

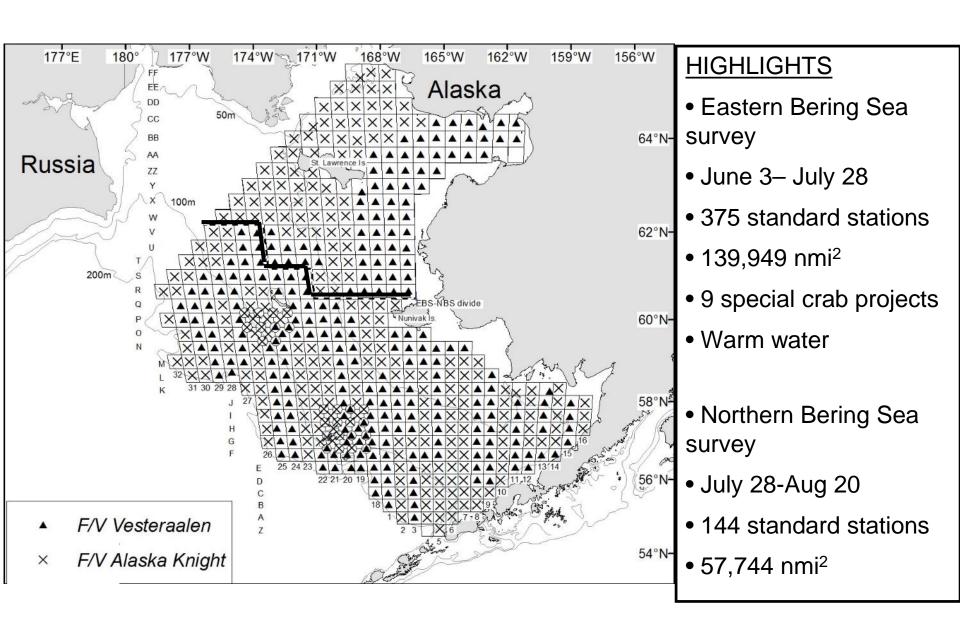
The 2019 Eastern Bering Sea Continental Shelf Bottom Trawl Survey: Results for Commercial Crab Species

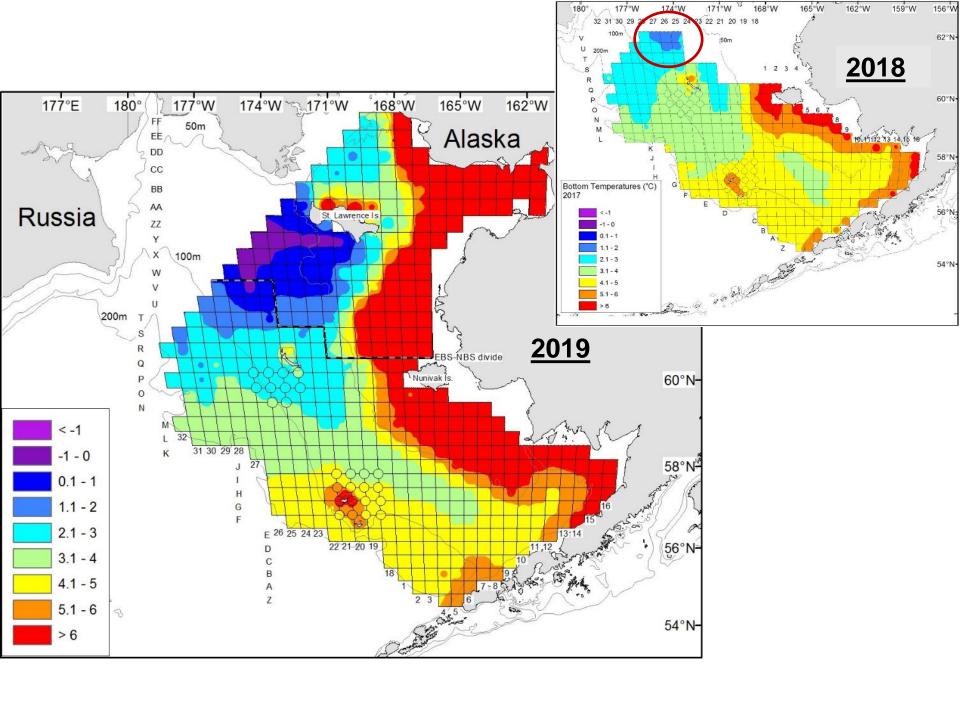
NOAAFISHERIES

Alaska Fisheries Science Center-Kodiak Lab Jonathan Richar, Leah Zacher AFSC SAP and GAP programs

