



Statewide Scallop Fishery Update

2023 Scallop Plan Team Meeting

March 6th, 2023

Andrew Olson, Cassandra Whiteside,
& Jan Rumble

Outline

Management Overview

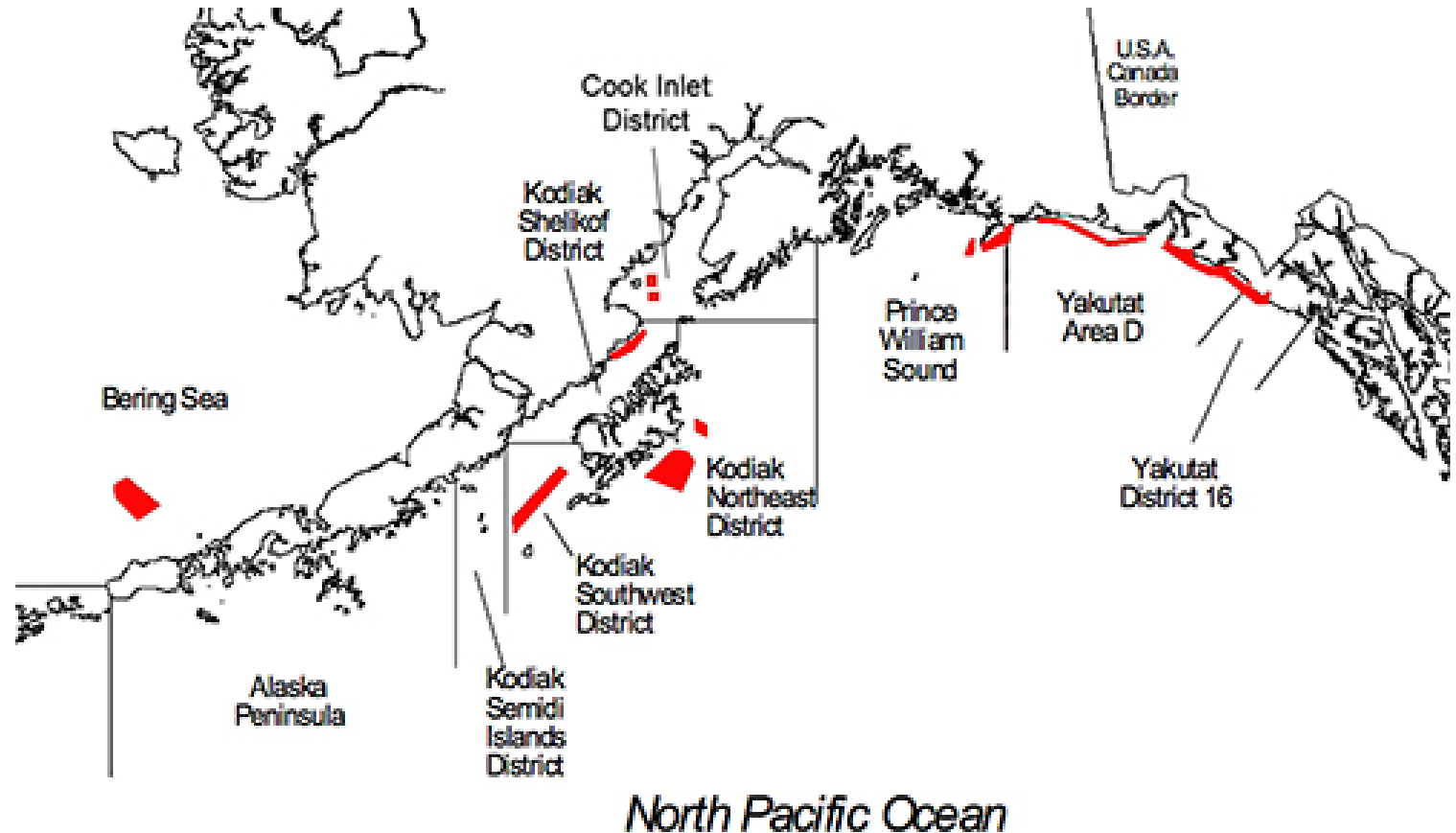
2022–2023 Registration Area Updates

- Westward (Areas K, M, O, and Q)
- Central (Area E)
- Southeast (Area D)

Statewide update

Management Overview

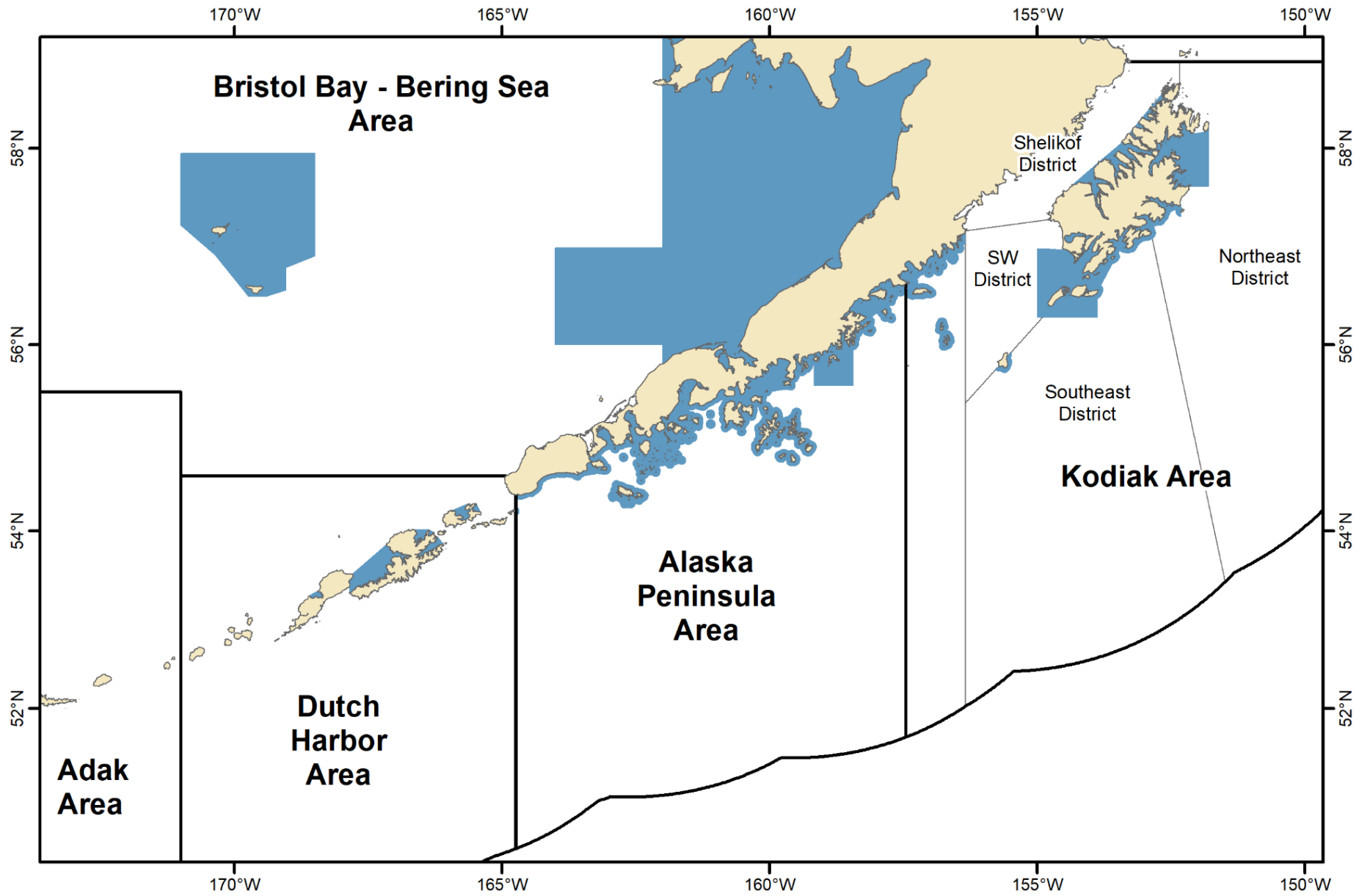
- **Preseason Management**
 - Establish guideline harvest levels (GHLs) and crab bycatch limits (CBLs)
- **Data Informing GHLs**
 - Survey results
 - Fishery CPUE
 - Observer coverage
 - Size and age structure
- **Data Informing CBLs**
 - Historical bycatch rate in fishery
 - Survey estimated crab abundance
- **Inseason Management and Closure Scenarios**
 - Harvest achieves GHL
 - Crab bycatch exceeds CBL
 - Fishery performs below minimum performance standards of CPUE





Westward Region

Areas K, M, O, and Q



Preseason Management

- Establish guideline harvest levels (GHLs) and crab bycatch limits (CBLs)

Data Informing GHLs

- Survey results
- Fishery CPUE
- Size and age structure

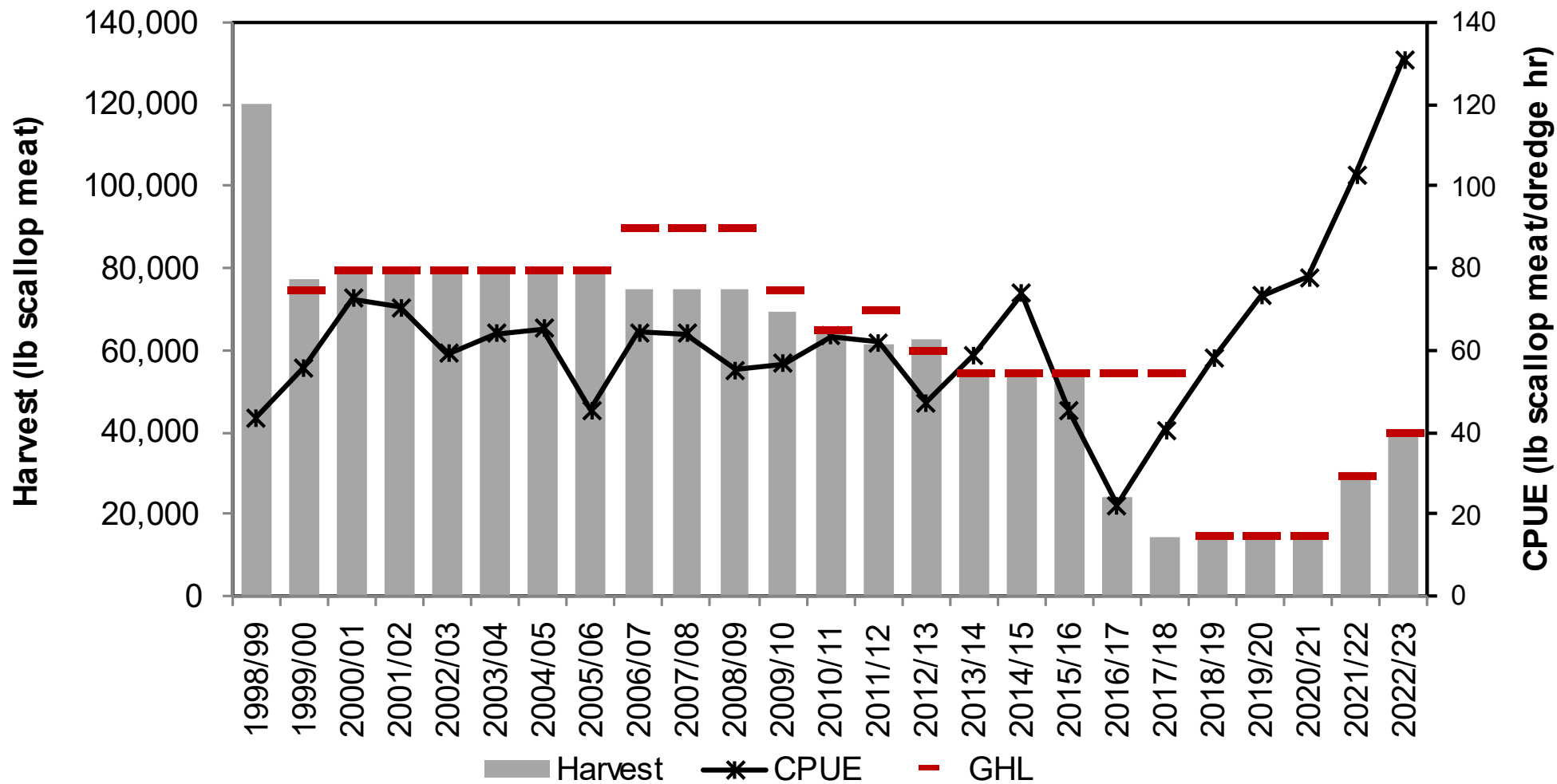
Data Informing CBLs

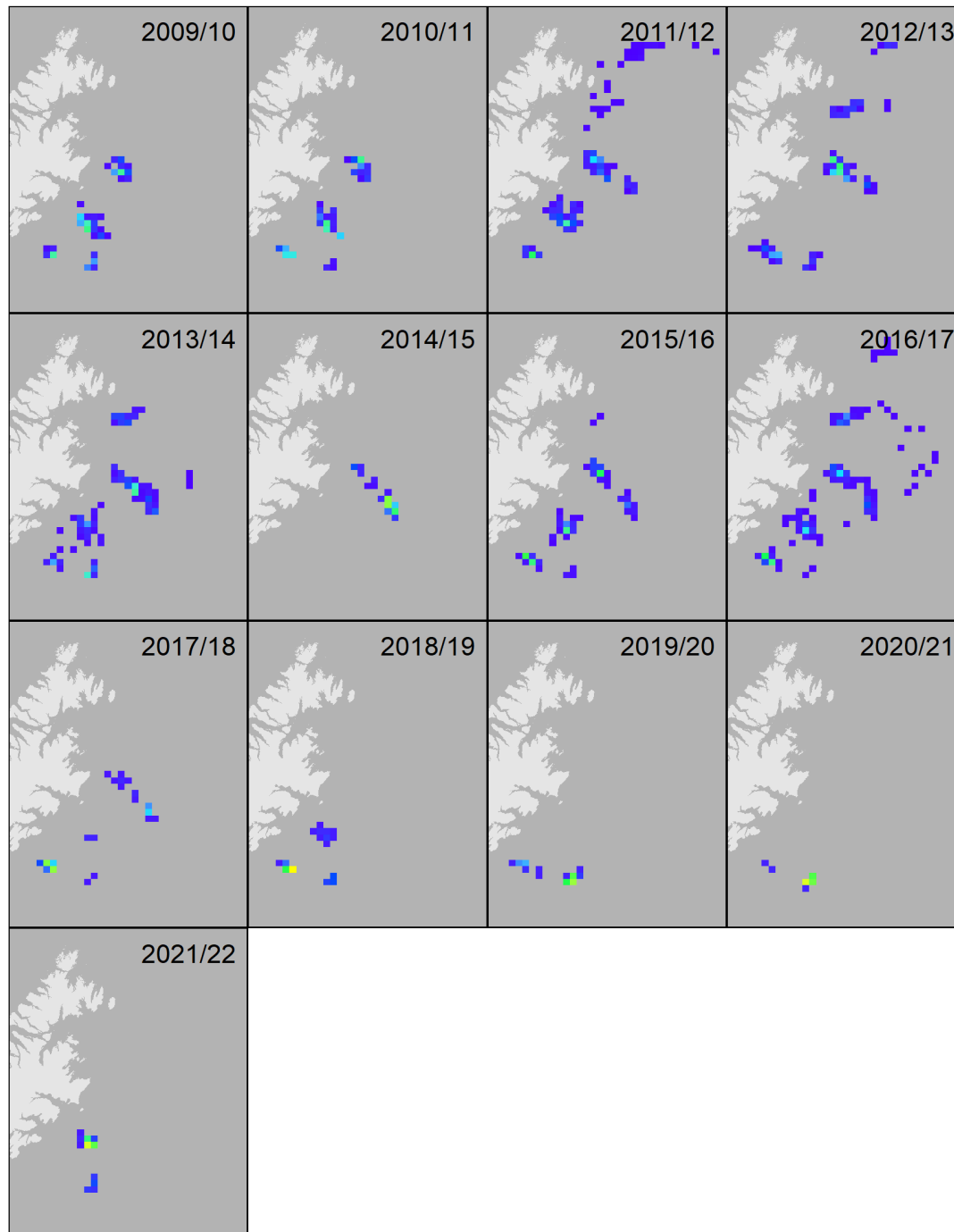
- Historical bycatch rate in fishery
- Survey estimated Tanner crab abundance
- MSST: 3 Tier approach (Bering Sea)

