



INTERNATIONAL PACIFIC



HALIBUT COMMISSION

Fishery Statistics 2019

Agenda Item 5

IPHC-2019-IM095-05 Rev_1

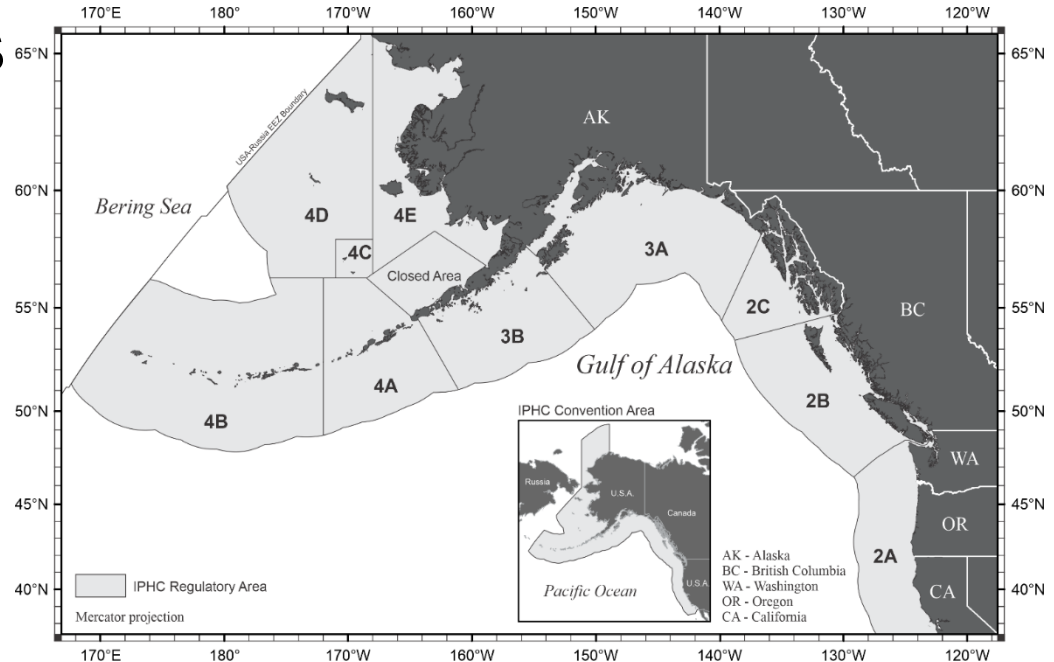
Overview

- Preliminary estimates
- Net weight
- Full year accounting

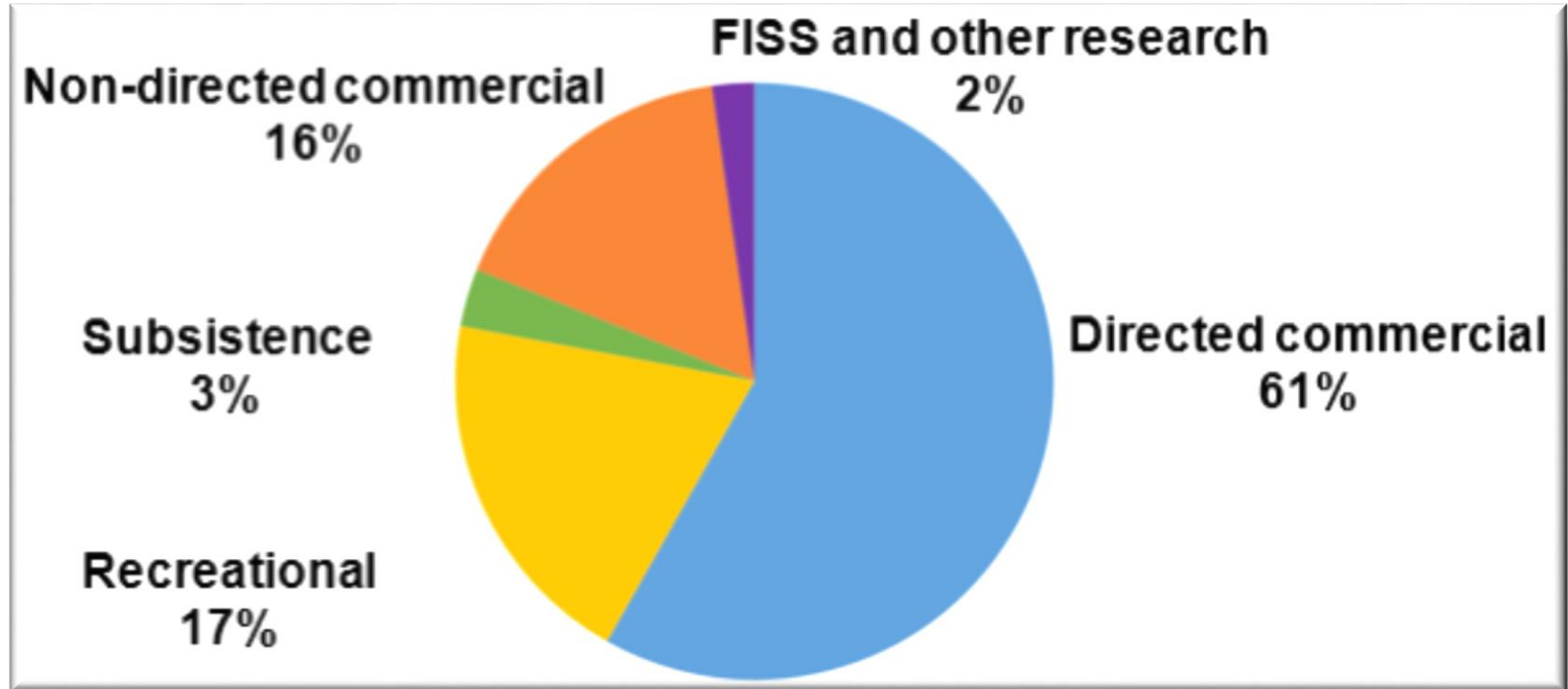
**2019 TOTAL
MORTALITY**

17,950 t

39.57 M lb



Total Pacific Halibut Mortality



Total Pacific Halibut Mortality

Fishery	2018			2019		
	t	Mlb	Percent	t	Mlb	Percent
Directed Commercial (landings and discard mortality)	10,668	23.52	61	11,024	24.30	61
Recreational	3,140	6.92	18	3,140	6.92	17
Subsistence	480	1.06	3	479	1.06	3
Non-directed Commercial (discard mortality)	2,771	6.11	16	2,919	6.44	16
IPHC Research	376	0.83	2	388	0.86	2
Total	17,436	38.44	100	17,950	39.57	100



2019 Directed Commercial – Canada (BC)

15 March to 14 November

Quota Share Fisheries

Fishery Limit = 2,313 t (5.10 Mlb)

- **99% landed (2,285 t, 5.04 Mlb)**
- 99% of Fishery limit (2,380 t, 5.25 Mlb) landed in 2018



2019 Directed Commercial – USA (WA, OR, CA)

Treaty Indian directed commercial

- Fishery limit = 225 t (0.50 Mlb)
- Several openers from 15 Mar to 24 Jul
 - *Unrestricted fishery*
