Bering Sea and Aleutian Islands Inseason Management Report December 2014

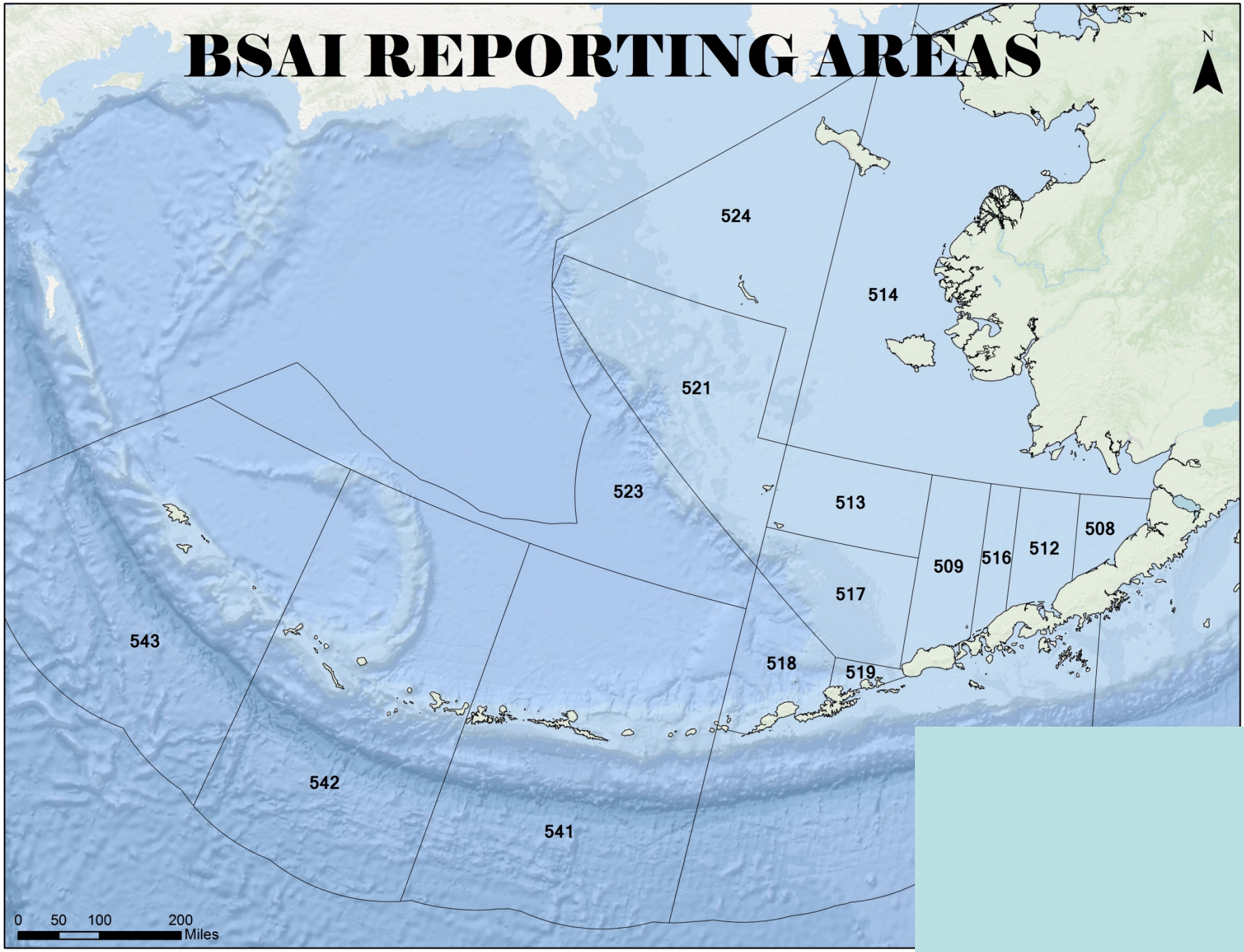
Catch data are through November 22, 2014

Management reports can be found at:

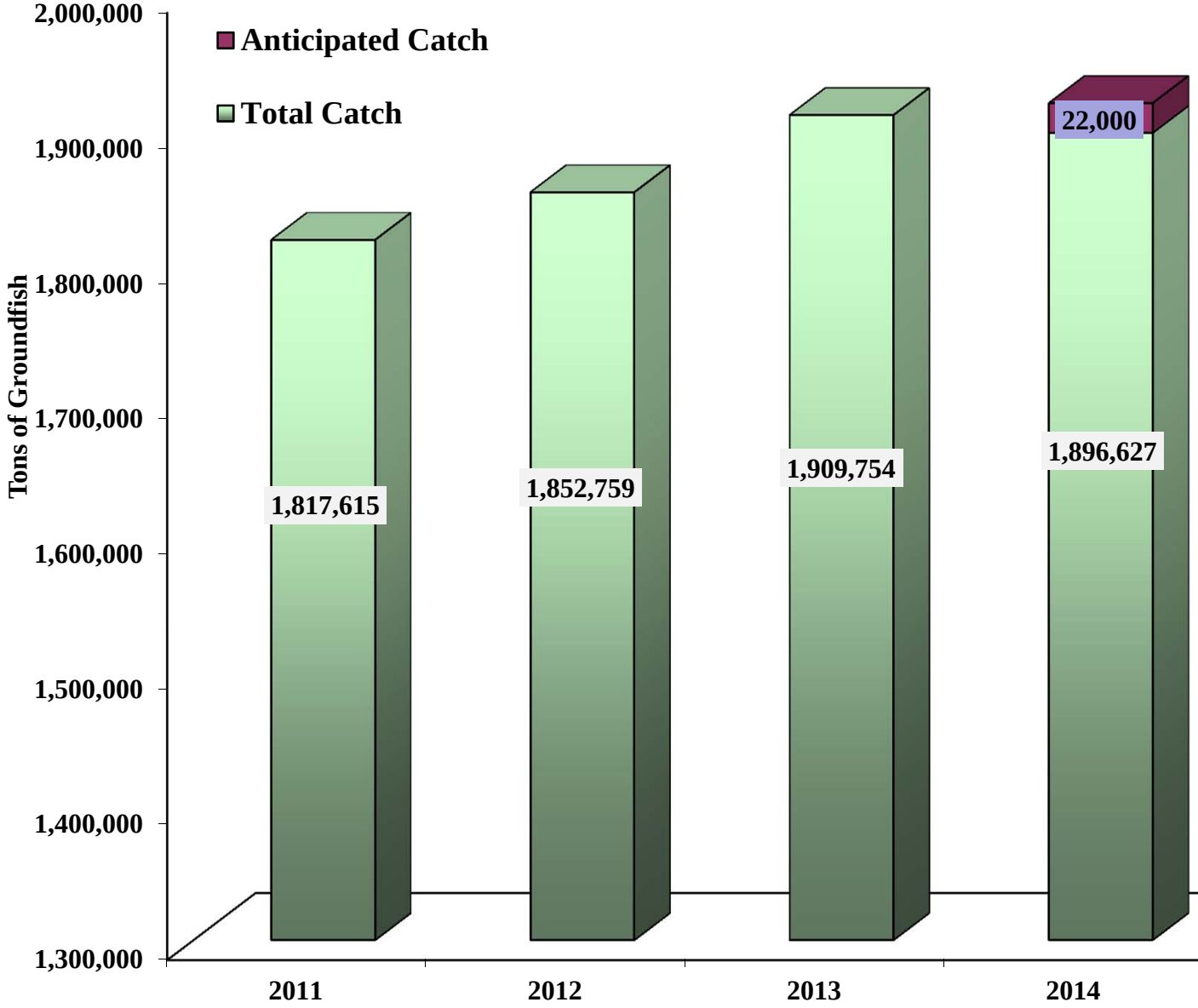
http://alaskafisheries.noaa.gov/sustainablefisheries/inseason/default.htm

Report Prepared by:
Josh Keaton
November, 2014

BSAI REPORTING AREAS



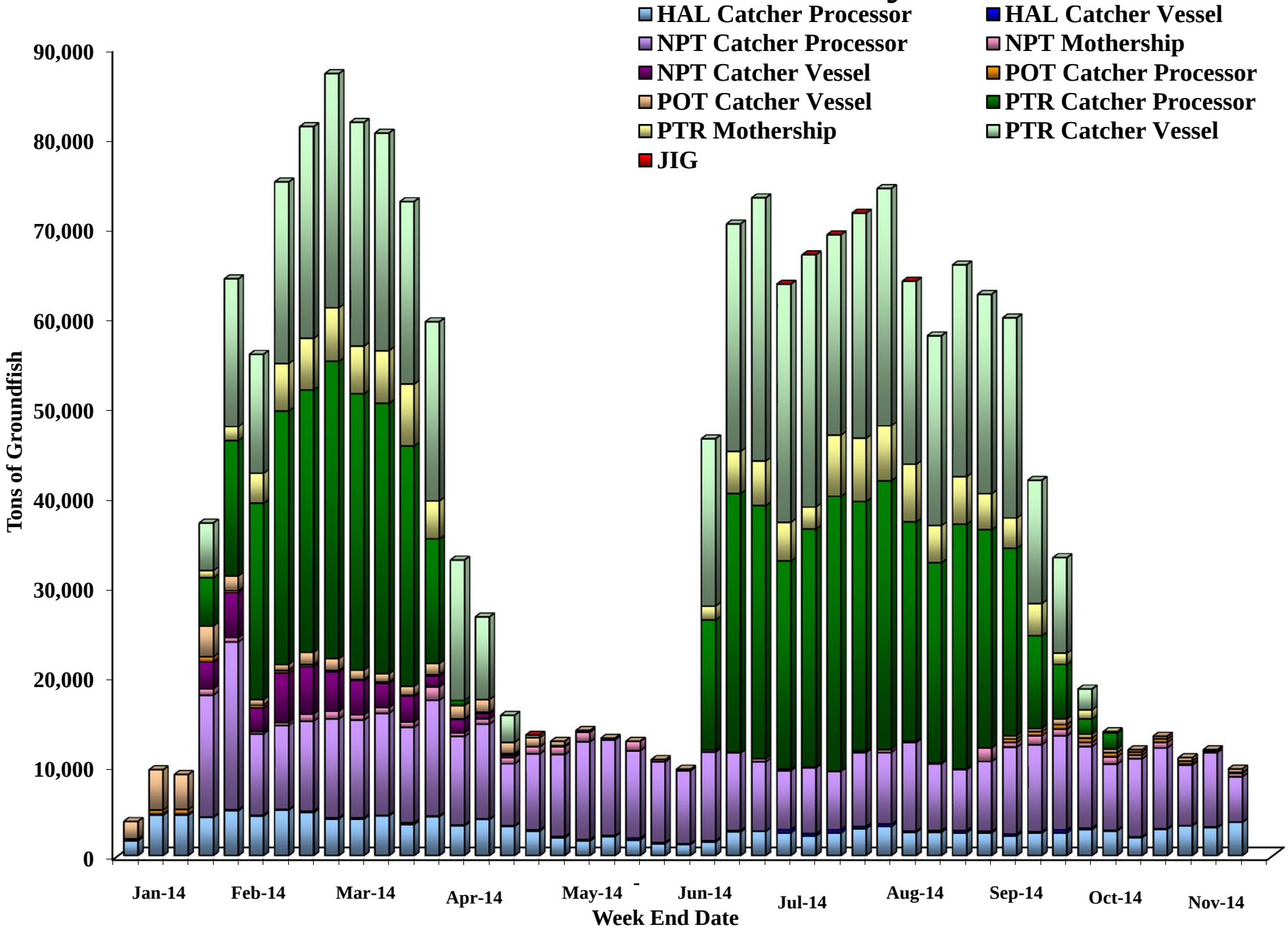
2011 - 2014 BSAI Total Catch



2011 TAC	1,995,796
Total Catch	**1,817,615**
TAC Left	178,181
2012 TAC	1,994,584
Total Catch	**1,852,759**
TAC Left	141,825
2013 TAC	2,000,000
Total Catch	**1,909,754**
TAC Left	90,246
2014 TAC*	1,998,351
Total Catch	**1,896,627**
Anticipated Catch	*22,000*
Total Catch *with Anticipated catch*	**1,918,627**
TAC Left	79,724

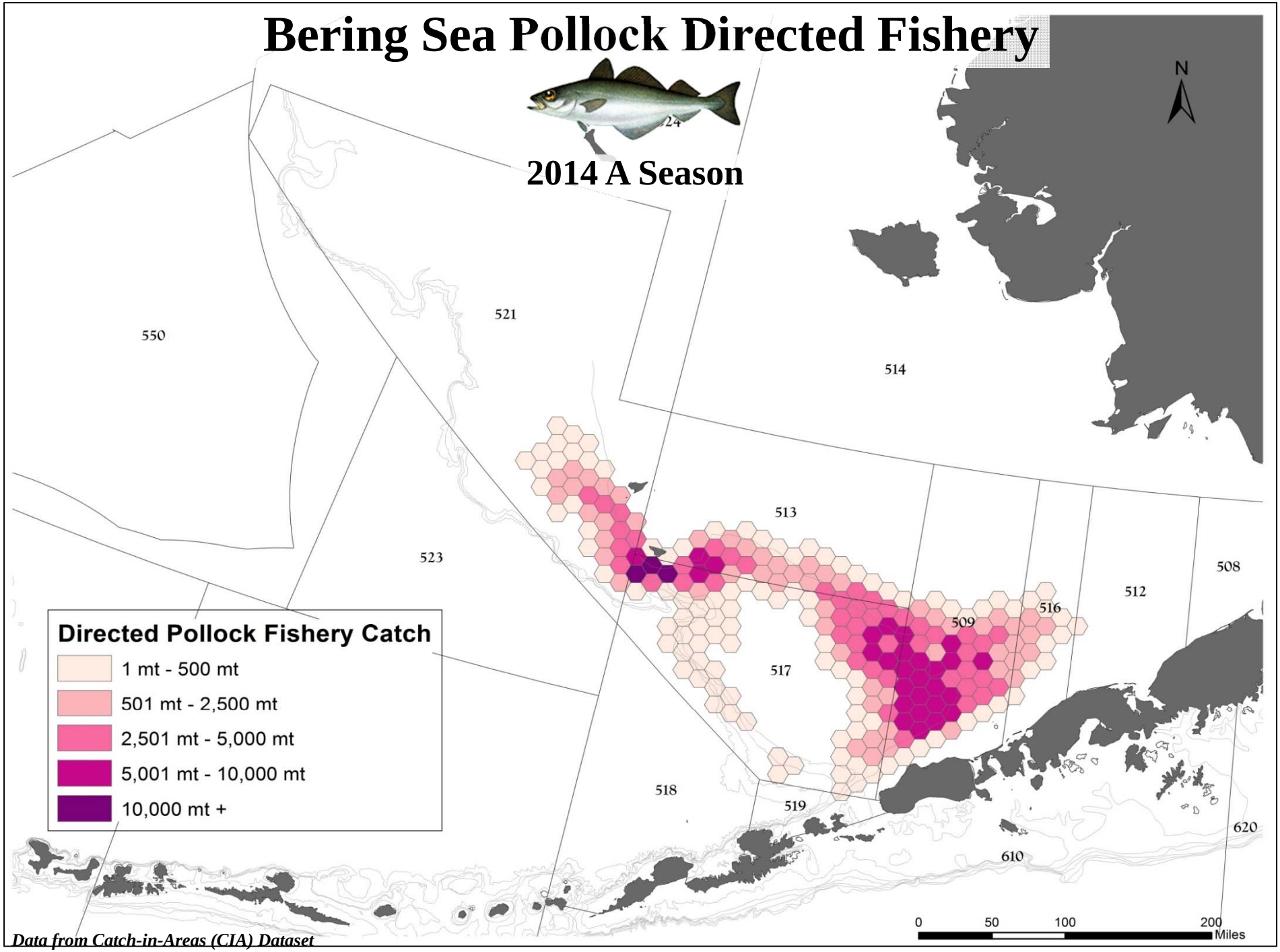
TAC does not include non-specified reserve amounts

