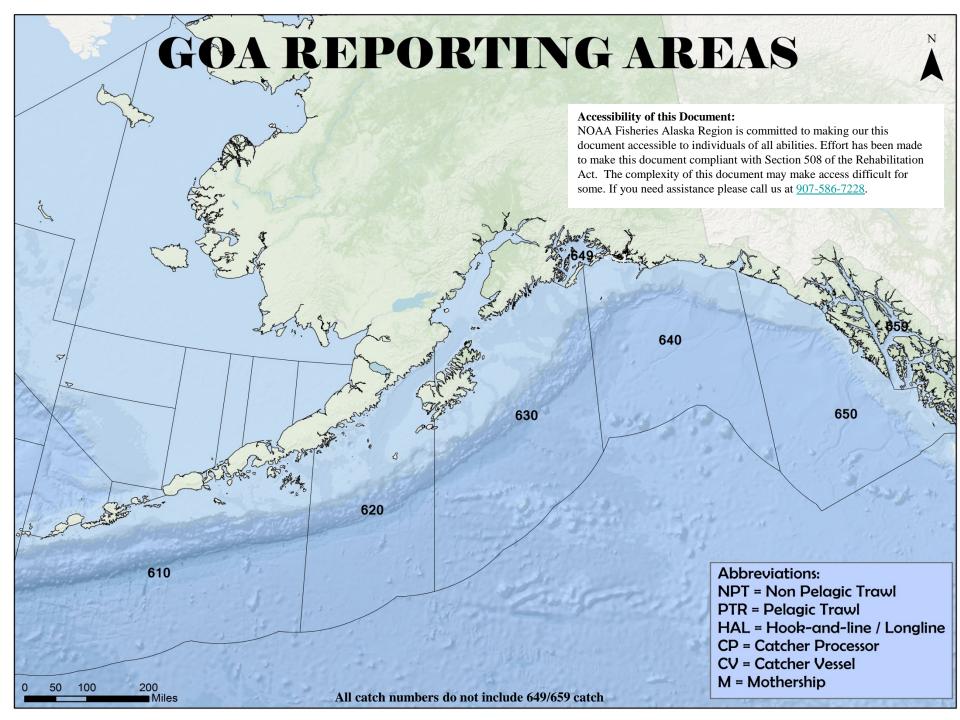


Gulf of Alaska Inseason Management Report

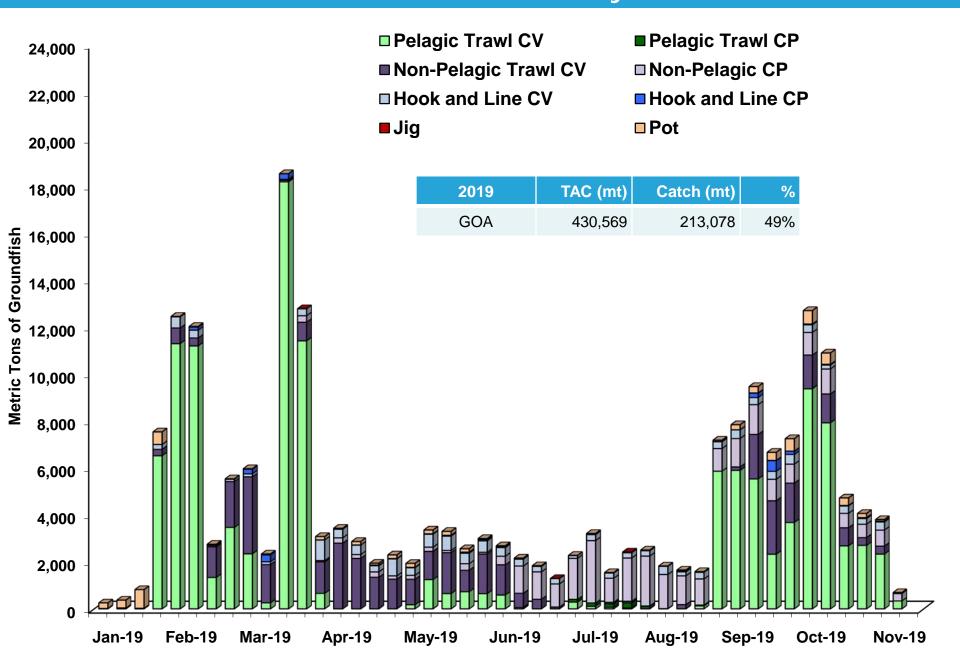
December 2019

Catch data are through November 9, 2019

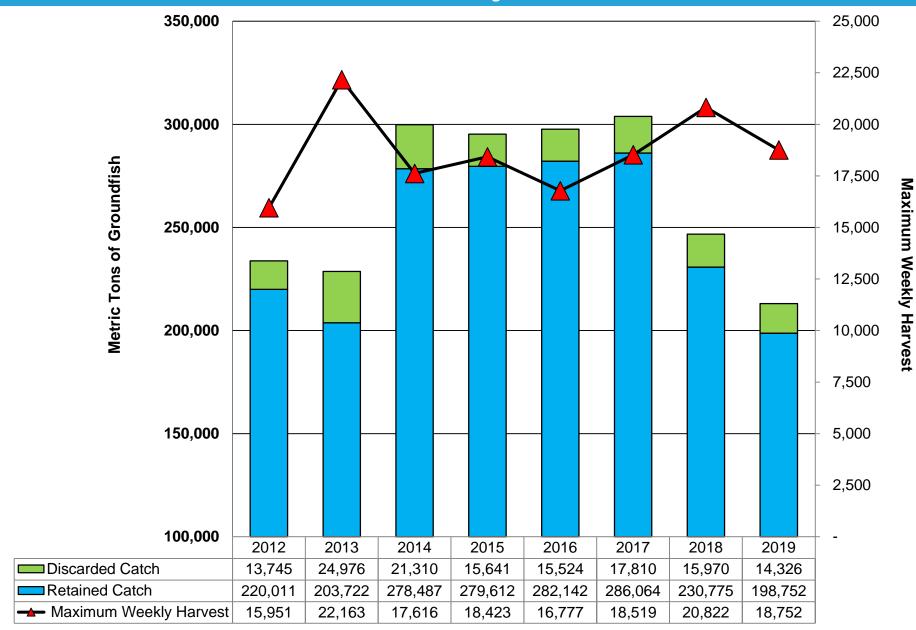
Management reports can be found at: https://www.fisheries.noaa.gov/alaska/commercial-fishing/fisheries-catch-and-landings-reports



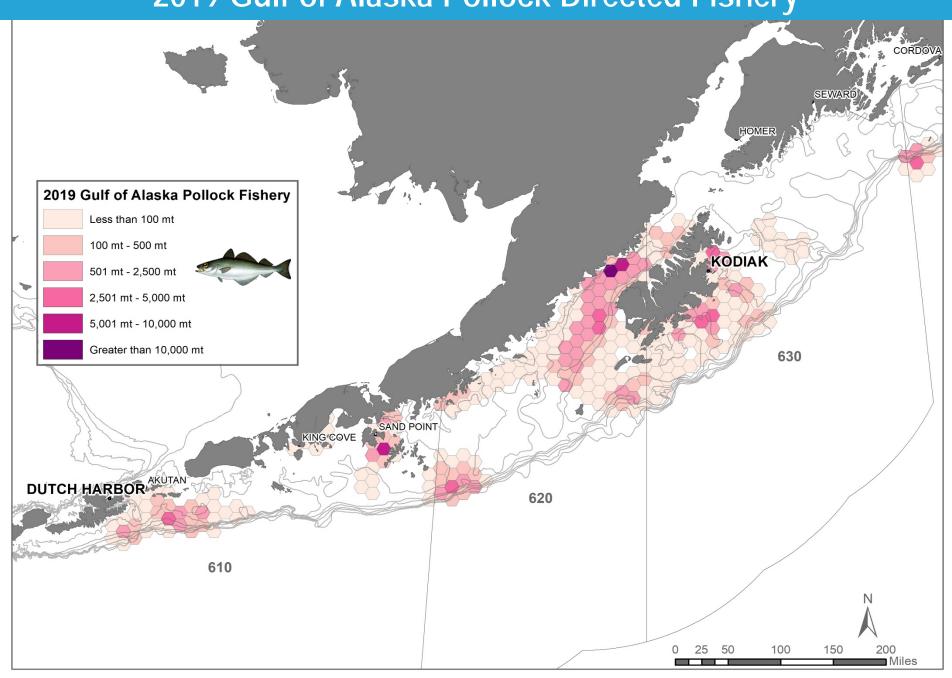
2019 GOA Total Groundfish Catch by Gear and Sector



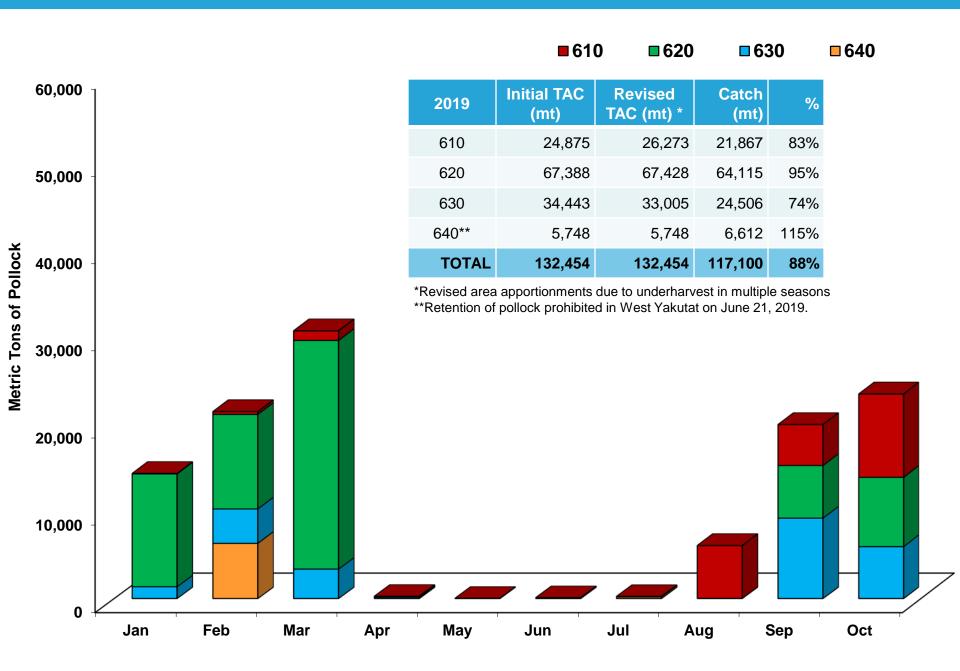
GOA Total Groundfish Catch and Maximum Weekly Harvest



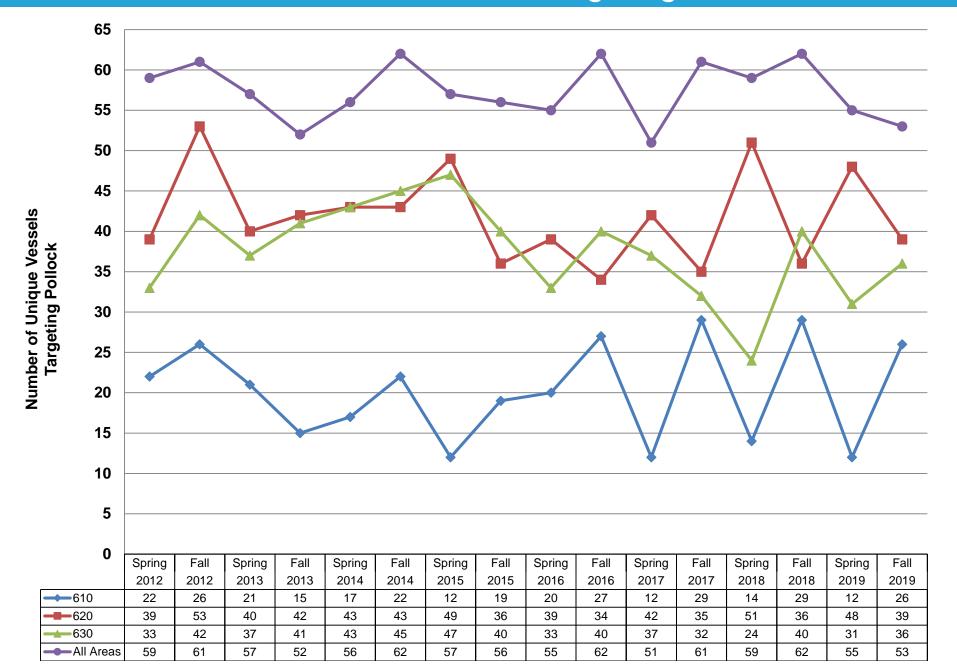
2019 Gulf of Alaska Pollock Directed Fishery



