



NOAA
FISHERIES

Alaska Region

BSAI Inseason Management Report

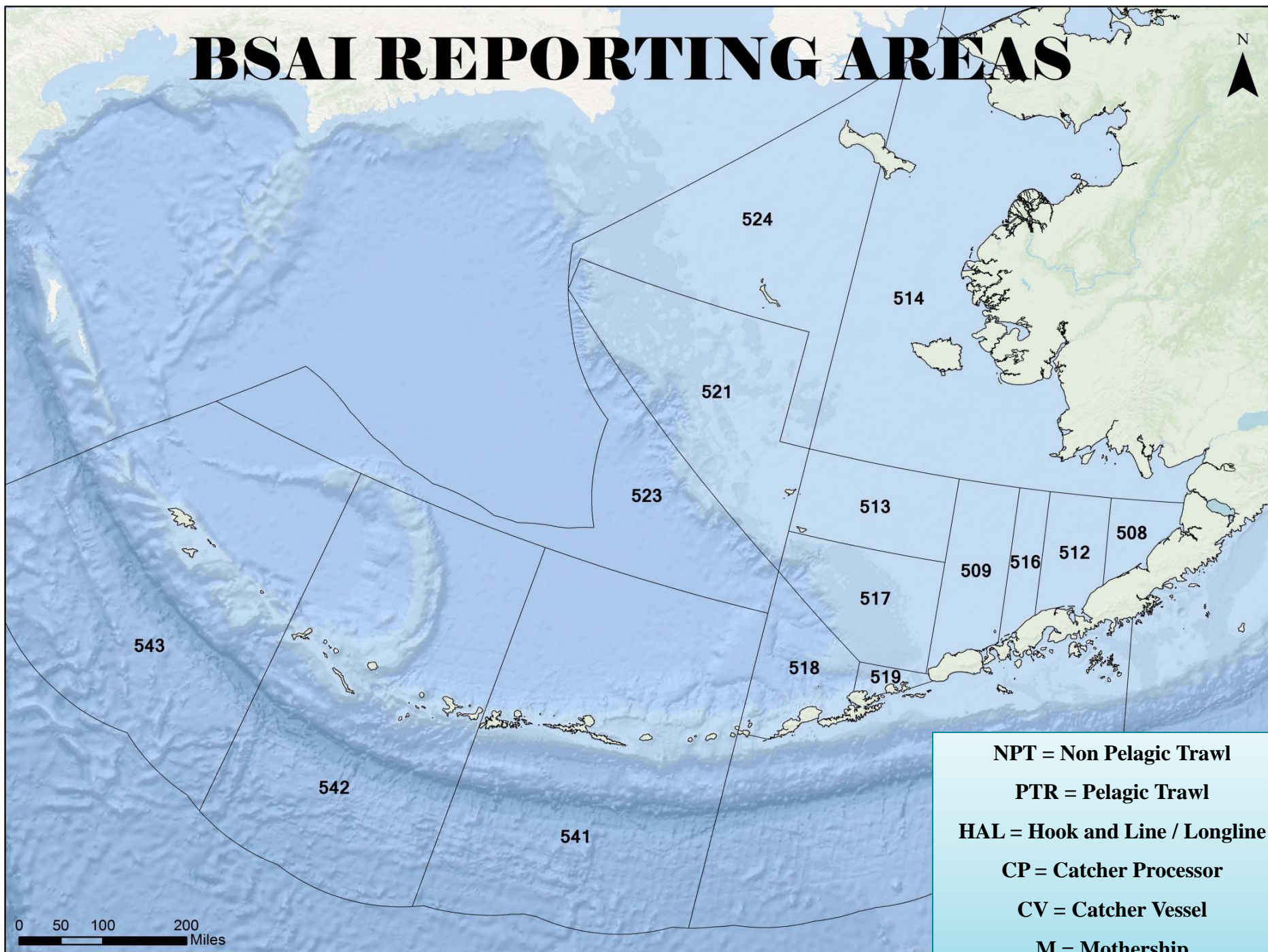
December 2016

Catch data are through November 12, 2016

Management reports can be found at:
<https://alaskafisheries.noaa.gov/fisheries-data-reports?tid=286>

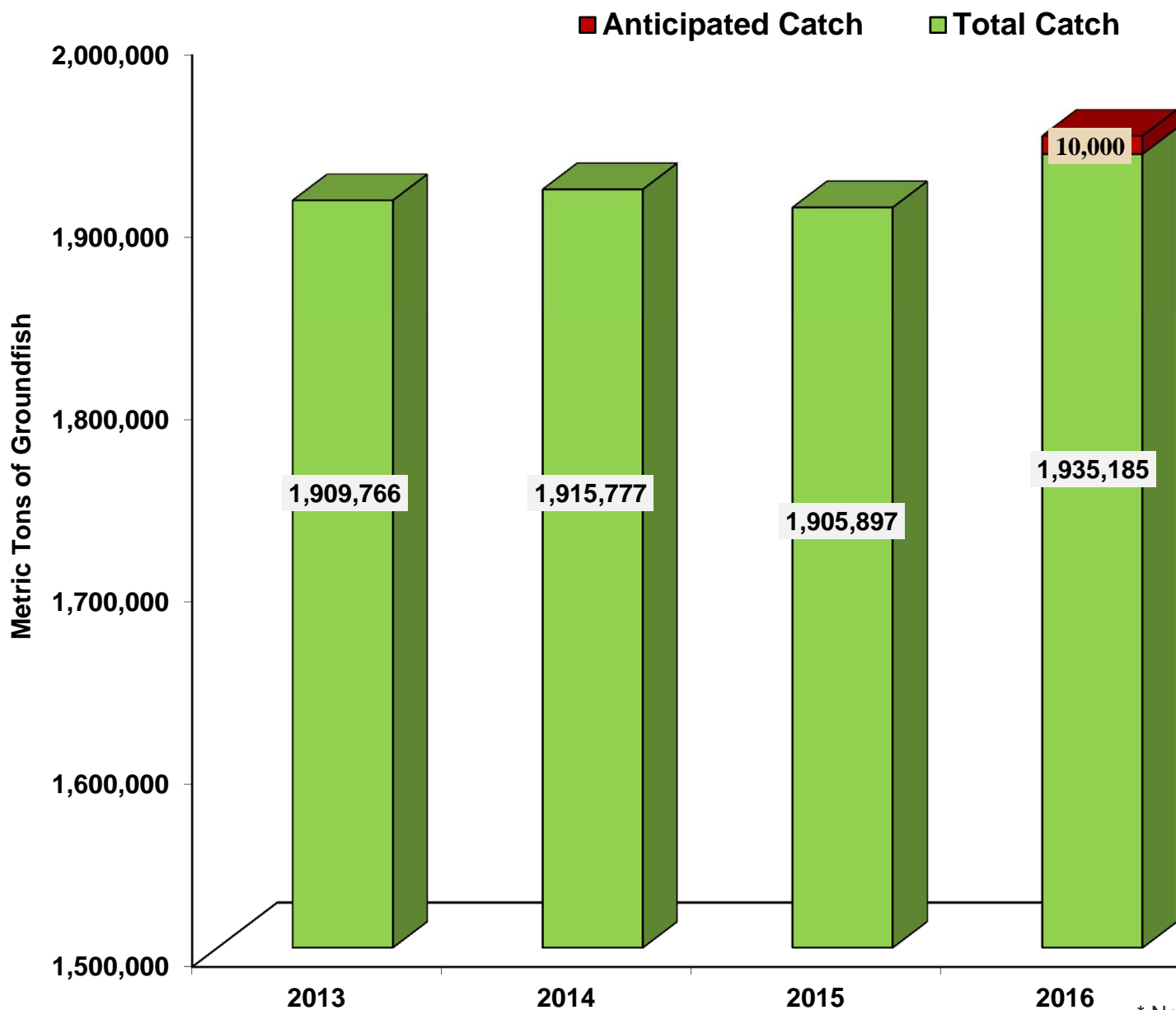
Report Prepared by:
Josh Keaton
November 2016

BSAI REPORTING AREAS



NPT = Non Pelagic Trawl
PTR = Pelagic Trawl
HAL = Hook and Line / Longline
CP = Catcher Processor
CV = Catcher Vessel
M = Mothership

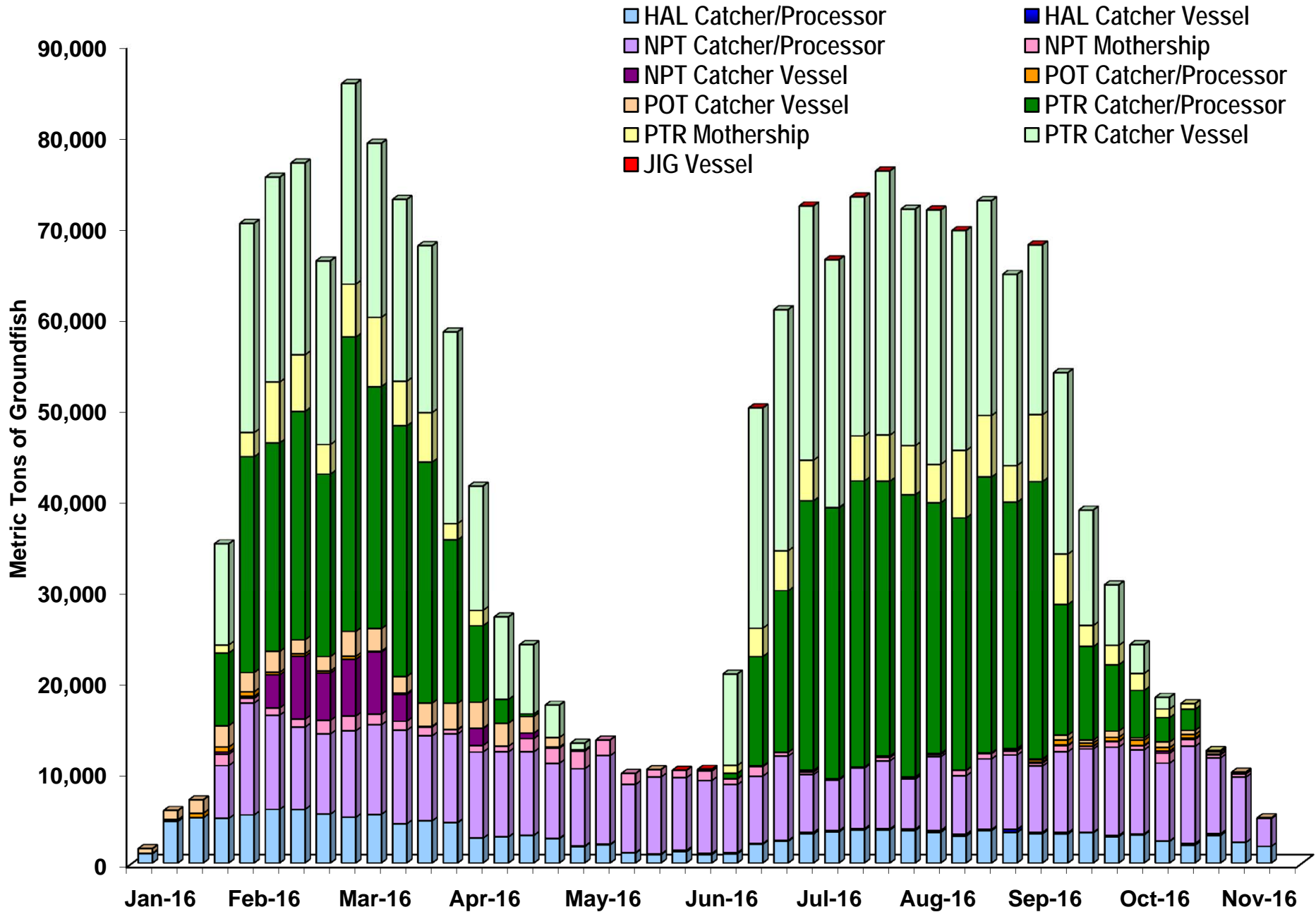
2013-2016 BSAI Total Catch



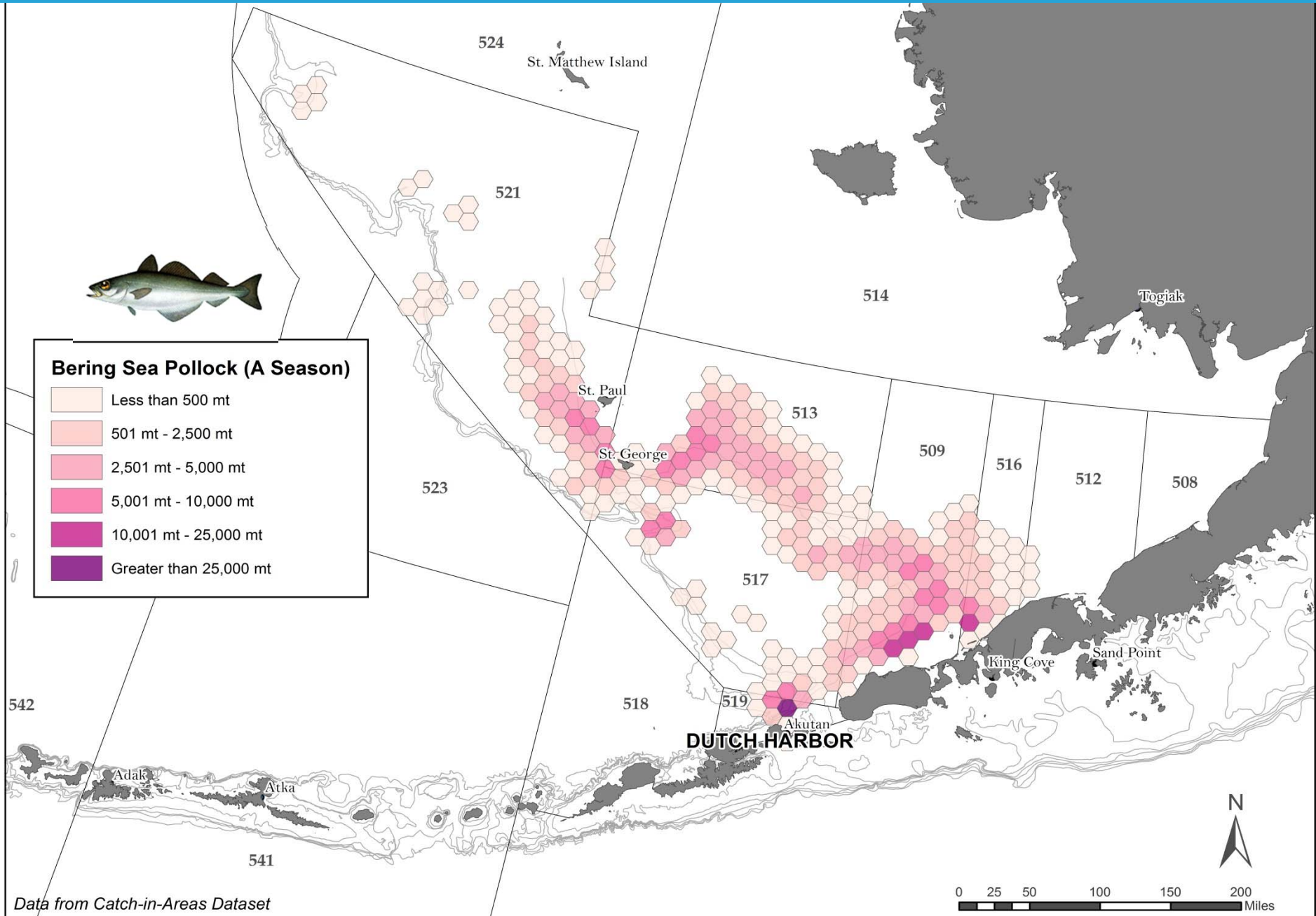
2013 TAC	2,000,000
Total Catch	1,909,766
Remaining TAC	90,234
2014 TAC *	1,998,351
Total Catch	1,915,777
Remaining TAC	82,574
2015 TAC	2,000,000
Total Catch	1,905,897
TAC Left	94,103
2016 TAC	2,000,000
Total Catch	1,935,185
Projected Catch	10,000
Total Catch with Projected Catch	1,945,185
TAC Left	52,539

* Non-specified reserves not all released

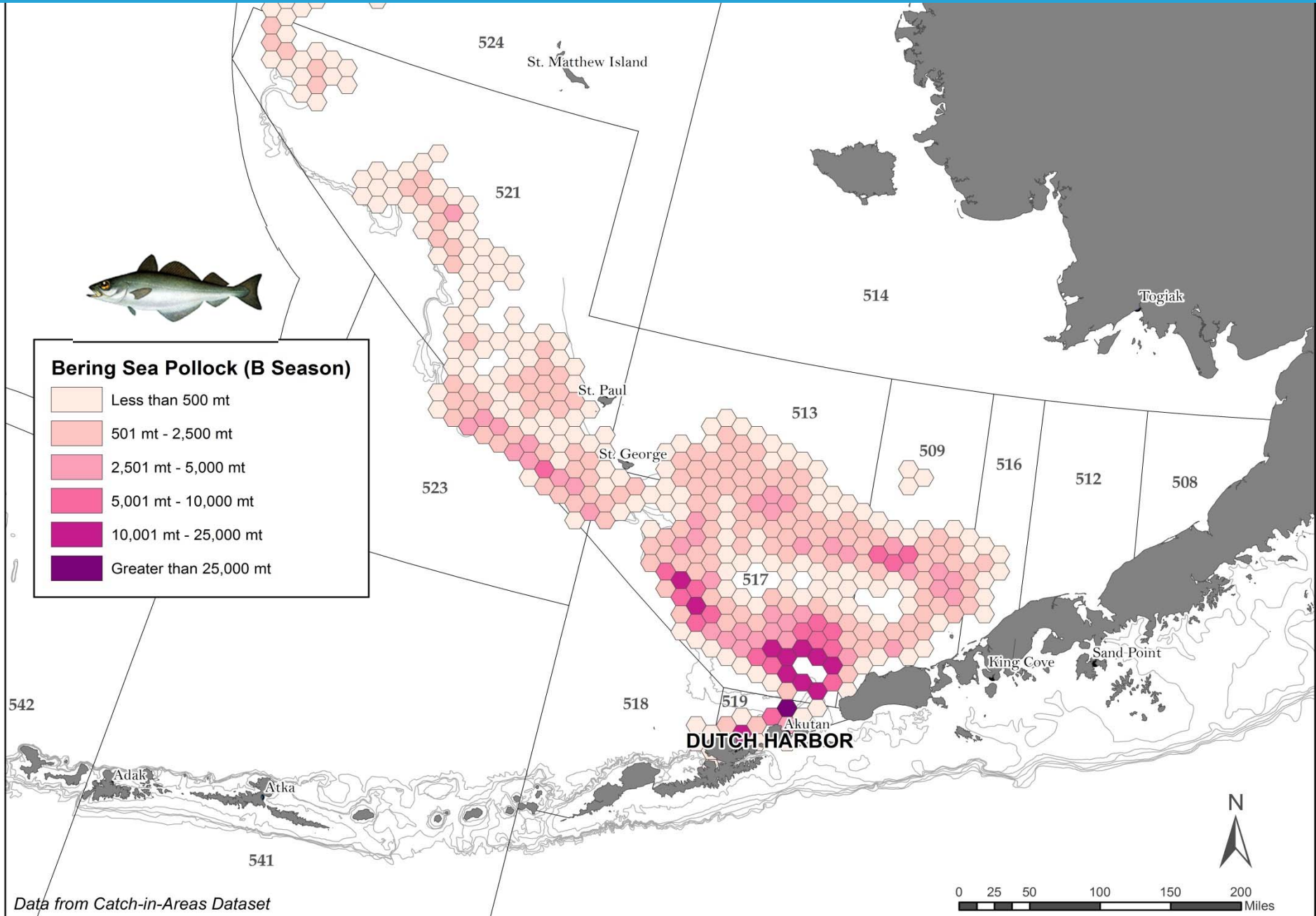
2016 BSAI Total Groundfish Catch by Gear & Sector



2016 A Season Bering Sea Pollock Directed Fishery

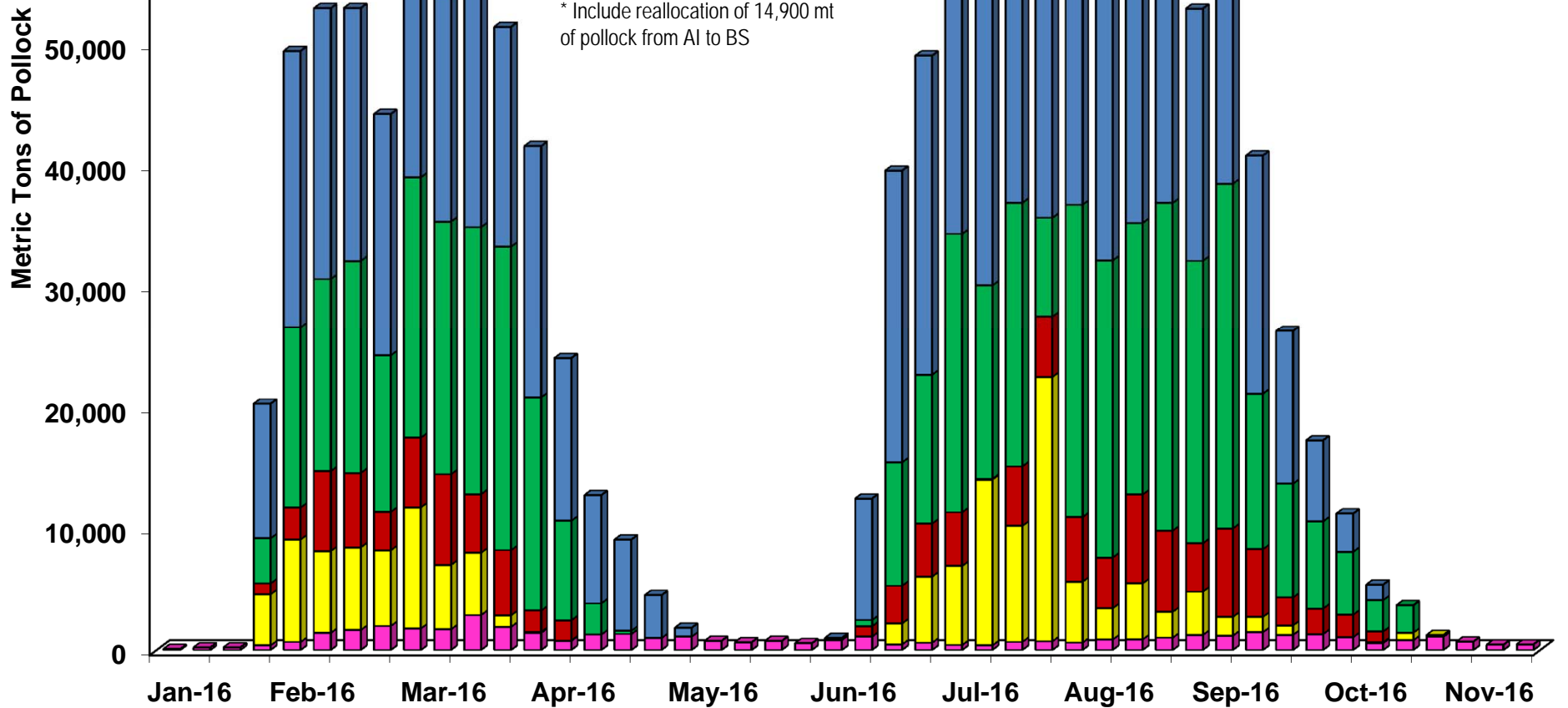


2016 B Season Bering Sea Pollock Directed Fishery

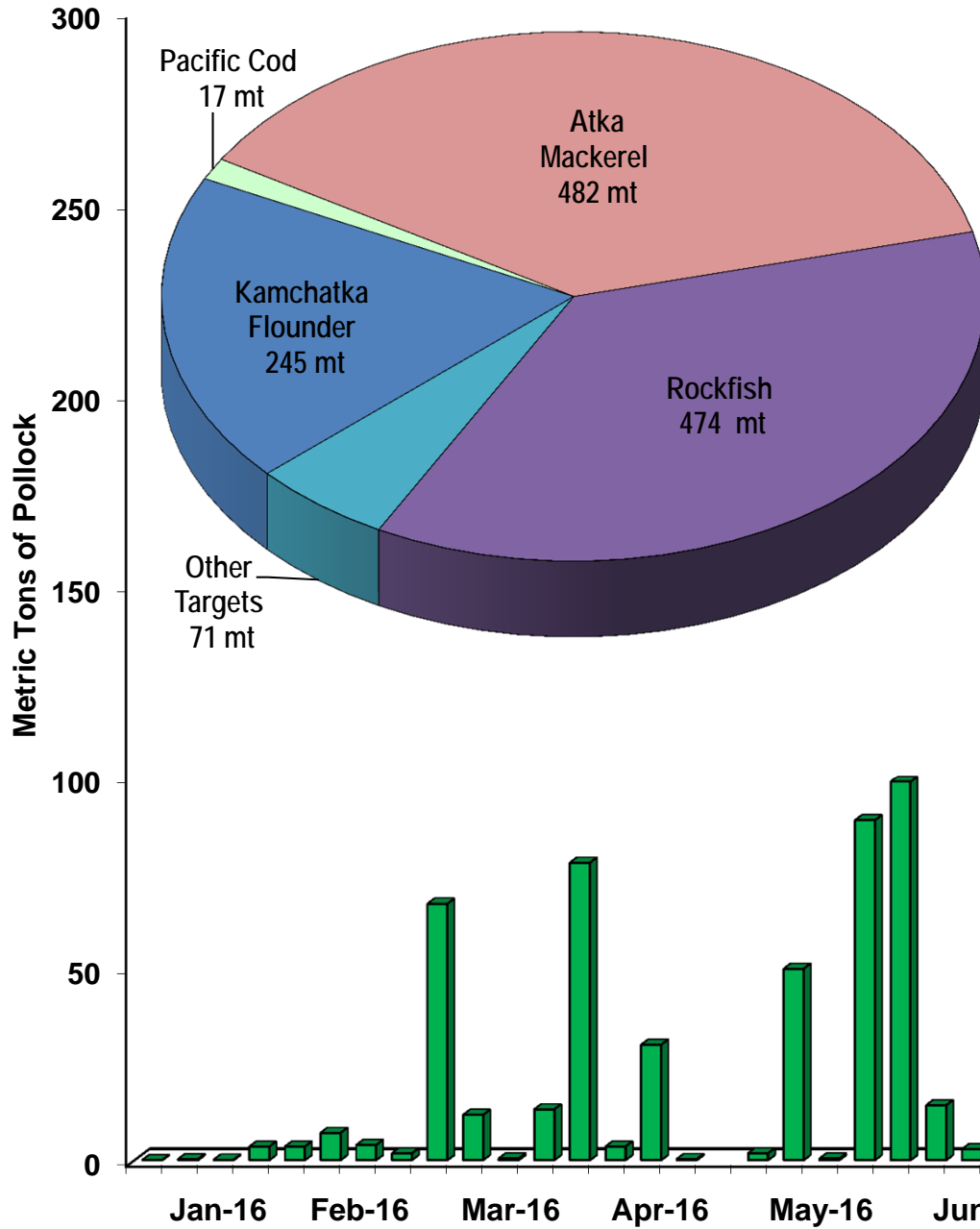


2016 Bering Sea Pollock Catch by Week and Sector

	2016	TAC (mt)	Catch (mt)	%
80,000	Inshore *	585,379	584,566	100%
	Catcher/Processor *	468,304	467,921	100%
70,000	Mothership *	117,076	117,051	100%
	CDQ *	135,900	135,688	100%
60,000	Incidental Catch	48,740	44,499	91%
	TOTAL	1,355,399	1,349,725	100%

