

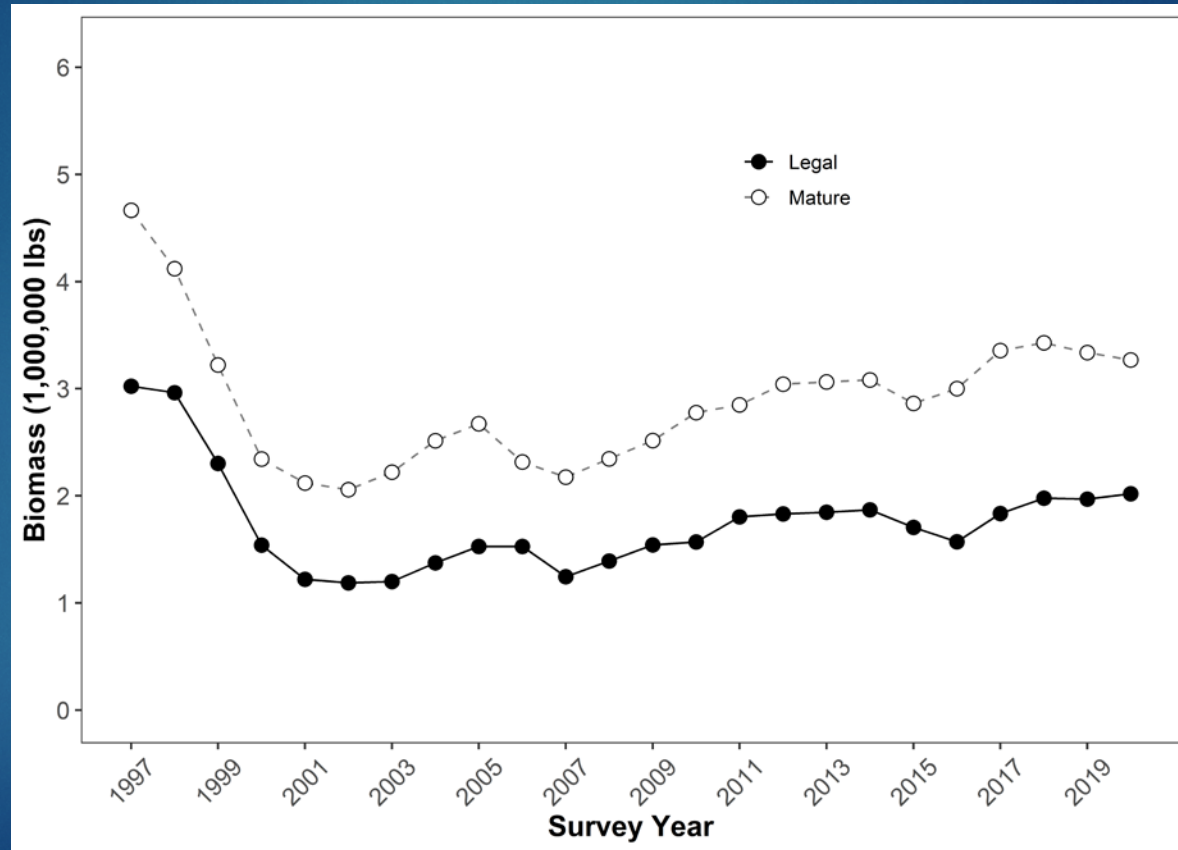



2020 Tanner Crab Survey Results



KING AND TANNER TASK FORCE MEETING
12.11.2020

Trends in Male Tanner crab: Mature and Legal Biomass Estimates





SEAK Mature
Tanner Crab
Biomass:

2019/2020

Estimate: 5.44 million pounds

2020/2021 (current season):

Estimate: 4.95 million pounds

Tanner Crab Harvest Strategy

5 AAC 35.113

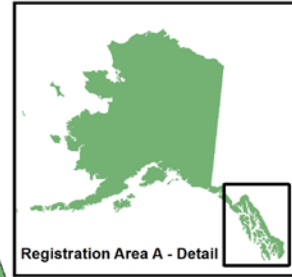
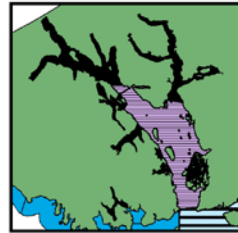
Pots Registered	Additional Fishing Days	Additional Fishing Days
	<i>Mature Biomass is Between 2,300,000 and 5,500,000 lb</i>	<i>Mature Biomass is Greater than 5,500,000 lb</i>
1,600 – 2,399	4 Additional Days	5 Additional Days
2,400 – 3,199	3 Additional Days	4 Additional Days
3,200 – 3,999	2 Additional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

2020/2021

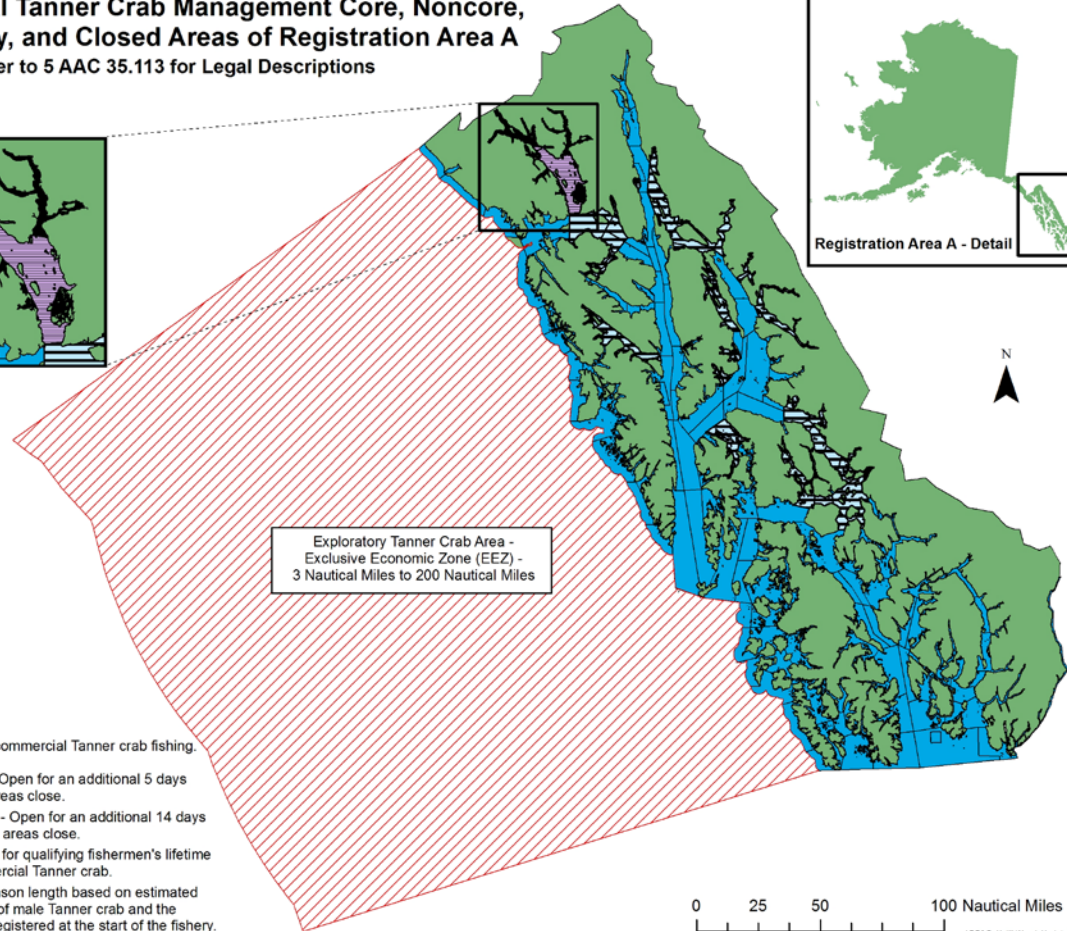
Core and Non-Core Survey Areas

Commercial Tanner Crab Management Core, Noncore, Exploratory, and Closed Areas of Registration Area A

Refer to 5 AAC 35.113 for Legal Descriptions



Registration Area A - Detail



Exploratory Tanner Crab Area - Exclusive Economic Zone (EEZ) - 3 Nautical Miles to 200 Nautical Miles

Legend

- Areas closed to commercial Tanner crab fishing.
- Noncore Areas - Open for an additional 5 days after the 'Core' areas close.
- ▨ Exploratory Area - Open for an additional 14 days after the noncore areas close.
- ▨ Core Areas open for qualifying fishermen's lifetime permit for commercial Tanner crab.
- ▨ Core Areas - Season length based on estimated mature biomass of male Tanner crab and the number of pots registered at the start of the fishery.