2014 BSAI Total Groundfish Catch by Gear & Sector



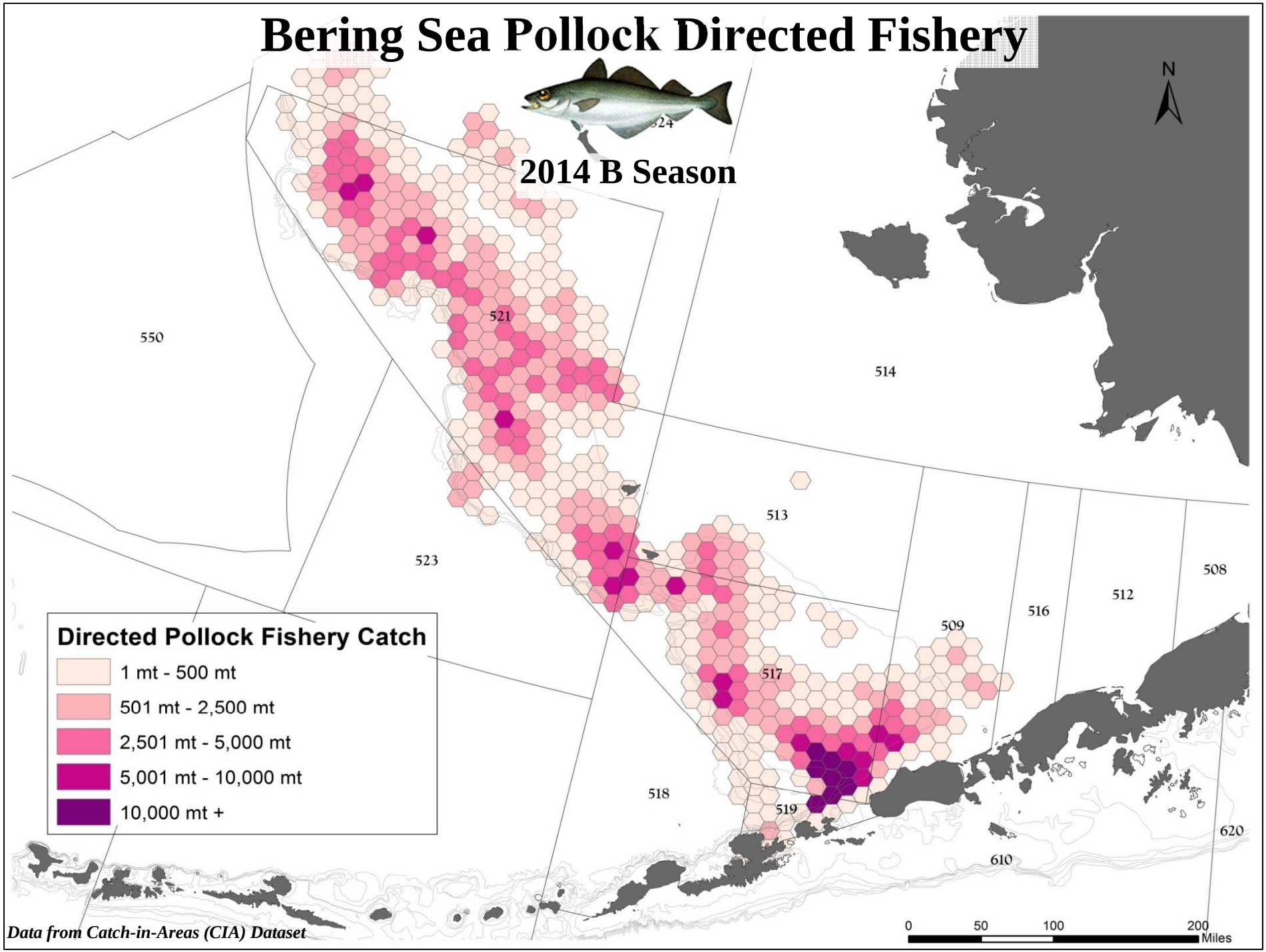
Bering Sea Pollock Directed Fishery

2014 A Season



Data from Catch-in-Areas (CIA) Dataset

Bering Sea Pollock Directed Fishery

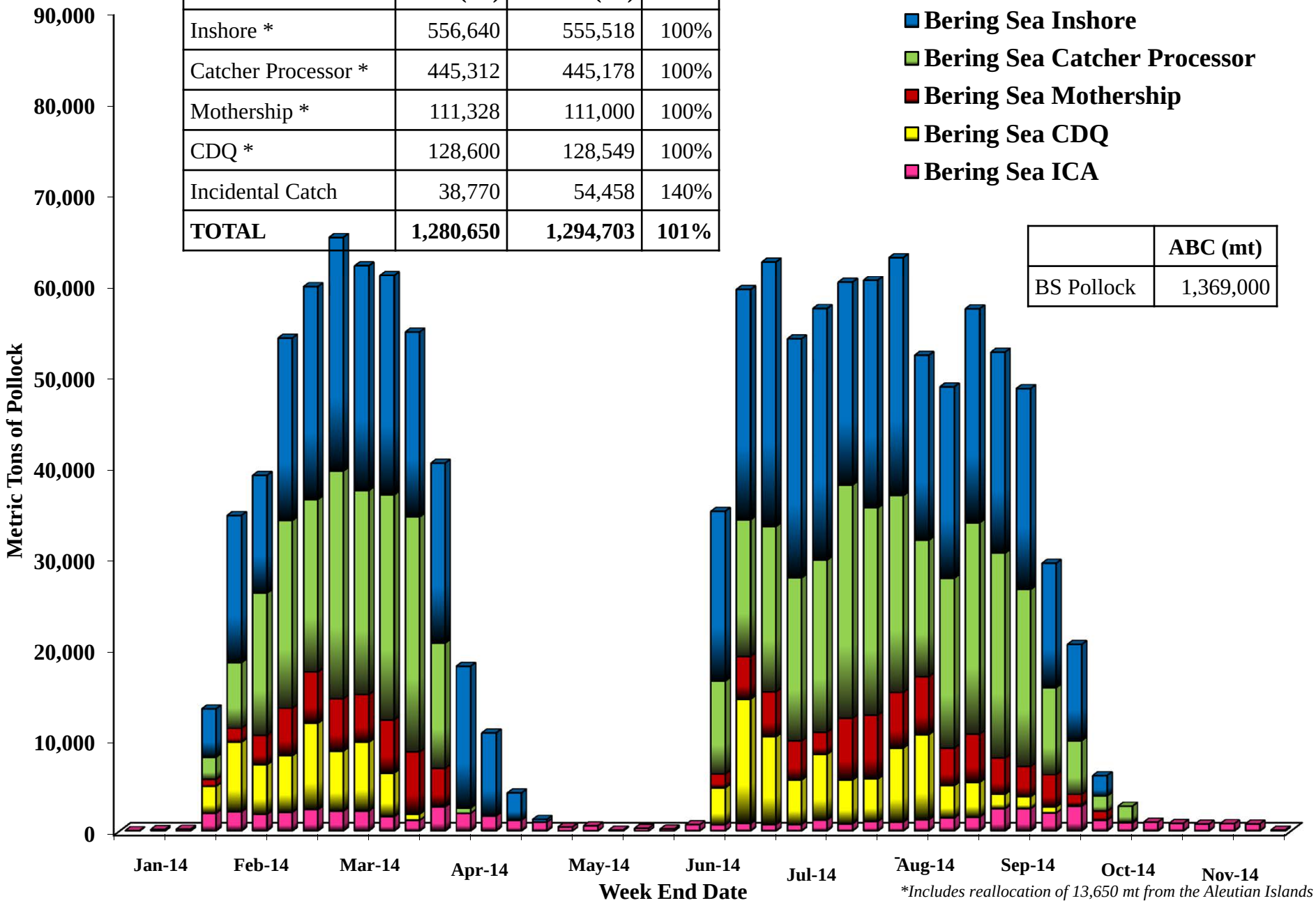


Data from Catch-in-Areas (CIA) Dataset

2014 Bering Sea Pollock Catch by Week and Sector

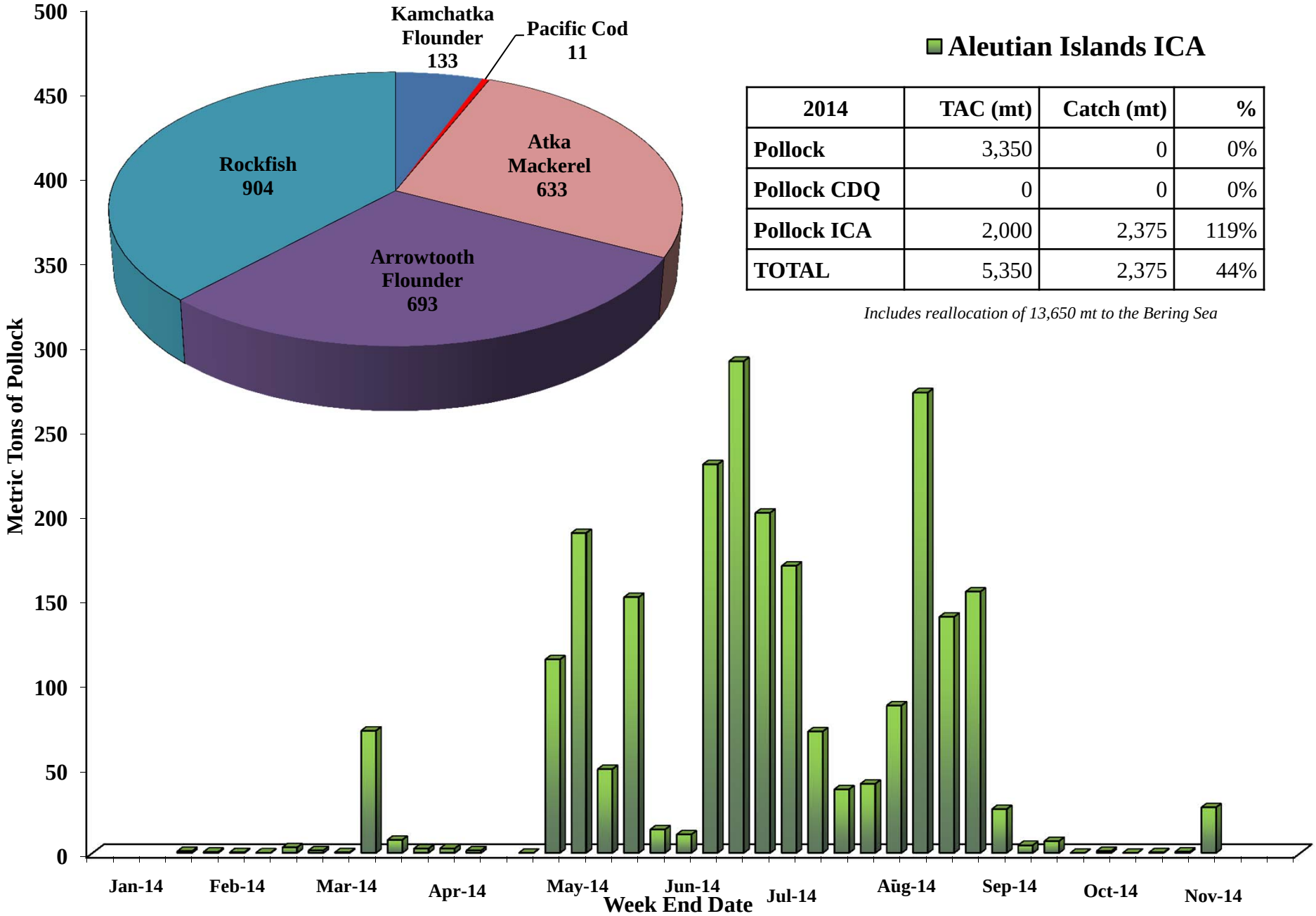
2014	TAC (mt)	Catch (mt)	%
Inshore *	556,640	555,518	100%
Catcher Processor *	445,312	445,178	100%
Mothership *	111,328	111,000	100%
CDQ *	128,600	128,549	100%
Incidental Catch	38,770	54,458	140%
TOTAL	**1,280,650**	**1,294,703**	**101%**

	ABC (mt)
BS Pollock	1,369,000



*Includes reallocation of 13,650 mt from the Aleutian Islands

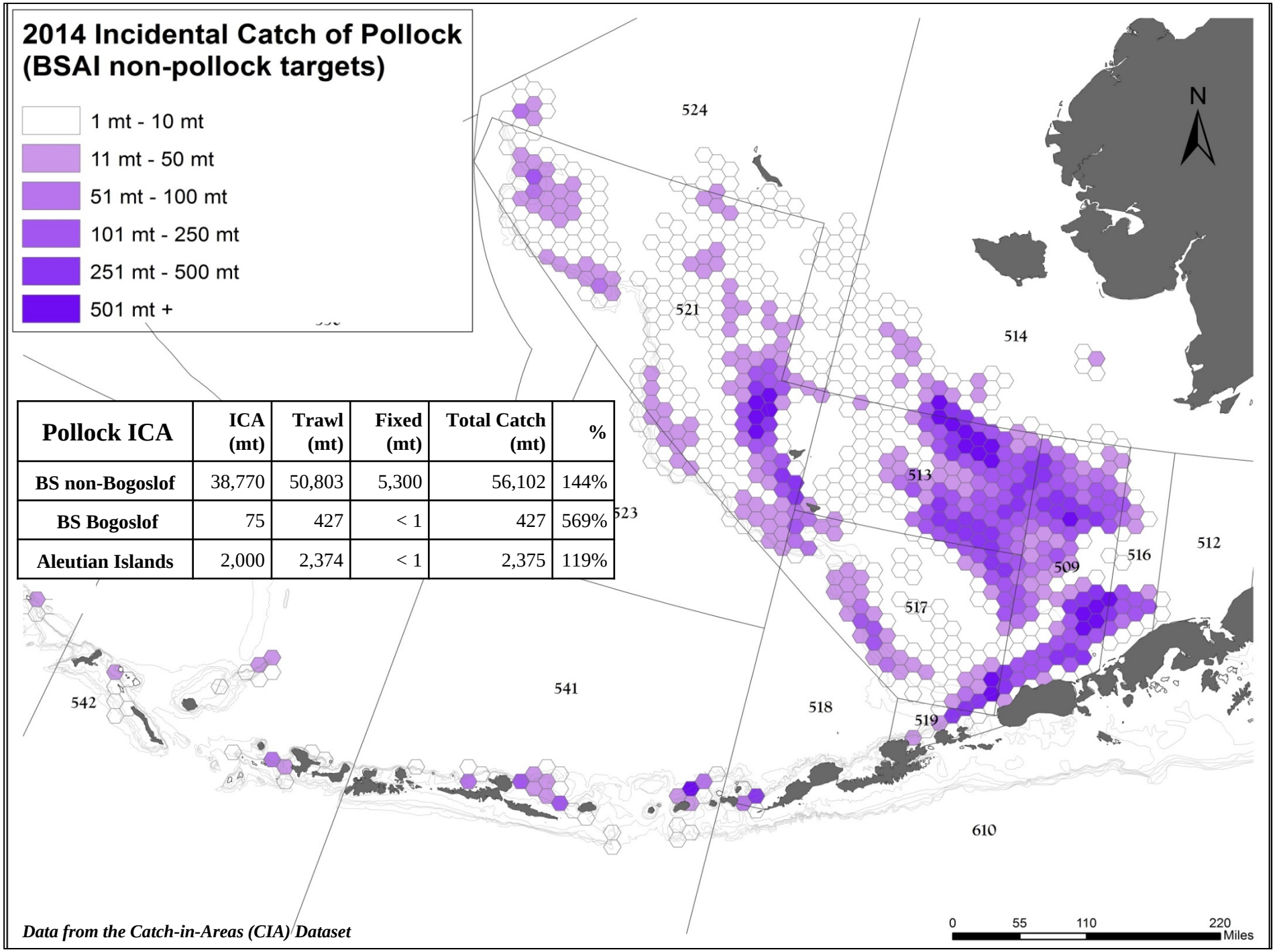
2014 Aleutian Islands Pollock Catch by Week and Sector



Aleutian Islands ICA

2014	TAC (mt)	Catch (mt)	%
Pollock	3,350	0	0%
Pollock CDQ	0	0	0%
Pollock ICA	2,000	2,375	119%
TOTAL	5,350	2,375	44%

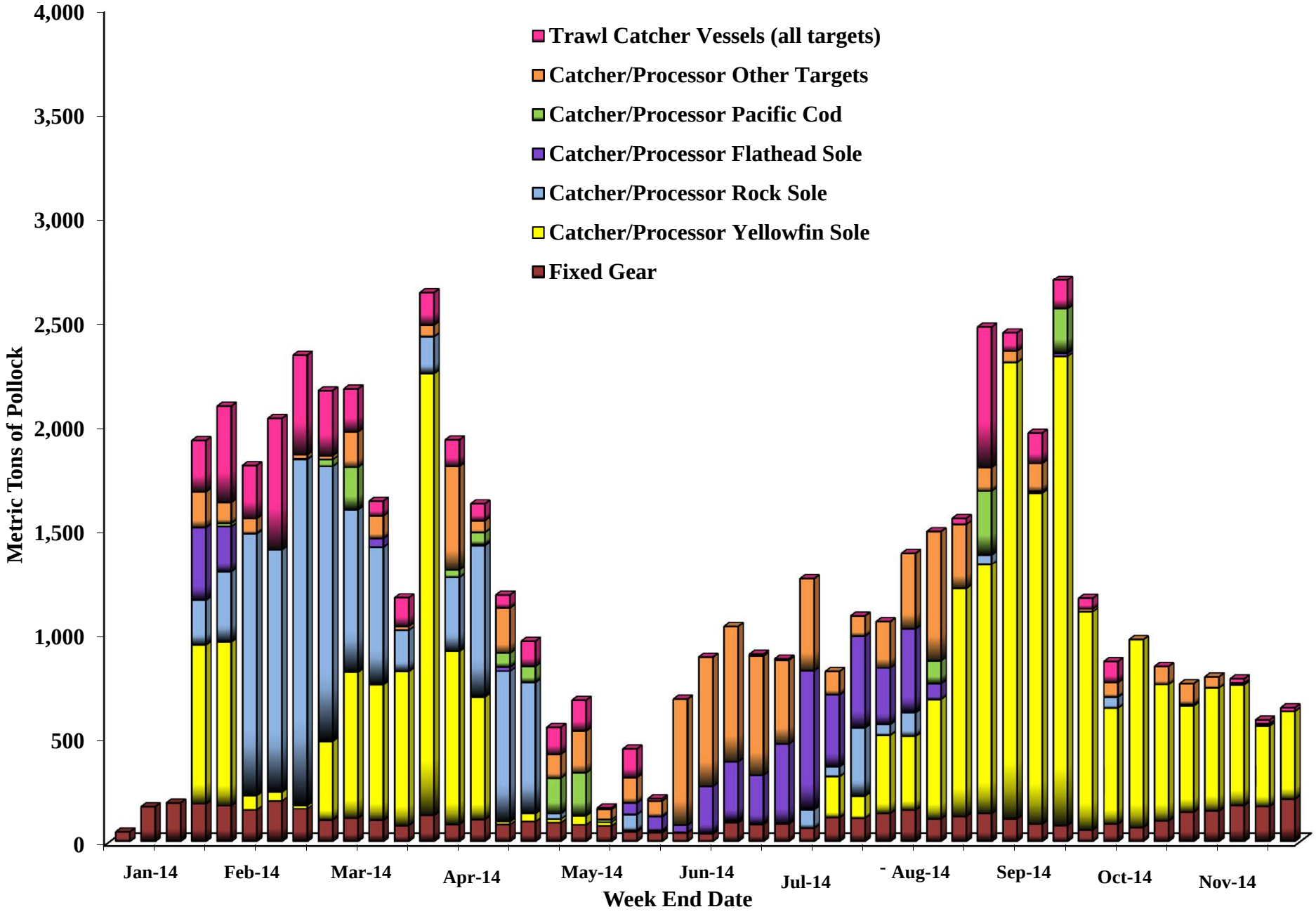
Includes reallocation of 13,650 mt to the Bering Sea



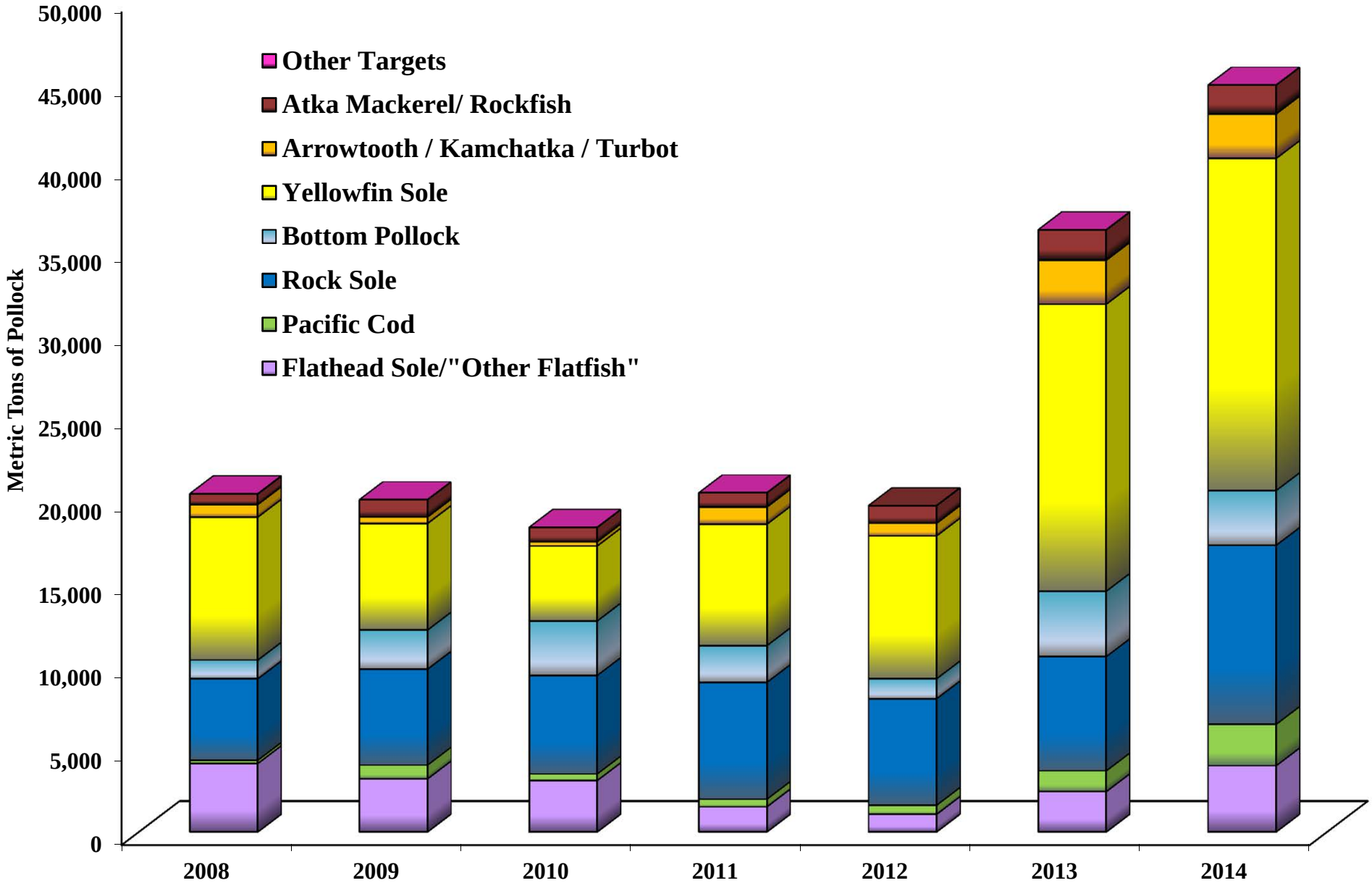
Pollock ICA	ICA (mt)	Trawl (mt)	Fixed (mt)	Total Catch (mt)	%
BS non-Bogoslof	38,770	50,803	5,300	56,102	144%
BS Bogoslof	75	427	< 1	427	569%
Aleutian Islands	2,000	2,374	< 1	2,375	119%

Data from the Catch-in-Areas (CIA) Dataset

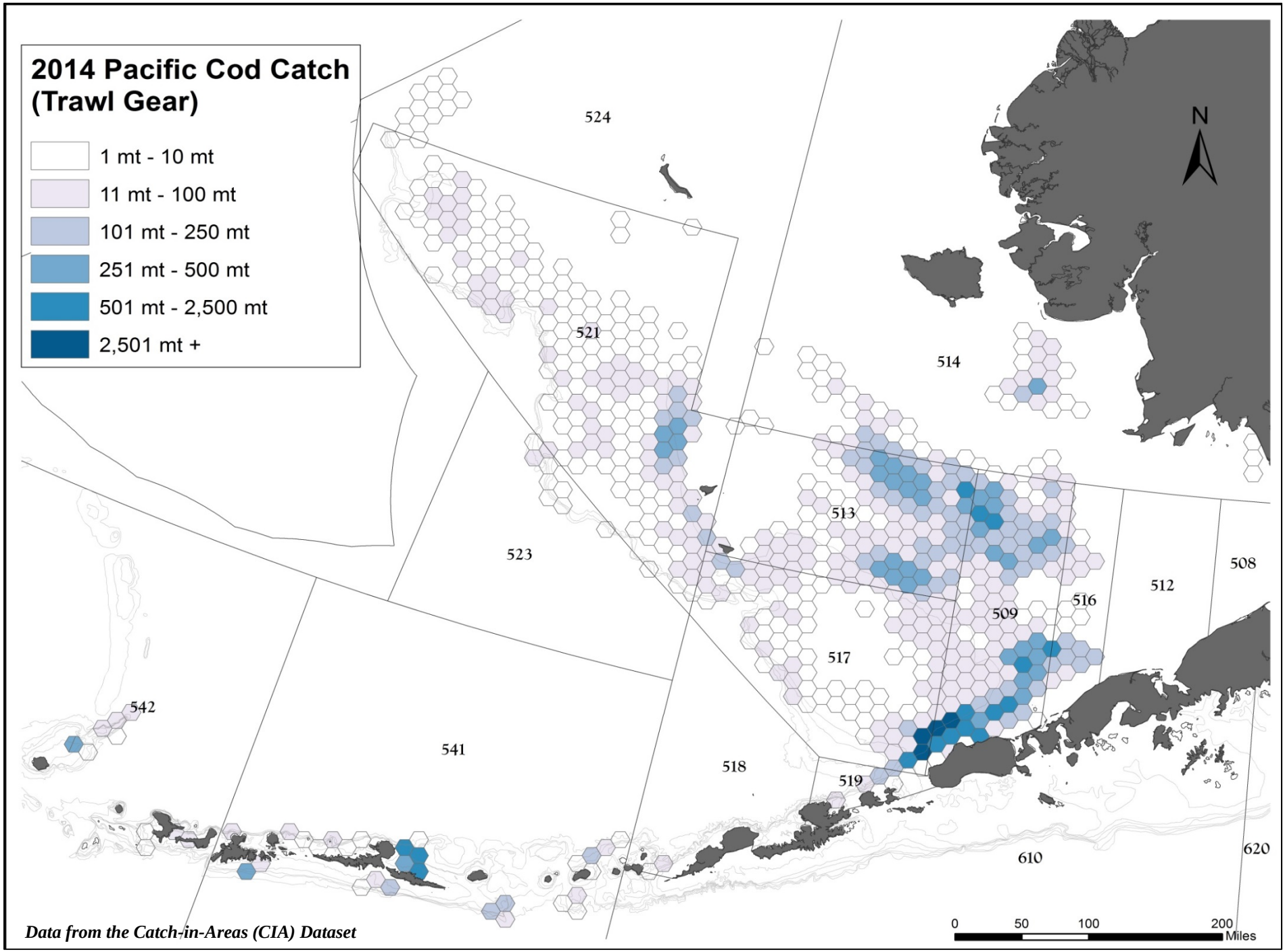
2014 Bering Sea Pollock ICA catch by Week and Sector