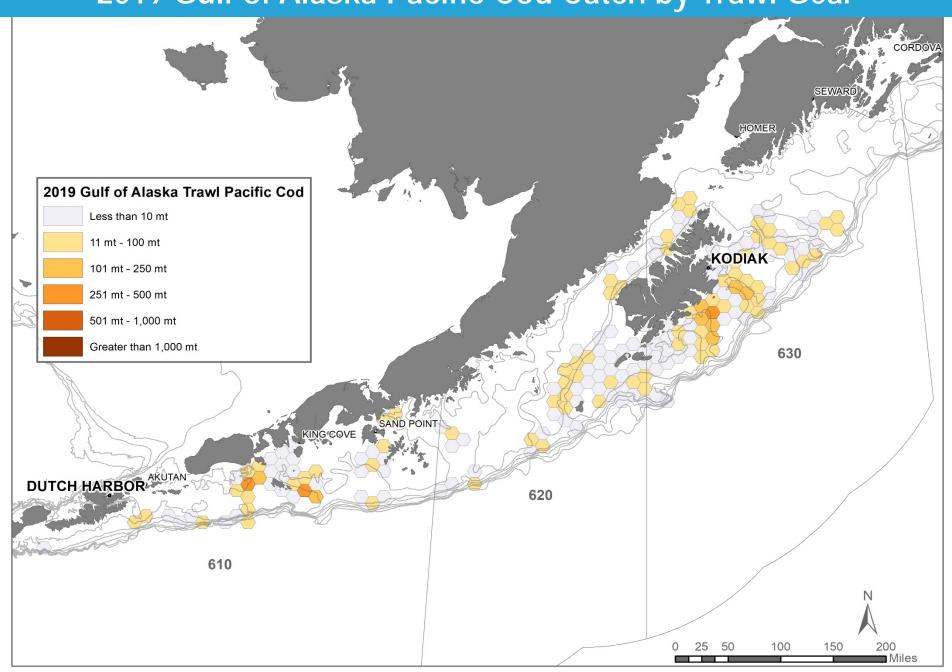
2019 Pollock Catch in the GOA



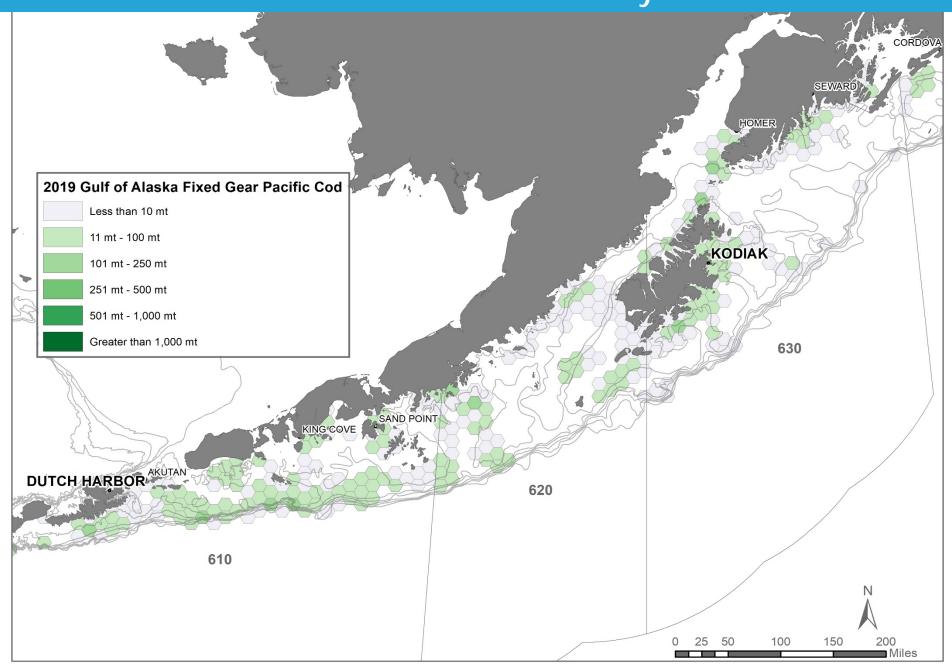
2012 – 2019 Counts of Vessels Targeting GOA Pollock



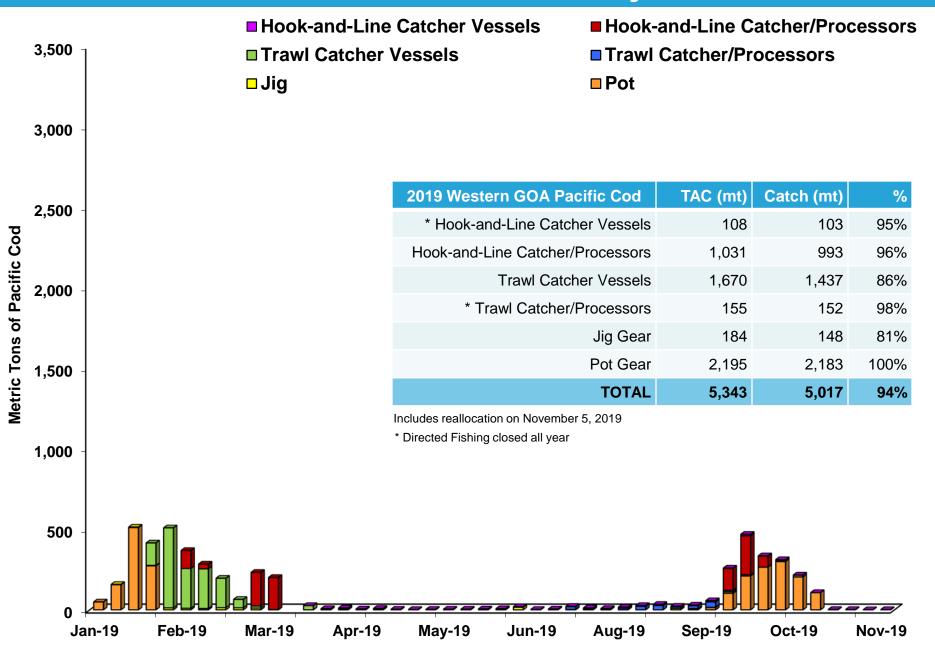
2019 Gulf of Alaska Pacific Cod Catch by Trawl Gear



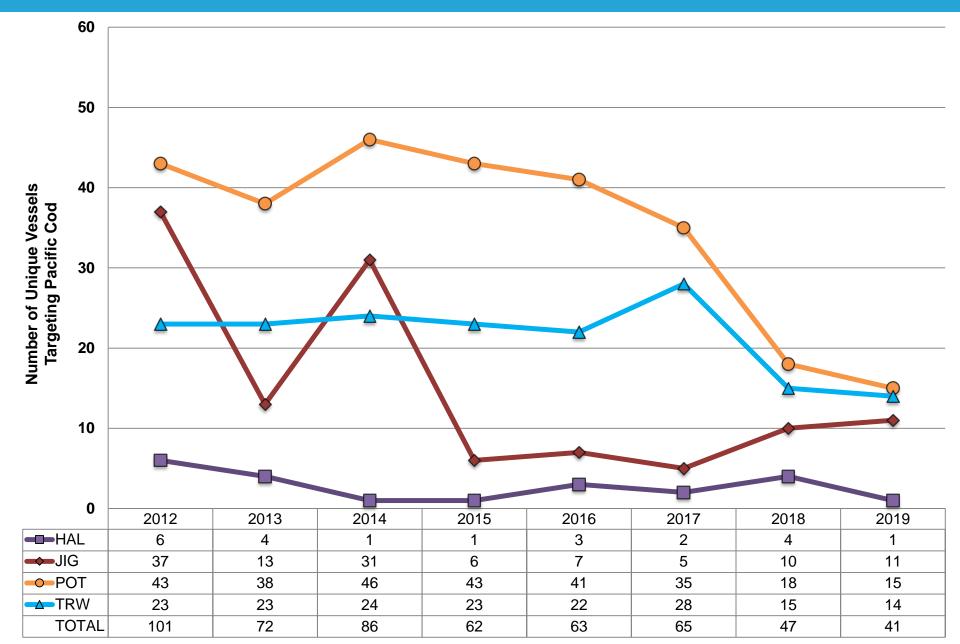
2019 Gulf of Alaska Pacific Cod Catch by Non-Trawl Gear



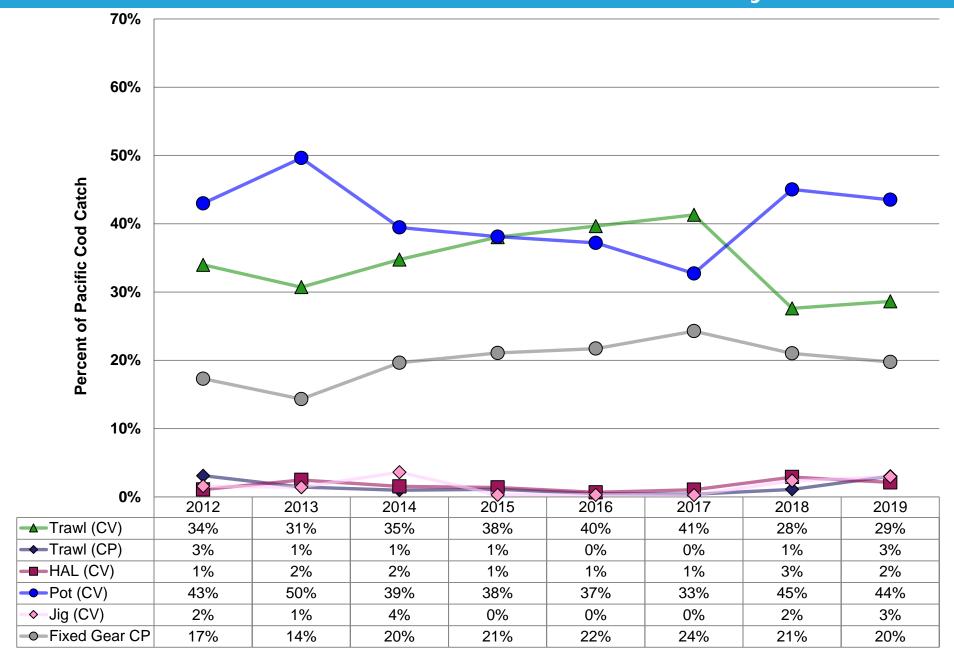
2019 Western GOA Pacific Cod Catch by Week and Sector



