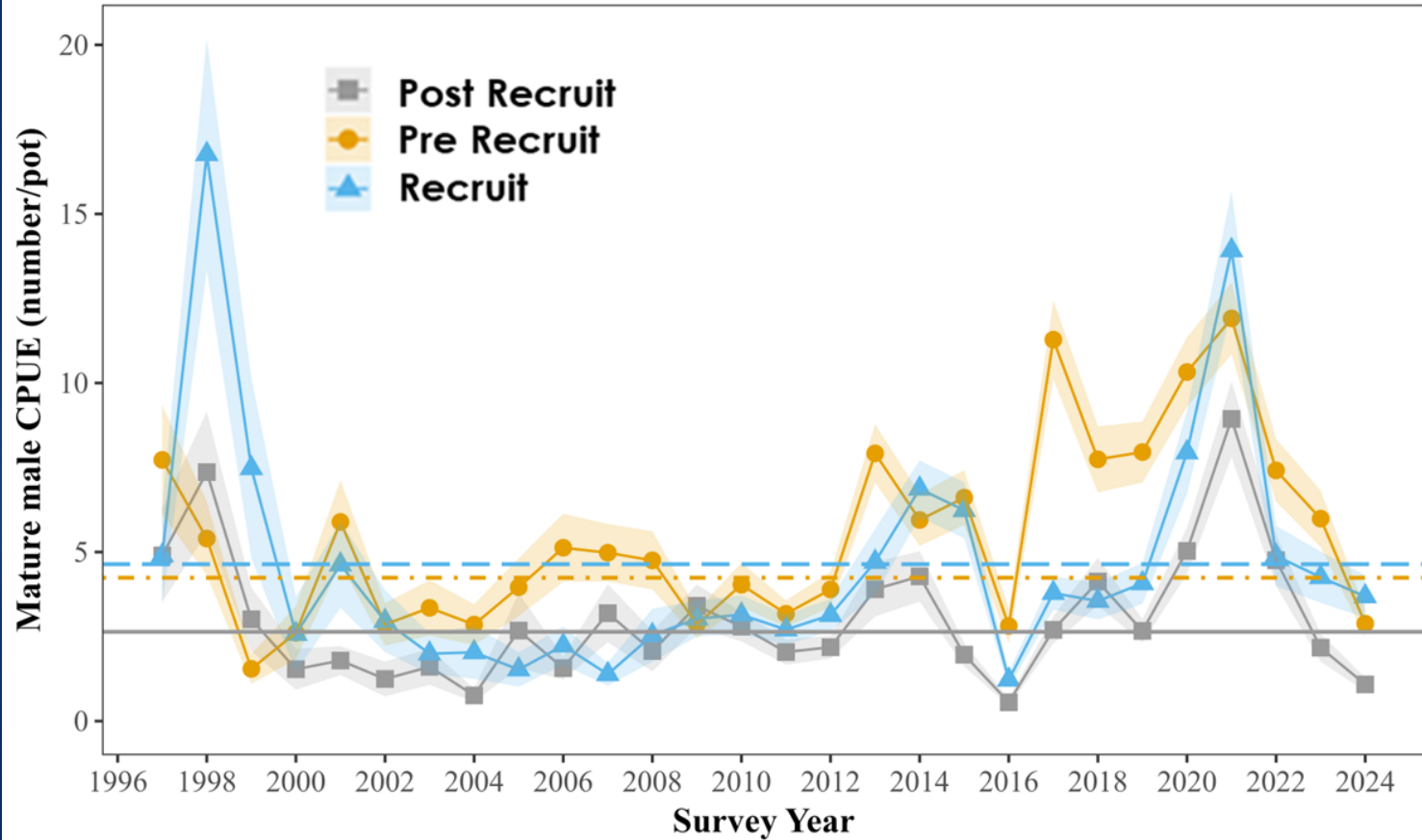
Seymour Canal



- Increased from above average to healthy
- All recruit classes above long term average
- 21% of 2024 harvest