Amendment 80 Pollock
Incidental Catch by Year and Target

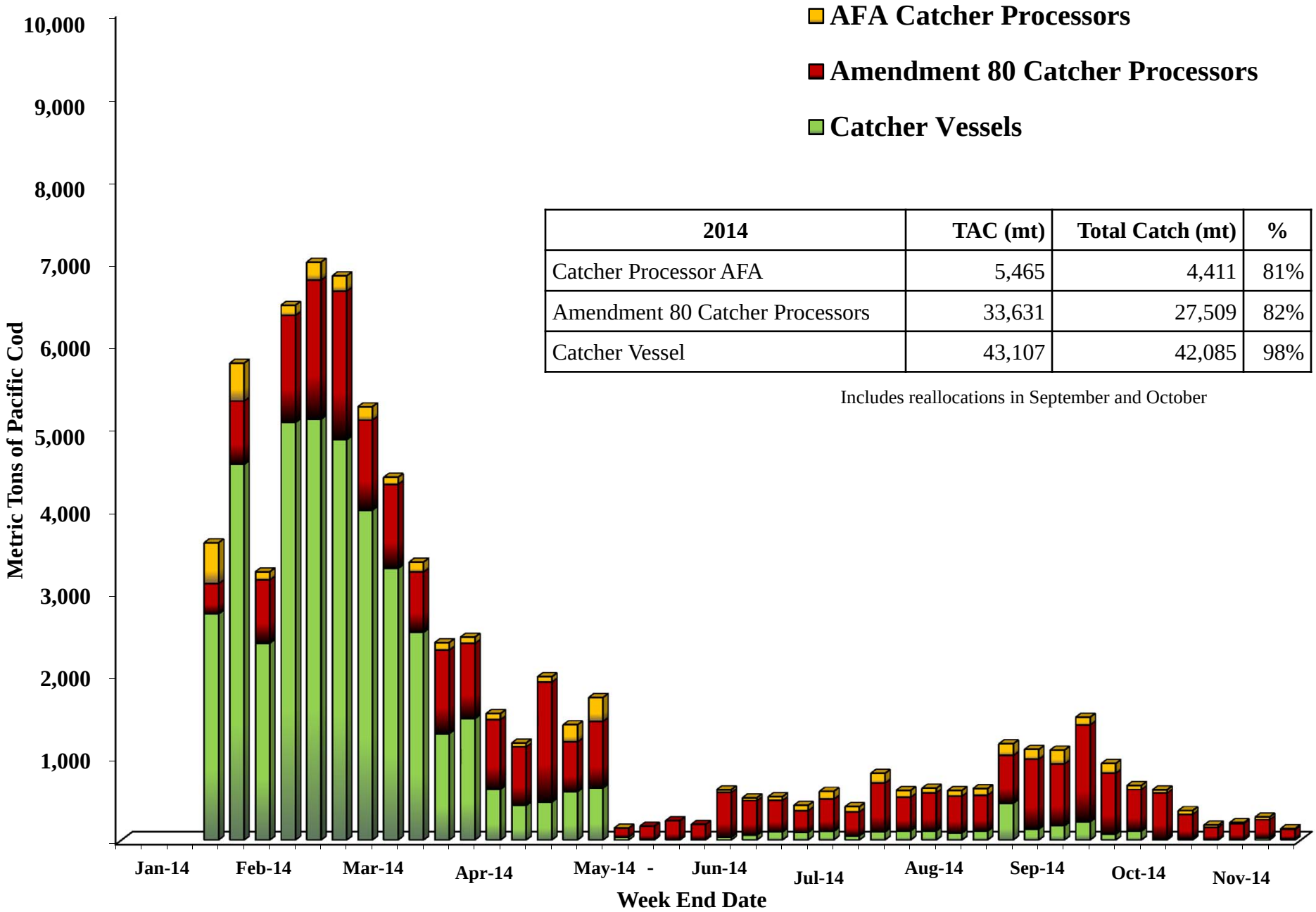


**Includes Bering Sea and Aleutian Islands*



Data from the Catch-in-Areas (CIA) Dataset

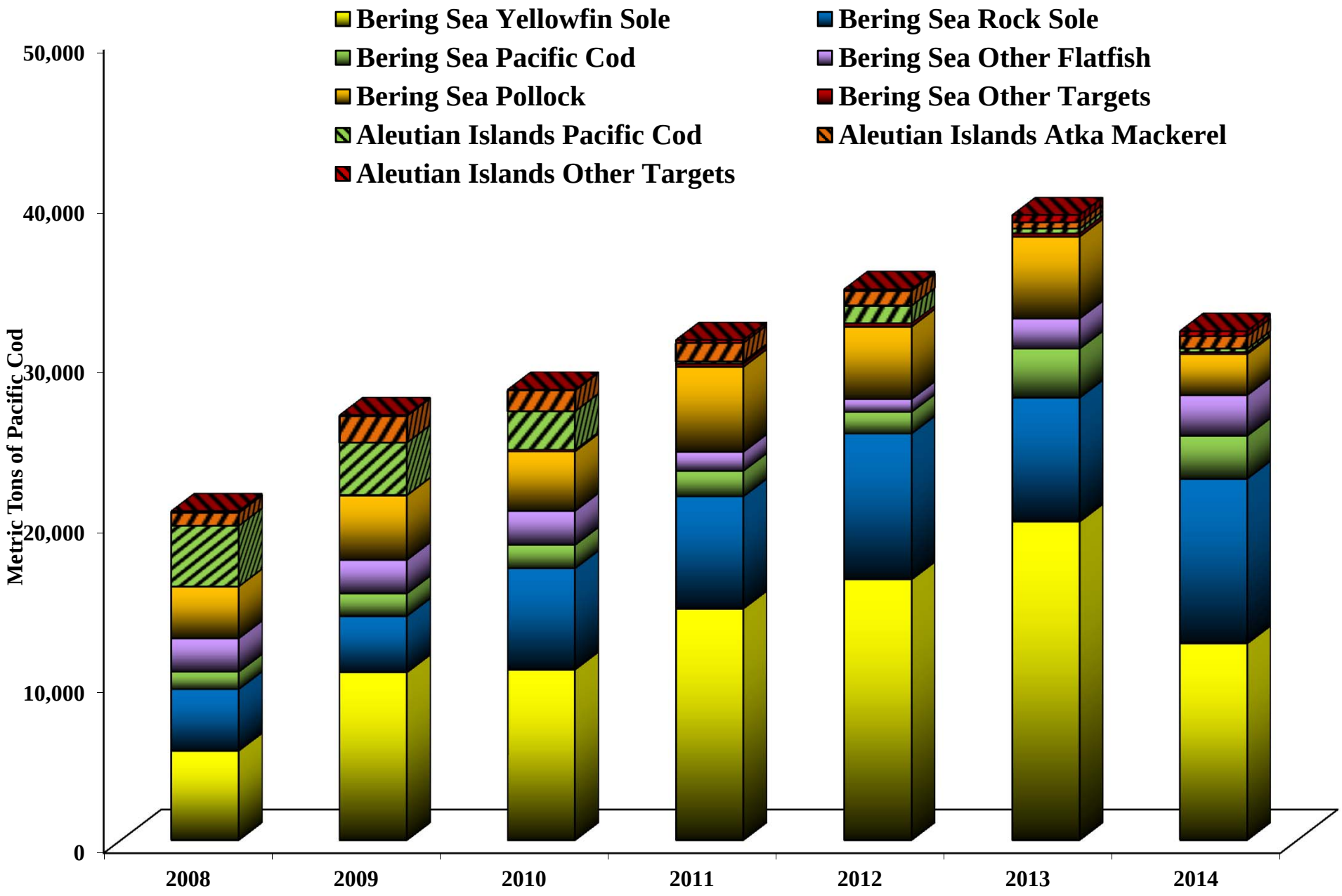
2014 BSAI Trawl Pacific Cod Catch



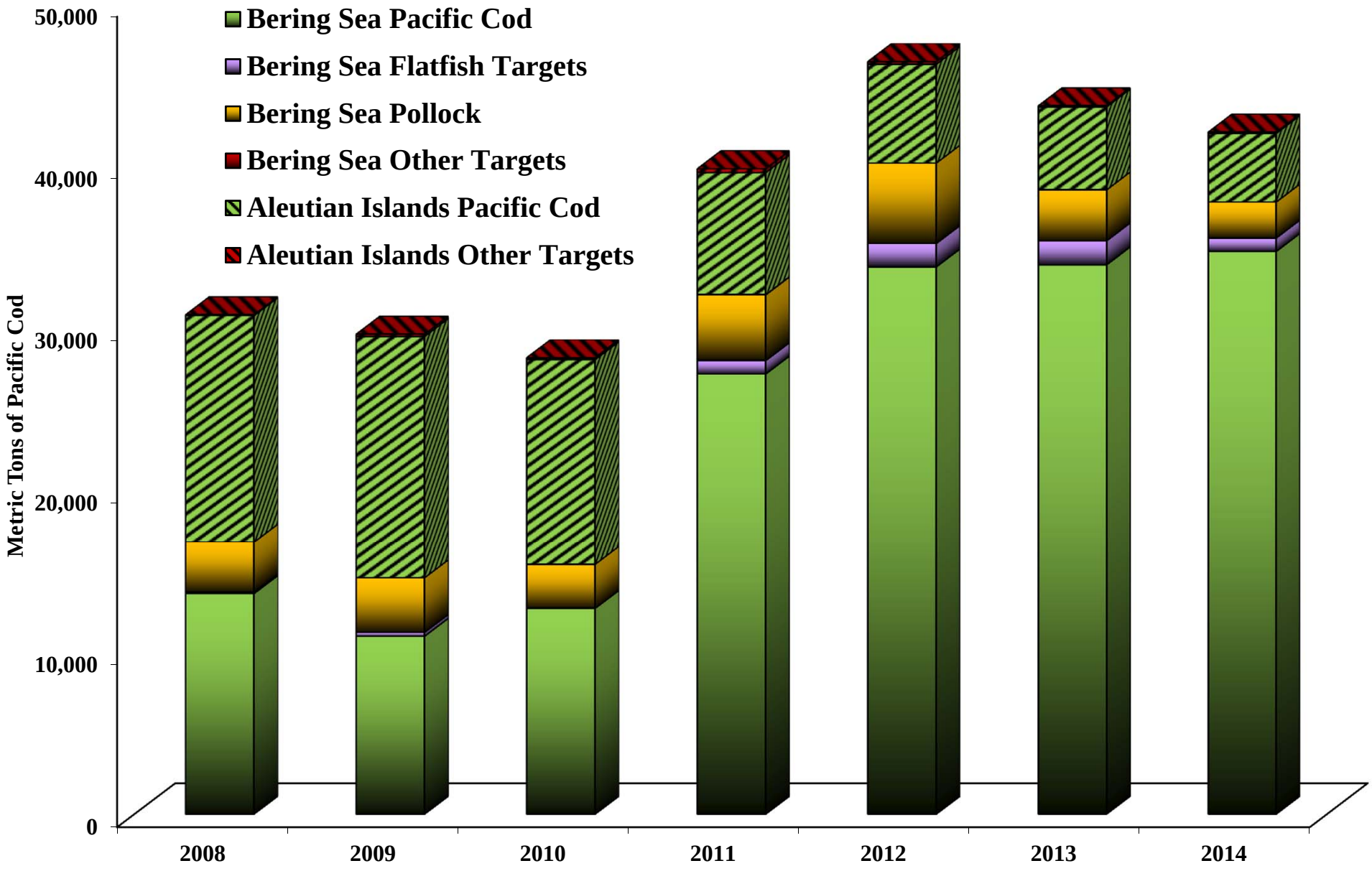
2014	TAC (mt)	Total Catch (mt)	%
Catcher Processor AFA	5,465	4,411	81%
Amendment 80 Catcher Processors	33,631	27,509	82%
Catcher Vessel	43,107	42,085	98%

Includes reallocations in September and October

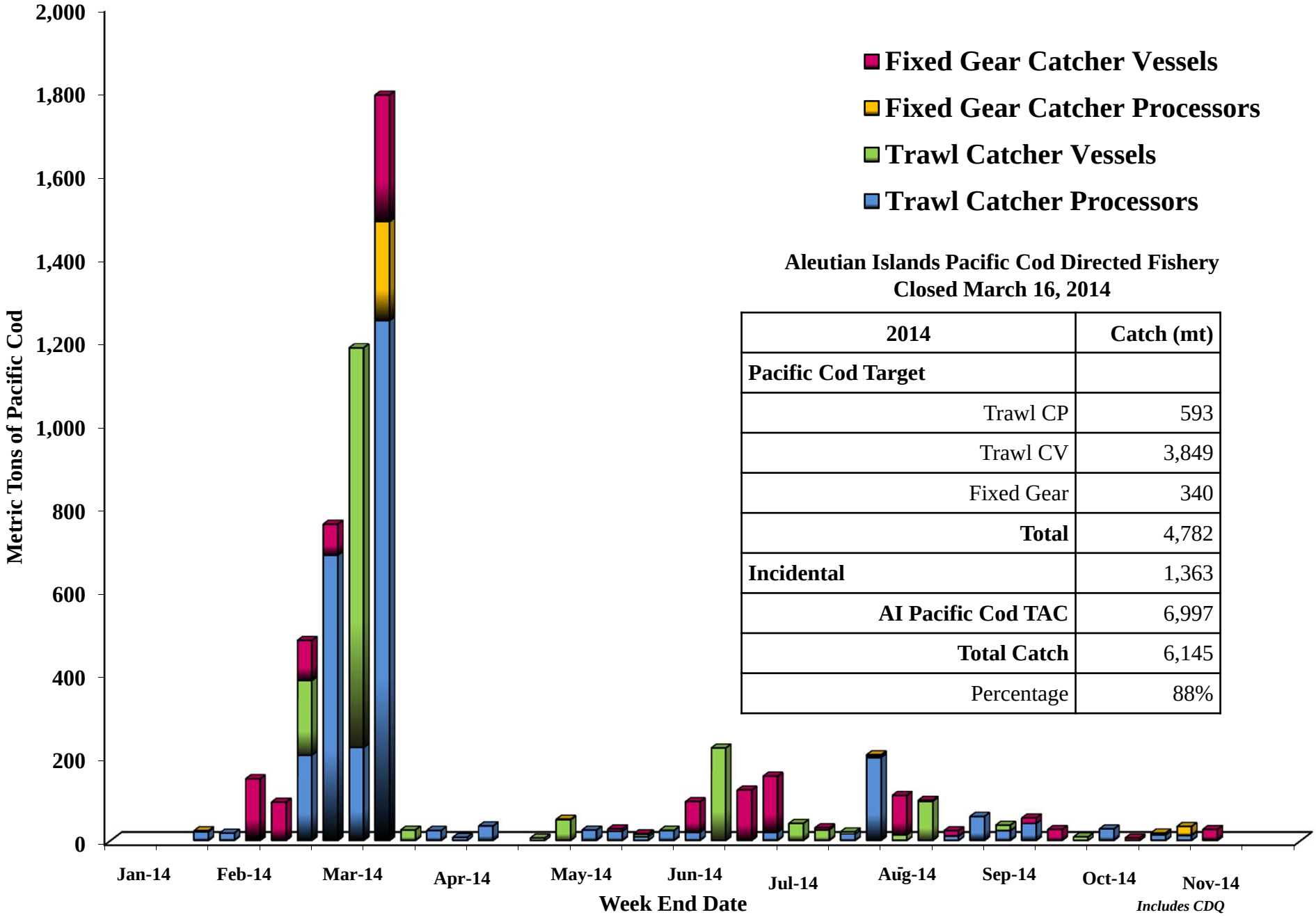
BSAI Trawl Catcher/Processor Pacific Cod Catch by Target



BSAI Trawl Catcher Vessel Pacific Cod Catch by Target

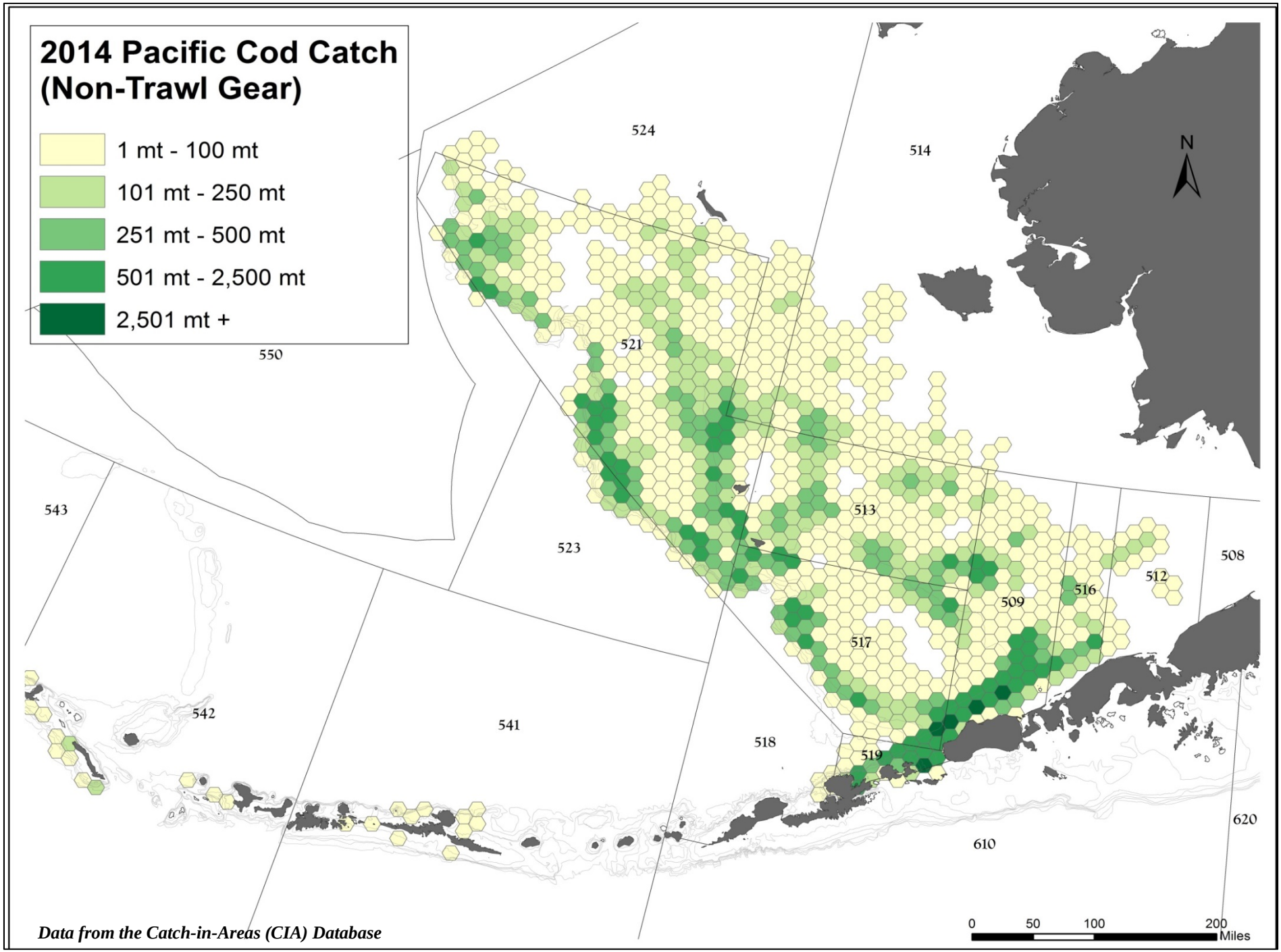


2014 Aleutian Islands Pacific Cod Catch



Aleutian Islands Pacific Cod Directed Fishery
Closed March 16, 2014

2014	Catch (mt)
Pacific Cod Target	
Trawl CP	593
Trawl CV	3,849
Fixed Gear	340
Total	4,782
Incidental	1,363
AI Pacific Cod TAC	6,997
Total Catch	6,145
Percentage	88%

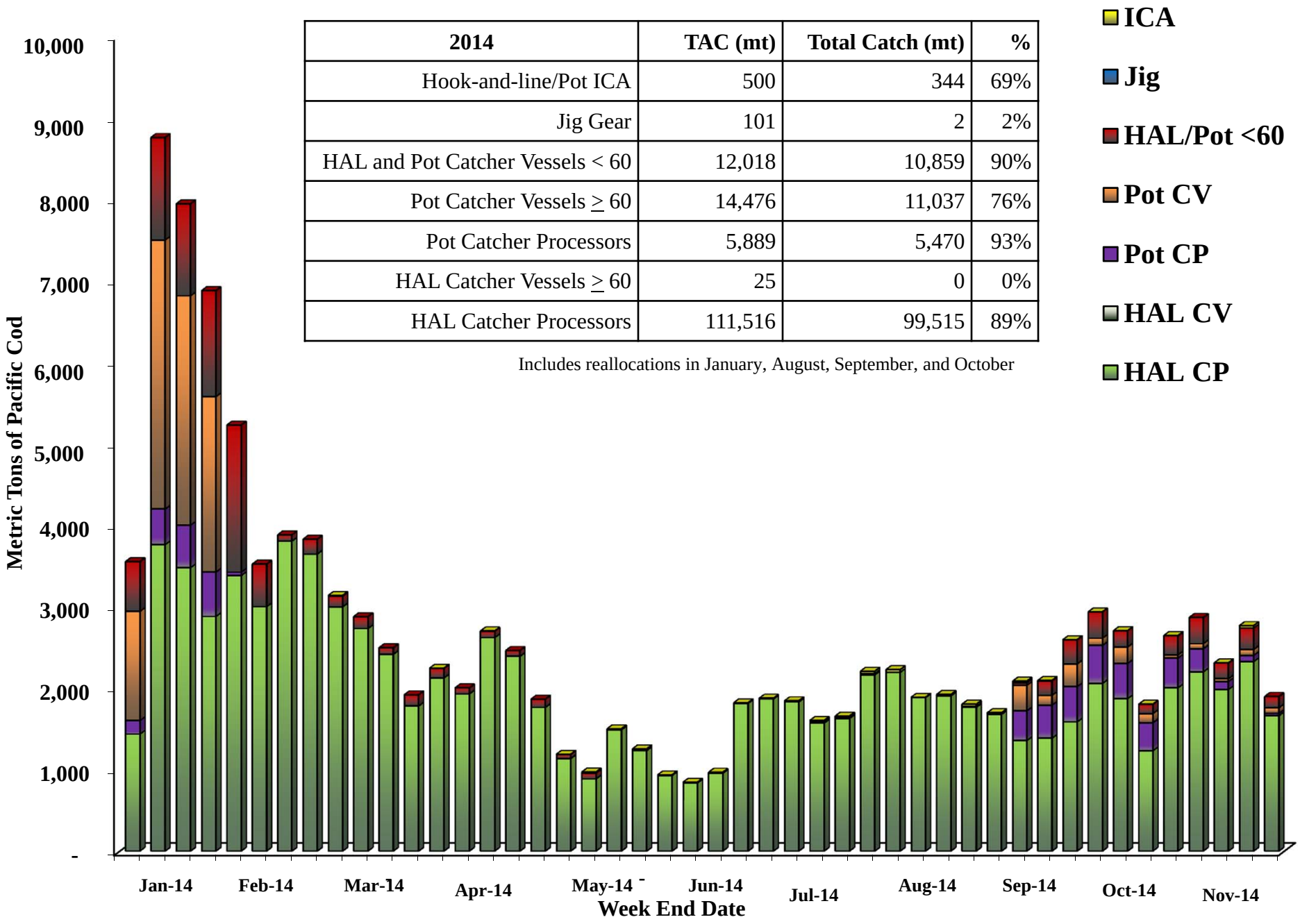


Data from the Catch-in-Areas (CIA) Database

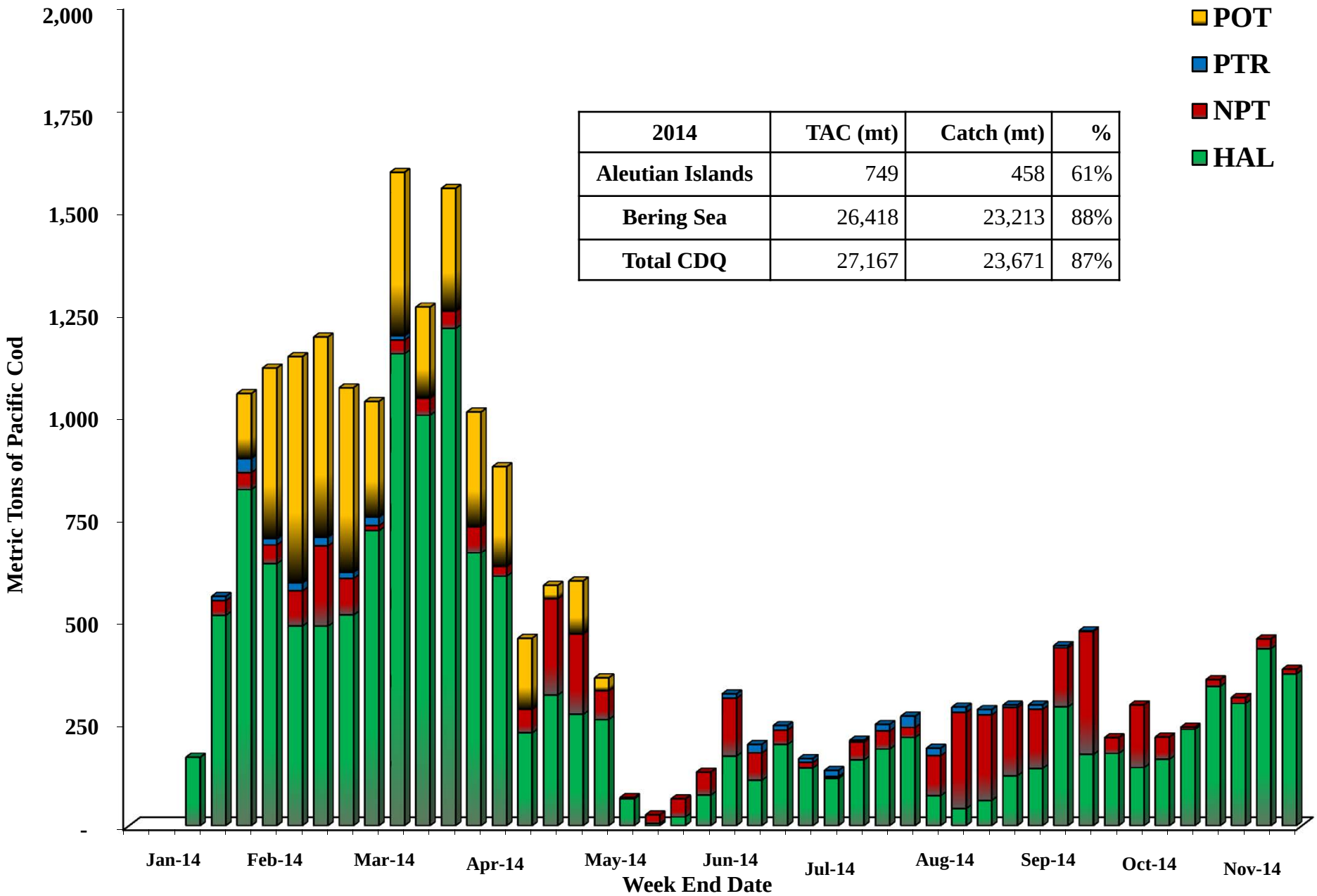
2014 BSAI HAL, Pot, Jig Pacific Cod Catch