Inseason Management and Closure Scenarios

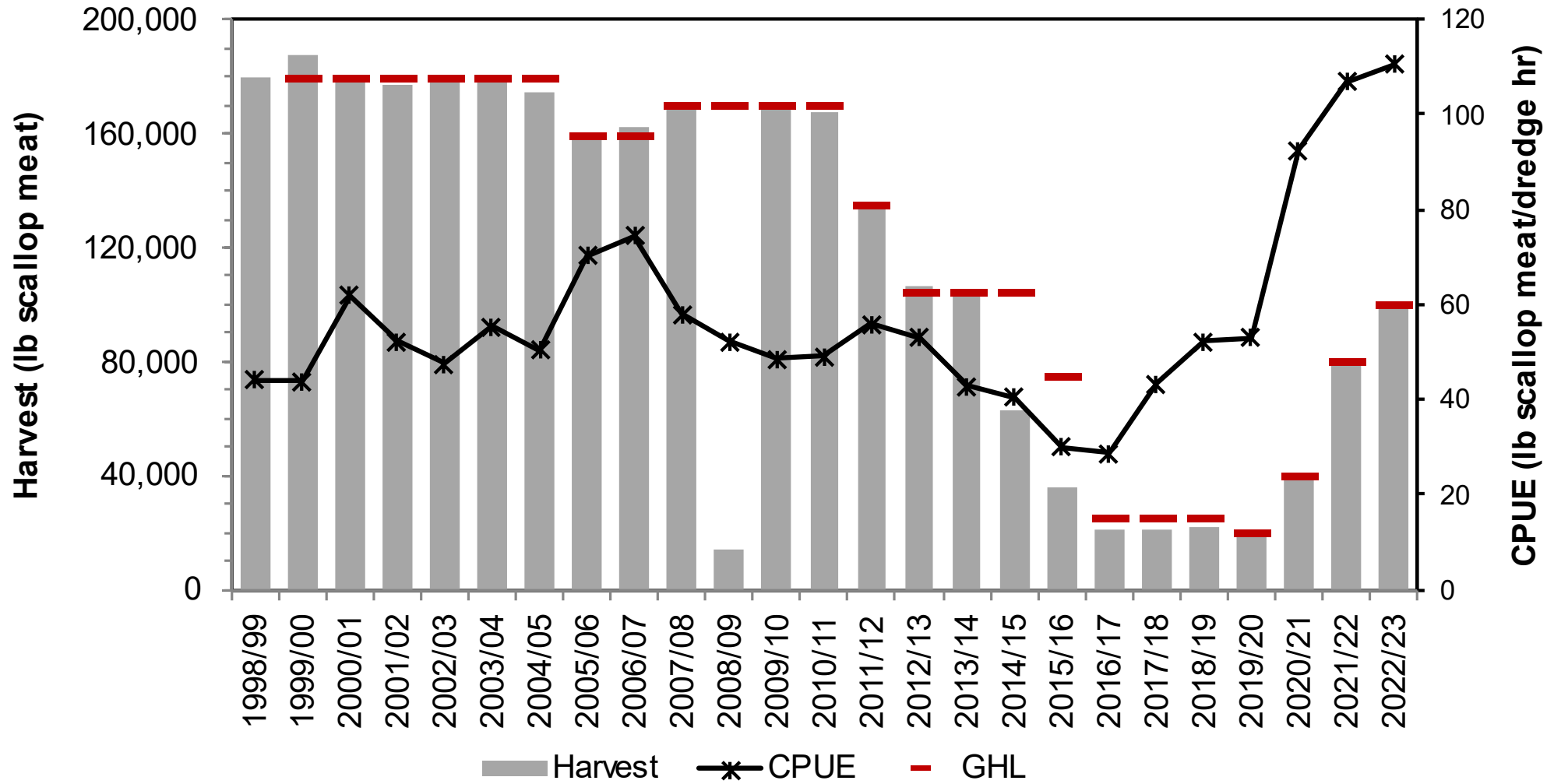
- Harvest achieves GHL
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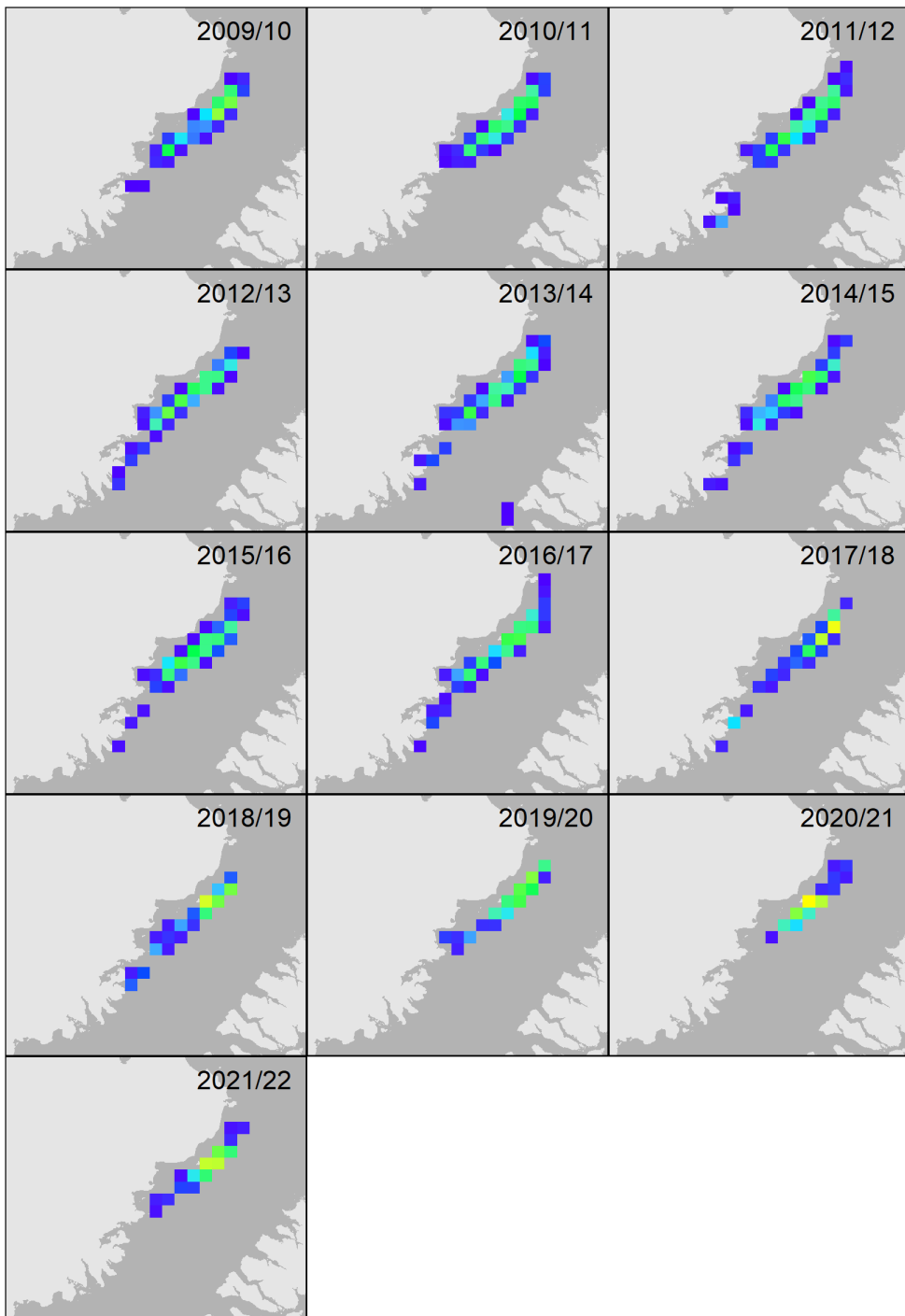
Kodiak Northeast District