Stephens Passage

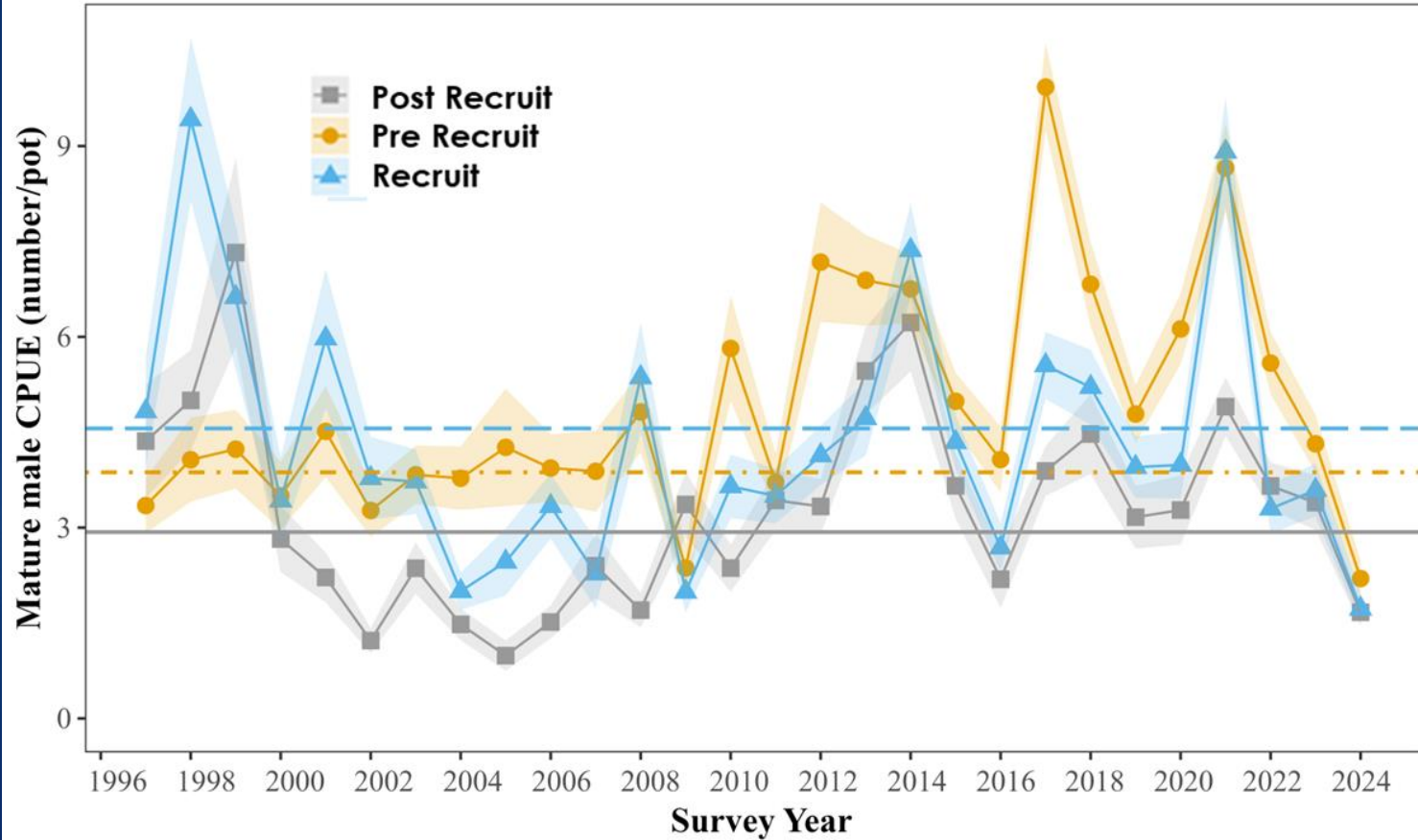
Stephens Passage



- Decreased from above average to below average
- Decrease in male CPUE
- 13.2% of 2024 harvest

