



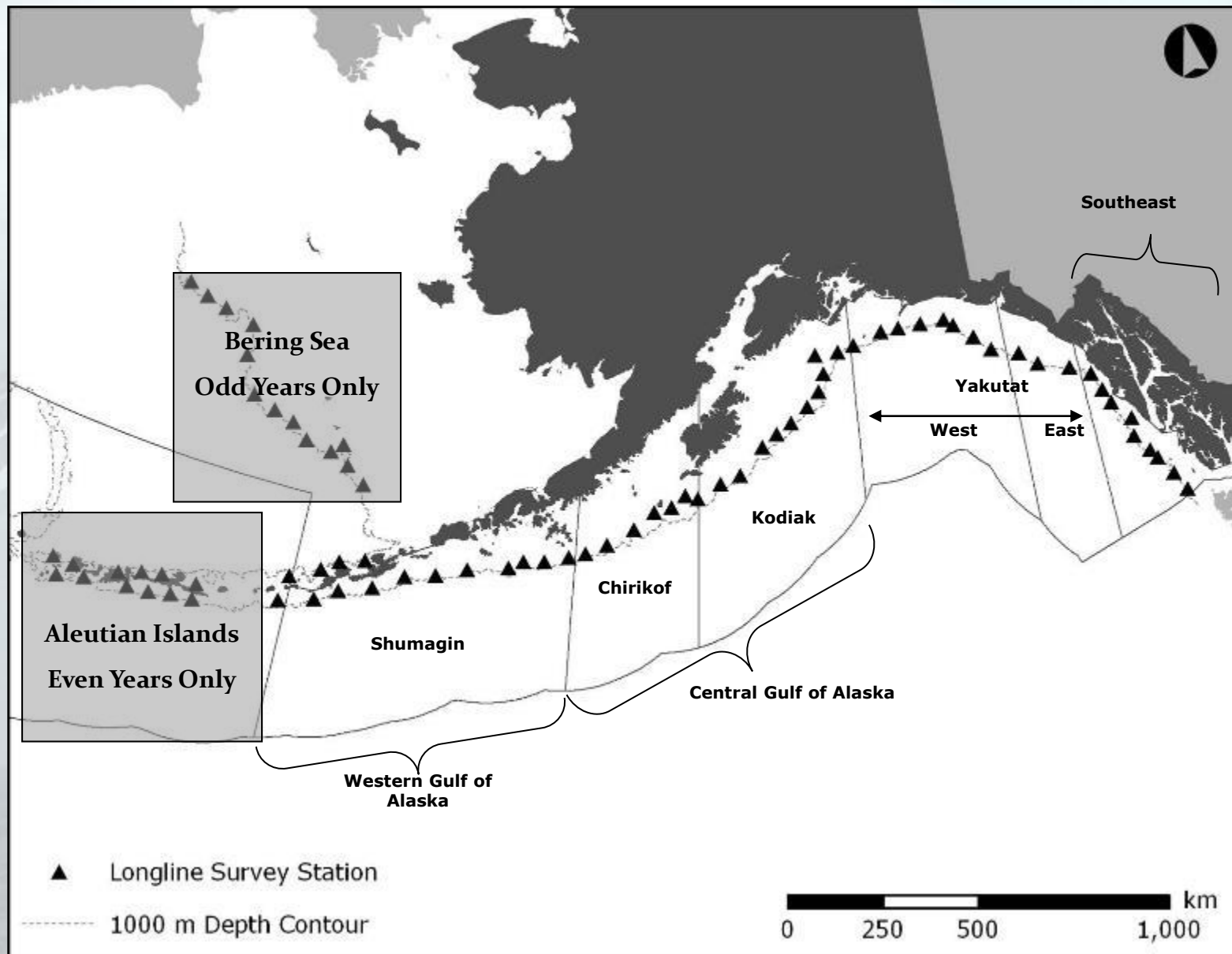
Longline survey 2018  
Aleutian year

# 30,000 ft Plan Team Update

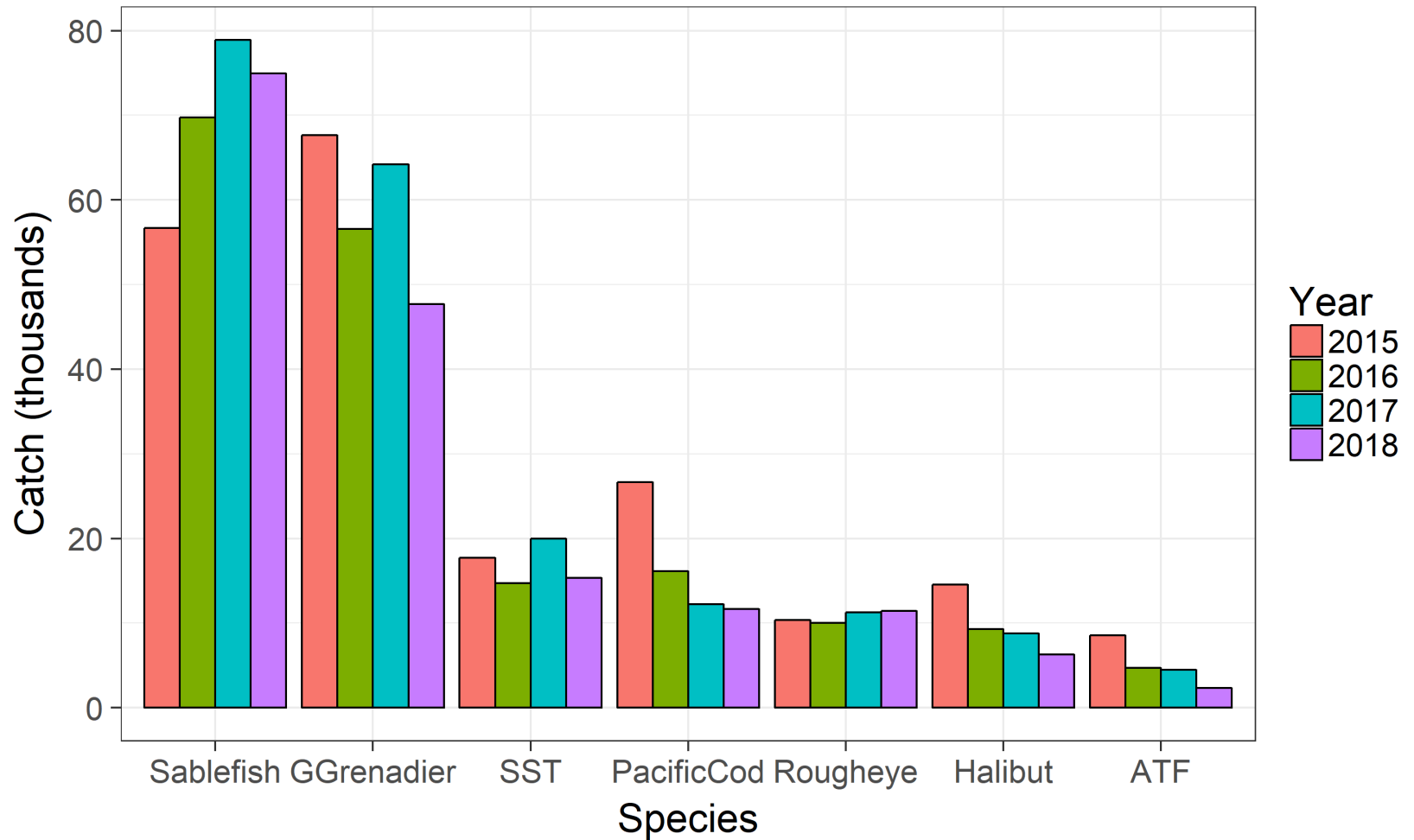


- Whale Interactions
- 2018 Relative Population Numbers (RPNs)
- 2018 Lengths
- Survey observations
- Data uploaded to AKFIN