0 25 50 100 Nautical Miles

ADF&G, Kelli Wood, Updated 2018

Catch Survey Analysis (CSA) Overview



2015 CSA Changes:

- Port Camden and Port Frederick removed from survey.
- Stephens Passage removed from fall crab survey, but Tanner crab abundance is still assessed through summer crab survey.

Highlights →

- 4.95 million pounds of mature male crab (>108 mm carapace width).
- 3.06 million pounds of legal male crab (>140 mm carapace width).
- Decrease of 0.49 million pounds of legal male Tanner crab (-9%) from the 2019 estimate.

Stock Health:

- Poor in TWO areas
- Below average in TWO areas
- Moderate in TWO areas.
- Above average in FOUR areas.
- Healthy in TWO areas.

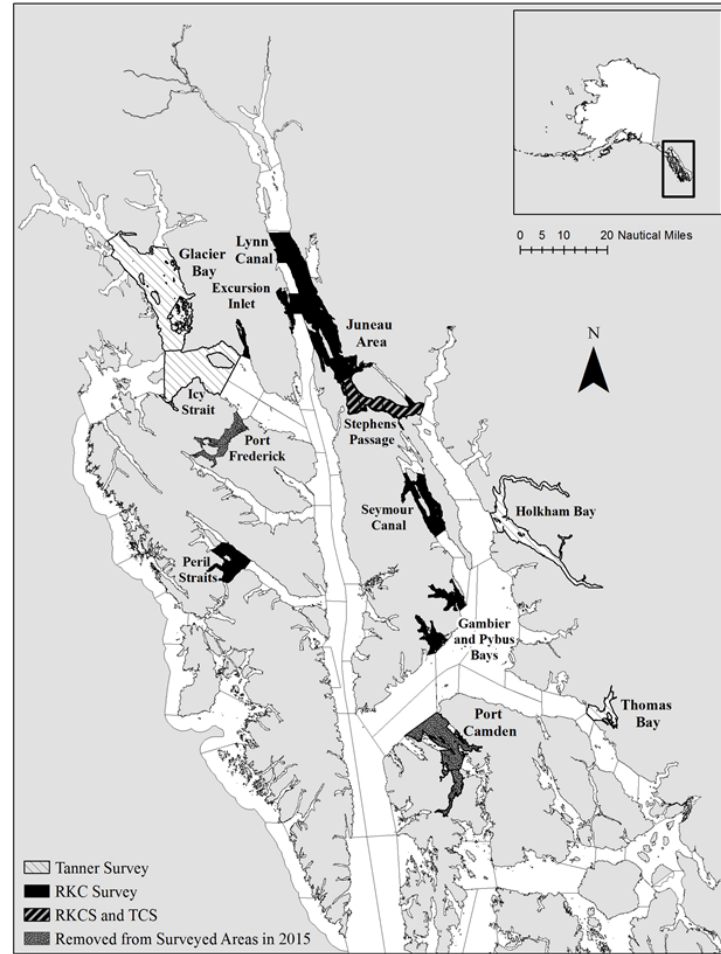
Survey Areas

Tanner Crab:

Icy Strait
Glacier Bay
Thomas Bay
Holkham Bay

Red King Crab:

Stephens Passage
Seymour Canal
North Juneau
Excursion Inlet
Pybus Bay
Gambier Bay
Peril Strait
Lynn Sisters

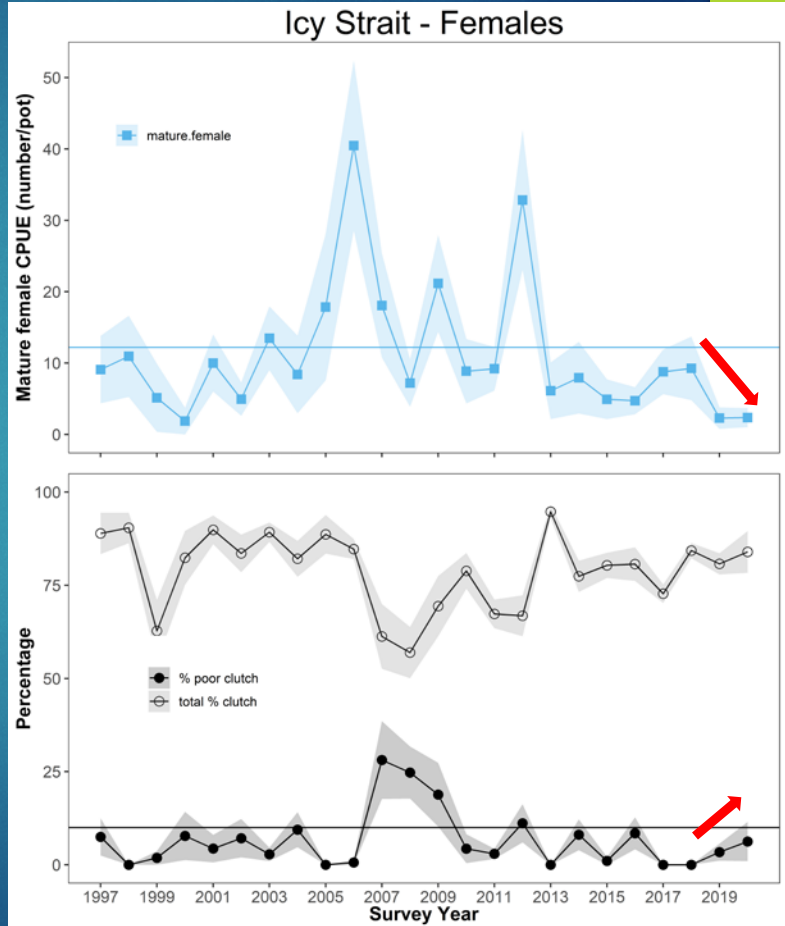
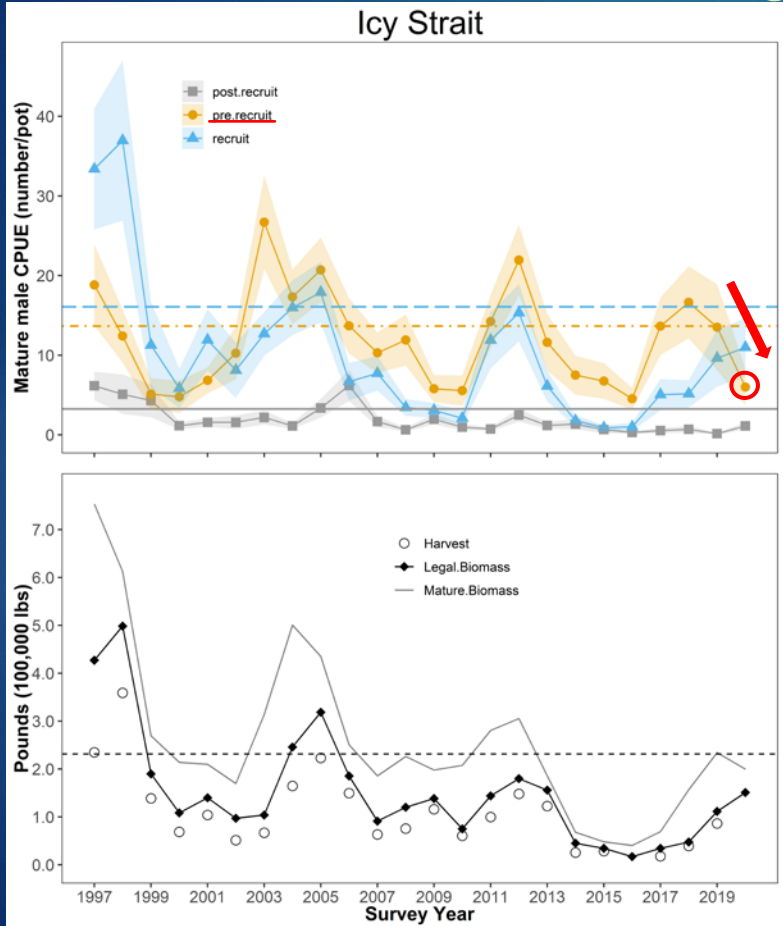