 - 15 Mar to 15 May (55 hrs)
 - *Restricted fisheries*
 - 15 Mar to 15 May (84 hrs) 500 lb
 - 20 May to 5 Jun (72 hrs) 500 lb
 - *Late season/Mop-Up fishery*
 - 11 Jun to 24 Jul (327 lb per tribe)
- 0.5% under fishery limit (224 t, 0.49 Mlb)

Directed commercial

- Fishery limit = 115 t (0.25 Mlb)
- Three 10-hr fishing periods (26 Jun, 10 Jul, 24 Jul)
- 1% under fishery limit (115 t, 0.25 Mlb)



2019 Directed Commercial – USA (WA, OR, CA)

Incidental commercial catch with salmon troll fishery

- Fishery limit = 20 t (0.04 MIb)
- Open 20 Apr – 31 Oct
- Four in-season actions changing landing ratio and trip maximum
 - 1:2 plus 1, max 10 → 1:2 plus 1, max 35 (1 May) → 1:2 plus 1, max 15 (1 Jul) → 1:2 plus 1, max 4 (19 Jul) → 1:2 plus 1, max 2 (29 Jul)
- 3% under fishery limit (20 t, 0.04 MIb)

Incidental commercial catch with sablefish fishery

- Fishery limit = 32 t (0.07 MIb)
- Open 1 Apr – 31 Oct
- One in-season action changing landing ratio
 - 200:1000, plus 2 → 250:1000, plus 2 (2 Aug)
- 13% over fishery limit (36 t, 0.08 MIb)



2019 Directed Commercial – USA (AK)

15 March to 14 November

Quota Share Fisheries

Fishery Limit = 8,573 t (18.9 Mlb)