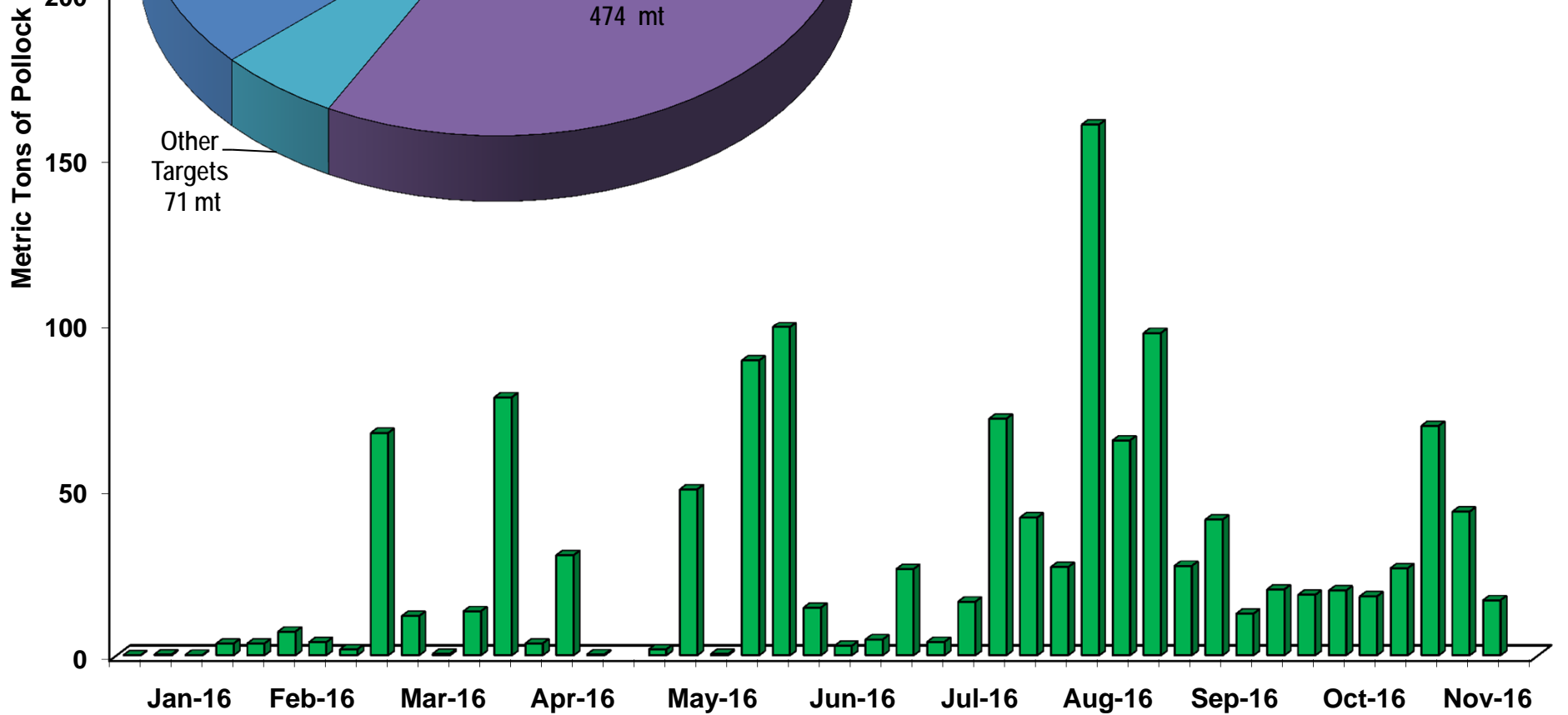


2016 Aleutian Islands Pollock Catch by Week and Sector

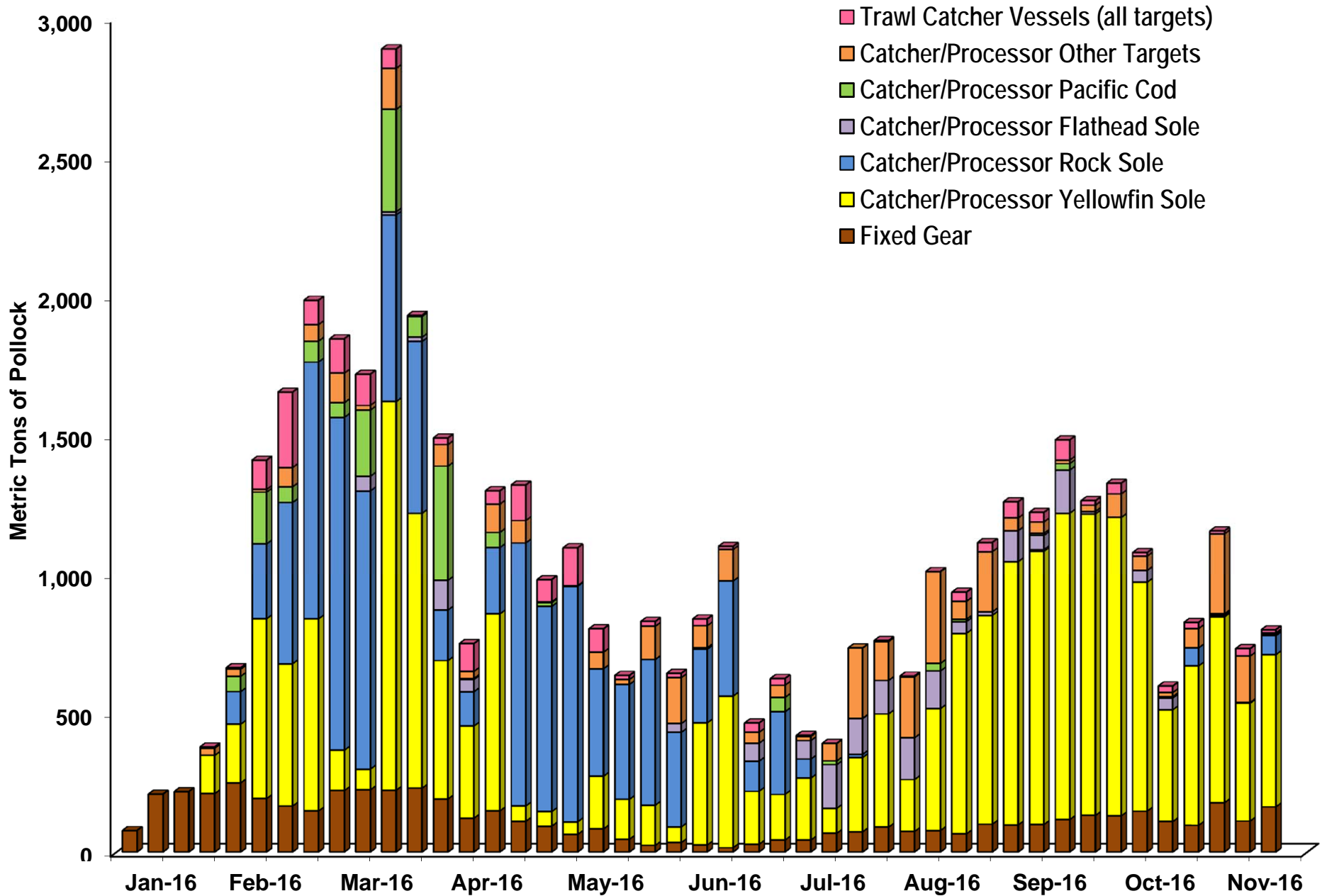


2016	TAC (mt)	Catch (mt)	%
Pollock *	1,701	0	0%
Pollock CDQ *	0	0	0%
Pollock ICA	2,400	1,288	54%
TOTAL	1,355,399	1,349,725	100%

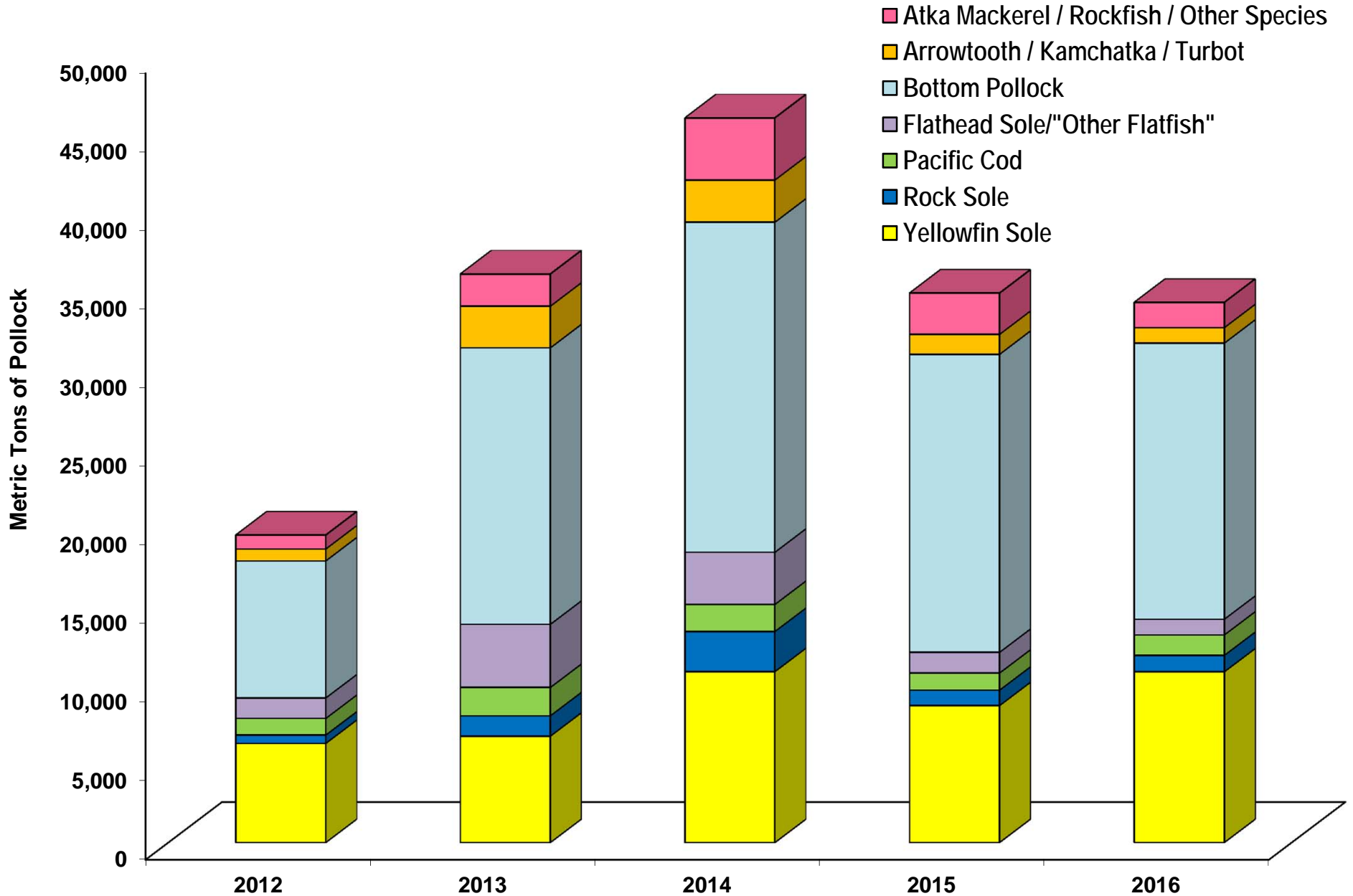
* Reallocated 14,900 metric tons of pollock from Aleutian Islands



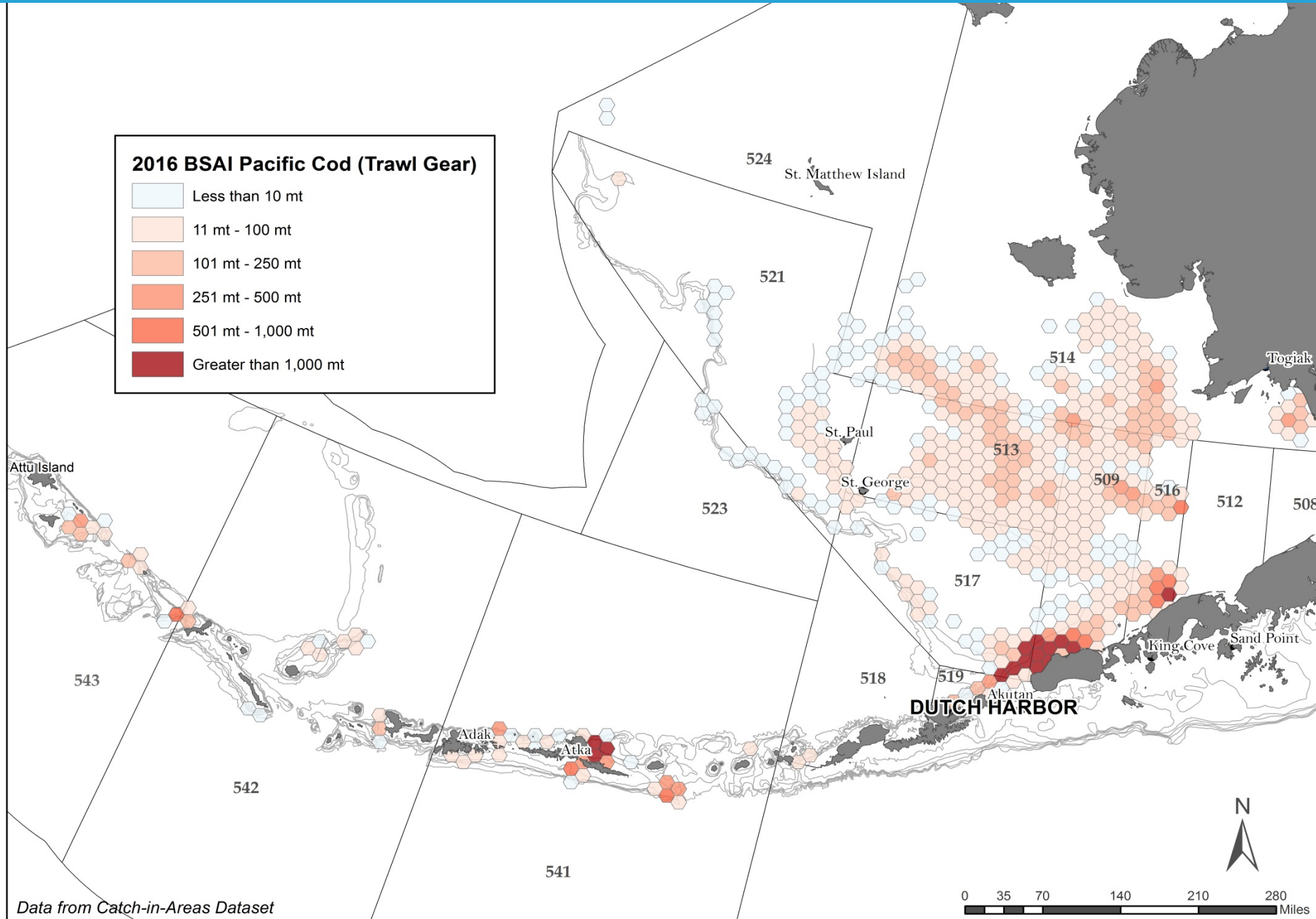
2016 Bering Sea Pollock ICA Catch by Week and Sector