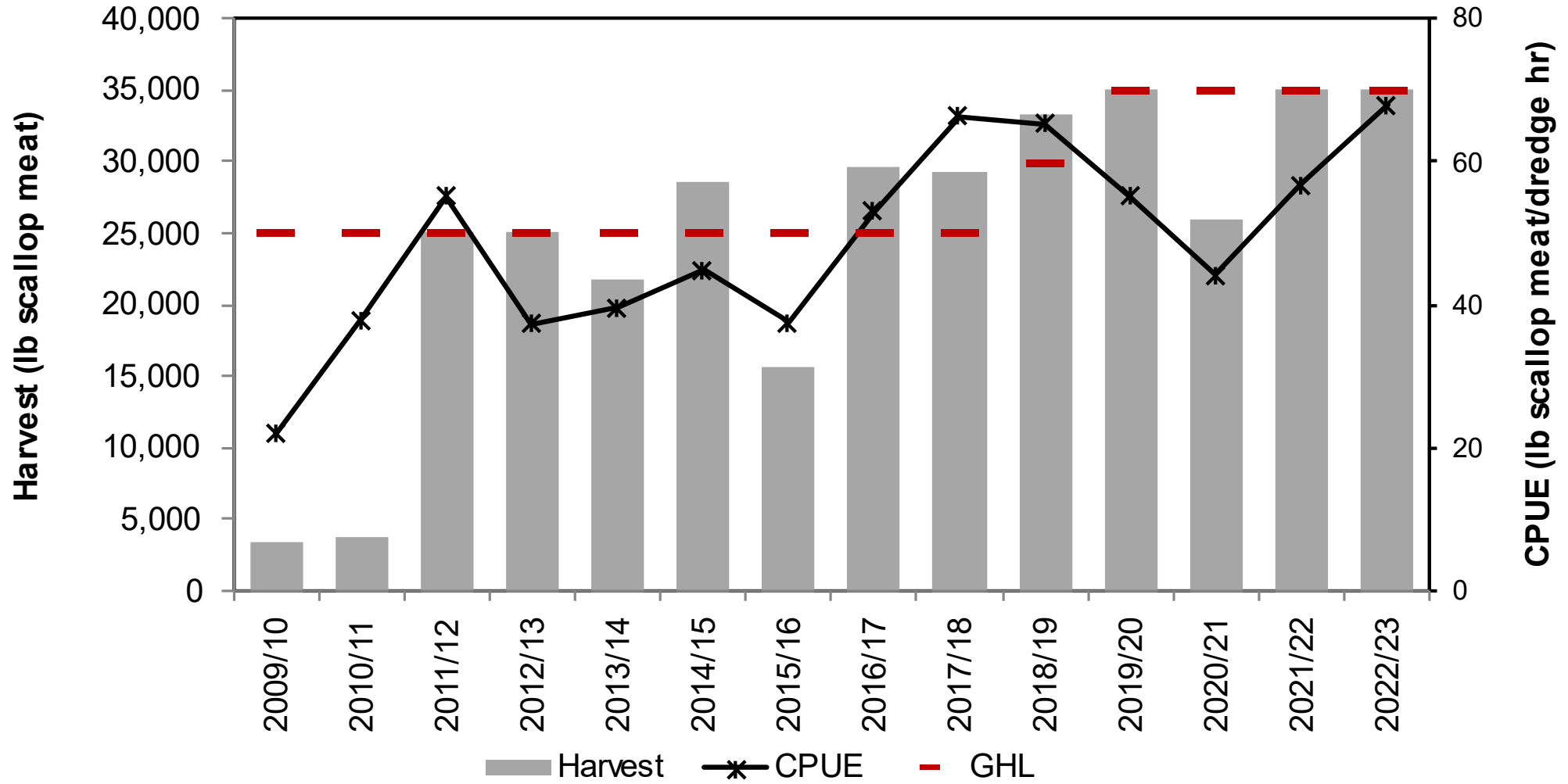


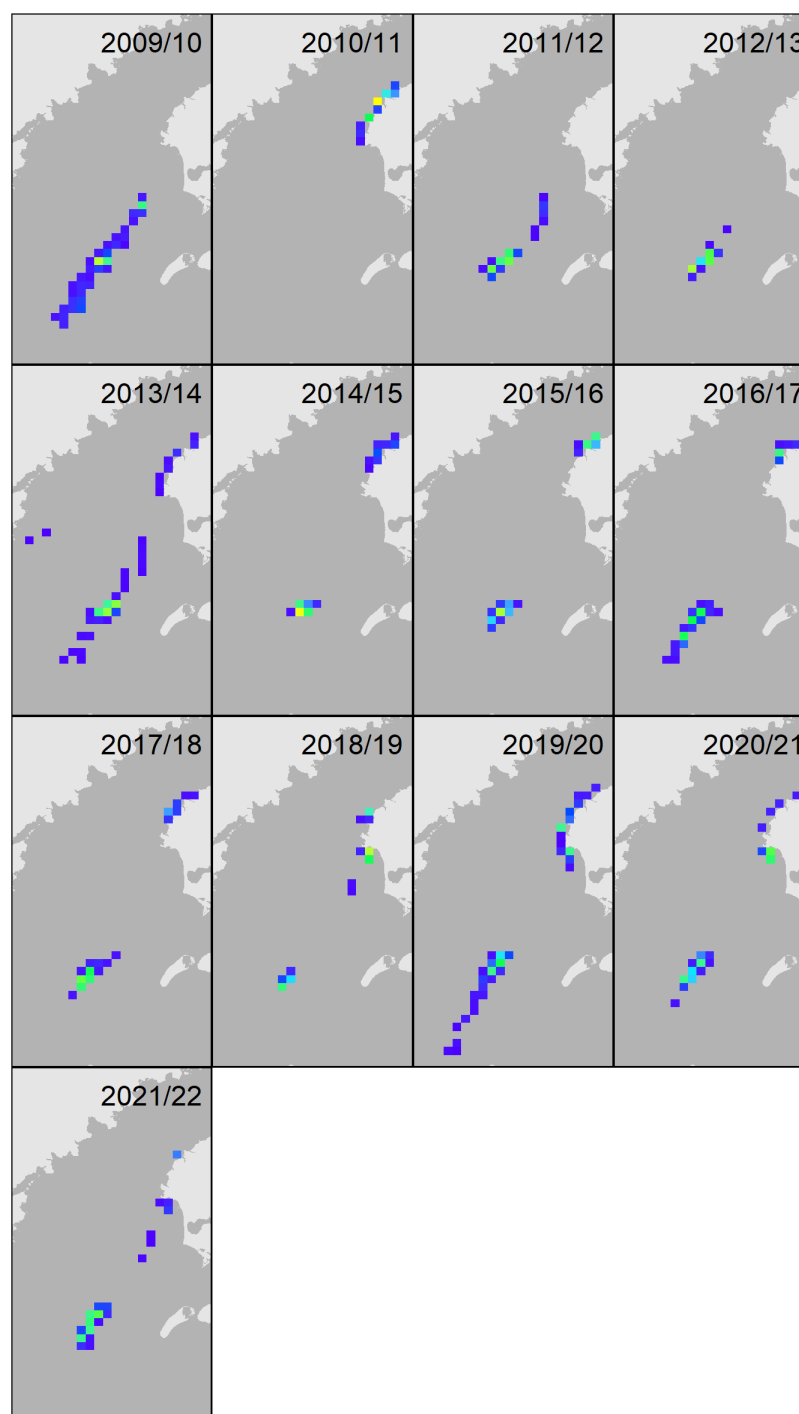
Kodiak Shelikof District





Kodiak Southwest District





Kodiak Southeast District

Reopened in 2018/19

GHL: 15,000 pounds

2018/19

Harvest: 470 pounds

Effort: 60

CPUE: 8

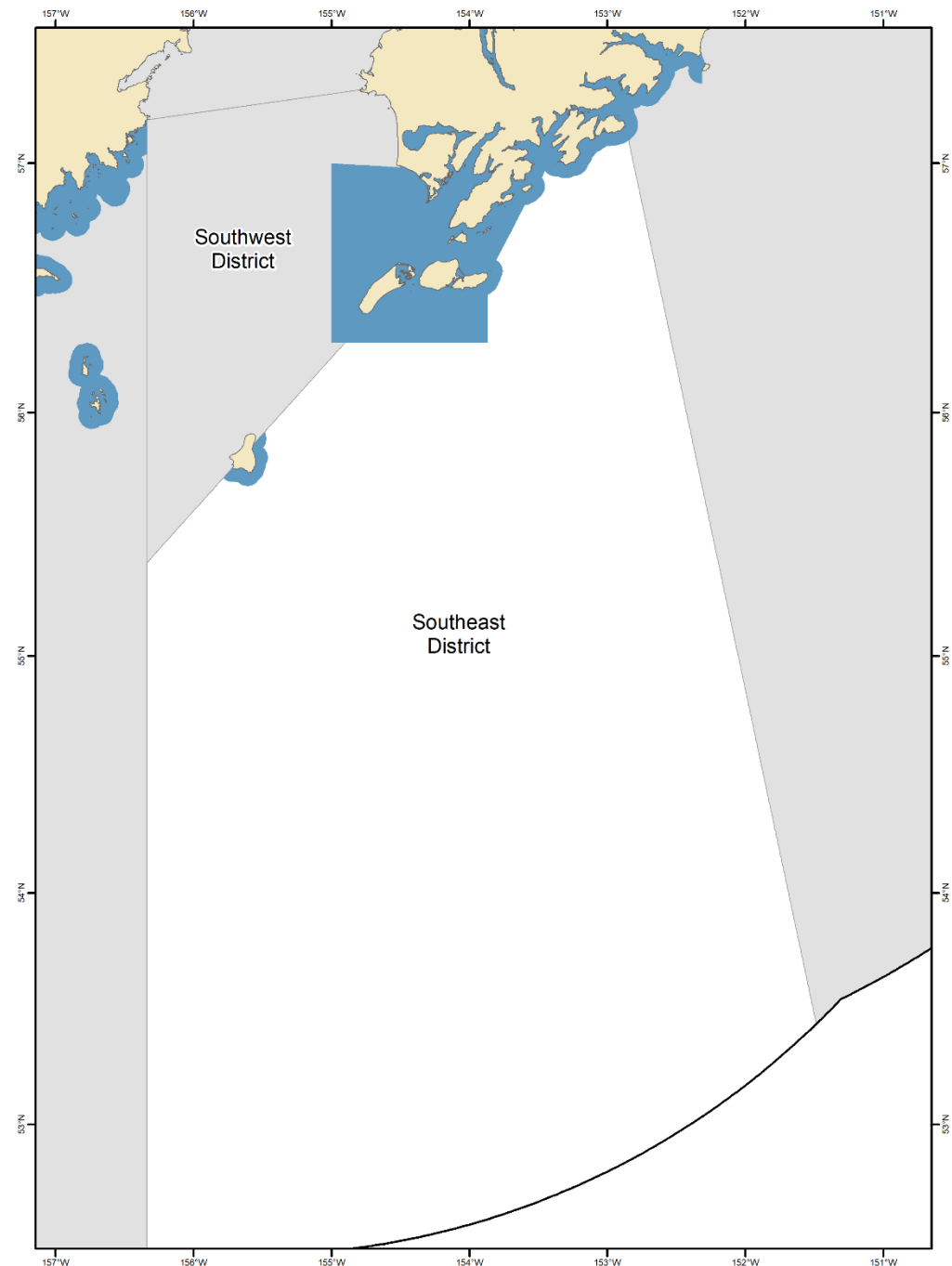
No effort