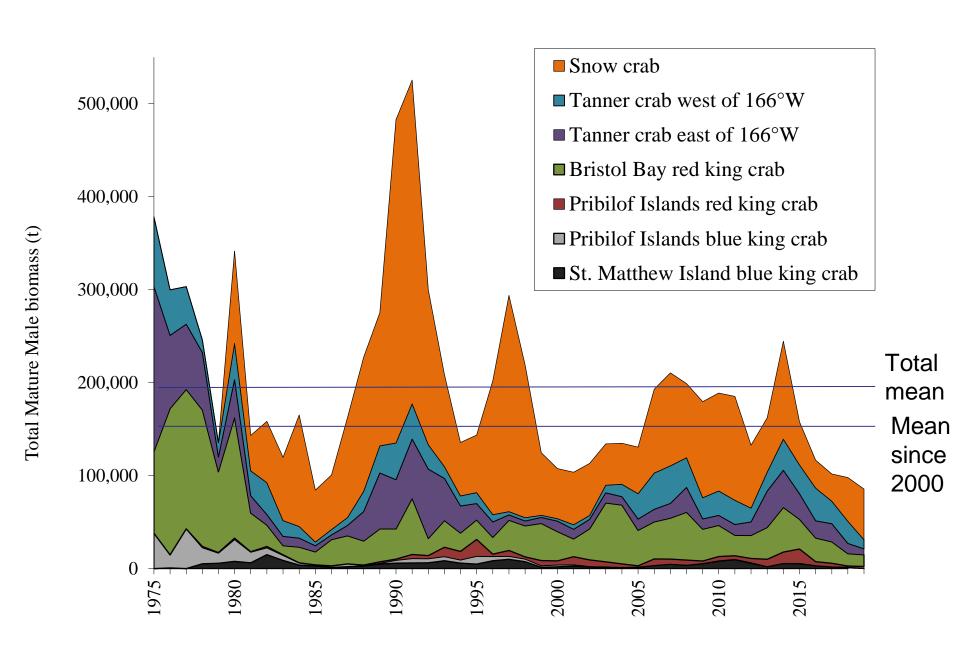
Crab Plan Team September 2019

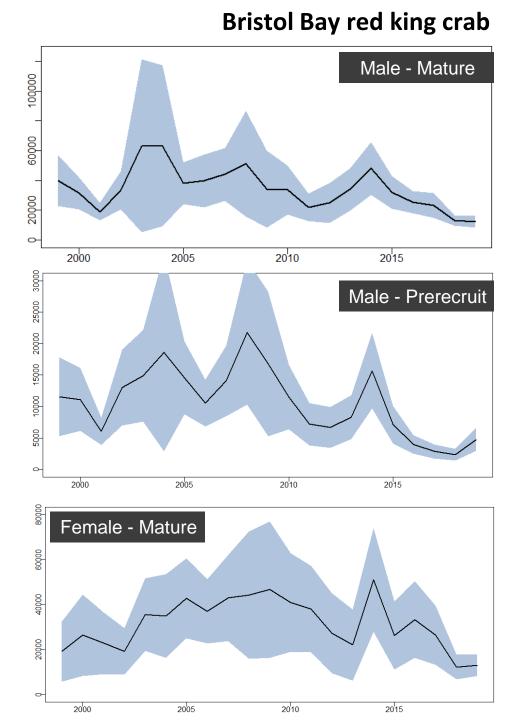
2019 standard Bering Sea survey





Mature male biomass





Legal male -25%

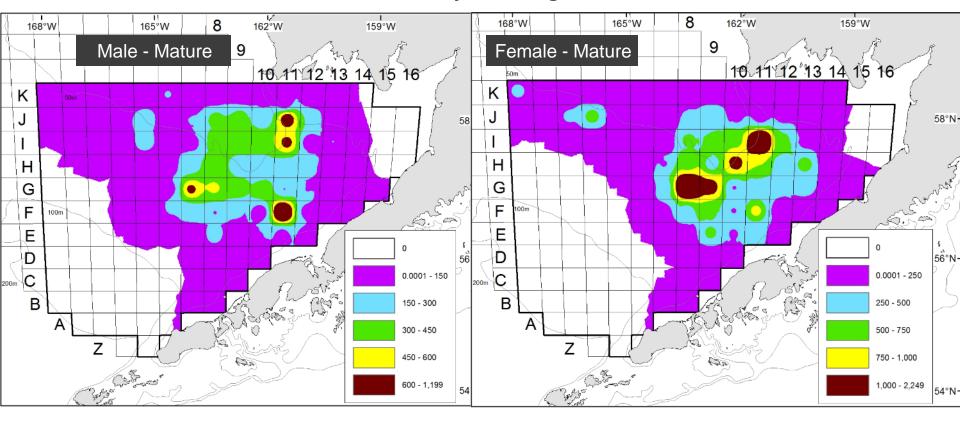
Mature male -6%

Pre-recruit males +105%

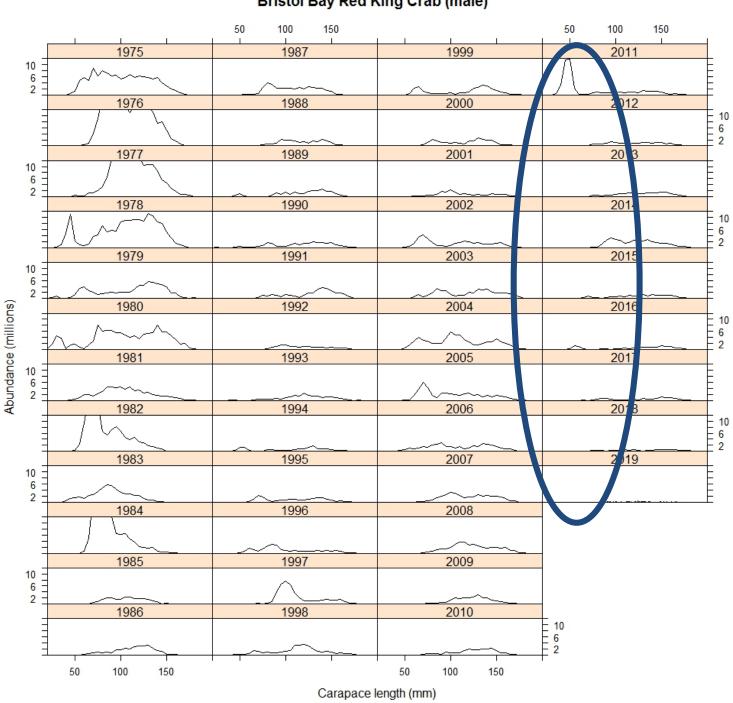