2016 Amendment 80 Incidental Catch of Pollock by Year and Target

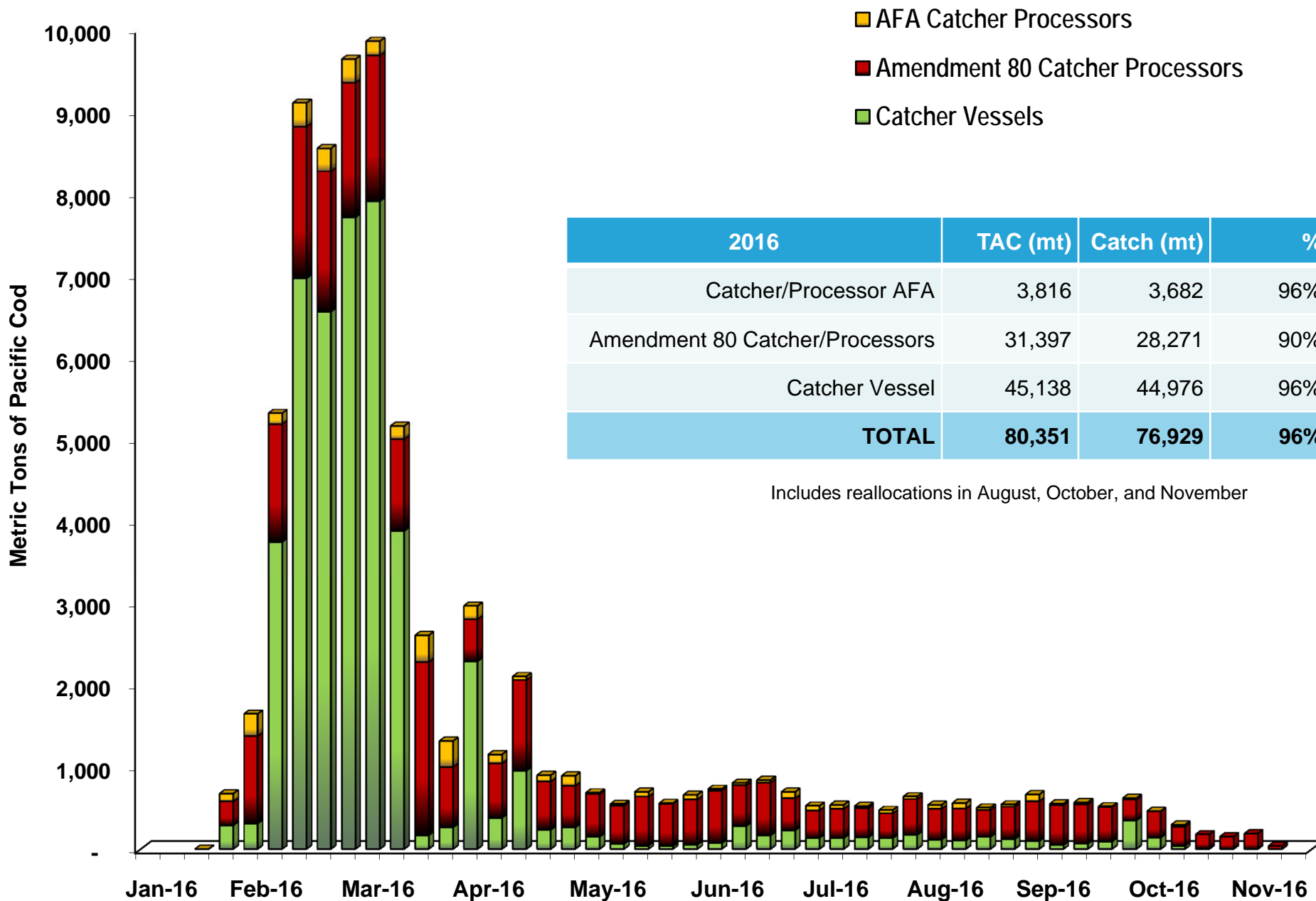


2016 Pacific Cod Catch by Trawl Gear

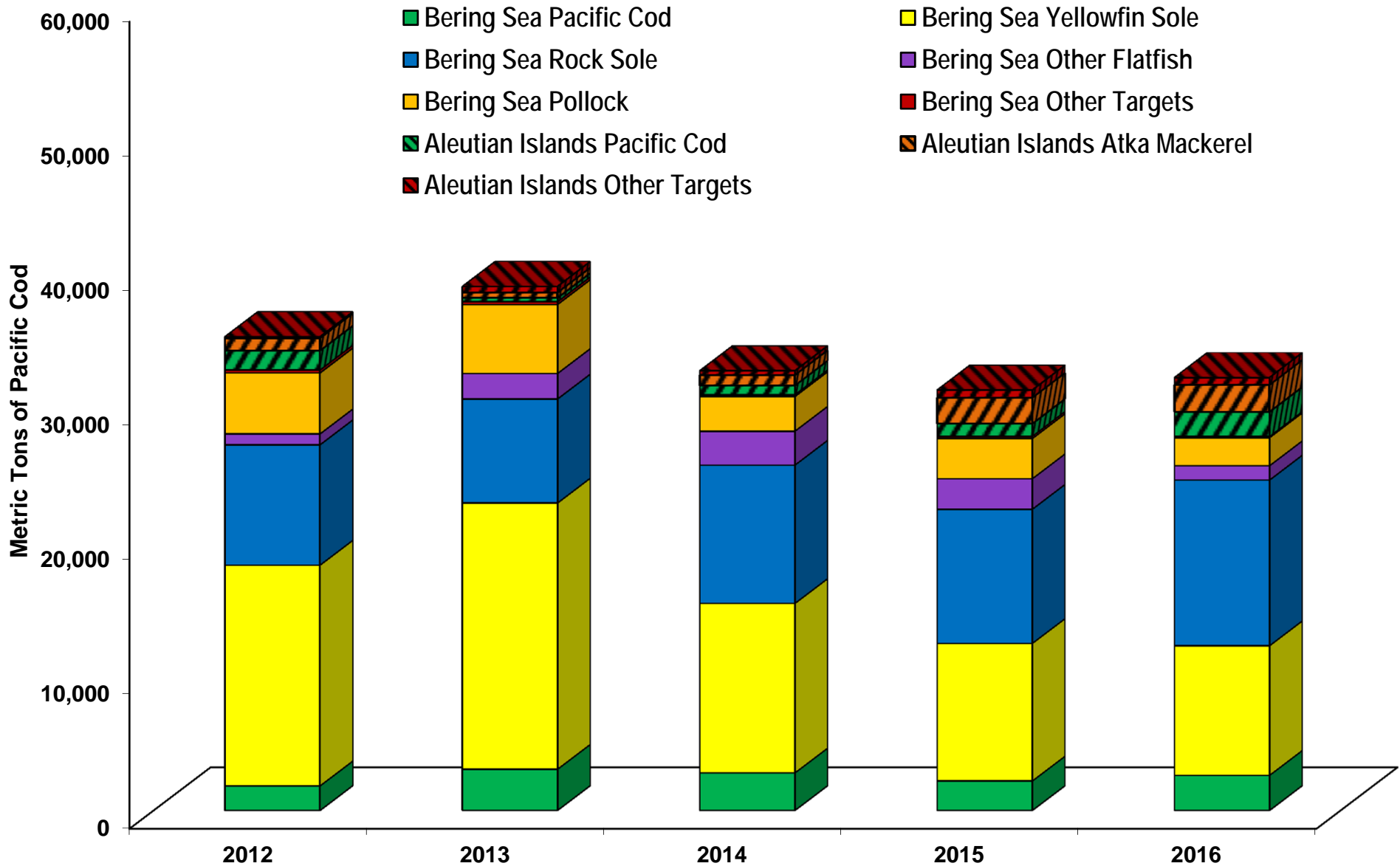


Data from Catch-in-Areas Dataset

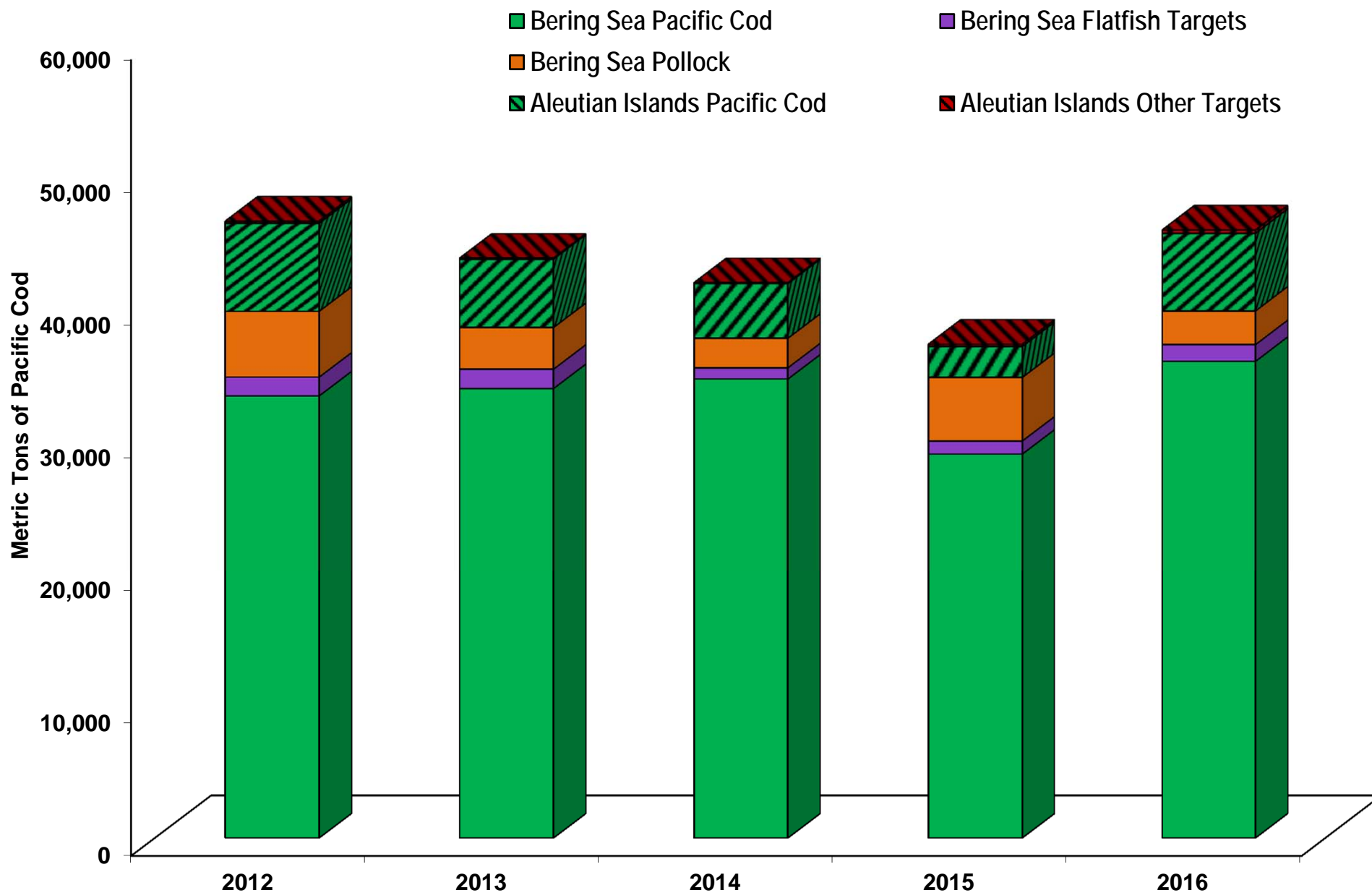
2016 BSAI Trawl Pacific Cod Catch



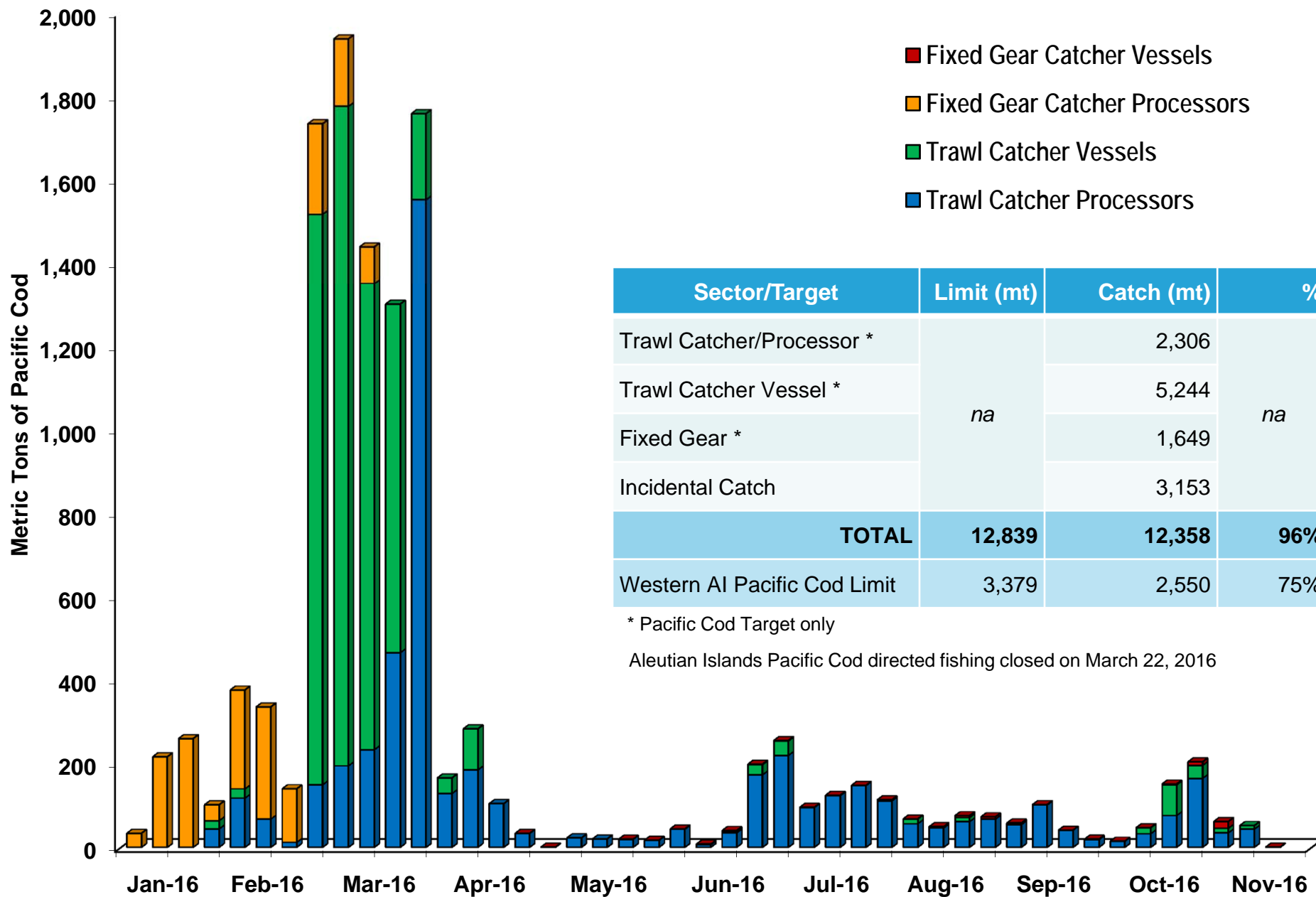
2016 BSAI Trawl Catcher/Processor Pacific Cod Catch by Target



2016 BSAI Trawl Catcher Vessel Pacific Cod Catch by Target



2016 Aleutian Islands Pacific Cod Catch by Sector and Target

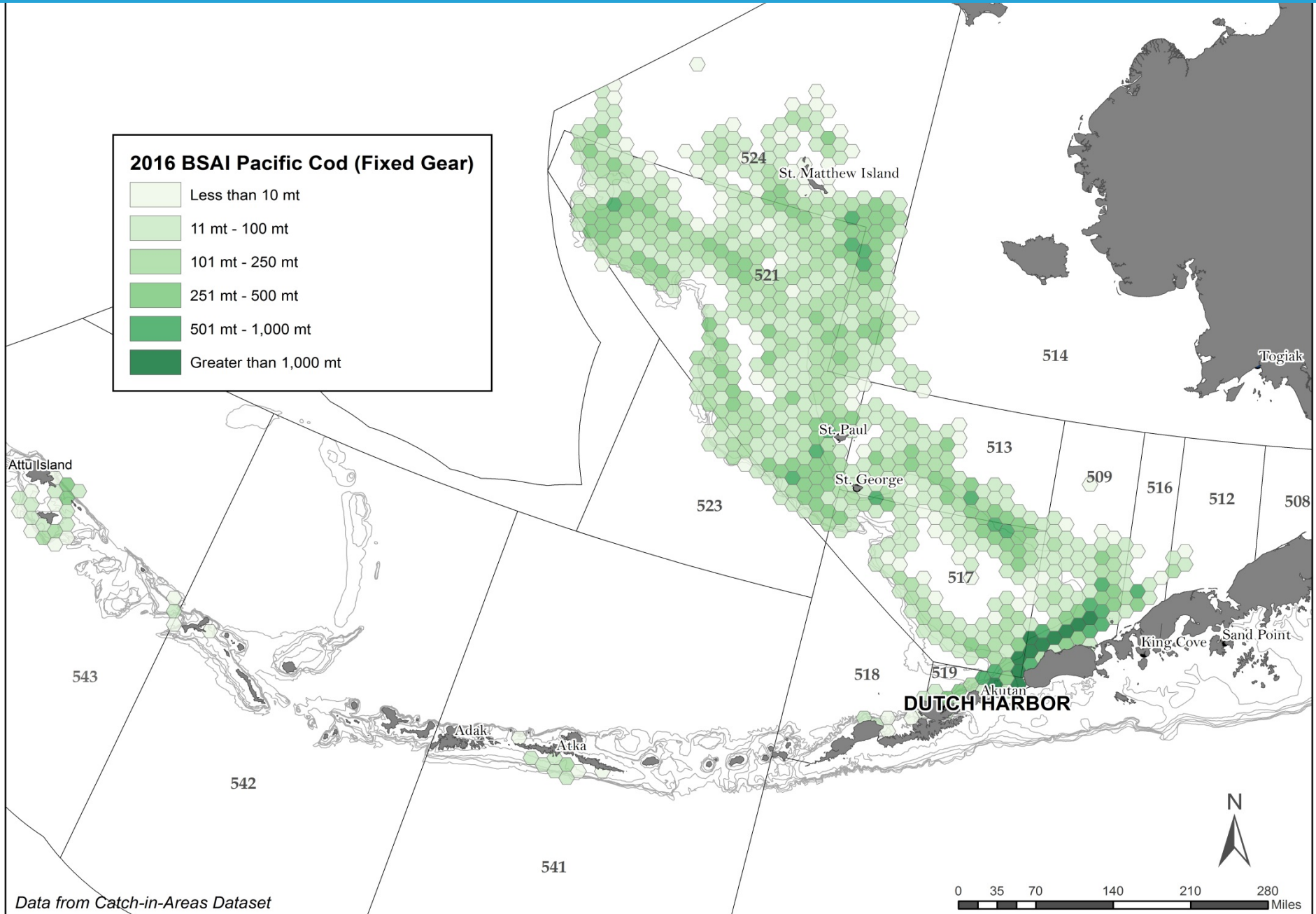


Sector/Target	Limit (mt)	Catch (mt)	%
Trawl Catcher/Processor *	na	2,306	na
Trawl Catcher Vessel *		5,244	
Fixed Gear *		1,649	
Incidental Catch		3,153	
TOTAL	12,839	12,358	96%
Western AI Pacific Cod Limit	3,379	2,550	75%

* Pacific Cod Target only

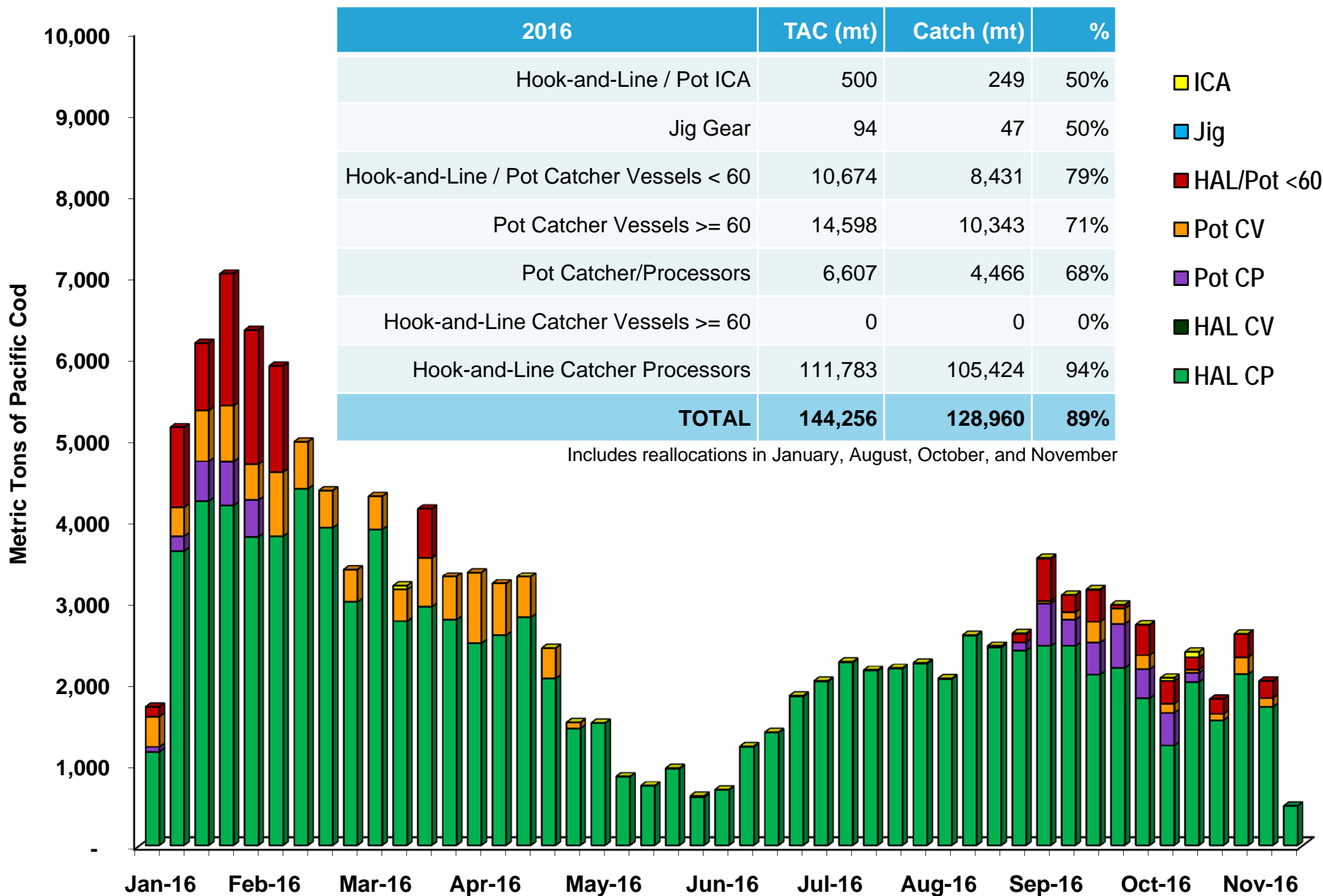
Aleutian Islands Pacific Cod directed fishing closed on March 22, 2016

2016 Pacific Cod Catch by Non-Trawl Gear

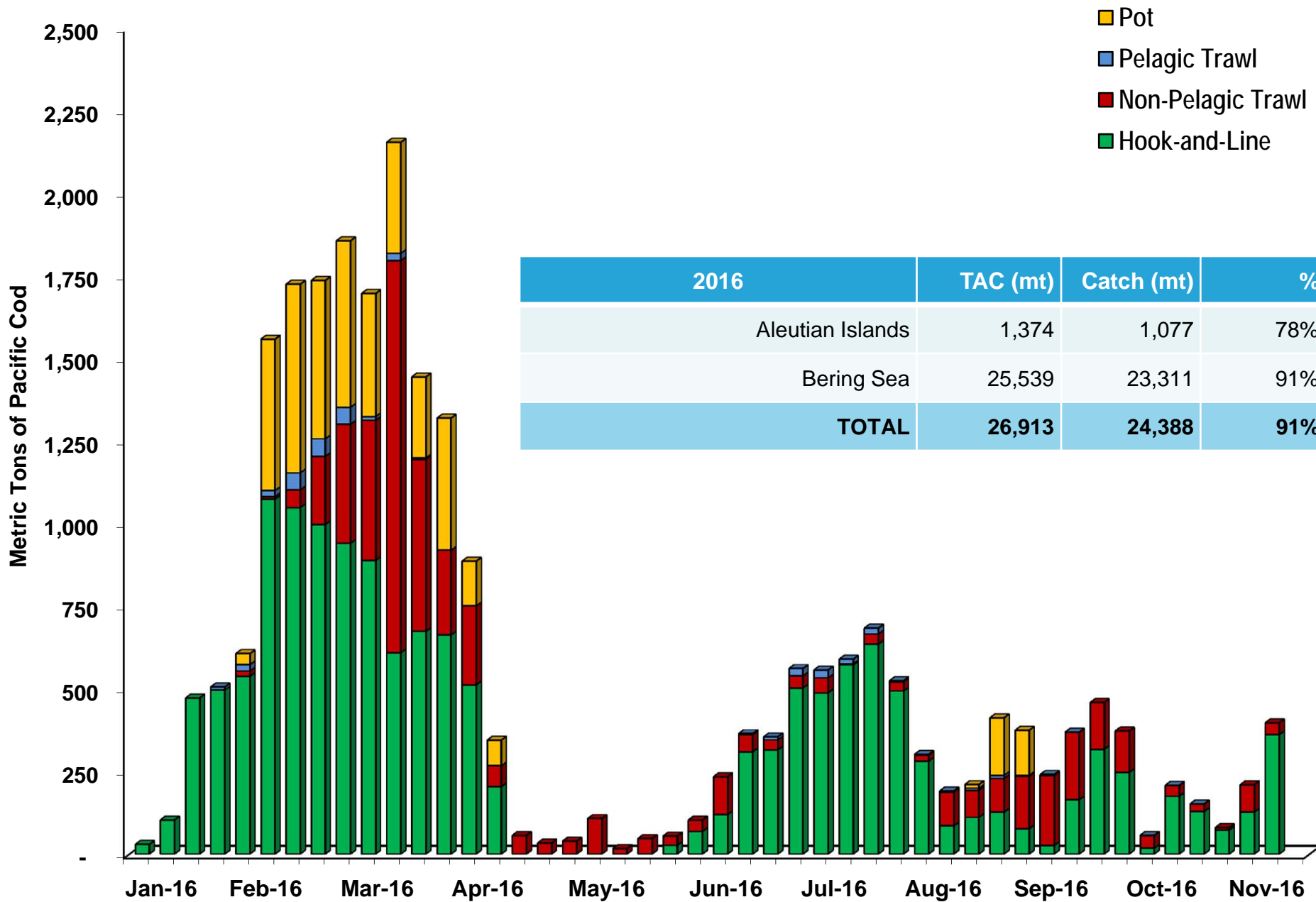


Data from Catch-in-Areas Dataset

2016 BSAI Non-Trawl Pacific Cod Catch



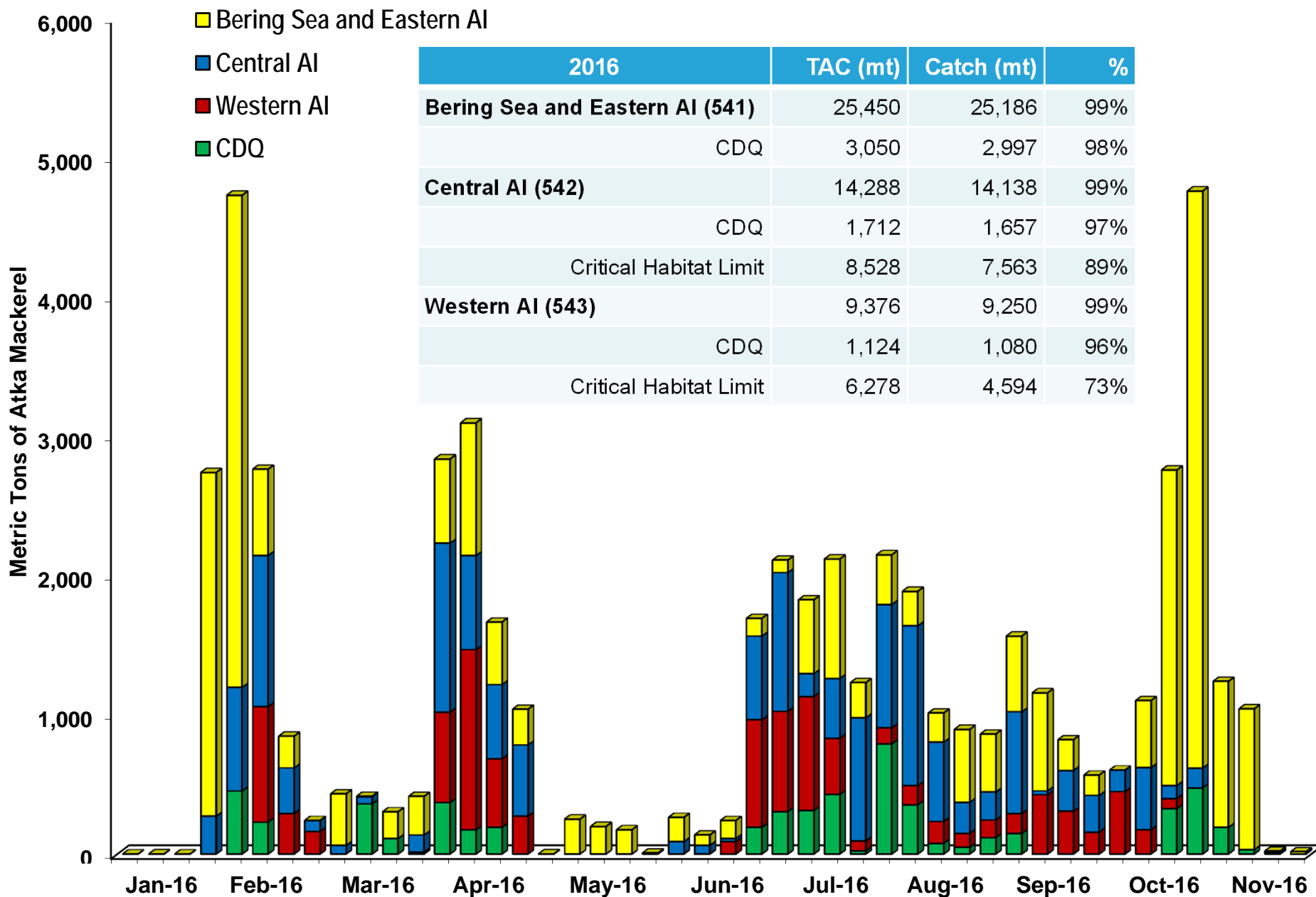
2016 CDQ Pacific Cod Catch



2016 Pacific Cod Apportionments and Catch in the BSAI

Fishery Component	TAC (mt)	Reallocations	Revised TAC	Catch (mt)	%
Hook-and-Line Gear					
Catcher/Processors	108,983	+ 2,800	111,783	101,577	91%
Catcher Vessels >= 60 Feet	448	- 448	0	0	0%
Pot Gear					
Catcher/Processors	3,357	+ 3,250	6,607	4,602	70%
Catcher Vessels >= 60 Feet	18,798	- 4,200	14,598	10,456	72%
Hook-and-Line and Pot Gear					
Catcher Vessels < 60 feet	4,476	+ 6,198	10,674	8,659	81%
Trawl Gear					
AFA Catcher/Processors	5,166	- 1,350	3,816	3,682	96%
A80 Catcher/Processors	30,097	+ 1,300	31,397	28,588	91%
Catcher Vessels	49,638	- 4,500	45,138	44,976	100%
Jig Gear	3,144	- 3,050	94	47	50%
CDQ			26,913		
Aleutian Islands	1,374	0	na	1,077	93%
Bering Sea	25,539	0	na	23,830	78%
Hook-and-Line / Pot Gear ICA	500	0		204	41%
TOTAL	251,520	0	251,250	227,698	91%