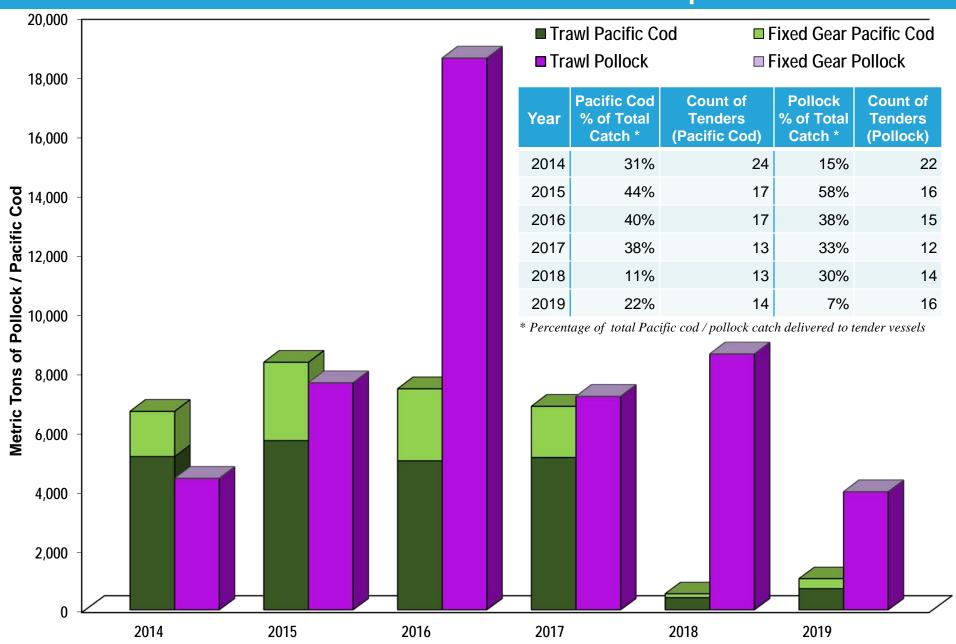
2012 – 2019 Counts of Catcher Vessels Targeting Western GOA Pacific Cod



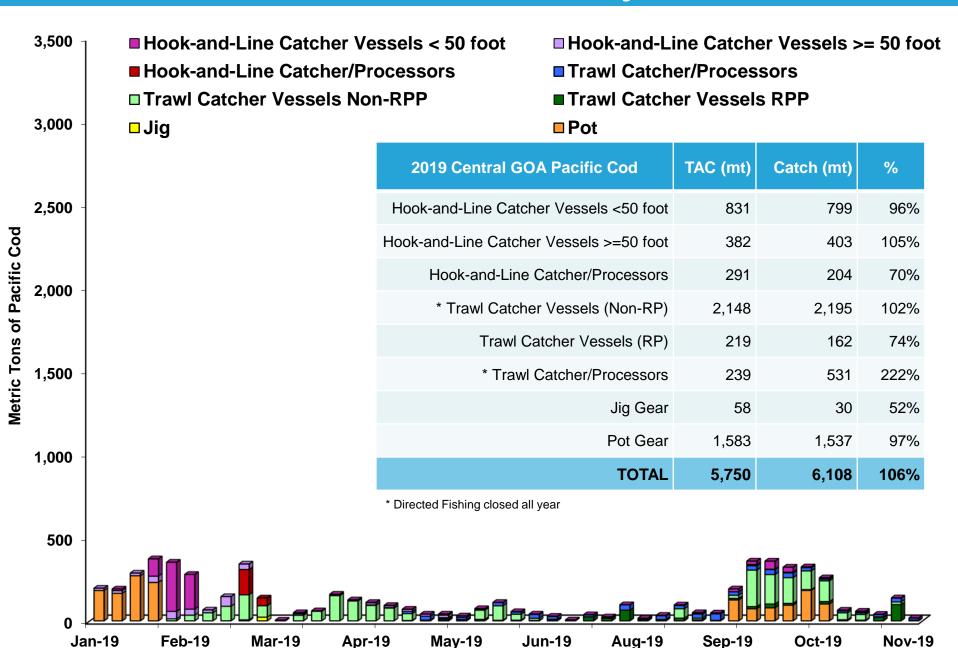
2012 – 2019 Western GOA Pacific Cod Catch by Sector



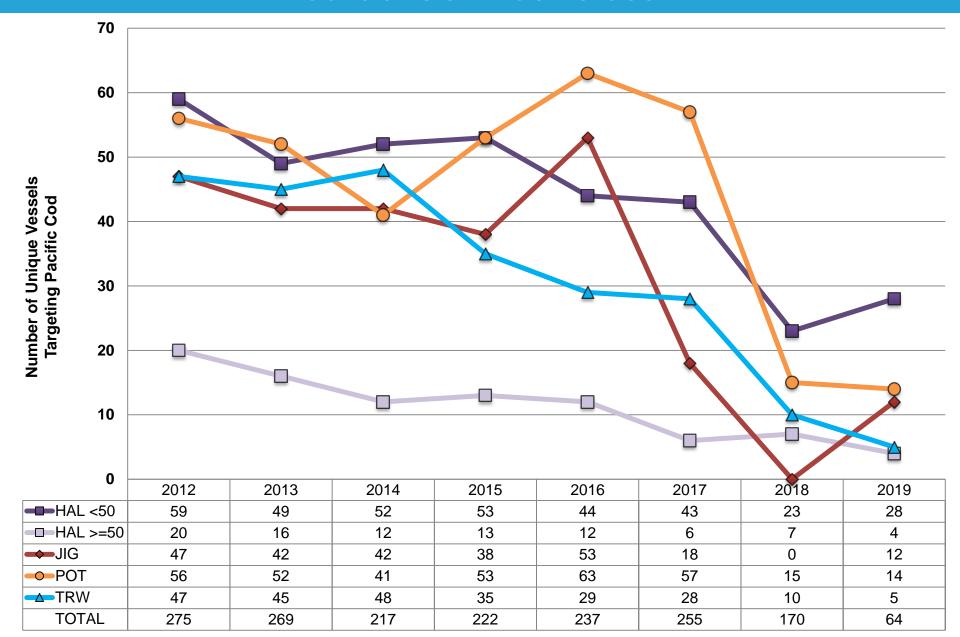
Western GOA Tender Vessels Report



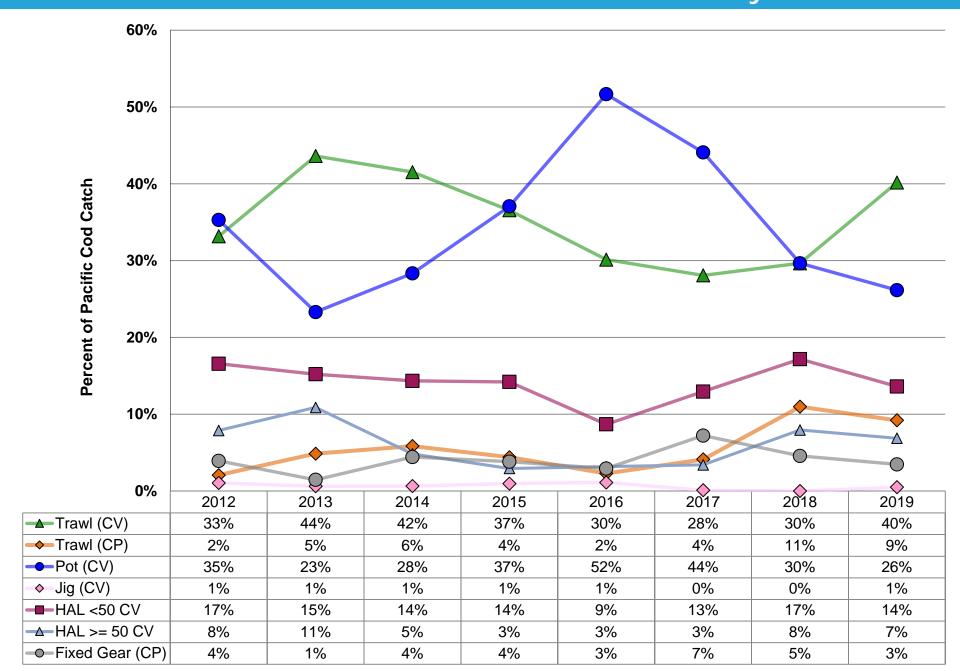
2019 Central GOA Pacific Cod Catch by Week and Sector



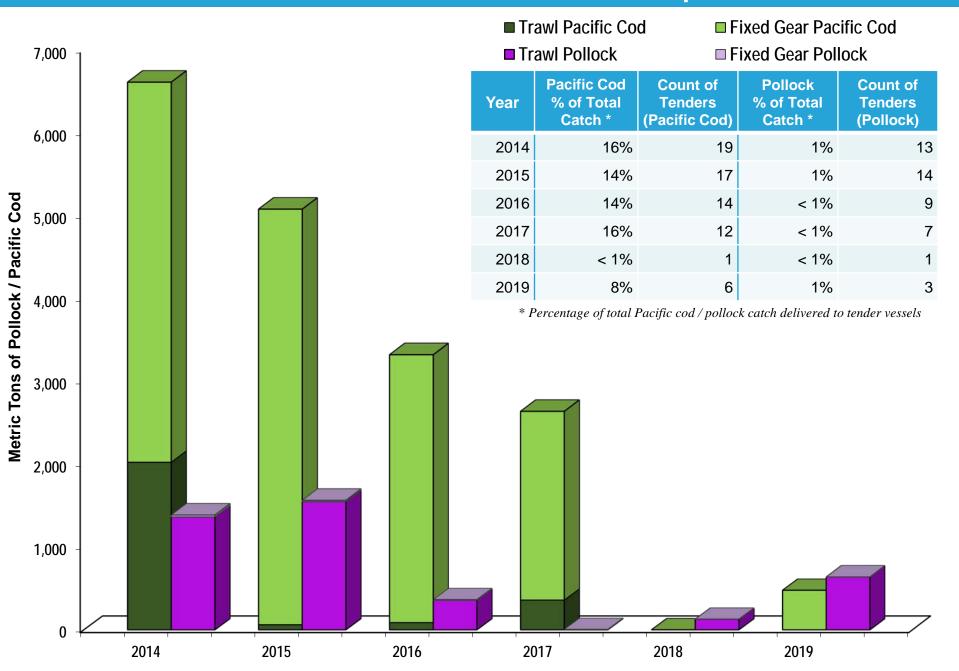
2012 – 2019 Counts of Catcher Vessels Targeting Central GOA Pacific Cod



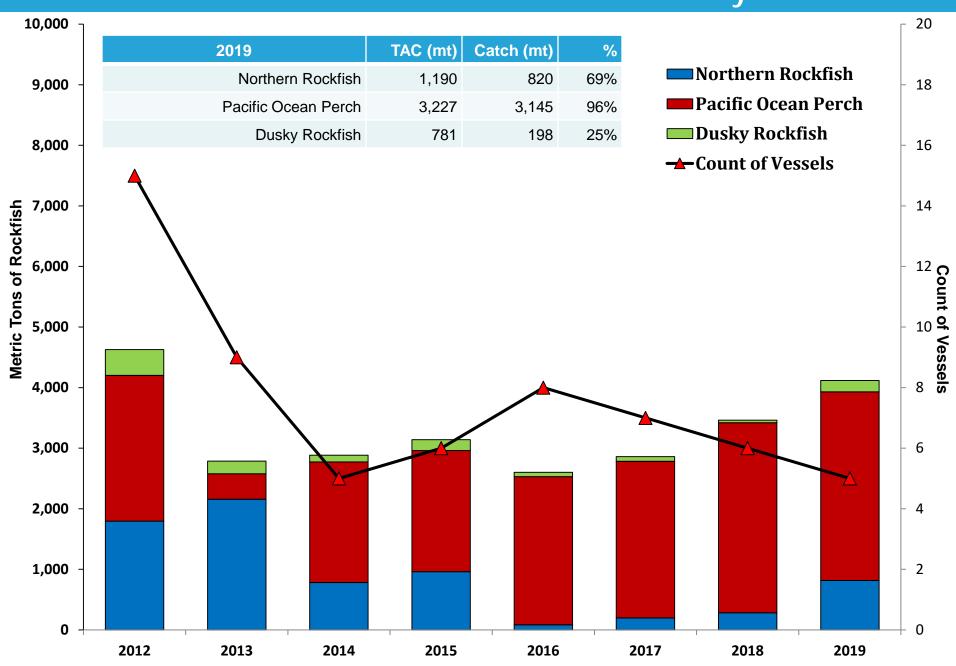
2012 – 2019 Central GOA Pacific Cod Catch by Sector