North Juneau

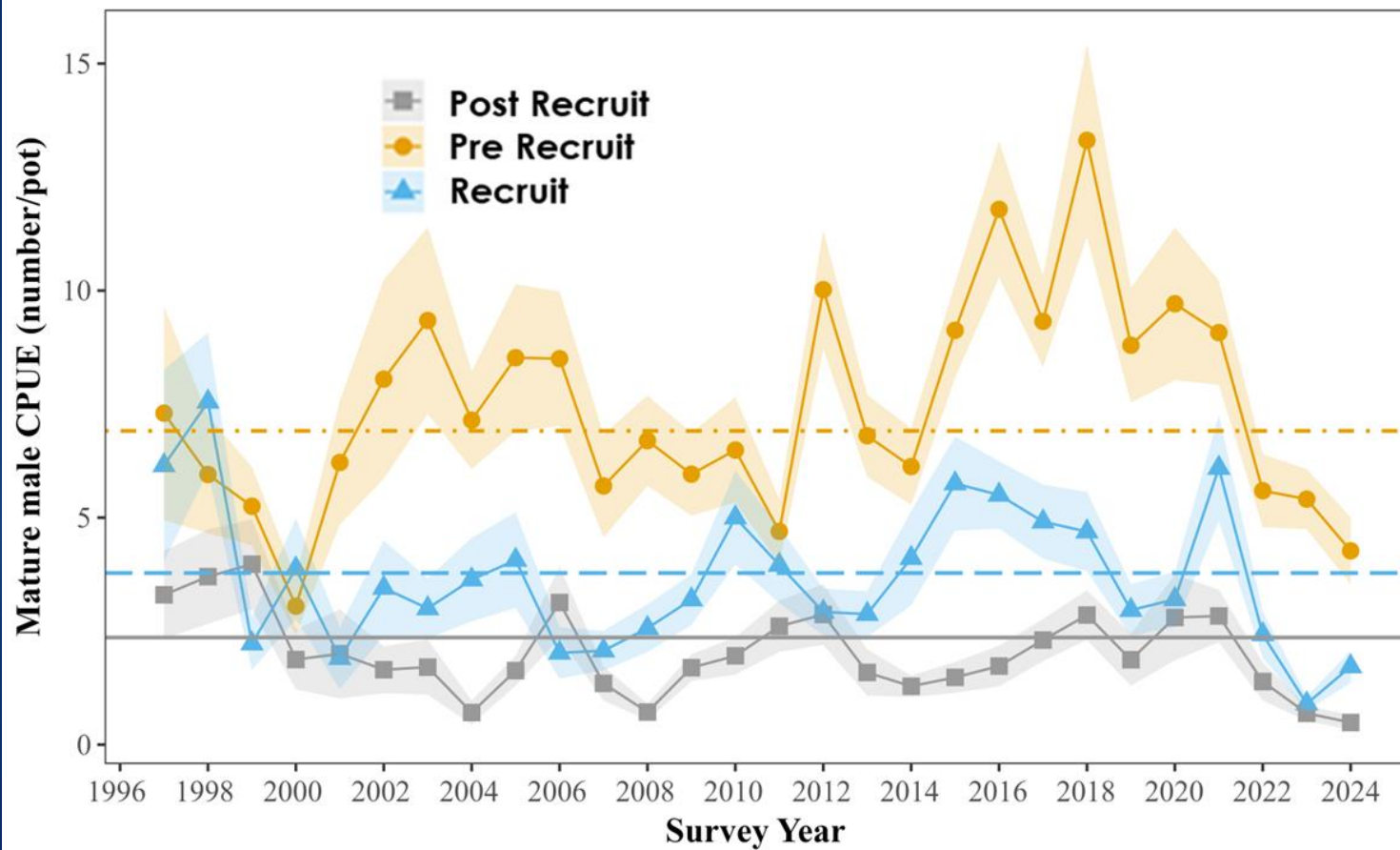
North Juneau



- Decreased from below average to poor
- Decrease in all Male CPUE and are below baseline CPUE
- 6.3% of 2024 harvest