Mature female +6.6%

Juveniles Male -1% Female -32%

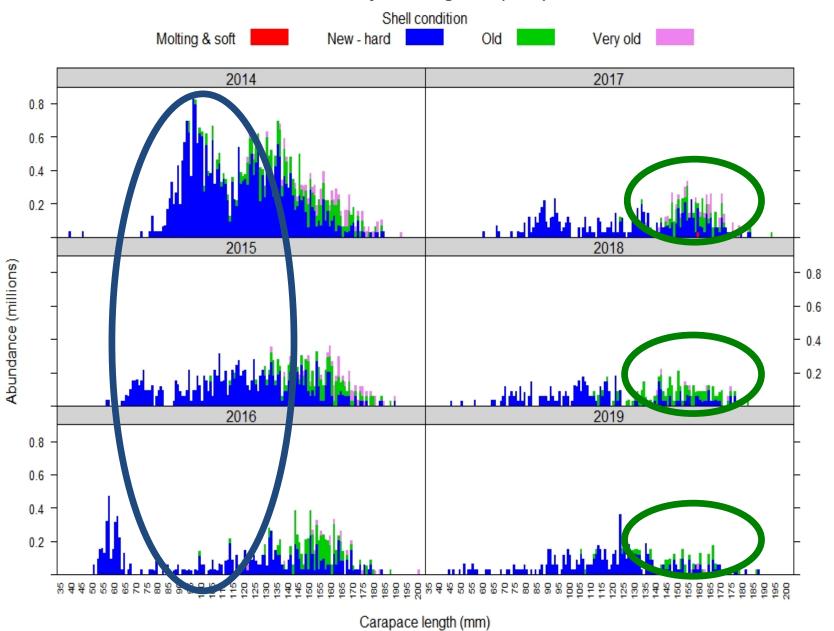
Bristol Bay red king crab



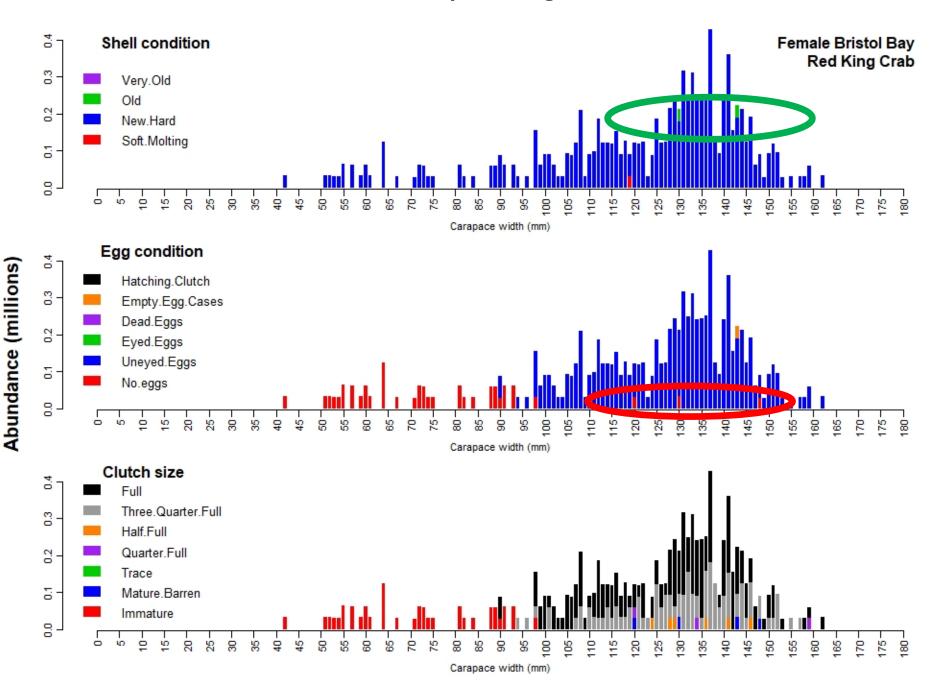
Bristol Bay Red King Crab (male)



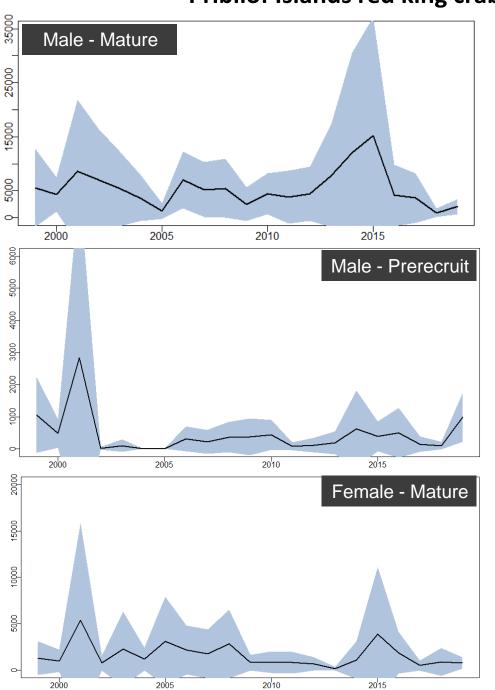
Bristol Bay Red King Crab (male)