Bay by Bay Review

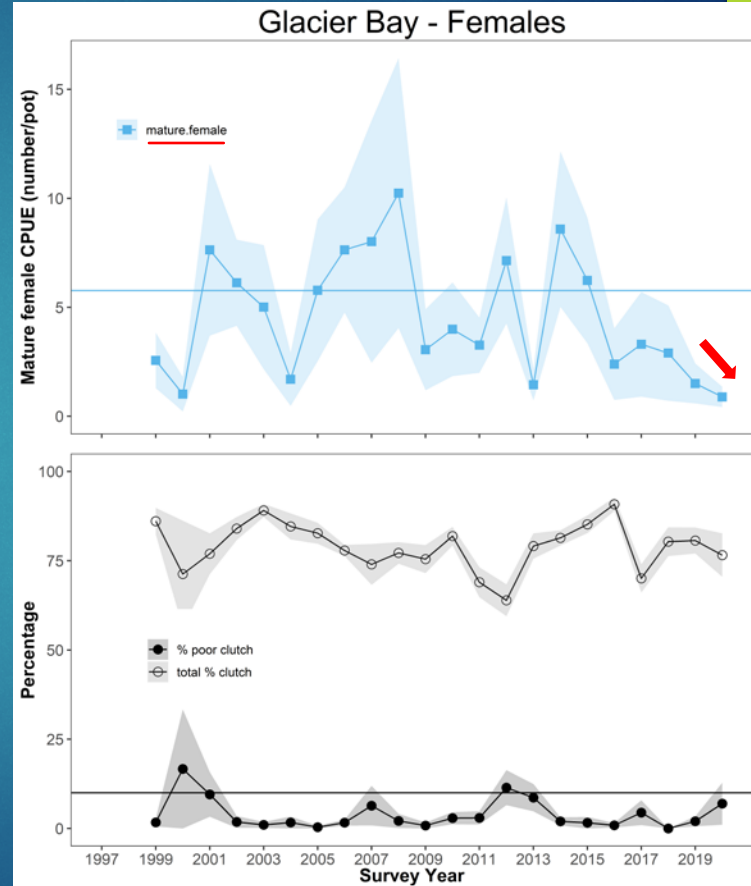
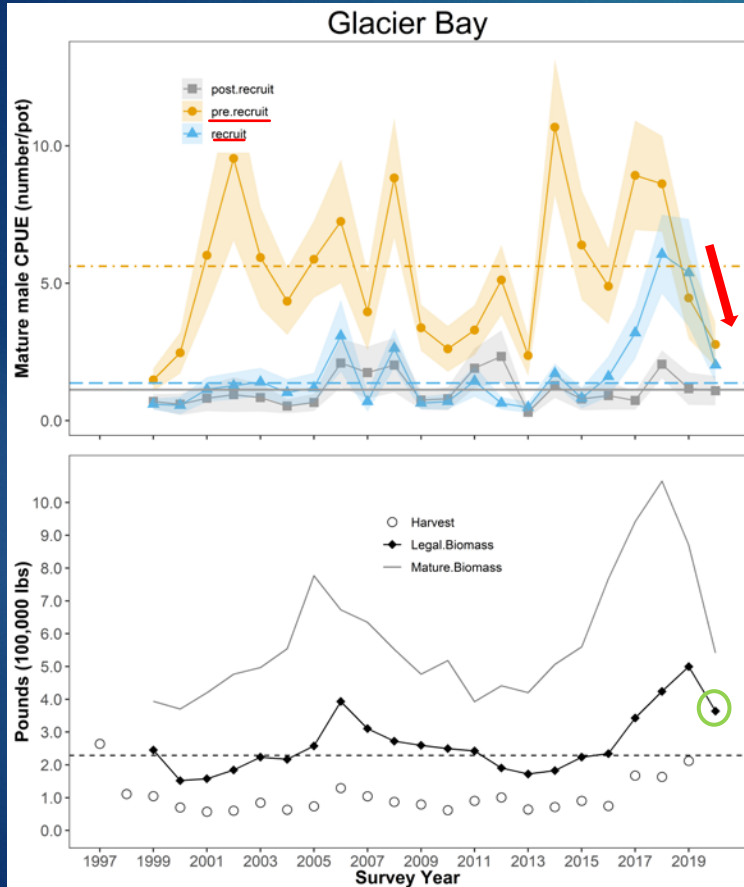
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Icy Strait

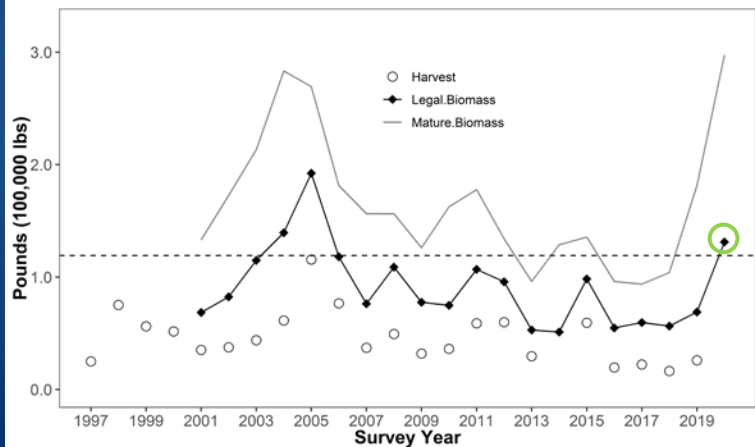
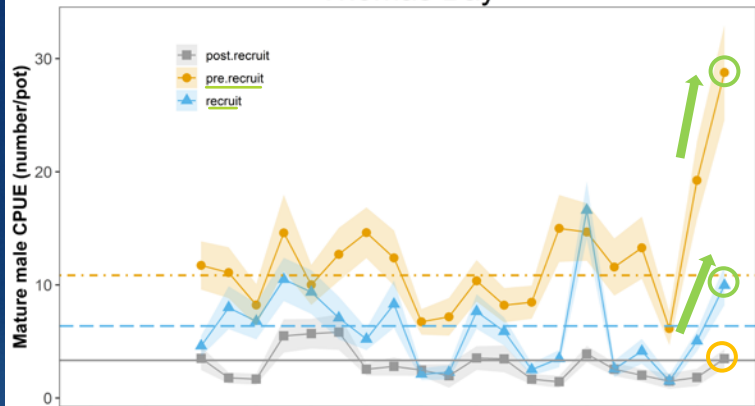


Glacier Bay

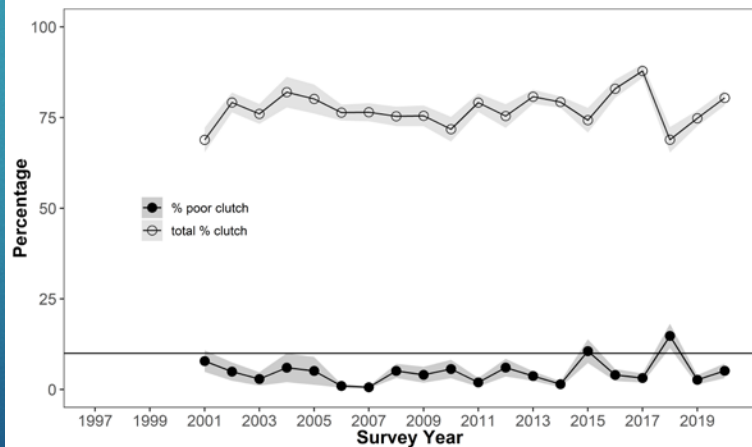
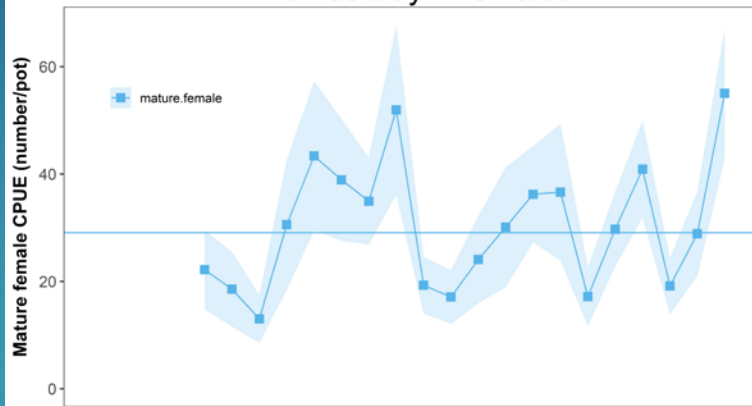