2019/20

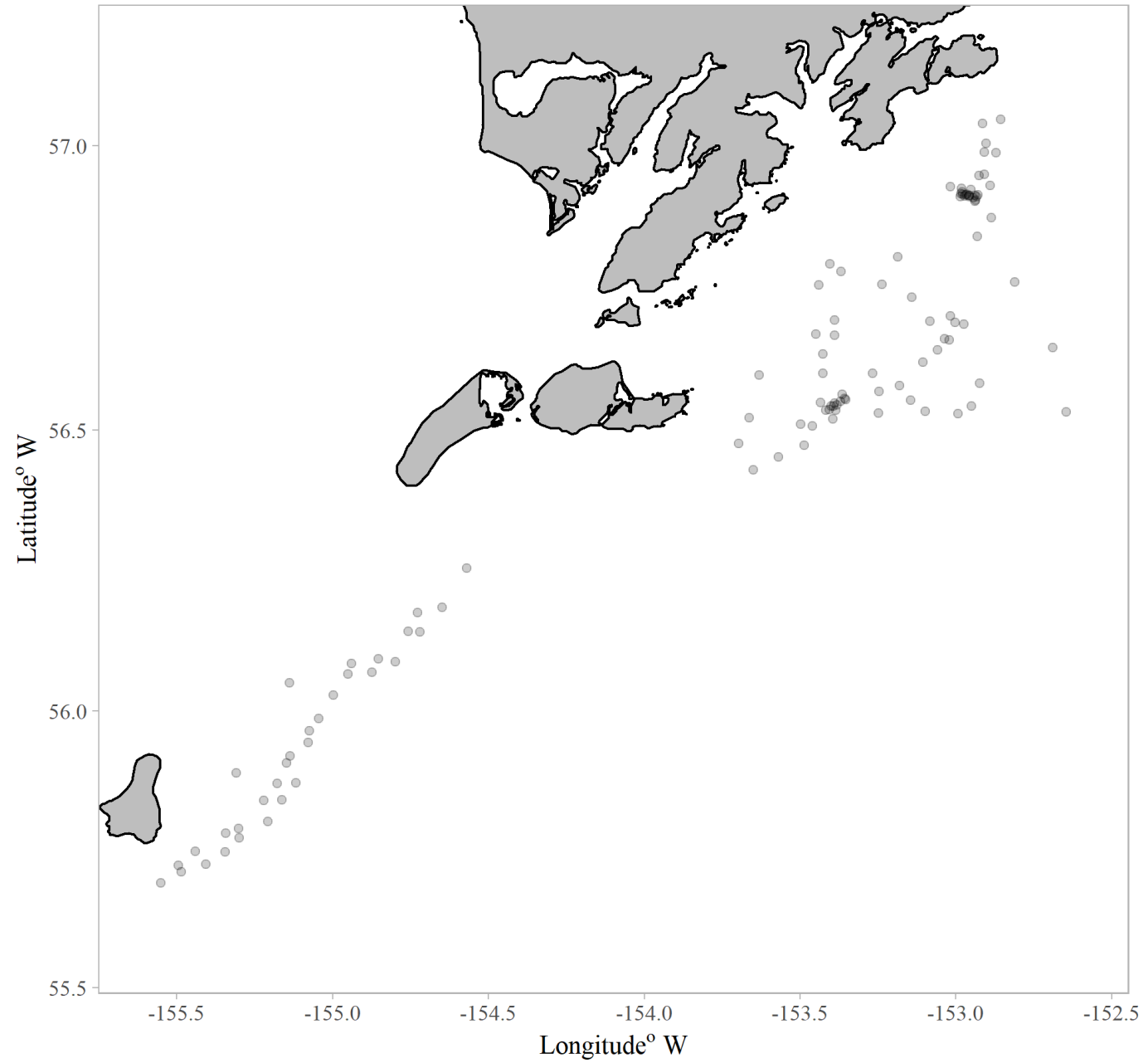
2020/21

2021/22

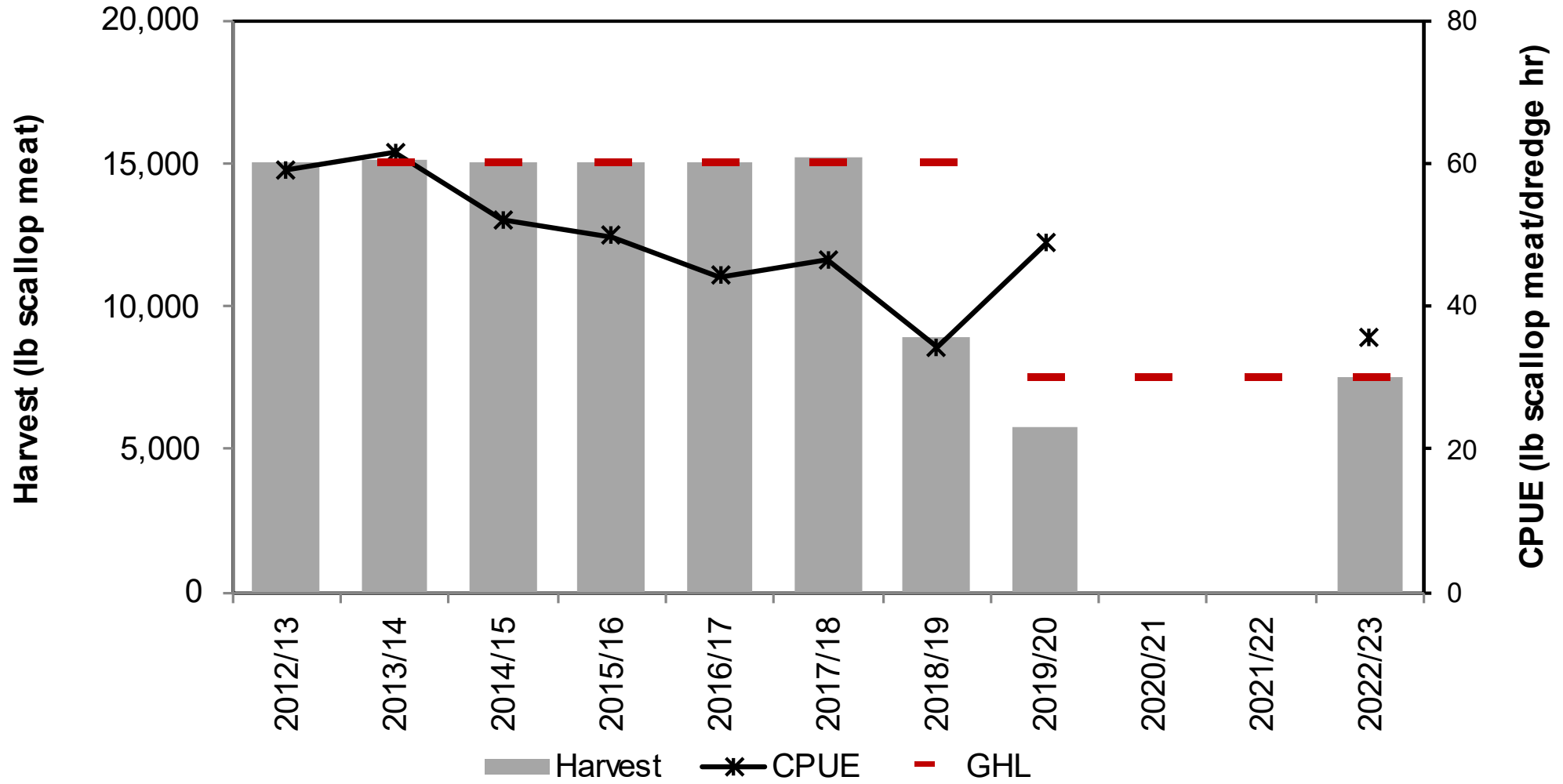
2022/23

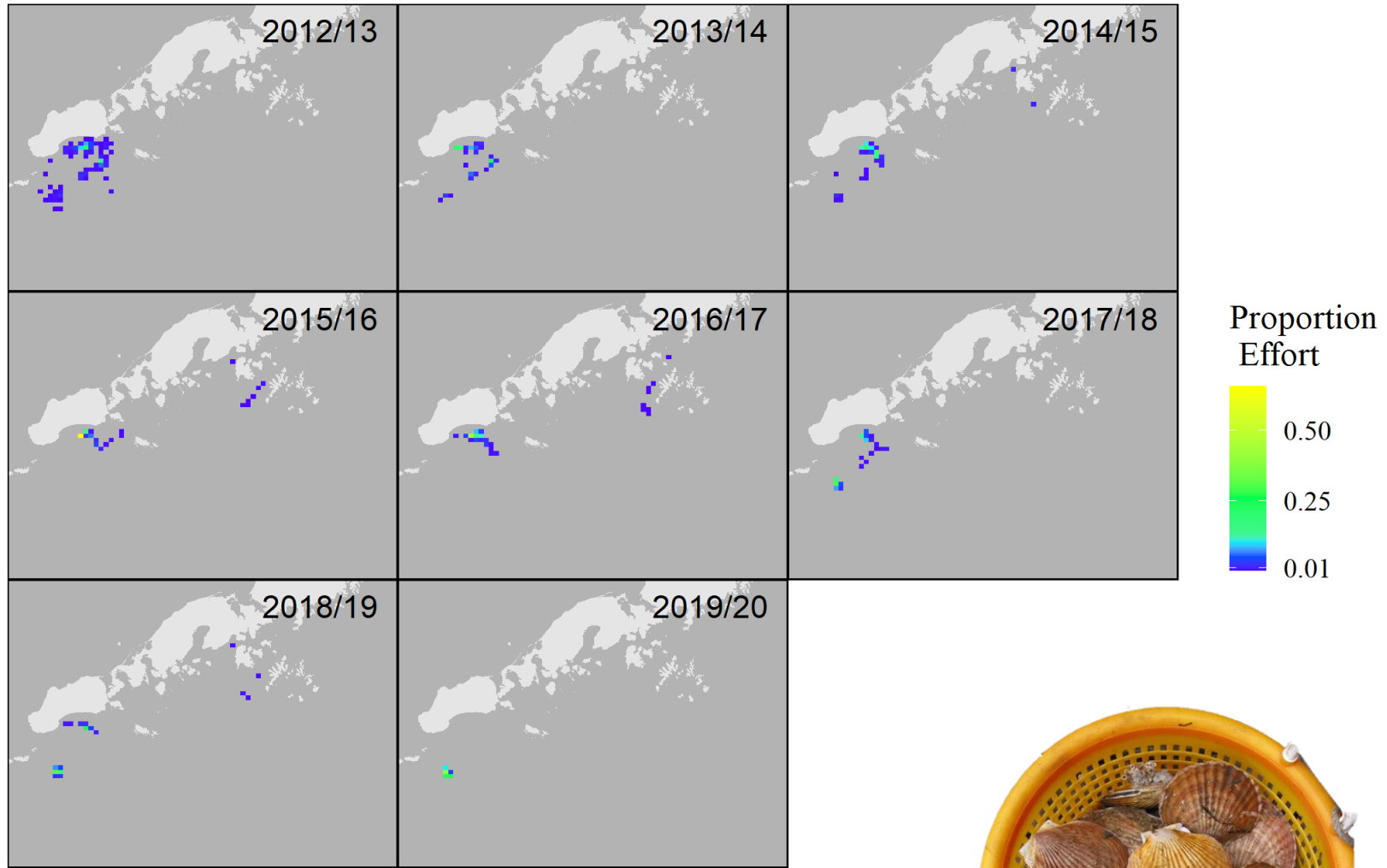


2018/19

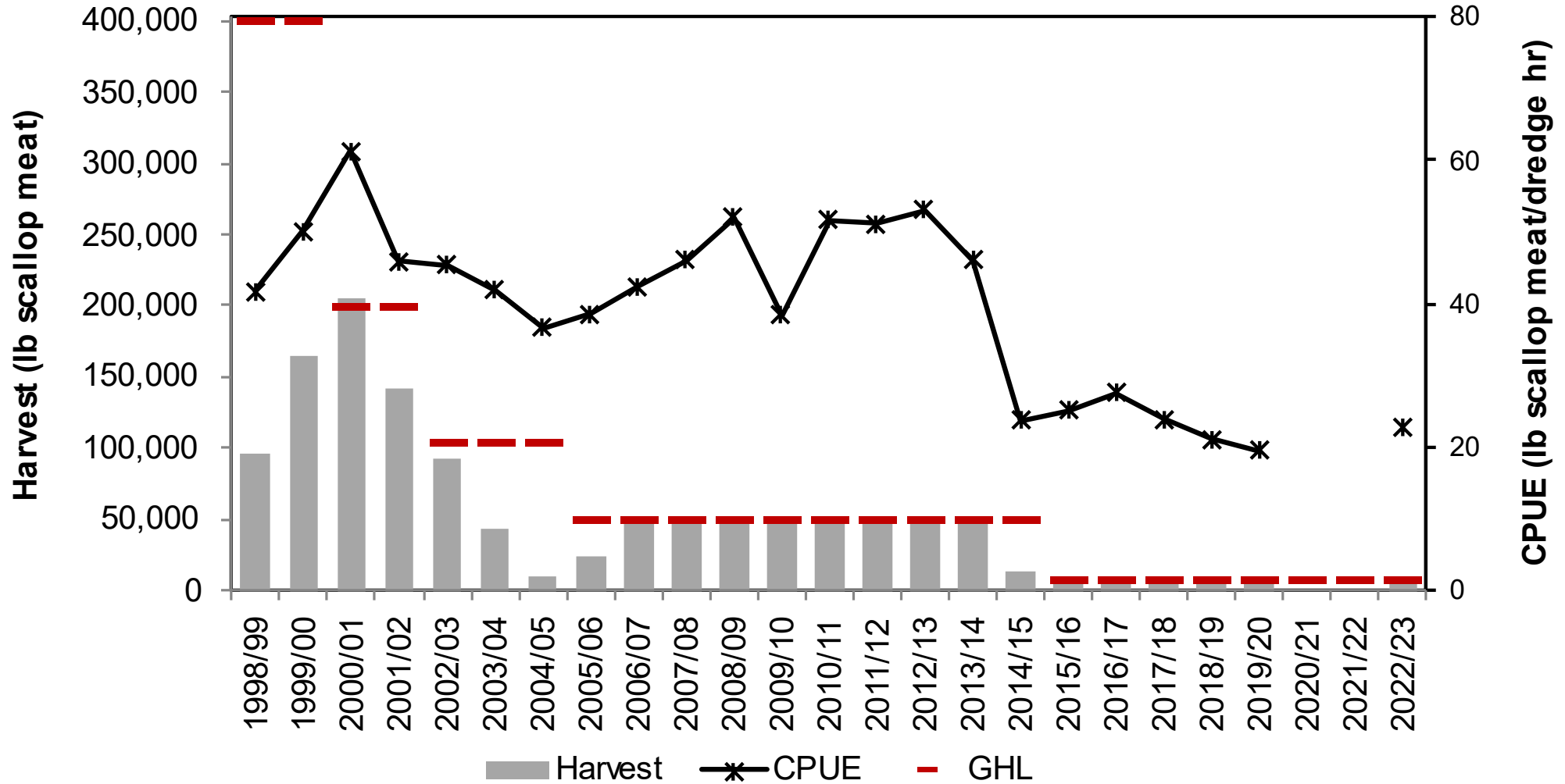


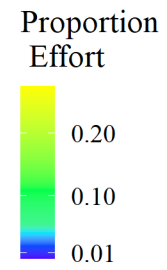
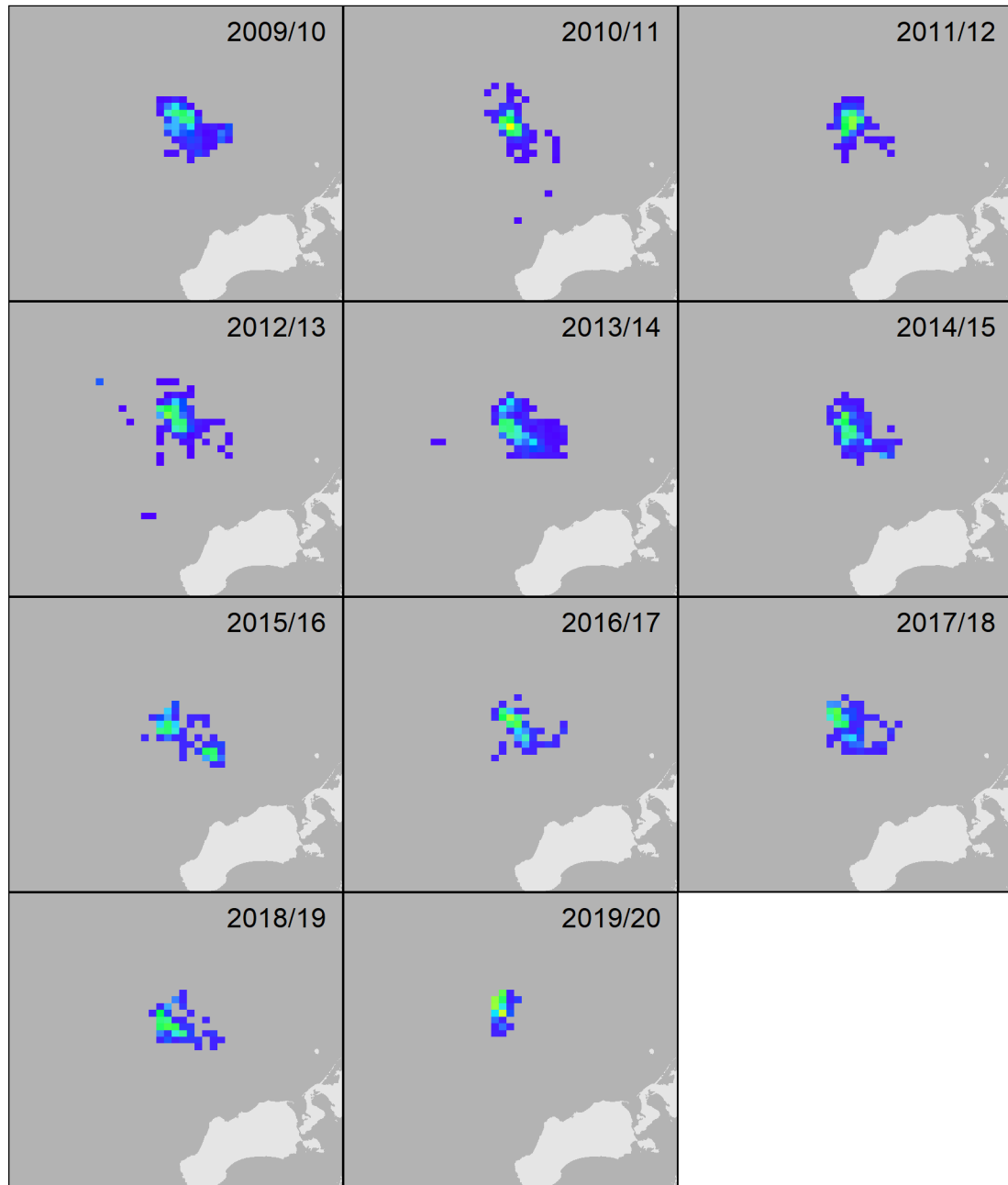
Alaska Peninsula Area