2014	TAC (mt)	Total Catch (mt)	%
Hook-and-line/Pot ICA	500	344	69%
Jig Gear	101	2	2%
HAL and Pot Catcher Vessels < 60	12,018	10,859	90%
Pot Catcher Vessels ≥ 60	14,476	11,037	76%
Pot Catcher Processors	5,889	5,470	93%
HAL Catcher Vessels ≥ 60	25	0	0%
HAL Catcher Processors	111,516	99,515	89%

Includes reallocations in January, August, September, and October



2014 BSAI CDQ Pacific Cod Catch



2014	TAC (mt)	Catch (mt)	%
Aleutian Islands	749	458	61%
Bering Sea	26,418	23,213	88%
Total CDQ	27,167	23,671	87%

2014 Pacific Cod Apportionments & Catch in the BSAI

Fishery Component	TAC (mt)	Reallocations	Revised TAC	Catch (mt)	%
Hook and Line Gear					
Catcher Processors	110,016	+1,500	111,516	99,515	89%
Catcher Vessels >= 60 Feet LOA	452	-427	25	0	0%
Pot Gear					
Catcher Processors	3,389	+2,500	5,889	5,470	93%
Catcher Vessels >= 60 Feet LOA	18,976	-4,500	14,476	11,037	76%
Hook-and-line and Pot Gear Catcher Vessels < 60 Feet LOA	4,518	+7,500	12,018	10,859	90%
Trawl Gear					
AFA Catcher Processors	5,215	+250	5,465	4,411	81%
A80 Catcher Processors	30,381	+3,250	33,631	27,509	82%
Catcher Vessels	50,107	-7,000	43,107	42,085	98%
Jig Gear	3,174	-3,073	101	2	2%
CDQ (includes AI and BS)	27,167	0	27,167	23,671	87%
Hook-and-line/Pot Gear ICA	500	0	500	344	69%
TOTAL (includes AI and BS)	**253,895**	**0**	**253,895**	**224,903**	**89%**

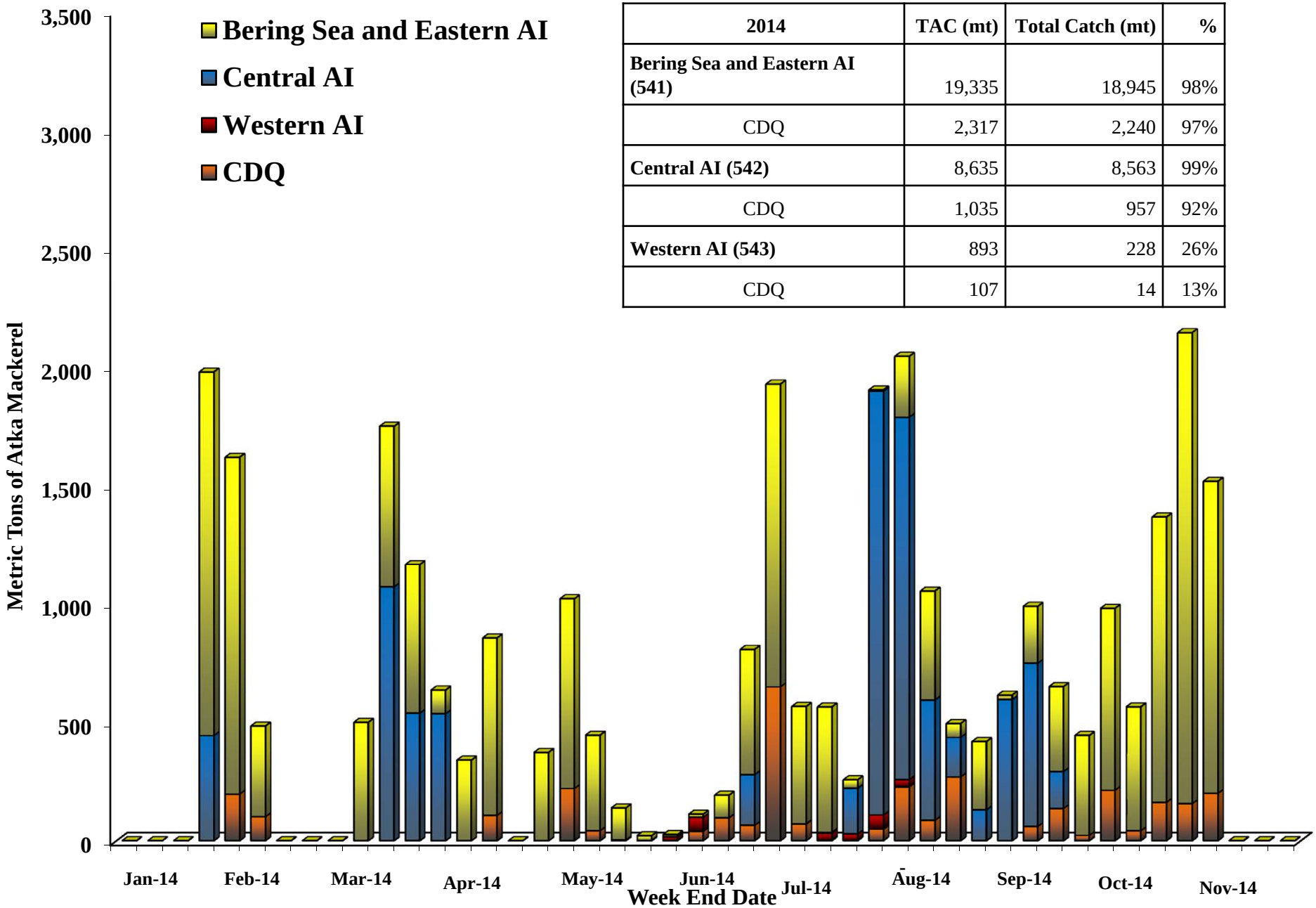
Includes reallocations in March, August, September, and October

2014 Non-Trawl Fishery Closures in the BSAI

Hook-and-Line	**Opened**	**Closed**	**Reason**
Pacific Cod*			
Catcher processors	Jan 1		No closure
Catcher vessels < 60 ft	Jan 1	Feb 4	TAC
	Sep 1		No closure
Catcher vessels >= 60 ft	Jan 1		No closure
Greenland Turbot (Aleutian Islands)	May 1	May 1	TAC
Greenland Turbot (Bering Sea)	May 1	May 1	TAC
	Sep 1	Oct 12	TAC
Pot	**Opened**	**Closed**	**Reason**
Pacific Cod*			
Catcher processors	Jan 1	Jan 26	TAC
	Sep 1		No Closure
Catcher vessels < 60 ft	Jan 1	Feb 4	TAC
	Sep 1		No Closure
Catcher vessels >= 60 ft	Jan 1	Jan 24	TAC
	1-Sep		No Closure

*** Aleutian Islands Pacific Cod Directed Fishery for all gears closed March 16, 2014**

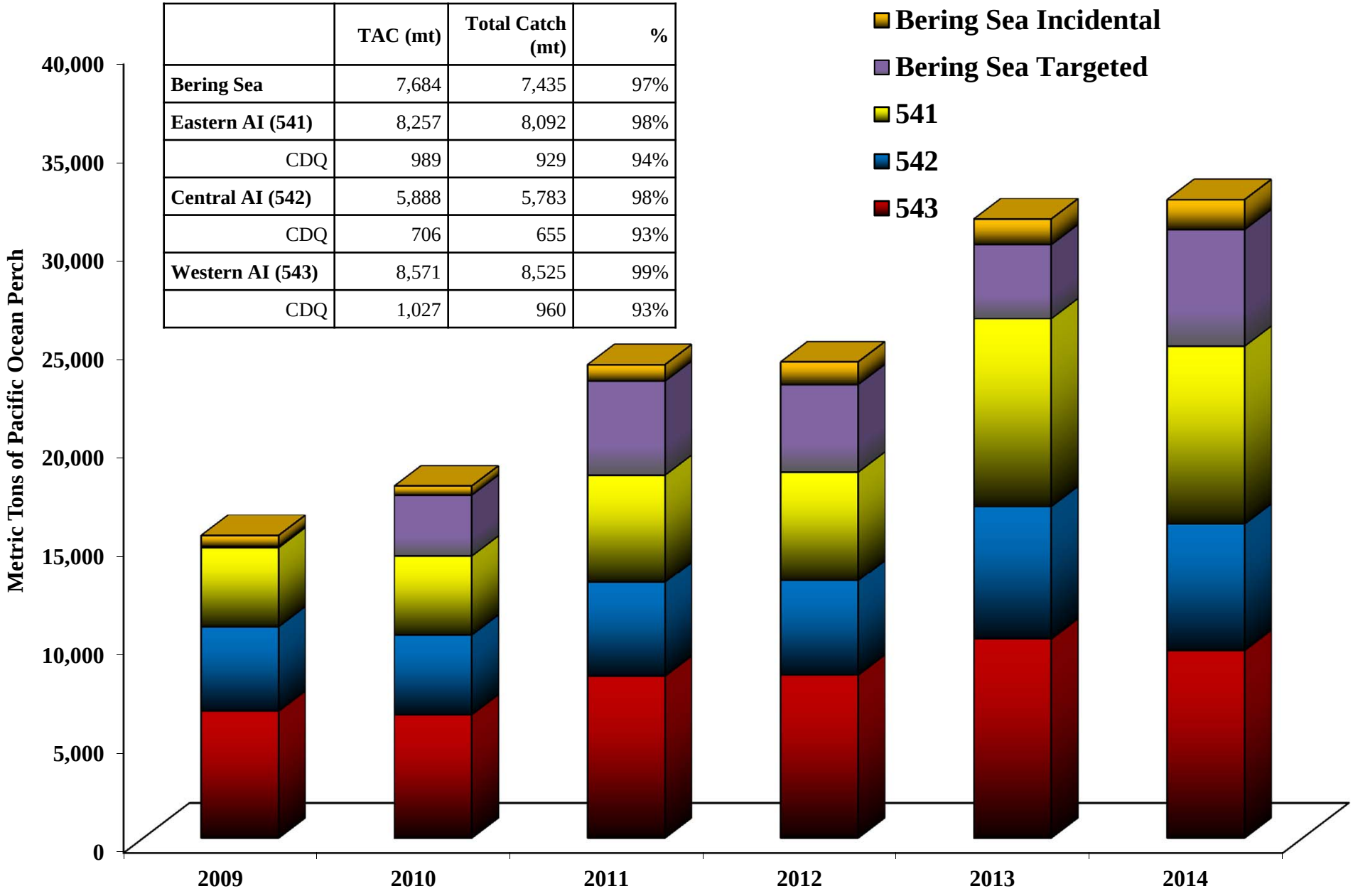
2014 Atka Mackerel Catch by Week and Area



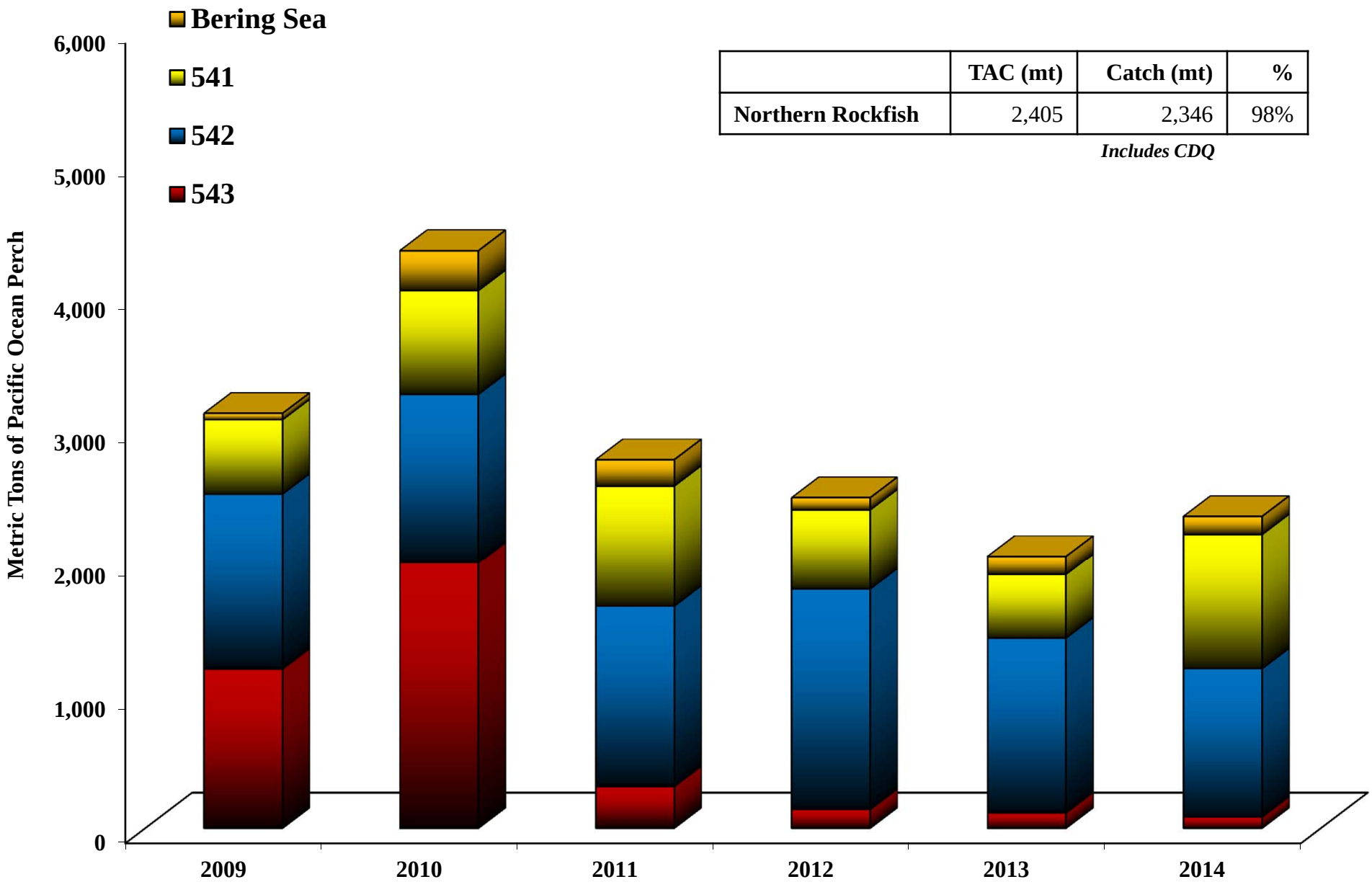
2014	TAC (mt)	Total Catch (mt)	%
Bering Sea and Eastern AI (541)	19,335	18,945	98%
CDQ	2,317	2,240	97%
Central AI (542)	8,635	8,563	99%
CDQ	1,035	957	92%
Western AI (543)	893	228	26%
CDQ	107	14	13%

2009-2014 BSAI Pacific Ocean Perch Catch by Area

	TAC (mt)	Total Catch (mt)	%
Bering Sea	7,684	7,435	97%
Eastern AI (541)	8,257	8,092	98%
CDQ	989	929	94%
Central AI (542)	5,888	5,783	98%
CDQ	706	655	93%
Western AI (543)	8,571	8,525	99%
CDQ	1,027	960	93%



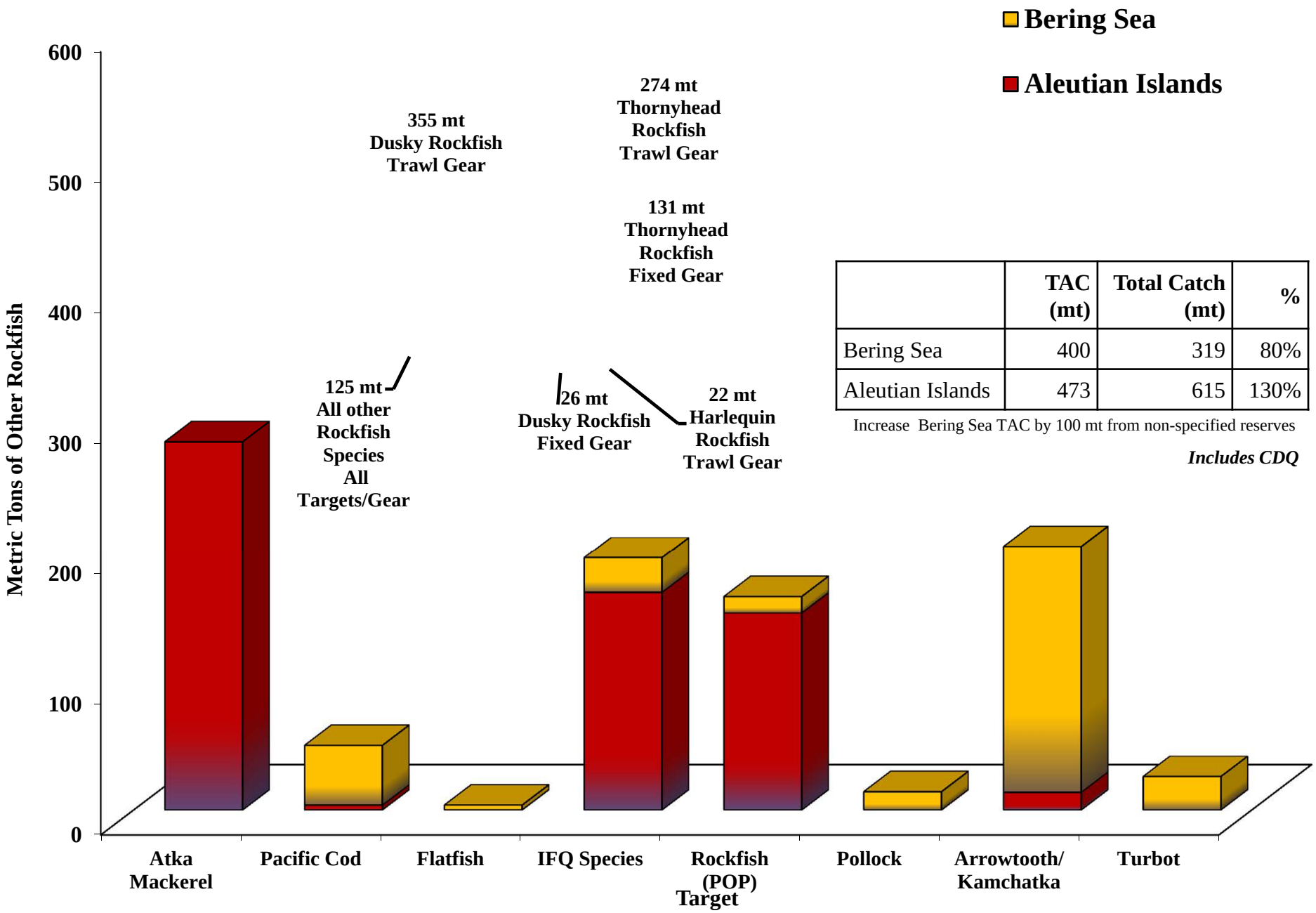
2009-2014 BSAI Northern Rockfish Catch by Area



	TAC (mt)	Catch (mt)	%
Northern Rockfish	2,405	2,346	98%

Includes CDQ

2014 BSAI Other Rockfish Catch



	TAC (mt)	Total Catch (mt)	%
Bering Sea	400	319	80%
Aleutian Islands	473	615	130%

Increase Bering Sea TAC by 100 mt from non-specified reserves

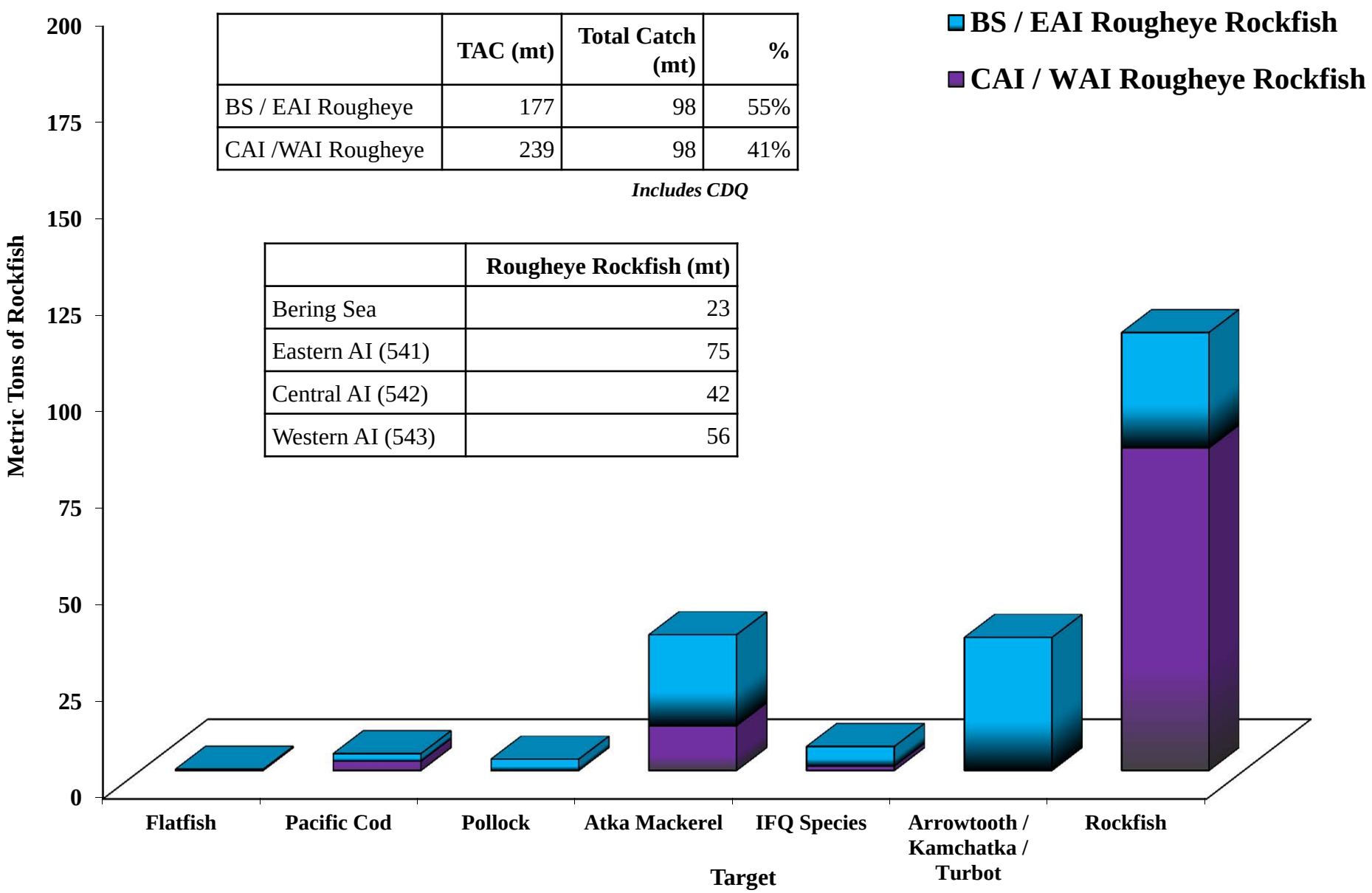
Includes CDQ

2014 BSAI Blackspotted/Rougheye Rockfish Catch

	TAC (mt)	Total Catch (mt)	%
BS / EAI Rougheye	177	98	55%
CAI /WAI Rougheye	239	98	41%