Thomas Bay

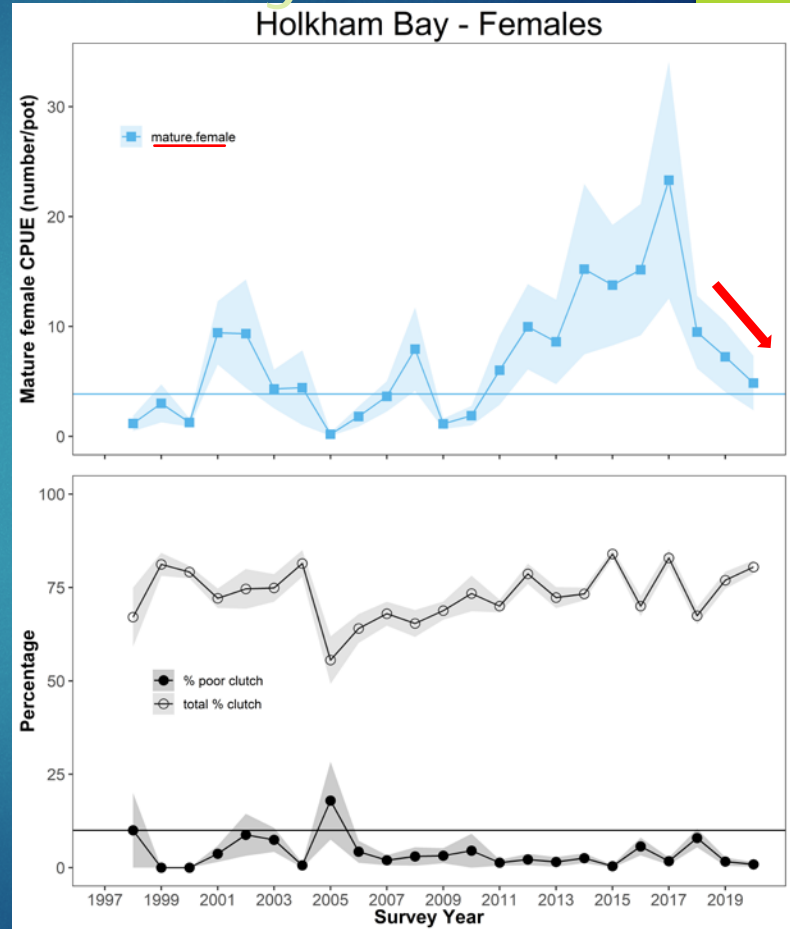
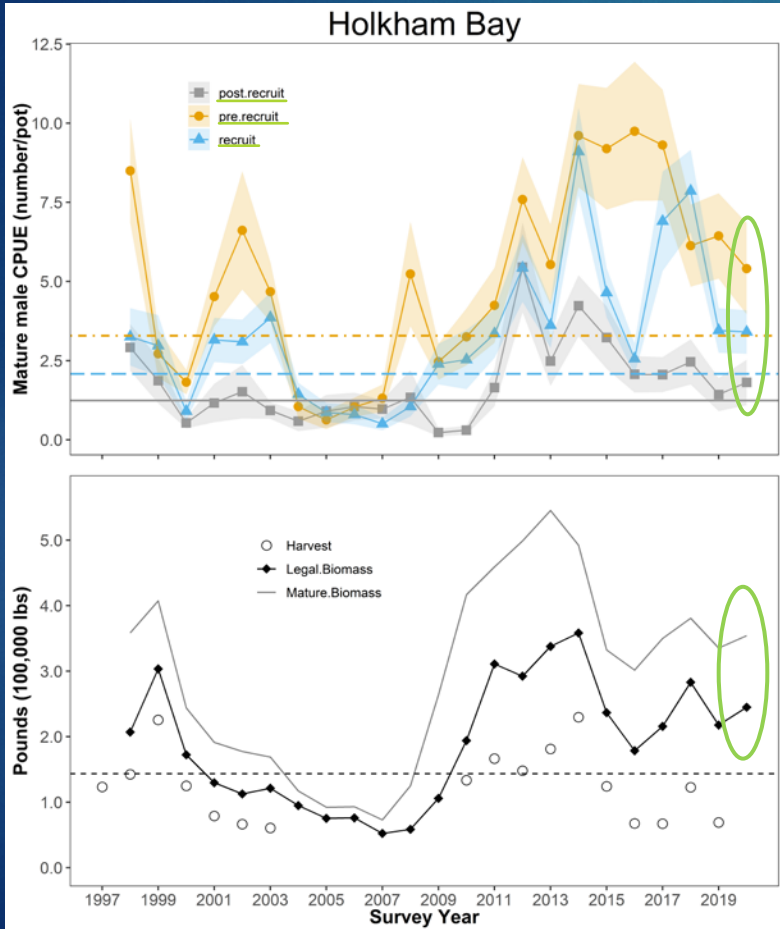
Thomas Bay



Thomas Bay - Females

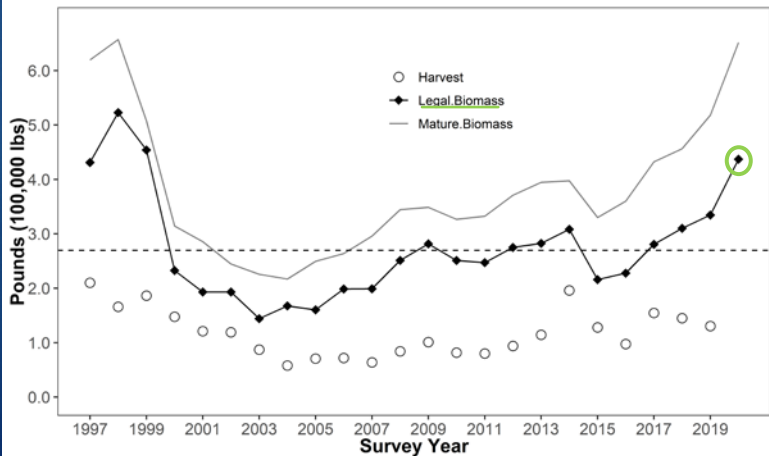
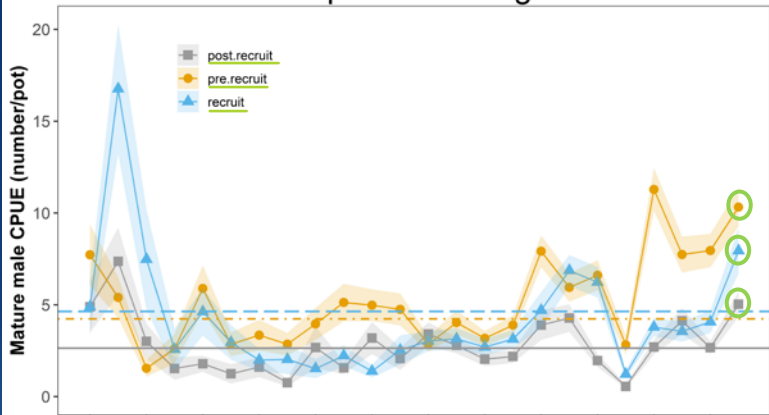


Holkham Bay

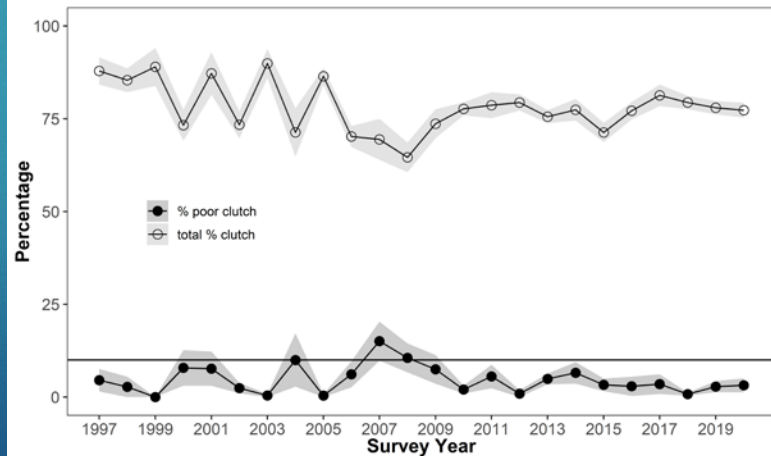
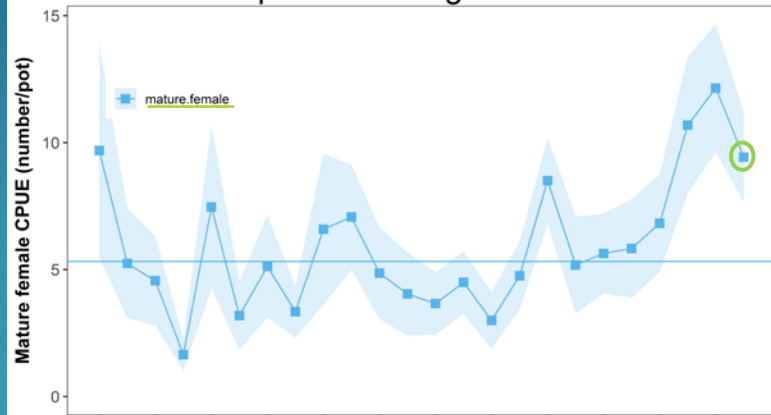


