



INTERNATIONAL PACIFIC



HALIBUT COMMISSION

National Report United States of America

Agenda Item 12.2

IPHC-2020-AM096-NR02

Presentation elements:

- NOAA Office of Law Enforcement, Alaska Division
- United States Coast Guard 17th District
- Alaska Department of Fish and Game
Subsistence and Recreational harvest reports





NOAA
FISHERIES

Office of Law
Enforcement

Enforcement Report to the International Pacific Halibut Commission

Alaska Enforcement
Division
2019



Robert Marvelle
Supervisory Enforcement Officer



Compliance Assistance

Over 1321 Hours

- * Great Alaska Sportsman's Show in Anchorage, Alaska
- * State Fair in Haines, AK
- * Pacific Marine Expo in Seattle, WA
- * WhaleFest in Sitka, AK
- * Daily in ports, harbors, processors & at sea

NOAA FISHERIES

Office of Law Enforcement





**NOAA
FISHERIES**

**Office of Law
Enforcement**

Halibut Related Violations

	2017	2018	2019
Subsistence Halibut Fishing	26	58	29
Commercial Halibut Fishing	121	136	250(*111)
Charter Halibut Fishing	203	186	159
Sport Halibut Fishing	15	36	57
Commercial Groundfish involving Halibut	19	43	60 (*11)
TOTAL	384	451	555

* *Not all violations resulted in an enforcement penalty



NOAA
FISHERIES

Office of Law
Enforcement

Halibut Related Violations





**NOAA
FISHERIES**

**Office of Law
Enforcement**

Partnerships



Partnerships



NOAA
FISHERIES

Glacier Bay National Park Rangers, Alaska Wildlife Trooper,
NOAA OLE Officers.



U.S. Coast Guard 17th District Enforcement Report Anchorage, Ak



**LT Ben Hinchman
Response & Enforcement Division**



Operation Alaskan Sentinel 2018 and 2019 Boardings by IPHC Area

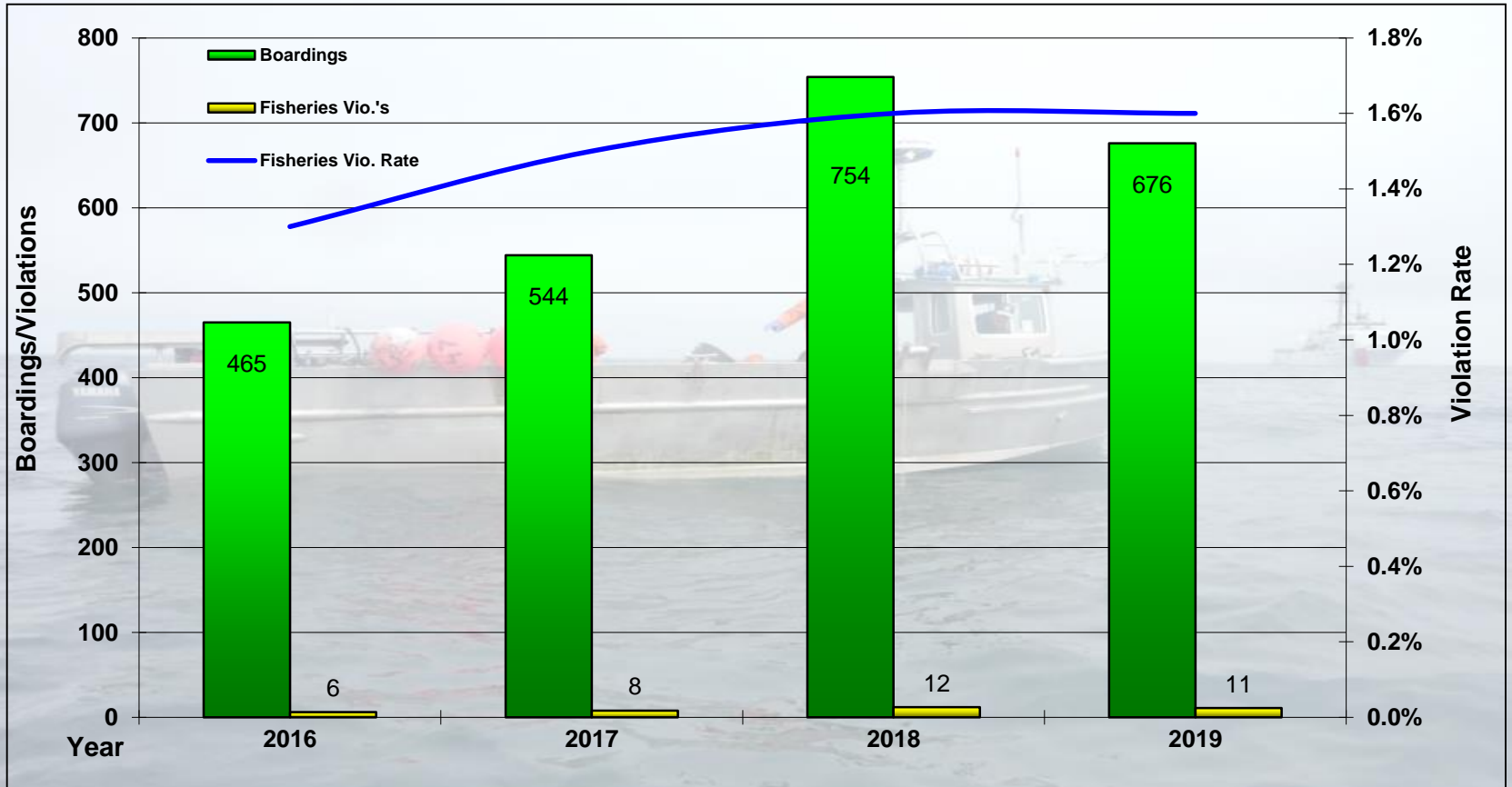
IPHC Area	2018 Boardings	2019 Boardings
2C	395	426
3A	327	225
3B	15	5
4A	11	17
4B	1	3
4C	0	0
4D	6	0
4E	0	0