Bristol Bay red king crab



Pribilof Islands red king crab



Legal male +33%

Mature male +125%

Pre-recruit males +867%

Mature female -9 %

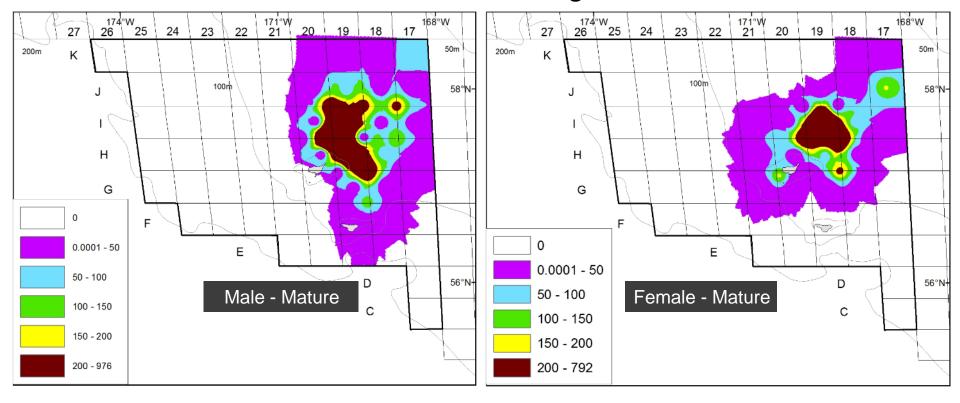
Juveniles

Male: -77%

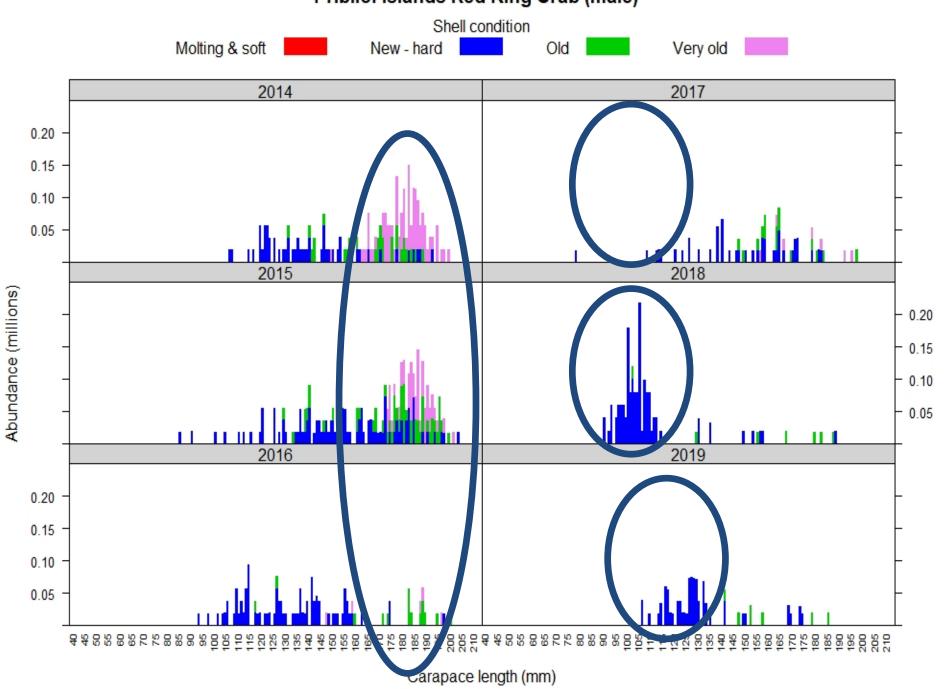
Female: none caught

2017/2018

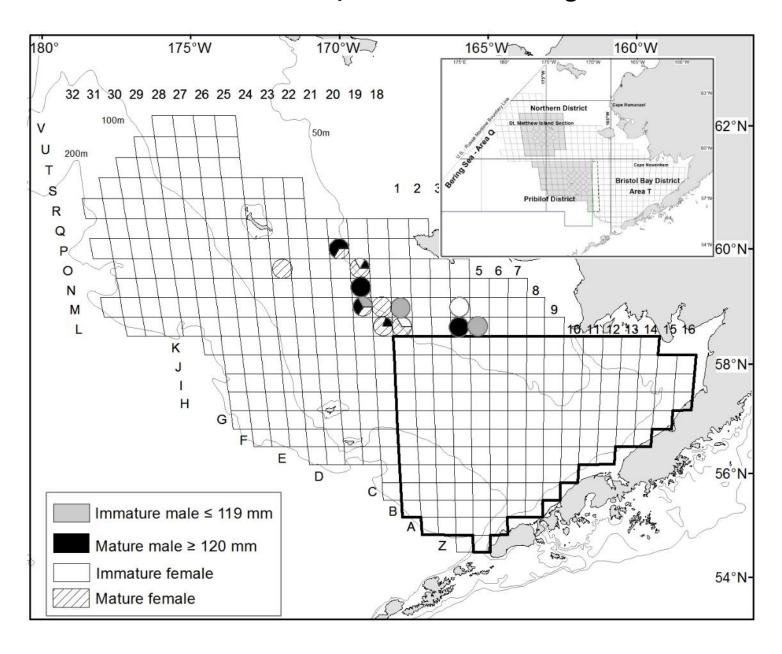
Pribilof Islands red king crab



Pribilof Islands Red King Crab (male)

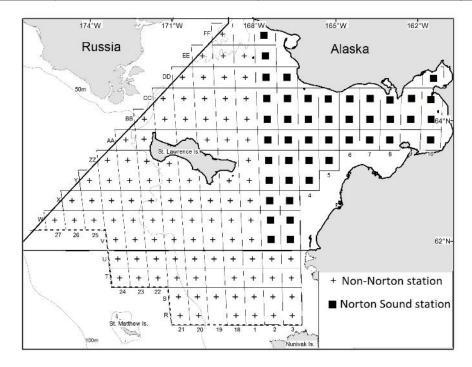


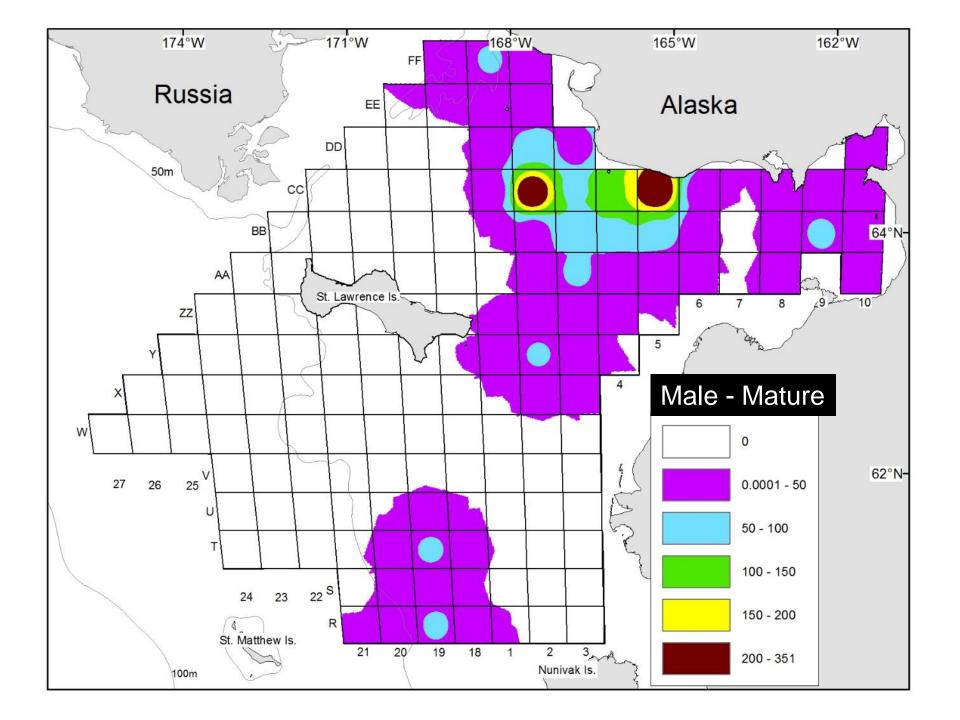
Northern District/Unstratified red king crab