- **92% landed (7,885 t, 17.38 Mlb)**
- 95% of fishery limit (7,575 t, 16.71 Mlb) landed in 2018

Annette Island Reserve Fisheries

IPHC REGULATORY AREA 2C

- no catch limit
- **13 t (0.03 Mlb) landed**
- 14 two-day openings between 29 March and 29 September



2019 Recreational – Canada (BC)

Allocation = 381 t (0.84 Mlb)

Tidal license fishery (1 Feb):

- Max length of 126 cm
- Possession limit 1 Pacific halibut 90 to 126 cm; or 2 Pacific halibut less than 90 cm
- Annual limit 6 per license holder

4% under allocation (364 t, 0.80 Mlb)

Experimental Recreational Quota (XRQ) – leased from the Commercial Quota Fishery

- **8.2 t (18,000 lb) landed**



2019 Recreational – USA (WA, OR, CA)

Allocation = 275 t (0.61 Mlb)

Landed catch = 203 t (0.45 Mlb, 74%)

California

8 t (0.02 Mlb)

Oregon

73 t (0.16 Mlb)

Washington

122 t (0.27 Mlb)

Overall, 26% under allocation (203 t, 0.45 Mlb)



Photo by Edward Henry



2019 Recreational – USA (AK)

All areas open 1 Feb - 31 Dec – projected values

IPHC Regulatory Area 2C - charter sector (guided)

- Allocation = 372 t (0.82 Mlb)
- Daily bag limit of 1 fish
- Reverse slot limit
 - total length \leq 38 inches or \geq 80 inches
- 19% under allocation at 303 t 0.67 Mlb)

Guided Angler Fish (GAF) – leased from the Commercial Quota Fishery

- **34 t (75,039 lb) landed**



2019 Recreational – USA (AK)

All areas open 1 Feb - 31 Dec – projected values

IPHC Regulatory Area 3A – charter sector (guided)

- Allocation = 857 t (1.89 Mlb)
- Daily bag limit of 2 fish
- Max size limit for second fish of 28 inches
- Each vessel limited to 1 trip per day
- Closed Wednesdays
 - and 16 Jul, 23 Jul, 30 Jul, 6 Aug and 13 Aug
- Annual limit of 4 fish
- 7% over allocation at 916 t, 2.02 Mlb)



Guided Angler Fish (GAF)– leased from the Commercial Quota Fishery

– **4.8 t (10,652 lb) landed**



2019 Recreational – USA (AK)

All areas open 1 Feb - 31 Dec – projected values

Private anglers (unguided) in all areas

- 2 fish daily bag limit
- No size restrictions
- No annual limit
- 1,285 t (2.83 Mlb) - no allocation
- IPHC Regulatory Area 2C – 522 t (1.15 Mlb)
- IPHC Regulatory Area 3A – 755 t (1.66 Mlb)



2019 Subsistence Fisheries – All Areas

1 January to 31 December

2007 estimate carried over for Canada

2018 estimates carried over for USA (AK)

TOTAL

– 479 t (1.056 Mlb)

– 529 t (1.20 Mlb) in 2017

CANADA

– 184 t (0.405 Mlb)

– 136 t (0.300 Mlb) in 2006

USA – WA, OR AND CA

– 13 t (0.028 Mlb)

– 12 t (0.027 Mlb) in 2017

USA – AK

– 283 t (0.623 Mlb)

– 333 t (0.735 Mlb) in 2017



2019 Non-directed Discard Mortality All Areas

1 January to 31 December

Preliminary estimates and projections for October through December

TOTAL – 2,919 t (6.436 Milb)
– 2,771 t (6.110 Milb) in 2018

CANADA
– 108 t (0.239 Milb)

USA – WA, OR AND CA
– 57 t (0.126 Milb)

USA – AK
– 2,754 t (6.071 Milb)



2019 FISS and Research – All Areas

TOTAL – 388 t (0.85 Mlb)

CANADA - BC

– 38 t (0.08 Mlb)

USA – WA, OR AND CA

– 8 t (0.02 Mlb)

USA – AK

– 342 t (0.75 Mlb)



Pacific Halibut Mortality in Excess - Canada

Fishery	Mortality limit/level		2019 Mortality		
	t	MIb	t	MIb	Percent
Directed commercial discard mortality	59	0.13	64	0.14	108