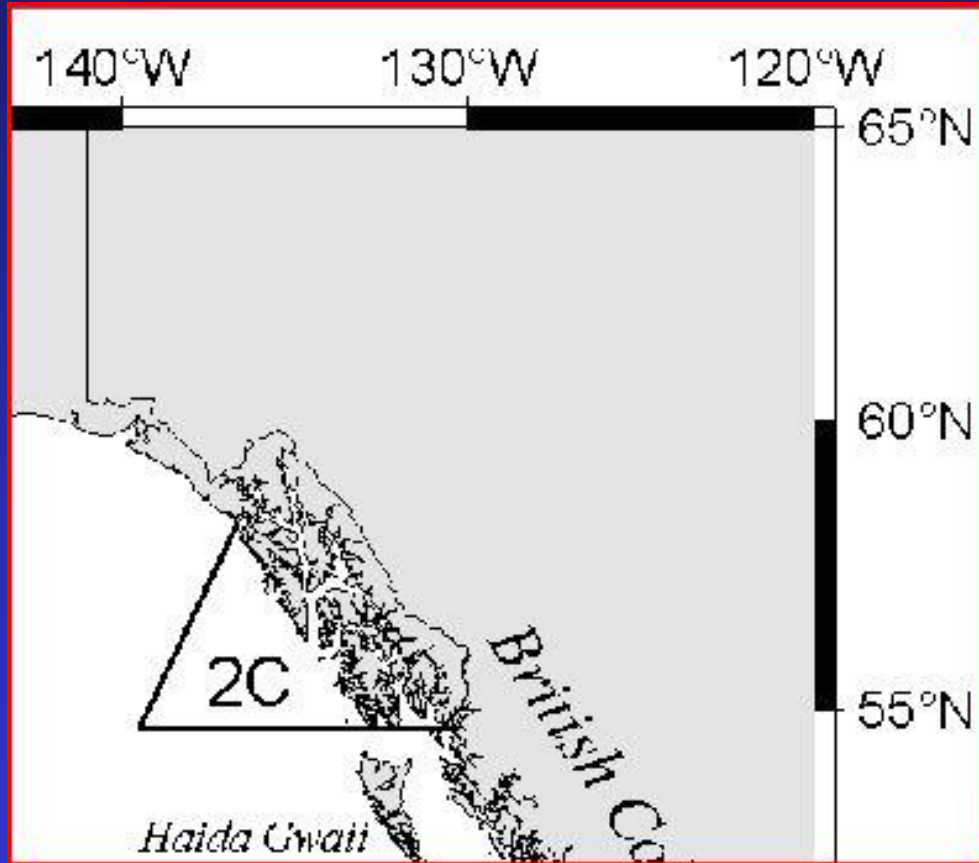
Boarding and Violation Summaries by Industry Sector

2018 Boardings/Violations		2019 Boardings/Violations	
Total At-Sea Boardings	754	Total At-Sea Boardings	676
Commercial	167	Commercial	167
Charter	104	Charter	177
Recreational/Subsistence	483	Recreational/Subsistence	332
Fisheries Violations	12	Fisheries Violations	11
Commercial	5	Commercial	7
Charter	3	Charter	1
Recreational/Subsistence	4	Recreational/Subsistence	3
Fisheries Compliance Rates	98.4%	Fisheries Compliance Rates	98.3%
Commercial	97.1%	Commercial	95.8%
Charter	97.1%	Charter	99.4%
Recreational/Subsistence	99.2%	Recreational/Subsistence	99.1%