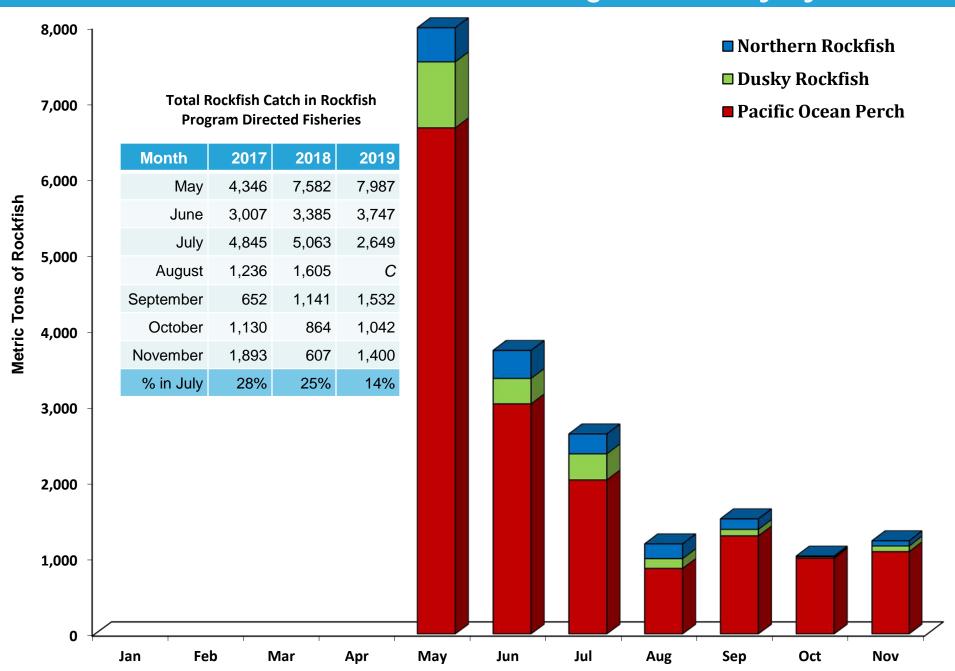
Central GOA Tender Vessels Report



Western GOA Trawl Rockfish Fishery

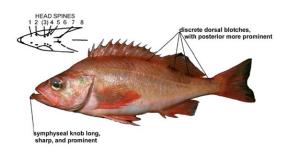


2019 Central GOA Trawl Rockfish Program Fishery by Month

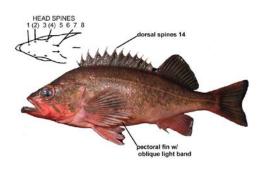


2019 Rockfish Program Allocations and Catch

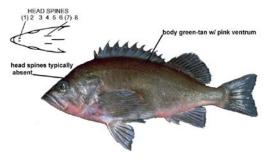
Species	Limit (mt)	(mt) Catch (mt)					
Entry level Fixed Gear							
Pacific Ocean Perch	5	0	0%				
Northern Rockfish	5	0	0%				
Dusky Rockfish	50	13	25%				
Cooperatives							
Pacific Ocean Perch	16,641	16,502	99%				
Northern Rockfish	3,032	1,758	58%				
Dusky Rockfish	2,464	1,997	81%				
Pacific Cod	219	162	74%				
Sablefish	533	512	96%				
Thornyhead Rockfish	313	87	28%				
Shortraker Rockfish	122	confidential	confidential				
Rougheye Rockfish	324	confidential	confidential				
Pacific Halibut PSC	191	51	27%				
Primary Species Central GOA Incidental Catch							
Pacific Ocean Perch	3,000	2,443	81%				
Northern Rockfish	300	169	56%				
Dusky Rockfish	250	182	73%				



Pacific Ocean Perch

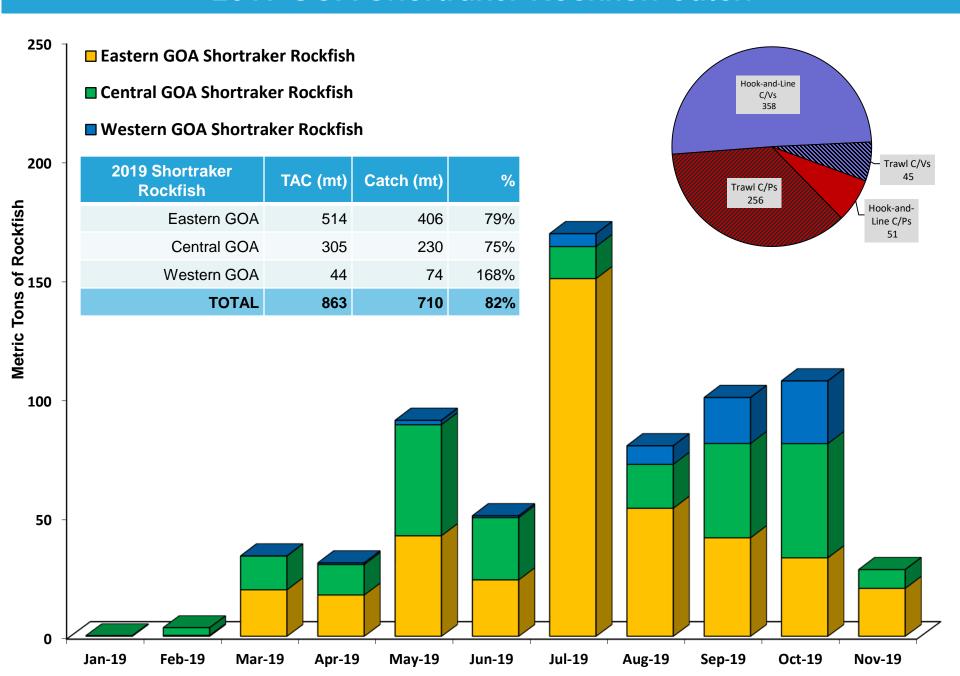


Northern Rockfish

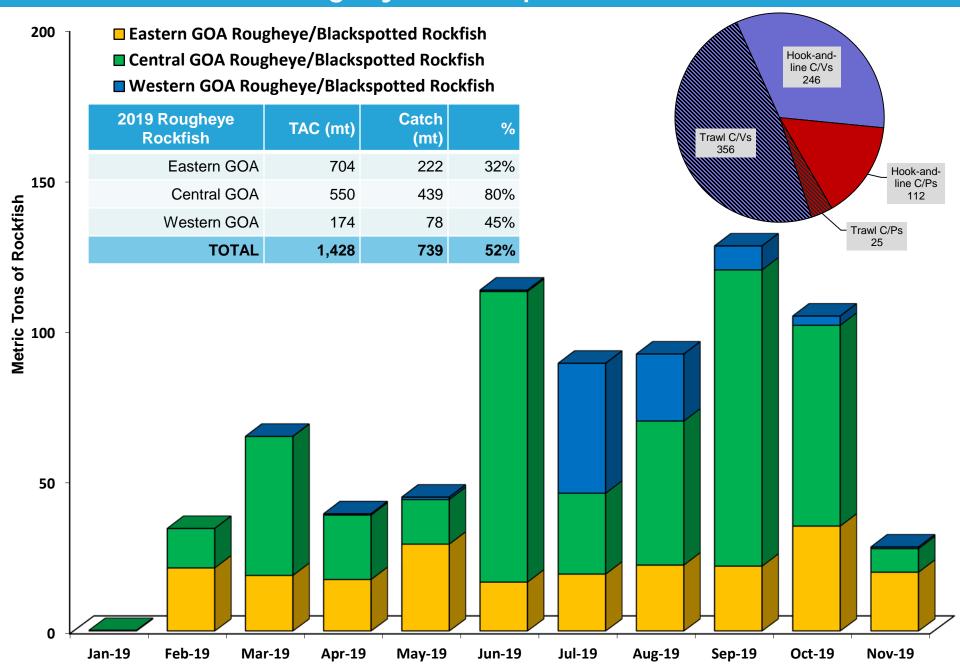


Dusky Rockfish

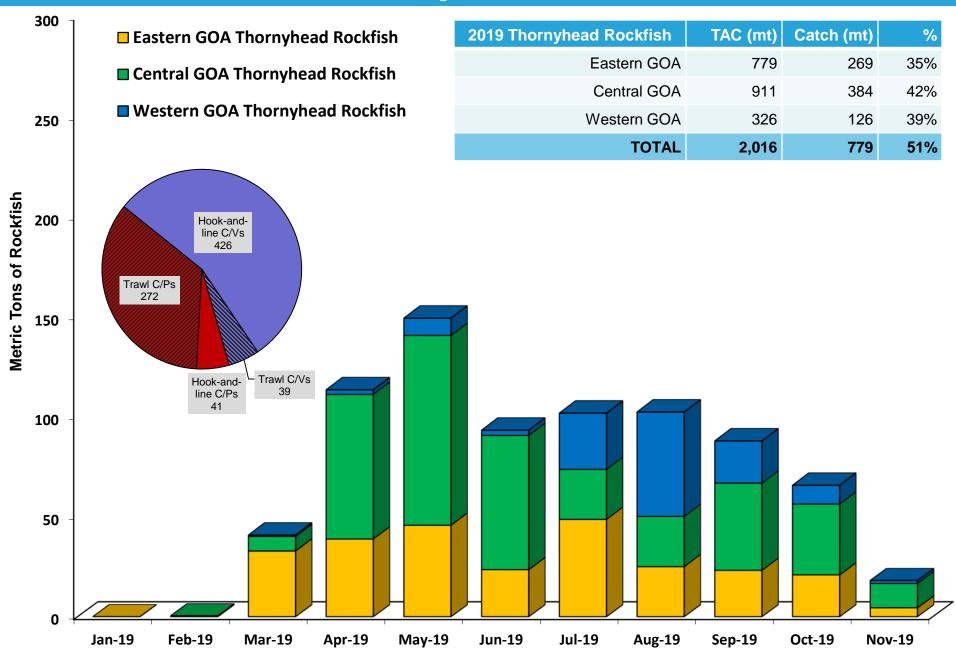
2019 GOA Shortraker Rockfish Catch



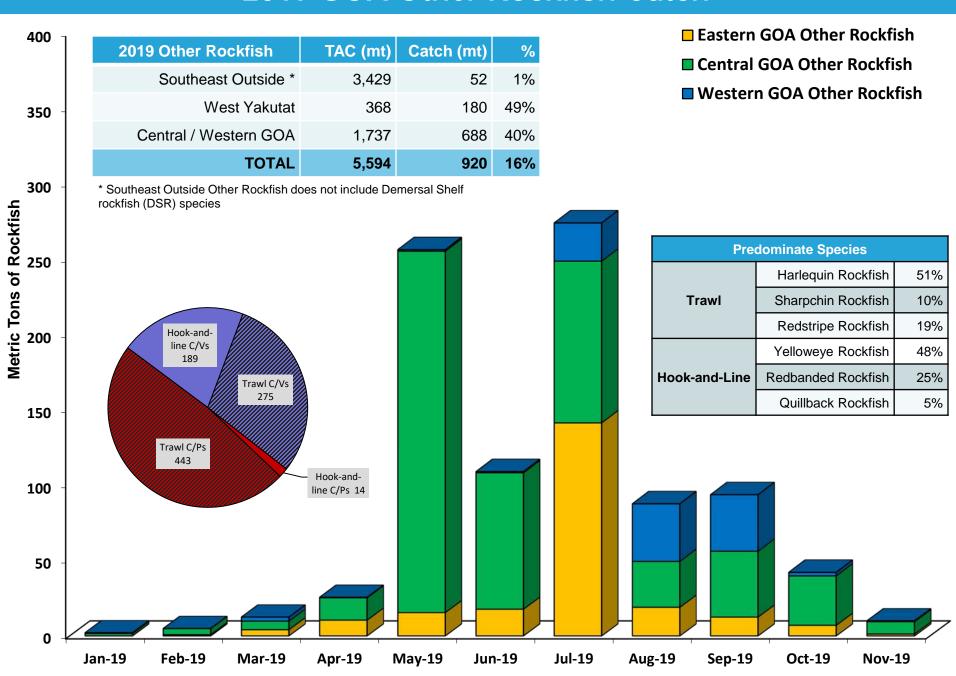
2019 GOA Rougheye/Blackspotted Rockfish Catch