Stephens Passage

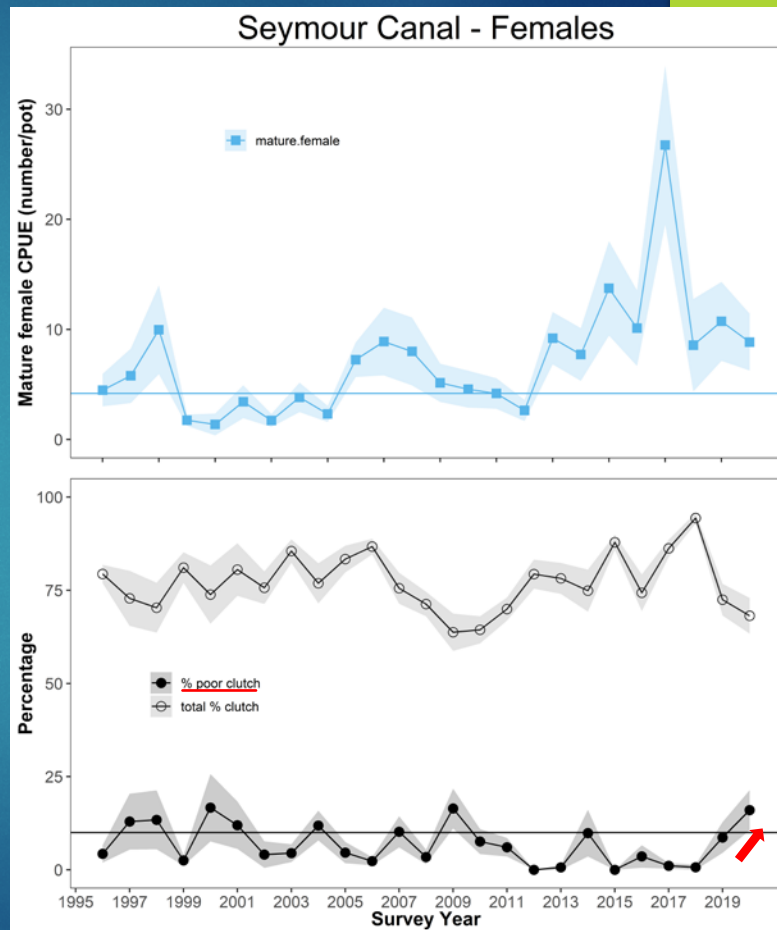
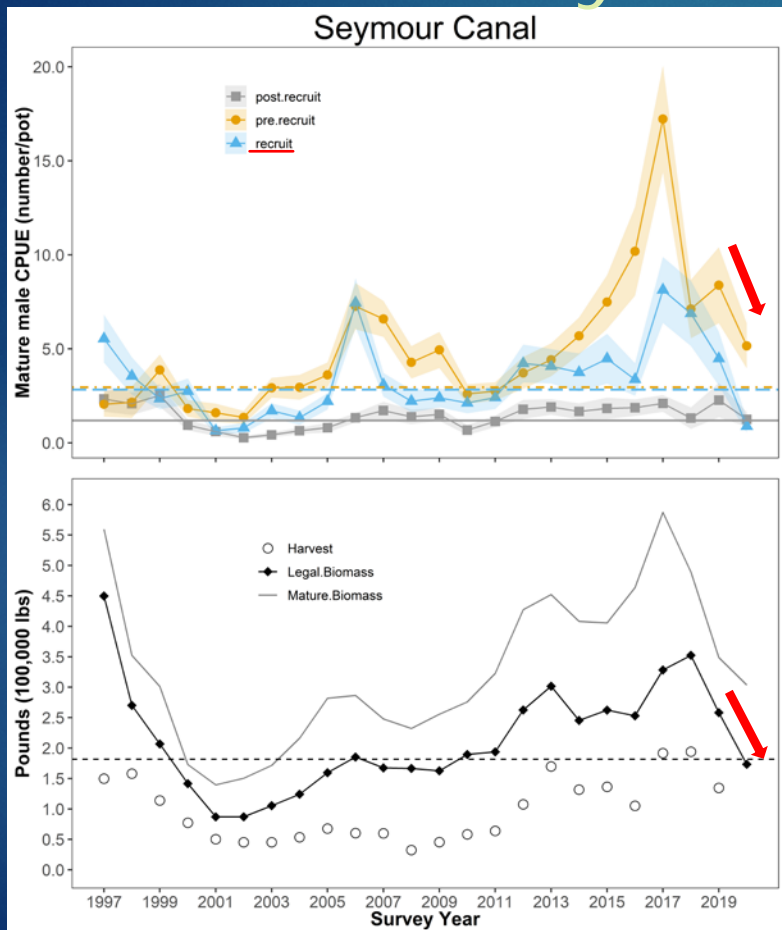
Stephens Passage



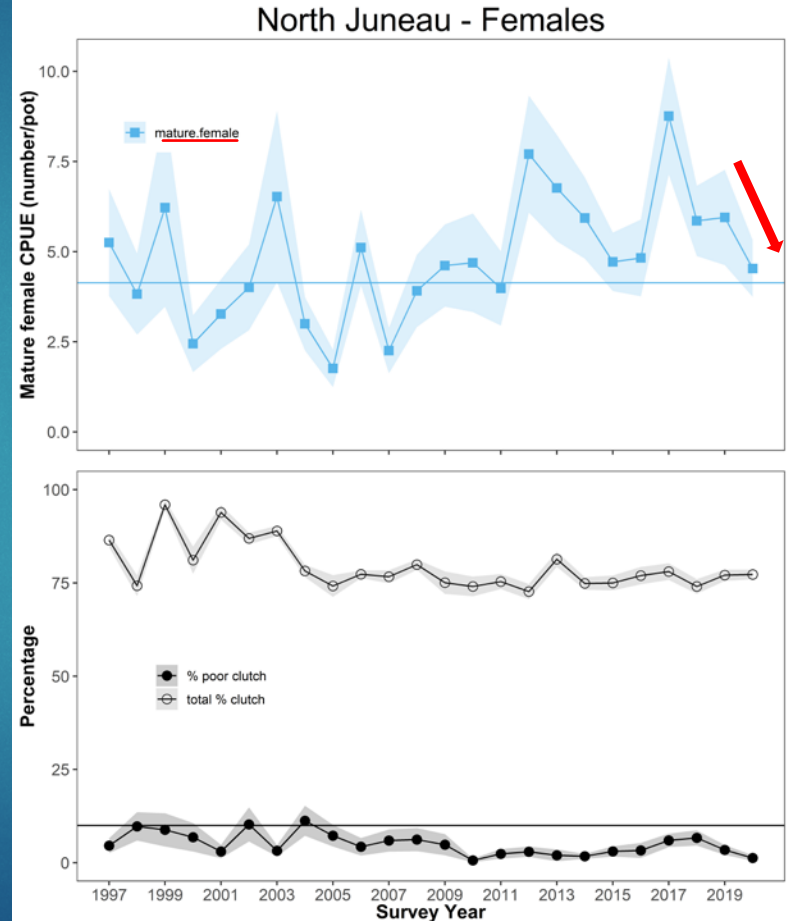
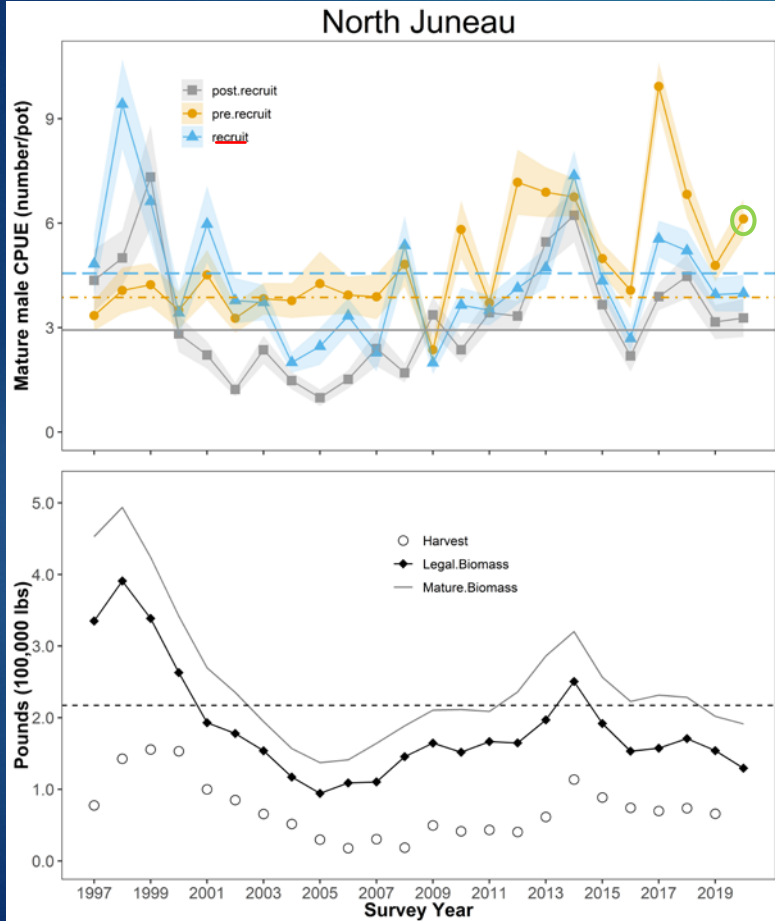
Stephens Passage - Females