Boarding Statistics



IPHC Area 2C



429 Boardings

– 64 IFQ

- 1 violation

– 141 Charter

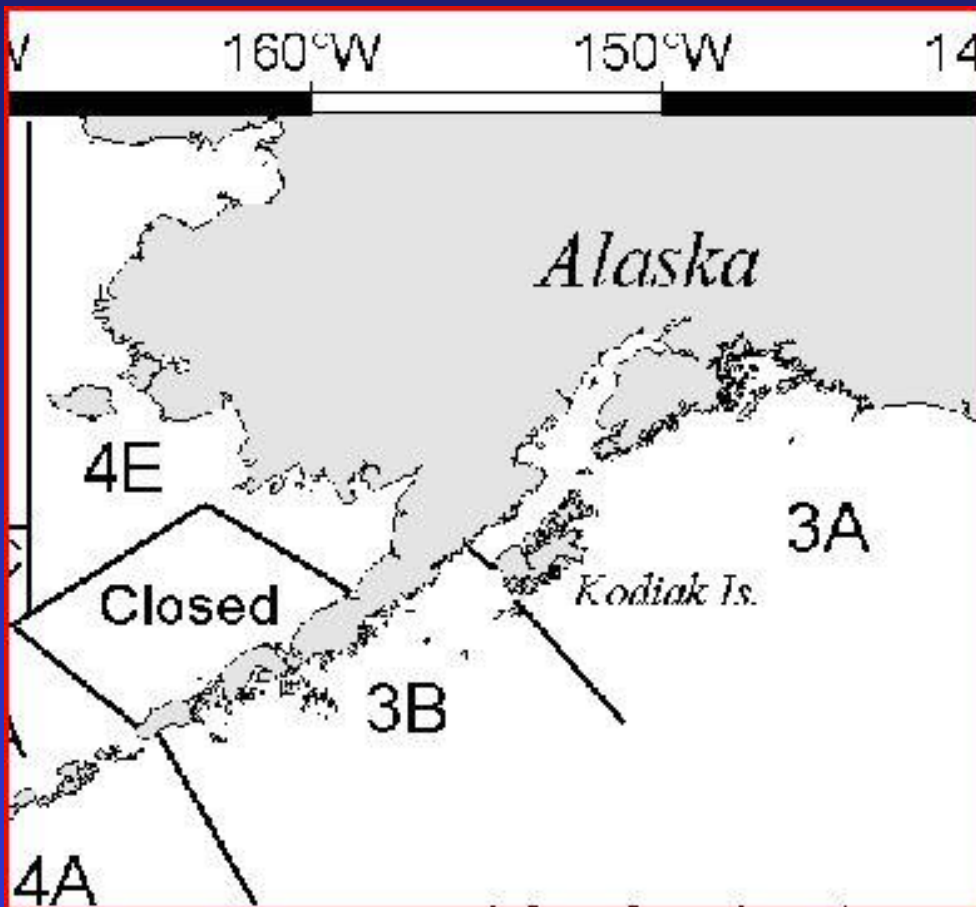
- 0 violations

- 224 Recreational/
Subsistence

- 0 violation



IPHC Areas 3A/3B

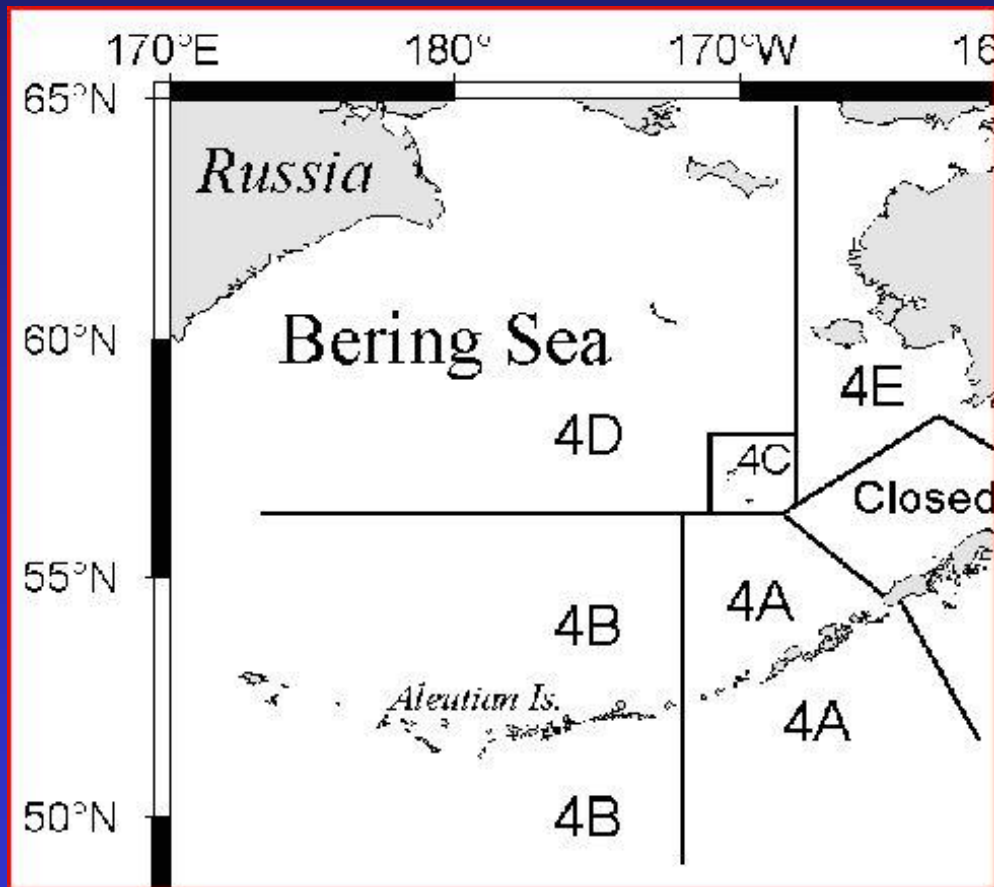


230 Boardings

- 83 IFQ
 - 4 violation
- 36 Charter
 - 1 violation
- 111 Recreational/
Subsistence
 - 3 violations



IPHC Areas 4A, B, C, D, & E



20 Boardings

- 20 IFQ/CDQ
 - 2 violations
- 0 Charter
- 0 Recreational/
Subsistence



Fisheries Violations in All Industry Sectors

2019	
Mutilation of catch.....	1
Not filling out harvest ticket.....	1
Permit not available for inspection.....	6
No pilot ladder	1
Fishing without license.....	1
Retaining over legal limit.....	1
Total.....	11



LT Ben Hinchman
Response & Enforcement Division

Alaska Subsistence and Recreational Halibut Fisheries



**For the International Pacific Halibut Commission
2020 Annual Meeting**

James Fall and Sarah Webster
Alaska Department of Fish and Game

Overview

- ▶ Alaska subsistence fishery review through 2018
 - ▶ Jim Fall – Division of Subsistence
- ▶ Alaska recreational fishery review through 2019
 - ▶ Sarah Webster – Division of Sport Fish





Subsistence Harvests of Pacific Halibut in Alaska, 2018

**Division of Subsistence
Alaska Department of Fish and Game**

**National Marine Fisheries Service Grant
No. NA18NMF4370086**

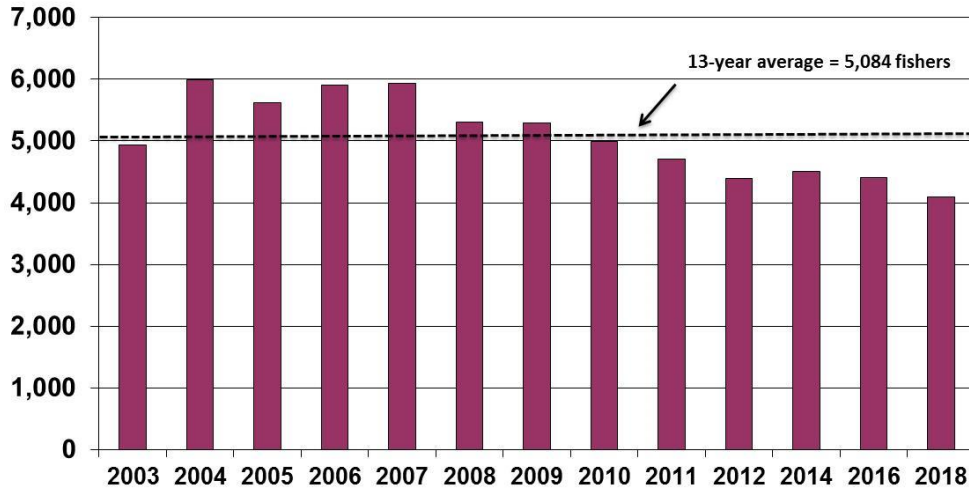
**Presentation to the
International Pacific Halibut Commission**

**Anchorage, Alaska
February 2020**

Project Background & Methods

- New subsistence regulations in effect May 2003
- 118 communities and 123 tribes eligible
- Registration requirement (SHARC)
- 2018 = **13th year of the harvest assessment program**
- No estimates for 2013, 2015, 2017, or 2019
- If funding available, could continue for 2020
- Mailed survey is primary data collection method; response voluntary
- Mailed to all SHARC holders; 3 mailings
- Supplemented by interviews in 4 communities
- Response = 5,852 of 8,576 potential fishers = **68% response rate**

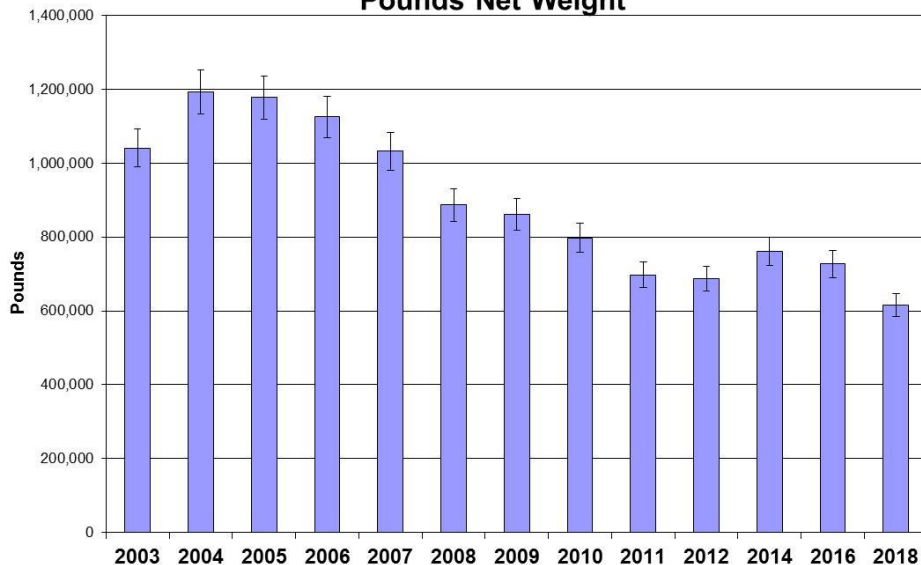
Estimated Number of Individuals Subsistence Fishing for Halibut in Alaska