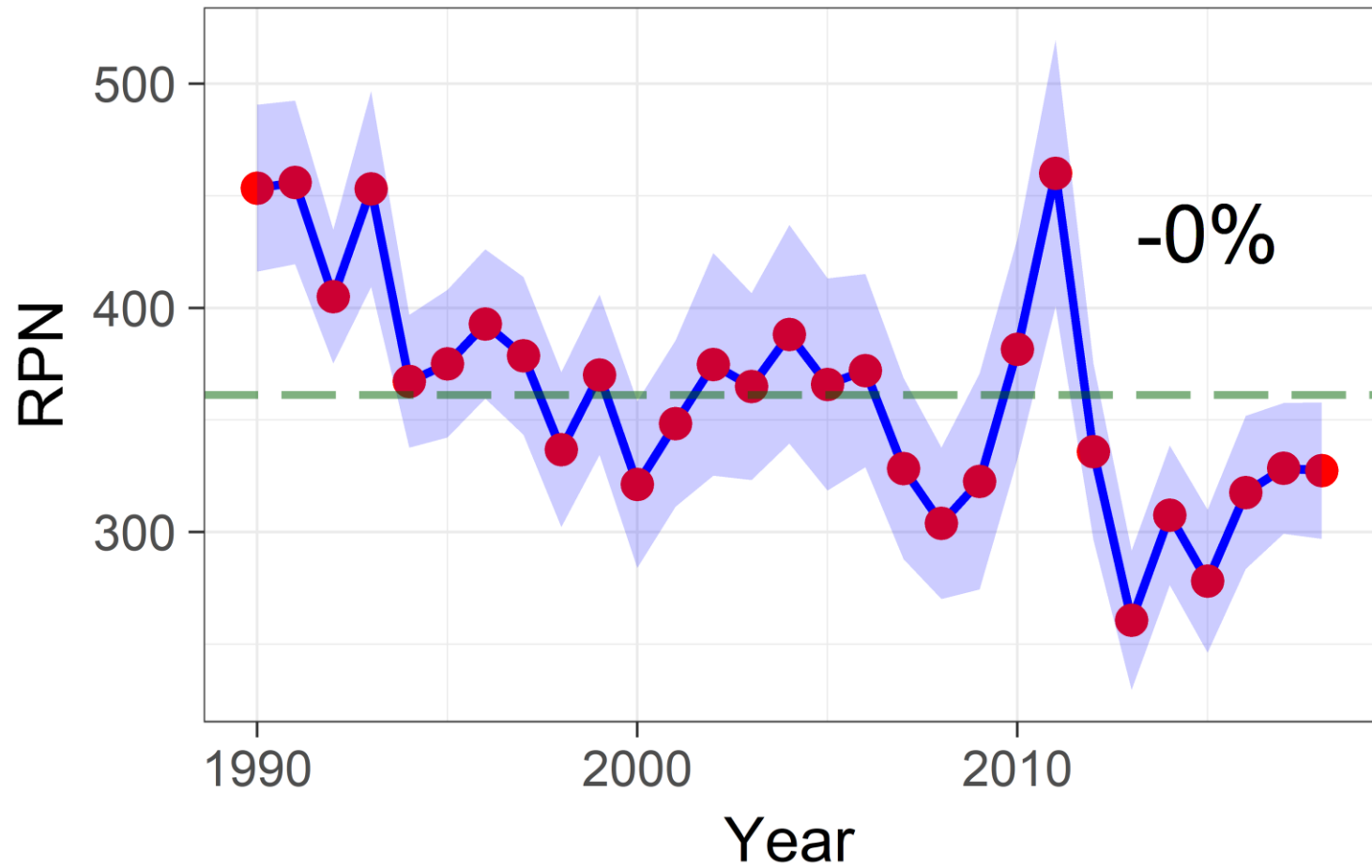
# Survey Geographic Coverage

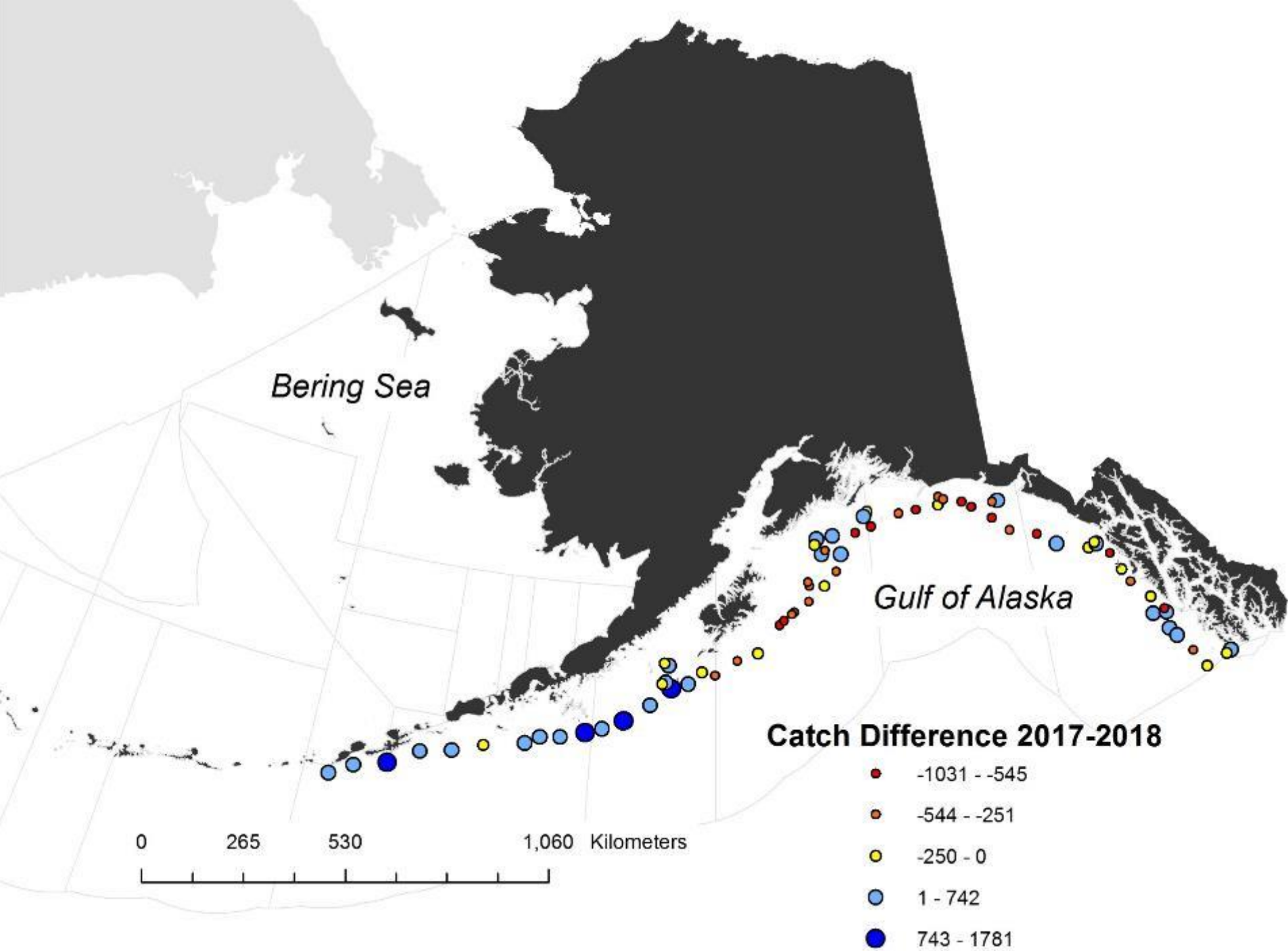


## Recent raw catches by species

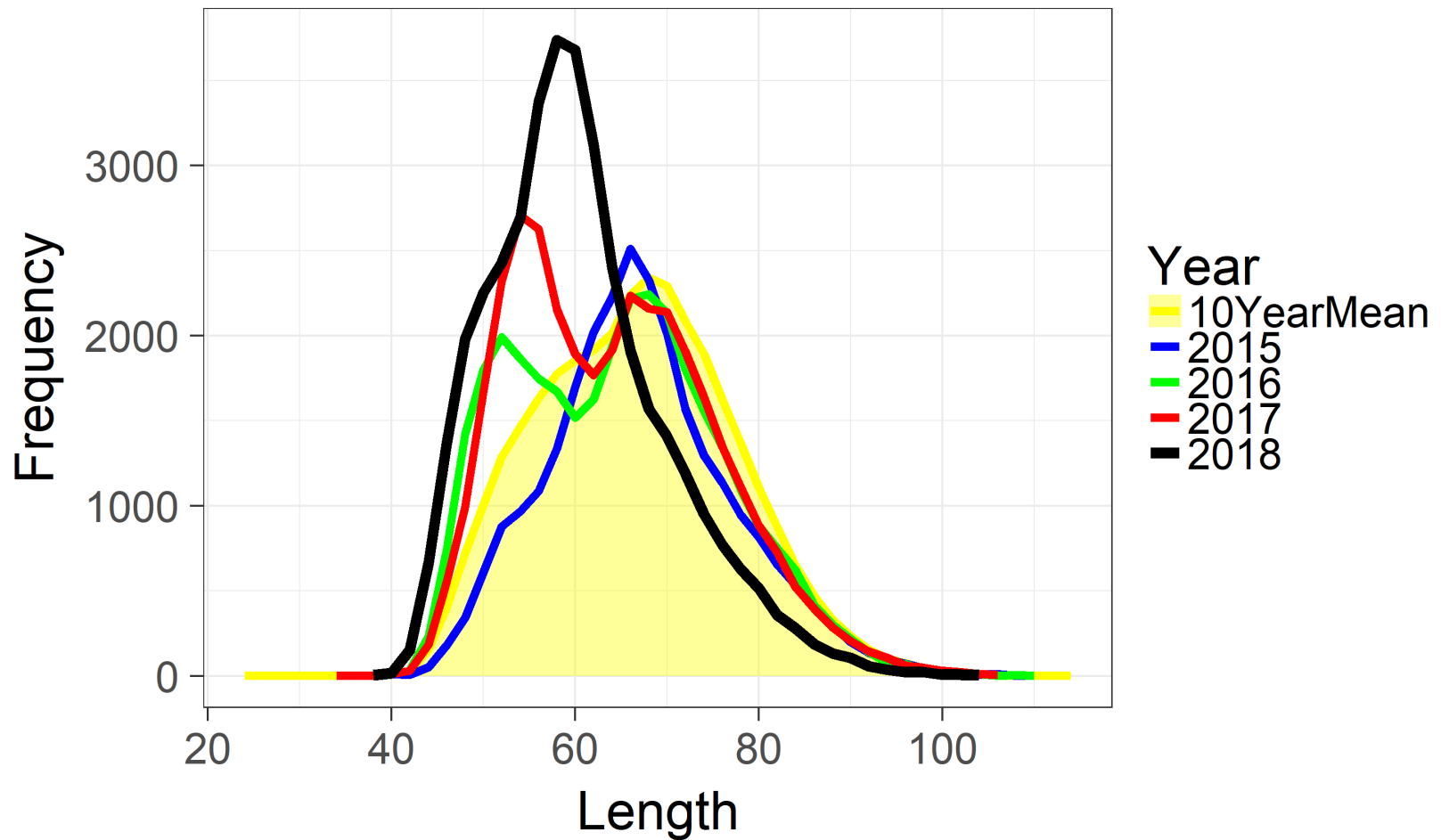