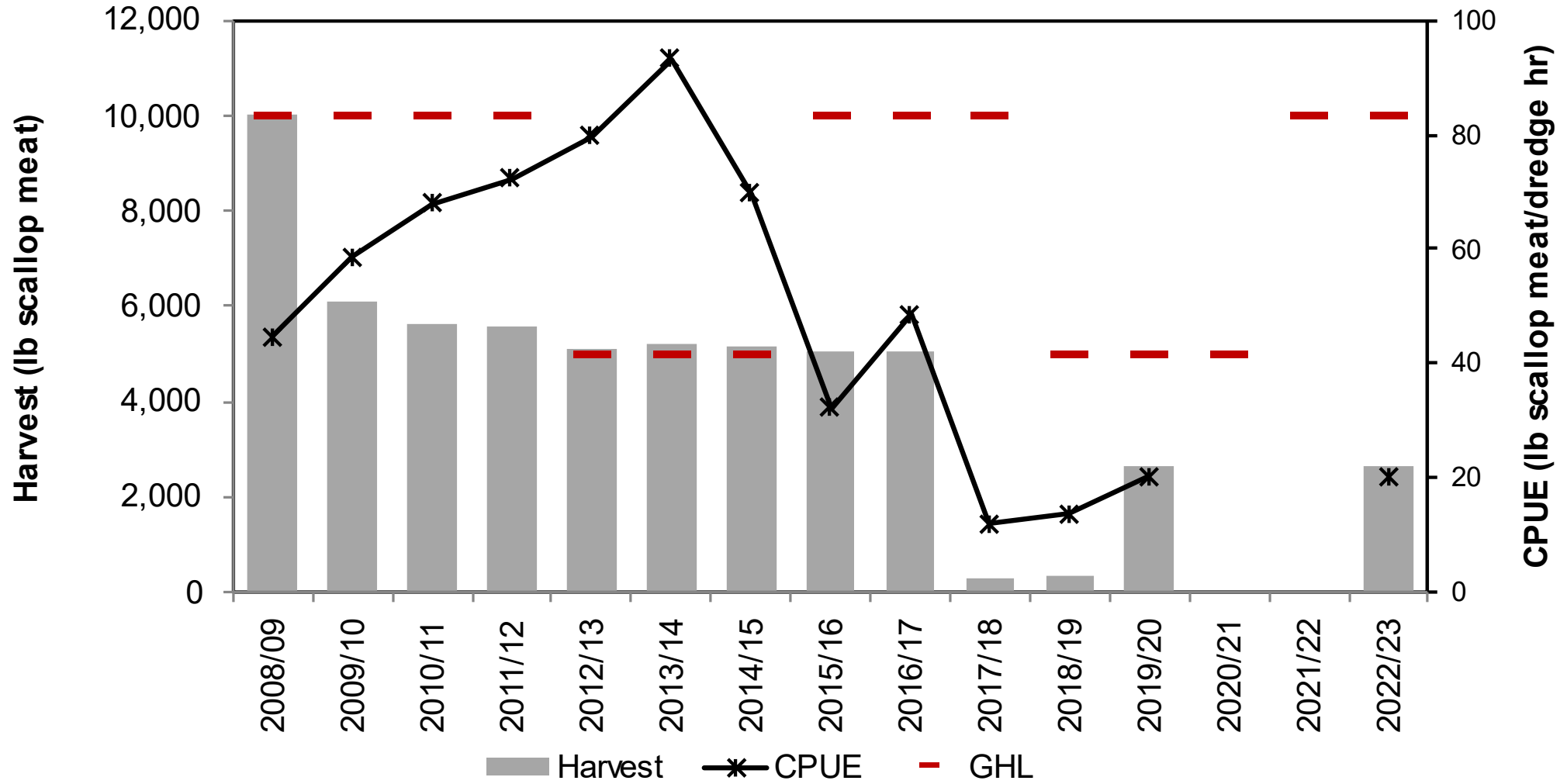


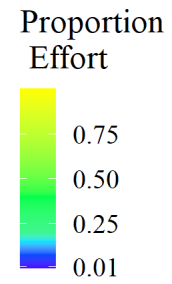
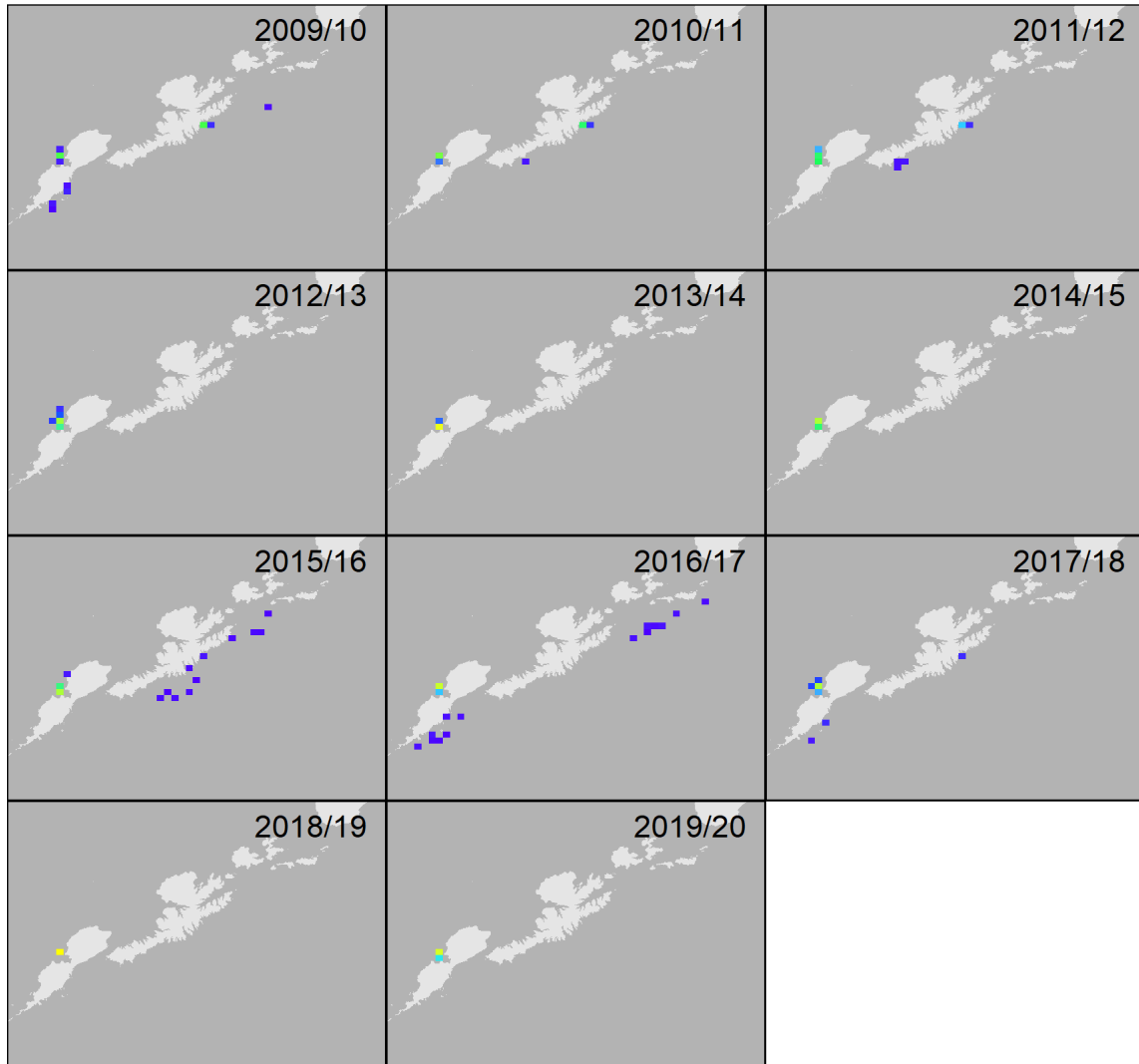
Bering Sea Area





Dutch Harbor Area









Central Region

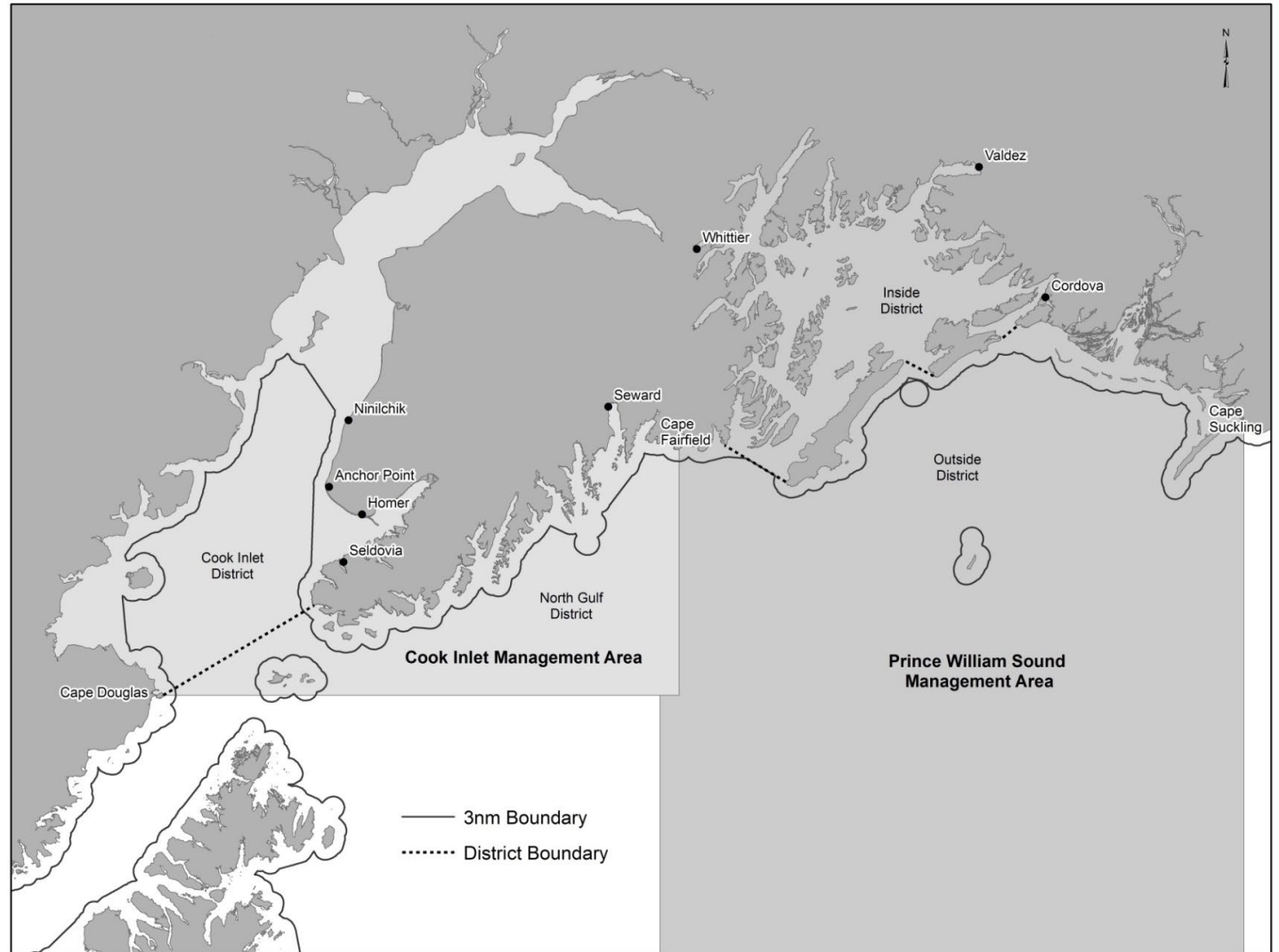
Area E

Central Region Scallop Management Cook Inlet and Prince William Sound Commercial Fisheries

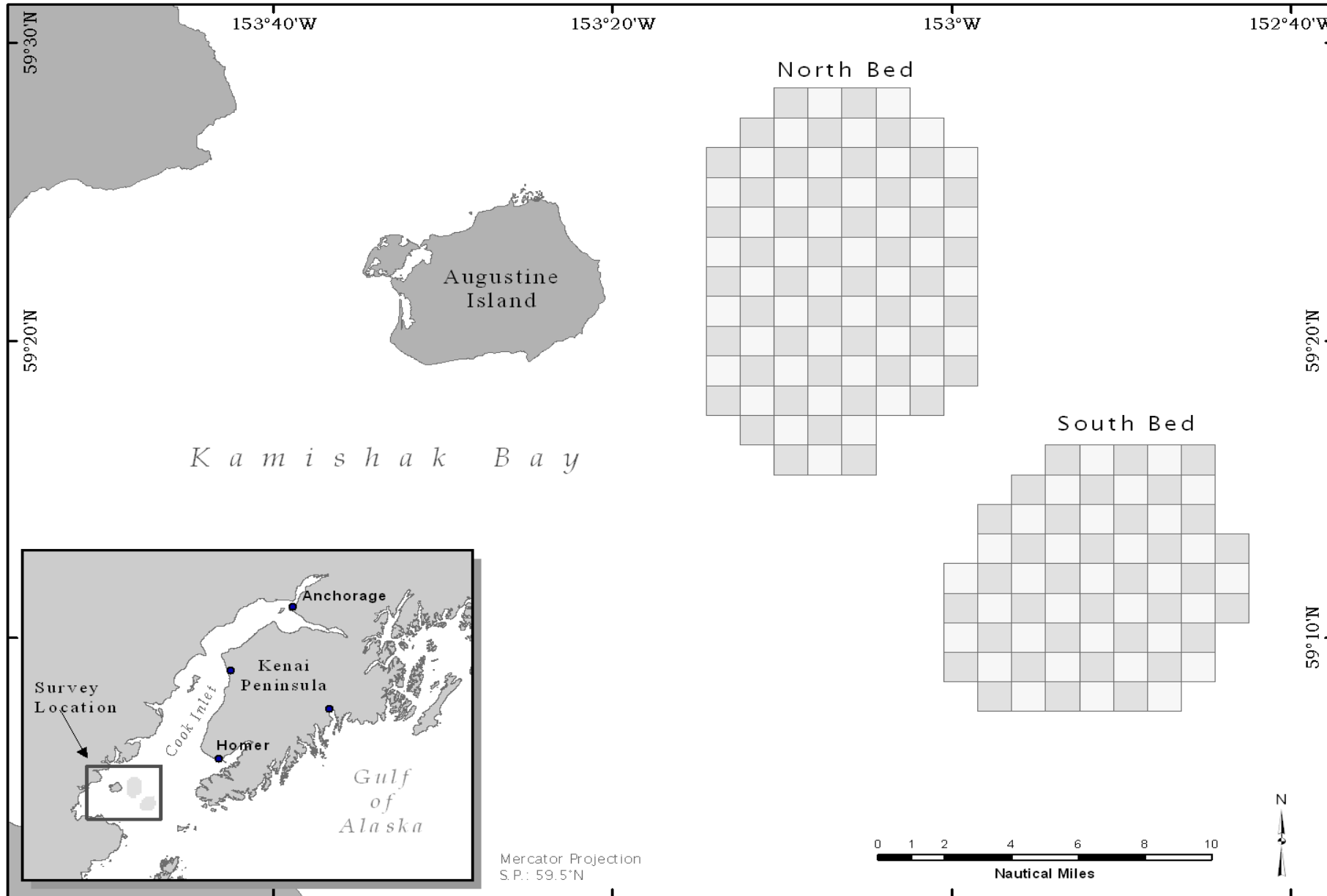
2023 Scallop Plan Team Meeting

Jan Rumble, Area Manager for Shellfish in CI and PWS

Central Region Scallop Registration Areas



Cook Inlet Area Kamishak Scallop Fishery North and South Beds



Cook Inlet Area Scallop Management

- **Season:** Kamishak District: August 15-October 31, unless closed by EO, other districts by commissioner's permit only
- **Guideline Harvest Range:** 10,000 – 20,000 lb (shucked meats)
- **Gear:** single 6' dredge (only area) and follows other statewide regulations
- **Crab bycatch limits** – Tanner 0.5% from dredge survey; 30 RKC
- **Central Region observers (not required on every trip)**
- **Daily reporting and logbook requirement**
- **Other:** scallops can be delivered live