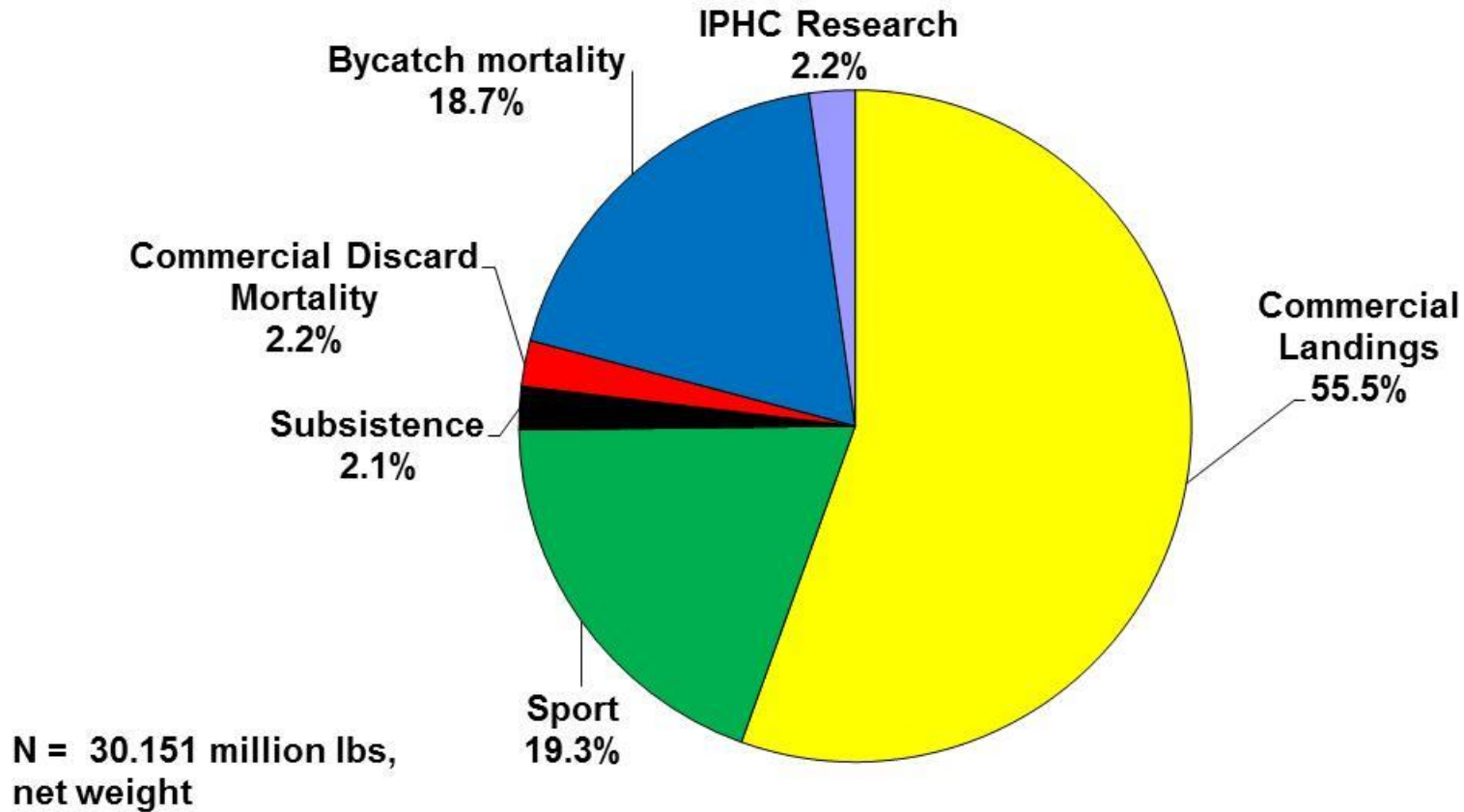
Study Findings: Halibut 2018

- Estimated number of subsistence fishers = **4,094**
- Estimated subsistence harvest = **29,963 halibut**
- Estimated subsistence harvest = **615,789 lbs net weight**
- **59% of harvest occurred in Area 2C, 30% in 3A, & 4% in 4E**