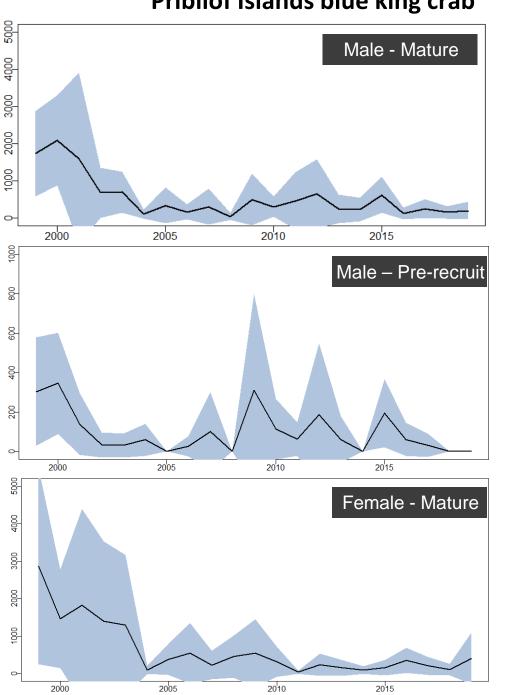
Norton Sound red king crab

	2017 biomass (MT)	2019 biomass (MT)	Percent difference
Immature male (LE93)	295.78	1364.32	361.26
Mature male (GE94)	1191.98	710.90	-40.36
Legal male (GE104)	1069.88	526.45	-50.79