# GOA Sablefish longline survey RPN

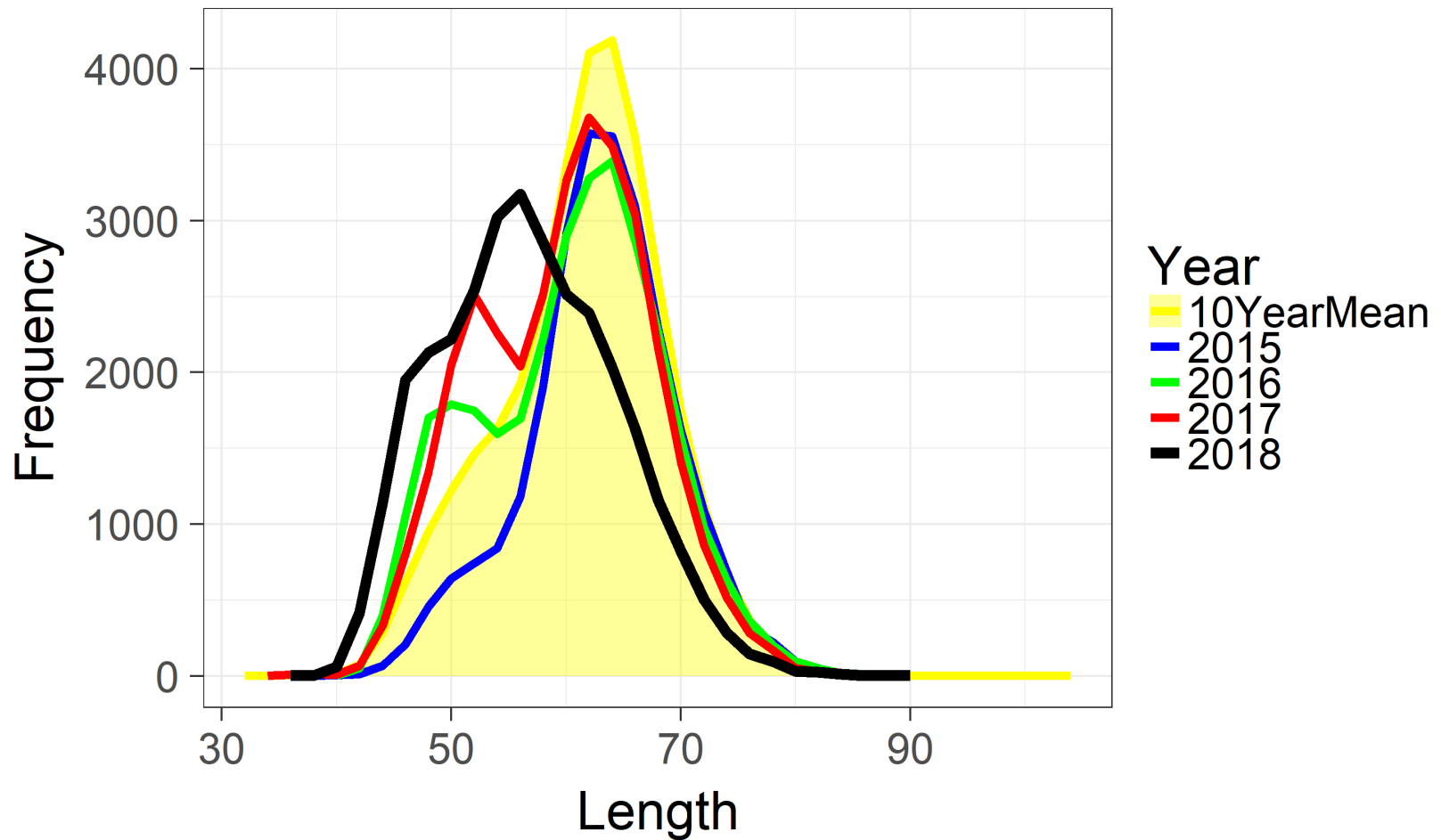




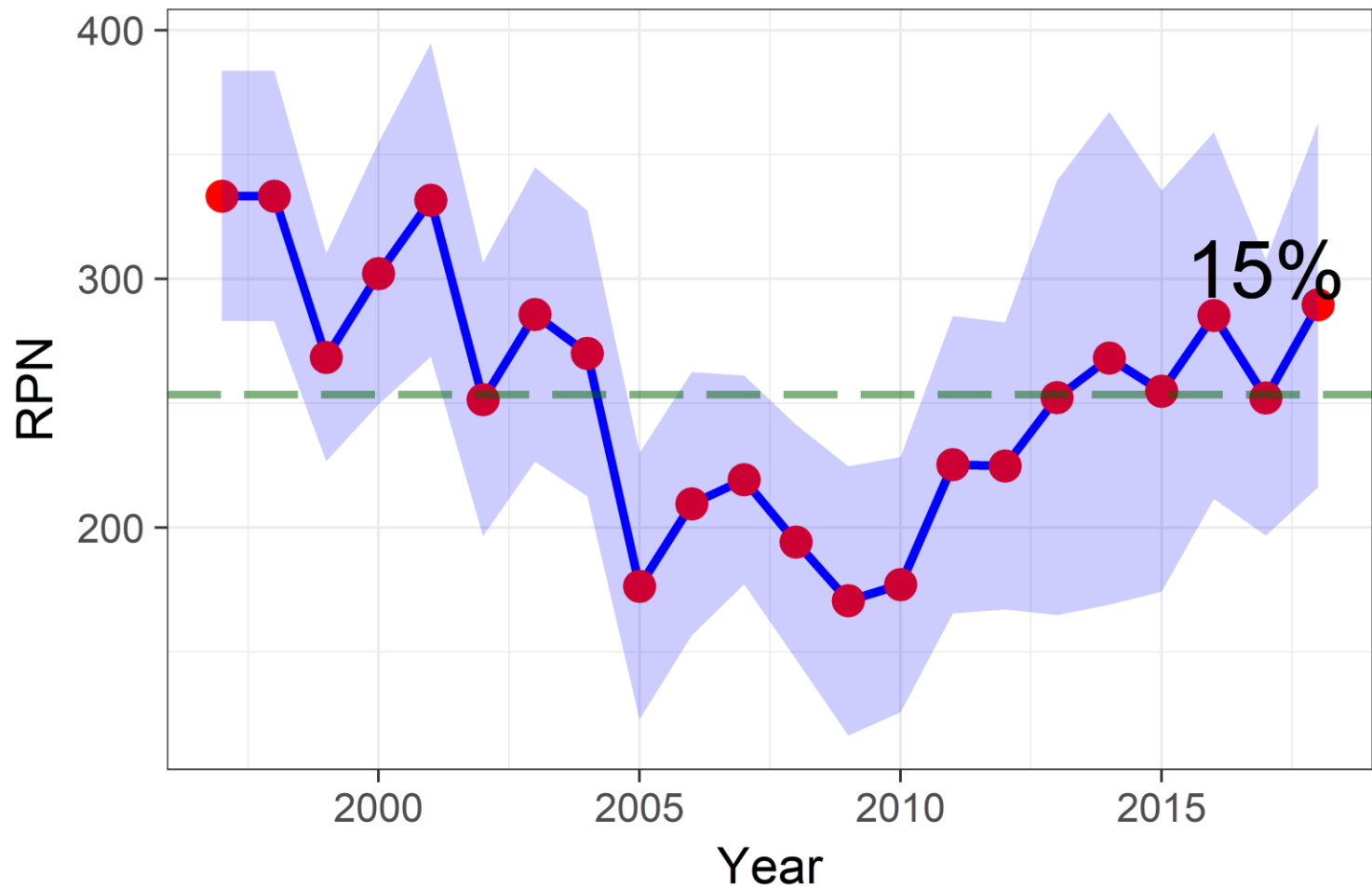
# Recent female sablefish length frequencies



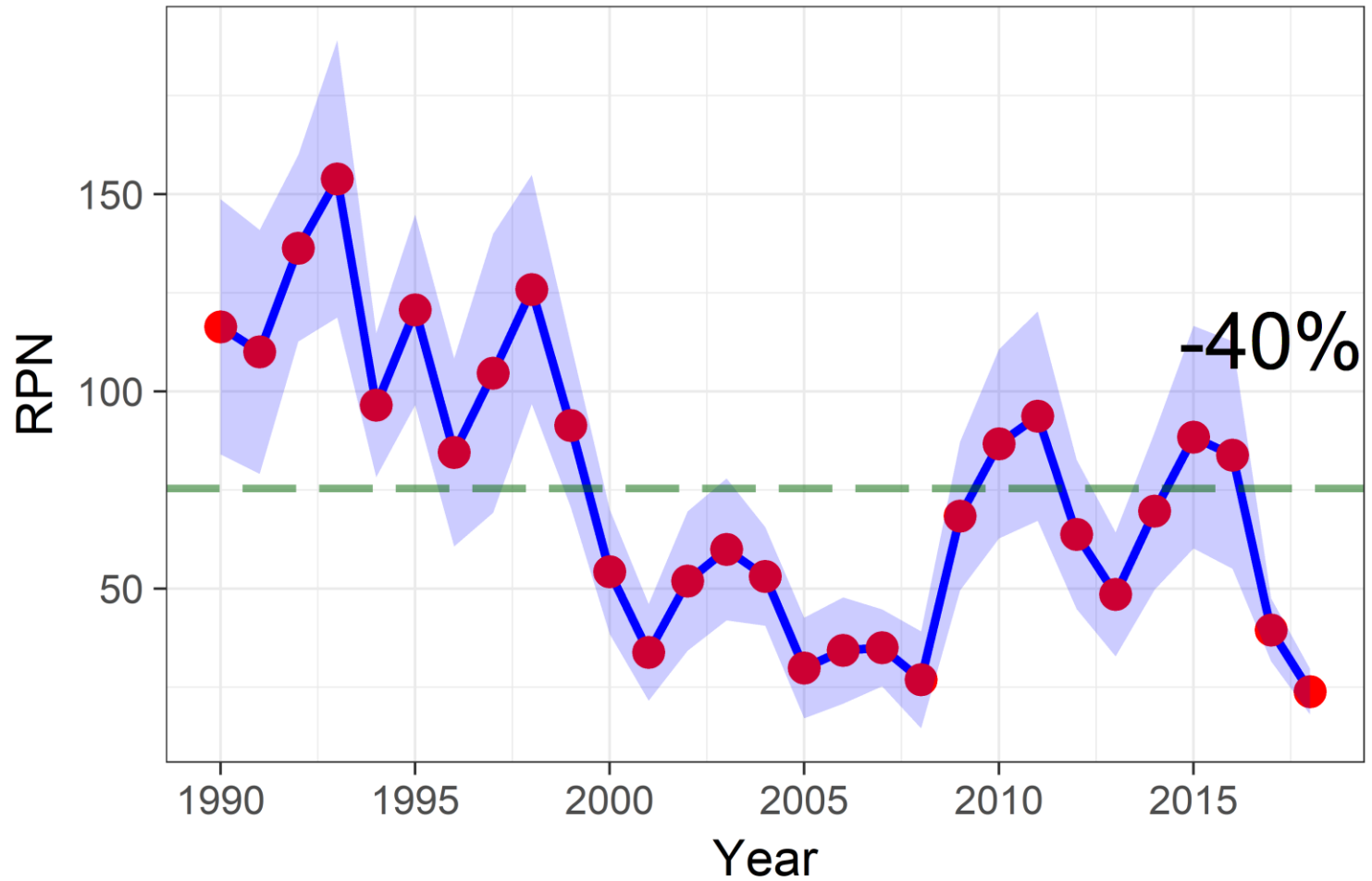
# Recent male sablefish length frequencies