Includes CDQ

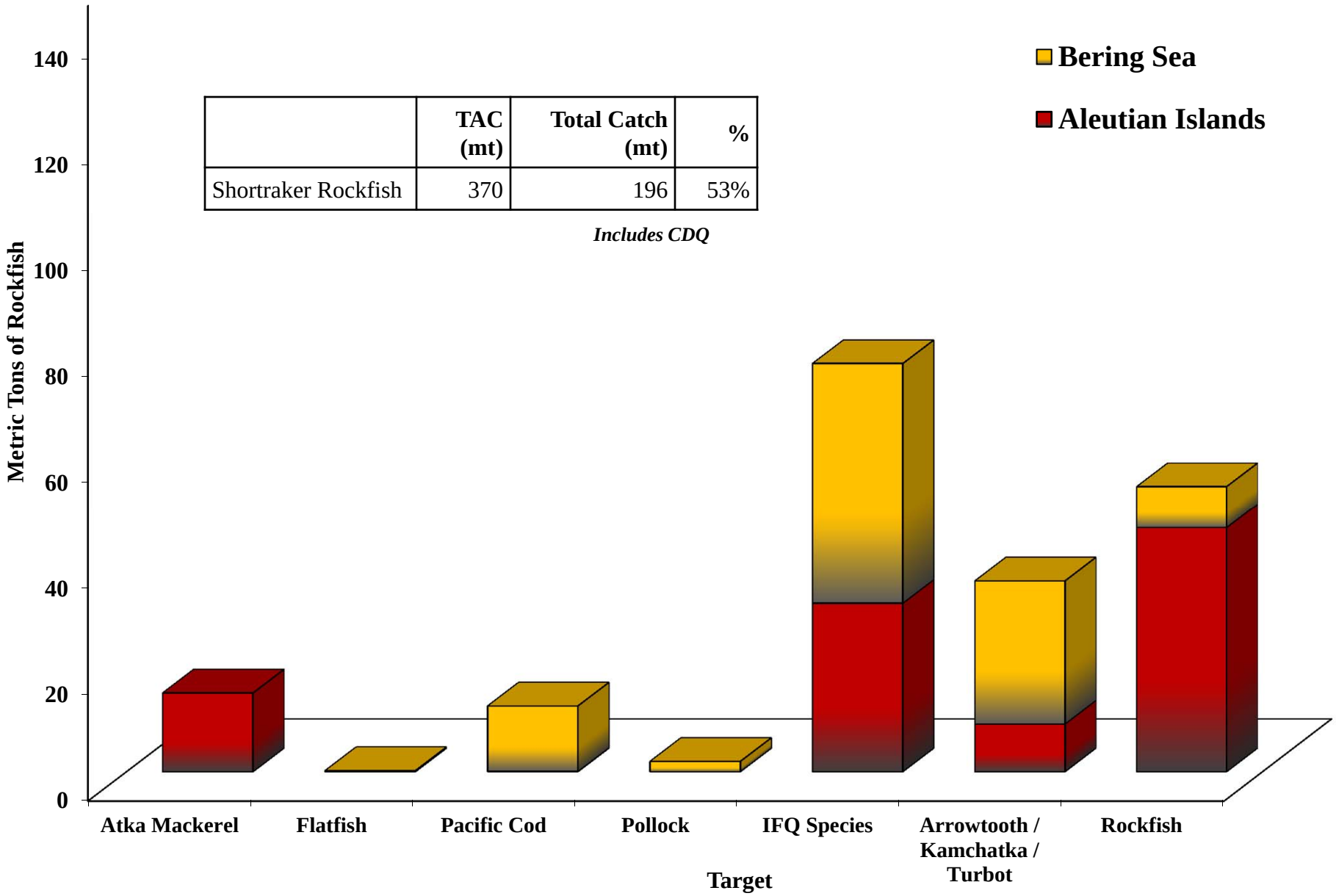
	Rougheye Rockfish (mt)
Bering Sea	23
Eastern AI (541)	75
Central AI (542)	42
Western AI (543)	56



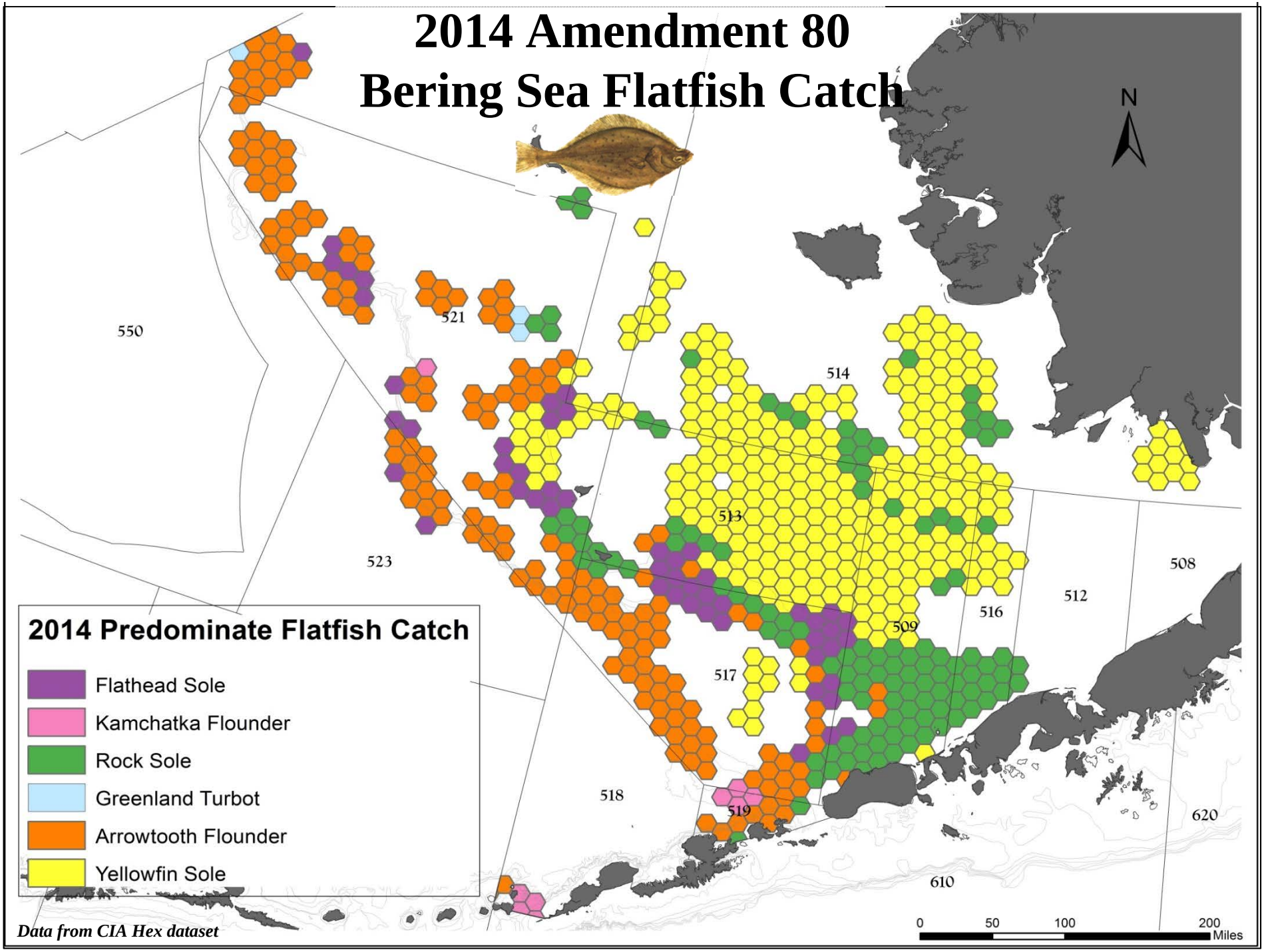
2014 BSAI Shortraker Rockfish Catch

	TAC (mt)	Total Catch (mt)	%
Shortraker Rockfish	370	196	53%

Includes CDQ

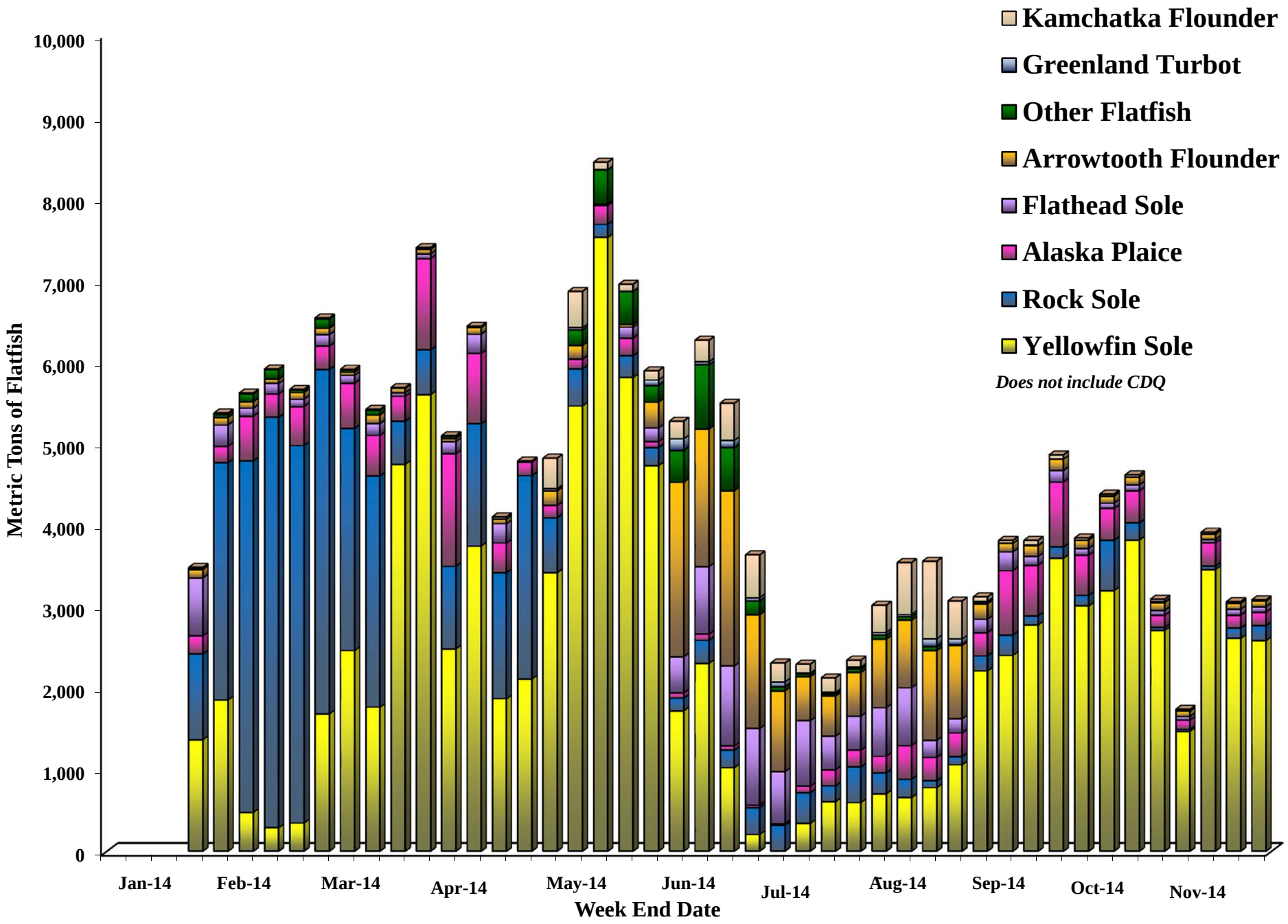


2014 Amendment 80
Bering Sea Flatfish Catch

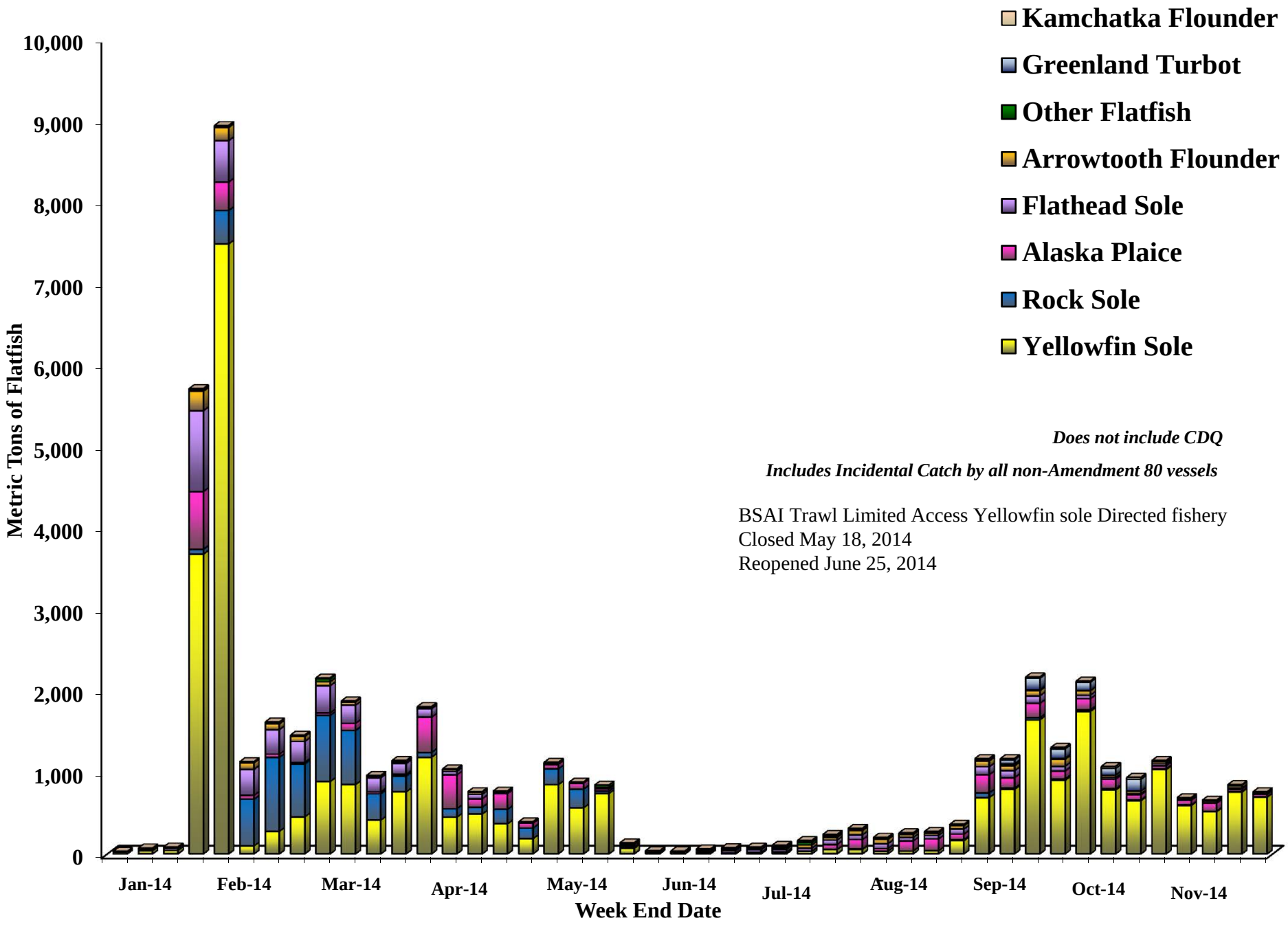


Data from CIA Hex dataset

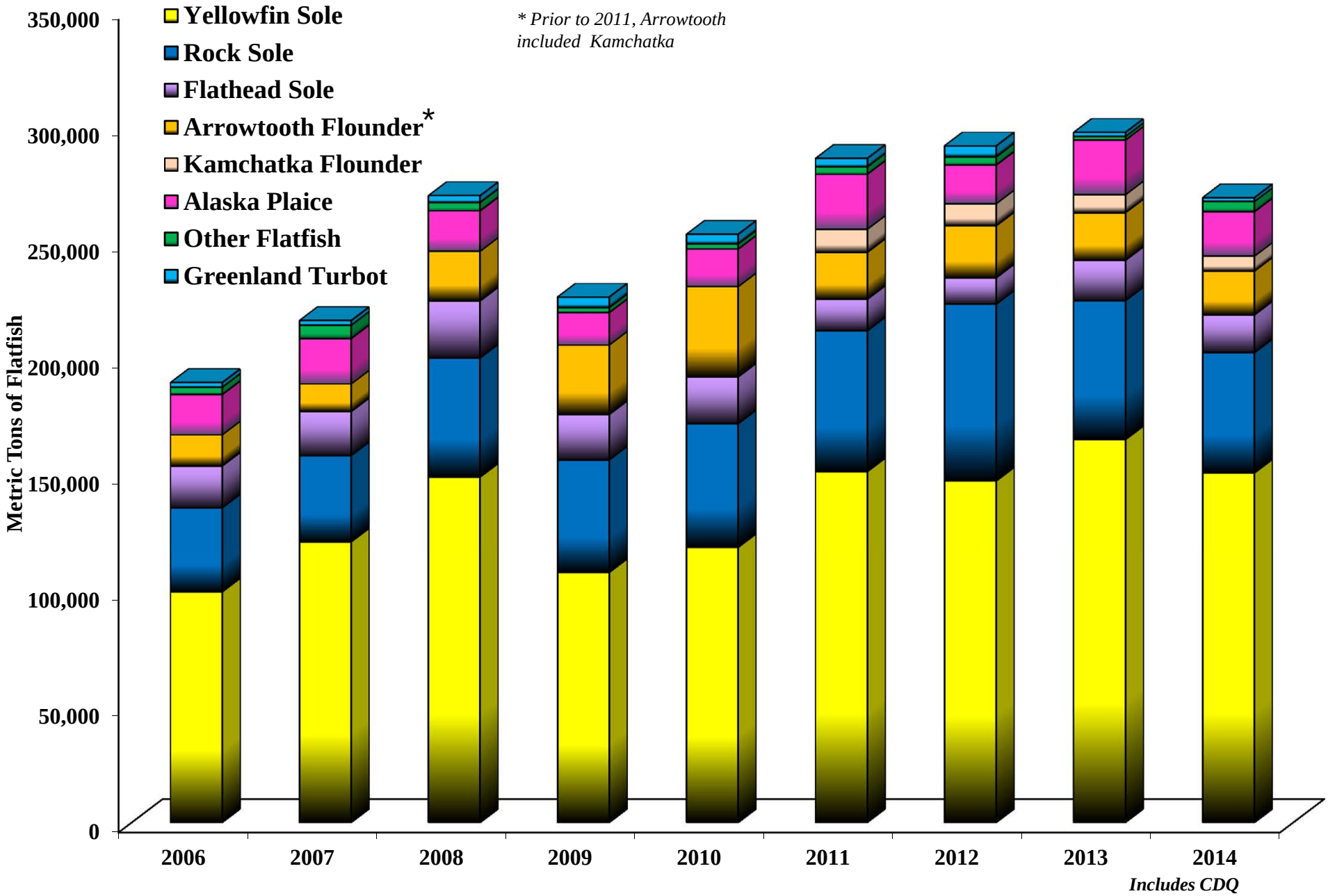
2014 BSAI Flatfish Catch by Amendment 80 CPs



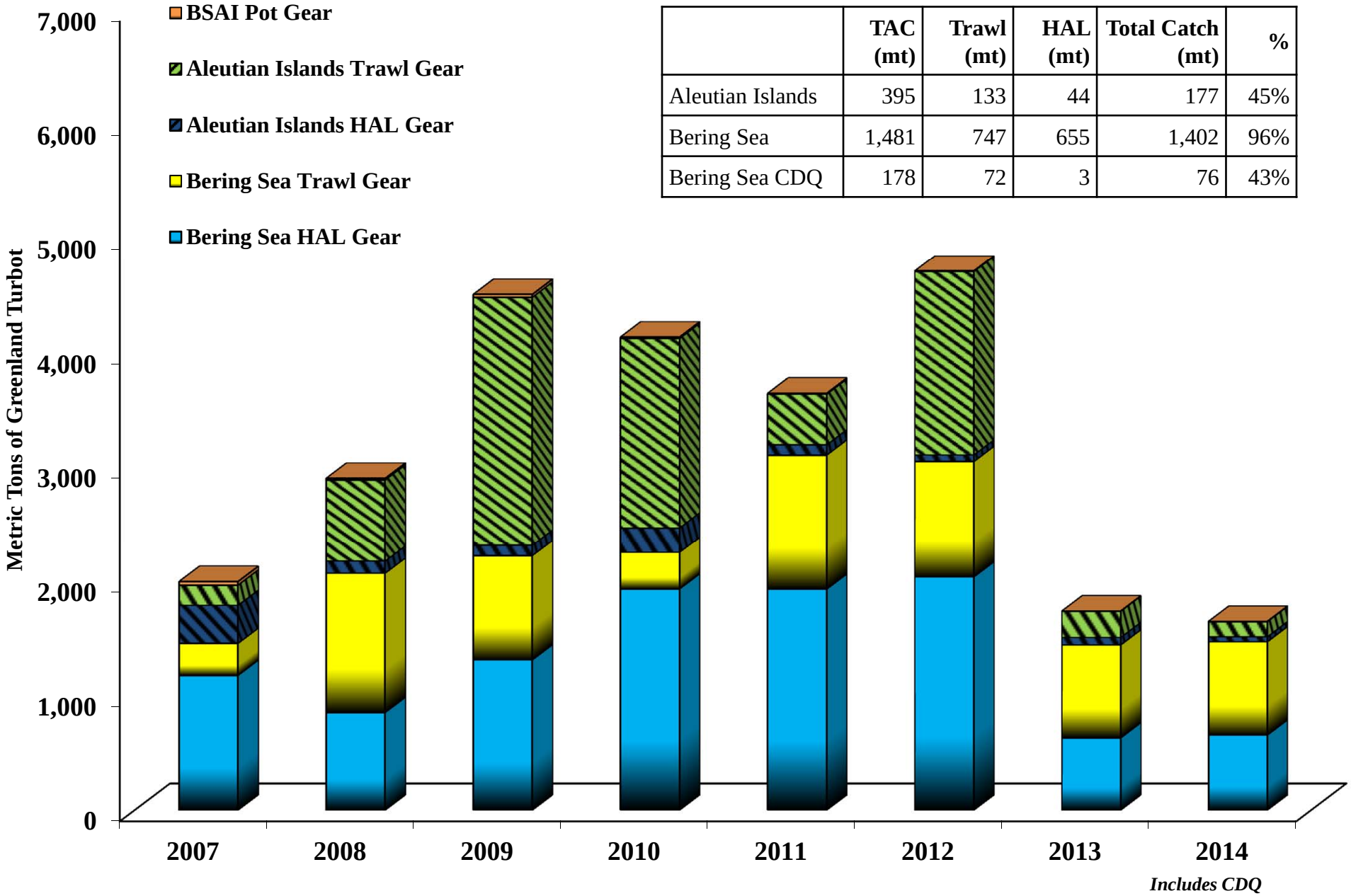
2014 BSAI Flatfish Catch by Non-Amendment 80 Vessels