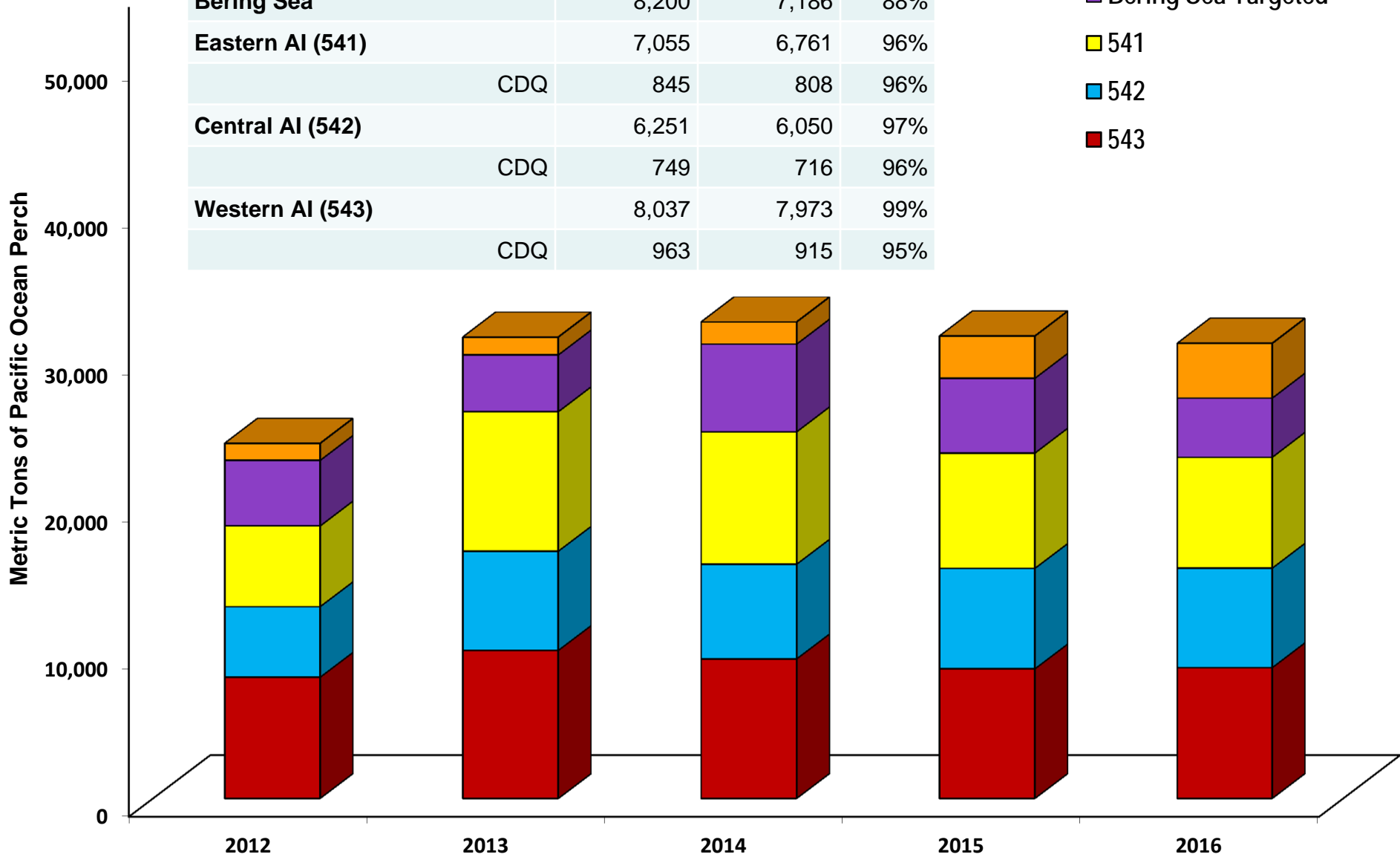
2016 Atka Mackerel Catch by Week and Area



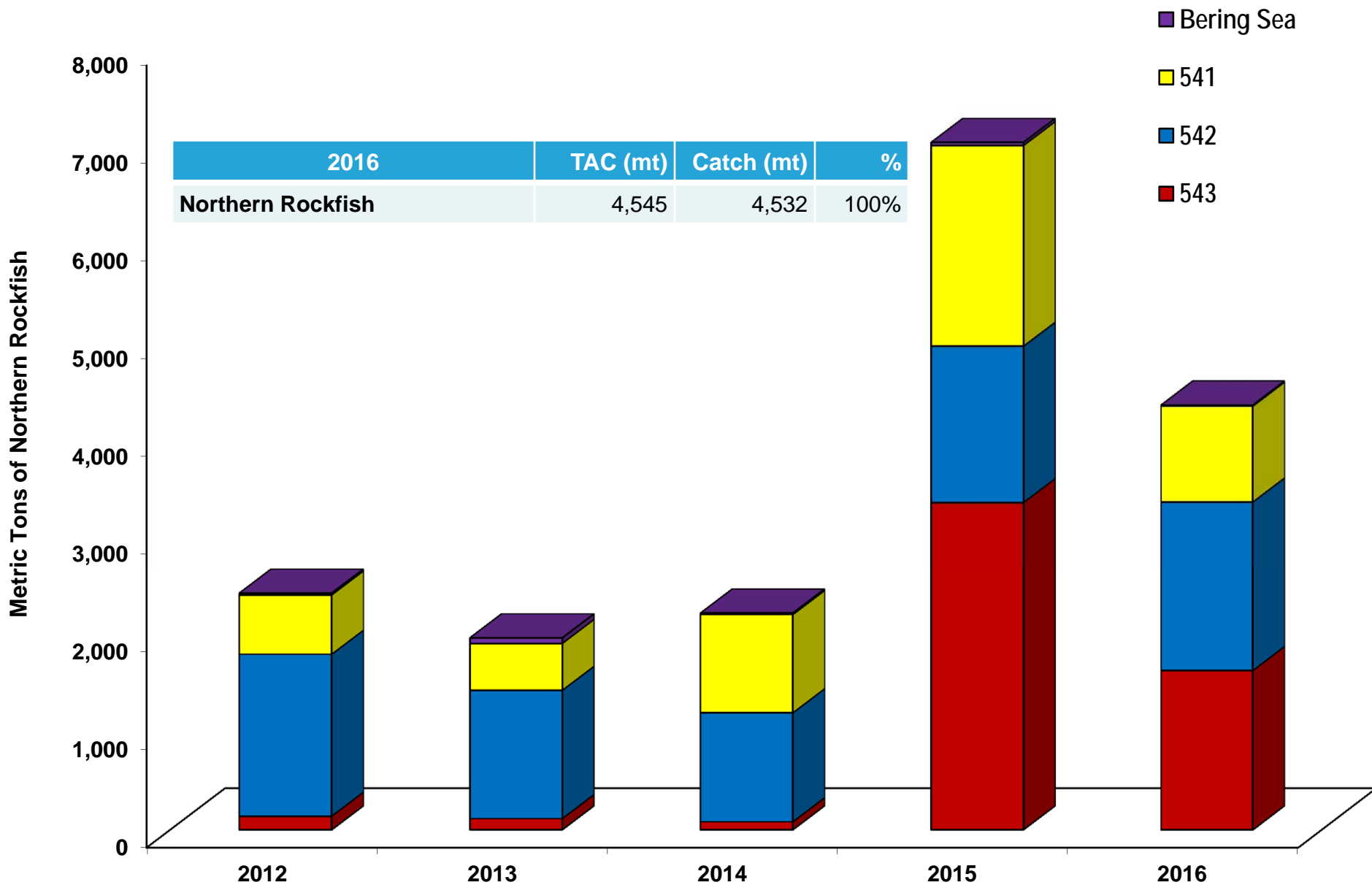
2016 Pacific Ocean Perch Catch by Area

2016	TAC (mt)	Catch (mt)	%
Bering Sea	8,200	7,186	88%
Eastern AI (541)	7,055	6,761	96%
CDQ	845	808	96%
Central AI (542)	6,251	6,050	97%
CDQ	749	716	96%
Western AI (543)	8,037	7,973	99%
CDQ	963	915	95%

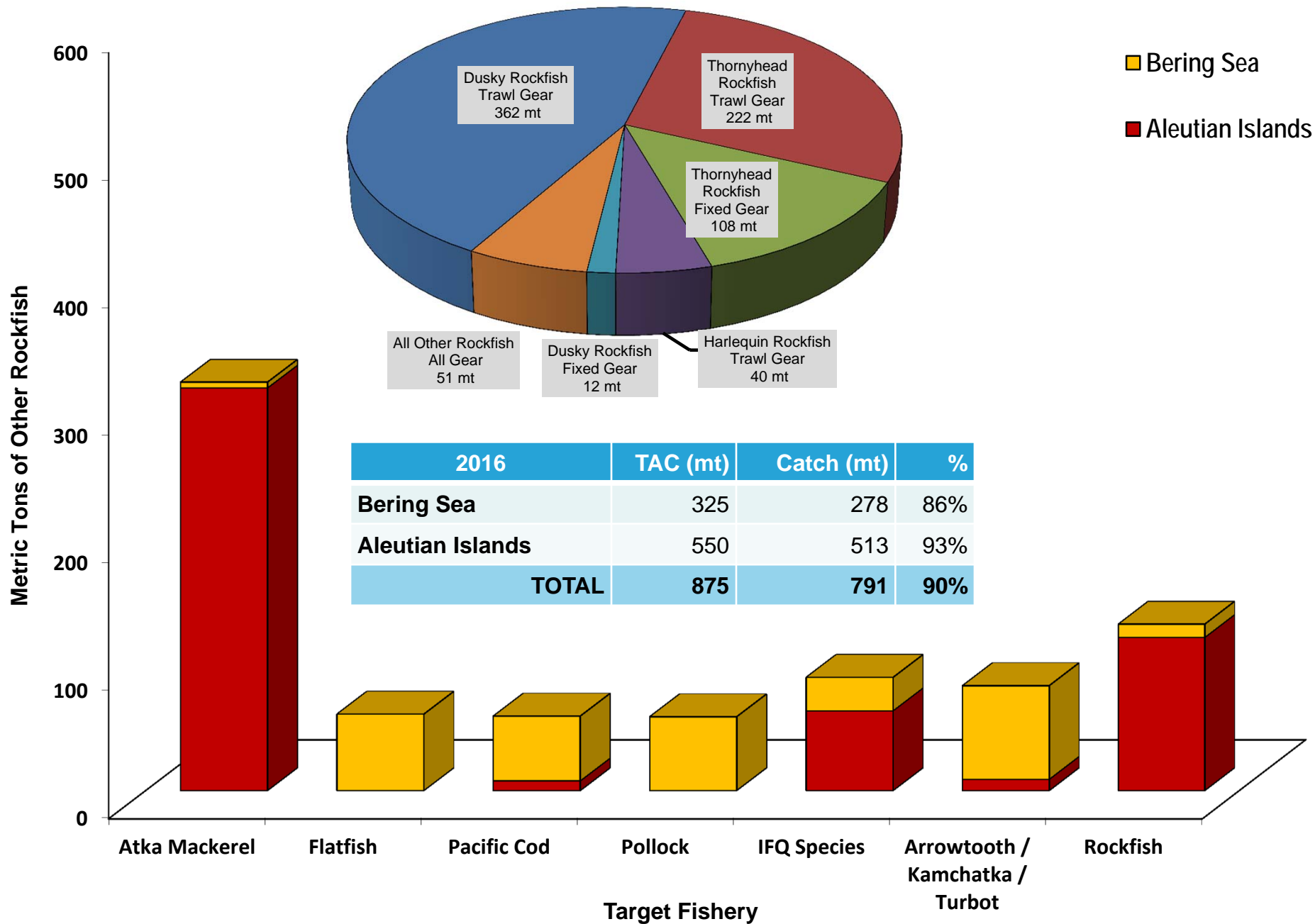
- Bering Sea Incidental
- Bering Sea Targeted
- 541
- 542
- 543



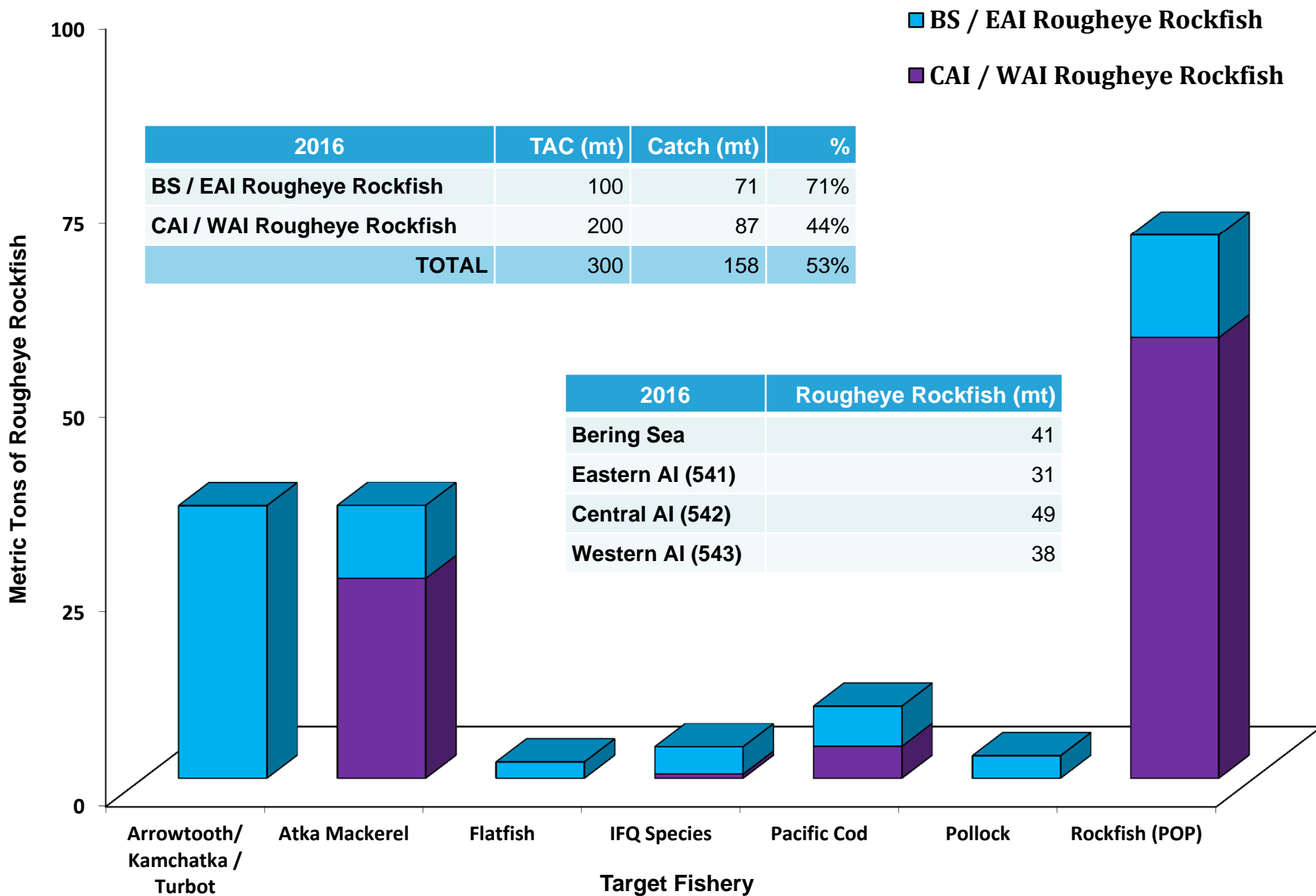
2016 Northern Rockfish Catch by Area



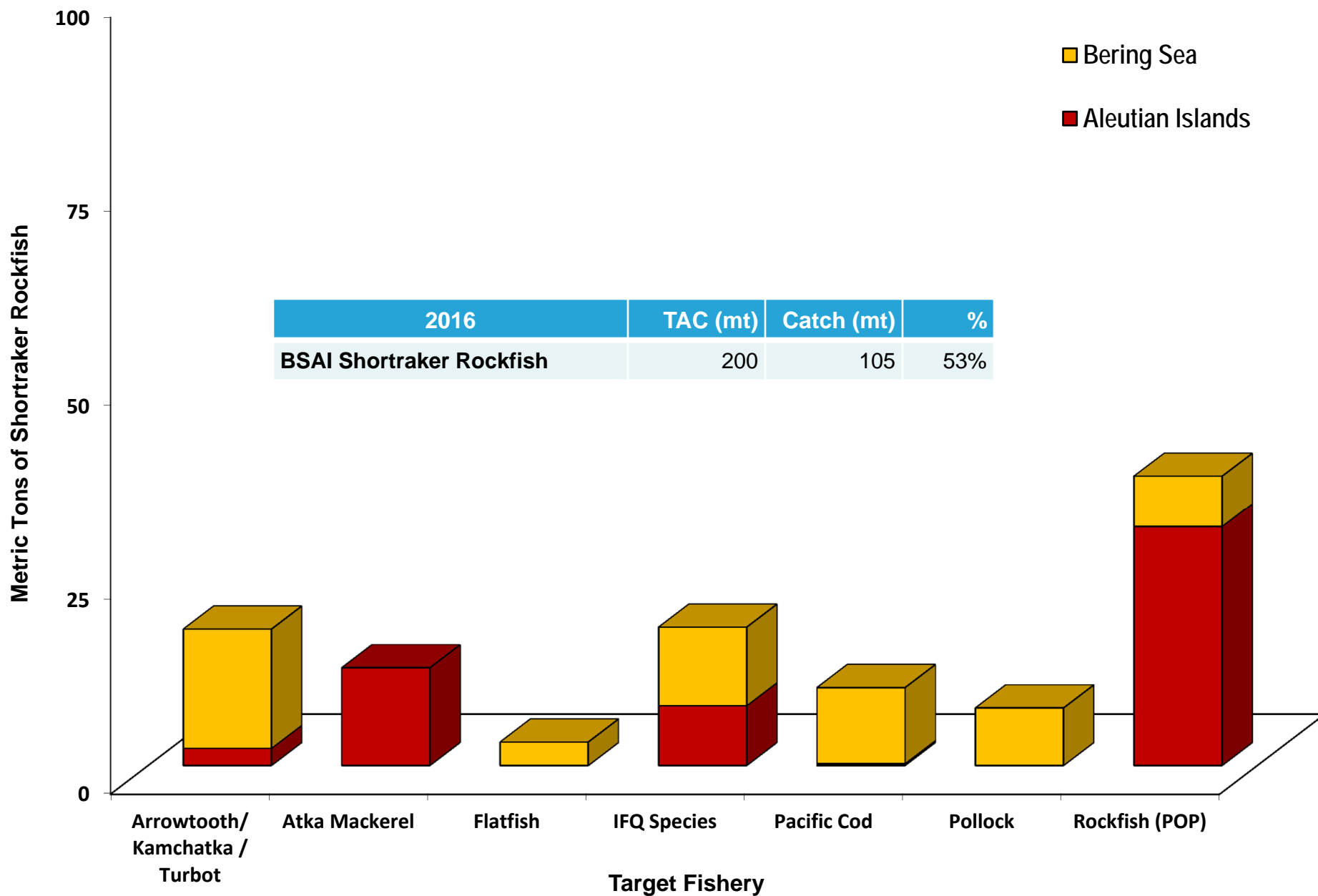
2016 BSAI Other Rockfish Catch



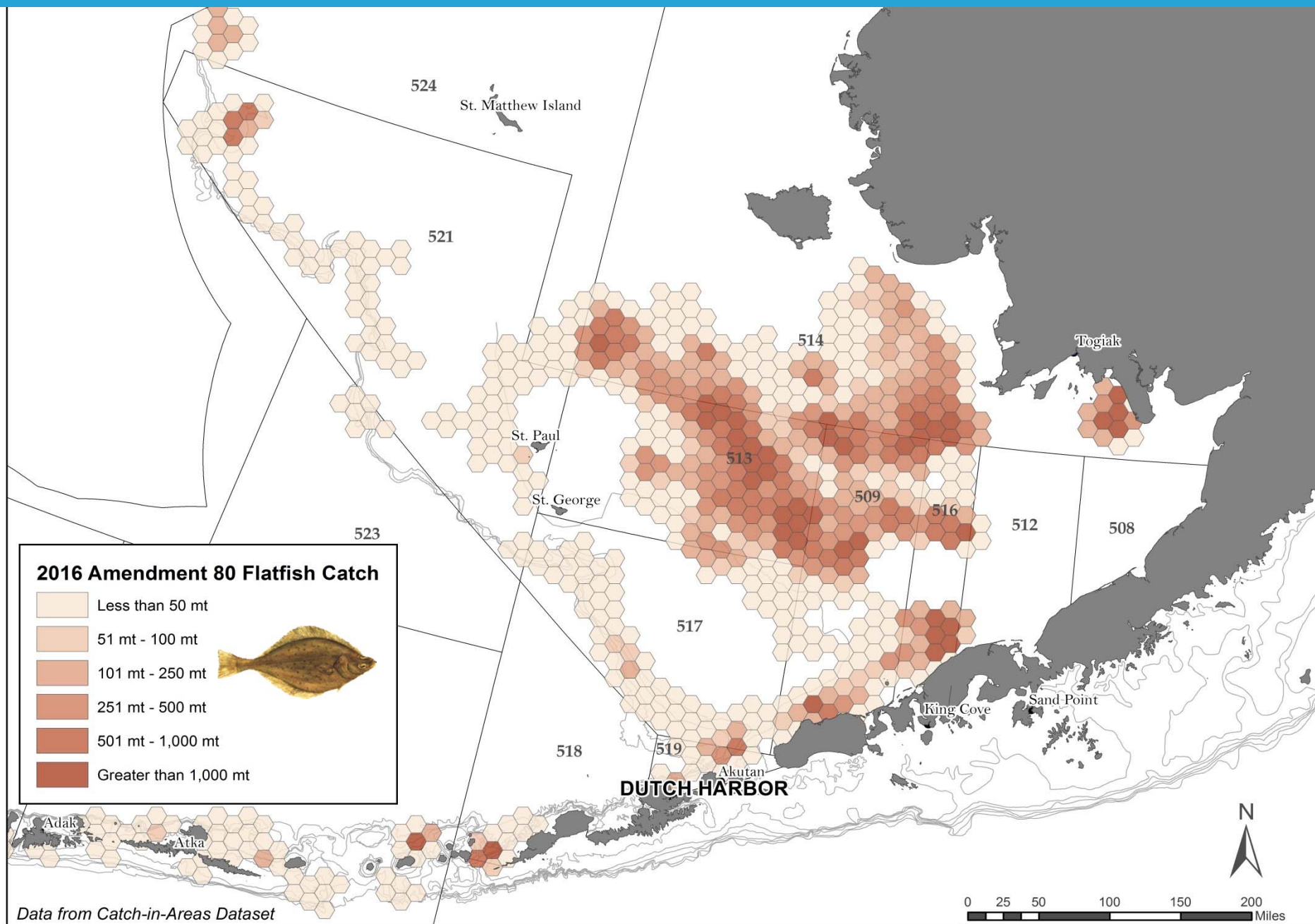
2016 BSAI Blackspotted / Rougheye Rockfish Catch