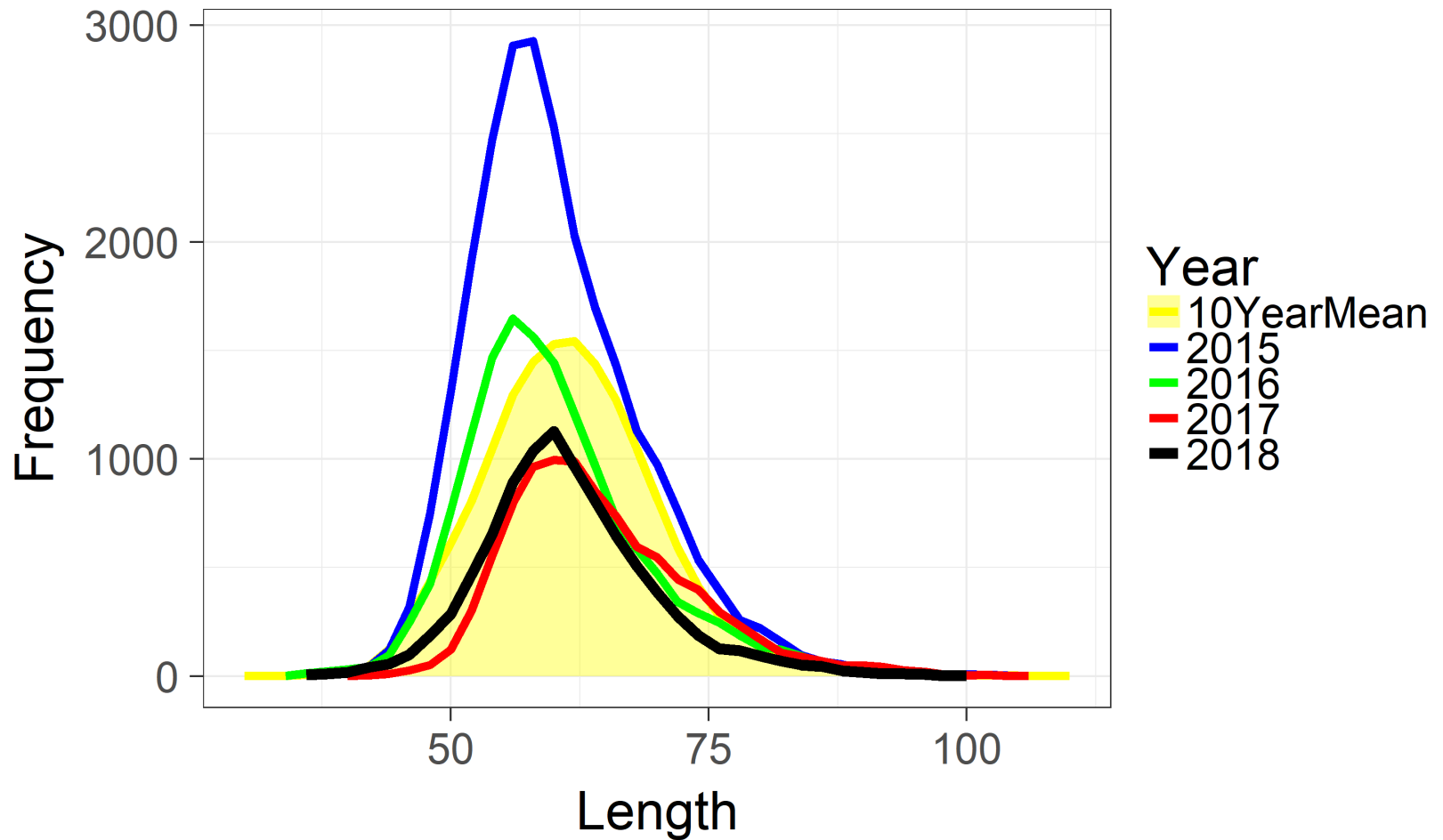
# BSAI Pacific cod longline survey RPNs



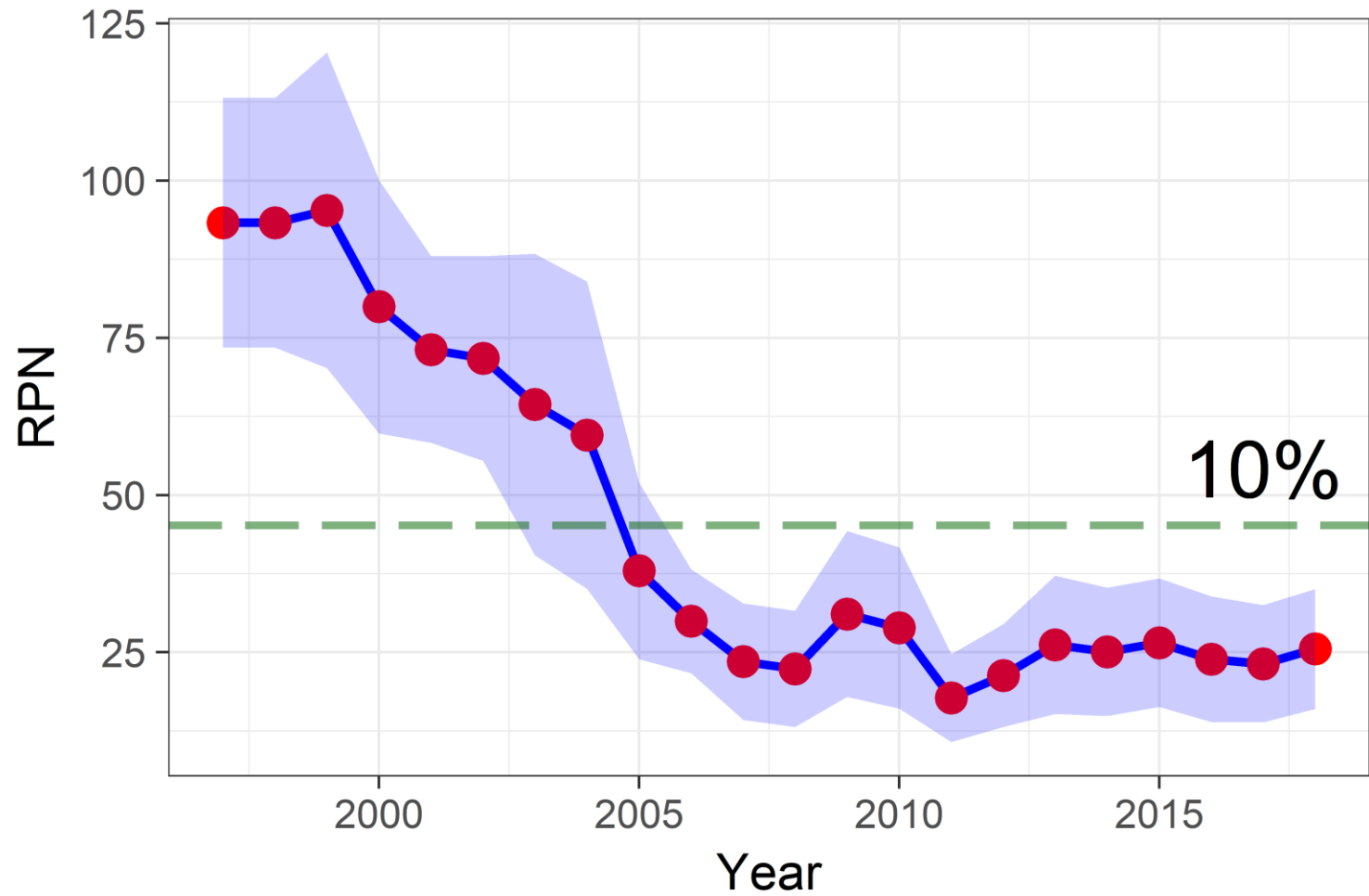
## GOA Pacific cod longline survey RPNs



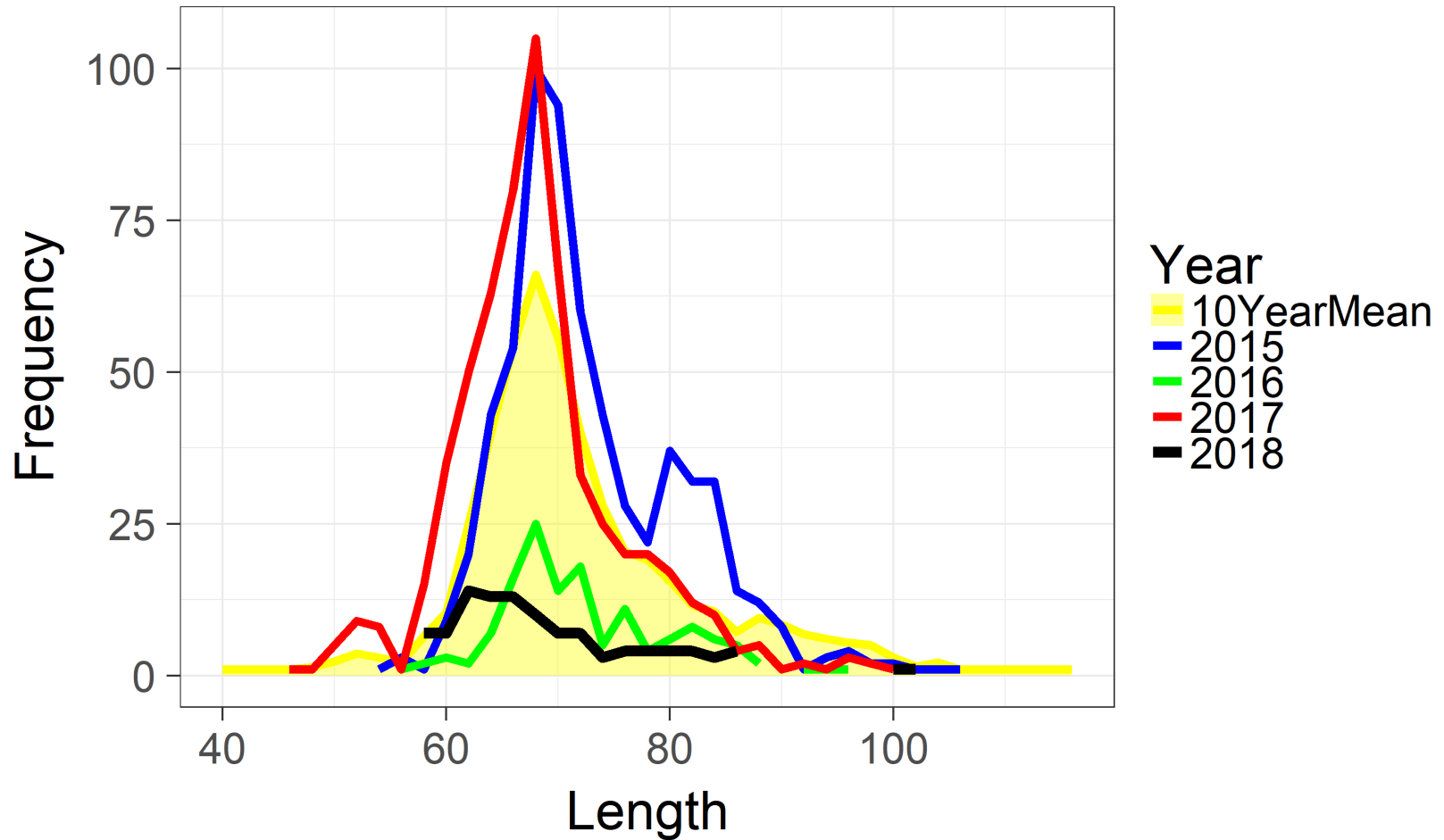
# Recent P. cod length frequencies



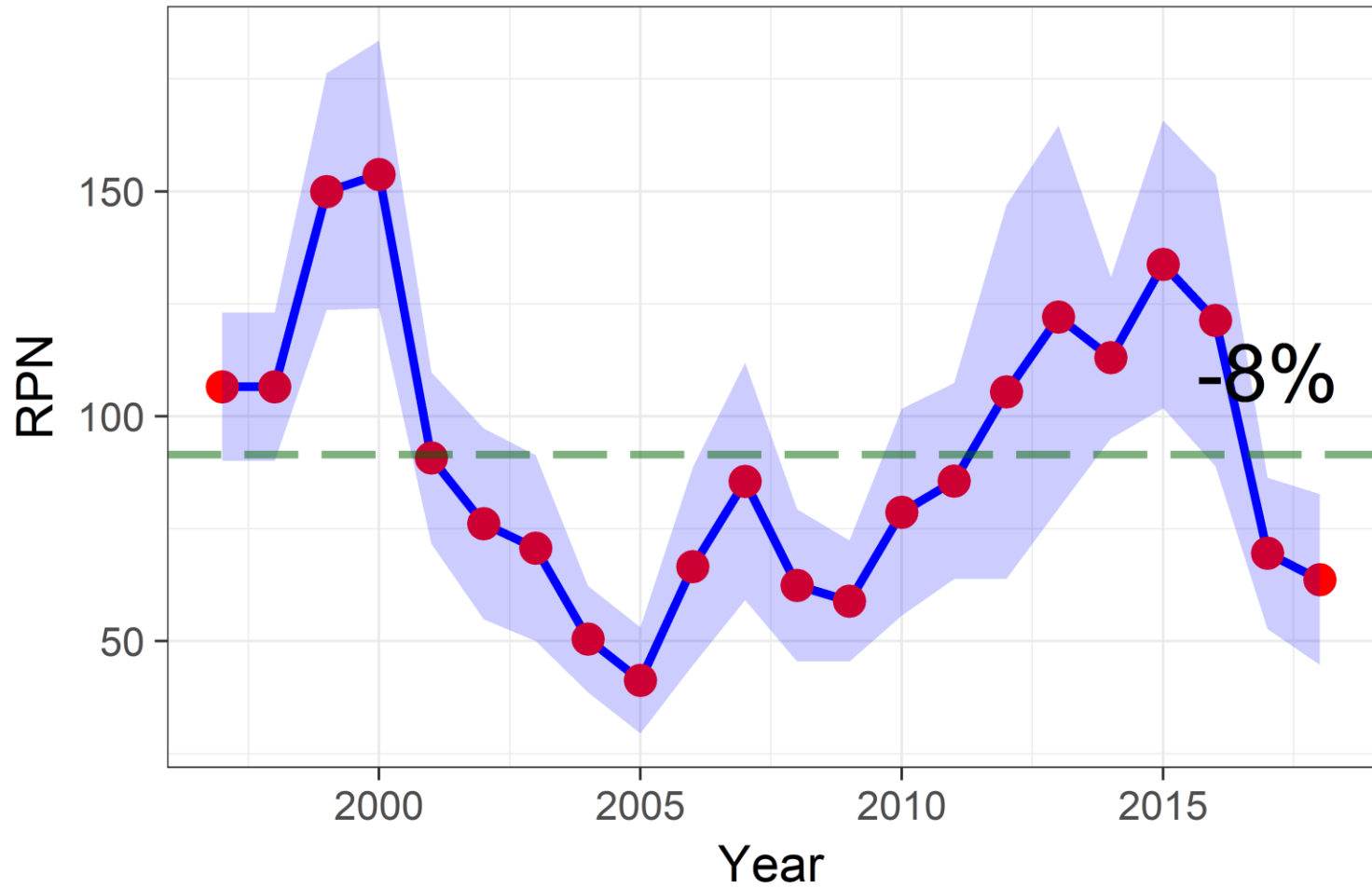
## Turbot longline survey RPNs



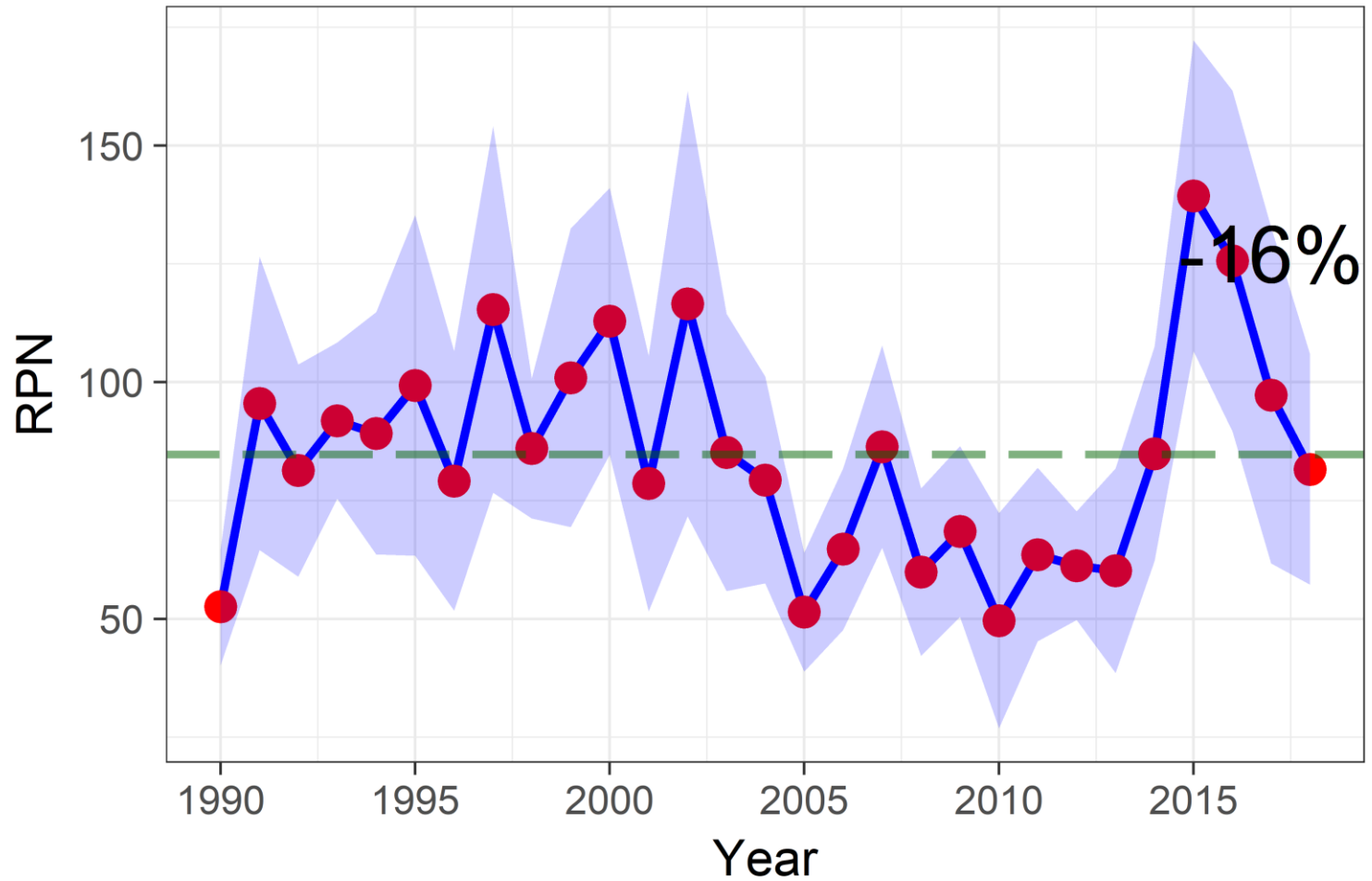