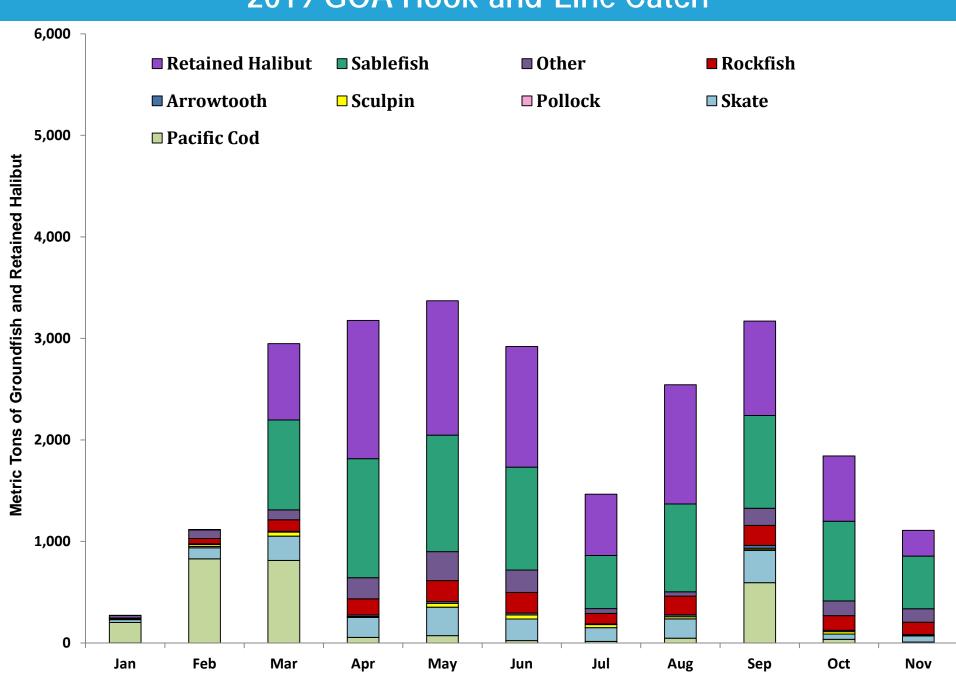
2019 GOA Thornyhead Rockfish Catch



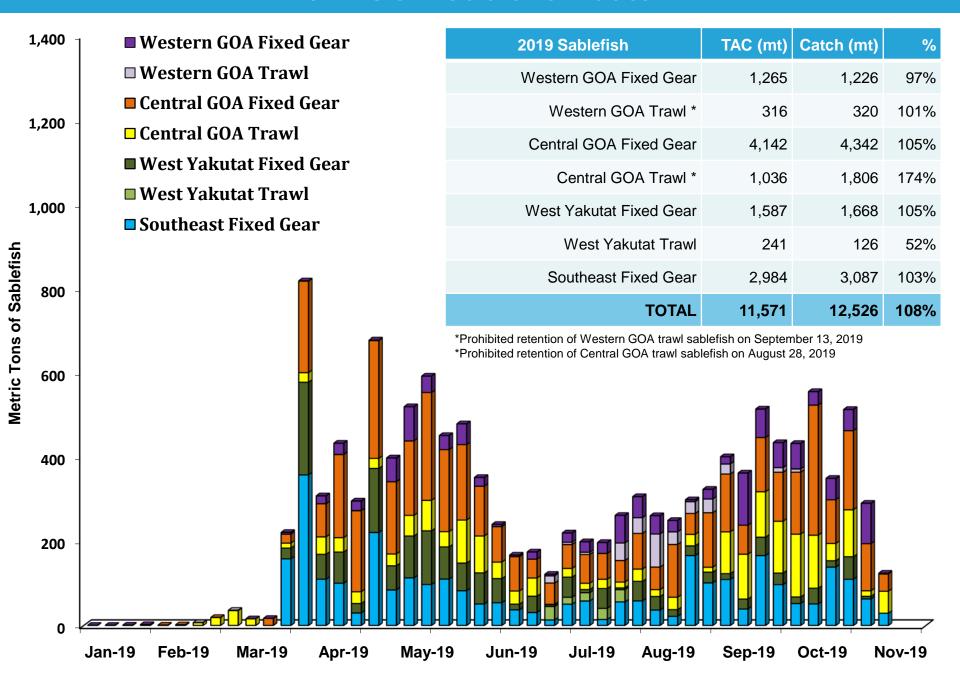
2019 GOA Other Rockfish Catch



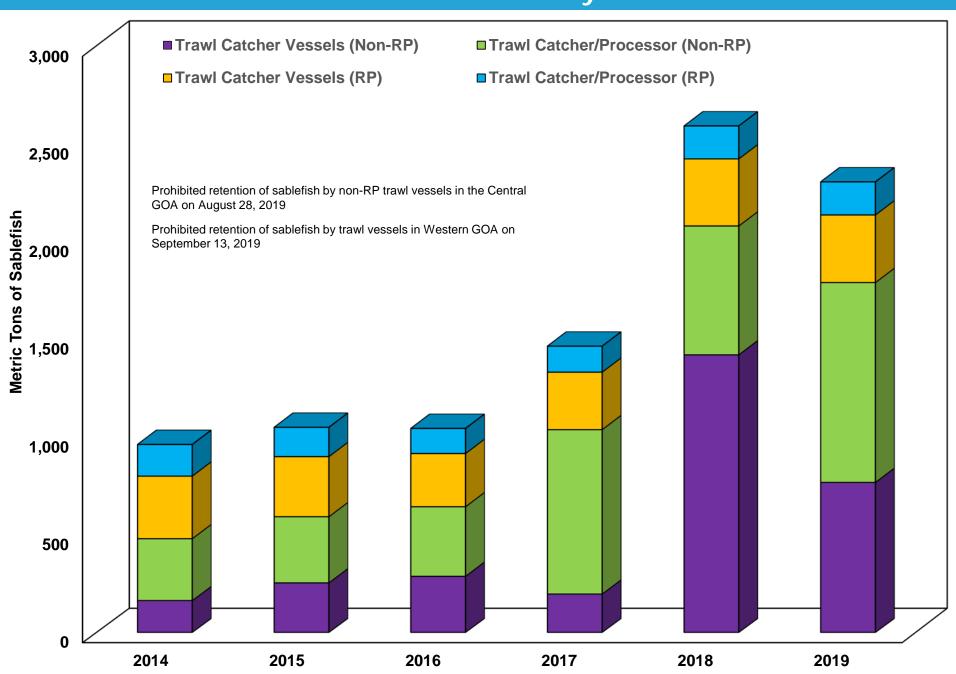
2019 GOA Hook-and-Line Catch



2019 GOA Sablefish Catch

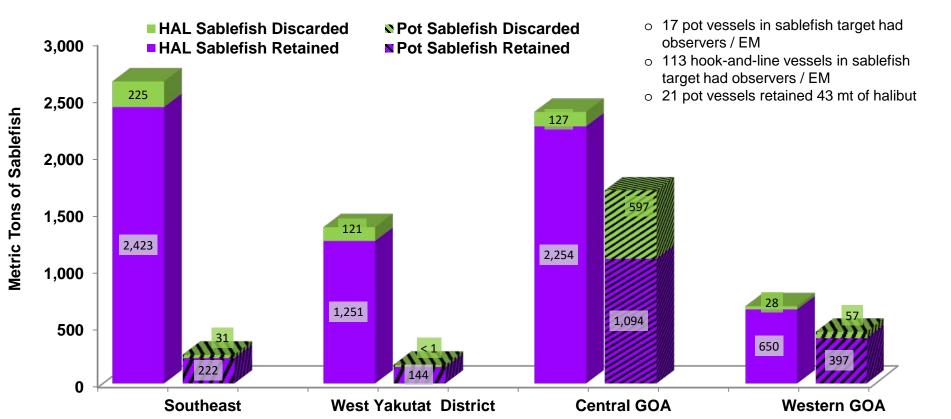


2014 – 2019 Sablefish Catch by Trawl Vessels

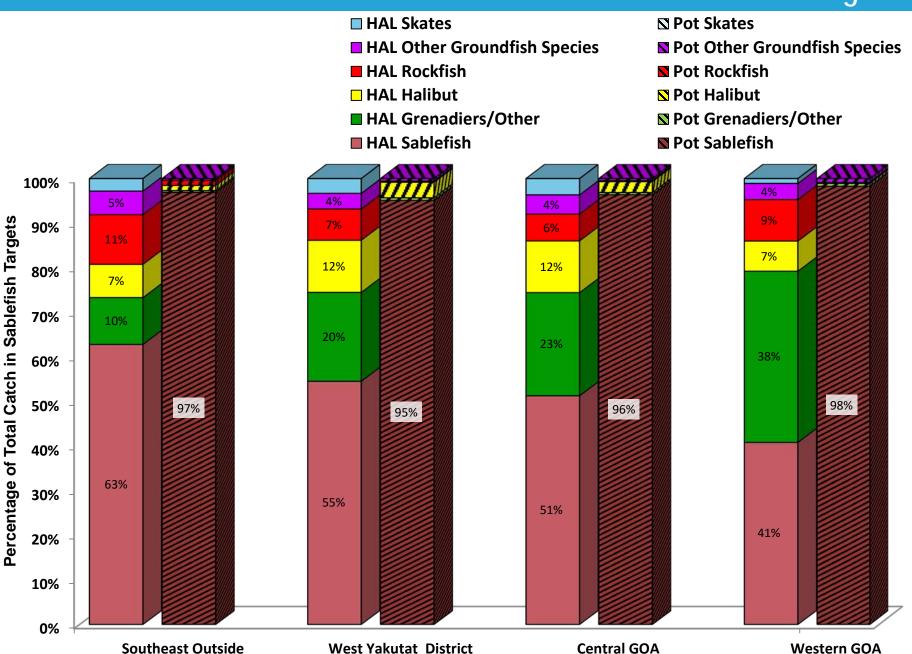


Sablefish by Fixed Gear

	Hook-and-Line			Pot			
2019 Sablefish	Unique Vessels	Sablefish (mt)	% of IFQ Sablefish	Unique Vessels	Sablefish (mt)	% of IFQ Sablefish	
Southeast	143	2,648	91%	13	252	9%	
West Yakutat	71	1,372	89%	13	164	11%	
Central GOA	98	2,380	58%	24	1,691	42%	
Western GOA	36	678	60%	13	453	40%	
GOA Wide	221	7,078	73%	30	2,560	27%	