Excursion Inlet

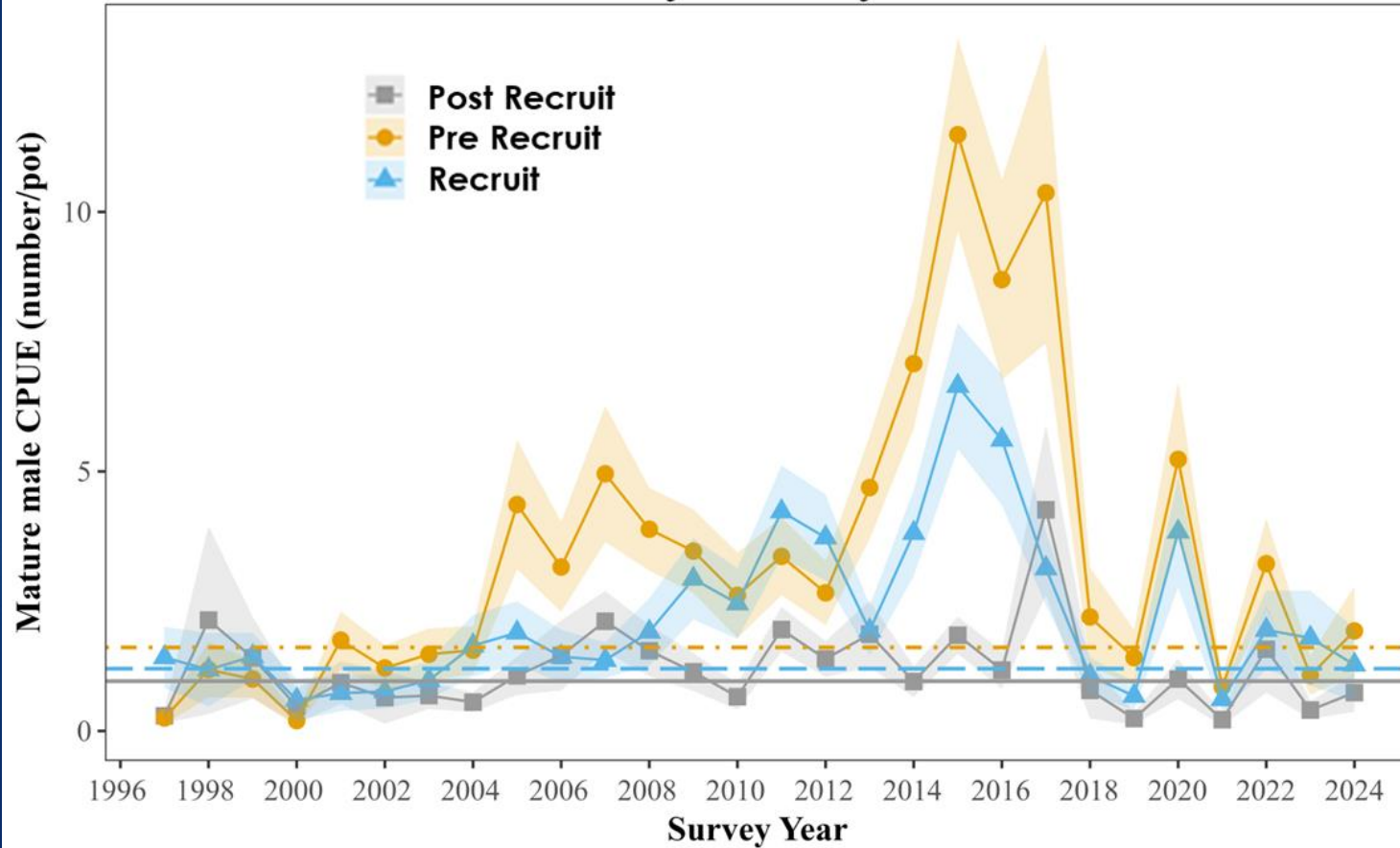
Excursion Inlet



- Increased from poor to below average
- All mature male CPUE below baseline value
- Uptick in recruit CPUE
- 1.5% of 2024 harvest