2006-2014 BSAI Trawl Flatfish Catch by Species



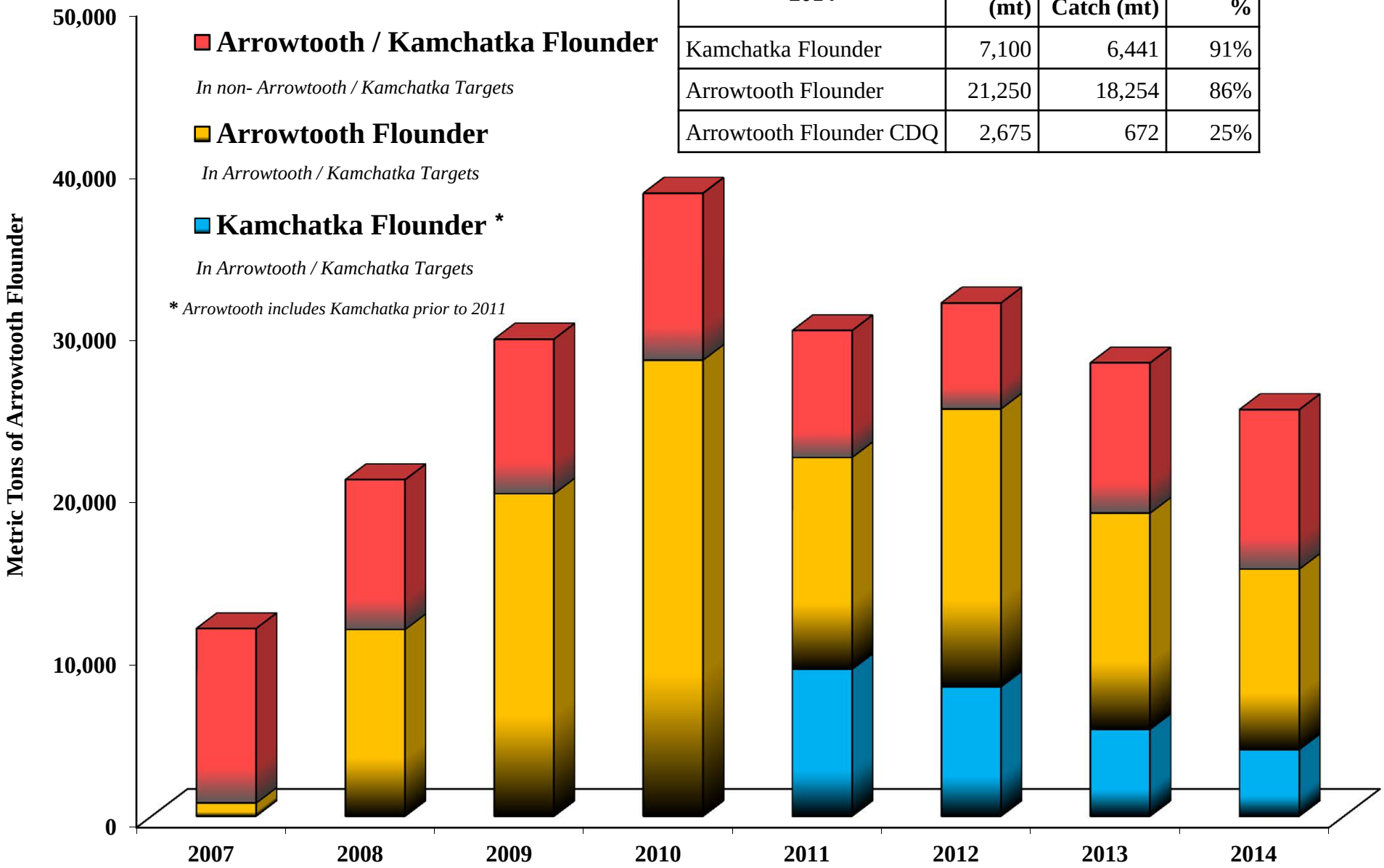
2007–2014 BSAI Greenland Turbot Catch



	TAC (mt)	Trawl (mt)	HAL (mt)	Total Catch (mt)	%
Aleutian Islands	395	133	44	177	45%
Bering Sea	1,481	747	655	1,402	96%
Bering Sea CDQ	178	72	3	76	43%

2007–2014 BSAI Arrowtooth / Kamchatka Flounder Catch

2014	TAC (mt)	Total Catch (mt)	%
Kamchatka Flounder	7,100	6,441	91%
Arrowtooth Flounder	21,250	18,254	86%
Arrowtooth Flounder CDQ	2,675	672	25%



Includes CDQ

2014 Flatfish Catch in the BSAI

	ABC (mt)		TAC (mt)	Total Catch (mt)	%
Arrowtooth Flounder	106,599		21,250	19,320	93%
		CDQ	2,675	672	25%
Flathead Sole	66,293		21,879	15,539	71%
		CDQ	2,622	722	28%
Rock Sole	203,800		75,905	47,972	63%
		CDQ	9,095	3,821	42%
Yellowfin Sole	239,800		164,312	137,231	84%
		CDQ	19,688	15,511	79%
Kamchatka Flounder ***Includes CDQ***	7,100		7,100	6,441	91%
Alaska Plaice ***Includes CDQ***	55,100		20,825	19,320	93%
"Other Flatfish" ***Includes CDQ***	12,400		4,500	4,397	98%

**Includes CDQ means there is no CDQ allocation for that species*

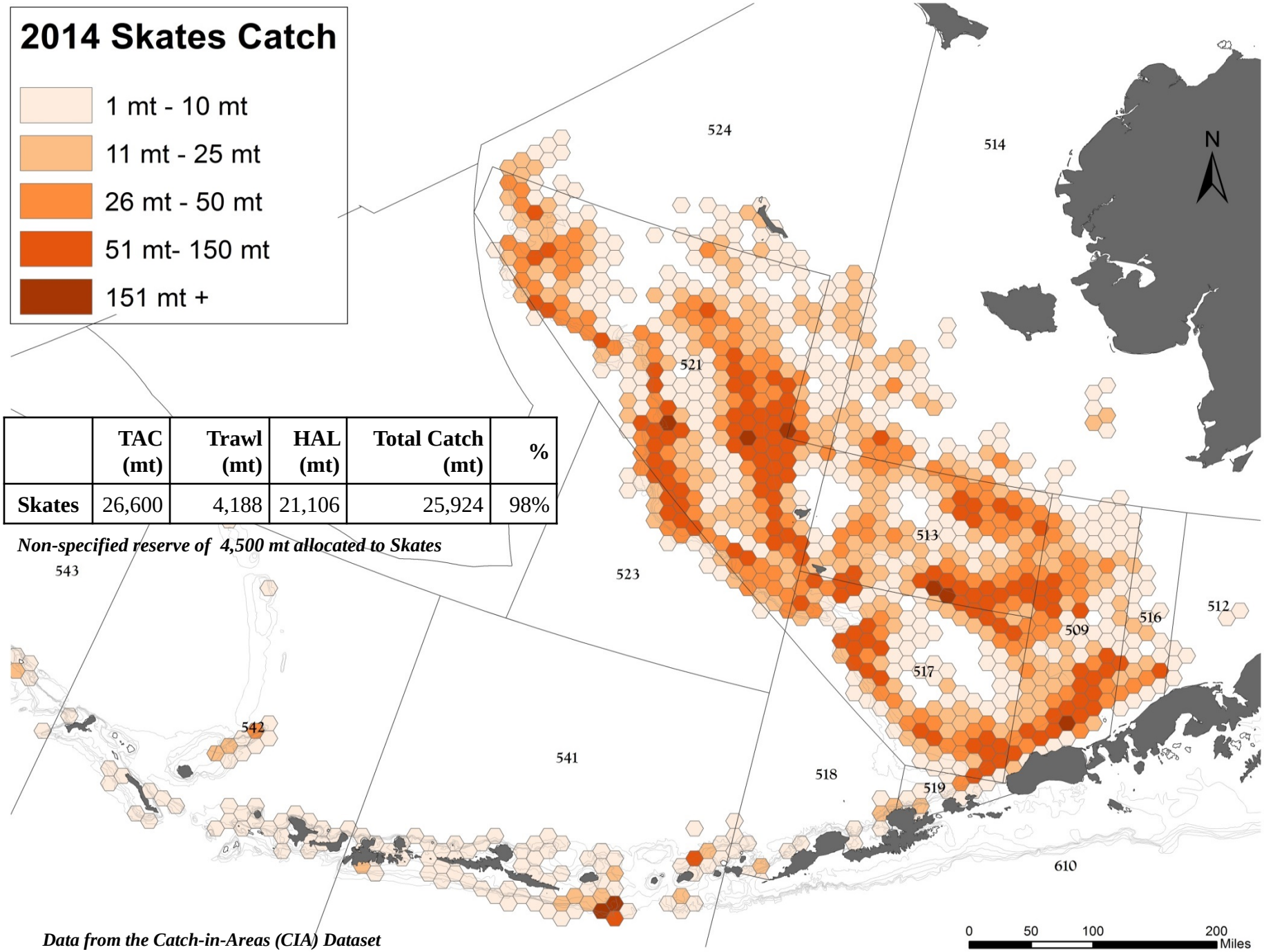
Non-specified reserve release of 1,065 mt allocated to Kamchatka in October and 1,850 mt allocated to "Other Flatfish" in July

Arrowtooth Flounder

Flathead Sole

Rock Sole

Yellowfin Sole



	TAC (mt)	Trawl (mt)	HAL (mt)	Total Catch (mt)	%
Skates	26,600	4,188	21,106	25,924	98%

Non-specified reserve of 4,500 mt allocated to Skates

Data from the Catch-in-Areas (CIA) Dataset

2014 BSAI Sharks, Octopus, and Squid

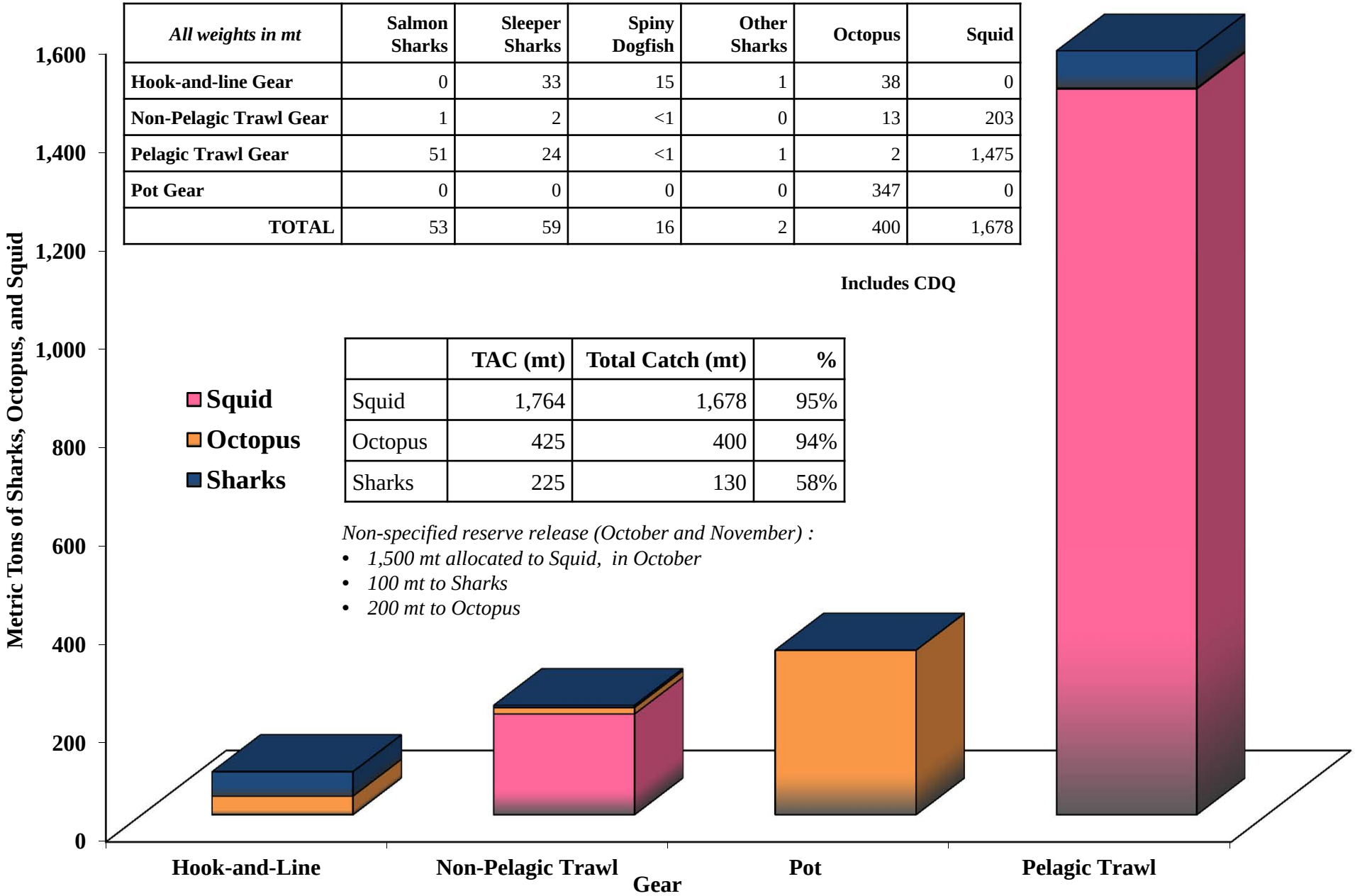
All weights in mt	Salmon Sharks	Sleeper Sharks	Spiny Dogfish	Other Sharks	Octopus	Squid
Hook-and-line Gear	0	33	15	1	38	0
Non-Pelagic Trawl Gear	1	2	<1	0	13	203
Pelagic Trawl Gear	51	24	<1	1	2	1,475
Pot Gear	0	0	0	0	347	0
TOTAL	53	59	16	2	400	1,678

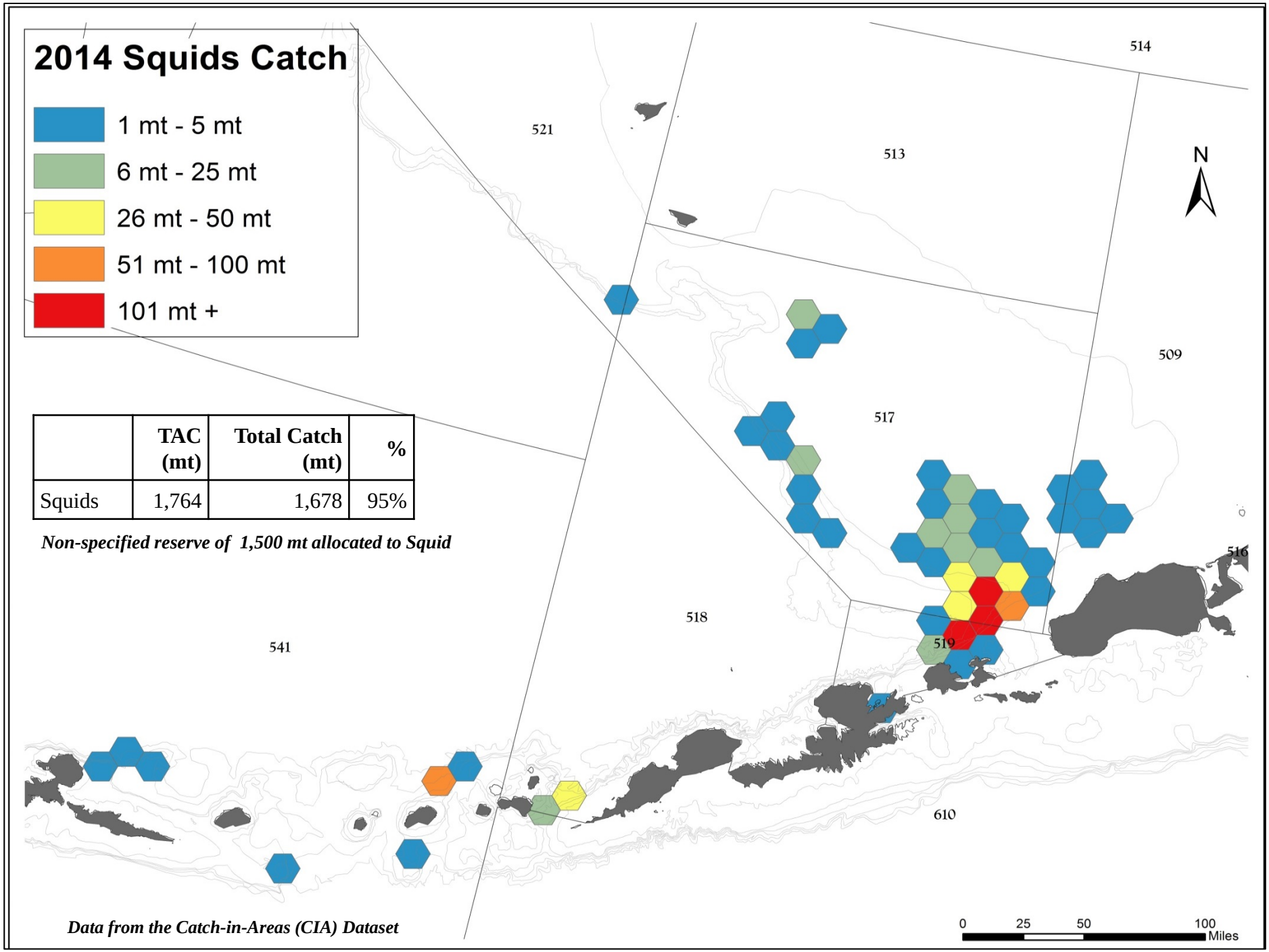
Includes CDQ

	TAC (mt)	Total Catch (mt)	%
Squid	1,764	1,678	95%
Octopus	425	400	94%
Sharks	225	130	58%

Non-specified reserve release (October and November) :

- *1,500 mt allocated to Squid, in October*
- *100 mt to Sharks*
- *200 mt to Octopus*



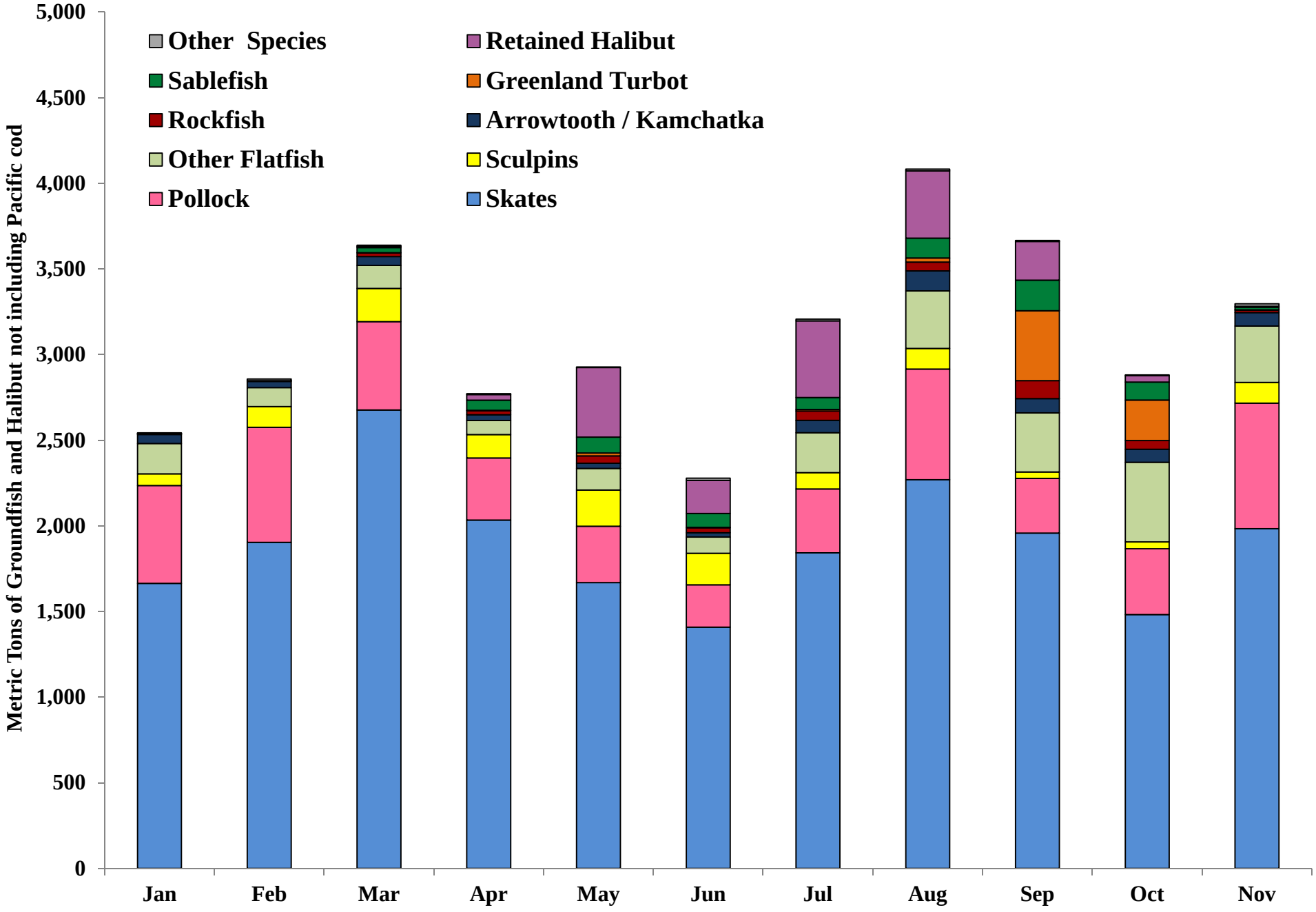


	TAC (mt)	Total Catch (mt)	%
Squids	1,764	1,678	95%

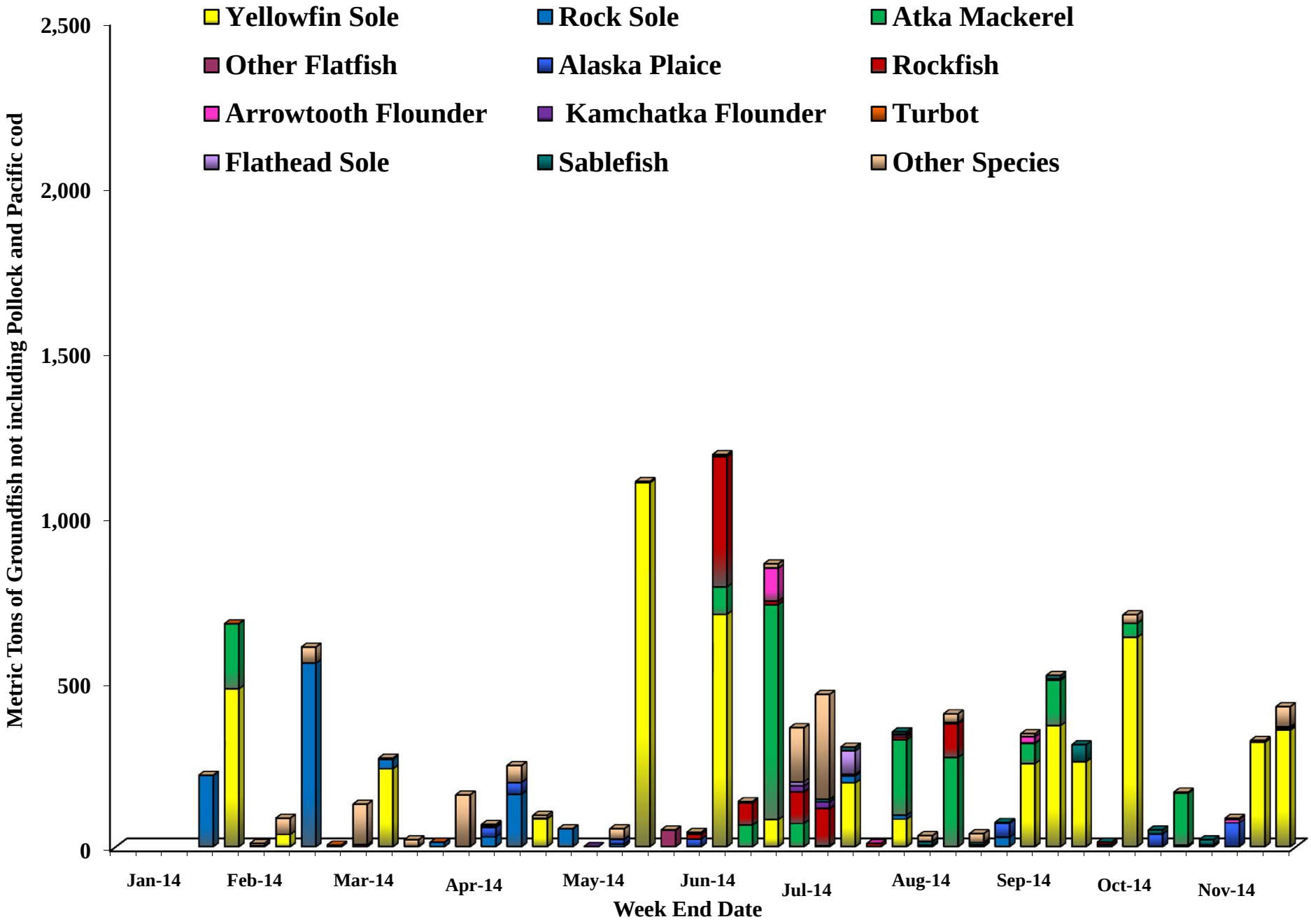
Non-specified reserve of 1,500 mt allocated to Squid