Estimated Subsistence Harvests of Halibut in Alaska, in Pounds Net Weight

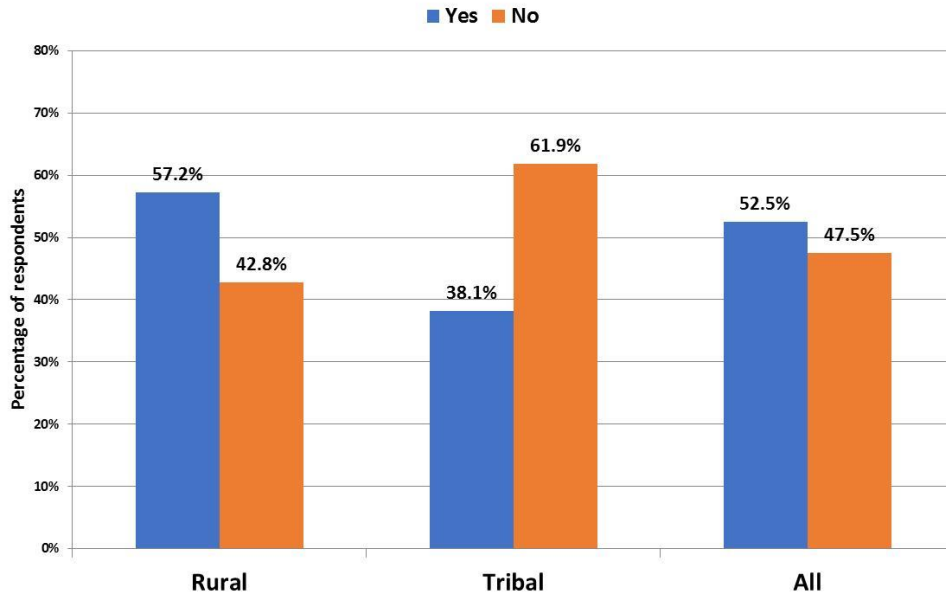


Halibut Removals, Alaska, 2018

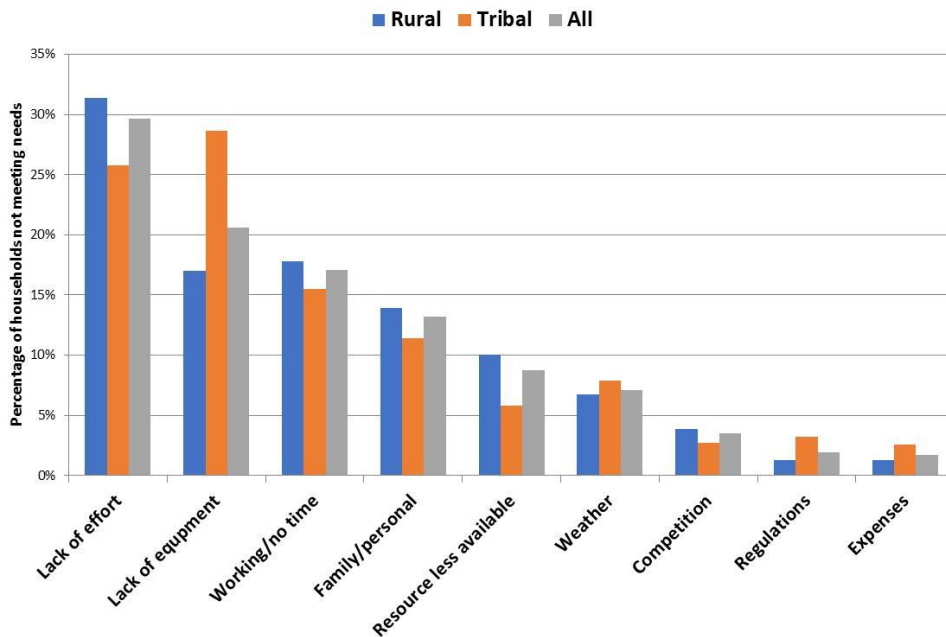


- Subsistence harvests by area ranged from 5.8% in Area 2C to 0.5% in Area 3B

Responses to question "did your household get all of the halibut it needed in 2018?" by SHARC type



Reasons for not meeting needs for halibut



New survey questions for 2018:
“Did your household get all the halibut it needed in 2018?”
and
“If not, why not?”

Conclusions: Harvest Survey, 2018

- Overall, 2018 harvest survey was a success: good response rates and overall reliable harvest estimates
- Reasons for trends in harvests and needs assessments are complex and require further investigation
- Concerns about nonrenewal of SHARCs, especially in certain regulatory areas
- Recommendation to continue harvest monitoring

For the full study findings, see:

Fall, James A. and David Koster. 2020. Subsistence Harvests of Pacific Halibut in Alaska, 2018. Alaska Department of Fish and Game, Division of Subsistence Technical Paper No. 456. Anchorage.

Alaska Recreational Halibut Fisheries



**For the International Pacific Halibut Commission
2020 Annual Meeting**

Sarah Webster
Alaska Department of Fish and Game – Division of Sport Fish

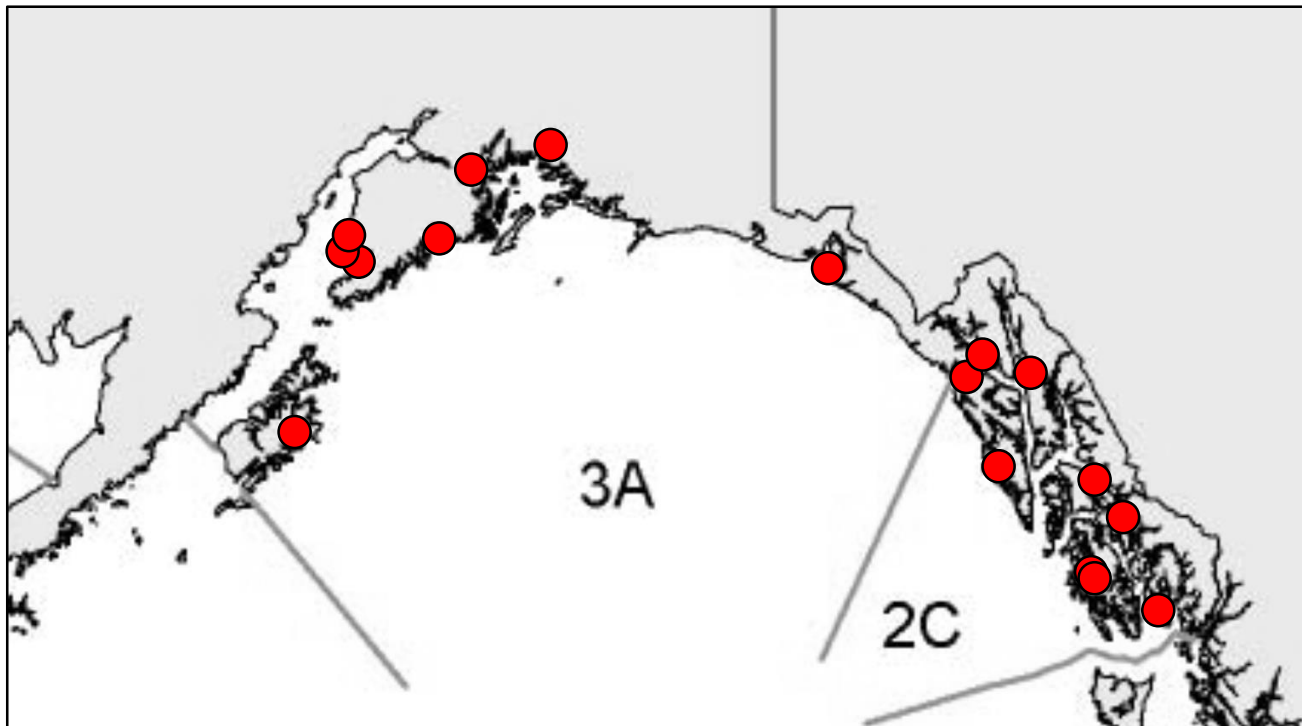
What estimates does ADF&G provide to IPHC?