Pybus Bay

Pybus Bay

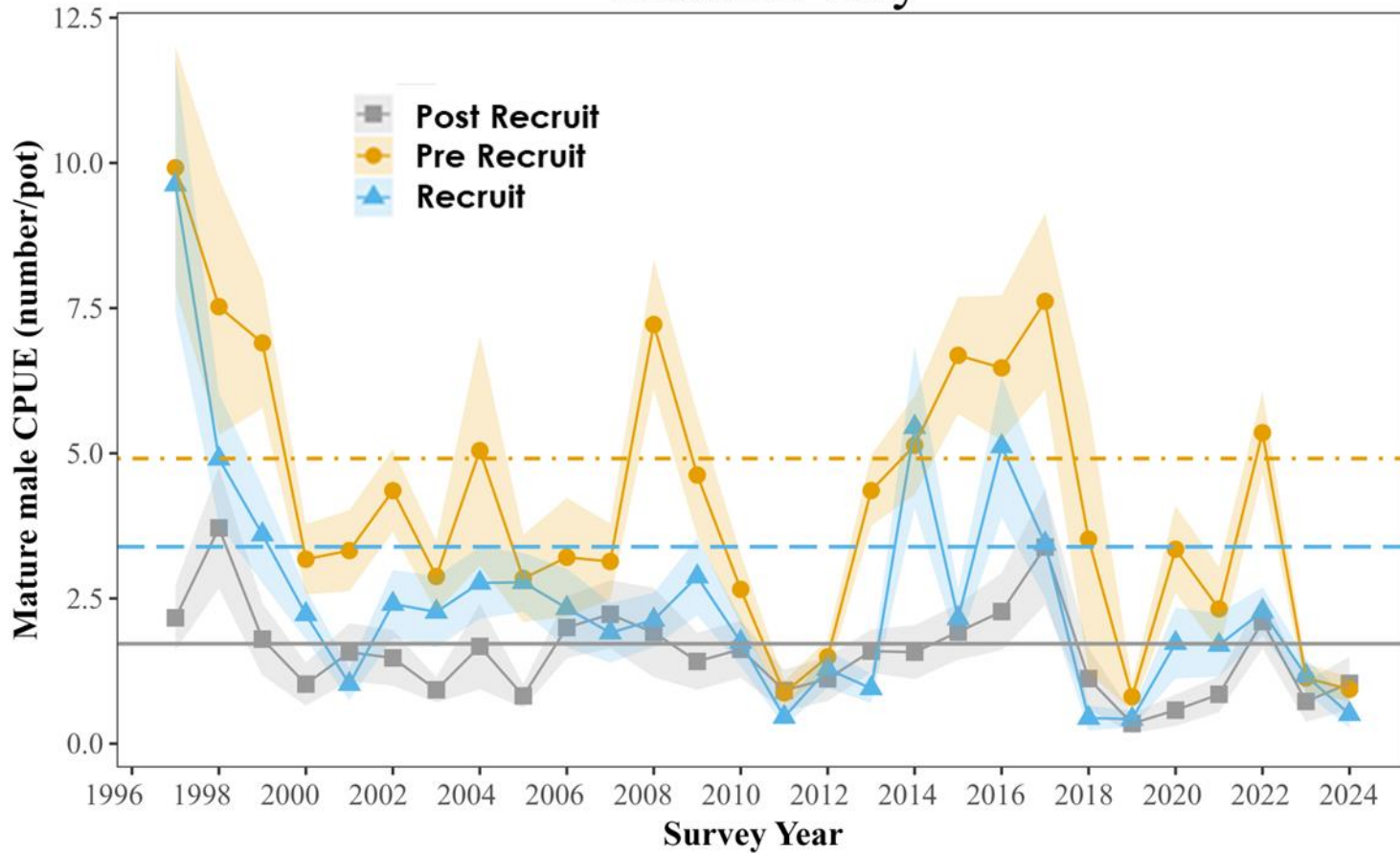


- Increased from moderate to above average status
- CPUE not significantly different from baseline
- 2.2% of 2024 harvest