# Recent turbot length frequencies



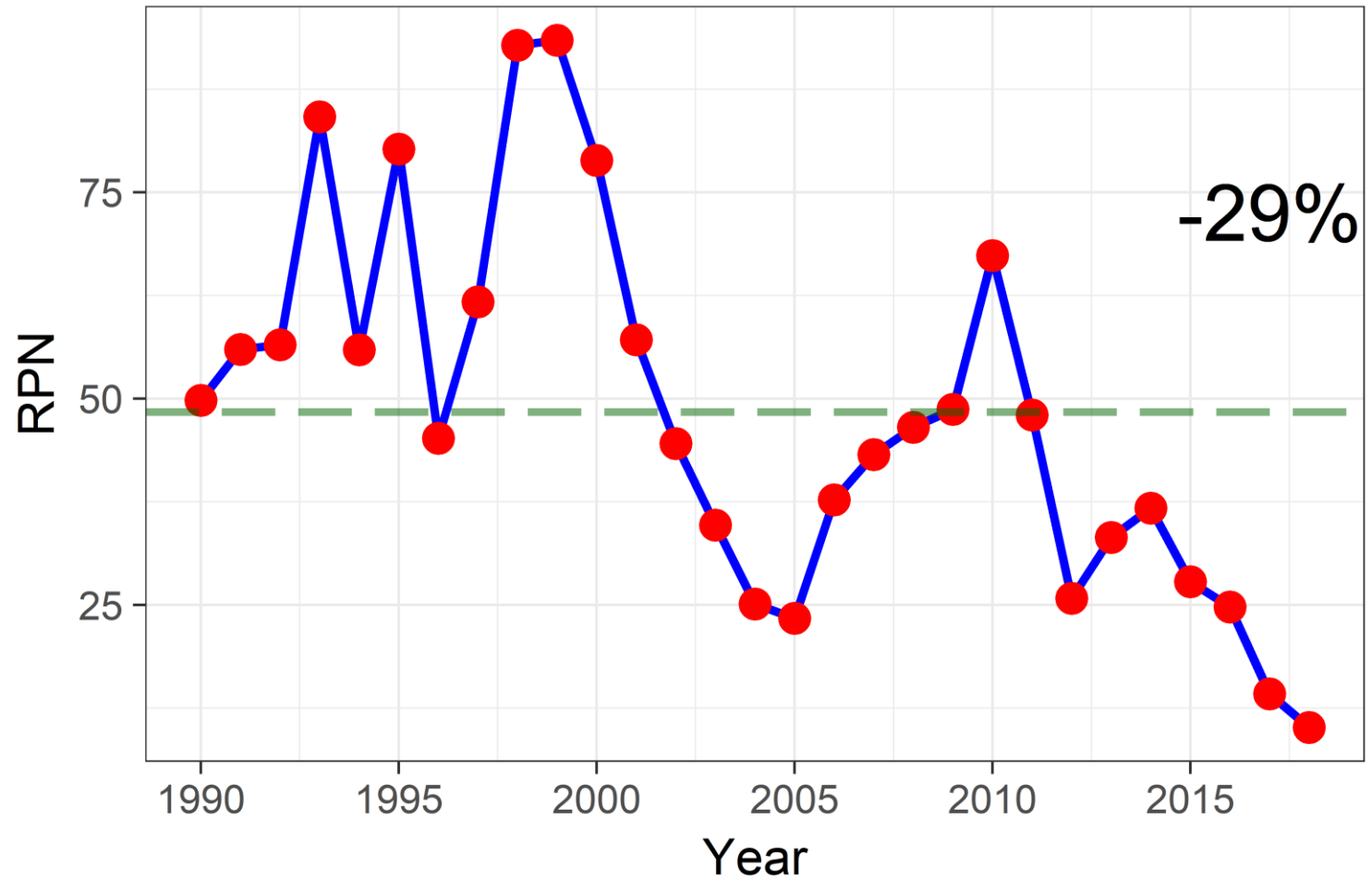
## BSAI Halibut longline survey RPNs



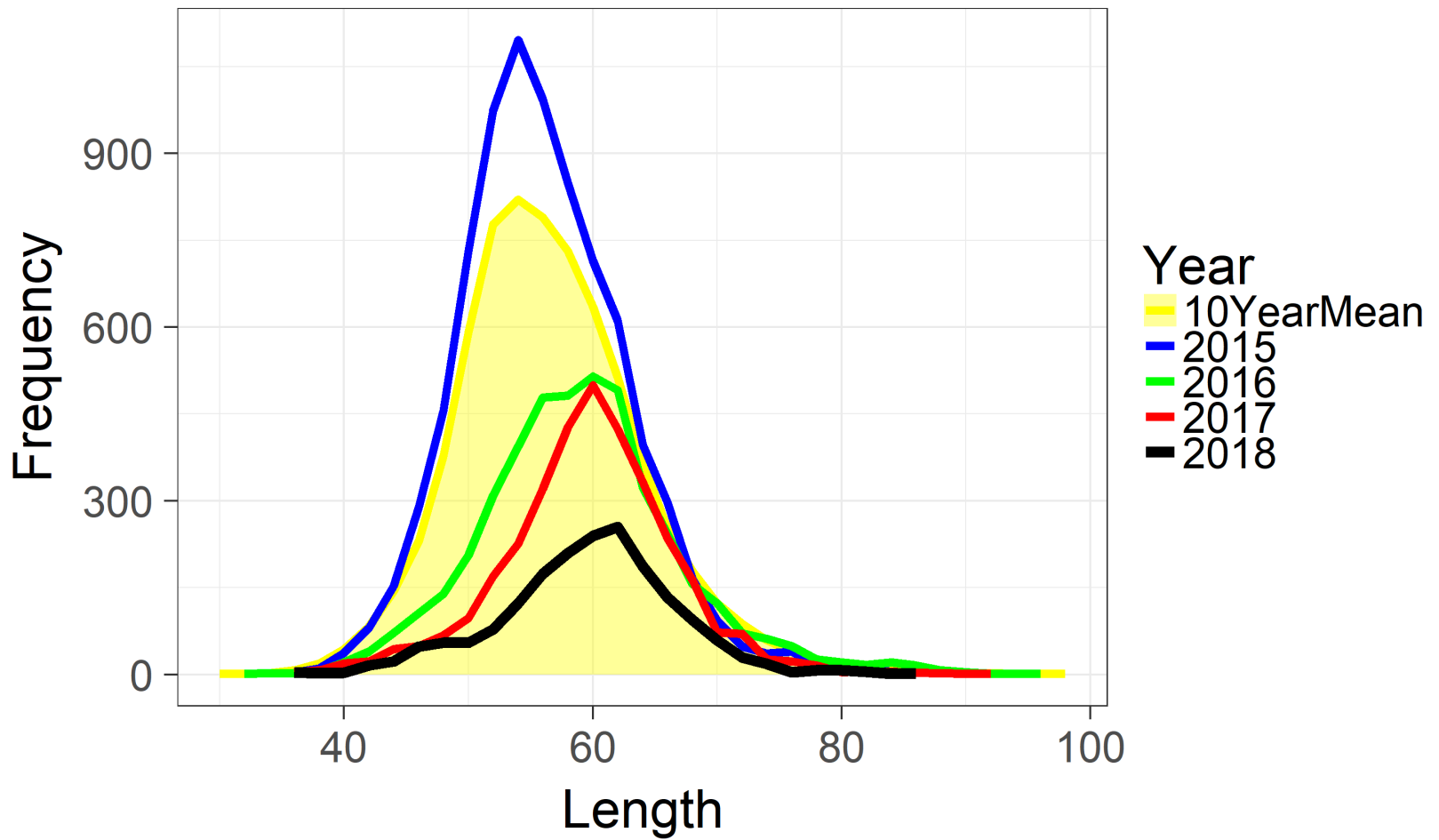
## GOA Halibut longline survey RPNs



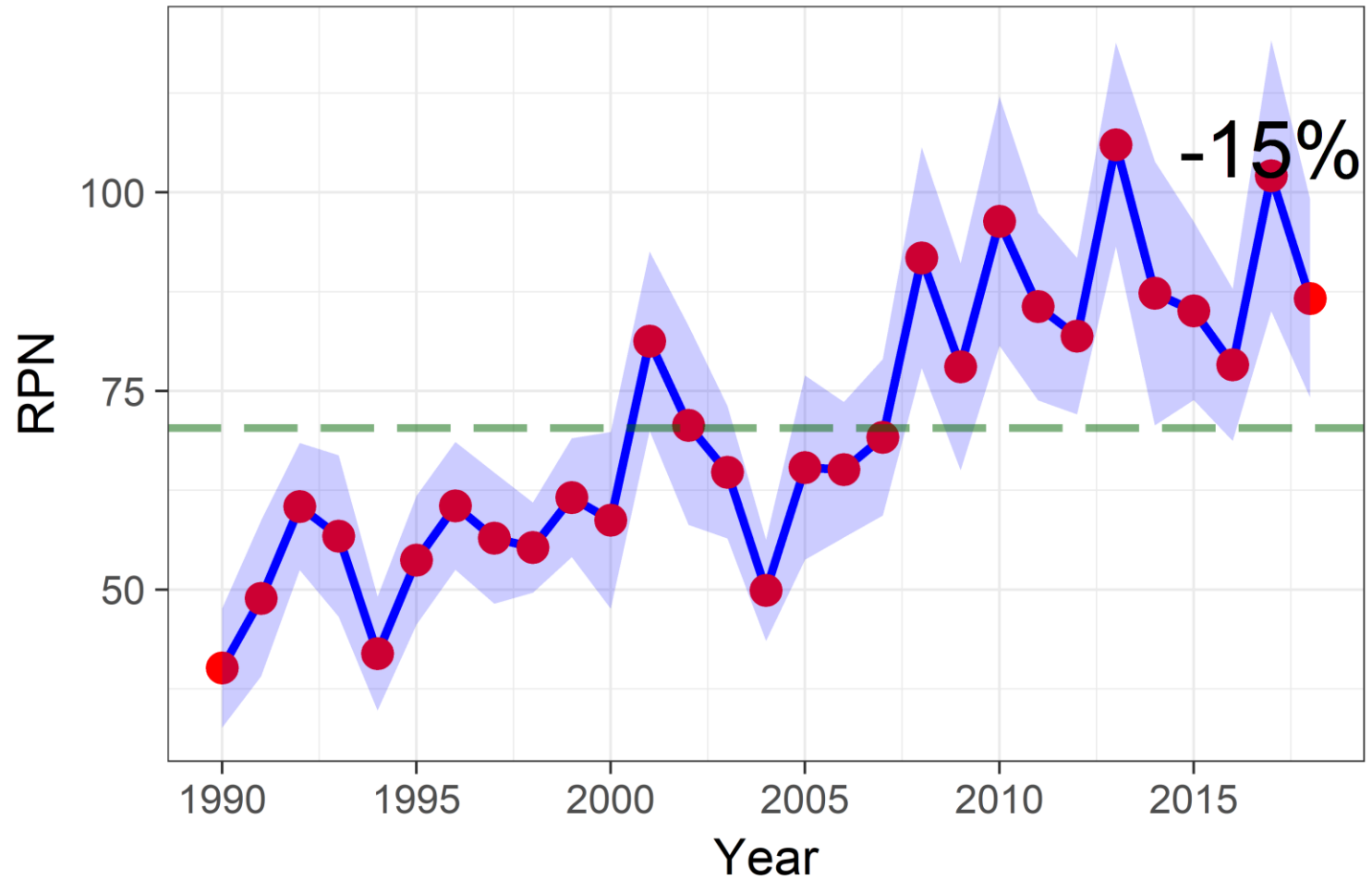
# GOA Arrowtooth longline survey RPNs



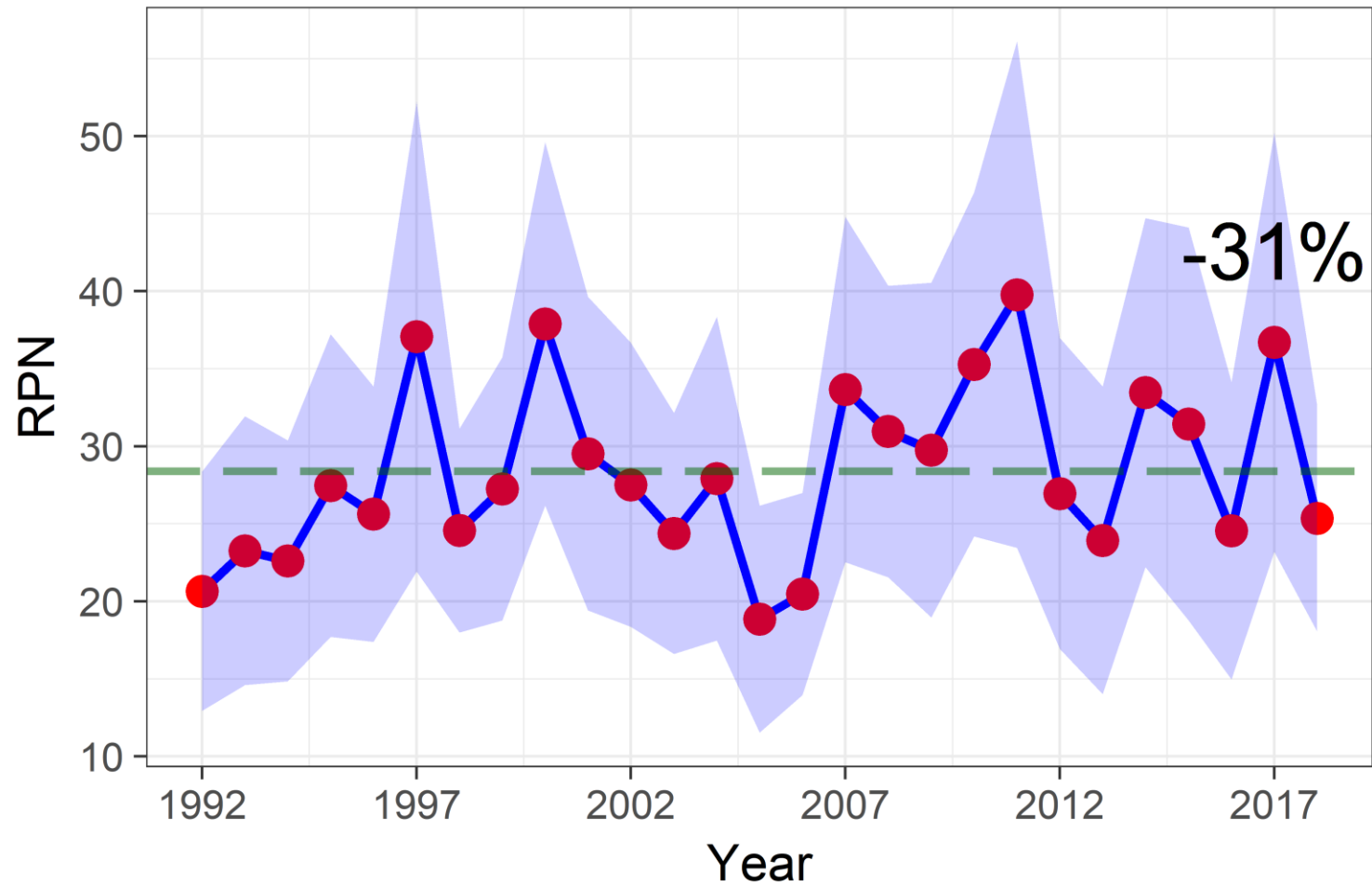