Pacific Halibut Mortality in Excess - USA

Fishery	IPHC Regulatory Area	Mortality limit/level		2019 Mortality		
		t	Mlb	t	Mlb	Percent
Commercial	2A – Incidental Sablefish	32	0.07	36	0.08	113
	2A – discard mortality	9	0.02	13	0.03	145
Recreational	3A – guided	857	1.89	916	2.02	107
	4A	5	0.01	6	0.01	140
Subsistence	3B	6	0.01	8	0.02	117
	4A	4	0.01	6	0.01	163
	4B	<1	<0.01	<1	<0.01	561



Pacific Halibut Mortality in Excess - USA

Fishery	IPHC Regulatory Area	Mortality limit/level		2019 Mortality		
		t	Mlb	t	Mlb	Percent
Discard Mortality (non-directed commercial)	2C	14	0.03	40	0.09	297
	3A	581	1.28	661	1.46	114
	3B	163	0.36	208	0.46	128
	4A	82	0.18	149	0.33	183
	4CDE	848	1.87	1,618	3.57	191



Concerns with Mortality Estimates

Directed Commercial – U.S.A.

- **Discard mortality in Alaska**
 - inaccurate mean fish weight
 - No observer coverage for vessels less than 40 feet
 - Hook and line observer coverage is low (12% to 15%) in GOA and Bering Sea

Recreational – Canada and U.S.A

- Self reporting of lodges in BC and AK

Subsistence – Canada and U.S.A.

- Roll over since 2007 (Canada) and 2018 (U.S.A)

Non-directed commercial discard in other fisheries – U.S.A.

- Hook and line observer coverage is low (12% to 15%) in GOA and Bering Sea
- Non-pelagic trawl catcher vessel observer coverage is low (13%) in GOA
- Challenges with tendered versus non-tendered deliveries



2019 Port Highlights

Canada

- Adding collection of marine mammal details to logbook – agreement with USA logbooks

USA(AK)

- Dockside surveys in Homer, Sitka, Seward and Juneau to evaluate most common discard practices used recreationally. Survey results will be used to help design field experiment in the Spring of 2020 intended to provide estimates of discard mortality rates in the recreational fishery.



2019 Port Highlights



Head-on requirement

- Implemented in 2017
- Fresh landings with head off
 - none in USA (2017 and 2018)
 - Canada
 - **10.0 t (22,069 lb or 0.4%) 2019**
 - **5.4 t (11,821 lb or 0.2%) 2018**
 - **2.8 t (6,186 lb or 0.09%) 2017**
- Frozen landings with head off
 - none in USA (2017 and 2018)
 - Canada
 - 30.6 t (67,563 lb or 1%) 2019
 - 41.8 t (92,148 lb or 2%) 2018
 - 35.6 t (78,583 lb or 1%) 2017
- Challenges for industry
 - matching their head-off weight prices to the IFQ weight



2019 Updates

Use of pot gear

- Implemented in USA in 2017
- Landings with pot gear
 - Canada – n/a
 - USA
 - 27 t (59,721 lb or 0.1%) 2019
 - 23 t (49,983 lb or 0.1%) 2018
 - 12 t (27,025 lb or 0.06%) 2017
- Logs with pot gear
 - Canada
 - None in 2019
 - None in 2018
 - <1 t (<100 lb or 0.06%) 2017
 - USA
 - 10 t (21,006 lb or 0.1%) 2019
 - 23 t (49,559 lb or 0.1%) 2018
 - 12 t (26,813 lb or 0.06%) 2017
- Challenges for industry
 - USA – Adjusting to NOAA Fisheries logbook regulations



2019 IPHC PORT SAMPLERS



Lisa Vitale
St. Paul



Jessica Marx
Homer



Binget Nilsson
Seward



Michele Drummond
Juneau



Darlene Haugan
Prince Rupert



Dave Jackson
Kodiak



Tachi Sopow
Sitka



Levy Boitor
Petersburg



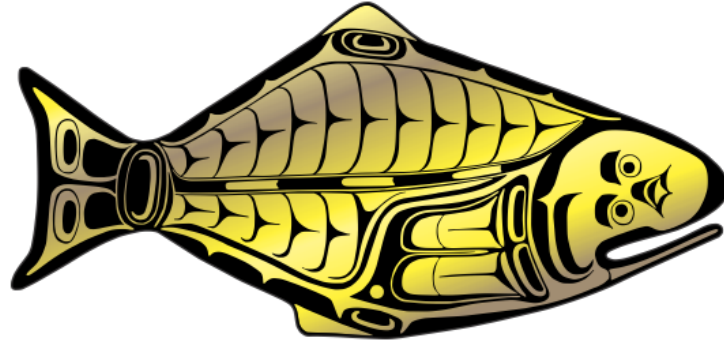
Jenni Rogge
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