Data from the Catch-in-Areas (CIA) Dataset

2014 BSAI Hook-and-Line Non Pacific Cod Catch



2014 CDQ Non Pollock / Pacific Cod Catch by Species



2014 Non-specified Reserve Releases

Species	TAC (mt)	Reallocations	Revised TAC	Catch (mt)	%
Bering Sea Greenland Turbot	1,410	+ 71	1,481	1,402	95%
Bering Sea Other Rockfish*	300	+ 100	400	319	80%
Bering Sea Pacific Ocean Perch	6,531	+ 1,153	7,684	7,435	97%
BSAI Kamchatka Flounder	6,035	+ 1,065	7,100	6,441	91%
BSAI Northern Rockfish	2,205	+ 200	2,405	2,346	98%
BSAI Octopuses*	225	+ 200	425	400	94%
BSAI Other Flatfish*	2,253	+ 2,247	4,500	4,397	98%
BSAI Sharks*	125	+ 100	225	130	58%
BSAI Skates*	22,100	+ 4,500	26,600	25,990	98%
BSAI Squids*	264	+ 1,500	1,764	1,678	95%
Reserves	**17,788**	**-16,136**	**1,652**	***na***	***na***

** TAC was respecified over the council recommended TAC*

Includes reserve releases in July, October, and November

BSAI Trawl Groundfish Retained and Discards

2013 Trawl	Retained	Discards	% retained
Pollock	1,263,784	4,862	100%
Yellowfin Sole	158,780	4,441	97%
Pacific Cod	87,059	1,521	98%
Rock Sole	56,623	3,149	95%
Pacific Ocean Perch	30,839	552	98%
Atka Mackerel	22,477	676	97%
Arrowtooth Flounder	16,795	3,037	85%
Alaska Plaice*	14,470	9,052	62%
Flathead Sole	15,792	1,188	93%
Kamchatka Flounder	6,976	619	92%
Northern Rockfish	1,813	171	91%
Skates	2,233	4,094	35%
Other Flatfish	710	787	47%
Greenland Turbot	779	267	74%
Squid	111	189	37%
Other Rockfish*	466	108	81%
Rougheye Rockfish*	259	39	87%
Sculpin	152	4,204	3%
Shortraker Rockfish*	249	35	88%
Sablefish	189	3	99%
Other Species*	3	53	5%
TOTAL	**1,680,560**	**39,044**	**98%**

* Prohibited retention with Inseason Action (see Fishery on PSC slide)

2014 Trawl	Retained	Discards	% retained
Pollock	1,279,947	13,916	99%
Yellowfin Sole	148,591	2,408	98%
Pacific Cod	77,141	625	99%
Rock Sole	49,909	1,885	96%
Pacific Ocean Perch	31,380	992	97%
Atka Mackerel	30,560	376	99%
Arrowtooth Flounder	16,582	1,804	90%
Alaska Plaice	15,633	3,698	81%
Flathead Sole	14,950	834	95%
Kamchatka Flounder	5,898	426	93%
Northern Rockfish	2,194	122	95%
Skates	1,805	3,015	37%
Other Flatfish	939	3,397	22%
Greenland Turbot	761	190	80%
Squid	682	996	41%
Other Rockfish*	597	70	90%
Rougheye Rockfish	174	12	94%
Sculpin	111	2,995	4%
Shortraker Rockfish	93	10	90%
Sablefish	59	1	98%
Other Species	7	88	7%
TOTAL	**1,678,013**	**37,860**	**98%**

Includes CDQ

BSAI Fixed Gear Groundfish Total Catch and Discards

2013

Hook-and-line Gear	Retained	Discards	% retained
Pacific Cod	123,070	3,556	97%
Skates	5,731	14,980	28%
Pollock	4,500	612	88%
Sablefish	1,040	27	97%
Greenland Turbot	615	83	88%
Other Rockfish*	146	144	50%
Arrowtooth	136	660	17%
Other Flatfish	4	1,868	0%
Shortraker Rockfish*	12	76	14%
Other Species	9	53	14%
Sculpins	0	1,185	0%
Rougheye Rockfish*	4	21	16%
Sharks*	0	67	0%
TOTAL	**135,267**	**23,334**	**85%**

Pot Gear	Retained	Discards	% retained
Pacific Cod	30,158	102	100%
Sablefish	438	1	100%
Octopus	39	141	22%
Other Species	6	650	1%
TOTAL	**30,641**	**893**	**97%**

2014

Hook-and-line Gear	Retained	Discards	% retained
Pacific Cod	115,221	2,929	98%
Skates	6,104	15,106	29%
Pollock	4,747	560	89%
Sablefish	711	37	95%
Greenland Turbot	635	67	90%
Other Rockfish*	119	184	39%
Arrowtooth	100	571	15%
Other Flatfish	62	2,403	3%
Shortraker Rockfish	13	79	14%
Other Species	7	34	18%
Sculpins	1	1,350	0%
Rougheye Rockfish	1	9	7%
Sharks	0	51	0%
TOTAL	**127,720**	**23,379**	**85%**

Pot Gear	Retained	Discards	% retained
Pacific Cod	29,269	125	100%
Sablefish	324	0	100%
Octopus	75	272	22%
Other Species	13	645	2%
TOTAL	**29,682**	**1,042**	**97%**

* Prohibited retention with Inseason Action (see Fishery on PSC slide)

Includes CDQ

BSAI Groundfish Species placed on Prohibited Species Status

2013	Prohibit retention
Alaska Plaice in BSAI	15-May-13
Rougheye Rockfish in Bering Sea and Eastern Aleutian Islands	15-Jul-13
Other Rockfish in Aleutian Islands	11-Sep-13
Sharks in BSAI	12-Sep-13
Shortraker Rockfish in BSAI	16-Sep-13
2014	
Other Rockfish in Aleutian Islands	6-Oct-14

2014 Salmon, Crab, and Herring Catch

Chinook Salmon	Total Catch	Limit	%
Pollock Fishery	15,031	60,000	25%
Non-Pollock Fisheries	2,956	*na*	*na*
Non-Chinook Salmon	**Total Catch**	**Limit**	**%**
Pollock Fishery	219,427	*na*	*na*
Non-Pollock Fisheries	4,698	*na*	*na*

	Other PSC Species	Total Catch	Limit	%
Trawl Gear	Opilio Tanner Crab (#)	512,945	9,316,949	6%
	Bairdi Tanner Crab (#)	662,849	3,071,677	22%
	Red King Crab (#)	34,744	80,161	43%
	Blue King Crab (#)	479	*na*	*na*
	Golden King Crab (#)	23,046	*na*	*na*
	Herring (mt)	186	2,179	9%
Fixed Gear	Opilio Tanner Crab (#)	30,794	*na*	*na*
	Bairdi Tanner Crab (#)	680,289	*na*	*na*
	Red King Crab (#)	239,949	*na*	*na*
	Blue King Crab (#)	407	*na*	*na*
	Golden King Crab (#)	4,428	*na*	*na*

Includes CDQ

2014 BSAI Halibut Catch

Hook-and-Line Halibut (mt)	Retained	Discard*	% Discarded	Mortality**	Limit	%
IFQ \ CDQ Halibut Fishery	1,652	862	34%	138	*na*	*na*
IFQ \ CDQ Sablefish Fishery	97	76	44%	8	*na*	*na*
Pacific Cod \ Other Species	1	4,149	100%	374	833	45%
TOTAL	1,750	5,087	74%	490	*na*	*na*

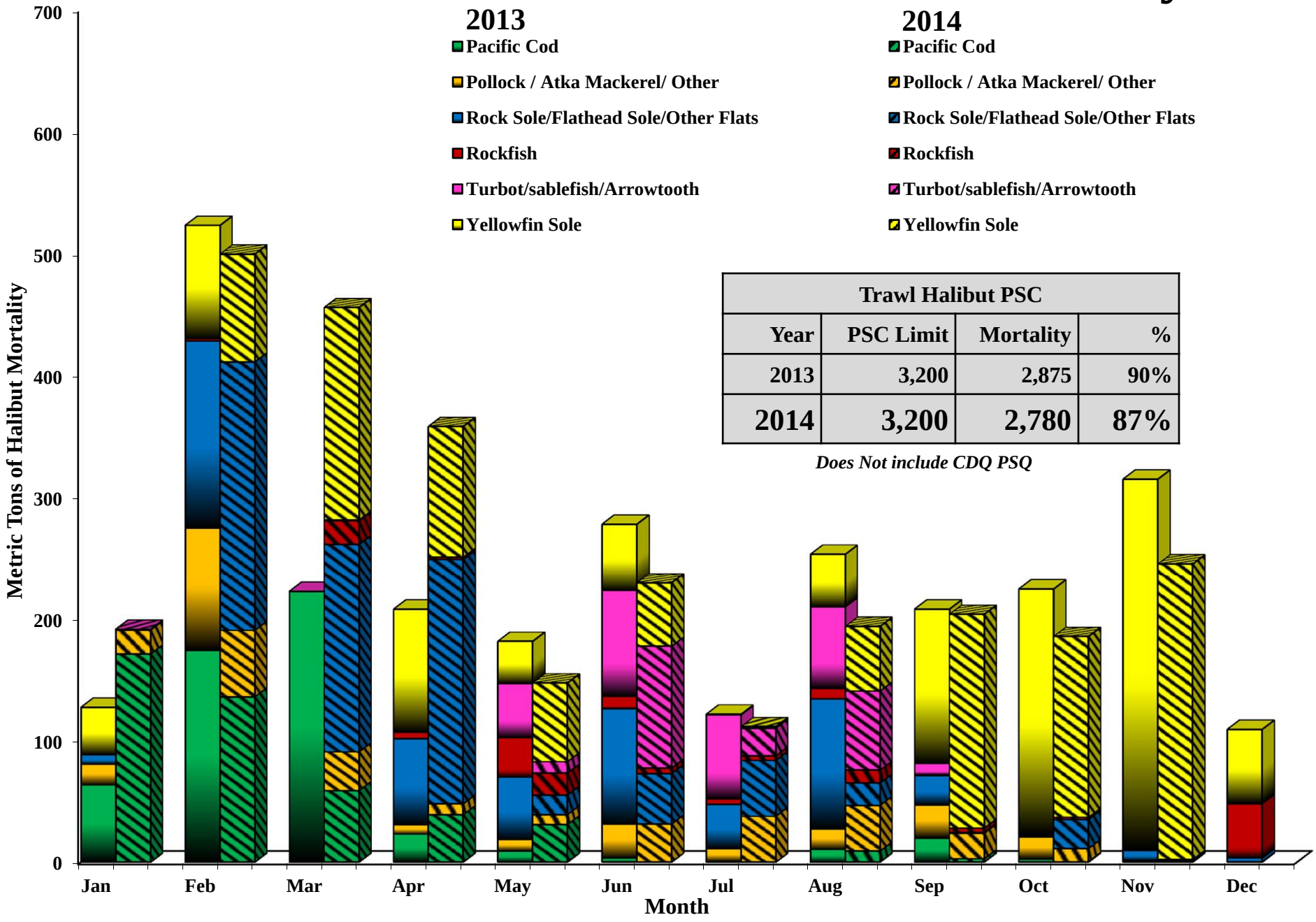
All Catch, retained and discarded is in round weight metric tons

- ** 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 (mt)	Total Catch	Mortality	Mortality Limit	%
Atka Mackerel	107	84	3,526	3%
Pacific Cod	465	332		11%
Rockfish	88	70		2%
Flathead Sole\Other Flatfish	165	121		4%
Pollock	237	198		7%
Rock Sole	792	674		23%
Arrowtooth\Kamchatka\Turbot	271	206		7%
Yellowfin Sole	1,564	1,302		44%
TOTAL	**3,689**	**2,986**	**3,526**	**83%**

Includes CDQ

2013/2014 BSAI Trawl Halibut Mortality



Trawl Halibut PSC			
Year	PSC Limit	Mortality	%
2013	3,200	2,875	90%
2014	3,200	2,780	87%

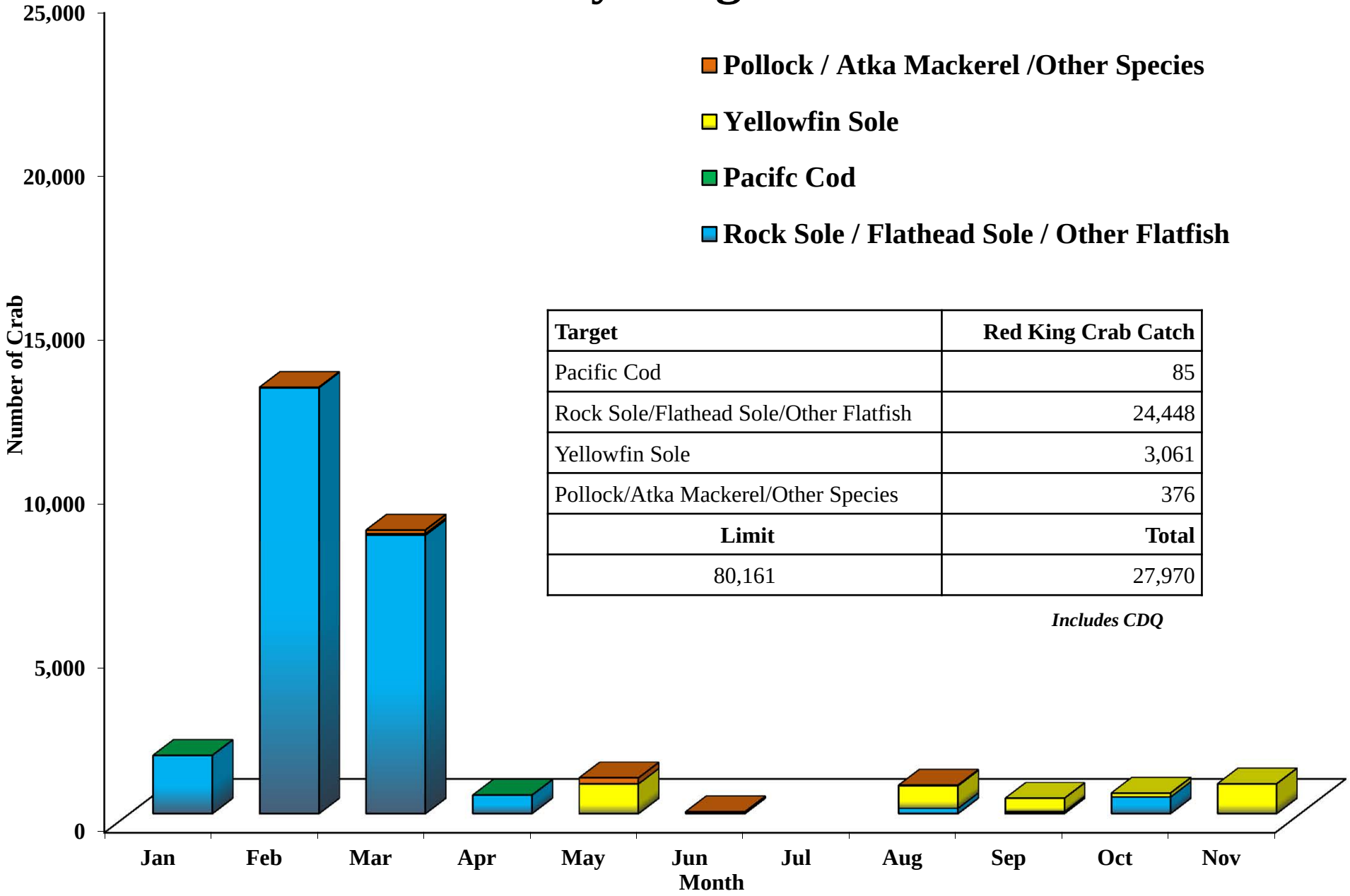
Does Not include CDQ PSQ

2014 BSAI Reduction in Halibut Mortality

Sector	2009-2013 Average (mt)	2014 (mt)	% Change	2009-2013 Rate*	2014 Rate*
Hook-and-line					
Catcher/Processors	512	367	-28%	4.31	2.89
Catcher Vessels	2	6	175%	3.34	2.77
Total	**514**	**373**	**-27%**	**4.30**	**2.89**
Non-Pelagic Trawl Gear					
Amendment 80 Catcher/Processors	2,048	2,136	4%	6.27	6.50
AFA Catcher/Processors	104	203	96%	3.41	5.71
Catcher Vessels	315	305	-3%	6.54	5.18
Total	**2,466**	**2,644**	**7%**	**6.08**	**6.25**
Pelagic Trawl Gear					
AFA Catcher/Processors	172	80	-54%	0.45	0.18
AFA Catcher Vessels	113	57	-49%	0.20	0.08
Total	**285**	**136**	**-52%**	**0.30**	**0.12**
CDQ					
Hook-and-line Vessels	65	31	-51%	3.13	1.61
Non-pelagic Trawl Vessels	135	185	38%	4.68	5.03
Pelagic Trawl Vessels	18	21	14%	0.17	0.16
Total	**218**	**237**	**9%**	**1.39**	**1.28**
All Sectors					
TOTAL	**3,482**	**3,391**	**-3%**	**2.14**	**1.82**

**** Rate is kg of halibut / mt of groundfish***

2014 Zone 1 Trawl Red King Crab Incidental Catch by Target



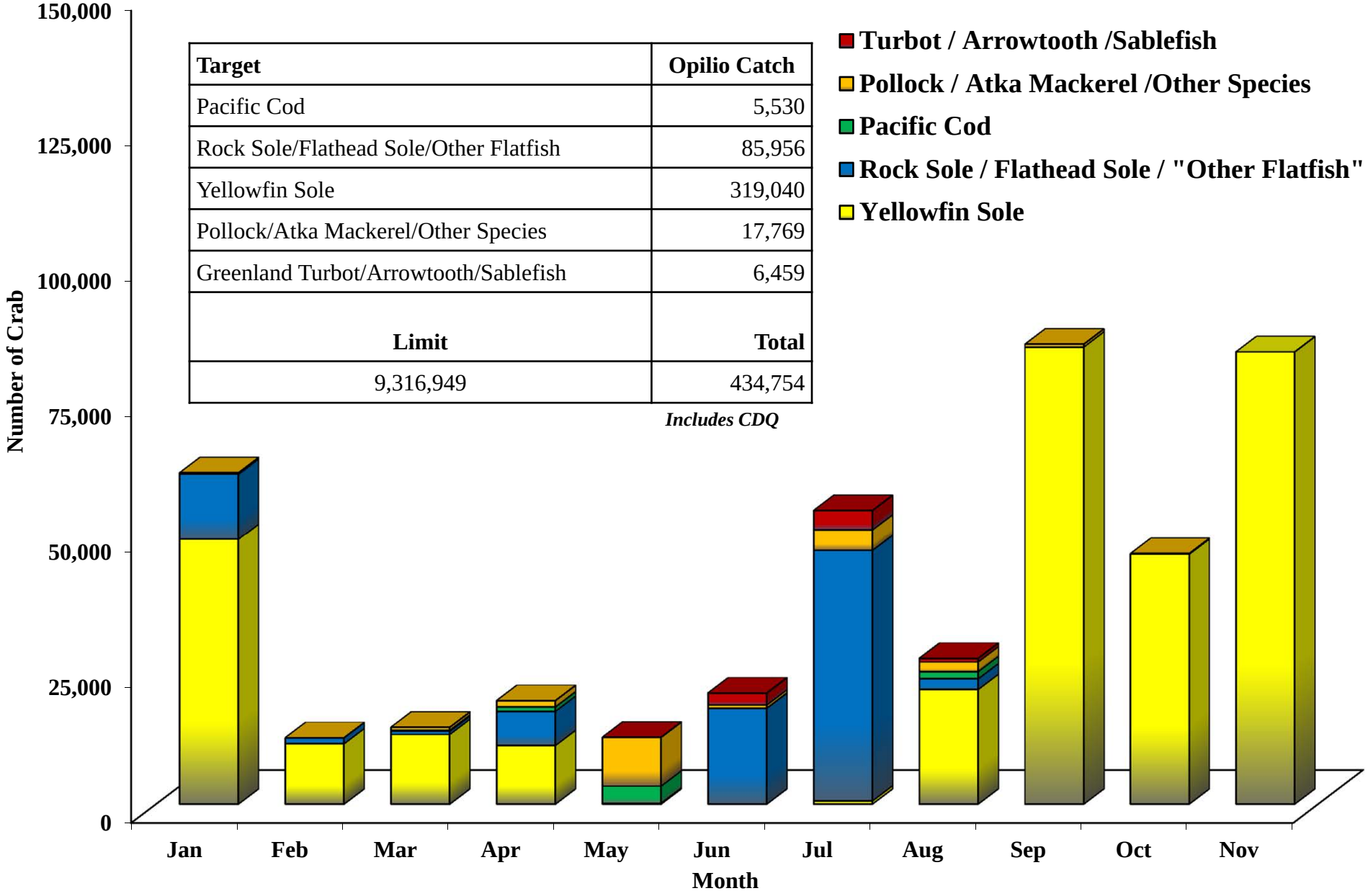
Target	Red King Crab Catch
Pacific Cod	85
Rock Sole/Flathead Sole/Other Flatfish	24,448
Yellowfin Sole	3,061
Pollock/Atka Mackerel/Other Species	376
Limit	**Total**
80,161	27,970

Includes CDQ

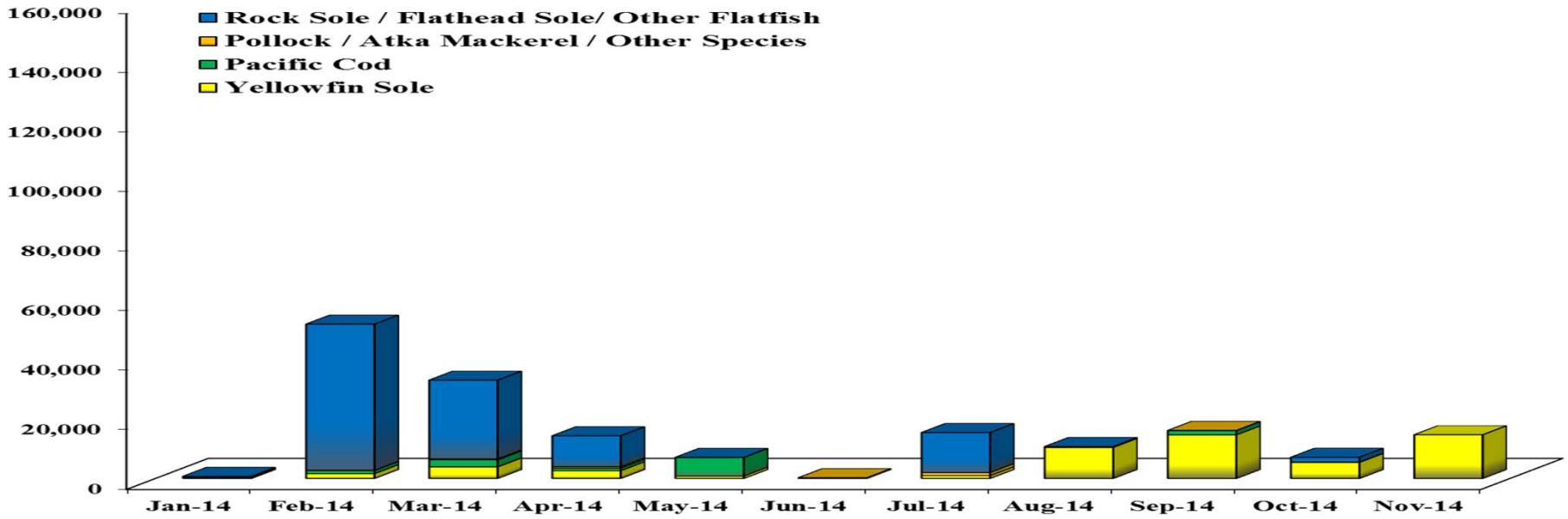
2014 COBLZ Trawl Opilio Crab Incidental Catch by Target