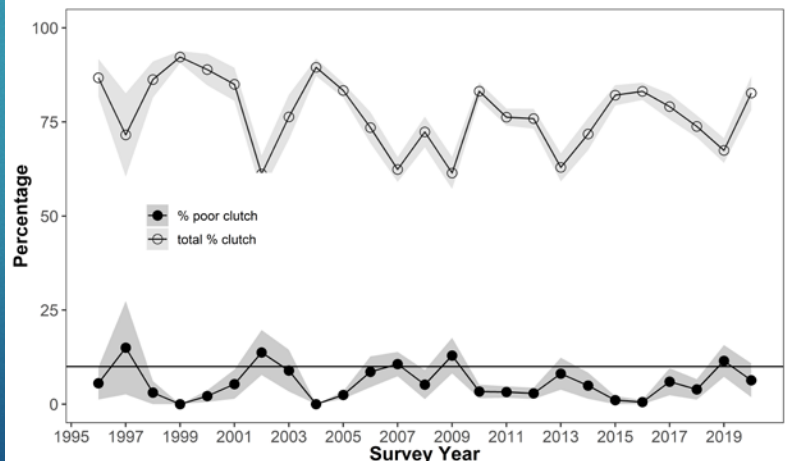
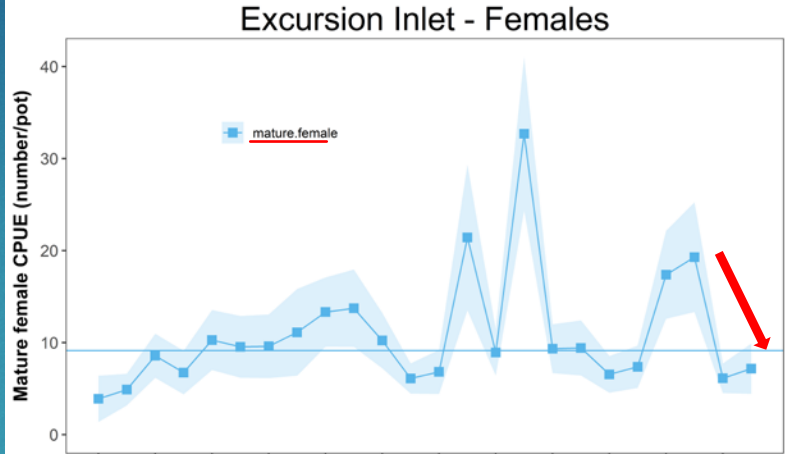
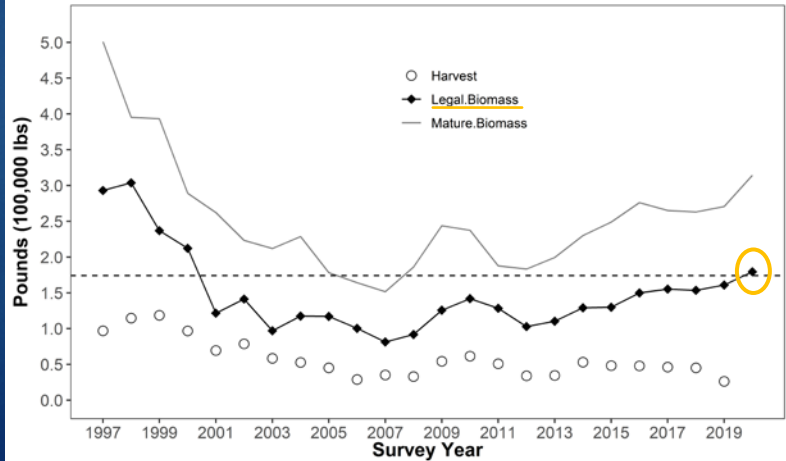
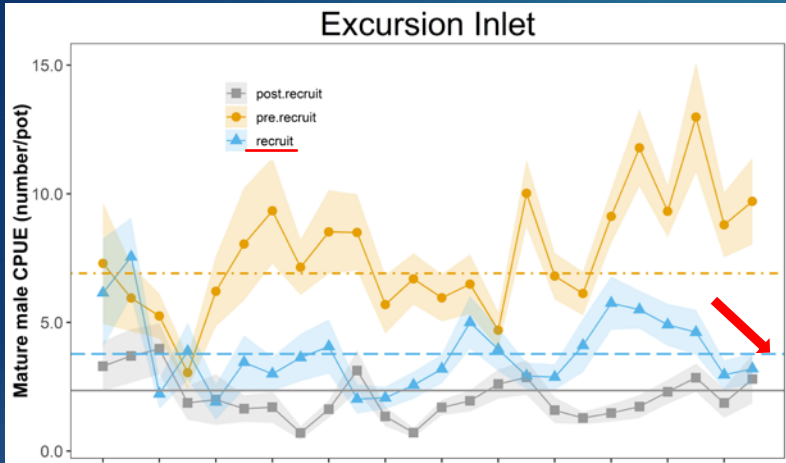
Seymour Canal



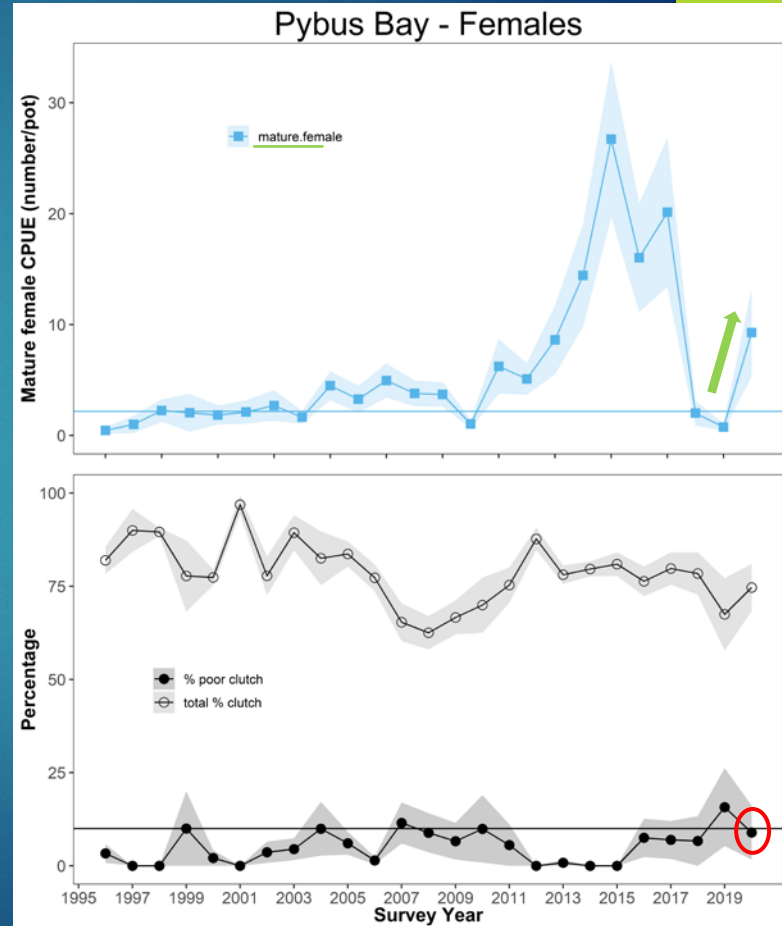
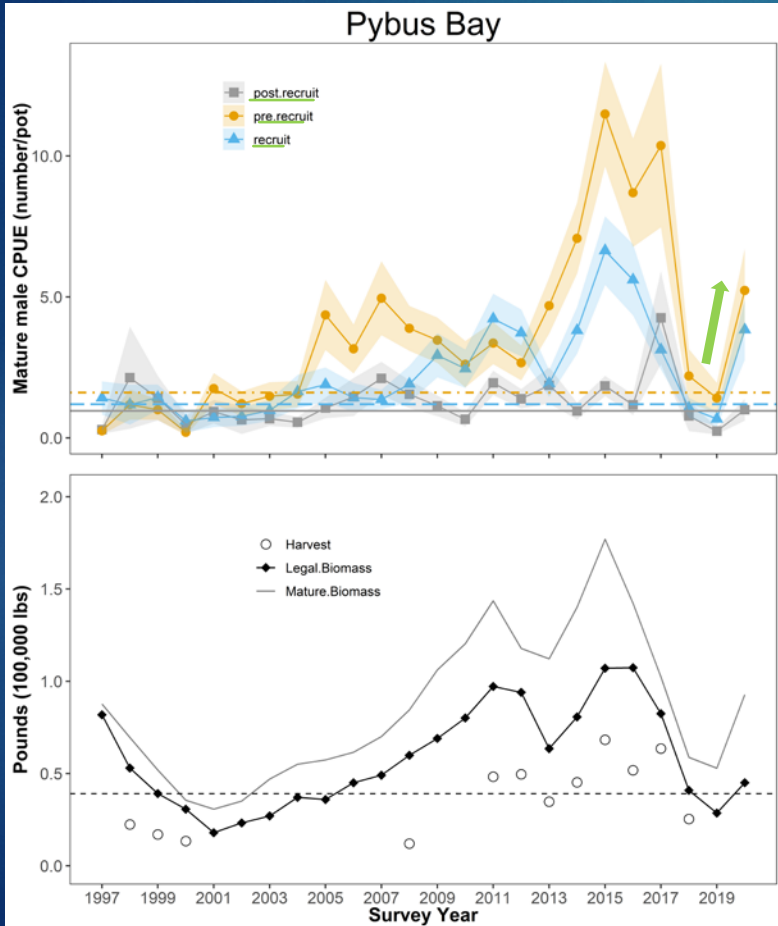
North Juneau