Pribilof Islands blue king crab



Legal male +34%

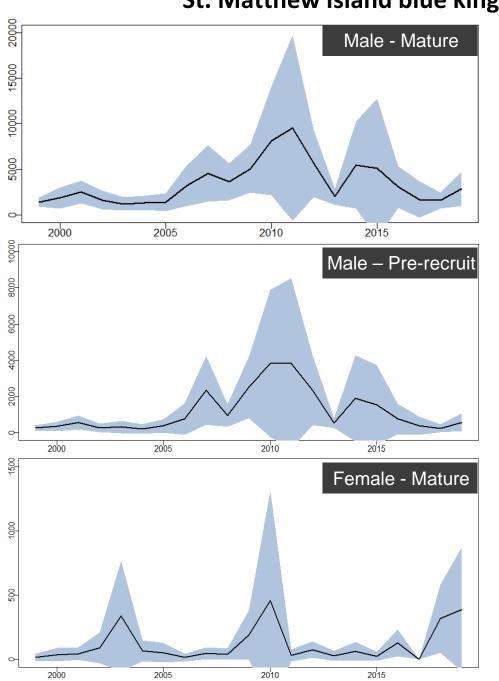
Mature male +34%

Pre-recruit males None caught 2018/2019

Mature female +277%

Juveniles: Male +21% Female -100%

St. Matthew Island blue king crab



Legal males +70%

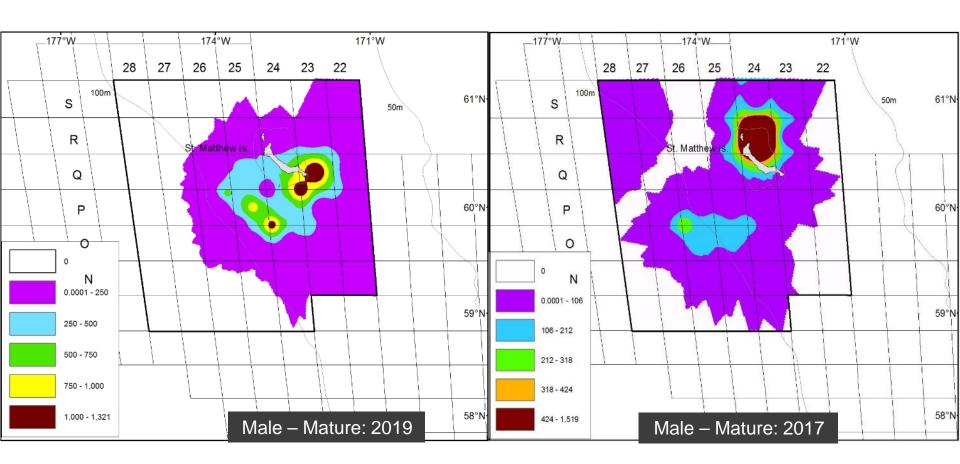
Mature males +79%

Pre-recruit males +126%

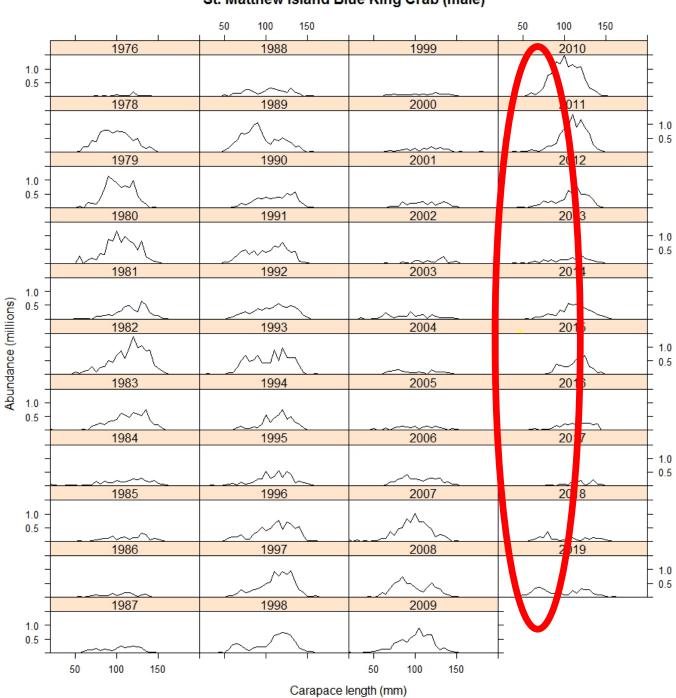
Mature females +22%

Juveniles Males +76% Females +68%

St. Matthew Island blue king crab

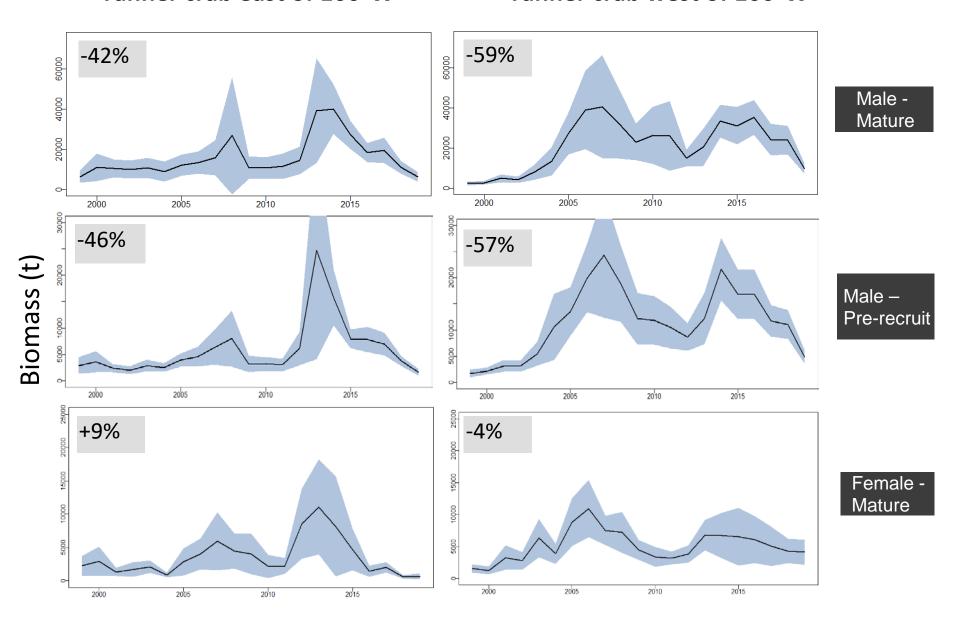


St. Matthew Island Blue King Crab (male)