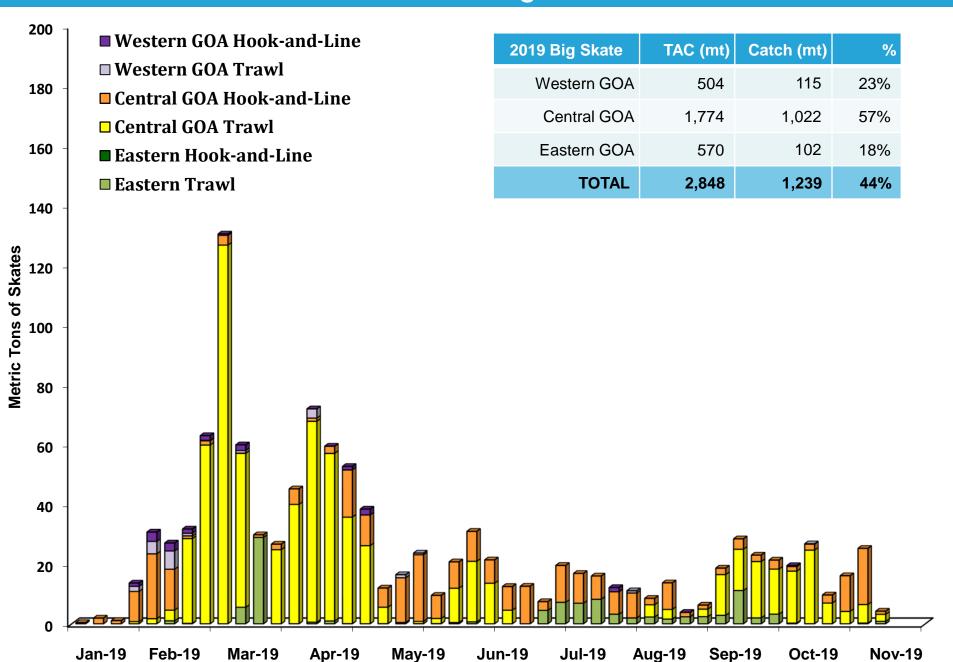


2019 Sablefish and Incidental Catch in Fixed Gear Sablefish Targets

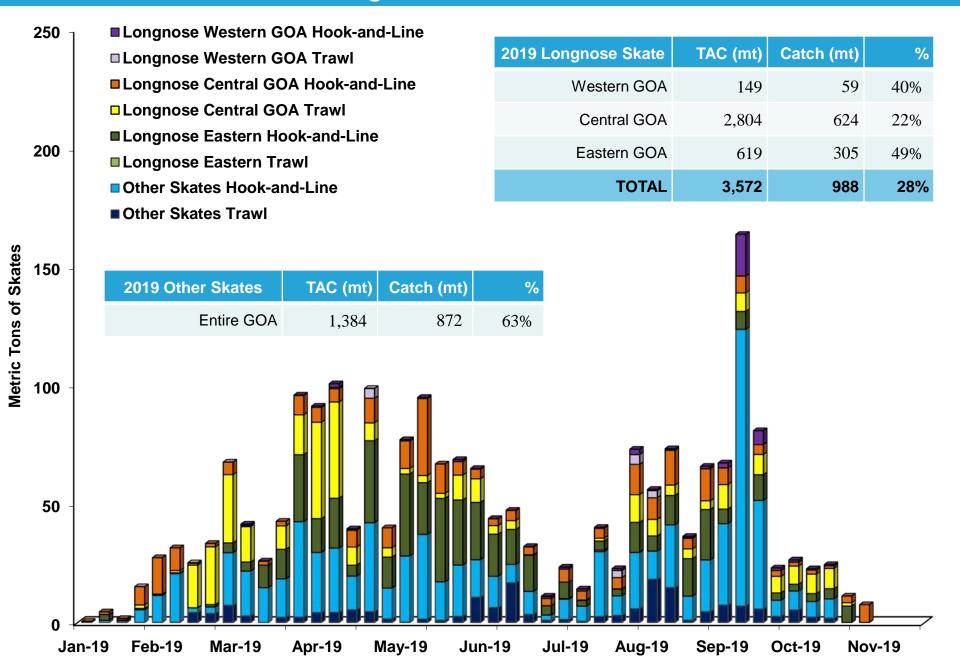


Species group categories that had less than 4% of total catch are not labeled.

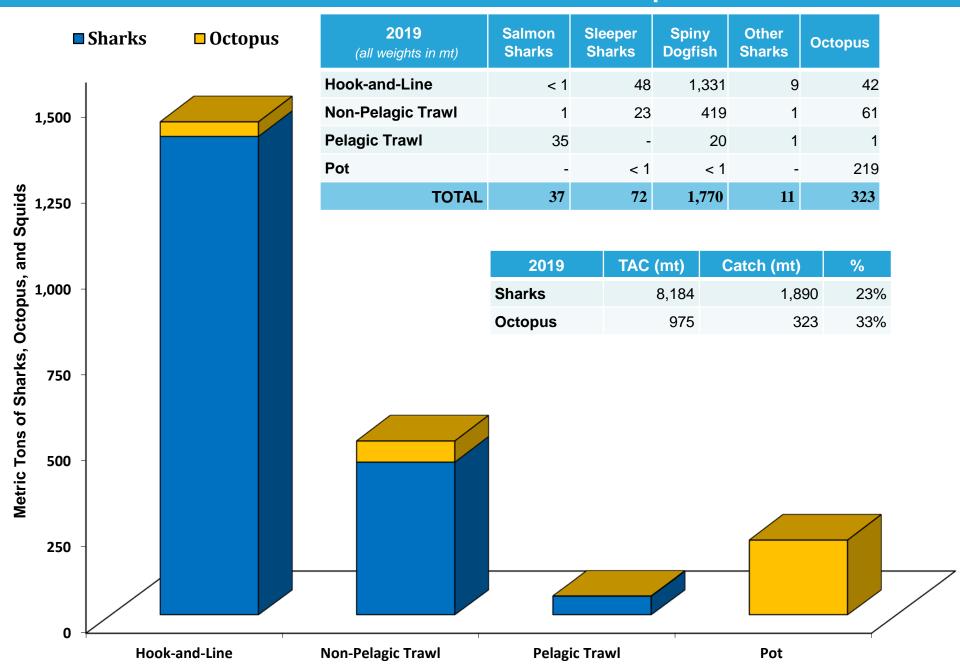
2019 GOA Big Skate



2019 GOA Longnose Skate and Other Skates



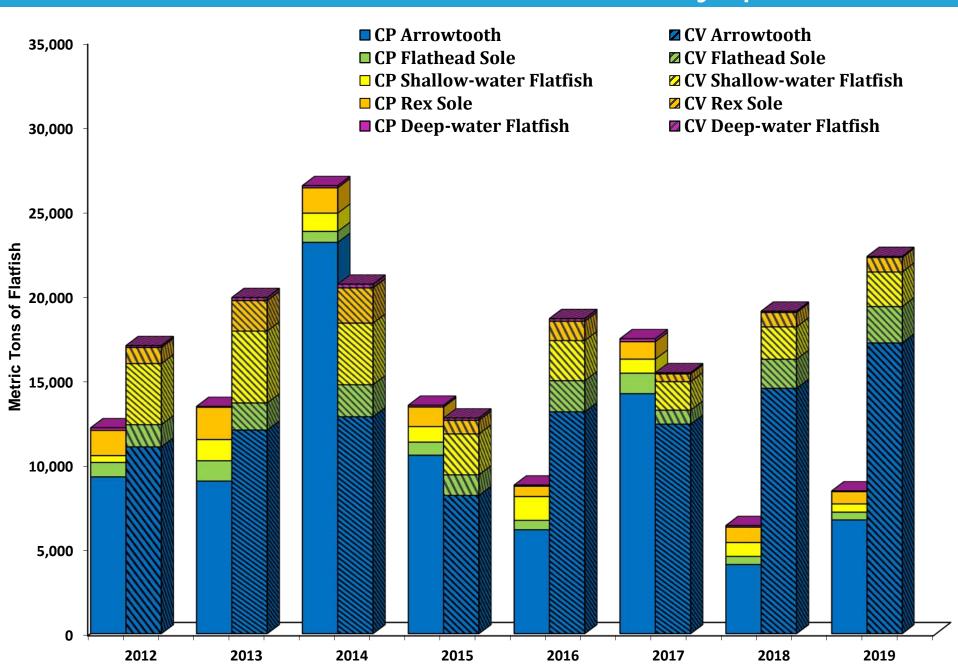
2019 GOA Sharks and Octopus



2019 GOA Groundfish Species Placed on Prohibited Species Status

2018	Date
Non-RP Sablefish by Trawl Gear in the Central GOA	April 9, 2018
Sablefish by Trawl Gear in West Yakutat District	August 14, 2018
Shortraker Rockfish in Central GOA	November 9, 2018
Pacific cod by Trawl C/Ps in the Central GOA	November 19, 2018
2019	Date
Pollock in West Yakutat District	June 21, 2019
Pacific cod by Trawl C/Ps in the Central GOA	August 22, 2019
Non-RP Sablefish by Trawl Gear in the Central GOA	August 28, 2019
Sablefish by Trawl Gear in the Western GOA	September 13, 2019
Non-RP Pacific cod by Trawl Gear in the Central GOA	October 9, 2019

2012 – 2019 GOA Trawl Flatfish Catch by Species



2019 Flatfish and Skate Catch in the GOA

Species	Area	TAC (mt)	Total Catch (mt)	%
Arrowtooth Flounder	Central	70,995	23,363	33%
Arrowtooth Flounder	Western	14,500	685	5%
	Central	15,400	2,391	16%
Flathead Sole	Western	8,650	210	2%
Rex Sole	Central	8,357	1,507	18%
	Western	2,951	74	3%
Shallow Water Flatfish	Central	25,731	2,426	9%
	Western	13,250	72	1%
Deep Water Flatfish	Central	3,443	95	3%
	Western	416	2	<1%
Big Skate	Eastern	570	101	18%
	Central	1,774	1,022	56%
	Western	504	115	23%
Longnose Skate	Eastern	619	305	49%
	Central	2,804	625	22%
	Western	149	59	40%
Other Skate	GOA	1,384	883	64%

GOA Trawl Groundfish Retained and Discards

2018 Trawl	Retained	Discarded	% Retained	2019 Trawl	Retained	Discarded	% Retained
Pollock	152,954	1,964	99%	Pollock	115,962	1,150	99%
Pacific Ocean Perch	23,563	1,161	95%	Pacific Ocean Perch	23,581	1,796	93%
Arrowtooth Flounder	17,311	1,392	93%	Arrowtooth Flounder	22,967	1,046	96%
Pacific Cod *	3,591	228	94%	Pacific Cod *	3,747	748	83%
Dusky Rockfish	2,822	51	98%	Dusky Rockfish	2,312	146	94%
Shallow-water Flatfish	2,532	201	93%	Shallow-water Flatfish	2,323	209	92%
Northern Rockfish	2,273	77	97%	Northern Rockfish	2,594	149	95%
Sablefish *	970	1,620	37%	Sablefish *	1,139	1,167	49%
Flathead Sole	2,150	45	98%	Flathead Sole	2,480	123	95%
Rex Sole	1,678	73	96%	Rex Sole	1,514	69	96%
Atka Mackerel	1,387	51	96%	Atka Mackerel	1,124	129	90%
Skates	760	480	61%	Skates	898	383	70%
Other Rockfish	763	240	76%	Other Rockfish	417	300	58%
Other Species	47	453	9%	Other Species	69	493	12%
Rougheye Rockfish	340	121	74%	Rougheye Rockfish	455	12	97%
Thornyhead Rockfish	424	61	87%	Thornyhead Rockfish	294	17	95%
Shortraker Rockfish *	248	76	77%	Shortraker Rockfish	266	35	88%
Sculpins	12	206	6%	Sculpins	10	324	3%
Deep-water Flatfish	89	81	52%	Deep-water Flatfish	31	68	32%
TOTAL	213,914	8,580	96%	TOTAL	182,183	8,364	96%

Sorted by 2019 Total catch; * prohibited retention of that species in that year

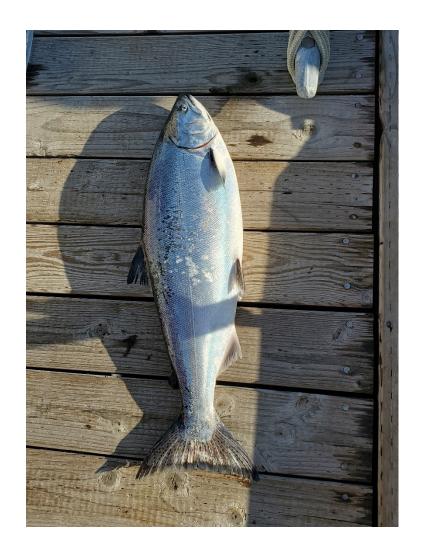
GOA Fixed Gear Groundfish Retained and Discards