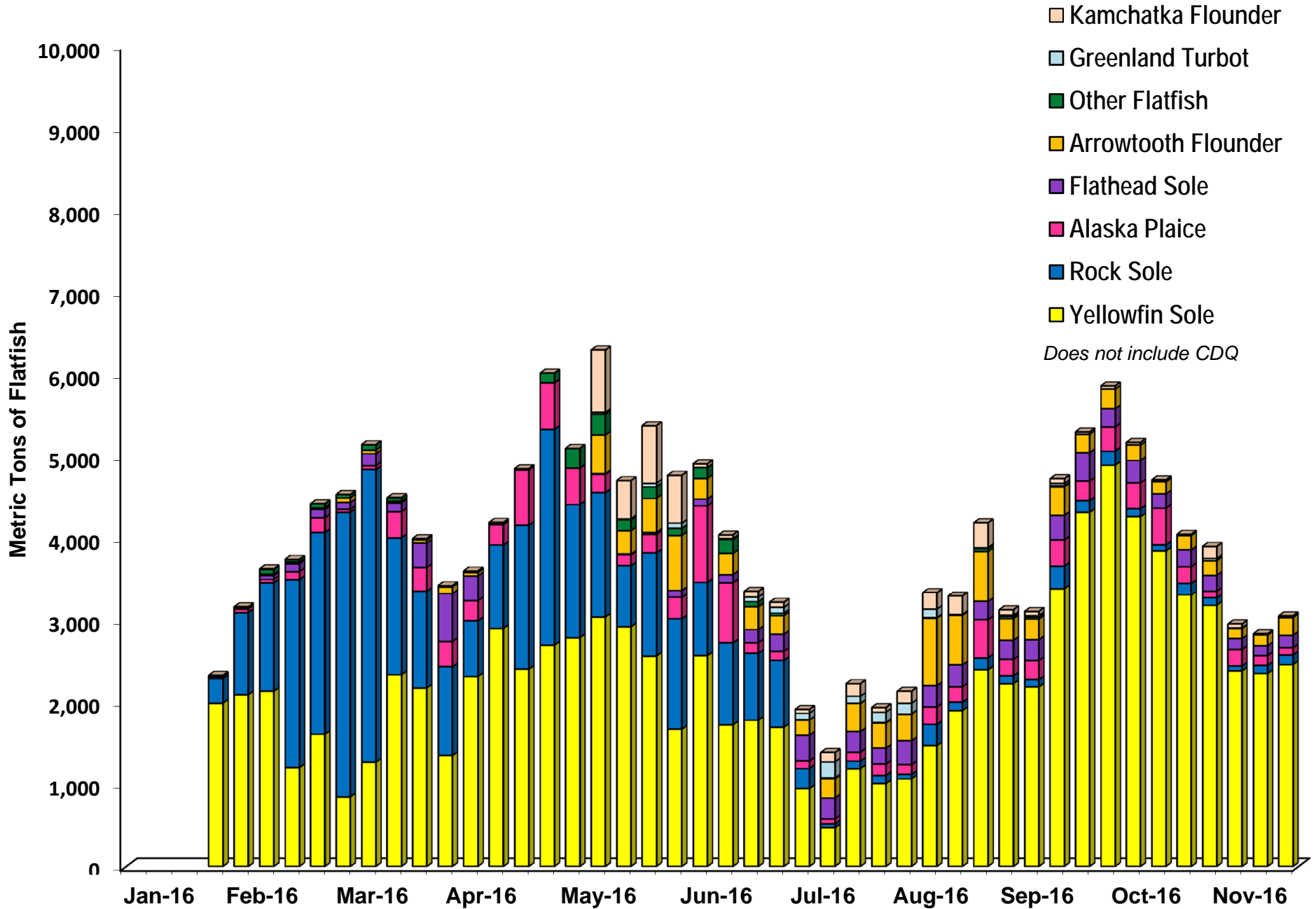
2016 BSAI Shortraker Rockfish Catch



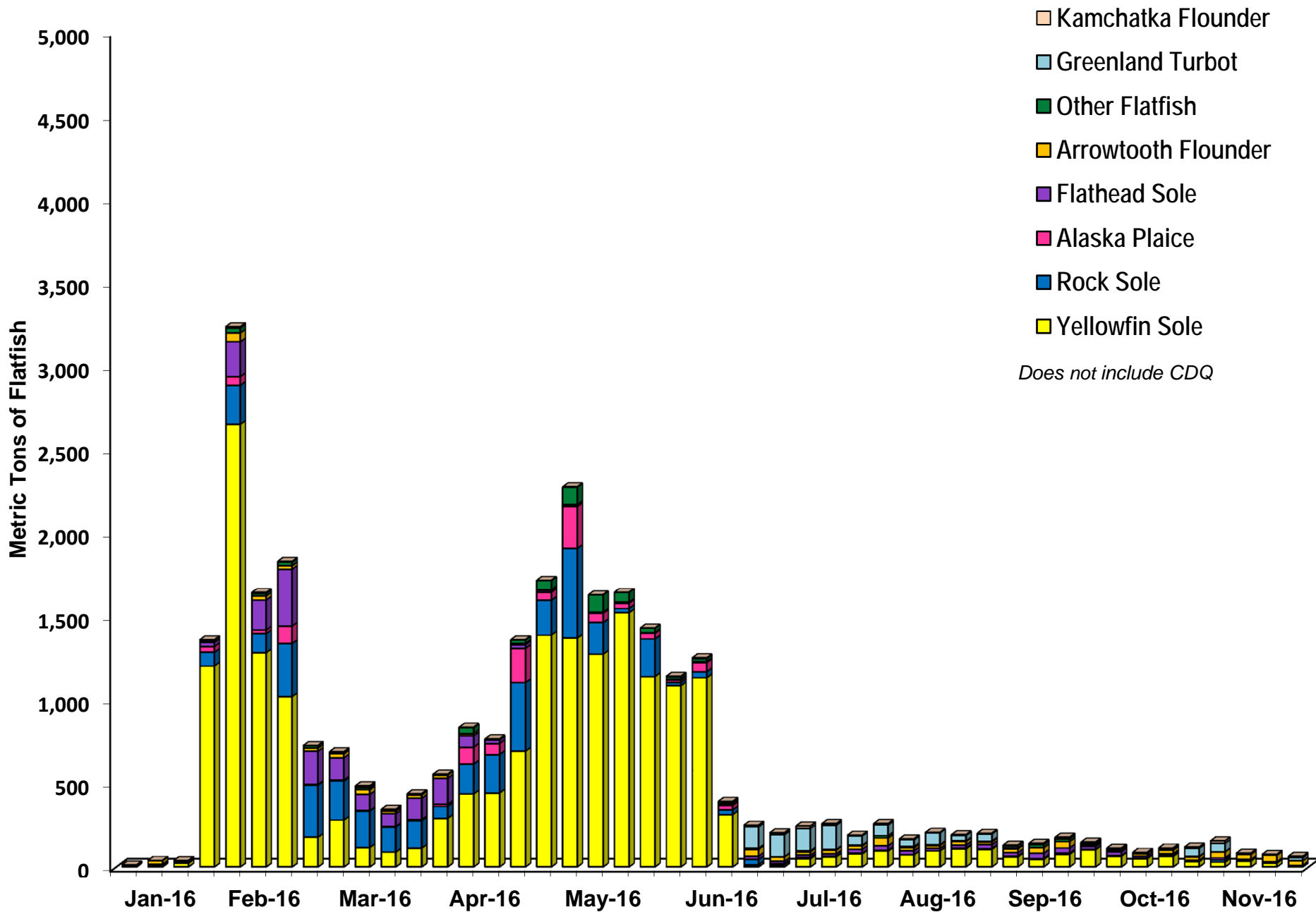
2016 Amendment 80 Flatfish Catch



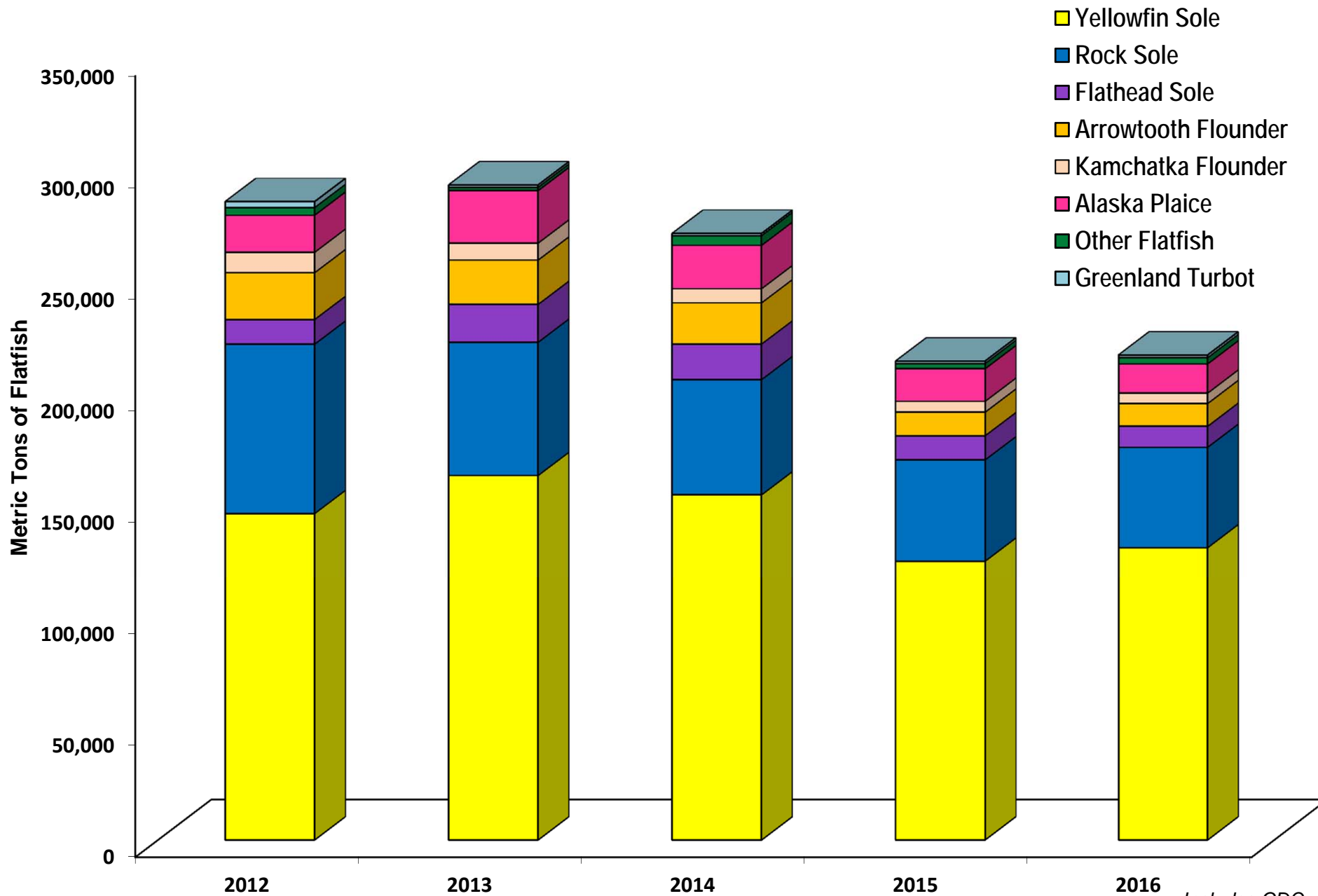
2016 BSAI Flatfish Catch by Amendment 80 Catcher/Processors



2016 BSAI Flatfish Catch by Non-Amendment 80 Vessels

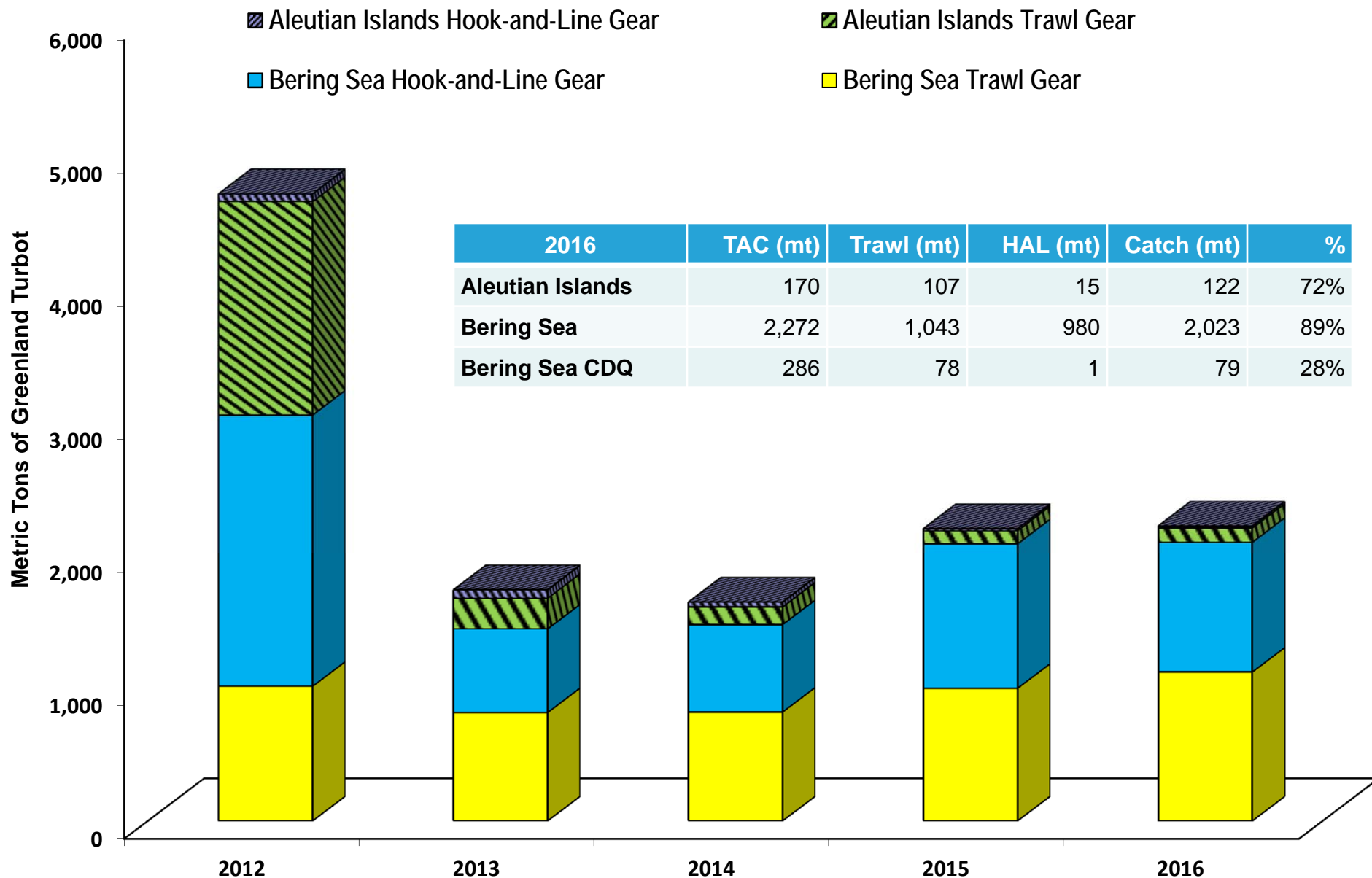


2012-2016 BSAI Trawl Flatfish Catch by Species



Includes CDQ

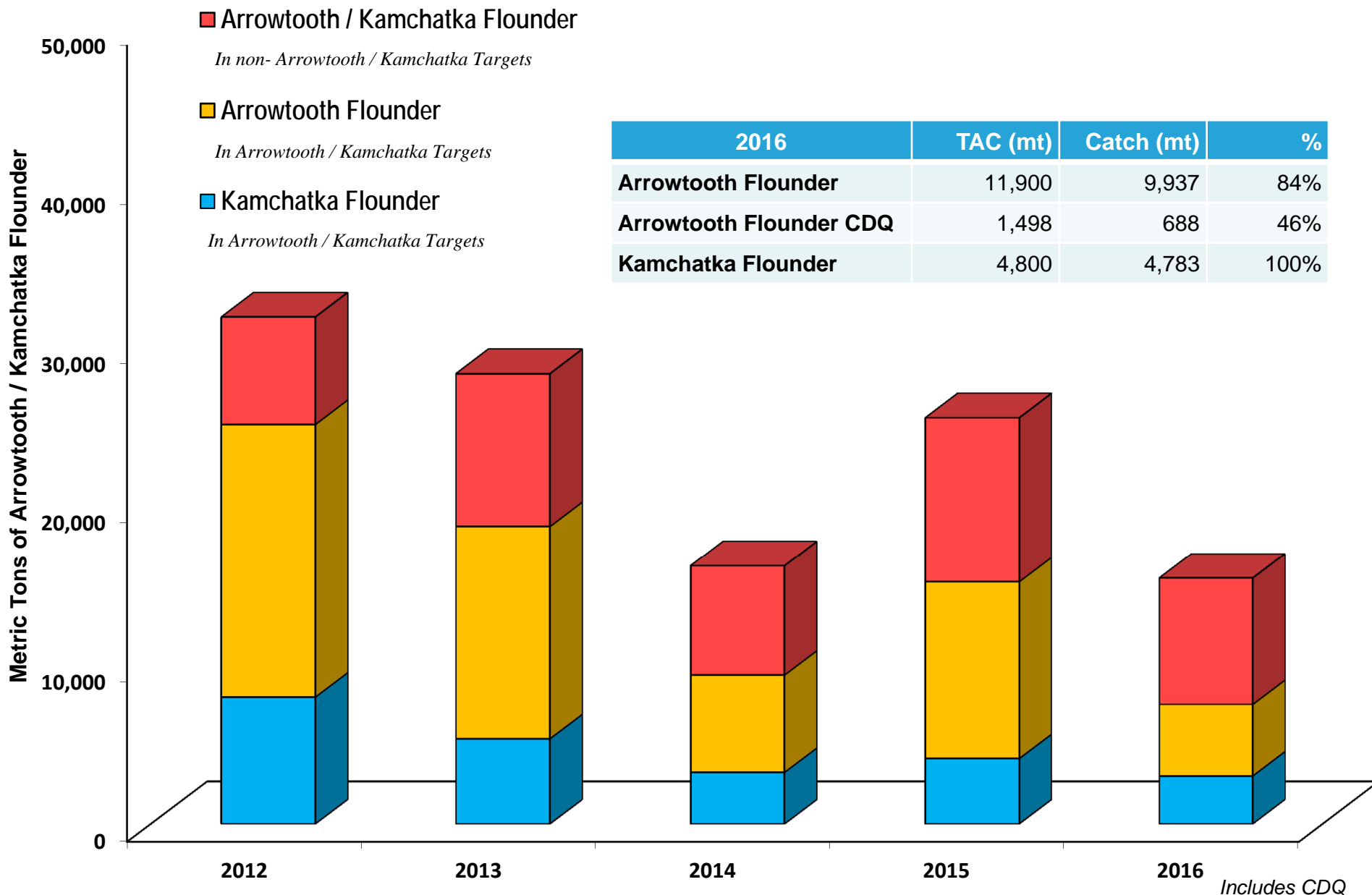
2012-2016 BSAI Greenland Turbot Catch



2016	TAC (mt)	Trawl (mt)	HAL (mt)	Catch (mt)	%
Aleutian Islands	170	107	15	122	72%
Bering Sea	2,272	1,043	980	2,023	89%
Bering Sea CDQ	286	78	1	79	28%

Includes CDQ

2012-2016 BSAI Arrowtooth / Kamchatka Flounder Catch



Includes CDQ

2016 Flatfish Catch in the BSAI

2016	ABC (mt)	Sector	TAC (mt)	Catch (mt)	%
Arrowtooth Flounder	80,701		11,900	9,937	84%
		CDQ	1,498	688	46%
Flathead Sole	66,250		14,003	9,253	66%
		CDQ	1,160	589	51%
Rock Sole	161,000		48,295	41,106	85%
		CDQ	5,164	3,896	75%
Yellowfin Sole	211,700		136,037	116,634	86%
		CDQ	17,441	14,544	83%
Kamchatka Flounder <i>Includes CDQ</i>	9,500		4,800	4,783	100%
Alaska Plaice <i>Includes CDQ</i>	41,000		13,325	13,067	98%
"Other Flatfish" <i>Includes CDQ</i>	13,061		2,862	2,821	99%

Includes CDQ means there is no CDQ allocation for that species



Arrowtooth Flounder



Flathead Sole



Rock Sole



Yellowfin Sole

2016 Changes in Flatfish TAC from Flatfish Exchanges

Group	Date	Flathead Sole		Rock Sole		Yellowfin Sole	
		TAC	Exchange	TAC	Exchange	TAC	Exchange
NSEDC (1)	12-Apr	21,000	0	56,700	-400	144,400	400
YDFDA (1)	24-Jun	20,985	-15	56,750	50	144,365	-35
NSEDC (2)	26-Jul	20,585	-400	57,150	400	144,365	0
APICDA (1)	13-Sep	20,585	0	56,450	-700	145,065	700
ASC (1)	16-Sep	16,685	-3,900	55,425	-1,025	149,990	4,925
CVRF (1)	21-Sep	16,470	-215	55,180	-245	150,450	460
APICDA (2)	6-Oct	16,390	-80	55,180	0	150,530	80
BBEDC (1)	21-Oct	16,086	-304	54,935	-245	151,079	549
YDFDA (2)	1-Nov	16,013	-73	54,329	-606	151,758	679
ASC (2)	4-Nov	15,163	-850	52,659	-1,670	154,278	2,520
Total Change			-5,837		-4,441		10,278

Number of Amendment 80 Catcher/Processors	
2015	18
2016	19

Number of Motherships (non-pollock)	
2015	7
2016	9

Number of CVs delivering to Motherships (non-pollock)	
2015	7
2016	19

2016 A80 Inter-Cooperative and CDQ Inter-Group Transfers

Amendment 80 Inter-Cooperative Transfers

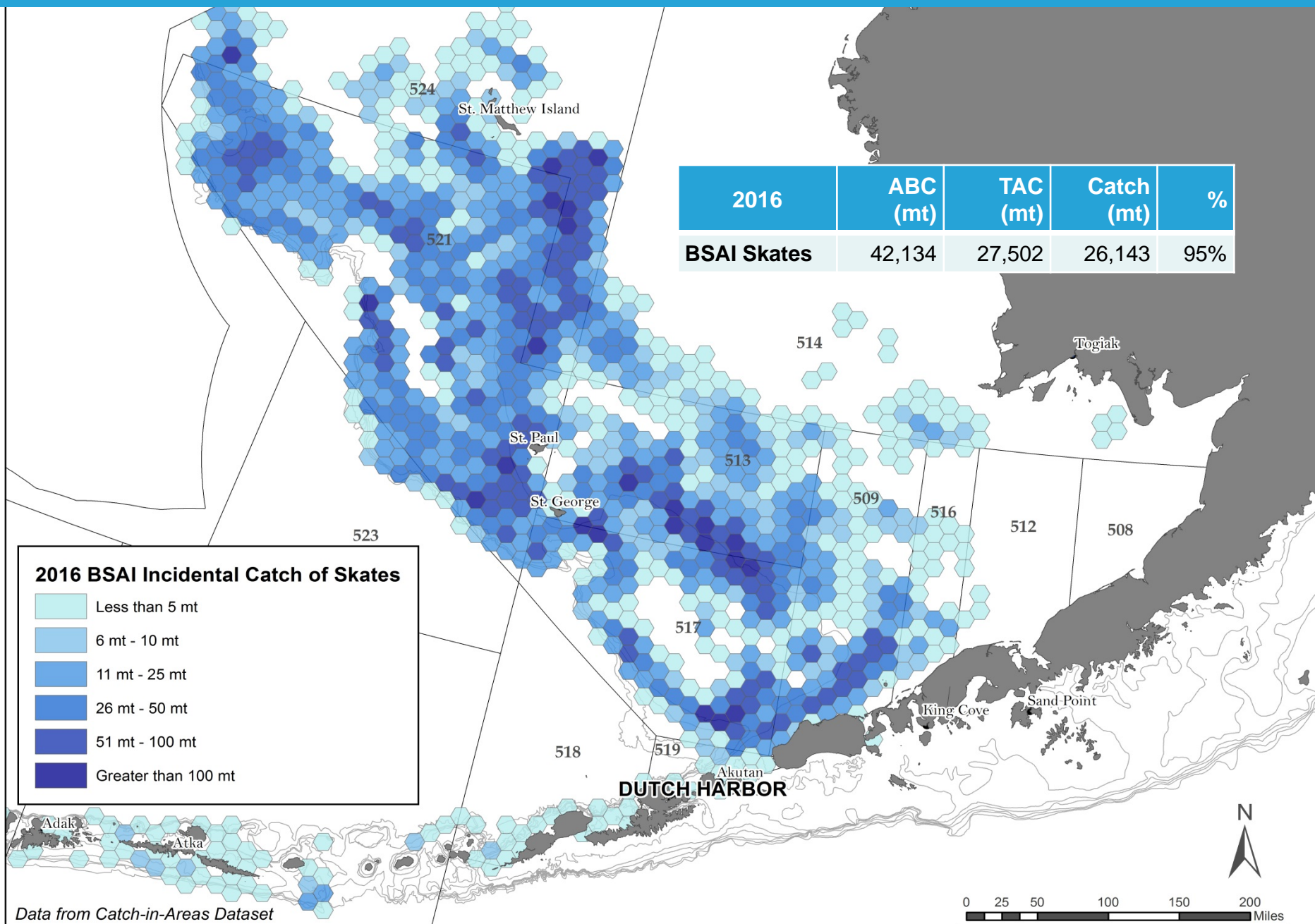
Species	# of Transfers	Weight	Count
Atka Mackerel	7	969	n/a
Flathead Sole	4	396	n/a
Other Groundfish	n/a	n/a	n/a
Pacific Cod	2	158	n/a
Pacific Ocean Perch	0	0	n/a
Rock Sole	4	2,225	n/a
Yellowfin Sole	13	24,407	n/a
Crab Species	4	n/a	11,251
Halibut	1	7.05	n/a
TOTAL	34	28,154	11,251

CDQ Inter-Group Transfers

Species	# of Transfers	Weight	Count
Arrowtooth Flounder	4	326	n/a
Atka Mackerel	12	2,344	n/a
Flathead Sole	3	473	n/a
Greenland Turbot	3	49	n/a
Pacific Cod	6	2,267	n/a
Pacific Ocean Perch	10	906	n/a
Pollock	2	11,810	n/a
Rock Sole	3	966	n/a
Sablefish	3	6	n/a
Yellowfin Sole	3	3,075	n/a
Crab Species	0	n/a	0
Halibut	5	39	n/a
TOTAL	54	22,261	0