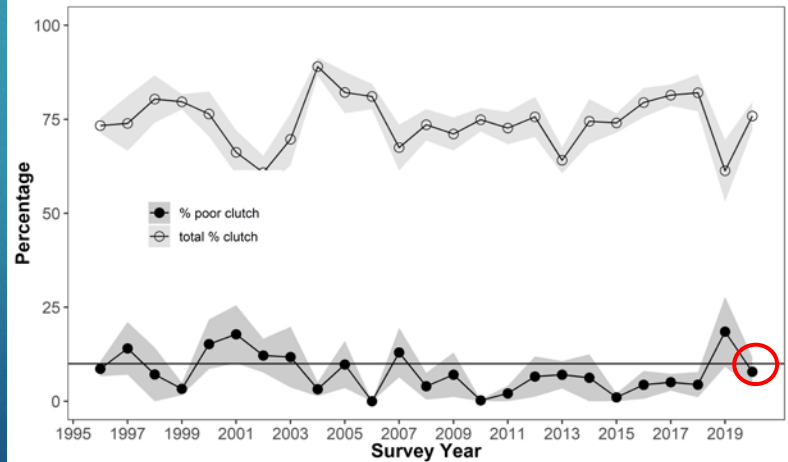
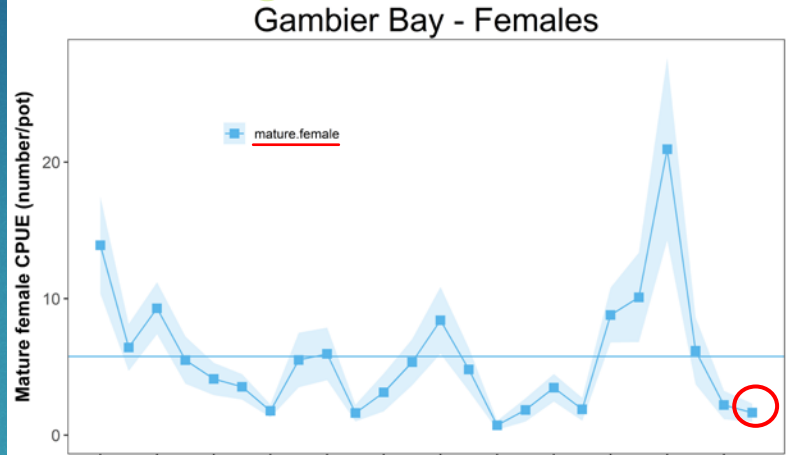
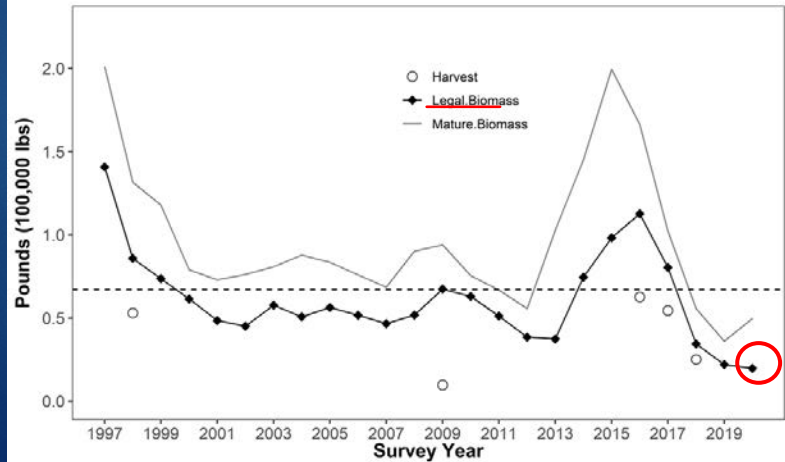
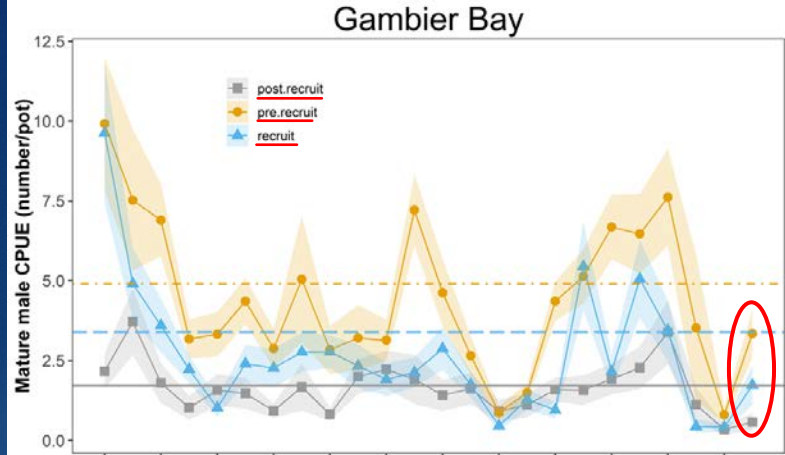
Excursion Inlet



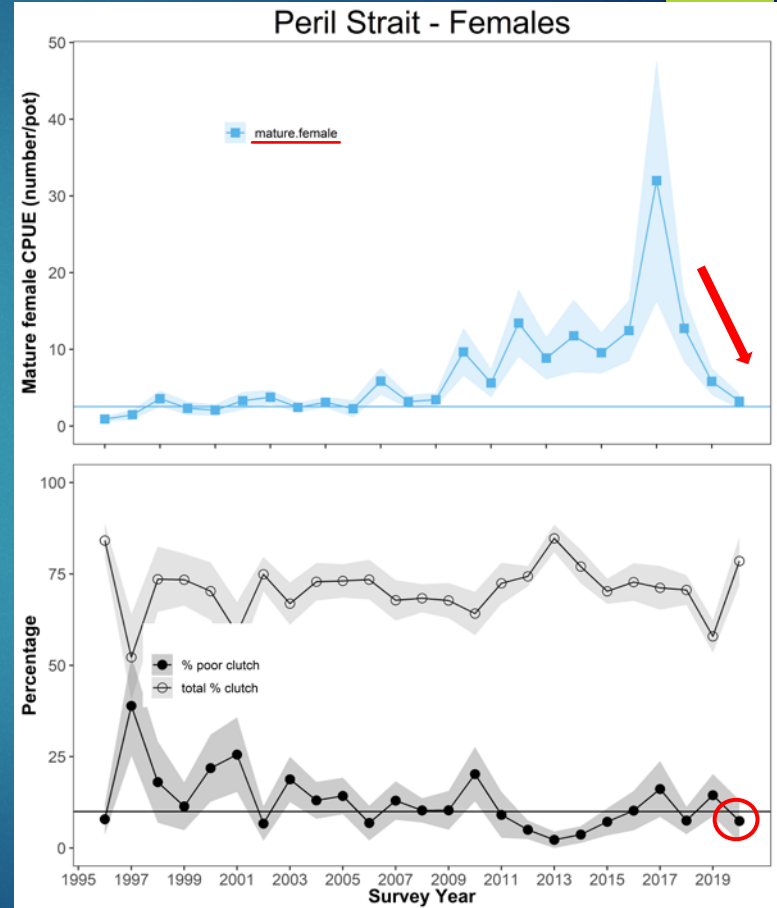
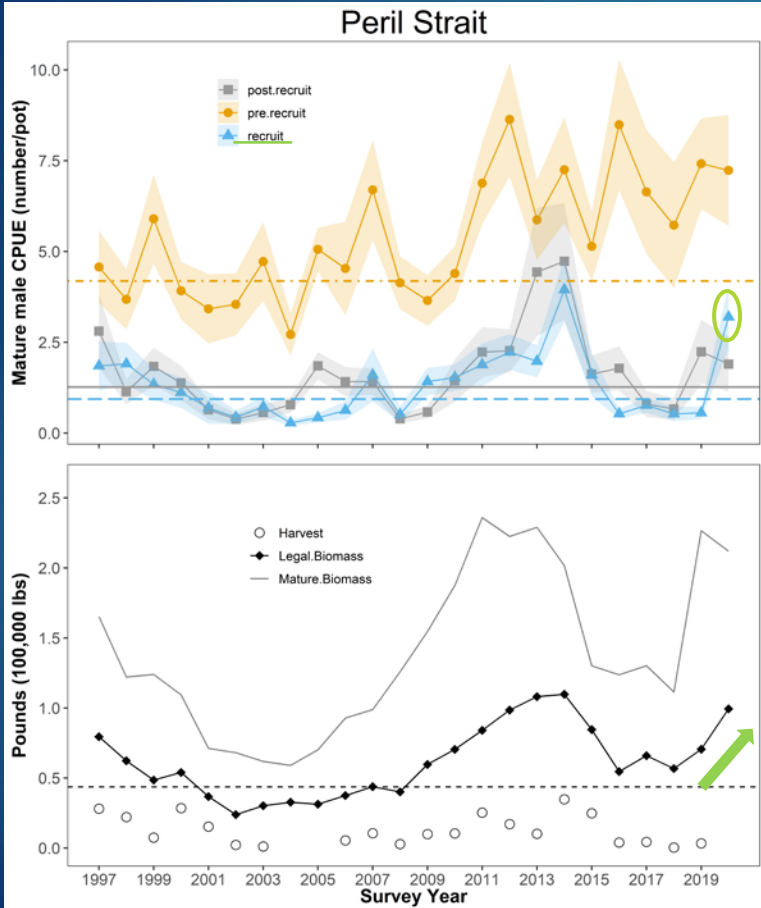
Pybus Bay