- ▶ Numbers of halibut harvested & released
- ▶ Average weight of harvest
- ▶ Yield and release mortality in pounds
- ▶ Harvest prior to the IPHC survey in 2C, 3A
- ▶ Length, age, and sex composition (on request)



Data Sources

- ▶ Charter logbook (statewide, mandatory)
- ▶ Statewide harvest survey (mail)
- ▶ Creel surveys at major ports in 2C, 3A



Charter Information (2018)

▶ Businesses that harvested halibut

Area Fished	No. Businesses
2C	237
3A	222
2C and 3A	7
3B	4
3A and 3B	2
4A	2

▶ Charter vessels that harvested halibut

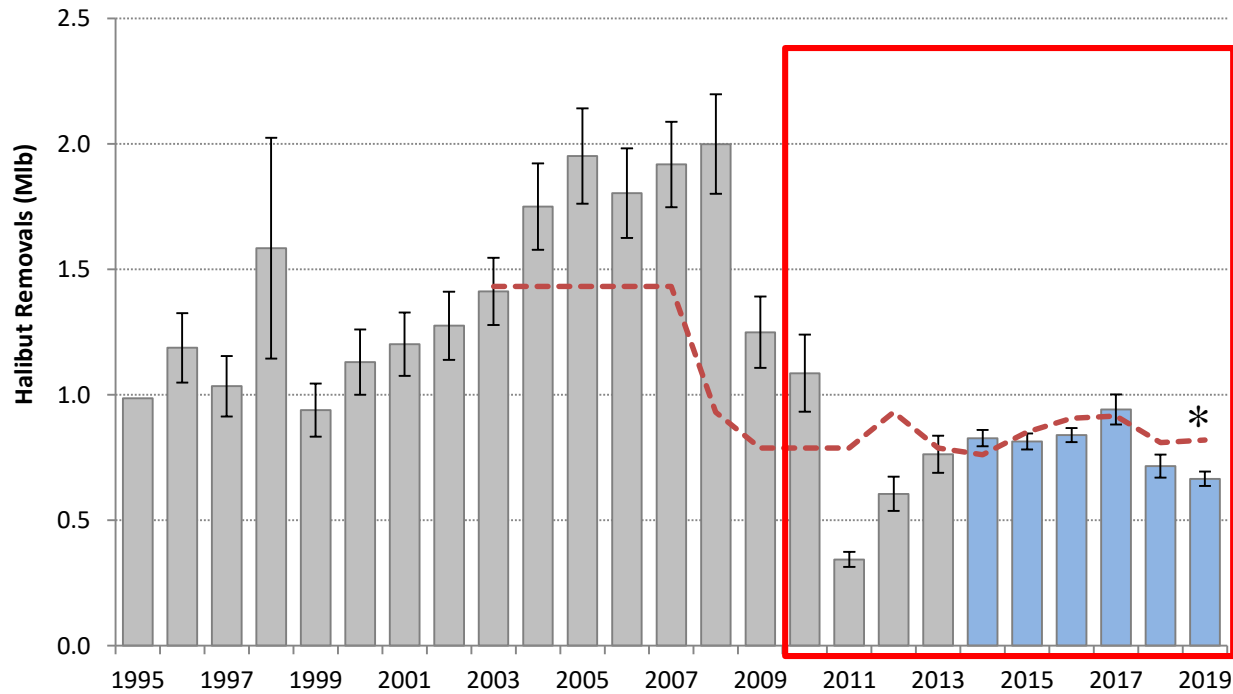
Area Fished	No. Vessels
2C	524
3A	360
2C and 3A	35
3B	5
3A and 3B	2
4A	2



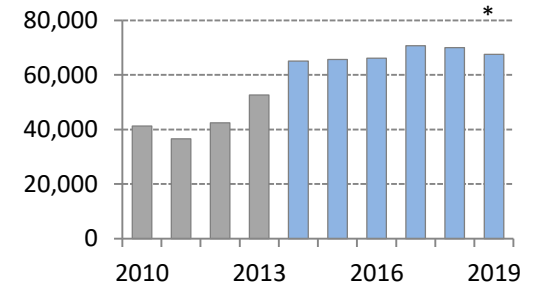
Area 2C Charter

2018: 0.716 MIb
2019: 0.665 MIb

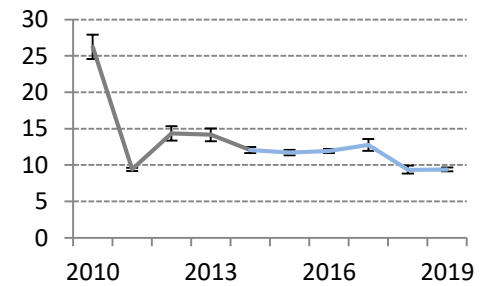
Area 2C - Charter



Number of Halibut



Average Net Weight (lb)