Gambier Bay

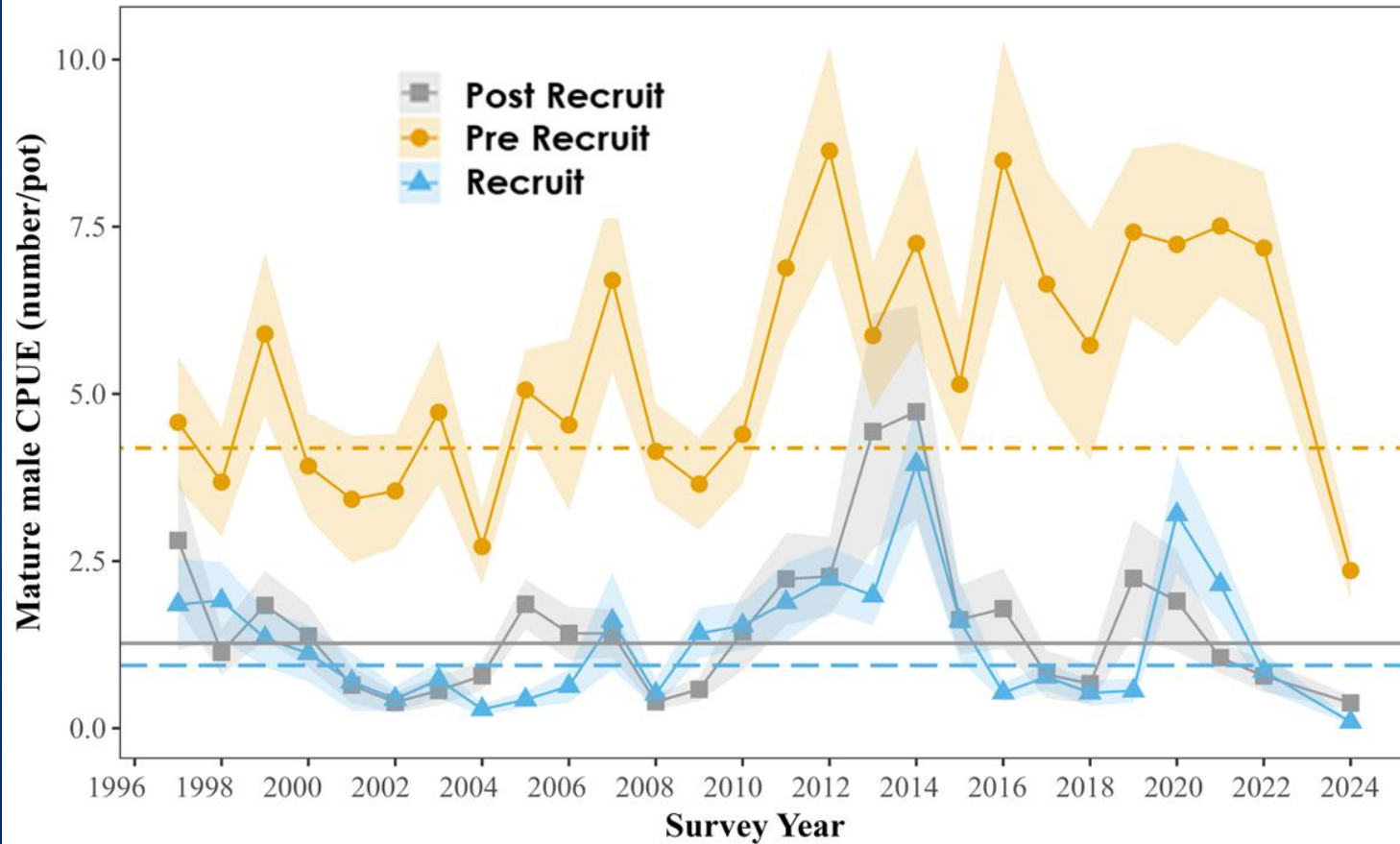
Gambier Bay

- Remained poor stock status
- All sex/size class CPUEs decreased to below long term avg
- 1.8% of 2024 harvest