2016 Skates Catch

2016	ABC (mt)	TAC (mt)	Catch (mt)	%
BSAI Skates	42,134	27,502	26,143	95%



2016 BSAI Sharks and Octopus

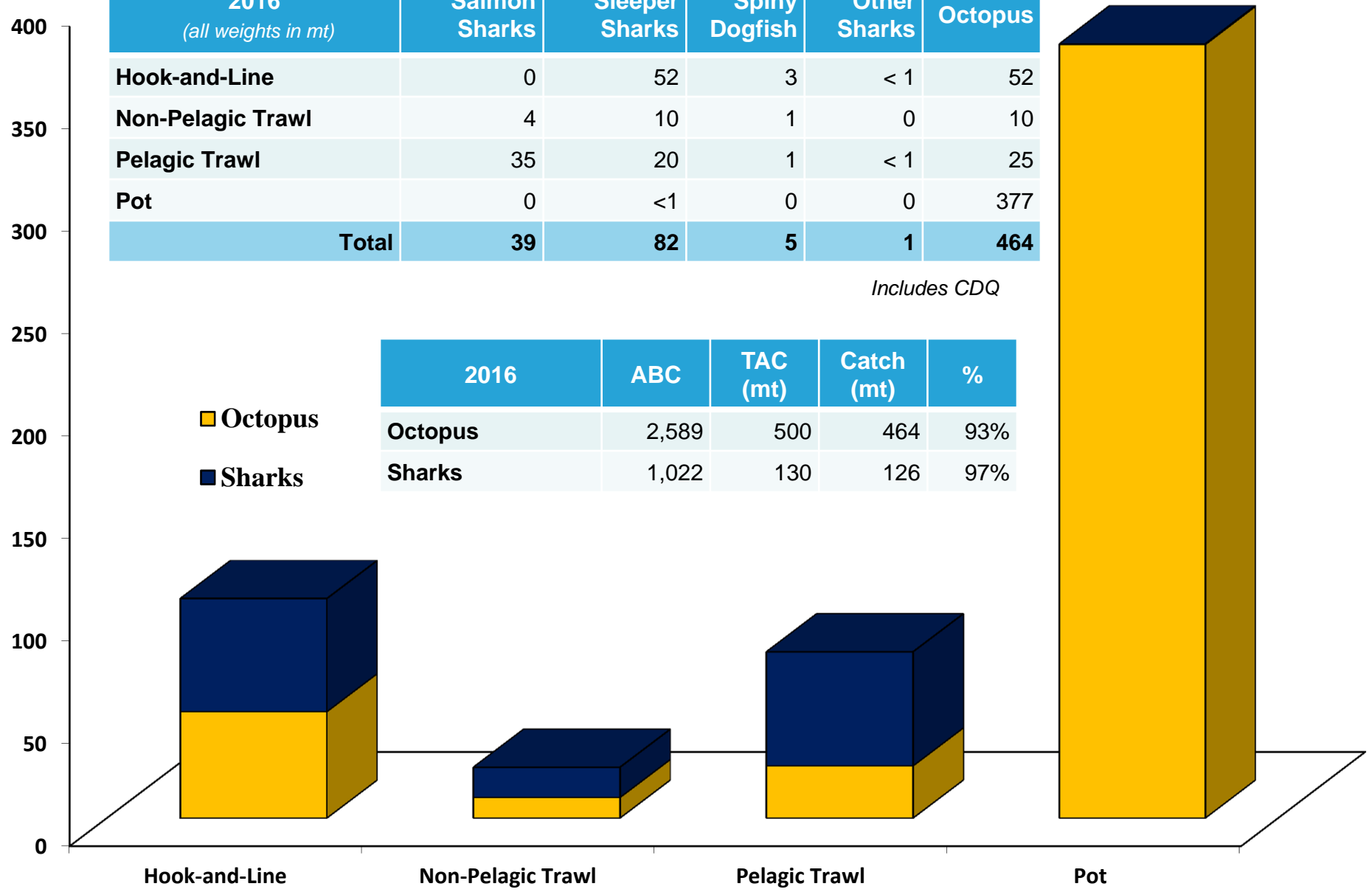
2016 <i>(all weights in mt)</i>	Salmon Sharks	Sleeper Sharks	Spiny Dogfish	Other Sharks	Octopus
Hook-and-Line	0	52	3	< 1	52
Non-Pelagic Trawl	4	10	1	0	10
Pelagic Trawl	35	20	1	< 1	25
Pot	0	<1	0	0	377
Total	39	82	5	1	464

Includes CDQ

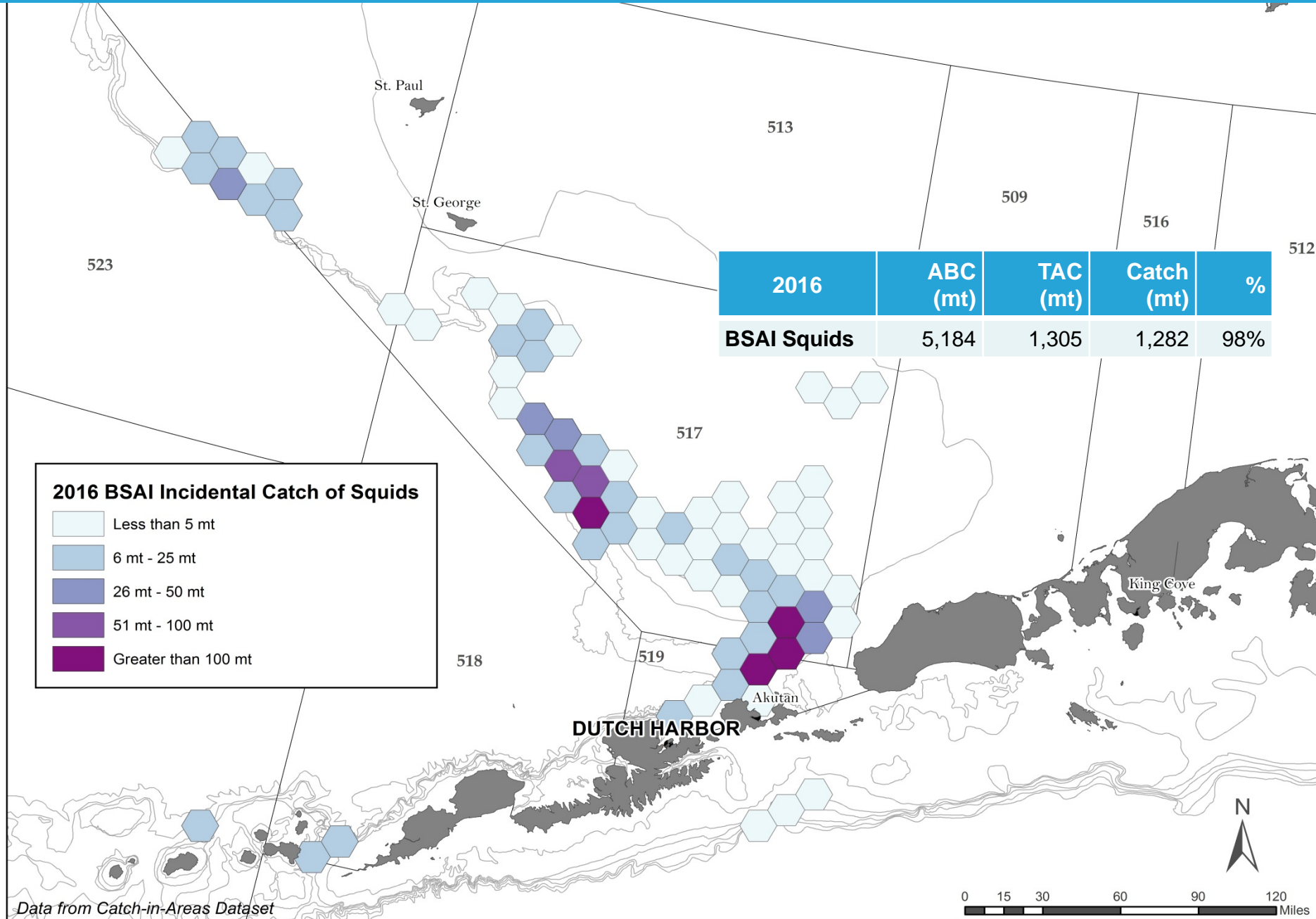
Metric Tons of Sharks and Octopus

■ Octopus
 ■ Sharks

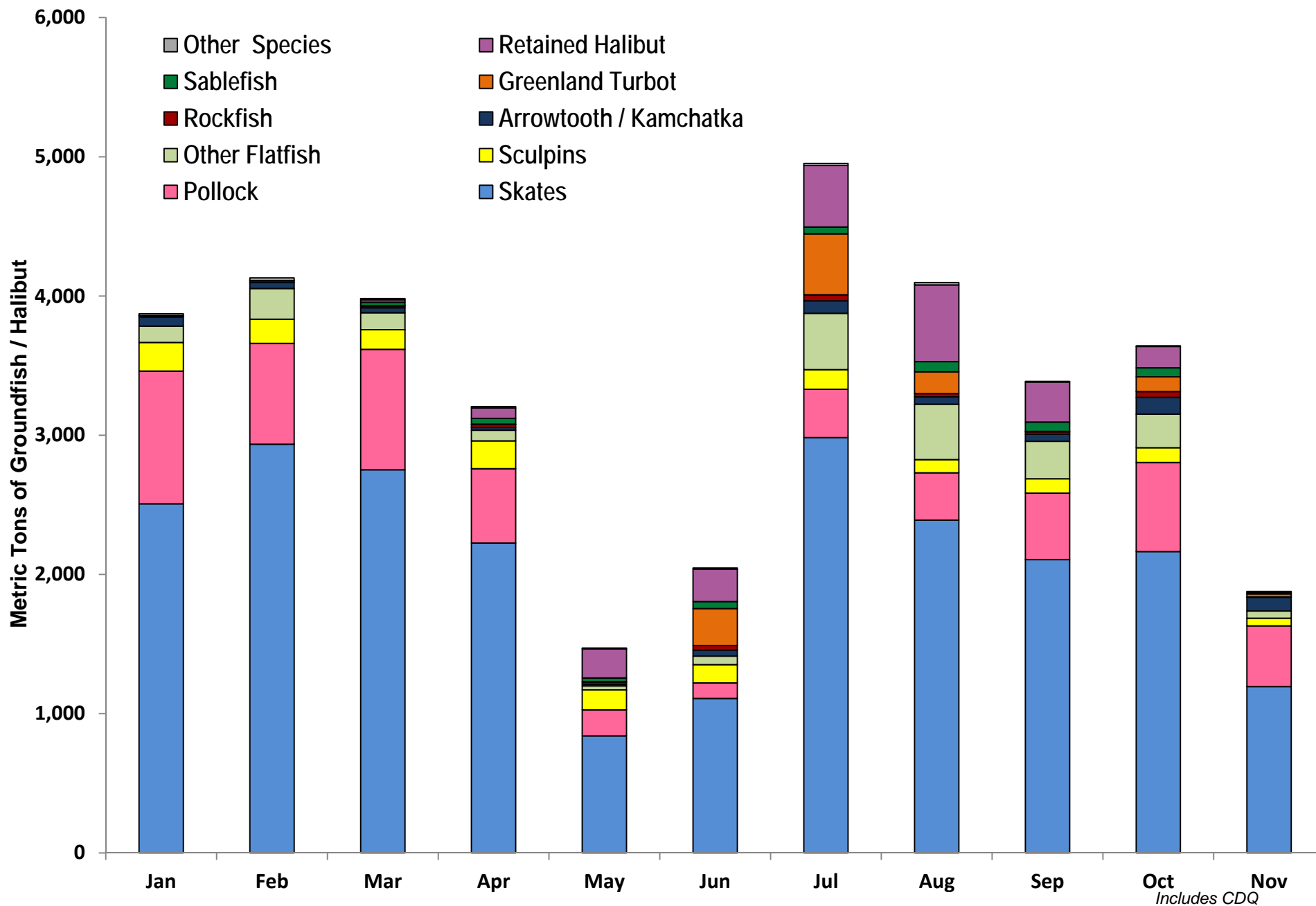
2016	ABC	TAC (mt)	Catch (mt)	%
Octopus	2,589	500	464	93%
Sharks	1,022	130	126	97%



2016 Squids Catch

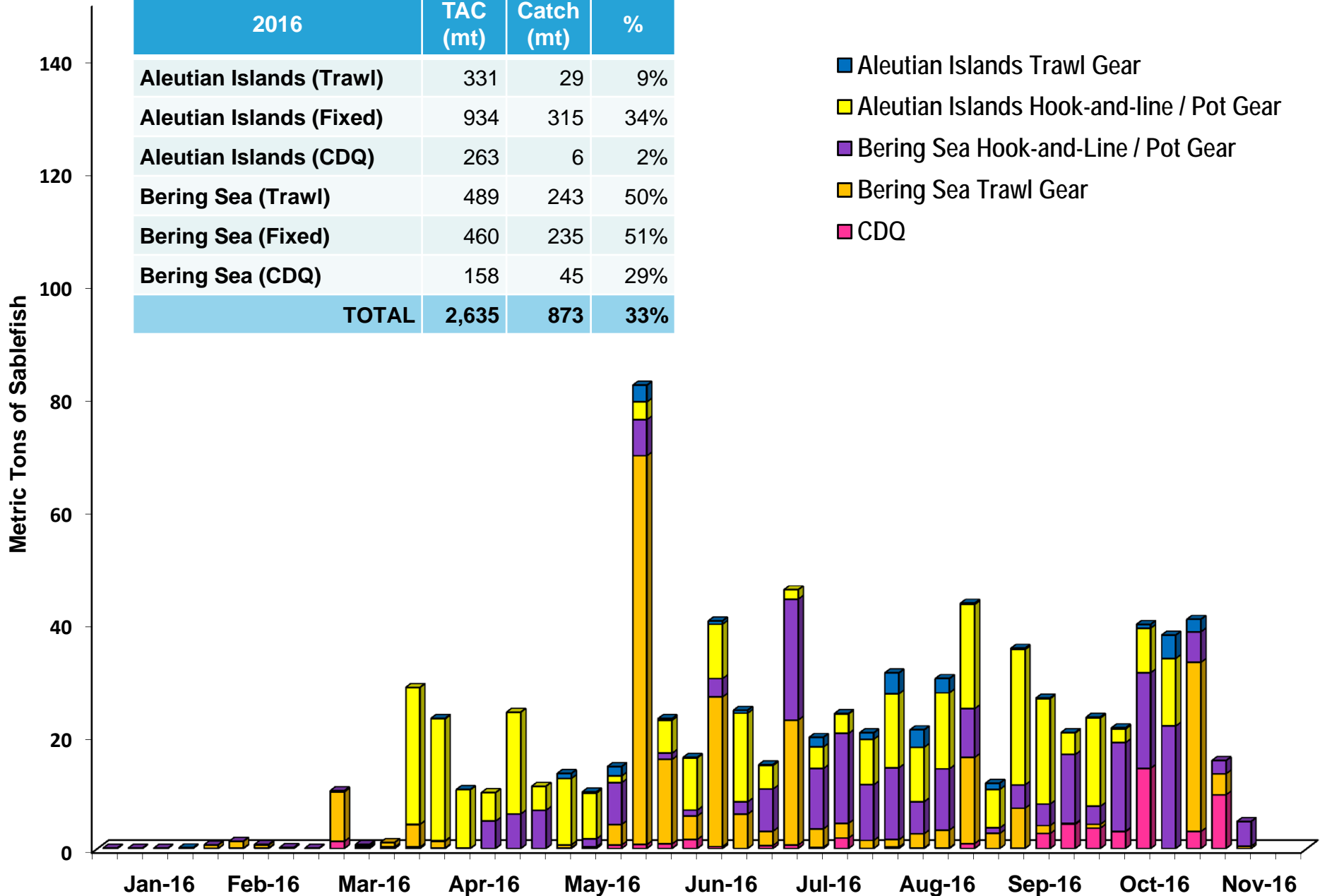


2016 BSAI Hook-and-Line Non Pacific Cod Catch

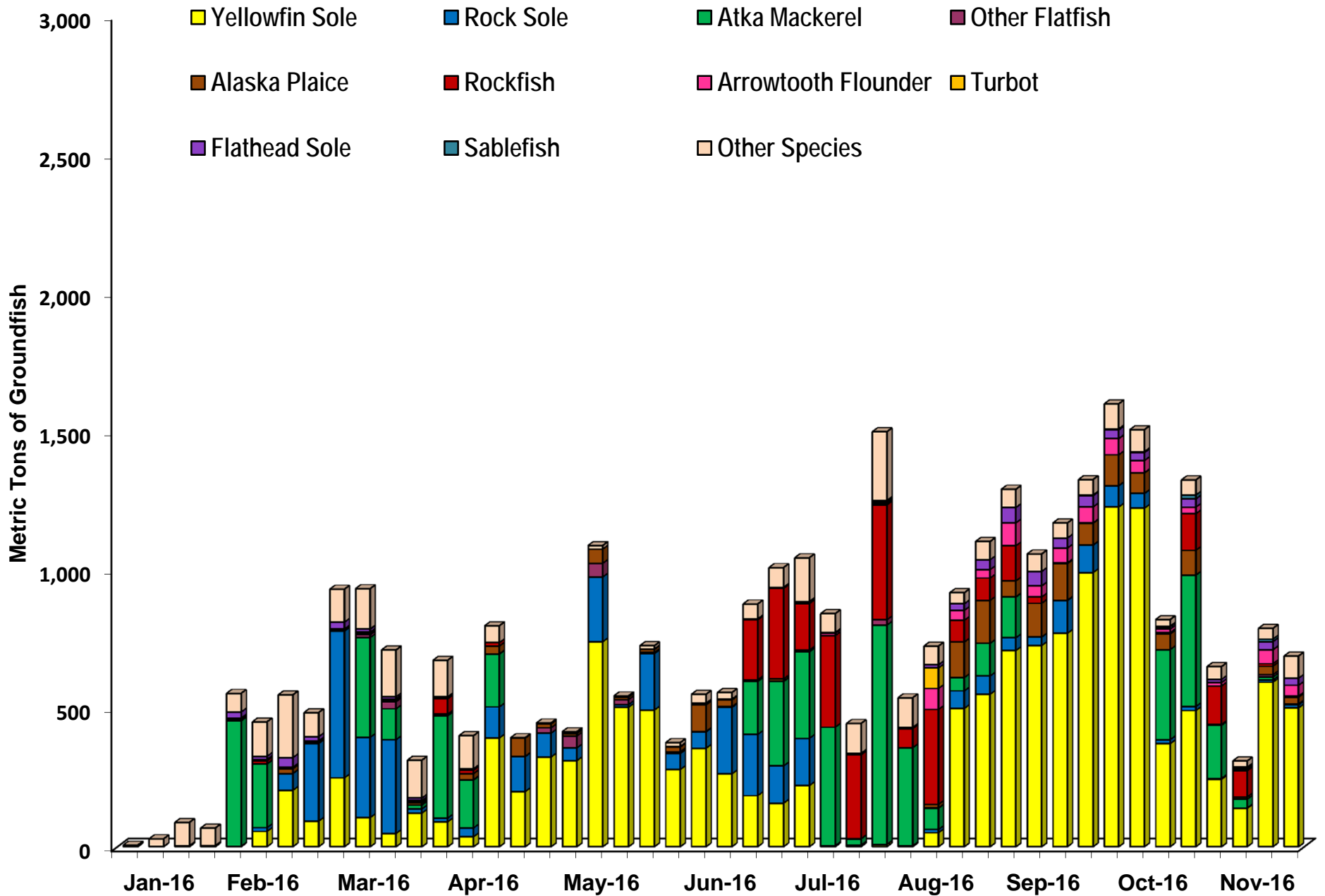


2016 BSAI Sablefish Catch

2016	TAC (mt)	Catch (mt)	%
Aleutian Islands (Trawl)	331	29	9%
Aleutian Islands (Fixed)	934	315	34%
Aleutian Islands (CDQ)	263	6	2%
Bering Sea (Trawl)	489	243	50%
Bering Sea (Fixed)	460	235	51%
Bering Sea (CDQ)	158	45	29%
TOTAL	2,635	873	33%



2016 CDQ Non Pollock / Pacific Cod Catch by Species



2016 Non-specified Reserve Releases

Species	Initial TAC (mt)	Reallocations	Revised TAC	Catch (mt)	%
BSAI Kamchatka Flounder	4,250	+ 600	4,850	4,799	99%
BSAI Other Flatfish	2,125	+737	2,862	2,820	99%
BSAI Alaska Plaice	12,325	+1,000	13,325	13,124	98%
Bering Sea Pacific Ocean Perch	6,800	+1,400	8,200	8,119	99%
BSAI Northern Rockfish	3,825	+720	4,545	4,537	100%
BSAI Skates	22,100	+5,402	27,502	26,710	97%
BSAI Sculpins	3,825	+800	4,625	4,603	100%
BSAI Squids	1,275	+30	1,305	1,282	98%
BSAI Sharks	125	+5	130	127	98%
BSAI Octopus	400	+100	500	492	98%
Reserves	10,794	- 10,794	0	<i>Na</i>	<i>Na</i>

BSAI Groundfish Species Placed on Prohibited Species Status

2015	Date
Squids in BSAI	30-July-15
Sculpins in BSAI	2-Dec-15
2016	Date
No Prohibited Species Closures	

BSAI Trawl Groundfish Retained and Discards

2015 Trawl	Retained	Discards	% Retained
Pollock	1,307,211	8,979	99%
Yellowfin Sole	123,047	1,751	99%
Pacific Cod	72,206	431	99%
Atka Mackerel	52,477	772	99%
Rock Sole	44,330	1,086	98%
Pacific Ocean Perch	30,015	1,404	96%
Alaska Plaice	13,382	1,231	92%
Flathead Sole	10,072	741	93%
Arrowtooth Flounder	9,347	1,220	88%
Northern Rockfish	6,743	392	95%
Kamchatka Flounder	4,610	249	95%
Skates	1,276	2,033	39%
Sculpins *	94	2,687	3%
Squids *	1,302	1,062	55%
Other Flatfish	741	1,594	32%
Greenland Turbot	1,030	65	94%
Other Rockfish	428	51	89%
Rougheye Rockfish	150	6	96%
Shortraker Rockfish	94	7	93%
Other Species	10	73	12%
Sablefish	27	5	84%
TOTAL	1,678,594	25,838	98%

2016 Trawl	Retained	Discards	% Retained
Pollock	1,339,376	8,294	99%
Yellowfin Sole	128,622	2,502	98%
Pacific Cod	82,484	473	99%
Atka Mackerel	53,893	413	99%
Rock Sole	43,199	1,802	96%
Pacific Ocean Perch	30,215	961	97%
Alaska Plaice	11,030	2,066	84%
Flathead Sole	8,598	857	91%
Arrowtooth Flounder	8,683	1,516	85%
Northern Rockfish	4,244	261	94%
Kamchatka Flounder	4,477	192	96%
Skates	1,435	1,776	45%
Sculpins	85	2,790	3%
Squids	459	822	36%
Other Flatfish	984	1,798	35%
Greenland Turbot	1,205	21	98%
Other Rockfish	568	65	90%
Rougheye Rockfish	137	9	94%
Shortraker Rockfish	71	4	94%
Other Species	20	86	19%
Sablefish	281	6	98%
TOTAL	1,720,065	26,714	98%

BSAI Fixed Gear Groundfish Retained and Discards

2015 Hook-and-Line	Retained	Discards	% Retained
Pacific Cod	128,697	2,602	98%
Skates	6,641	18,174	27%
Pollock	6,372	633	91%
Other Flatfish	41	2,406	2%
Sculpins *	0	1,976	0%
Greenland Turbot	1,054	53	95%
Arrowtooth	104	727	12%
Sablefish	475	14	97%
Other Rockfish	103	166	38%
Other Species	5	71	6%
Sharks	0	48	0%
Shortraker Rockfish	18	35	34%
Rougheye Rockfish	5	19	22%
TOTAL	143,515	26,924	84%

2016 Hook-and-Line	Retained	Discards	% Retained
Pacific Cod	113,358	2,461	98%
Skates	4,404	18,803	19%
Pollock	5,006	611	89%
Other Flatfish	1	1,990	0%
Sculpins	0	1,494	0%
Greenland Turbot	948	49	95%
Arrowtooth	36	596	6%
Sablefish	338	70	83%
Other Rockfish	94	97	49%
Other Species	4	53	7%
Sharks	0	55	0%
Shortraker Rockfish	6	24	20%
Rougheye Rockfish	2	10	19%
TOTAL	124,197	26,314	83%

2015 Pot	Retained	Discards	% Retained
Pacific Cod	29,856	70	100%
Other Species	10	582	2%
Octopus	63	297	17%
Sablefish	120	0	100%
TOTAL	30,049	949	97%

2016 Pot	Retained	Discards	% Retained
Pacific Cod	27,386	27	100%
Other Species	27	372	7%
Octopus	56	338	14%
Sablefish	177	1	99%
TOTAL	27,646	738	97%

2016 Salmon, Crab, and Herring PSC Catch

Chinook Salmon (#)	Total Catch	Limit	%
Pollock Fishery	21,920	60,000	37%
Non-Pollock Fisheries	10,530	<i>na</i>	<i>na</i>
Non-Chinook Salmon (#)	Total Catch	Limit	%
Pollock Fishery	342,920	<i>na</i>	<i>na</i>
Non-Pollock Fisheries	4,109	<i>na</i>	<i>na</i>

Trawl Gear

Other PSC Species	Total Catch
Opilio Tanner Crab (#)	175,793
Bairdi Tanner Crab (#)	215,543
Red King Crab (#)	39,858
Blue King Crab (#)	793
Golden King Crab (#)	13,834
Herring (mt)	1,485

Fixed Gear

Other PSC Species	Total Catch
Opilio Tanner Crab (#)	39,034
Bairdi Tanner Crab (#)	305,955
Red King Crab (#)	26,490
Blue King Crab (#)	4,363
Golden King Crab (#)	14,425

2016 BSAI Halibut Catch

Hook-and-Line Halibut Catch

Hook-and-Line Halibut (mt)	Retained	Discard *	% Discarded	Mortality **	Limit	%
IFQ \ CDQ Halibut Fishery	1,961	800	29%	128	na	na
IFQ \ CDQ Sablefish Fishery	14	10	42%	1	na	na
Pacific Cod \ Other Species	0	2,240	100%	204	710	29%
TOTAL	1,975	3,050	61%	333	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.