Cook Inlet (Area H) Scallop

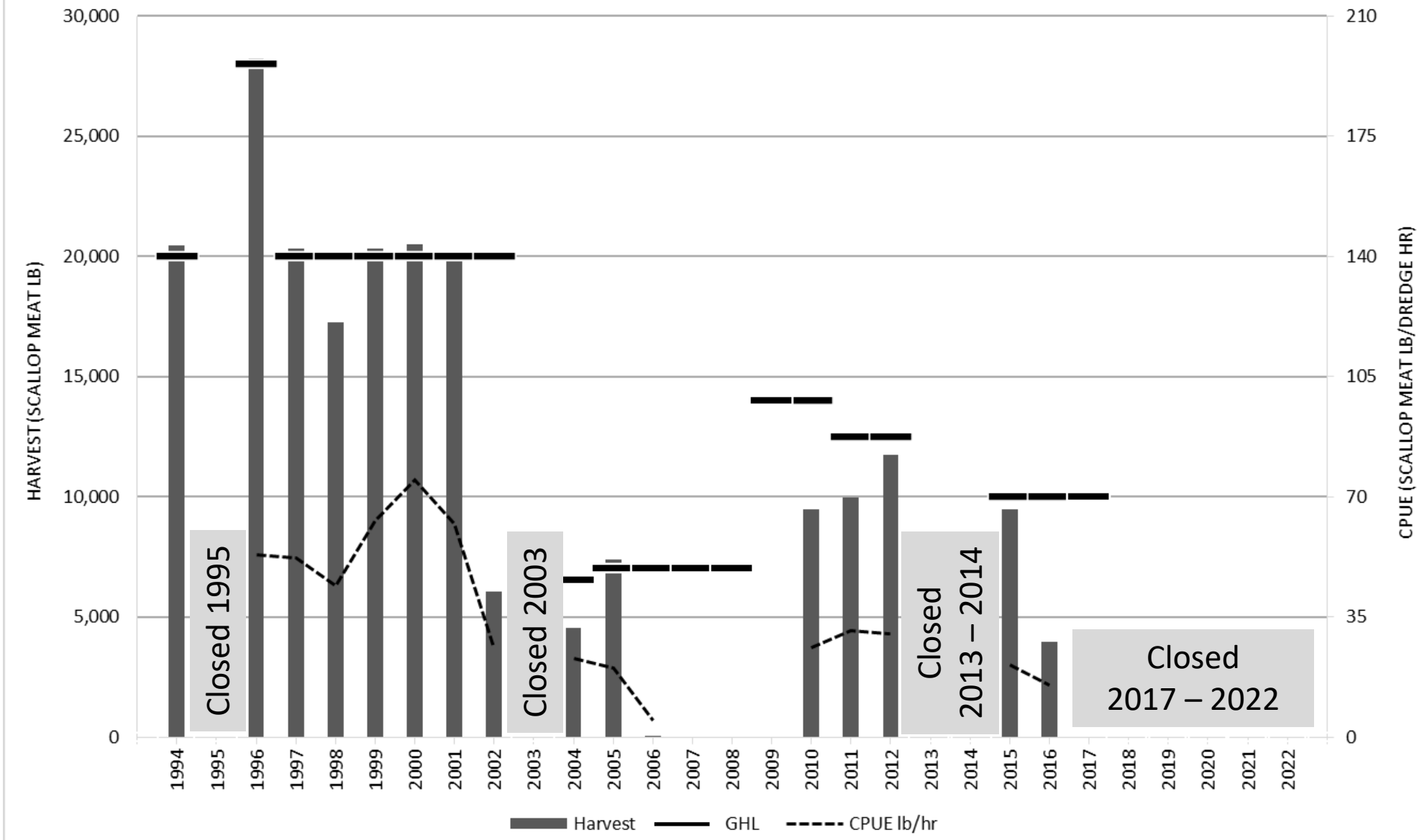
Survey

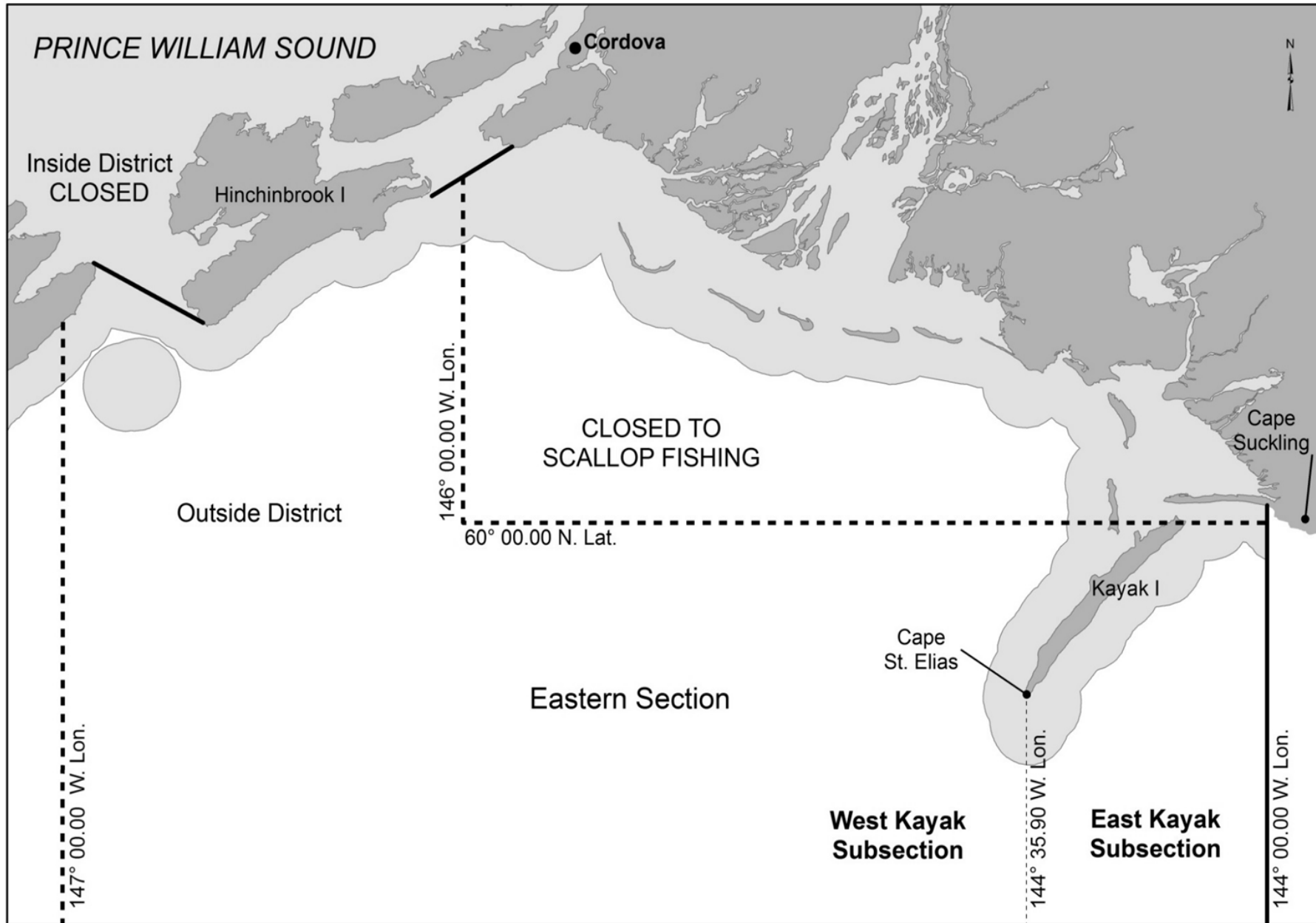
- 2018 – Both beds, lowest levels in history of survey – closed
- 2019 – North bed, showed continued low abundance – closed
- 2022 – North bed, showed some recruitment but continued low abundance – closed

Harvest

- North Bed – last harvest was in 2016
- South bed – closed since 2009
- Both beds closed since 2017

NORTH KAMISHAK SCALLOP HARVEST





Prince William
Sound (PWS)
Outside District,
West Kayak and
East Kayak
Subsections

PWS Scallop Management

- **Season:** July 1 – February 15, unless closed by emergency order
- **Guideline Harvest Range:** 0 – 50,000 lb (shucked meats)
- **Gear:** statewide regulations
- **Crab bycatch limits** – Tanner 0.5% from dredge survey
- **Daily reporting and logbook requirement**

PWS (Area E) Scallop

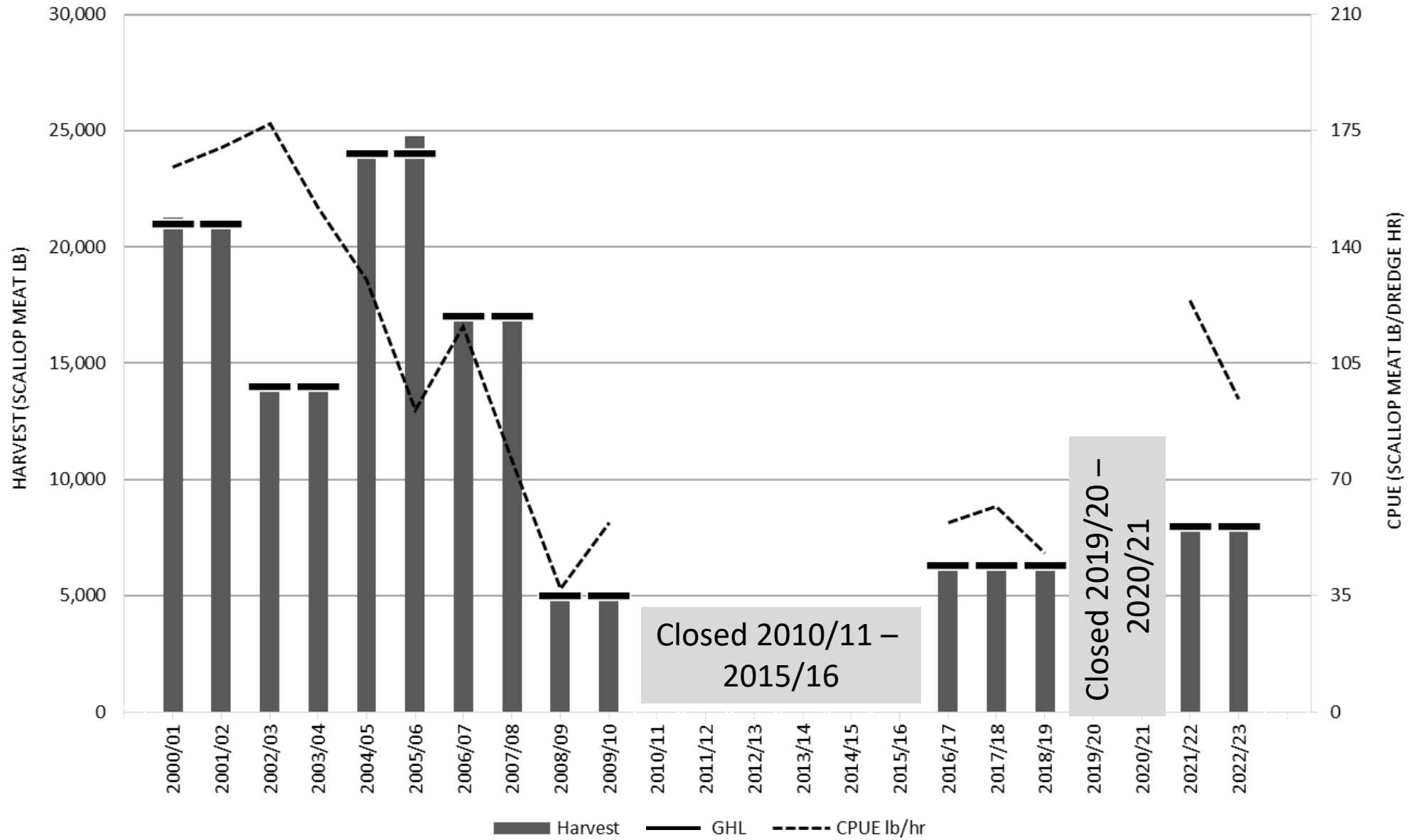
Survey

- Both Subsections sampled in 2021 – WK1 and EK1
- Guideline Harvest Level
 - 8,000 lb for 2021/22 and 2022/23 for WK Subsection

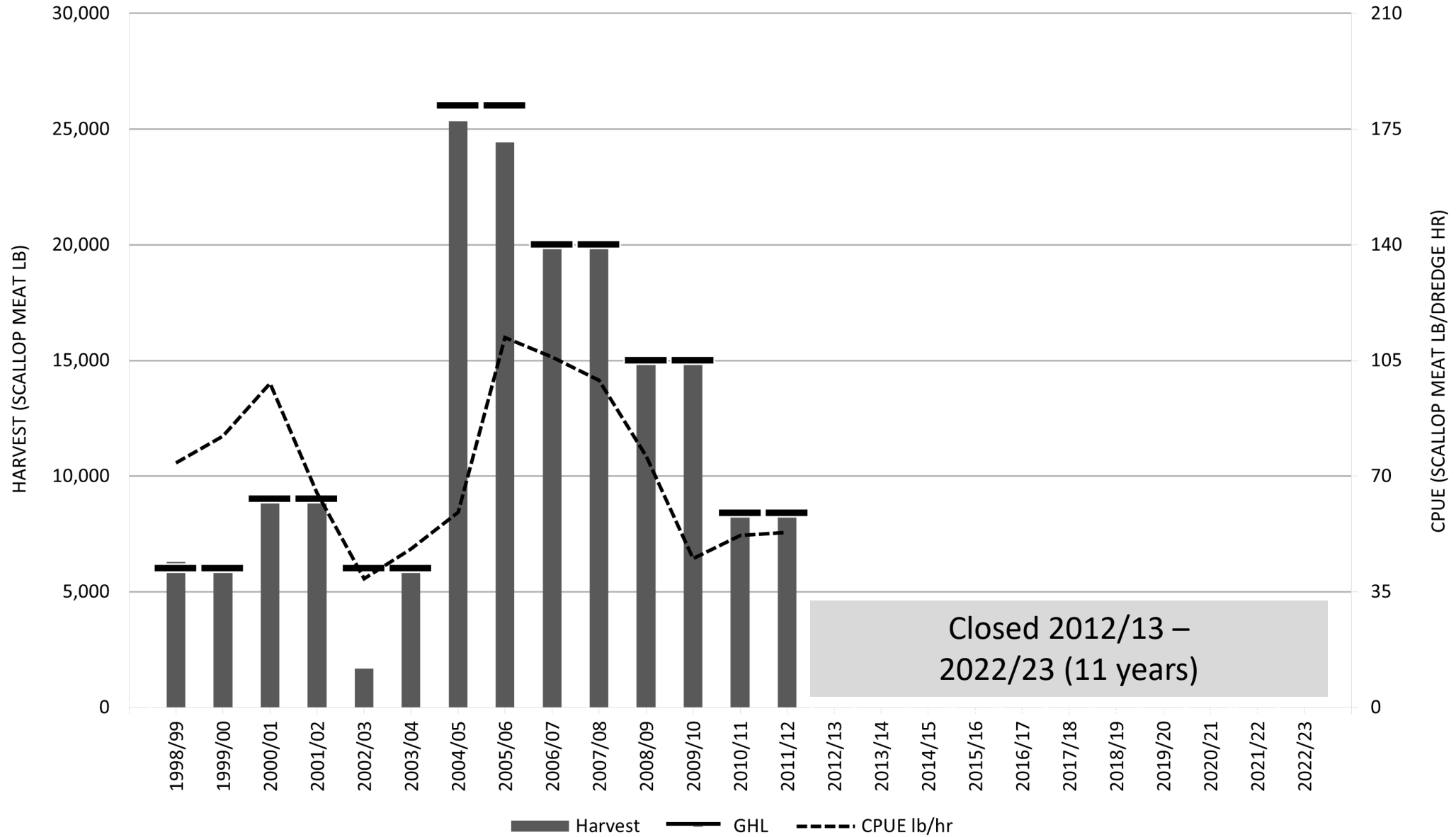
Harvest/Performance

- West Kayak Subsection
 - Opened in 2021 and 2022
 - 8,170 lb in 2021/22; CPUE – 124 lb/dredge hr
 - 8,130 lb in 2022/23; CPUE – 94 lb/dredge hr
- East Kayak Subsection – Closed since 2012/13