Peril Strait

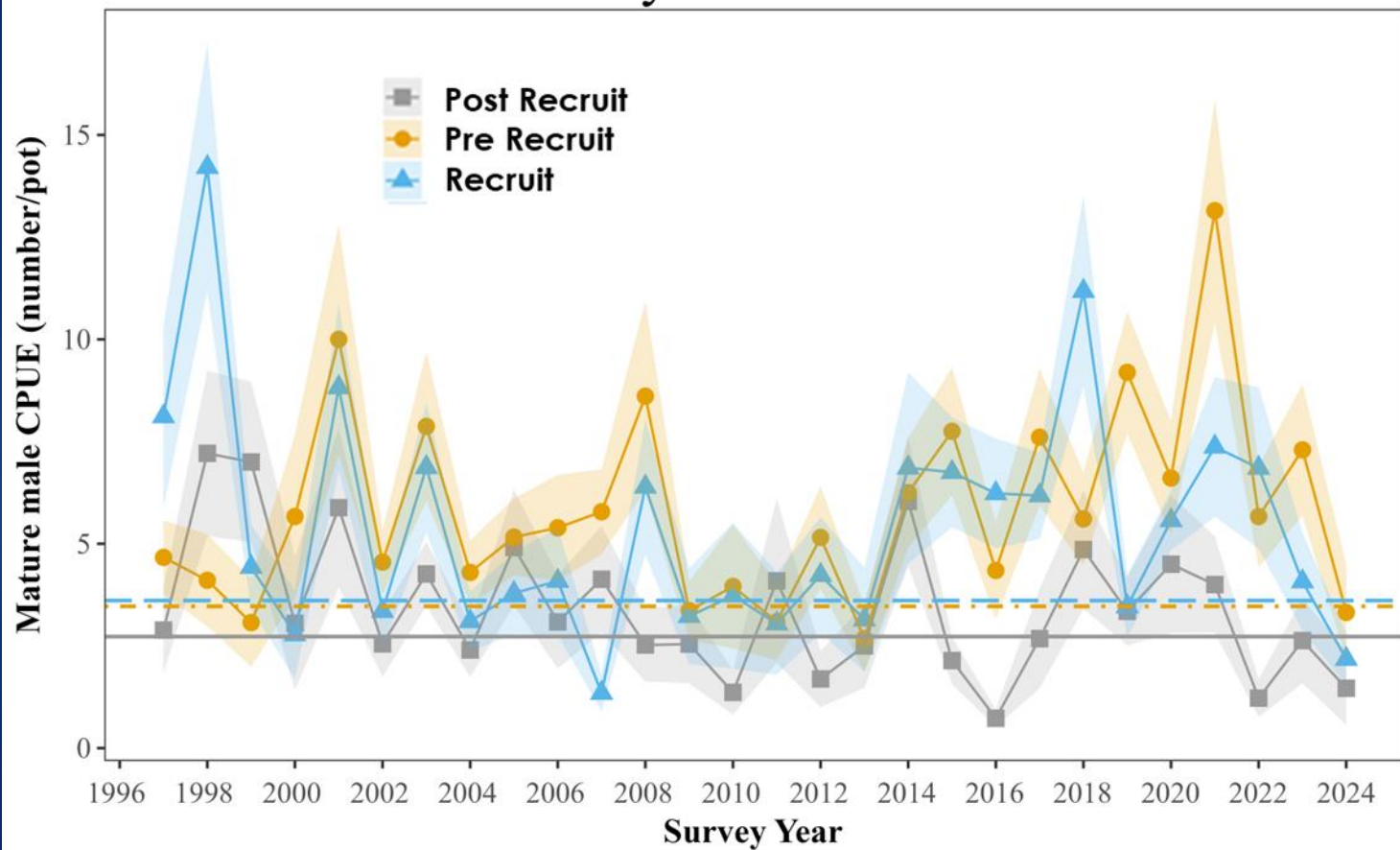
Peril Strait



- Decreased from moderate in 2022 to below average
- Decrease in all male CPUE and below baseline
- 1.2% of 2024 harvest