# Recent ATF length frequencies



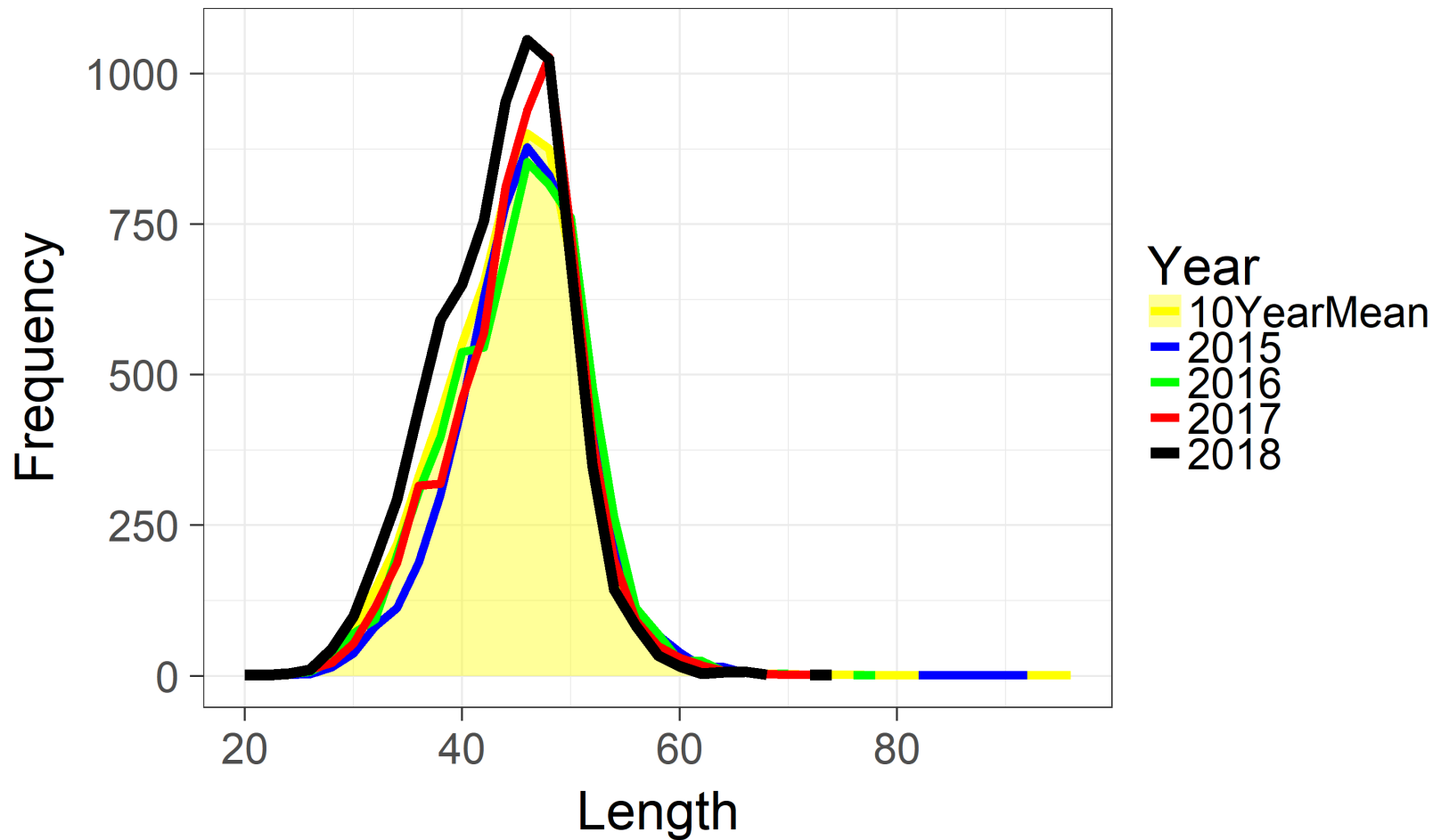
# GOA Thornyhead longline survey RPNs



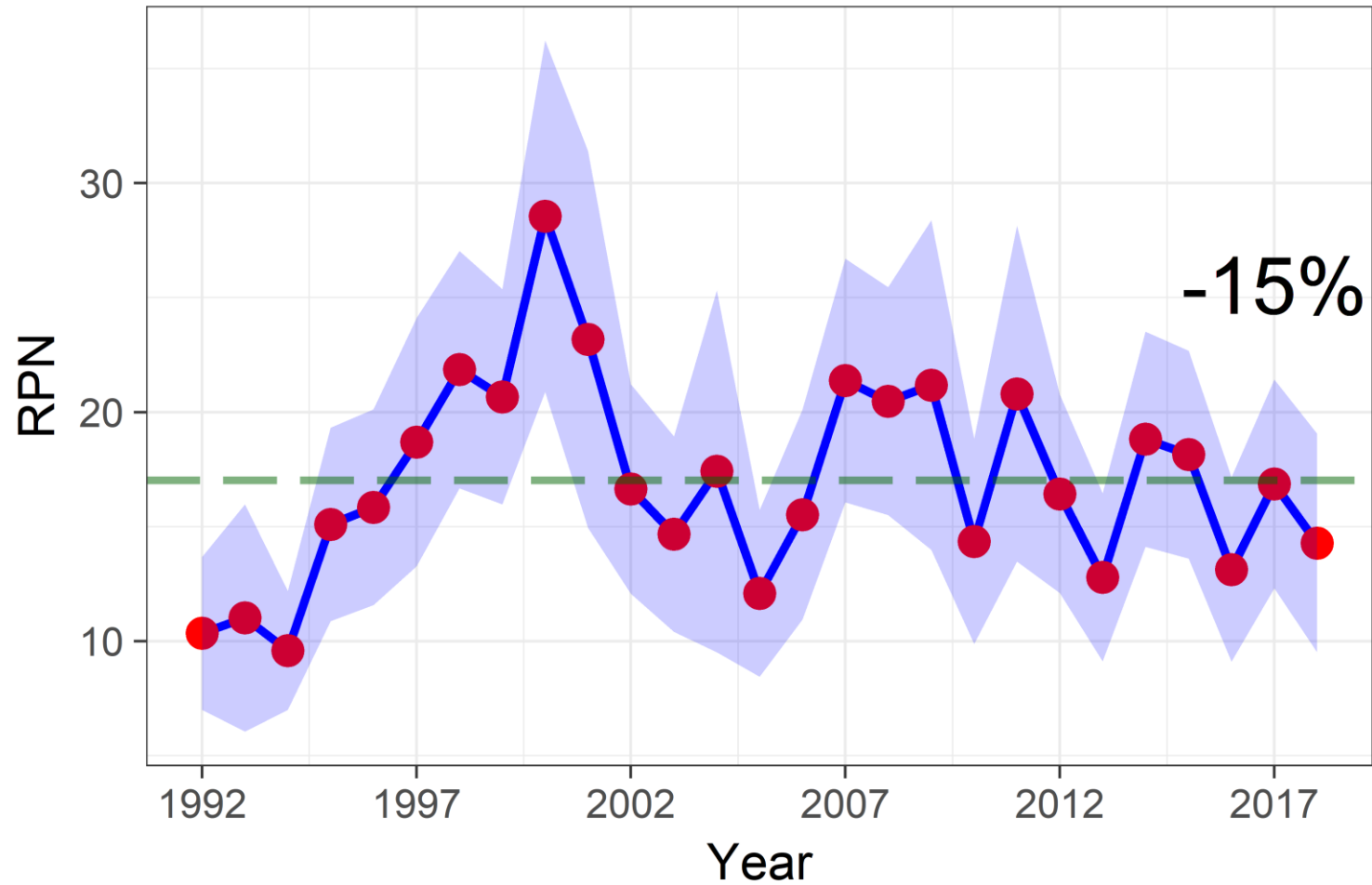
# GOA Rougheye longline survey RPNs



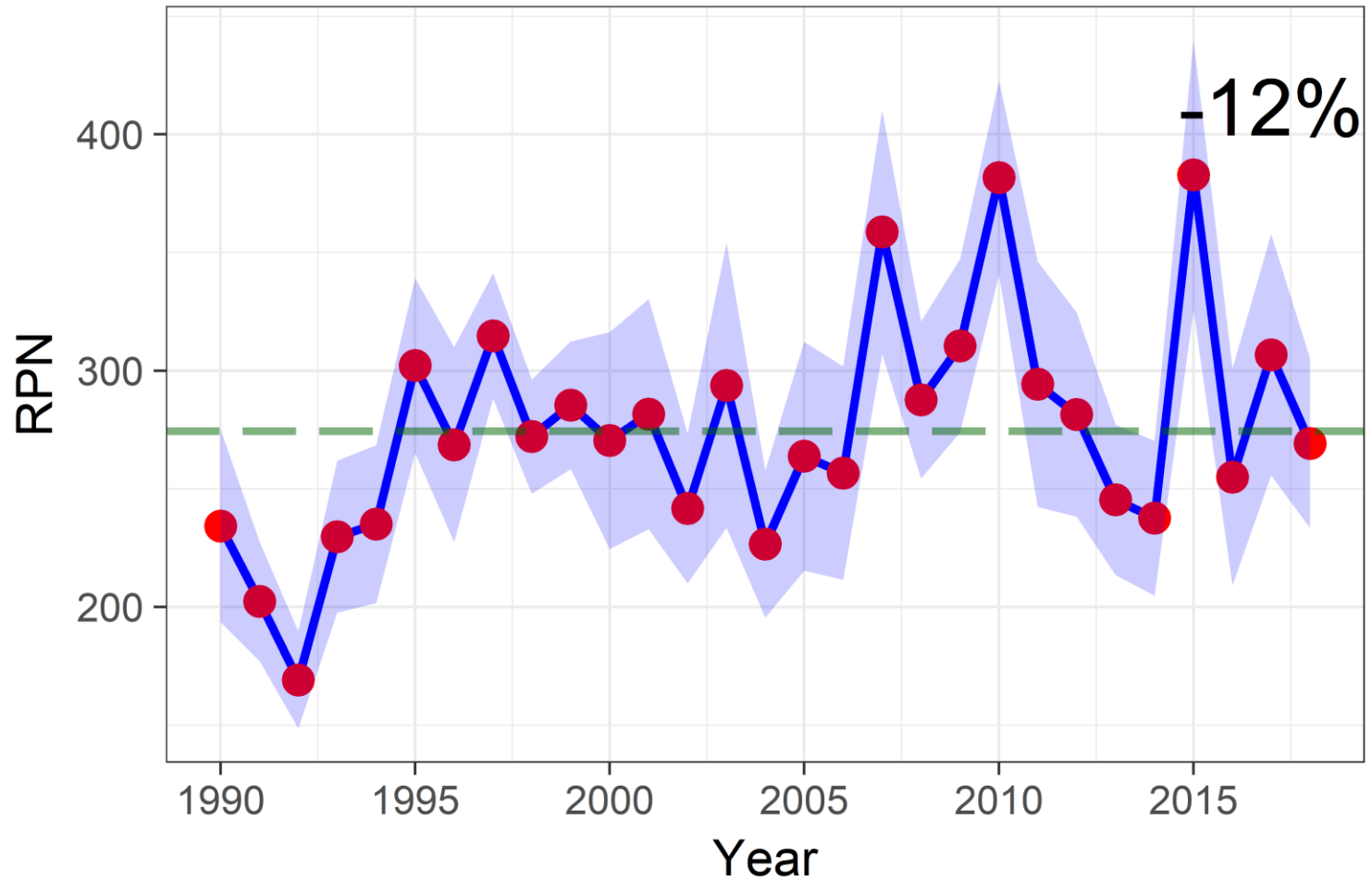
## Recent RE/BS length frequencies



# GOA Shortraker longline survey RPNs



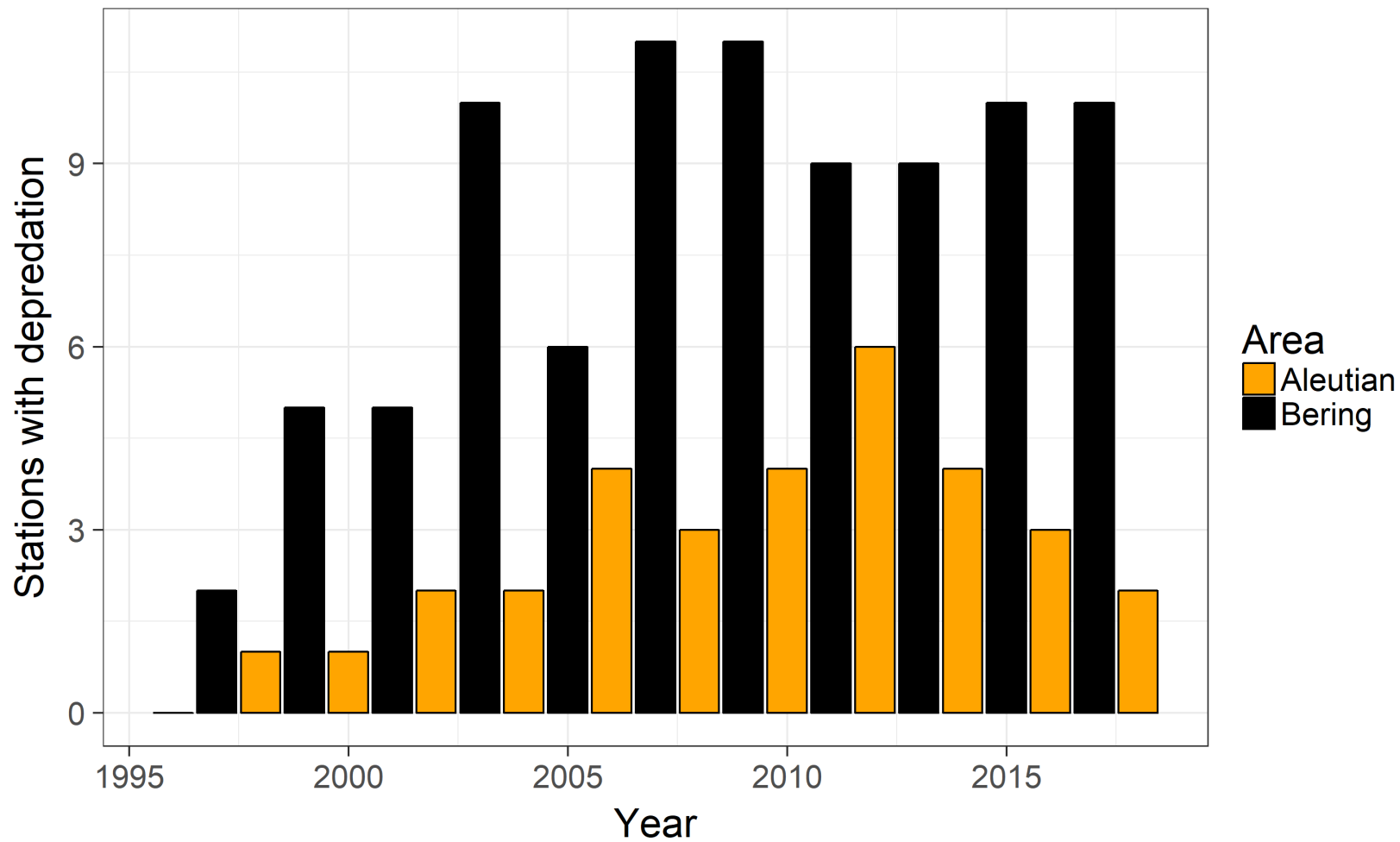