2018 Hook-and-Line	Retained	Discarded	% Retained	2019 Hook-and-Line	Retained	Discarded	% Retained
Sablefish	7,759	596	93%	Sablefish	7,198	632	92%
Pacific Cod	2,633	415	86%	Pacific Cod	2,439	256	90%
Skates	88	1,715	5%	Skates	108	1,726	6%
Sharks	0	2,924	0%	Sharks	1	1,388	0%
Thornyhead	509	197	72%	Thornyhead	390	78	83%
Shortraker Rockfish	87	350	20%	Shortraker Rockfish	111	297	27%
Rougheye Rockfish	95	195	33%	Rougheye Rockfish	99	171	37%
Other Rockfish	72	168	30%	Sculpins	0	244	0%
Sculpins	0	476	0%	Other Rockfish	81	134	38%
Demersal Shelf Rockfish	123	6	95%	Arrowtooth Flounder	9	135	6%
Arrowtooth Flounder	7	159	4%	Demersal Shelf Rockfish	120	5	96%
Other Species	30	80	27%	Other Species	15	78	16%
TOTAL	11,405	7,282	61%	TOTAL	10,571	5,143	67%
2018 Pot	Retained	Discarded	% Retained	2019 Pot	Retained	Discarded	% Retained
Pacific Cod	3,990	24	99%	Pacific Cod	3,693	28	99%
Sablefish	1,094	28	97%	Sablefish	1,876	713	72%
Octopus	139	7	95%	Octopus	183	36	83%
Other Species	38	45	46%	Other Species	51	56	48%
TOTAL	5,262	104	98%	TOTAL	5,802	833	87%

2019 GOA Salmon, Crab, and Herring PSC

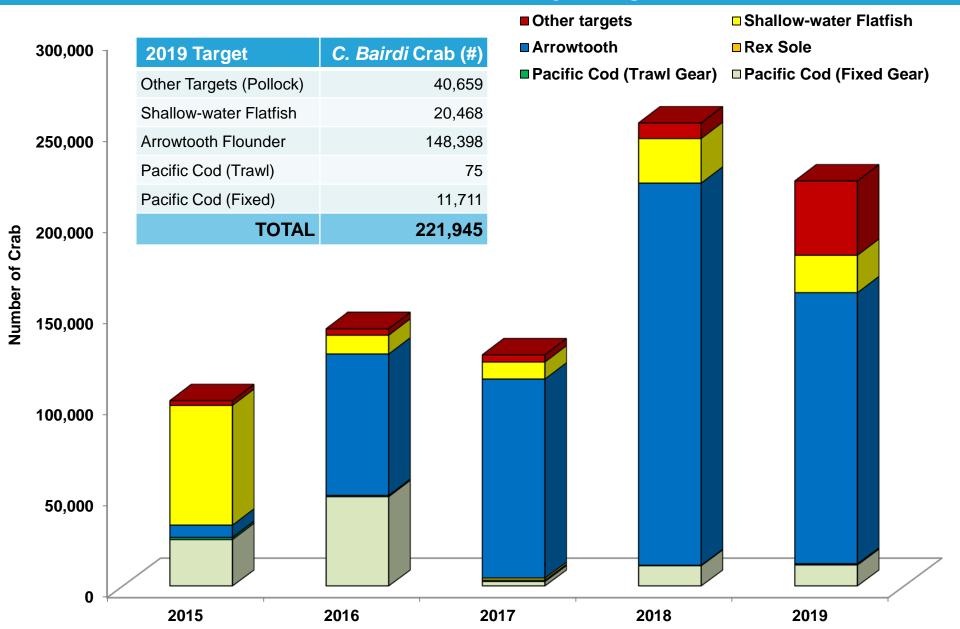
Chinook Salmon	Total Catch	Limit *	%
Pollock Western GOA (#)	11,424	6,684	170%
Pollock Central GOA (#)	7,092	18,316	39%
Pollock 640 (#)	140	0	na
Catcher Vessel Non-pollock / Non-Rockfish Program (#)	2,515	3,060	61%
Catcher Vessel Rockfish Program (#)	297	1,200	57%
Catcher Processors (#)	0	4,080	1%
Non-trawl Gear (#)	17	0	na
TOTAL (#)	21,485	33,340	64%

Other PSC Species	2018	2019
Non-Chinook Salmon (#)	9,138	6,807
Trawl Bairdi Tanner (#)	242,182	209,875
Fixed Gear Bairdi Tanner (#)	11,484	12,069
Red King Crab (#)	17	0
Golden King Crab (#)	476	545
Herring (mt)	43	80

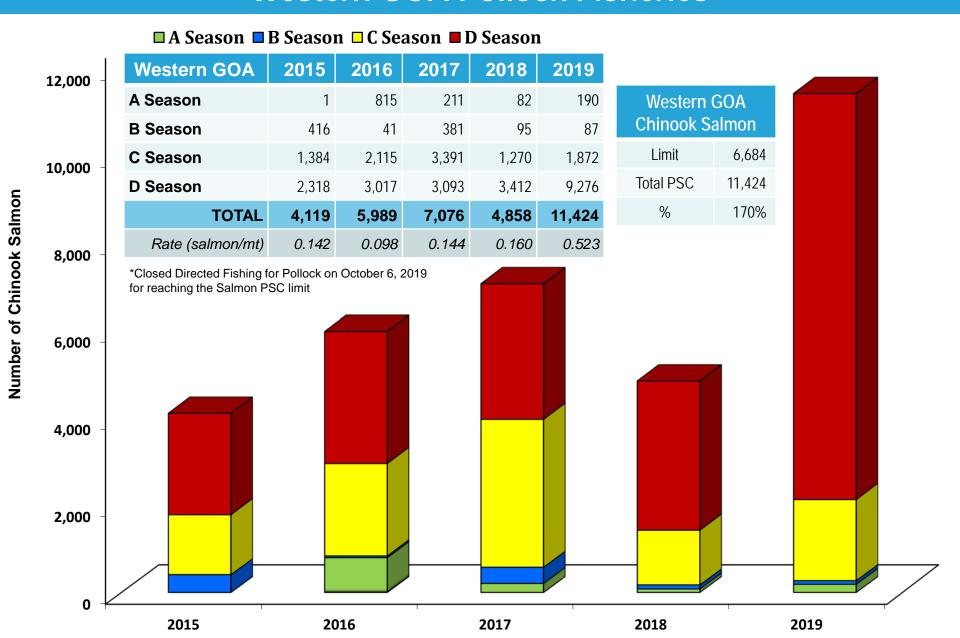


Crab and Salmon PSC is reported in number of animals
Herring PSC is reported in Metric tons

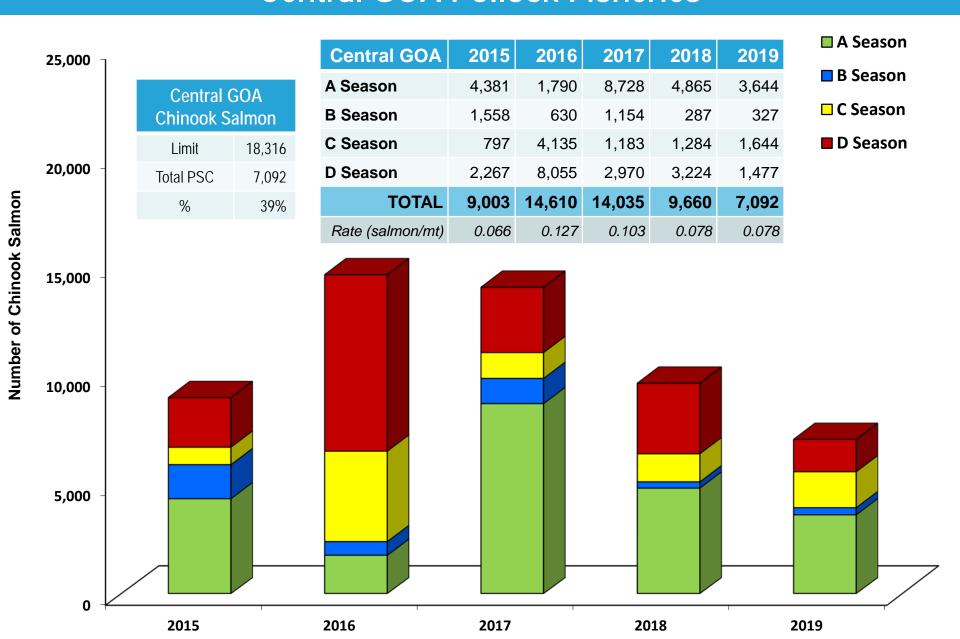
2015 – 2019 GOA *C. Bairdi* Tanner Crab Incidental Catch by Target



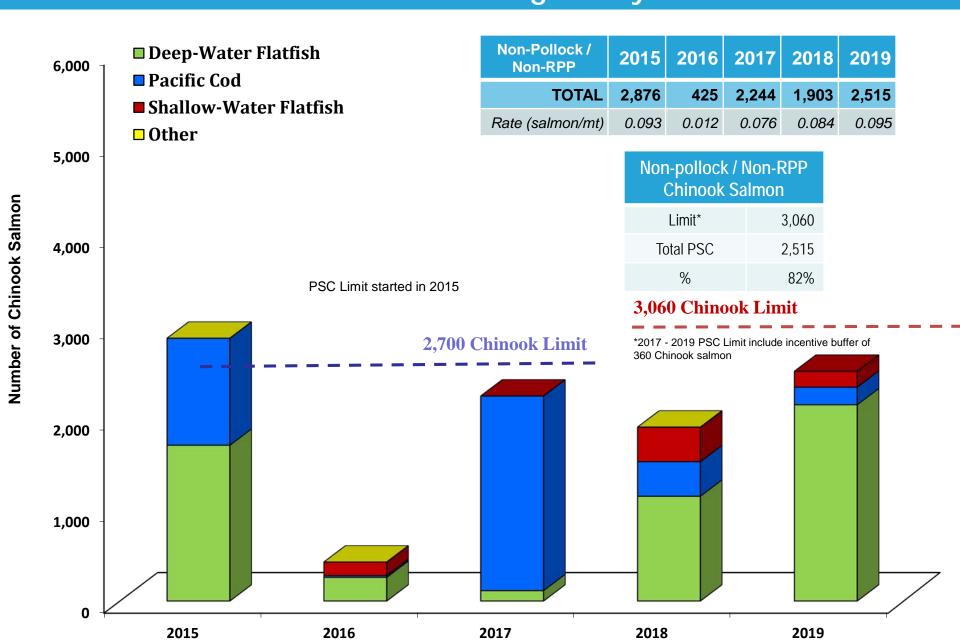
2015 – 2019 Chinook Salmon PSC in Western GOA Pollock Fisheries



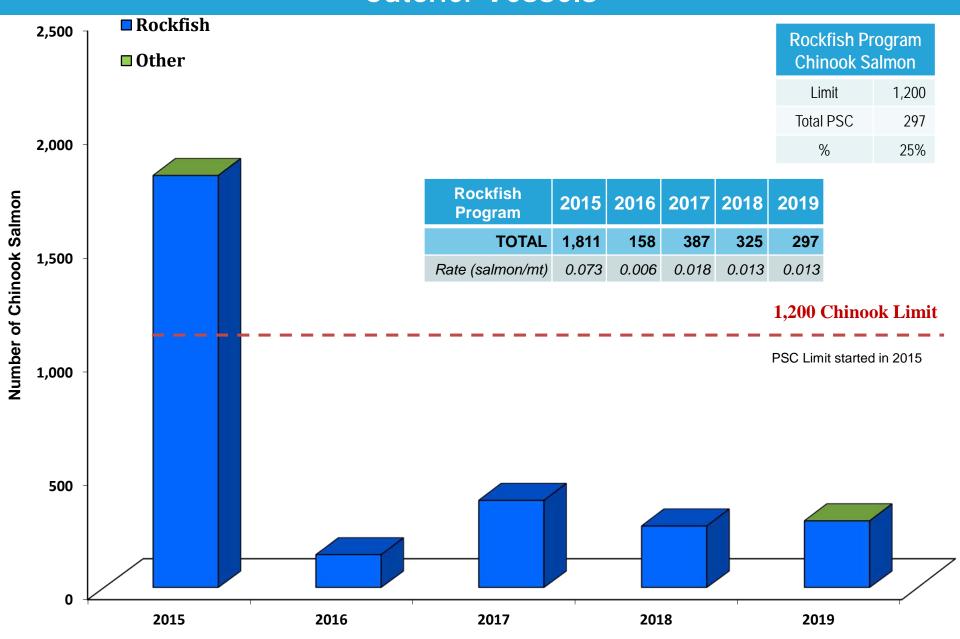
2015 – 2019 Chinook Salmon PSC in Central GOA Pollock Fisheries