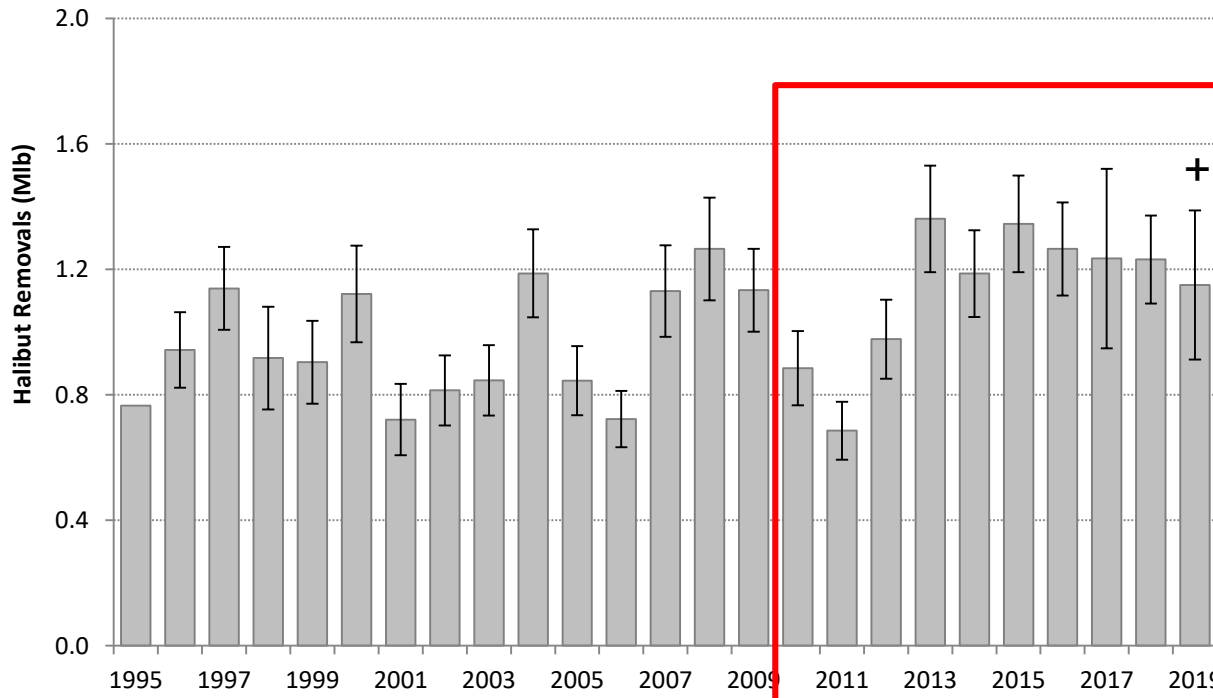


* Projection based on data through July 31

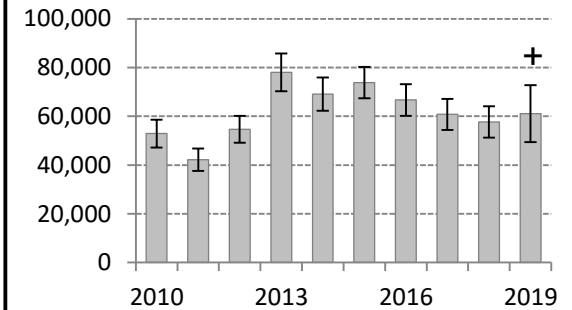
Area 2C Unguided

2018: 1.231 MIb
2019: 1.150 MIb

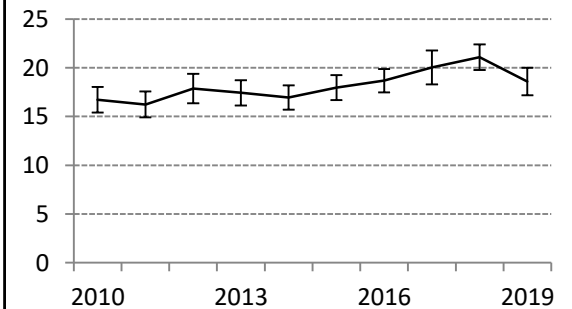
Area 2C - Unguided



Number of Halibut



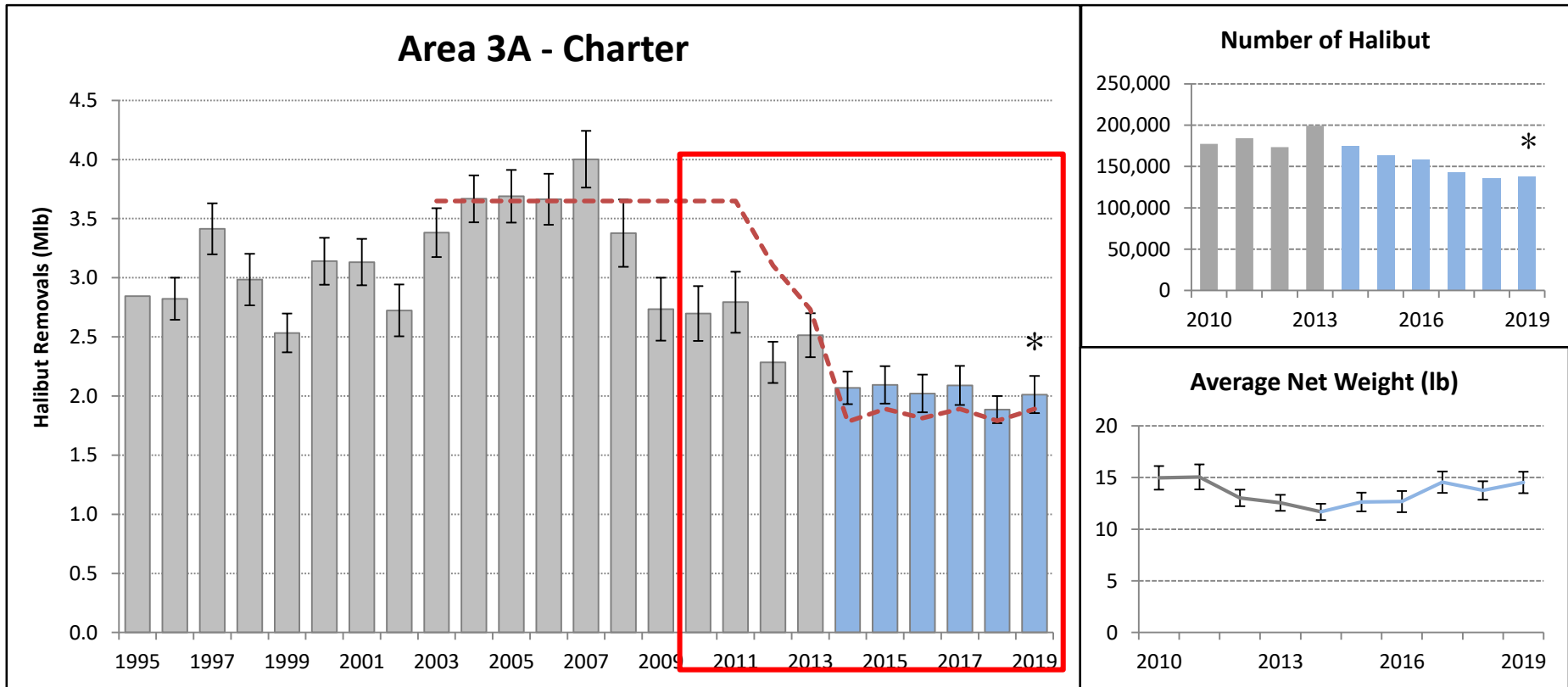
Average Net Weight (lb)