Lynn Sisters

Lynn Sisters



- Decreased from above average to below average
- Decrease in all male CPUE
- 0.9% of 2024 harvest

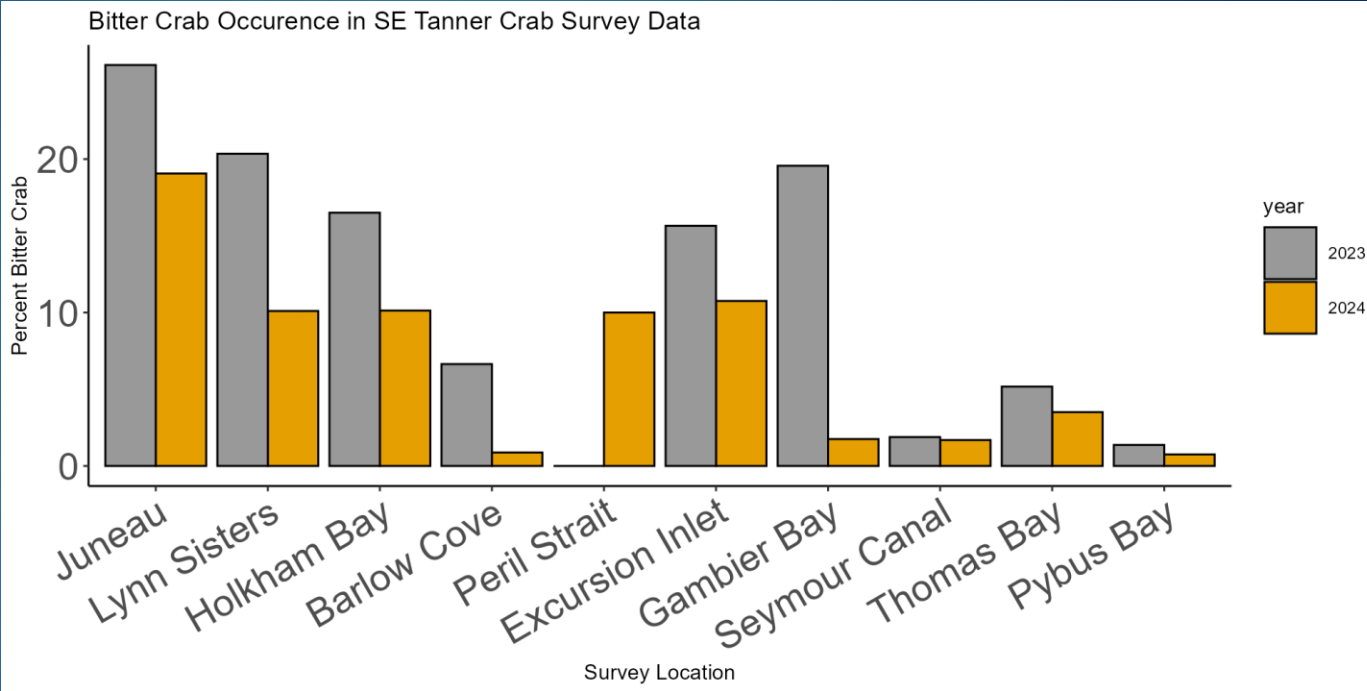
Bitter Crab

Survey

Location	% Bitter 2023	% Bitter 2024
Juneau	26.1	19.1
Lynn Sisters	20.3	10.1
Barlow Cove	6.6	0.88
Holkham Bay	16.5	10.1
Peril Strait	N/A	10.0
Excursion Inlet	15.7	10.8
Gambier Bay	19.6	1.8
Thomas Bay	5.2	5.2
Seymour Canal	1.9	1.9
Pybus Bay	1.4	0.8

Fishery

Fishery Sections	% Bitter 2023*	% Bitter 2024*
11-A	14	18
15-A	52	54
15-C & B	15	16



* Some bitter crab sorted at sea

Thanks!