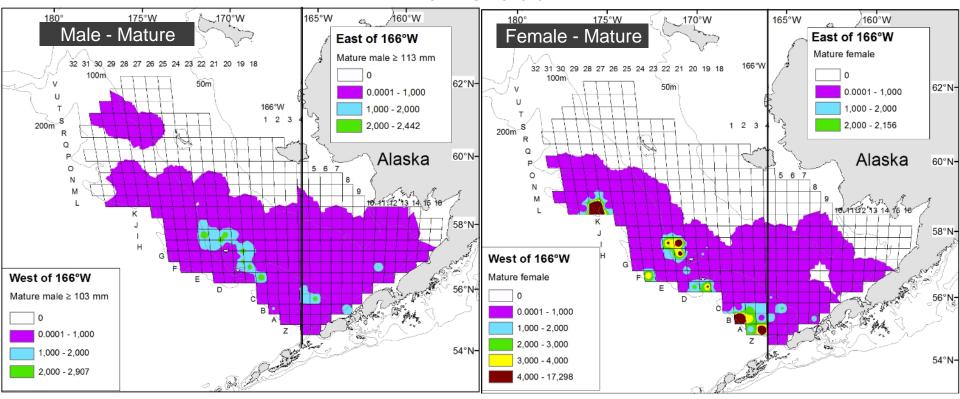


Tanner crab east of 166°W

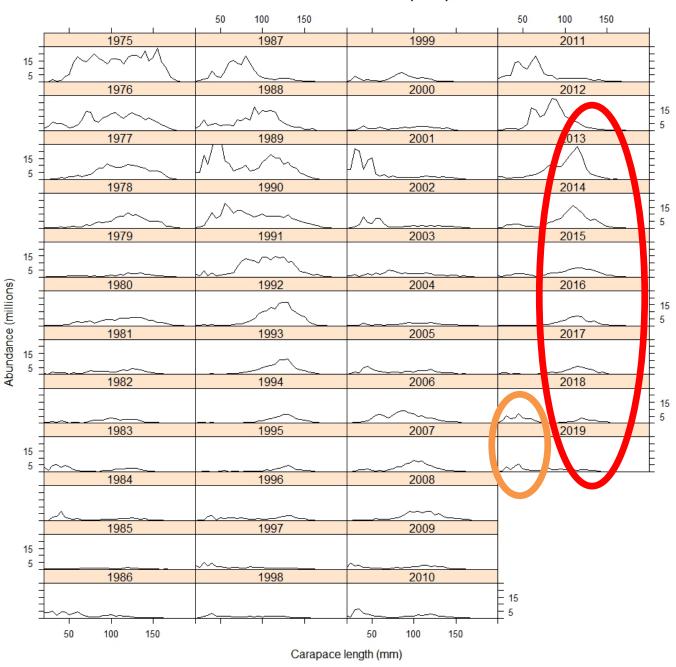
Tanner crab west of 166°W



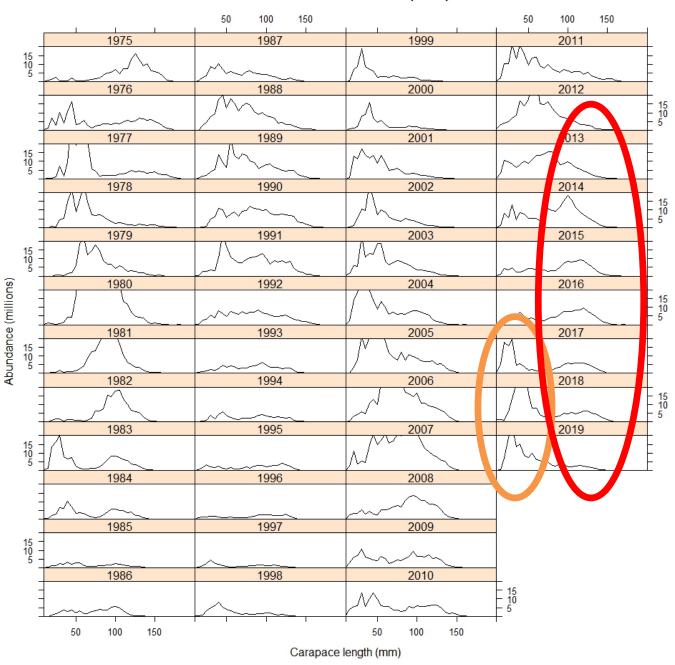
Tanner crab

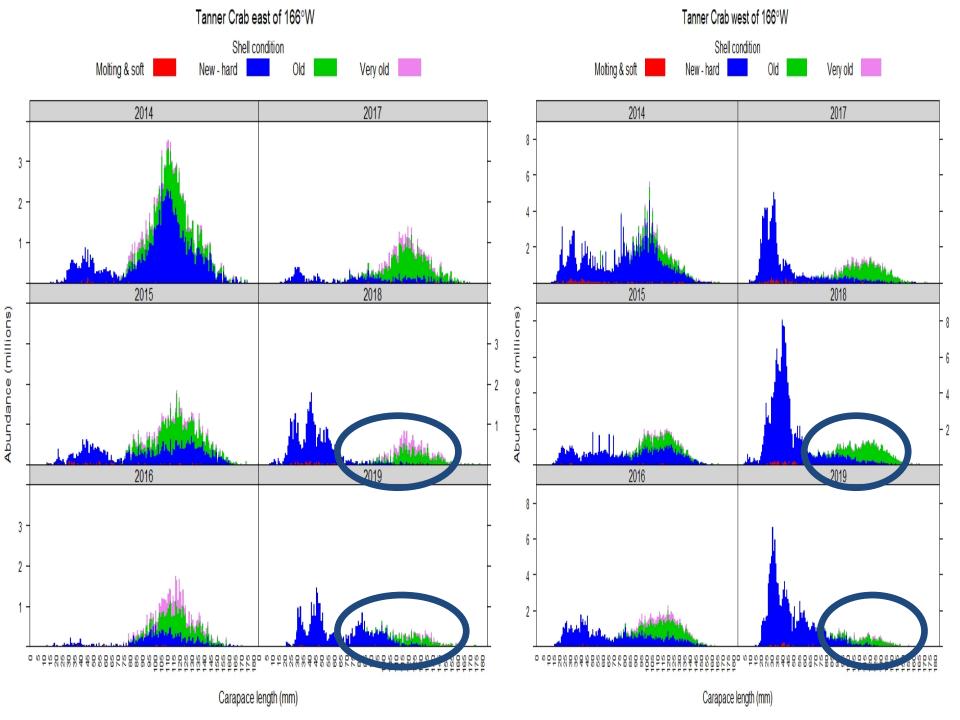


Tanner Crab east of 166W (male)



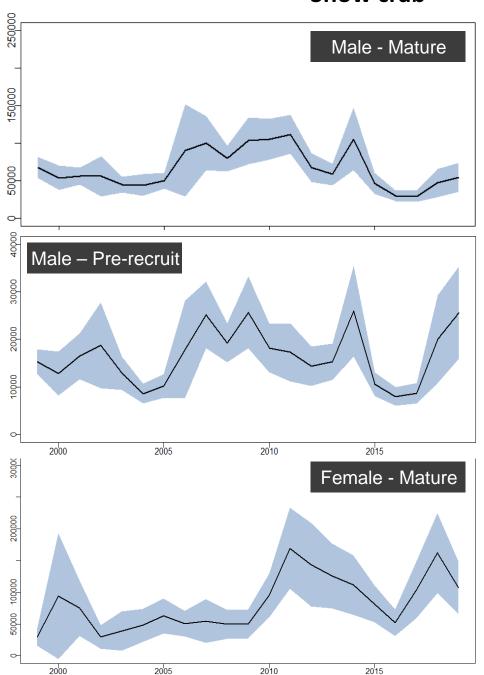
Tanner Crab west of 166W (male)