+ Time series forecast

Area 3A Charter

2018: 1.886 Milb
2019: 2.012 Milb

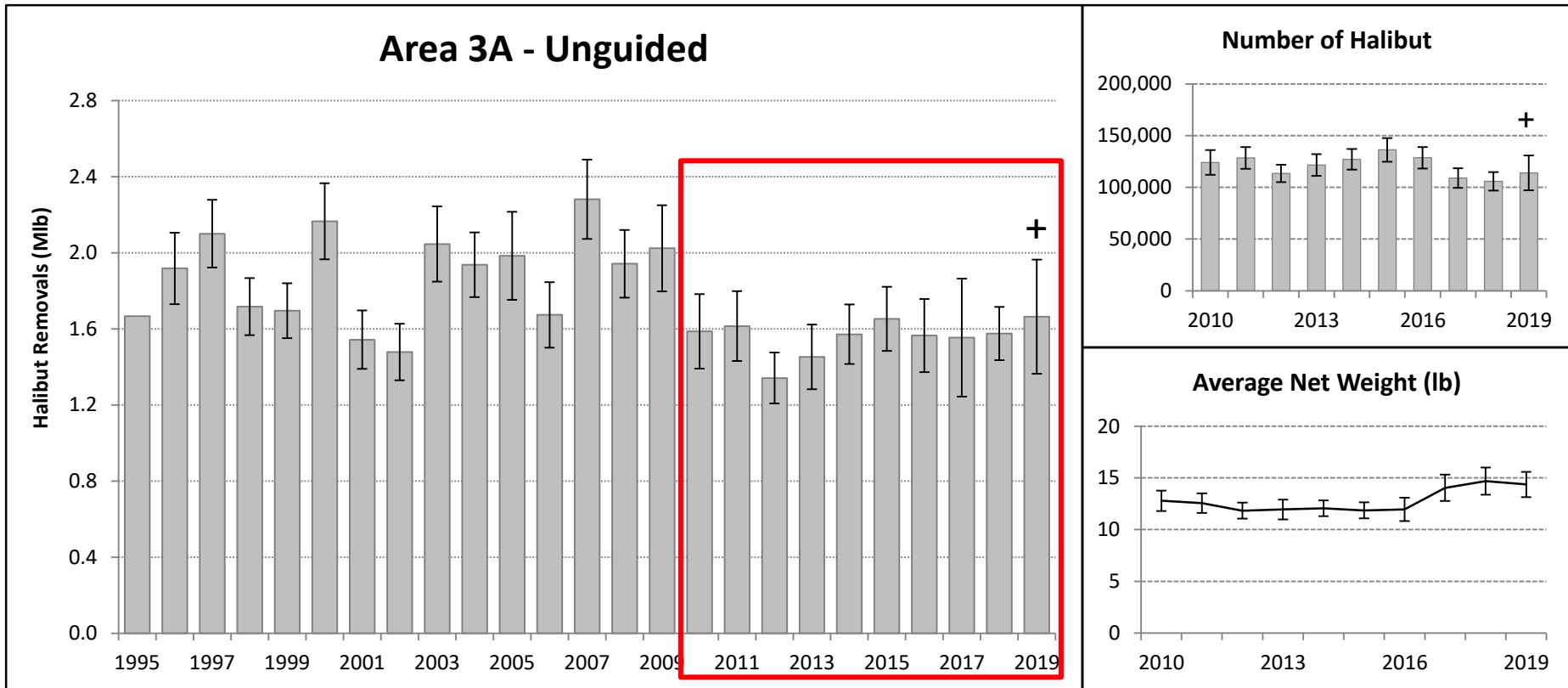


* Projection based on data through July 31



Area 3A Unguided

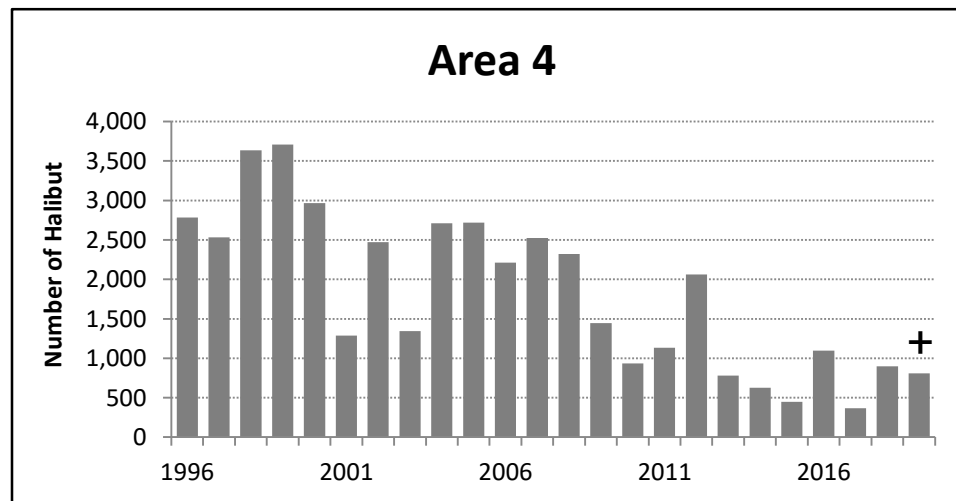
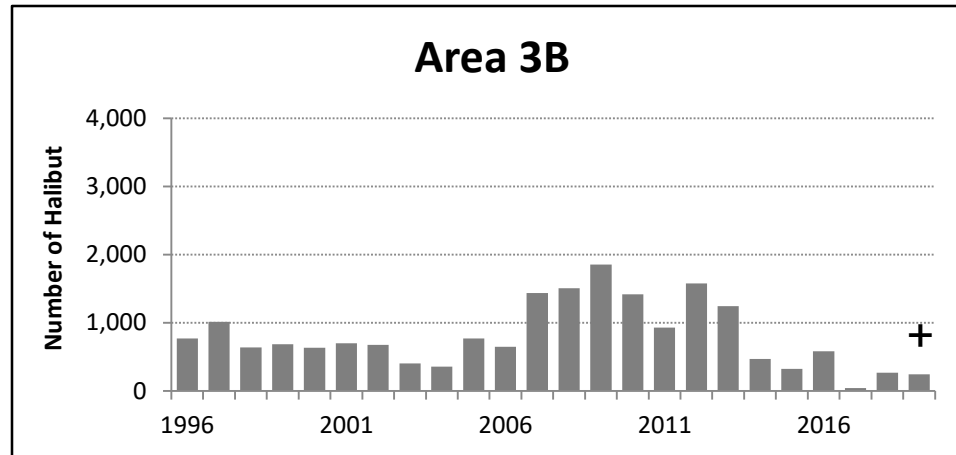
2018: 1.575 MIb
2019: 1.664 MIb



+ Time series forecast



Areas 3B and 4 – Total Recreational Harvest



+ Time series forecast

Acknowledgements

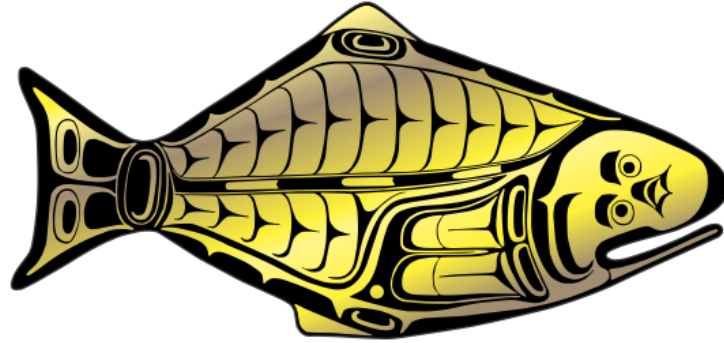
- ▶ Bob Powers – logbook data
 - ▶ Diana Tersteeg, Mike Jaenicke – Southeast data
 - ▶ Martin Schuster – Southcentral data
 - ▶ Mike Martz, Bill Romberg – SWHS
 - ▶ Steve MacLean – NPFMC staff
 - ▶ Charter Halibut Management Committee
 - ▶ Numerous technicians – halibut measurements and angler interviews
 - ▶ Cooperating anglers and charter operators
-
- ▶ Funding:
 - State of Alaska General Funds
 - DJ-WB Federal Aid in Fish Restoration
 - Fish & Game Funds



Photo: Crackerjack Charters



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