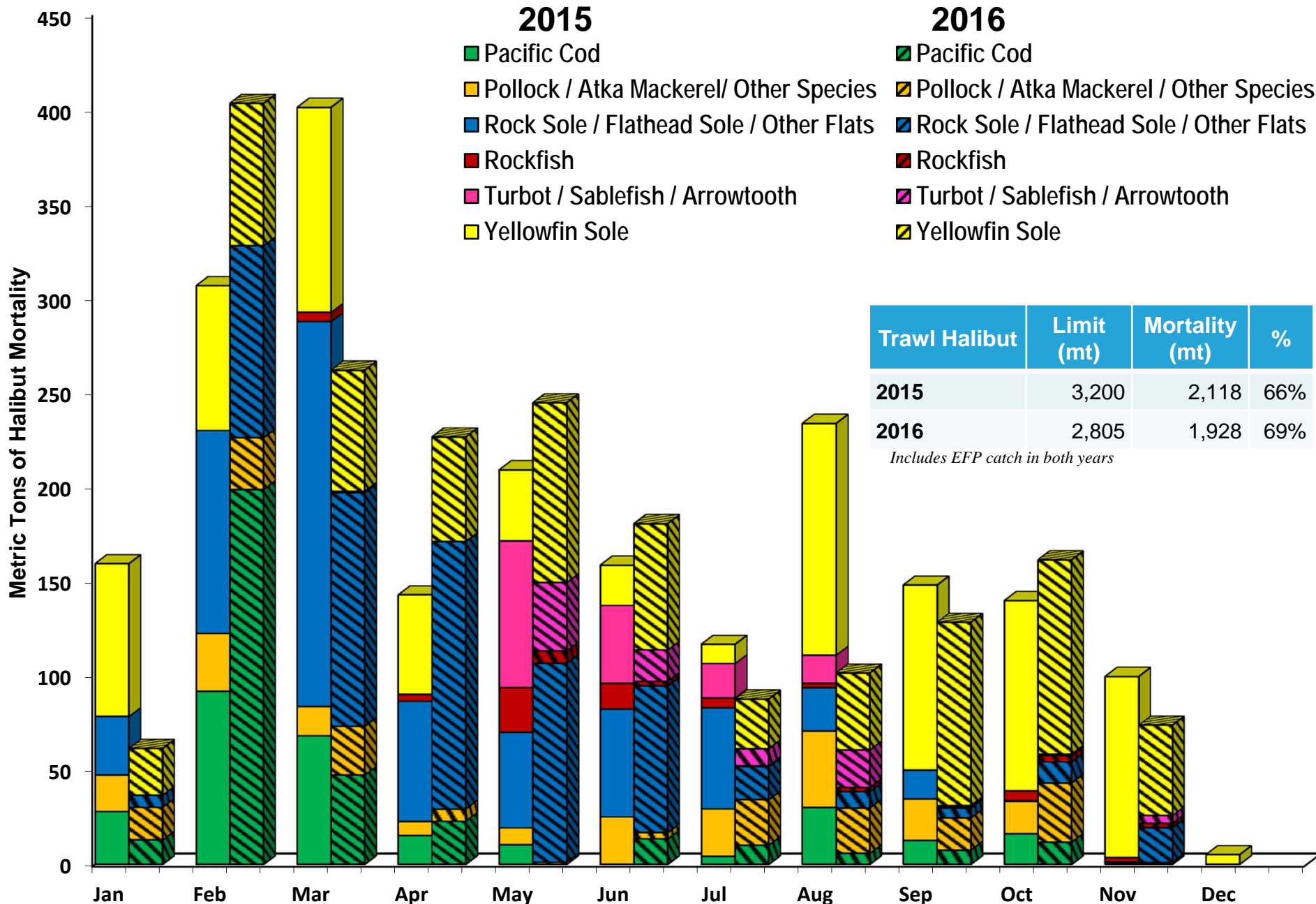
- ** IFQ Halibut discard mortality rate is 16%
 - Gilroy, H.L. 2012. Incidental mortality of halibut in the commercial halibut fishery (Wastage). *Int. Pac. Halibut Comm. Report of Assessment and Research Activities*
- ** IFQ Sablefish and Pacific cod discard mortality rate is 11%.

Trawl Halibut Catch

Trip Target	Total Discard	Mortality	Limit
Arrowtooth / Kamchatka / Turbot	77	65	2,805
Atka Mackerel	103	84	
Flathead Sole / Other Flatfish	61	42	
Pacific Cod	486	321	
Pollock	106	92	
Rockfish	22	18	
Rock Sole	619	532	
Yellowfin Sole	702	589	
EFP Catch	na	185	
TOTAL	2,176 *	1,928	

* Total Discard does not include EFP catch.

2015 / 2016 BSAI Trawl Halibut Mortality



2016 BSAI Reduction in Halibut Mortality Compared to 5 year Average

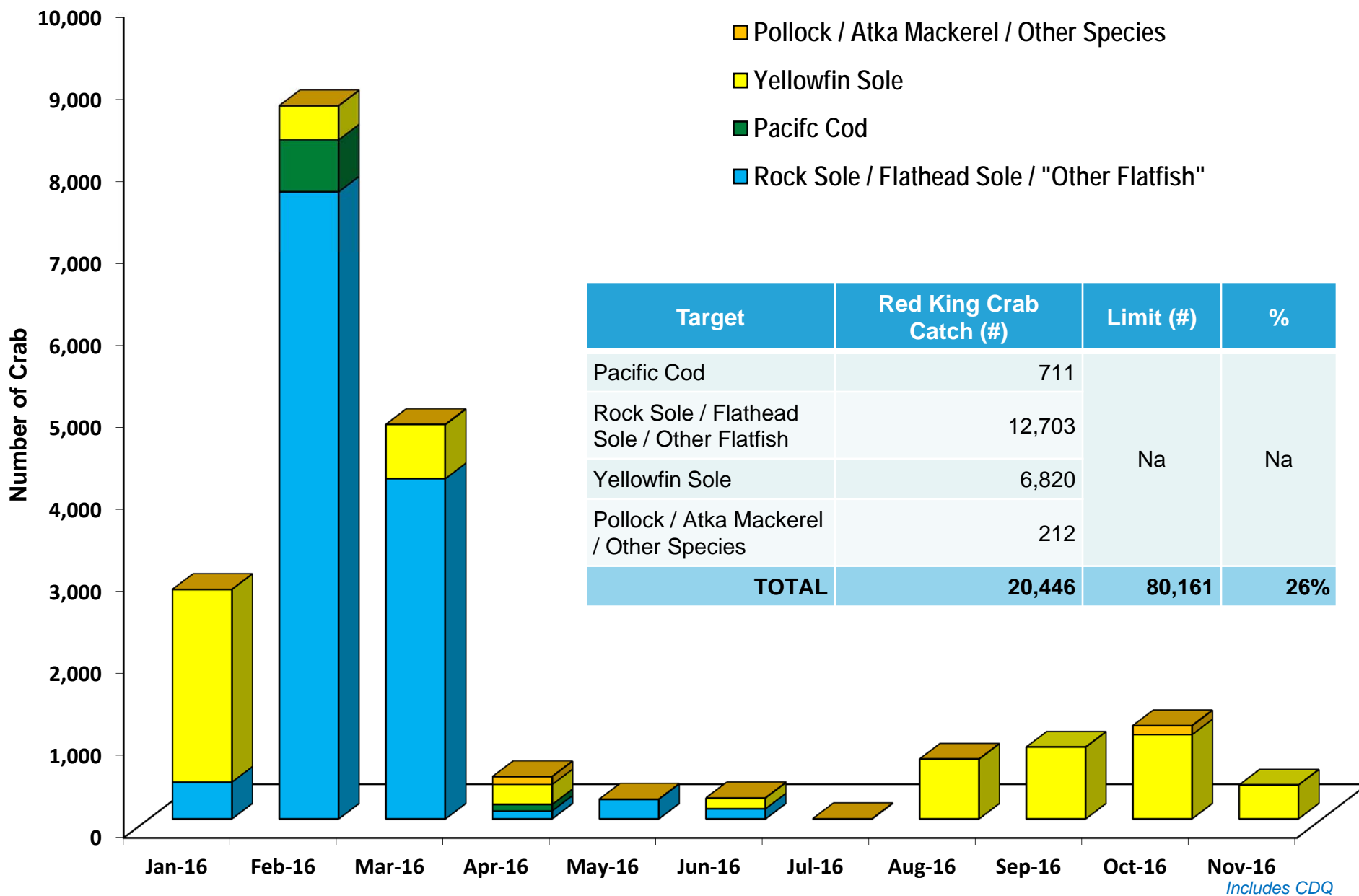
Sector	2011-2015 Average (mt)	2016 (mt)	% Change (mt)	2011-2015 Rate*	2016 Rate*	% Change (Rate)
Hook-and-line						
Catcher/Processors	437	181	-59%	3.20	1.37	-57%
Catcher Vessels	3	0	-100%	2.68	1.33	-50%
Total	439	181	-59%	3.20	1.37	-57%
Non-Pelagic Trawl						
Amendment 80 Catcher/Processors	1,946	1,327	-32%	6.00	4.33	-28%
AFA Catcher/Processors	123	109	-11%	3.96	5.29	34%
Catcher Vessels	349	410	18%	6.19	6.64	7%
Total	2,418	1,846	-24%	5.87	4.75	-19%
Pelagic Trawl						
AFA Catcher/Processors	133	64	-52%	0.30	0.13	-55%
AFA Catcher Vessels	80	19	-76%	0.12	0.03	-78%
Total	214	83	-61%	0.19	0.07	-63%
CDQ						
Hook-and-line Vessels	49	23	-52%	2.30	1.26	-45%
Non-pelagic Trawl Vessels	163	113	-31%	4.47	2.83	-37%
Pelagic Trawl Vessels	18	9	-52%	0.14	0.06	-56%
Total	230	145	-37%	1.25	0.74	-41%
TOTAL	3,301	2,255	-32%	1.79	1.19	-34%

* Rate is kg of halibut / mt of groundfish

2016 BSAI Reduction in Halibut Mortality Compared to 2015

Sector	2015 (mt)	2016 (mt)	% Change (mt)	2015 Rate*	2016 Rate*	% Change (Rate)	
Hook-and-line							
Catcher/Processors	292	181	-38%	1.99	1.37	-31%	
Catcher Vessels	2	0	-100%	1.96	1.33	-32%	
Total	293	181	-38%	1.99	1.37	-31%	
Non-Pelagic Trawl							
Amendment 80 Catcher/Processors	1,633	1,327	-19%	5.33	4.33	-19%	
AFA Catcher/Processors	71	109	54%	4.65	5.29	14%	
Catcher Vessels	310	410	32%	6.01	6.64	11%	
Total	2,014	1,846	-8%	5.40	4.75	-12%	
Pelagic Trawl							
AFA Catcher/Processors	104	83	-20%	0.16	0.13	-15%	
AFA Catcher Vessels	74	64	-13%	0.04	0.03	-39%	
Total	30	19	-38%	0.09	0.07	-22%	
CDQ							
Hook-and-line Vessels	22	23	5%	1.04	1.26	22%	
Non-pelagic Trawl Vessels	100	113	13%	2.74	2.83	3%	
Pelagic Trawl Vessels	8	9	15%	0.06	0.06	12%	
Total	130	145	12%	0.68	0.74	10%	
<i>* Rate is kg of halibut / mt of groundfish</i>	TOTAL	2,541	2,255	-11%	1.36	1.19	-12%

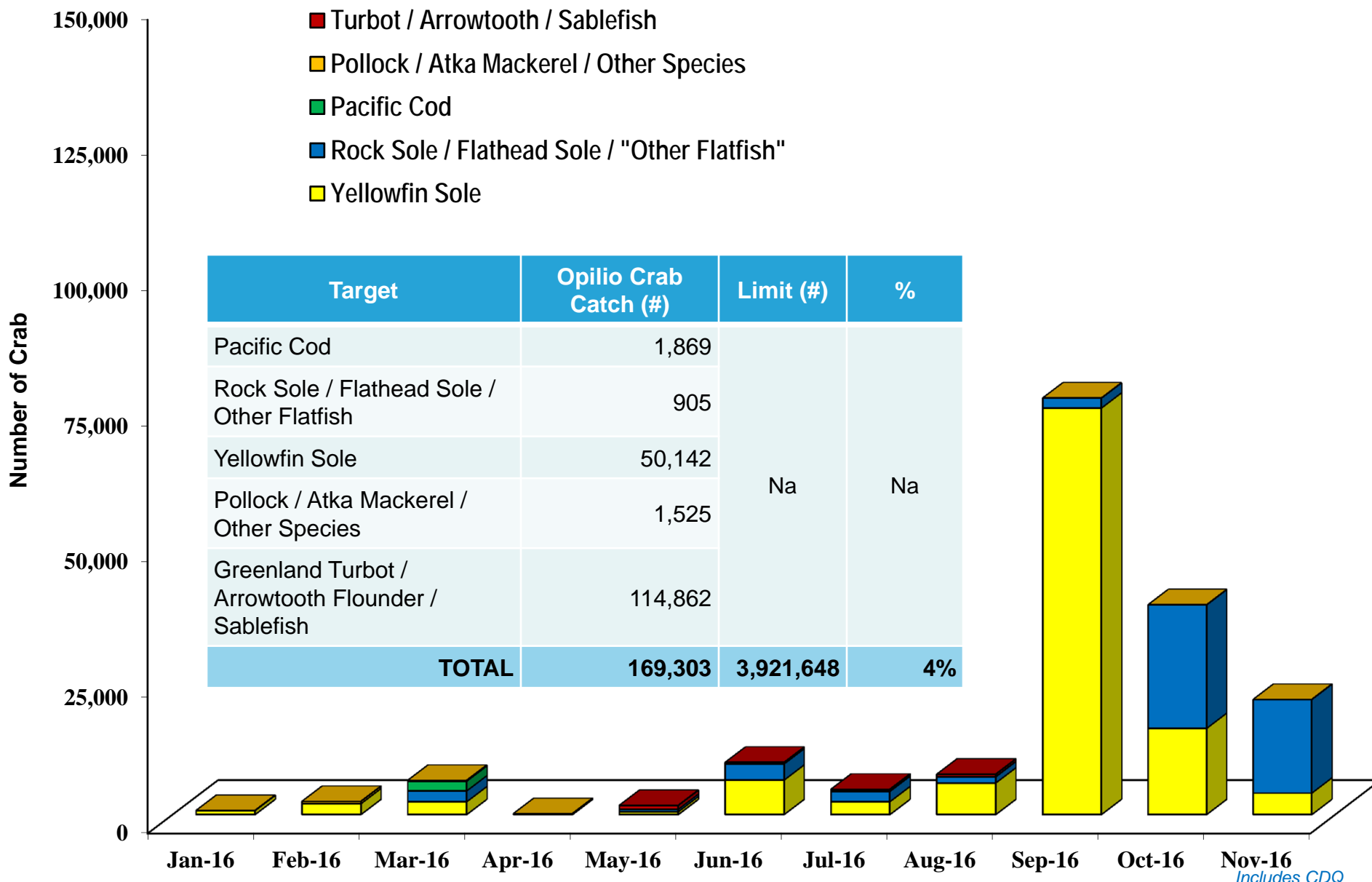
2016 Zone 1 Trawl Red King Crab Incidental Catch by Target



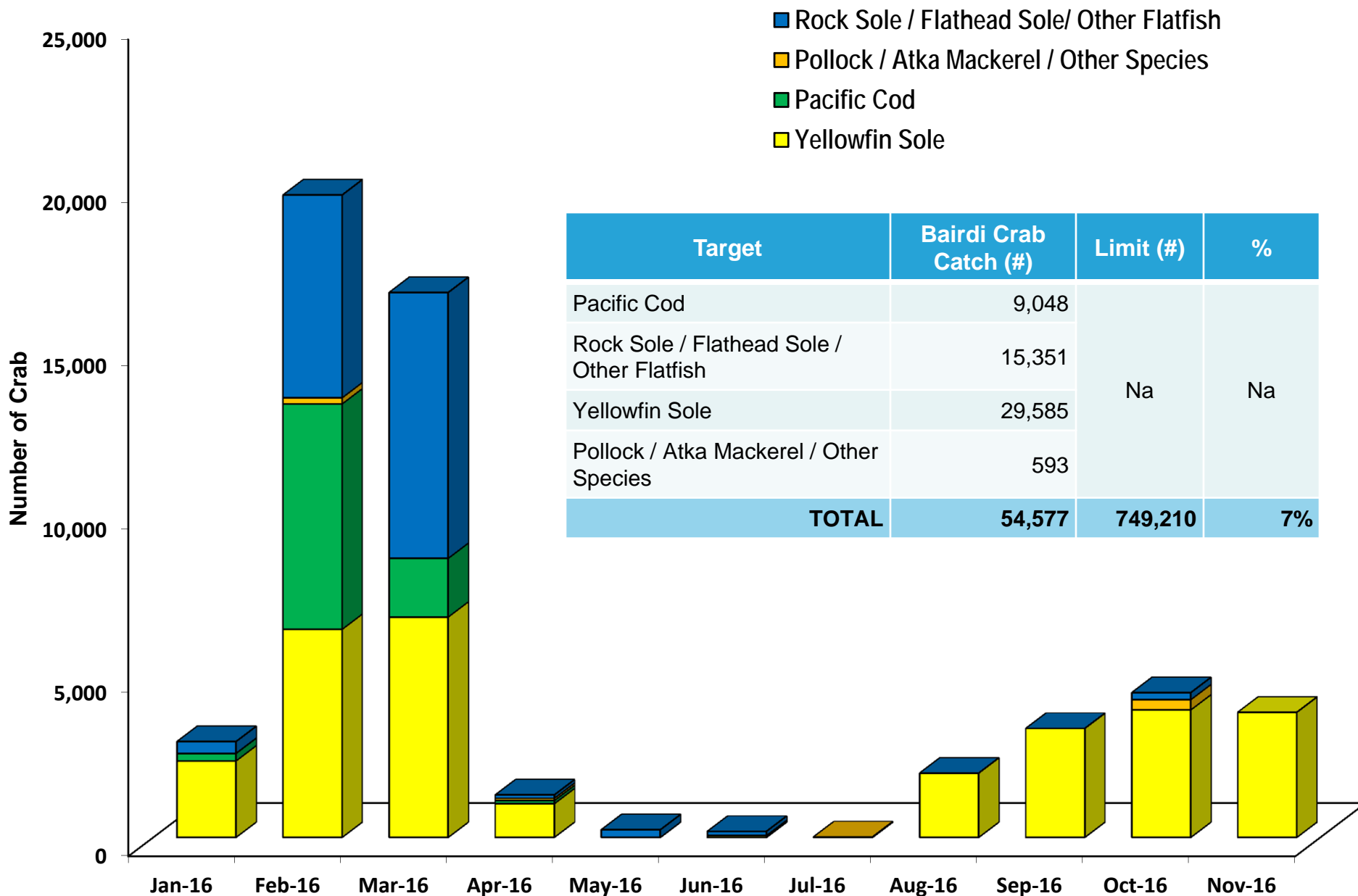
Target	Red King Crab Catch (#)	Limit (#)	%
Pacific Cod	711	Na	Na
Rock Sole / Flathead Sole / Other Flatfish	12,703		
Yellowfin Sole	6,820		
Pollock / Atka Mackerel / Other Species	212		
TOTAL	20,446	80,161	26%

Includes CDQ

2016 COBLZ Trawl Opilio Crab Incidental Catch by Target

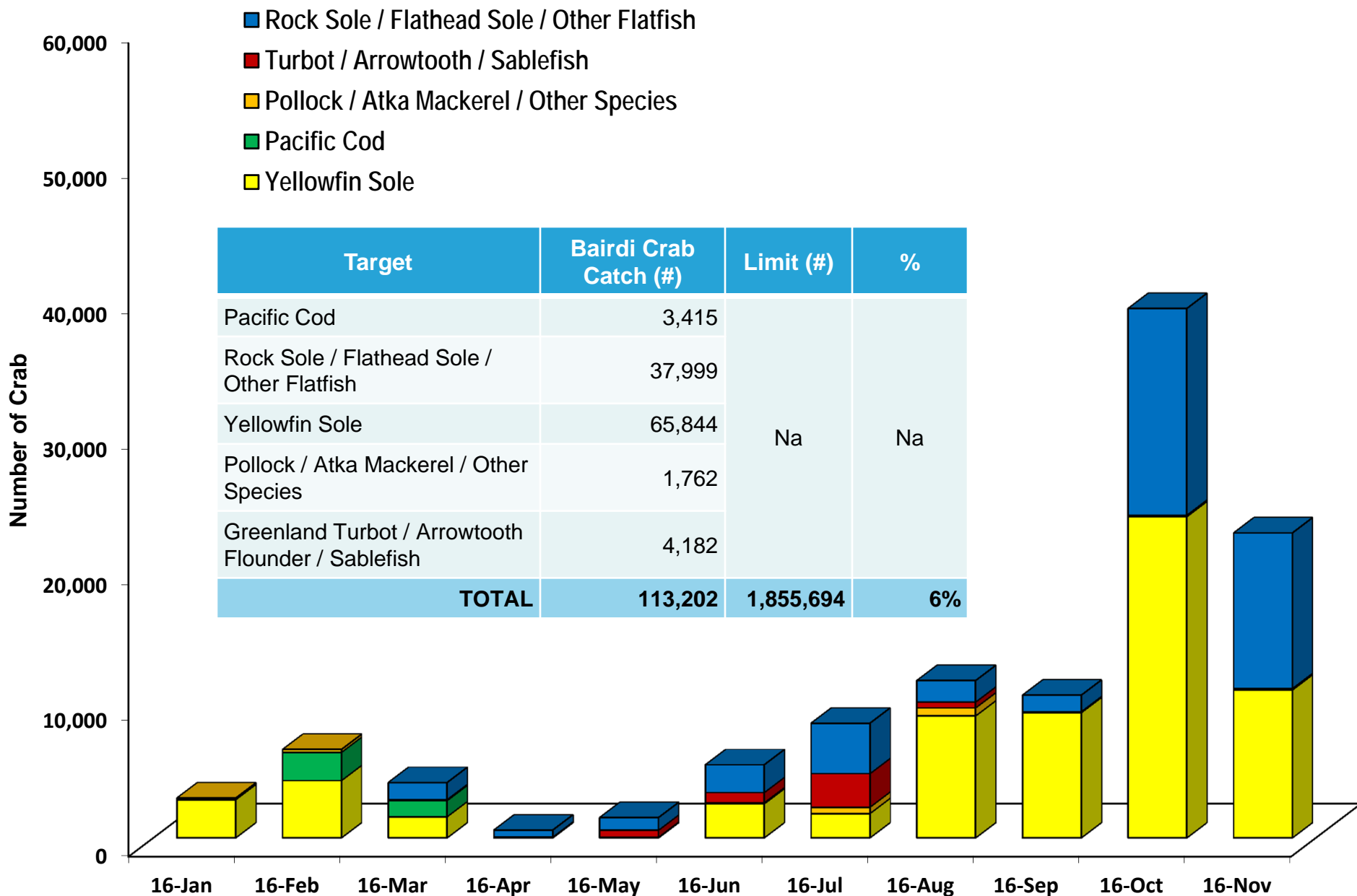


2016 Zone 1 Trawl Bairdi Crab Incidental Catch by Target

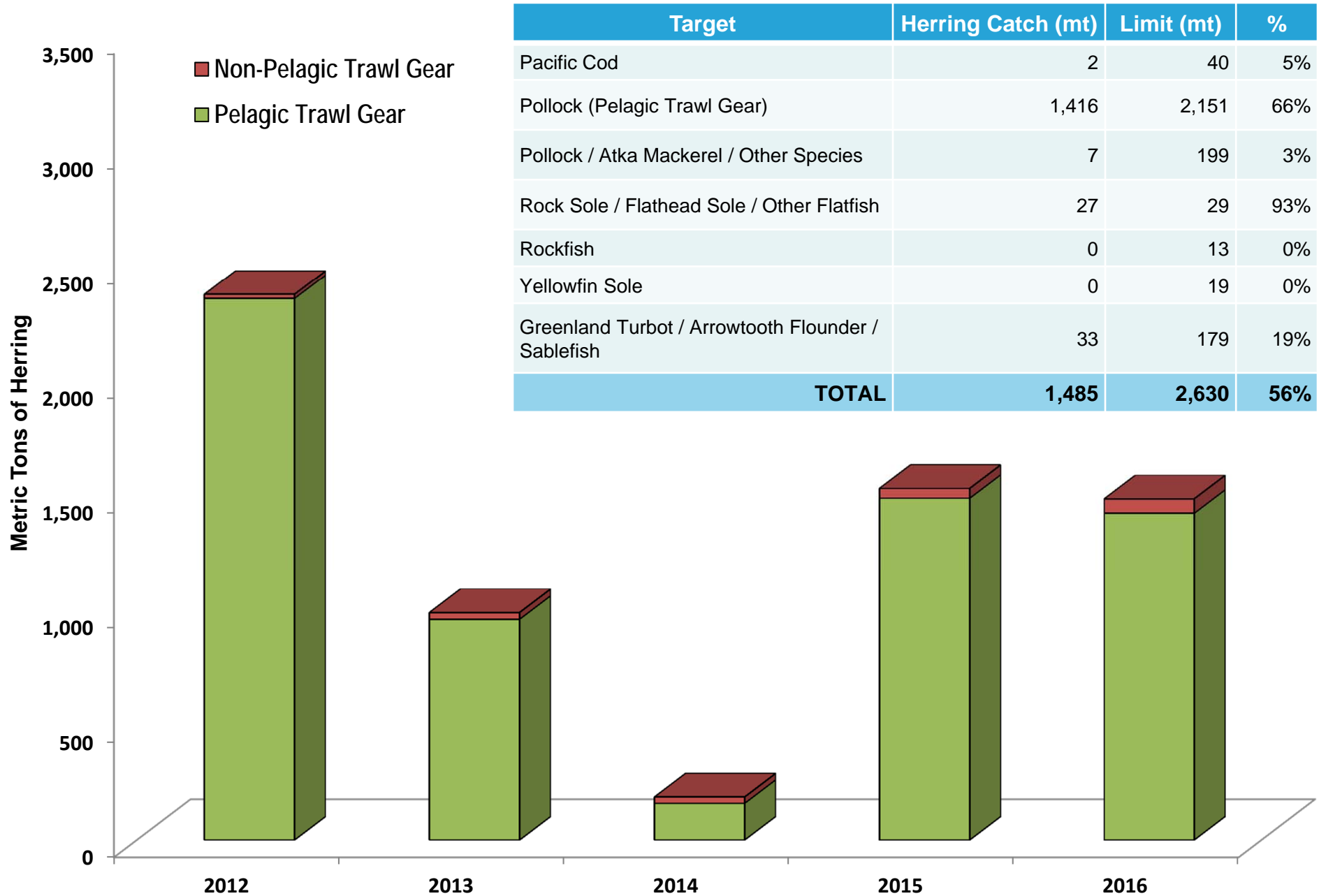


Target	Bairdi Crab Catch (#)	Limit (#)	%
Pacific Cod	9,048	Na	Na
Rock Sole / Flathead Sole / Other Flatfish	15,351		
Yellowfin Sole	29,585		
Pollock / Atka Mackerel / Other Species	593		
TOTAL	54,577	749,210	7%