WEST KAYAK ISLAND SCALLOP HARVEST



EAST KAYAK ISLAND SCALLOP HARVEST



Closed 2012/13 –
2022/23 (11 years)

Harvest GHL CPUE lb/hr

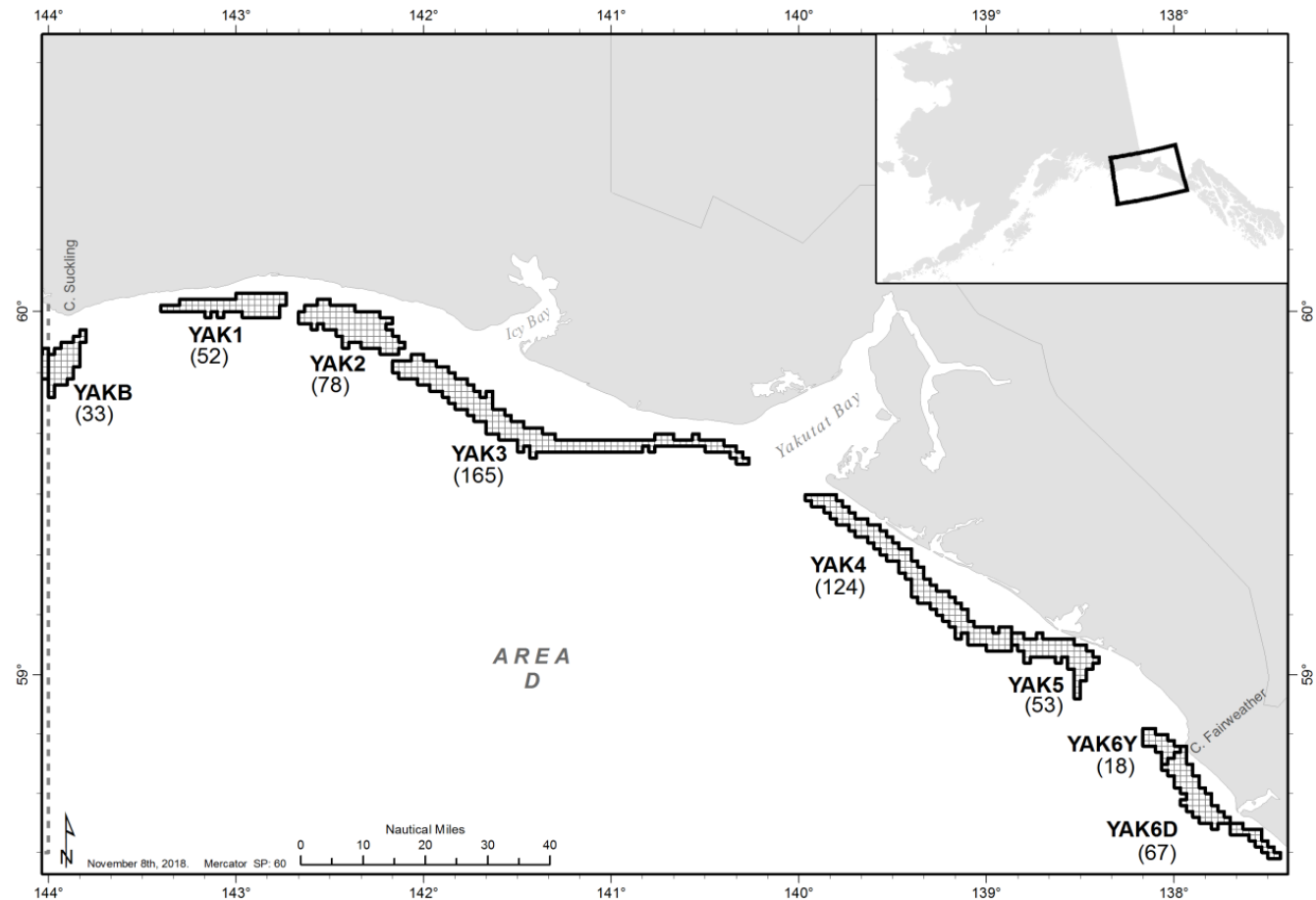


Southeast Region

Area D

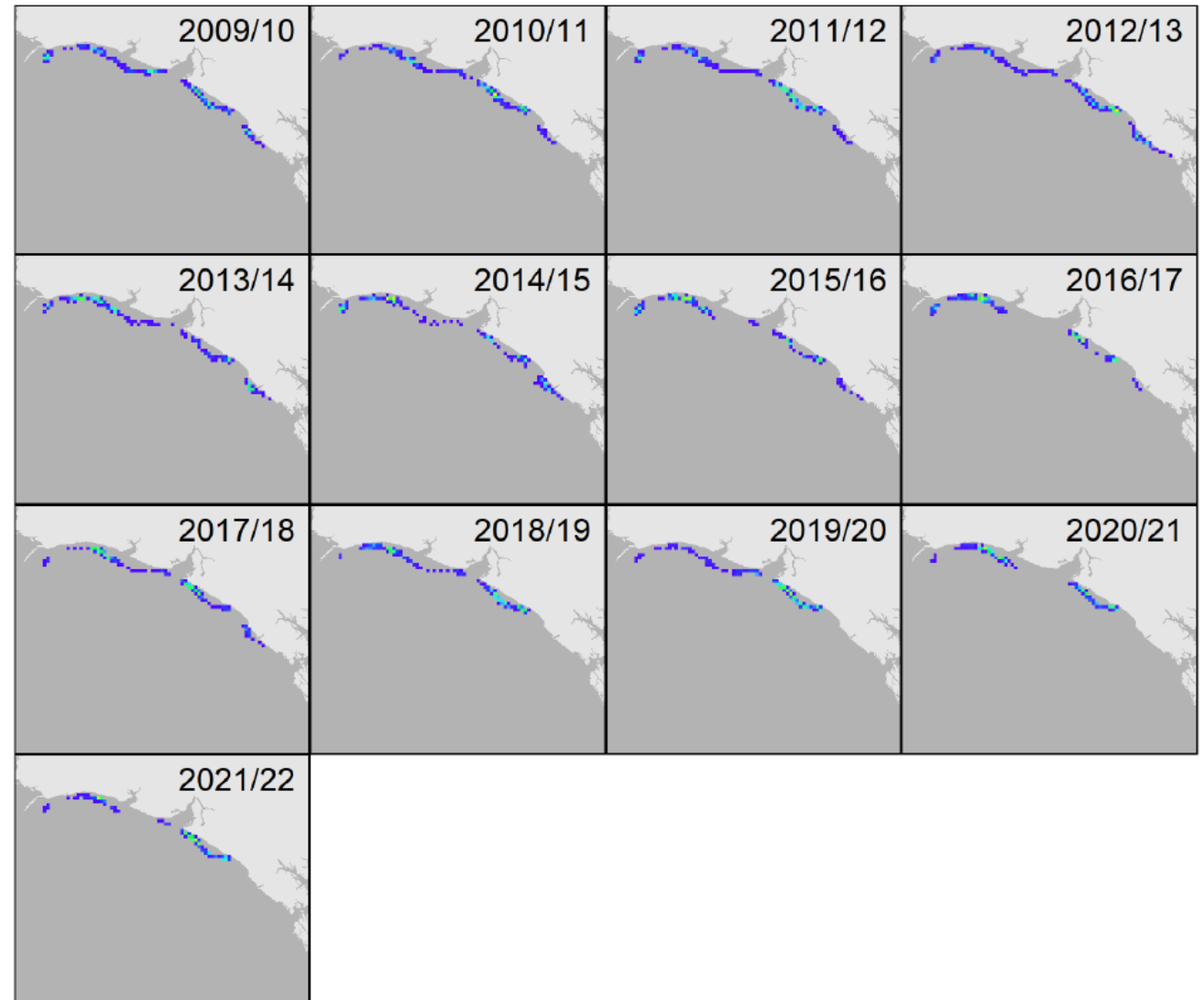
Yakutat (Area D)

- Management Overview:
 - 0–285,000 lb shucked meat GHR
 - July 1–February 15 season
- No crab bycatch limits (CBL)



Yakutat (Area D)

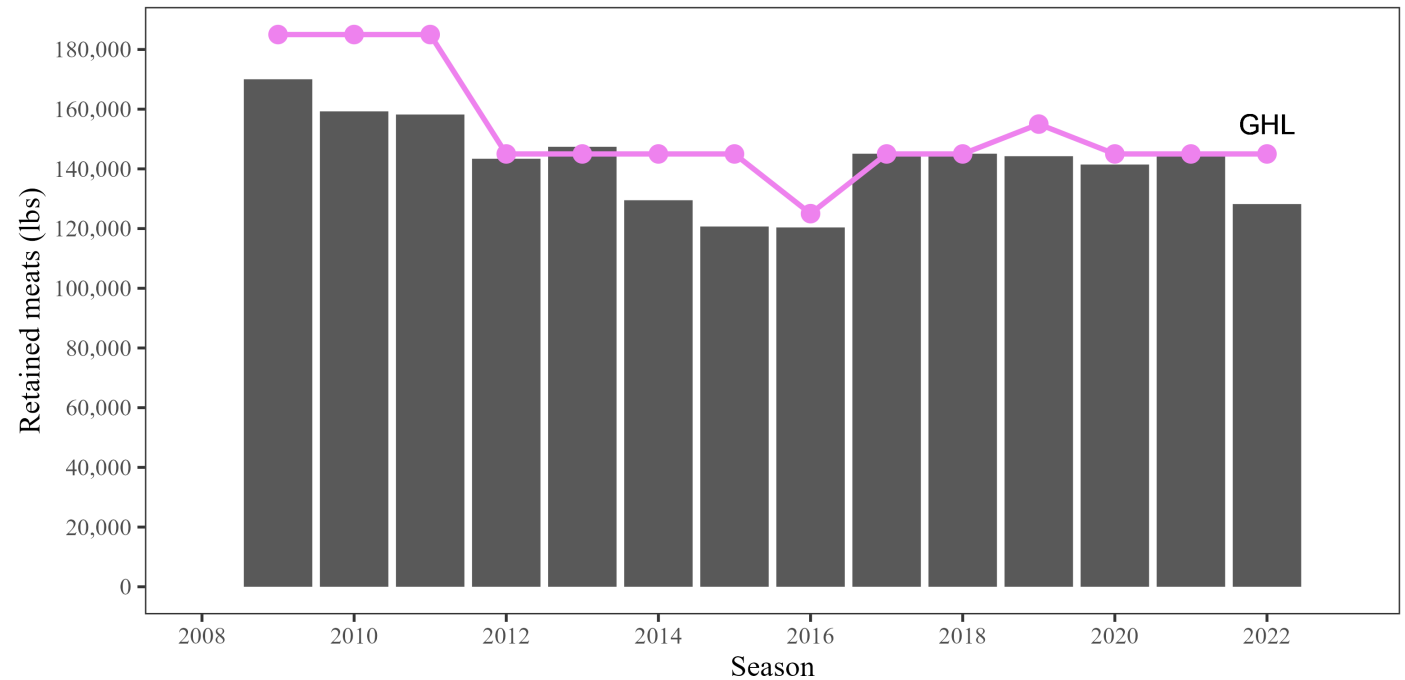
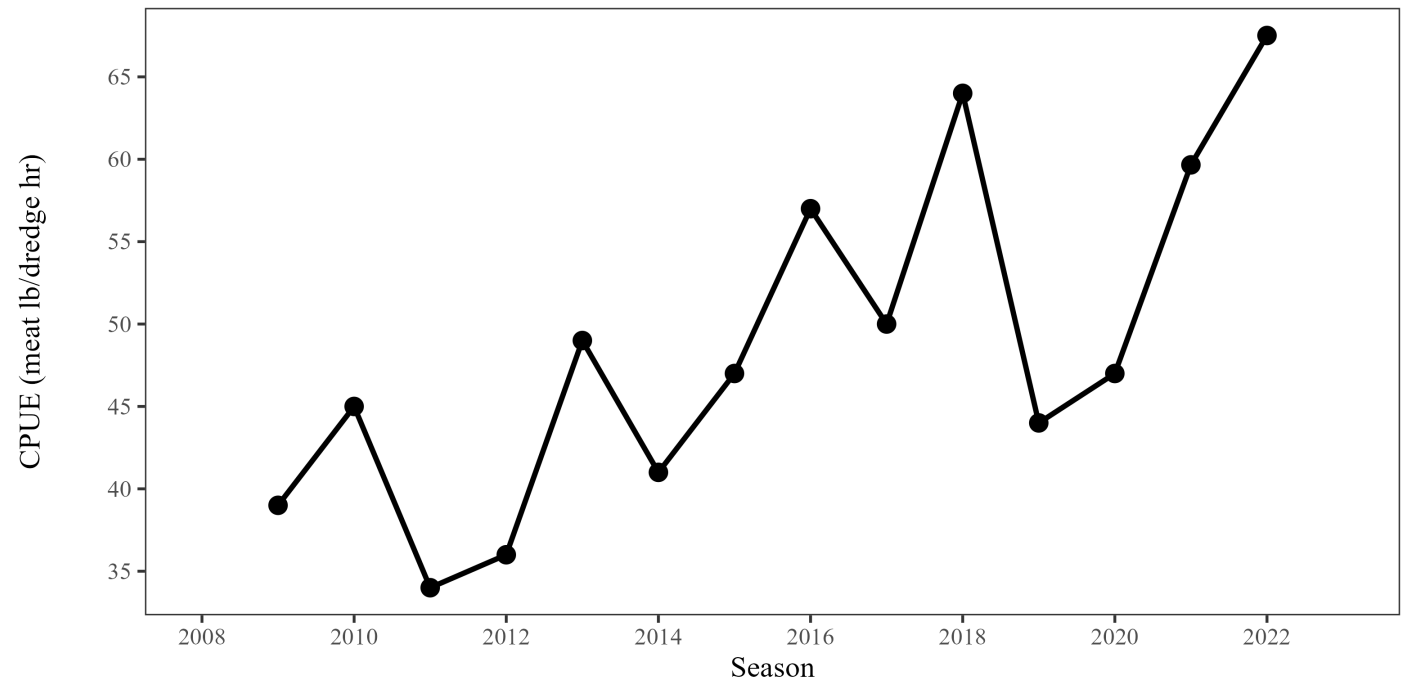
Spatial Distribution of Harvest