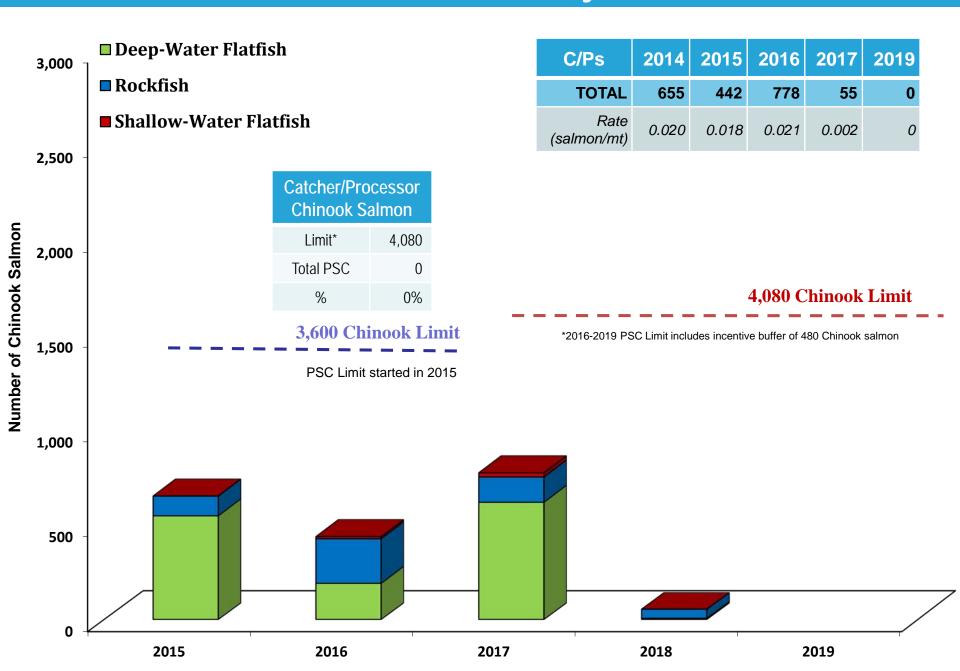
2015 – 2019 Chinook Salmon PSC in Non-Pollock / Non-Rockfish Program by Catcher Vessels



2015 – 2019 Chinook Salmon PSC in Rockfish Program by Catcher Vessels



2015 – 2019 Chinook Salmon PSC by Catcher/Processors



2019 GOA Halibut Catch

Hook-and-Line Halibut (mt)	Retained	Discard*	% Discarded	Mortality**	Limit	%
IFQ Halibut Fishery	7,378	5,020	40%	803	na	na
IFQ Sablefish Fishery	851	1,138	57%	165	na	na
Pacific Cod \ Other Targets	12	391	91%	64	257	25%
TOTAL	8,241	6,549	79%	1,032	na	na



All Catch, retained and discarded is in round weight metric tons

* Halibut discards are based on best available information collected by the North Pacific Observer program. Methods used by observers may overestimate total discards because average weights contain both retained and discarded halibut.

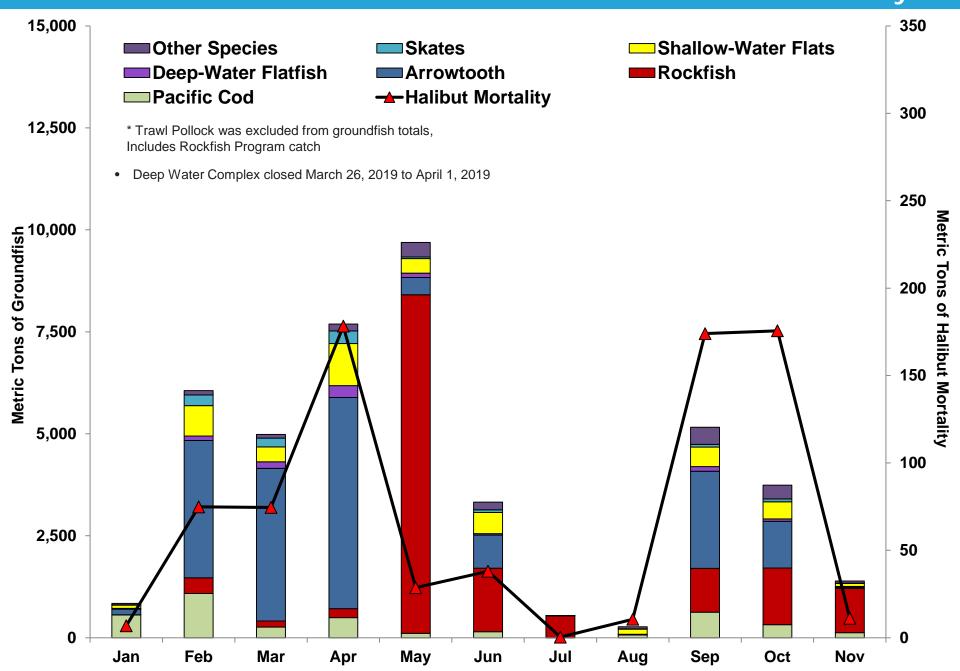
**Halibut Mortality rate in IFQ Halibut is 16%,

Gilroy, H.L. 2012. Incidental mortality of halibut in the commercial halibut fishery (Wastage). Int. Pac. Halibut Comm. Report of Assessment and Research Activities

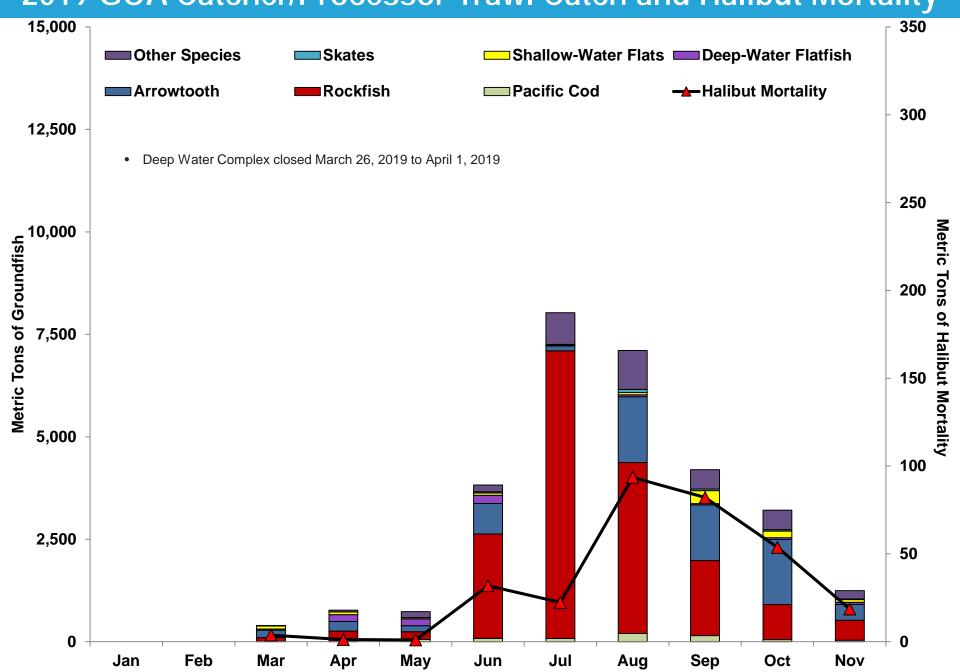
IFQ Sablefish and Pacific cod halibut mortality rate is 11% for HAL CPs, 21% for HAL CVs, and 4% for Pot CPs and CVs.

Trawl Halibut (mt)	Total Discard	Mortality	Mortality Limit	%	
Pollock	256	175			
Pacific Cod	18	12		64%	
Rockfish \ Sablefish	81	75	1 70/		
Arrowtooth Flounder	900	717	1,706		
Deep Water Flatfish	5	5			
Shallow Water Flatfish	156	105			
TOTAL	1,570	1,089	1,706	64%	

2019 GOA Catcher Vessel Trawl Catch and Halibut Mortality



2019 GOA Catcher/Processor Trawl Catch and Halibut Mortality



2019 Trawl Halibut Mortality

	Season	Start Date	End Date	Limit (mt)	Total Mortality (mt)	%
	1	Jan 20	Apr 1	141	141	100%
Deep Water Species	2	Apr 1	Jul 1	226	226	100%
	3	Jul 1	Sep 1	607	14	2%
	4	Sep 1	Sep 30	75	257	n/a
			TOTAL	1,049	638	61%
	Season					
	1	Jan 20	Apr 1	19	19	100%
Challau Water Chasica	2	Apr 1	Jul 1	42	42	100%
Shallow Water Species	3	Jul 1	Sep 1	287	0	0%
	4	Sep 1	Sep 30	53	119	n/a
			TOTAL	401	180	45%
Ro	ckfish Prog	ram		191	53	27%
Season 5 Halibut Allocation		Oct 1	Dec 31	256	266	NA
TOTAL Halibut Mortality				1,706	1,089	64%

2019 GOA Reduction in Halibut Mortality Compared to 5 year Average

Sector	2014-2018 Average (mt)	2019** (mt)	% Change (mt)	2014-2018 Rate*	2019 Rate*	% Change in rate
Hook-and-line						
Catcher/Processors	60	20	-67%	9.84	11.84	20%
Catcher Vessels	115	44	-62%	19.83	22.17	12%
Total	175	63	-64%	14.66	17.44	19%
Trawl Catcher Vessels						
Central GOA Catcher Vessels (NPT)	886	741	-16%	21.59	20.03	-7%
Western GOA Catcher Vessels (NPT)	55	18	-68%	8.79	8.21	-7%
Pelagic Trawl Catcher Vessels	16	14	-9%	0.09	0.11	23%
Total	956	773	-19%	4.49	4.74	5%
Trawl Catcher/Processors						
Total	348	317	-9%	9.48	10.41	10%
All Sectors						
TOTAL	1,480	1,153	-22%	5.65	5.85	3%

^{*} Rate is kg of halibut / mt of groundfish

2019 GOA Reduction in Halibut Mortality Compared to 2018

Sector	2018 (mt)	2019 ** (mt)	% Change (mt)	2018 Rate*	2019 Rate*	% Change in rate
Hook-and-line						
Catcher/Processors	10	20	89%	6.03	11.84	96%
Catcher Vessels	42	44	3%	19.72	22.17	12%
Total	53	63	20%	13.62	17.44	28%
Trawl Catcher Vessels						
Central GOA Catcher Vessels (NPT)	907	741	-18%	25.51	20.03	-21%
Western GOA Catcher Vessels (NPT)	32	18	-46%	12.23	8.21	-33%
Pelagic Trawl Catcher Vessels	38	14	-62%	0.24	0.11	-52%
Total	977	773	-21%	4.94	4.74	-4%
Trawl Catcher/Processors						
Total	186	317	70%	6.62	10.41	57%
All Sectors						
TOTAL	1,216	1,153	-5%	5.30	5.85	10%

^{*} Rate is kg of halibut / mt of groundfish