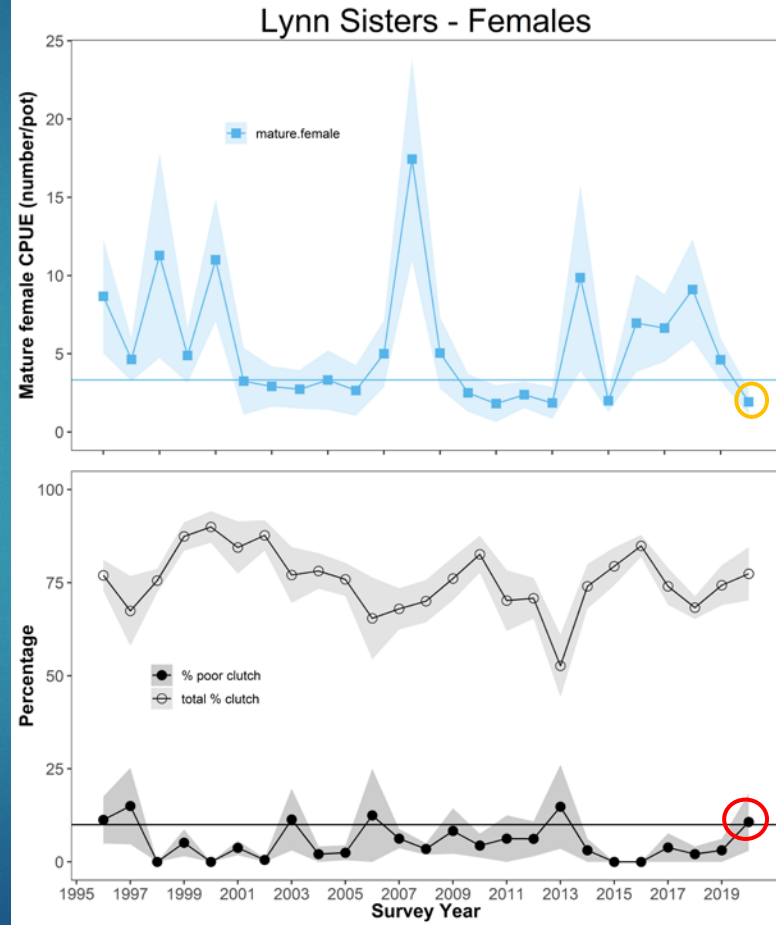
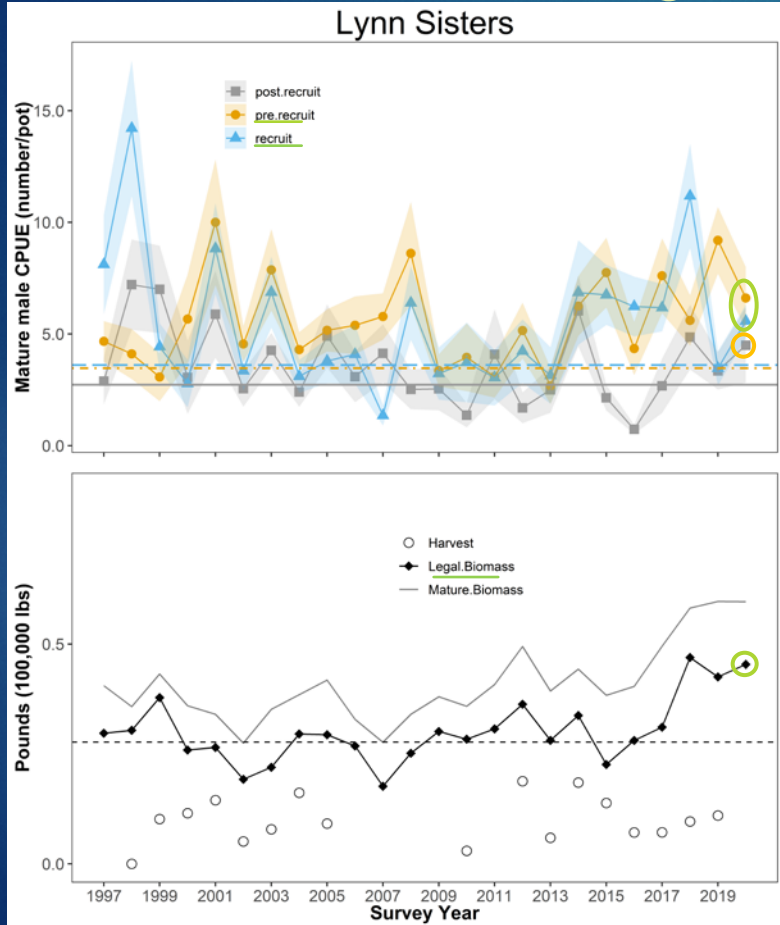
Gambier Bay



Peril Strait



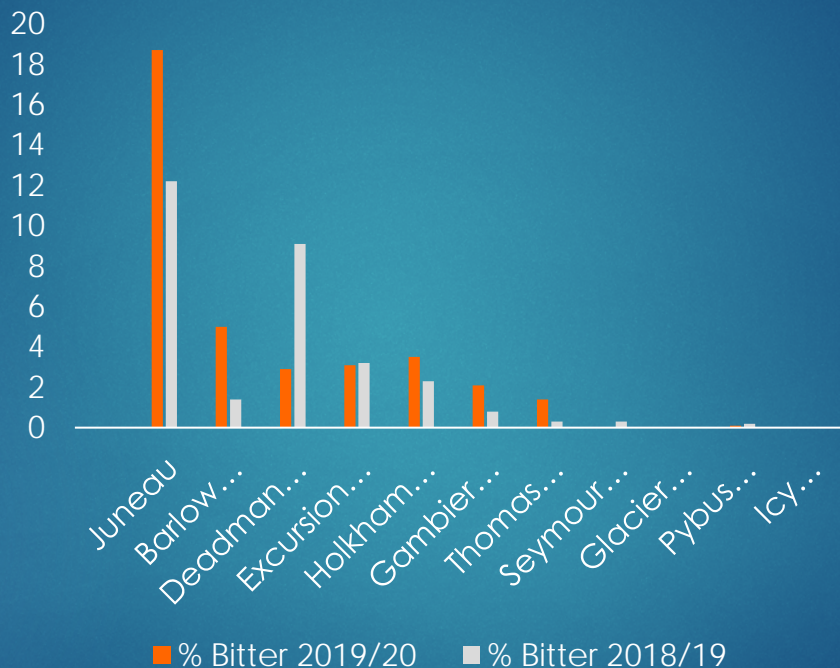
Lynn Sisters



Bitter Crab

Survey

Survey Area	% Bitter 2019/20	% Bitter 2018/19
Juneau	18.7	12.2
Barlow...	5.0	1.4
Deadman	2.9	9.1
...		
Excursion	3.1	3.2
...		
Holkham...	3.5	2.3
Gambier...	2.1	0.8
Thomas...	1.4	0.3
Seymour...	0.0	0.3
Glacier...	0.0	0.0
Pybus...	0.1	0.2
Icy...	0.0	0.0



Fishery

Southeast Area	% Bitter 2019/20	% Bitter 2018/19
11-A	27	22
15-A	45	42
15-C & B	22	21

Thanks!