# GOA G.Grenadier longline survey RPNs



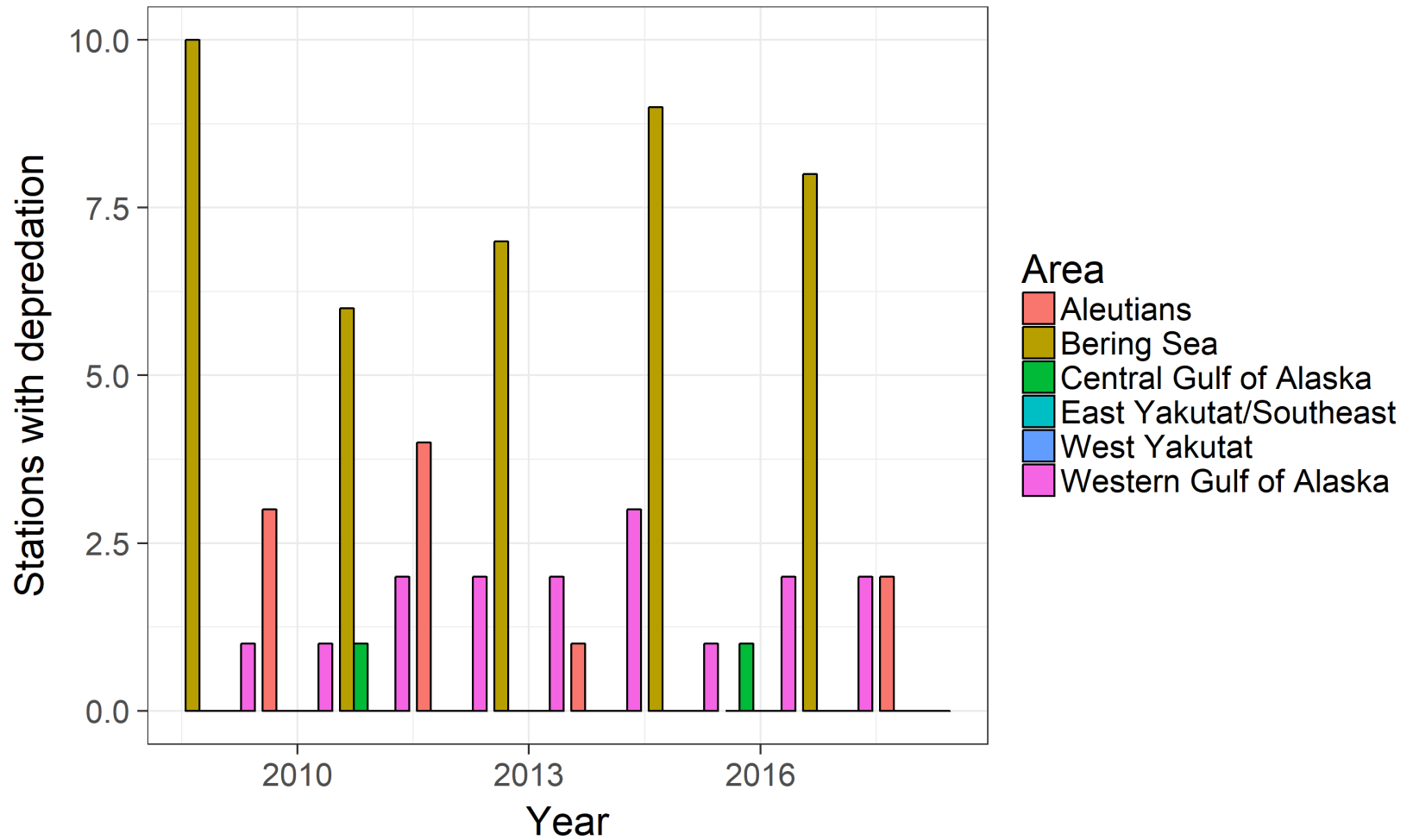
# Whale Depredation



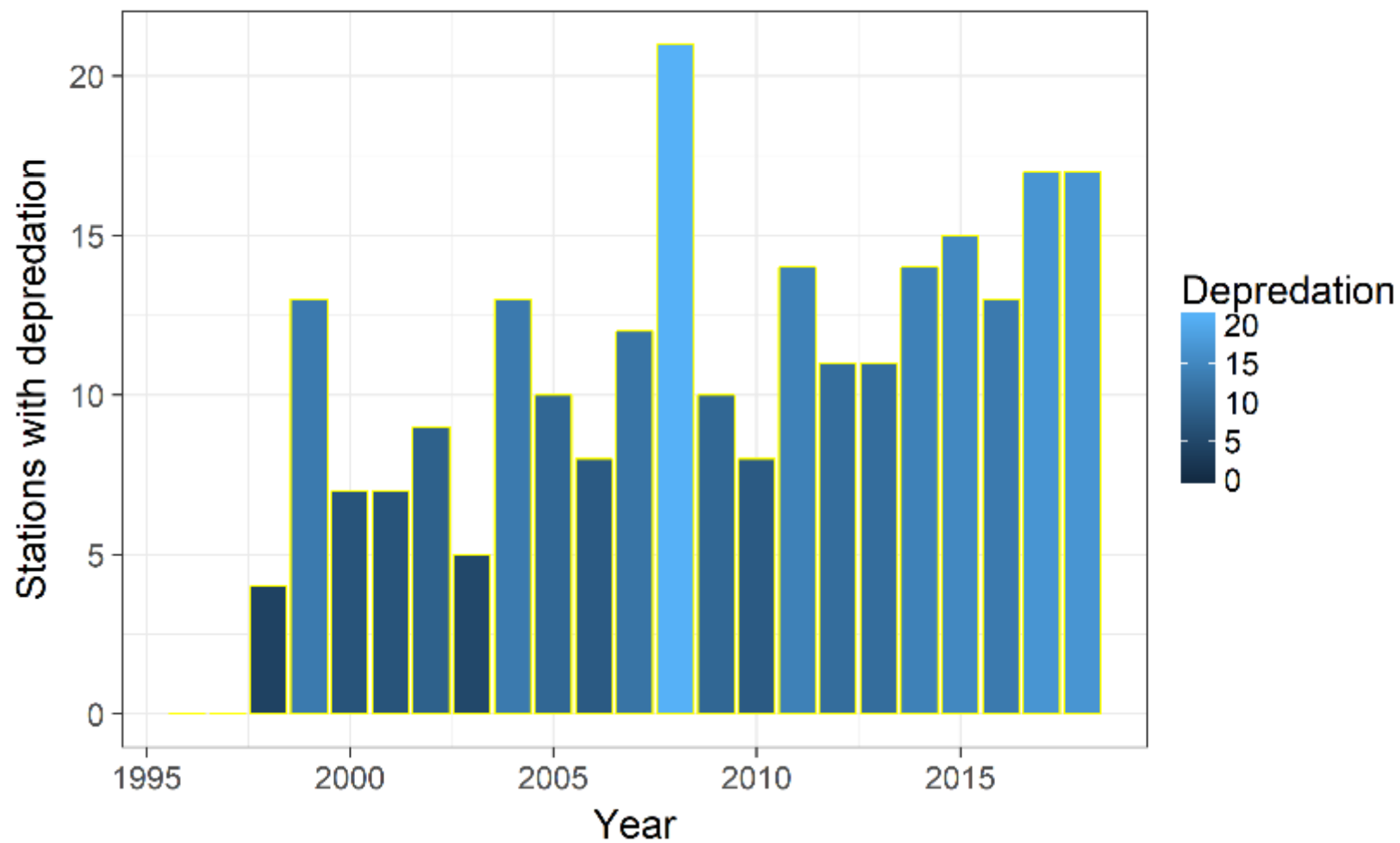
# Killer whale depredation



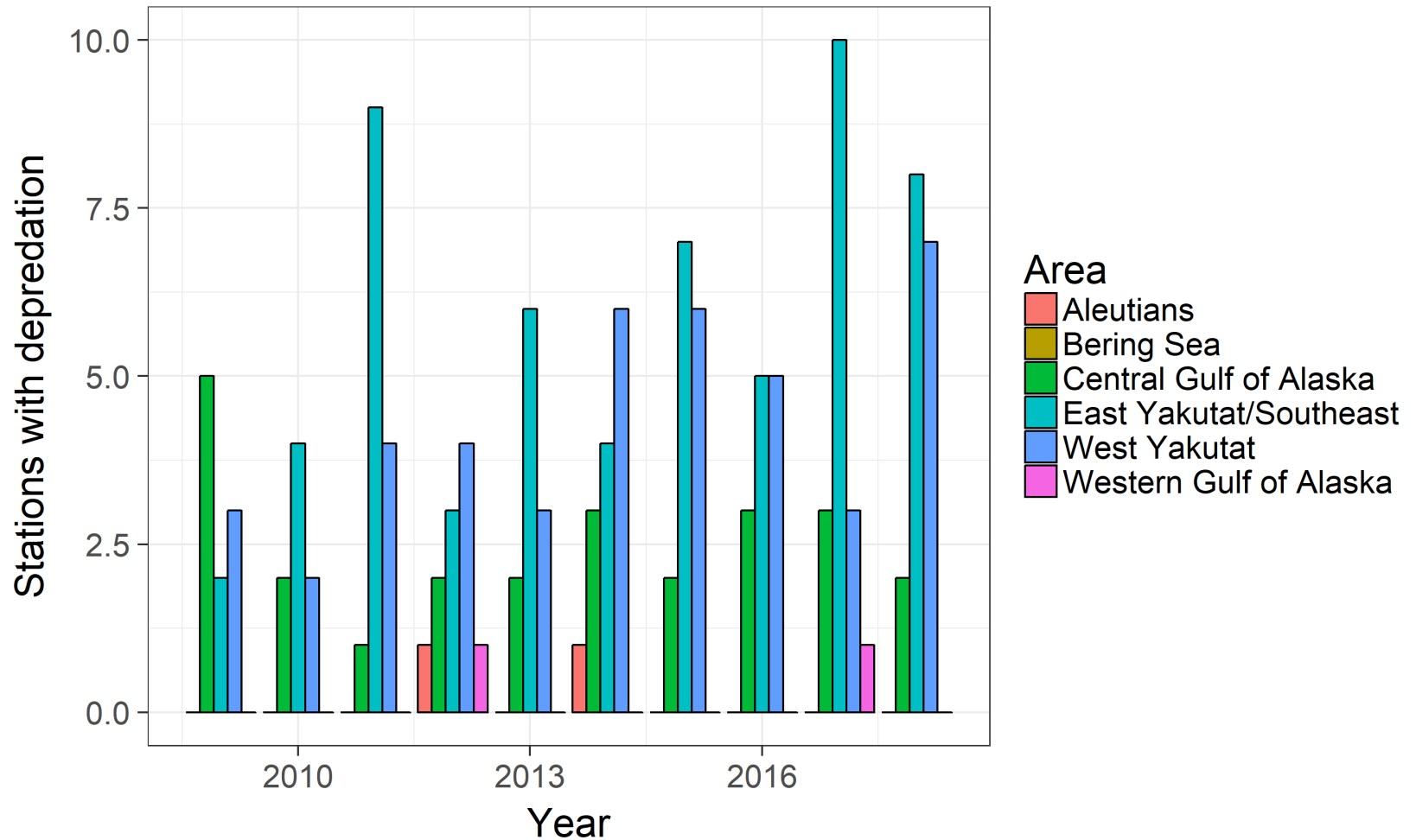
# Killer whale depredation



## Sperm whale depredation



# Sperm whale depredation



# 2018 Observations

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- Multiple year classes small fish
  - Small fish in western regions
- Vessel Interactions
  - Increases in West Yakutat and Central GOA
- RPN Flags
  - GOA Cod, GOA arrowtooth

# 2018 Pyrosome Update

## Researchers Investigate Explosion in the Number of Pyrosomes off Alaska

October 23, 2017

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