Yakutat (Area D)

Harvest & CPUE

- 2021/22 Season
 - 145,000 lb GHL
 - 145,010 lb retained meats
 - CPUE ↑
- 2022/2023 Season
 - 145,000 lb GHL
 - 128,210 lb retained meats*
 - CPUE ↑



*Data through March 2, 2022



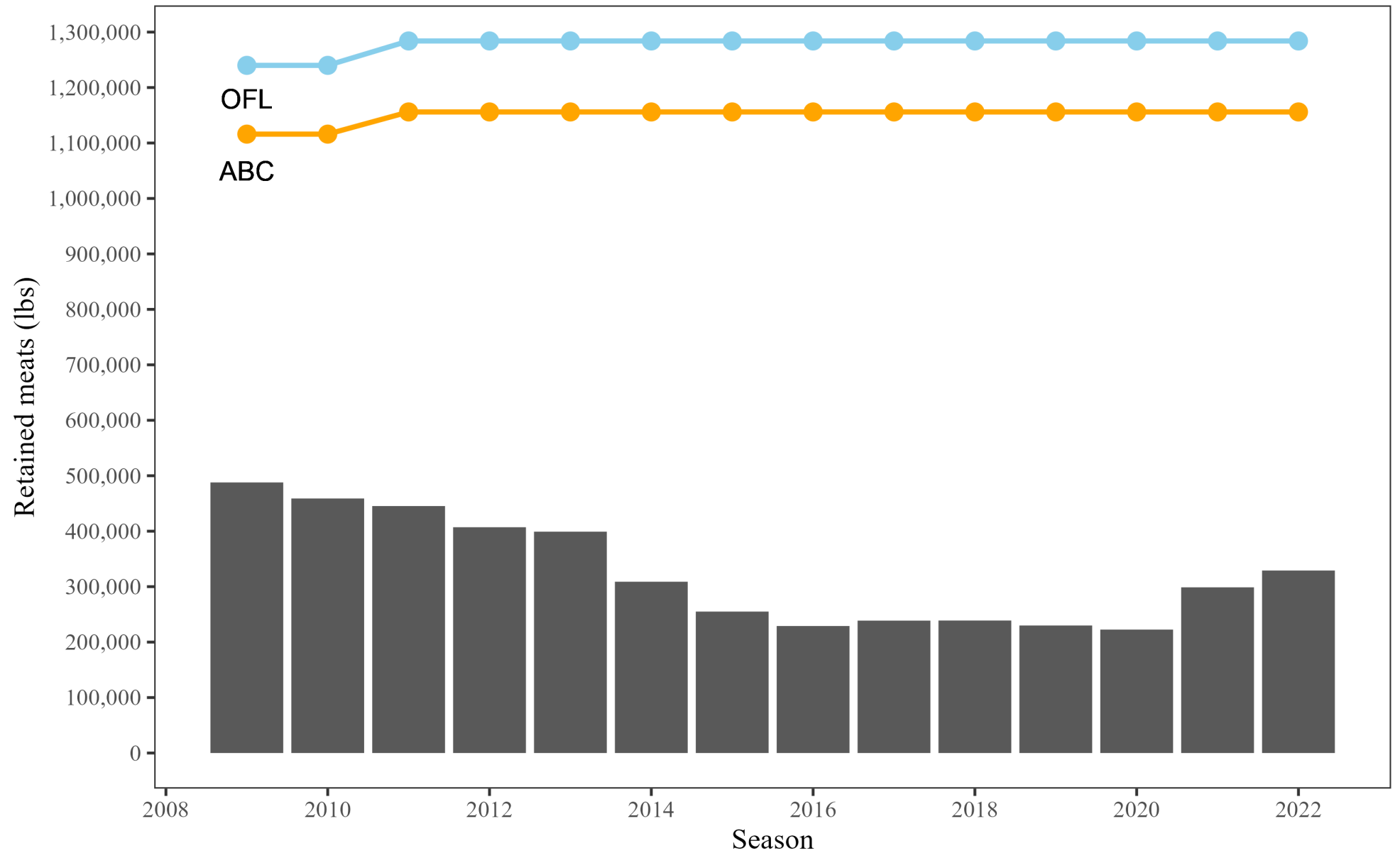
Statewide

Statewide: 2021/22 Season Summary

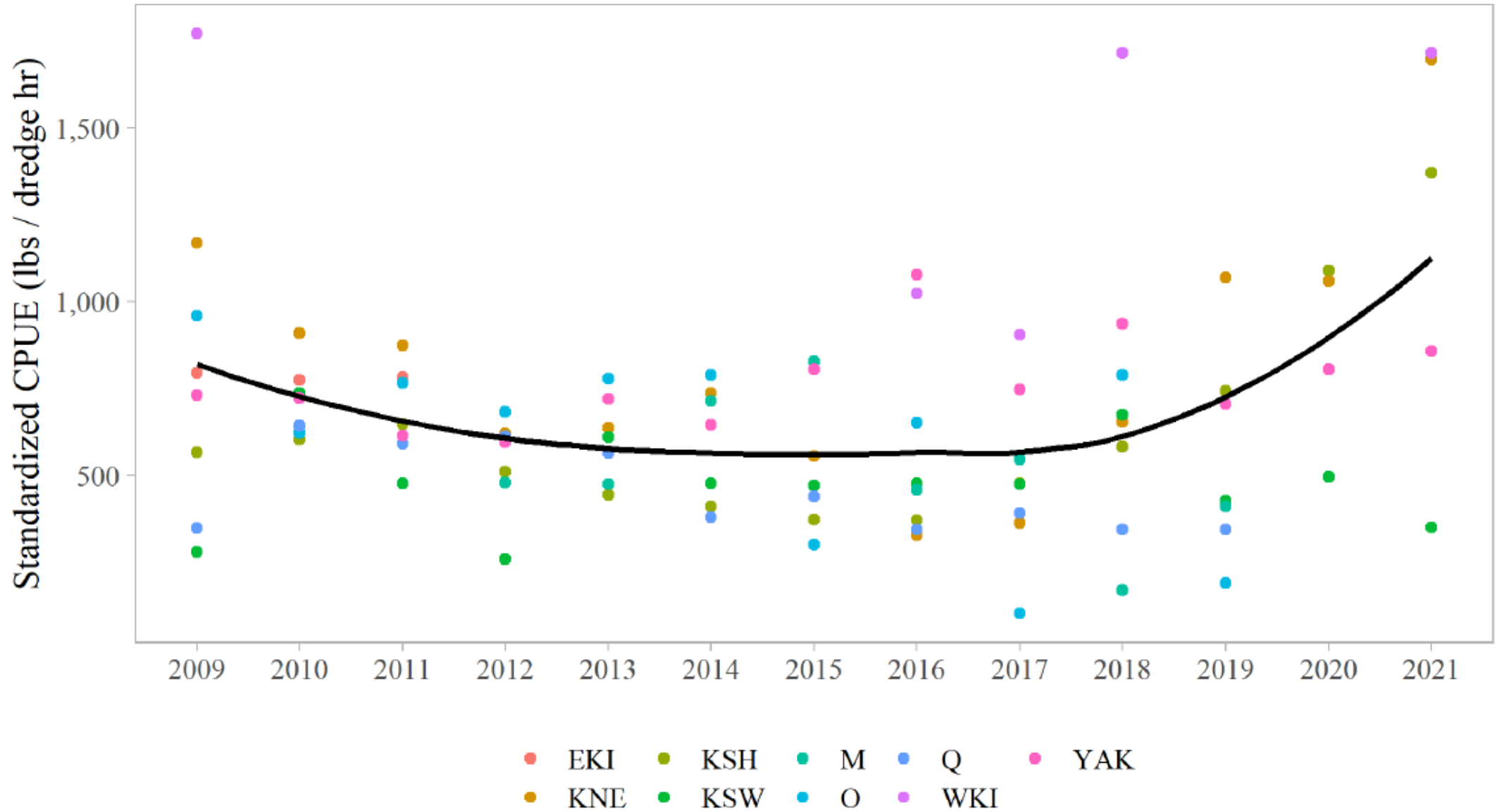
Registration Area	District/Subsection	GHR (lb meat)	GHL (lb meat)	Retained catch (lb meat)	CPUE (lb meat per dredge hr)
Yakutat (D)		0–285,000	145,000	145,010	59
Prince William Sound (E)	East Kayak		Closed		
	West Kayak		8,000	8,170	124
Kodiak (K)	Northeast District		30,000	30,295	103
	Shelikof District		80,000	80,215	106
	Southwest District	0–300,000 for whole Kodiak Area	35,000	35,080	56
	Southeast District		15,000	No effort	
	Semidi District			Exploratory Area	0
Alaska Peninsula (M)	Unimak Bight, Central, & West Chignik	0–100,000 for whole Alaska Peninsula Area	15,000	No effort	
Dutch Harbor (O)	Bering Sea & Pacific Ocean	0–110,000	10,000	No effort	
Bering Sea (Q)		0–300,000	7,500	No effort	
Statewide Totals			345,500	298,770	

Statewide

Harvest



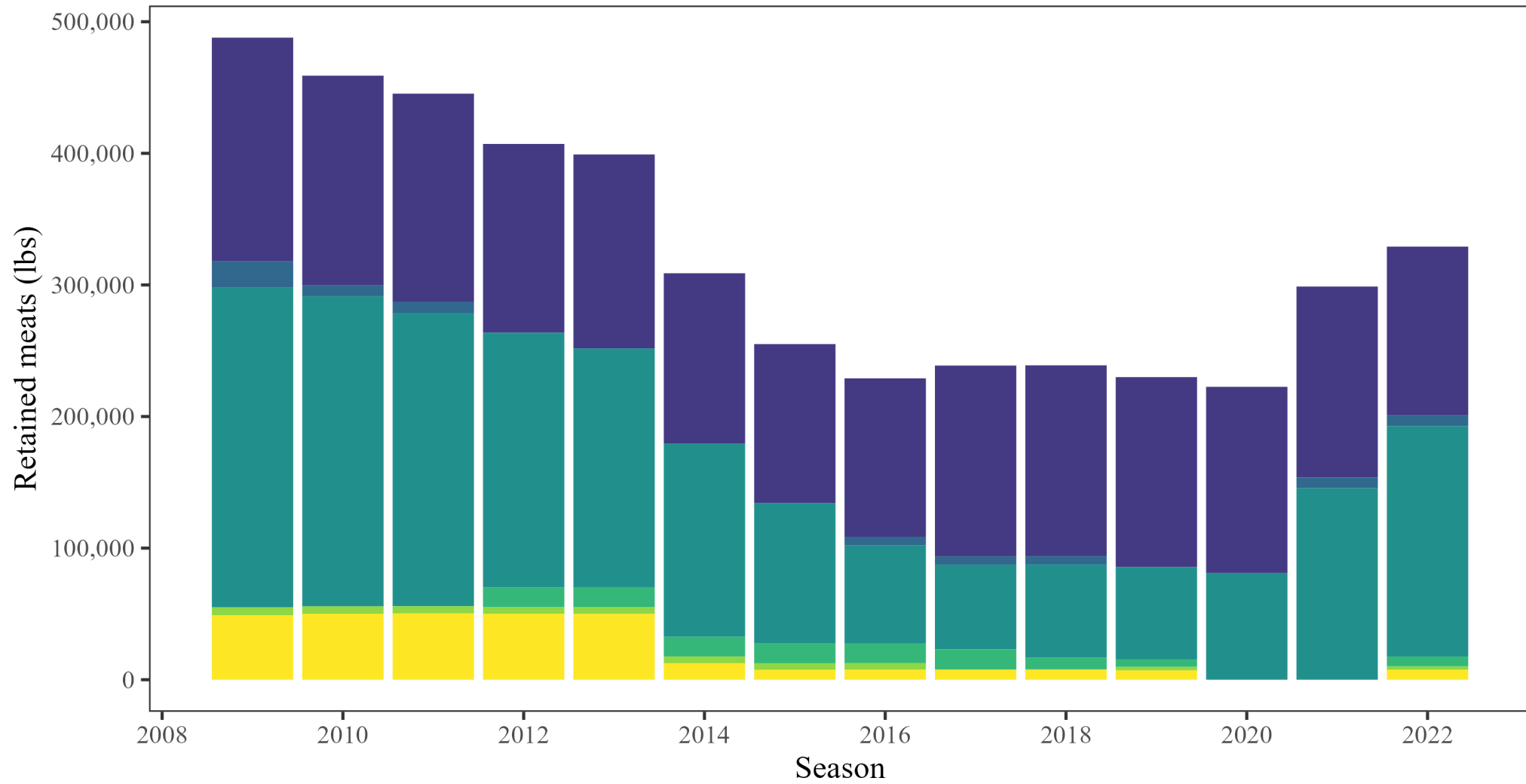
Statewide



Statewide: 2022/23 Preliminary Harvest

Registration Area	District/Subsection	GHR (lb meat)	GHL (lb meat)	Retained catch (lb meat)	CPUE (lb meat per dredge hr)
Yakutat (D)		0–285,000	145,000	128,210	67.5
Prince William Sound (E)	East Kayak		Closed		
	West Kayak		8,000	8,130	94.2
	Northeast District		40,000	40,040	130.9
	Shelikof District		100,000	99,970	110.6
Kodiak (K)		0–300,000 for whole Kodiak Area			
	Southwest District		35,000	35,030	67.8
	Southeast District		15,000	No effort	
	Semidi District		Exploratory Area	No effort	
Alaska Peninsula (M)	Unimak Bight, Central, & West Chignik	0–100,000 for whole Alaska Peninsula Area	15,000	7,560	35.4
Dutch Harbor (O)	Bering Sea & Pacific Ocean	0–110,000	10,000	2,620	20.2
Bering Sea (Q)		0–300,000	7,500	7,535	22.8
Statewide Totals			375,500	329,095	

Statewide: 2022/23 Preliminary Harvest



Questions?