2016 Zone 2 Trawl Bairdi Crab Incidental Catch by Target

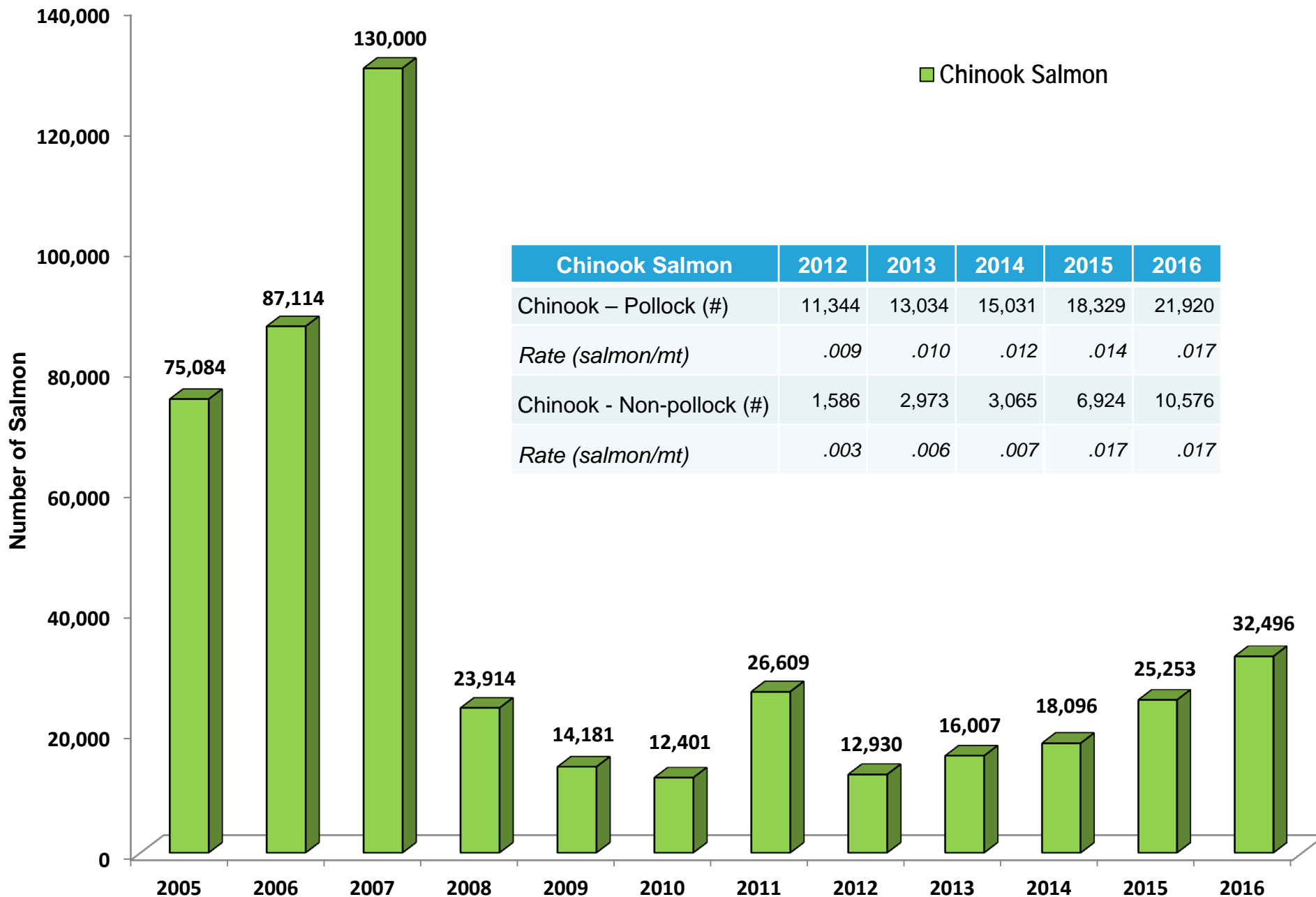


BSAI Trawl Herring Incidental Catch



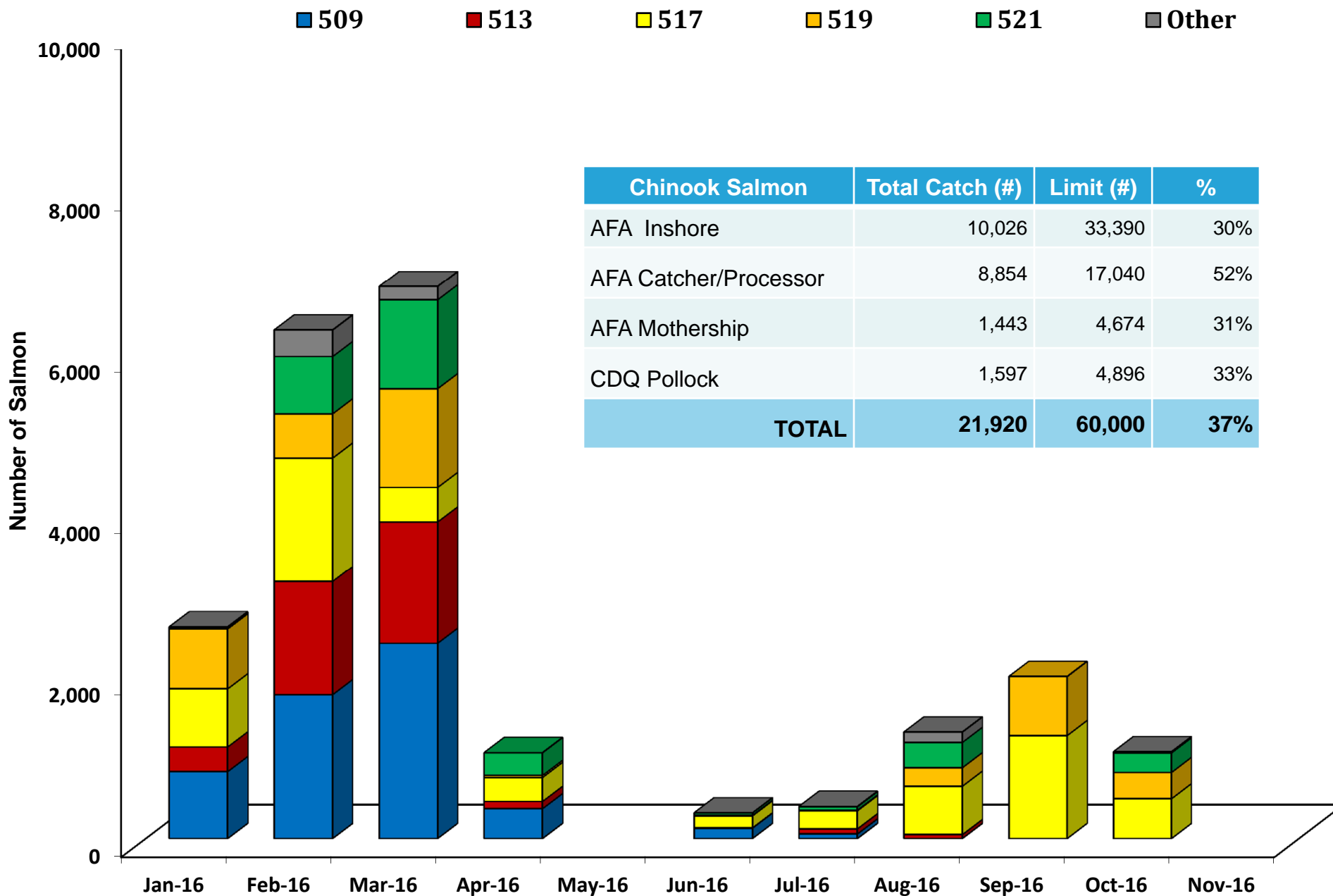
Target	Herring Catch (mt)	Limit (mt)	%
Pacific Cod	2	40	5%
Pollock (Pelagic Trawl Gear)	1,416	2,151	66%
Pollock / Atka Mackerel / Other Species	7	199	3%
Rock Sole / Flathead Sole / Other Flatfish	27	29	93%
Rockfish	0	13	0%
Yellowfin Sole	0	19	0%
Greenland Turbot / Arrowtooth Flounder / Sablefish	33	179	19%
TOTAL	1,485	2,630	56%

BSAI Trawl Chinook Salmon Incidental Catch



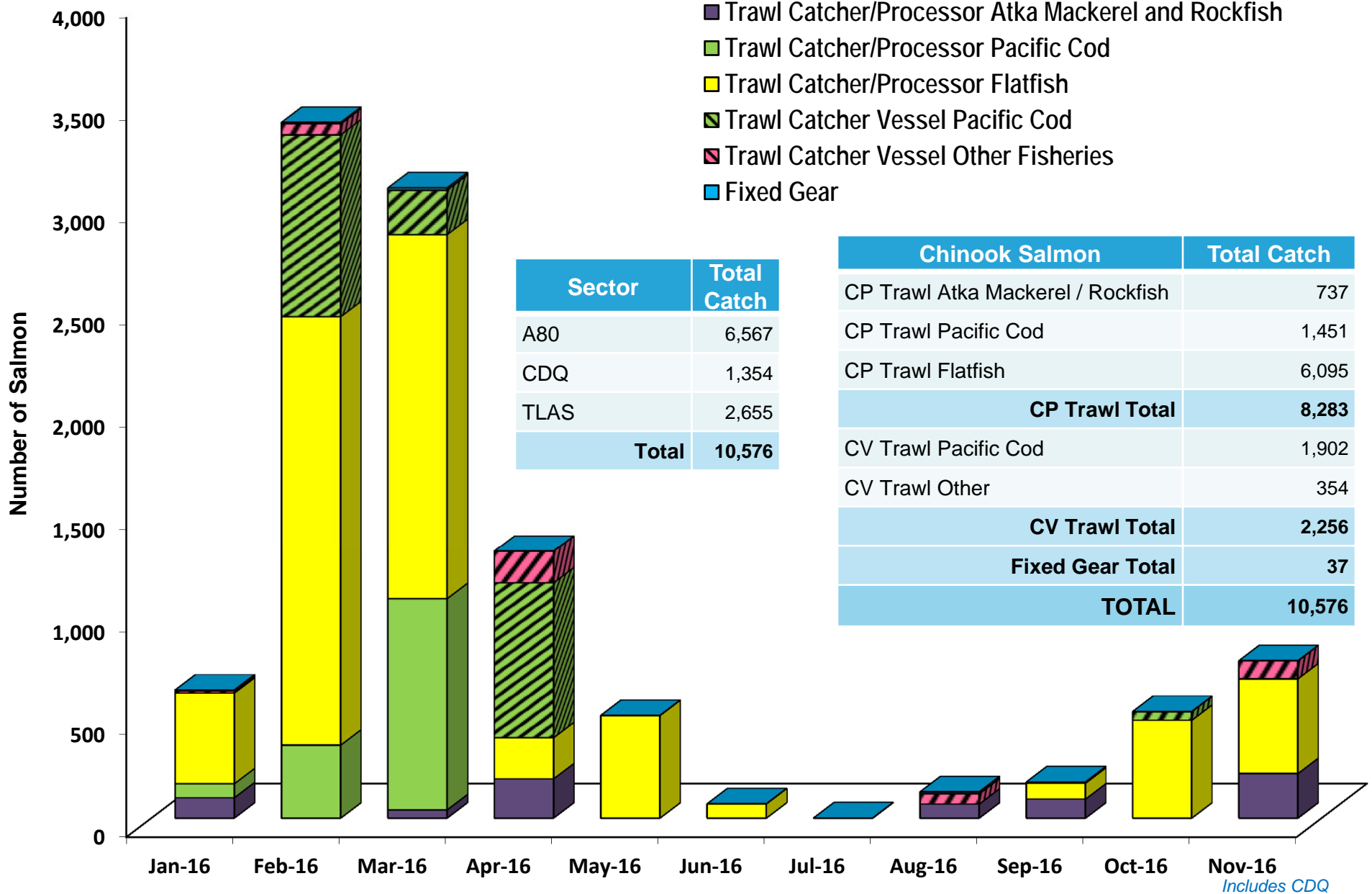
Chinook Salmon	2012	2013	2014	2015	2016
Chinook – Pollock (#)	11,344	13,034	15,031	18,329	21,920
<i>Rate (salmon/mt)</i>	.009	.010	.012	.014	.017
Chinook - Non-pollock (#)	1,586	2,973	3,065	6,924	10,576
<i>Rate (salmon/mt)</i>	.003	.006	.007	.017	.017

BSAI Pollock Fishery Chinook Salmon Incidental Catch

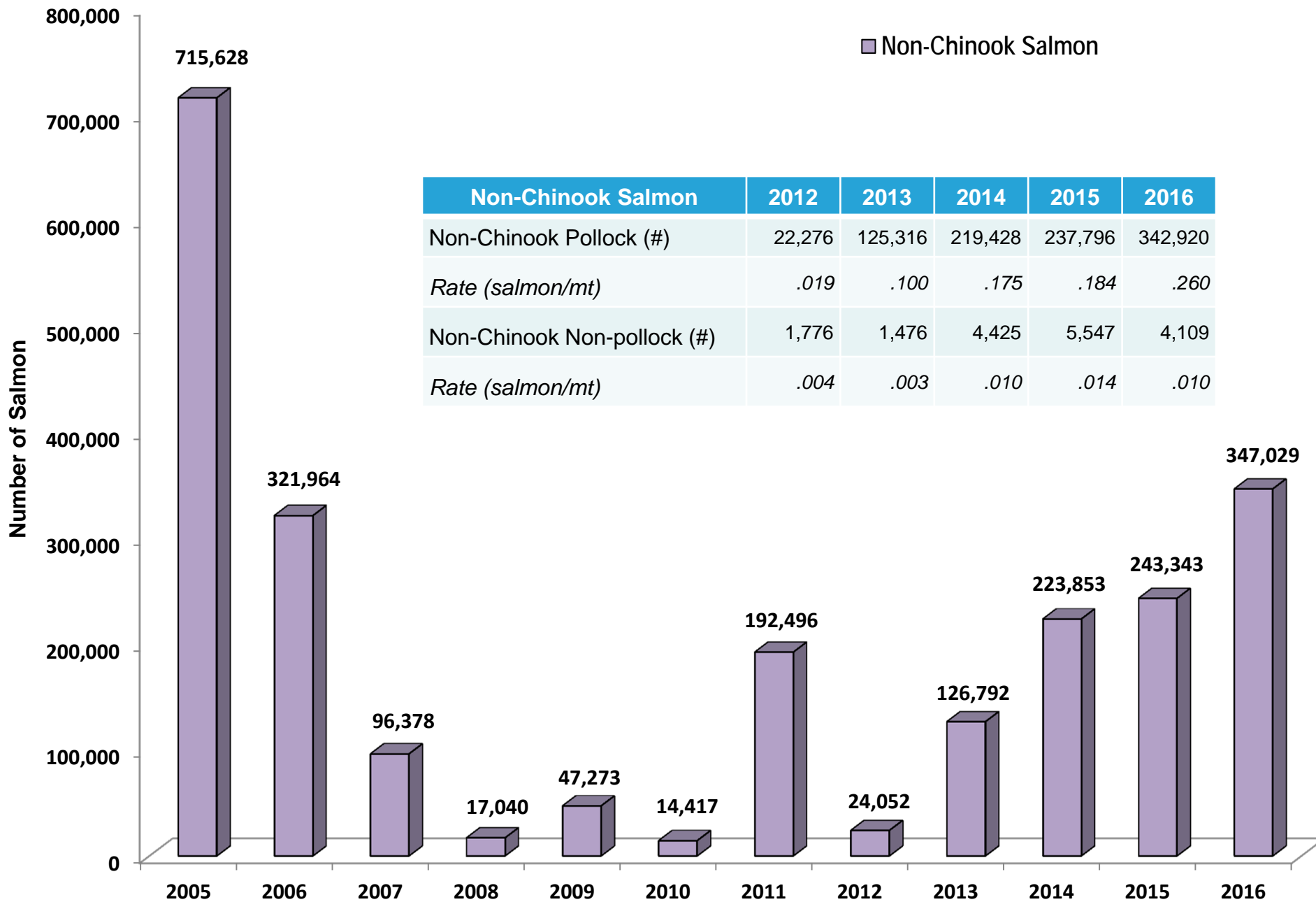


Chinook Salmon	Total Catch (#)	Limit (#)	%
AFA Inshore	10,026	33,390	30%
AFA Catcher/Processor	8,854	17,040	52%
AFA Mothership	1,443	4,674	31%
CDQ Pollock	1,597	4,896	33%
TOTAL	21,920	60,000	37%

2016 Non-Pollock Fishery Chinook Salmon Incidental Catch by Fishery and Sector

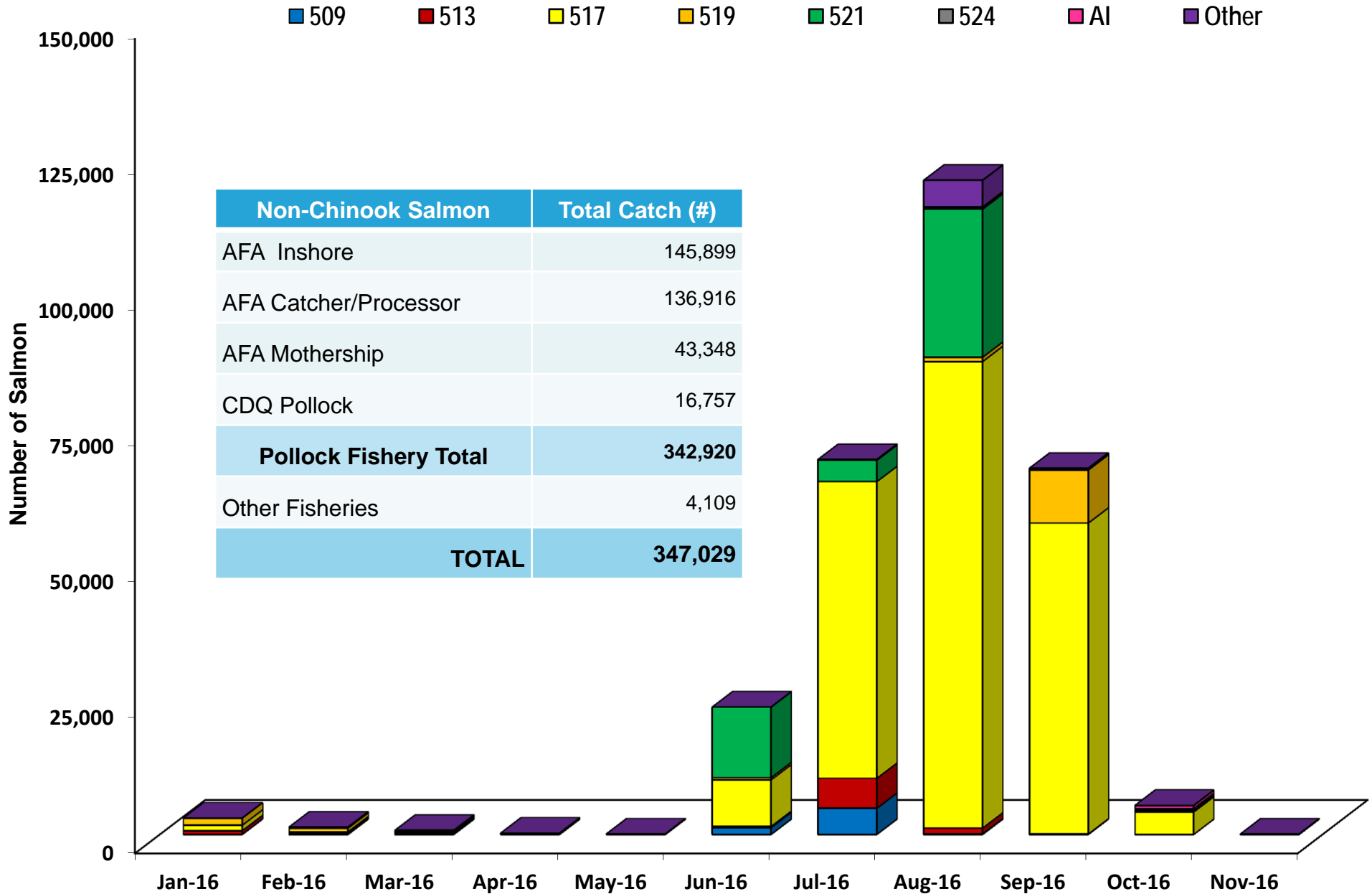


BSAI Trawl Non-Chinook Salmon Incidental Catch



Non-Chinook Salmon	2012	2013	2014	2015	2016
Non-Chinook Pollock (#)	22,276	125,316	219,428	237,796	342,920
<i>Rate (salmon/mt)</i>	.019	.100	.175	.184	.260
Non-Chinook Non-pollock (#)	1,776	1,476	4,425	5,547	4,109
<i>Rate (salmon/mt)</i>	.004	.003	.010	.014	.010

BSAI Trawl Non-Chinook Salmon Incidental Catch



Acknowledgements (BSAI and GOA)

Industry Reports:

Catcher vessels

- 1,403 unique vessels with approximately 16,028 landings to 80 unique processors

Catcher processors

- 73 unique vessels fishing approximately 12,500 vessel days

Observer Program

- 50 FMA staff
- 833 contracts of observers

Elandings Team

- ADF&G, IPHC and Enforcement

Inseason Staff

- Mary Furuness
- Josh Keaton
- Obren Davis
- Steve Whitney (A80, Rockfish, CDQ)
- Krista Milani (Dutch Harbor)

Information Services

- 8 Application Development Staff
- 7 Contractors

Permits Staff

- Restricted Access Management

Catch accounting Staff

- Jennifer Mondragon
- Jason Gasper
- Cathy Tide
- Steve Lewis
- Jennifer Watson (Scales)
- Vernon Shoemaker (Scales)
- Suja Hall (Elandings)
- Bill Donaldson (Kodiak)