Snow crab



Preferred males +7%

Mature males +16%

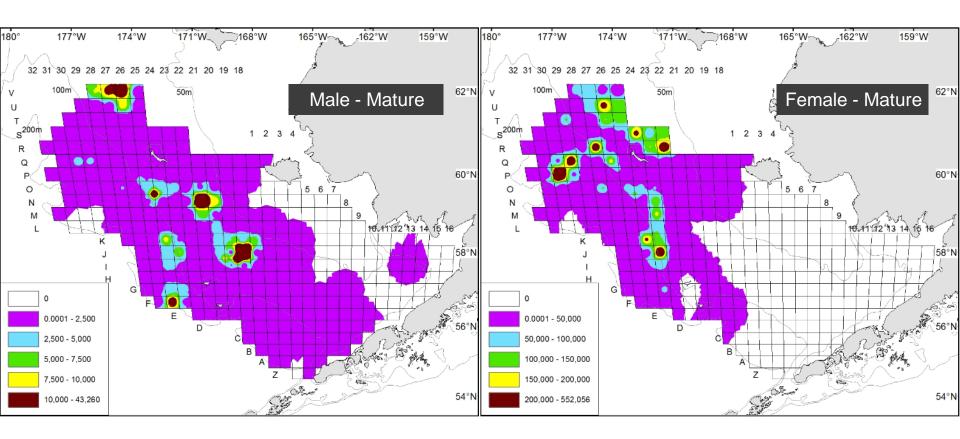
Legal males +35%

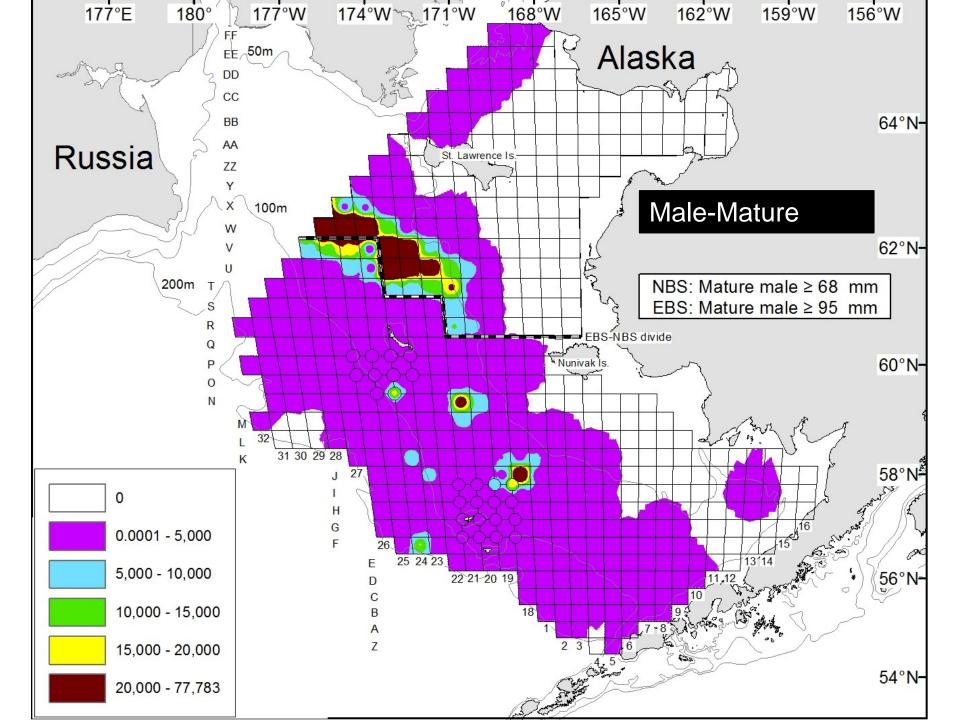
Pre-recruit males +28%

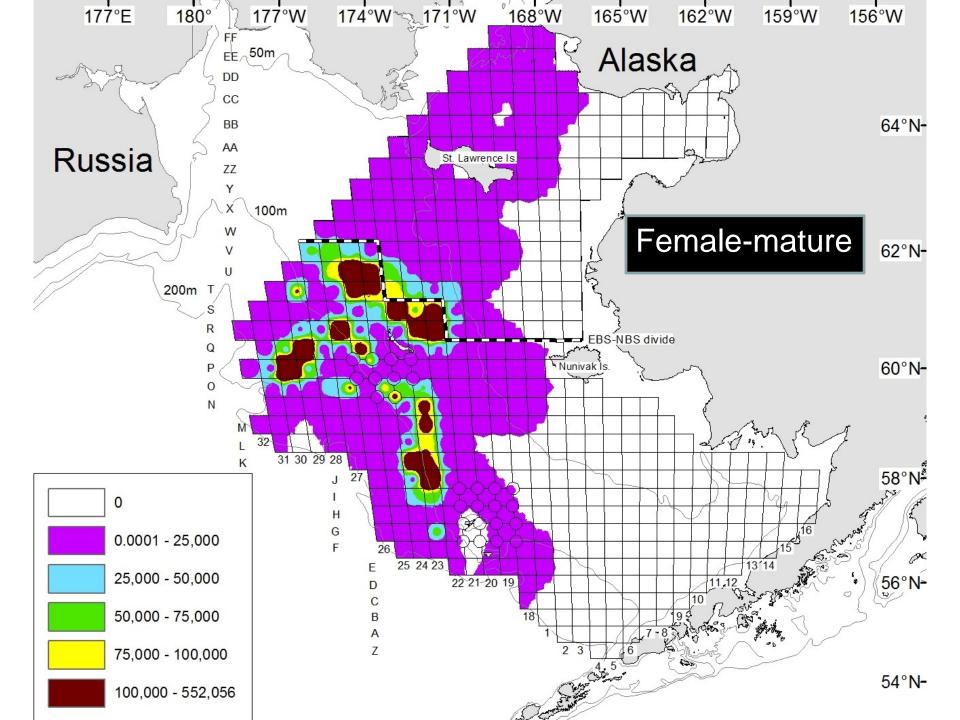
Mature females -34%%

Juveniles
Male -38%
Female -94 %

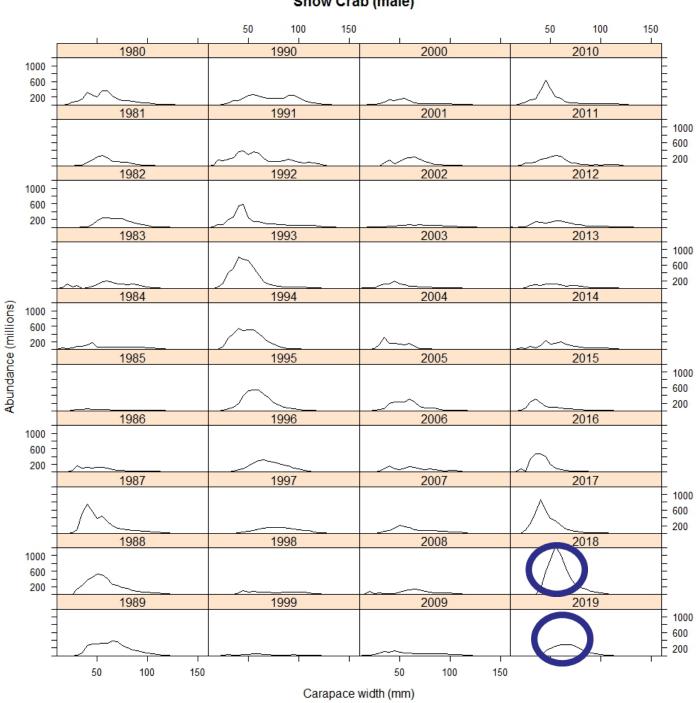
Snow crab



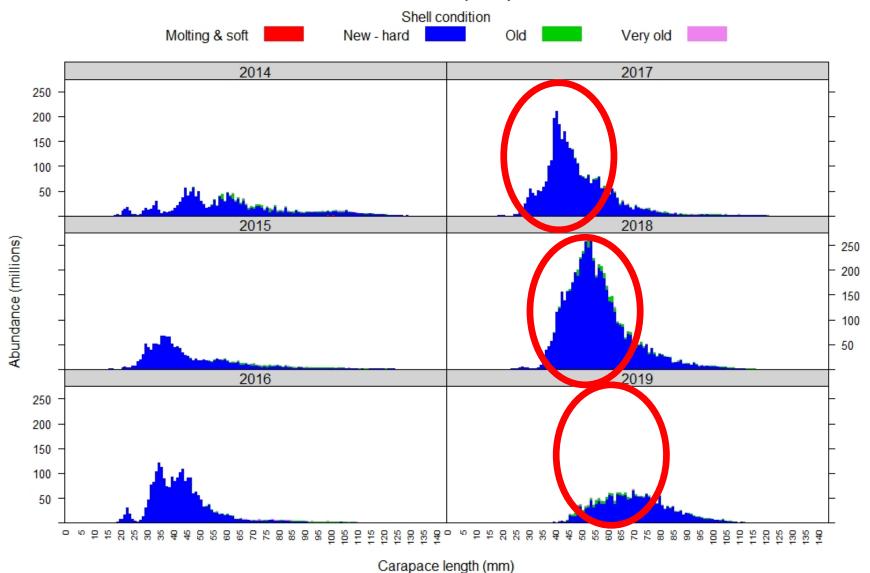




Snow Crab (male)



Snow Crab (male)



Questions?