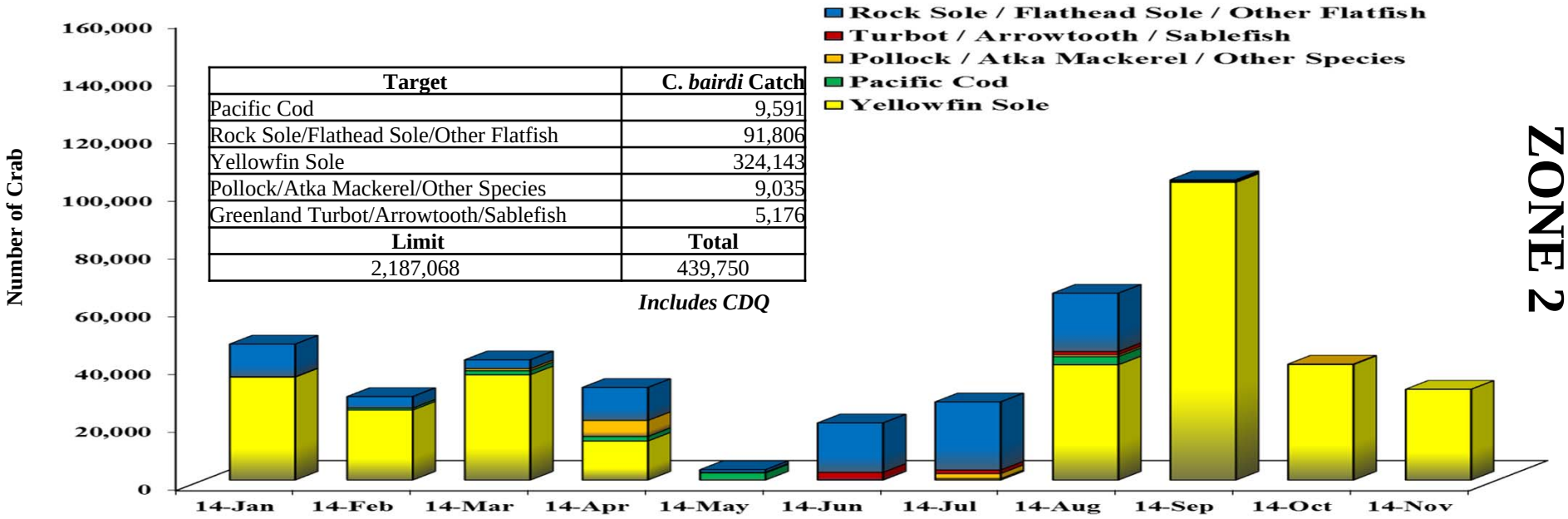
Target	Opilio Catch
Pacific Cod	5,530
Rock Sole/Flathead Sole/Other Flatfish	85,956
Yellowfin Sole	319,040
Pollock/Atka Mackerel/Other Species	17,769
Greenland Turbot/Arrowtooth/Sablefish	6,459
Limit	**Total**
9,316,949	434,754

Includes CDQ



2014 Zone 1 and 2 Trawl *C. bairdi* Crab Incidental Catch by Month and Target

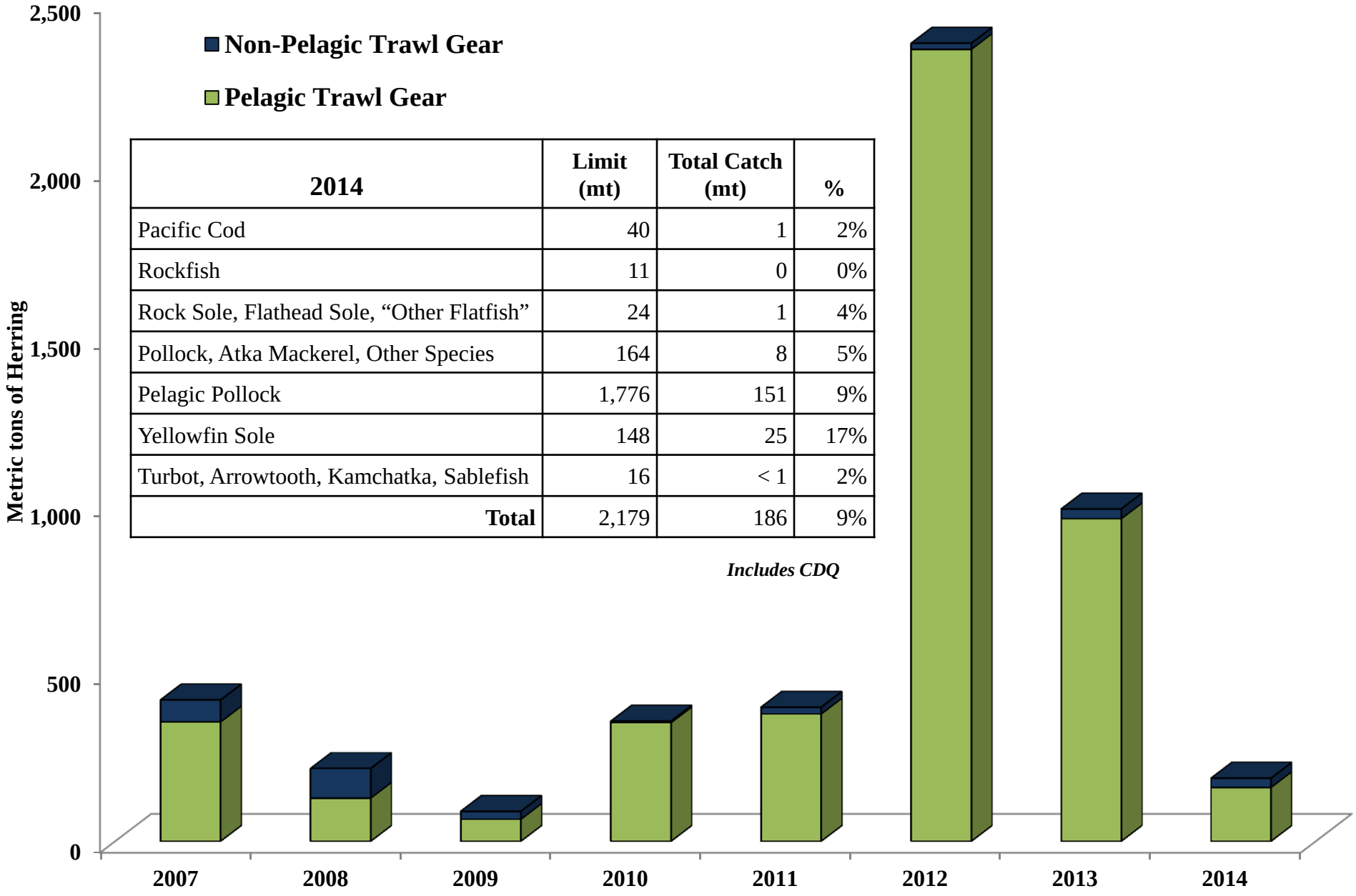




Target	C. *bairdi* Catch
Pacific Cod	9,591
Rock Sole/Flathead Sole/Other Flatfish	91,806
Yellowfin Sole	324,143
Pollock/Atka Mackerel/Other Species	9,035
Greenland Turbot/Arrowtooth/Sablefish	5,176
Limit	**Total**
2,187,068	439,750

Includes CDQ

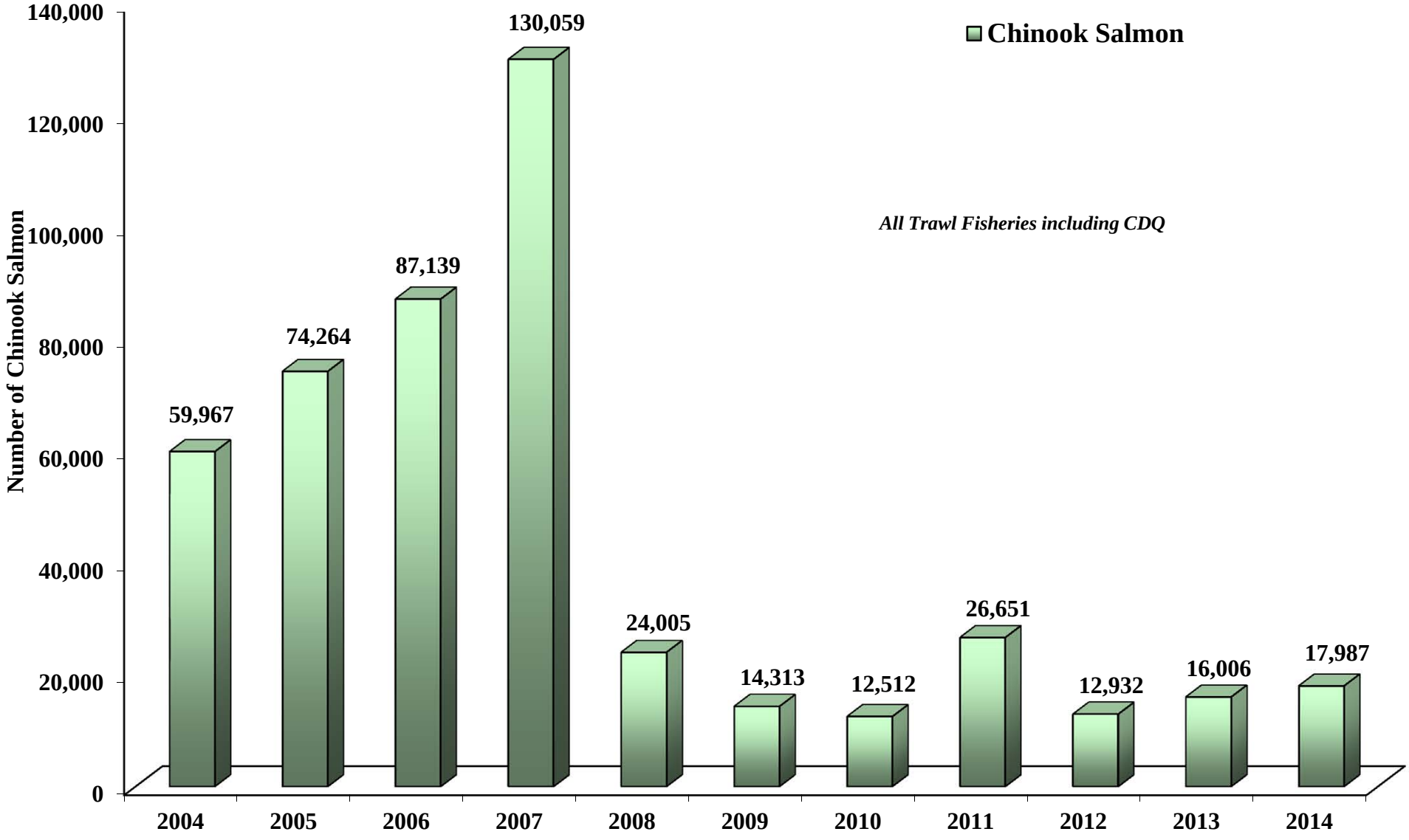
BSAI Herring Incidental Catch



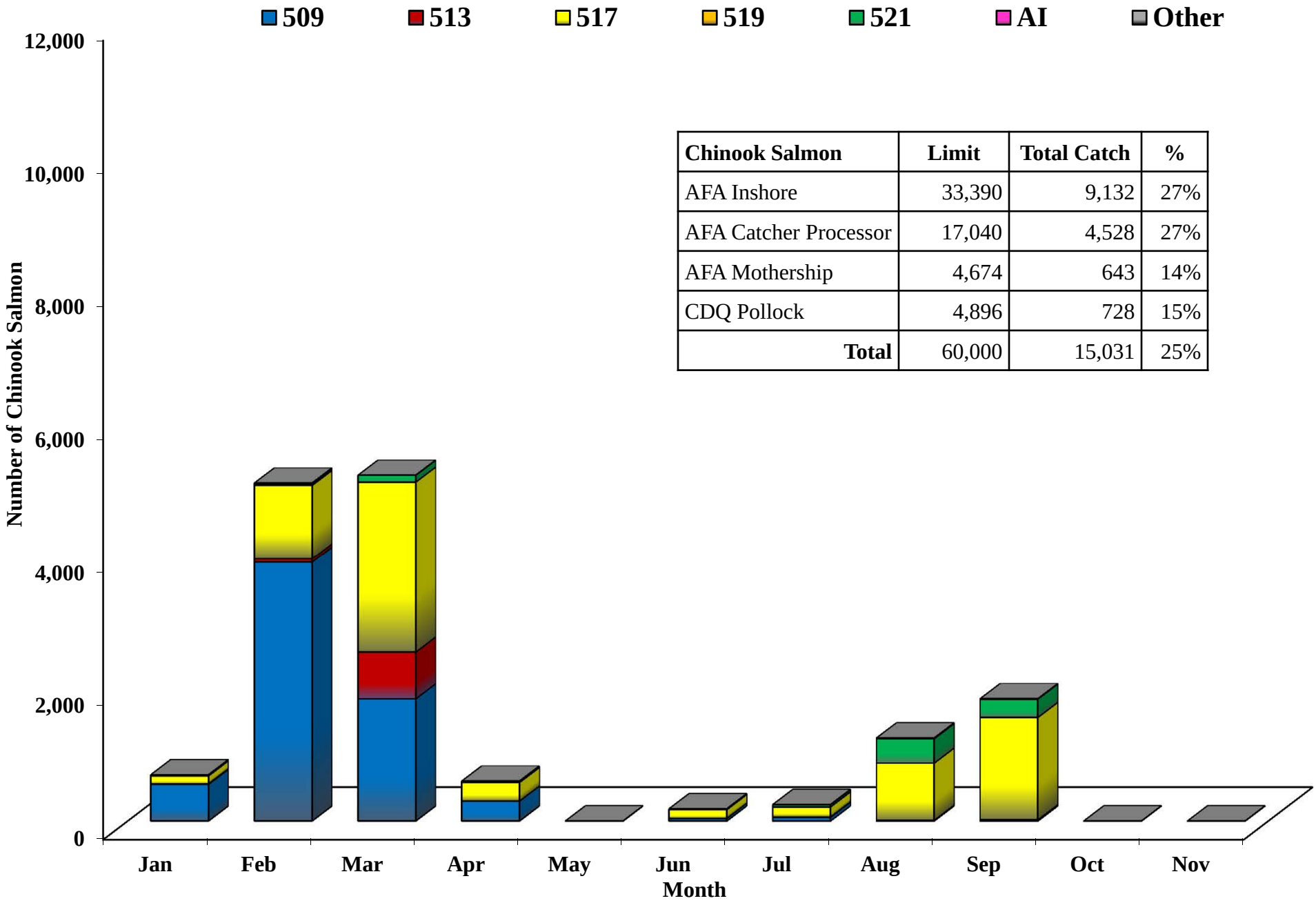
2014	Limit (mt)	Total Catch (mt)	%
Pacific Cod	40	1	2%
Rockfish	11	0	0%
Rock Sole, Flathead Sole, “Other Flatfish”	24	1	4%
Pollock, Atka Mackerel, Other Species	164	8	5%
Pelagic Pollock	1,776	151	9%
Yellowfin Sole	148	25	17%
Turbot, Arrowtooth, Kamchatka, Sablefish	16	< 1	2%
Total	2,179	186	9%

Includes CDQ

BSAI Trawl Chinook Salmon Incidental Catch

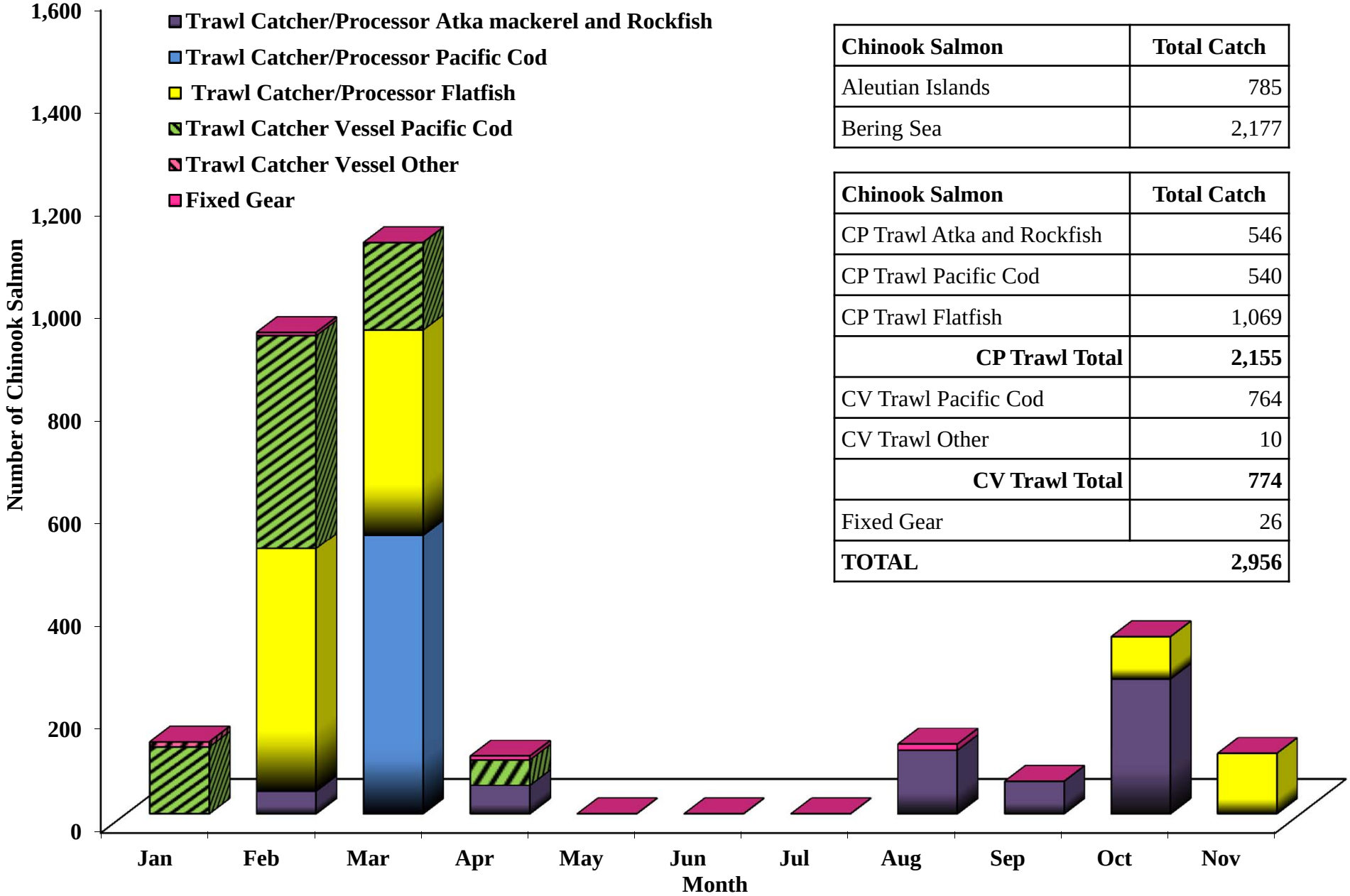


2014 Pollock Fishery Chinook Salmon Incidental Catch



Chinook Salmon	Limit	Total Catch	%
AFA Inshore	33,390	9,132	27%
AFA Catcher Processor	17,040	4,528	27%
AFA Mothership	4,674	643	14%
CDQ Pollock	4,896	728	15%
Total	60,000	15,031	25%

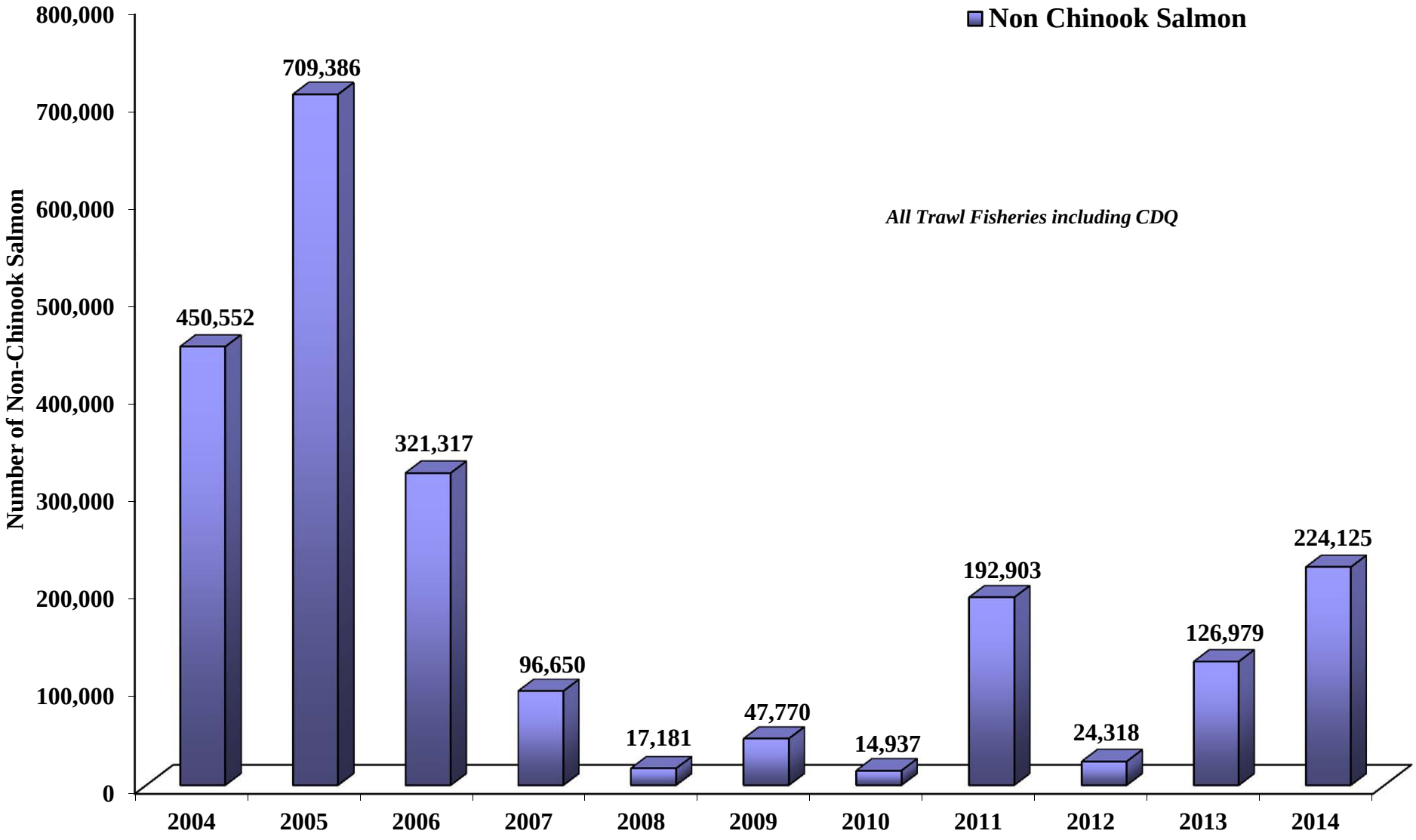
2014 Non-Pollock Fishery Chinook Salmon Incidental Catch by Fishery and Sector



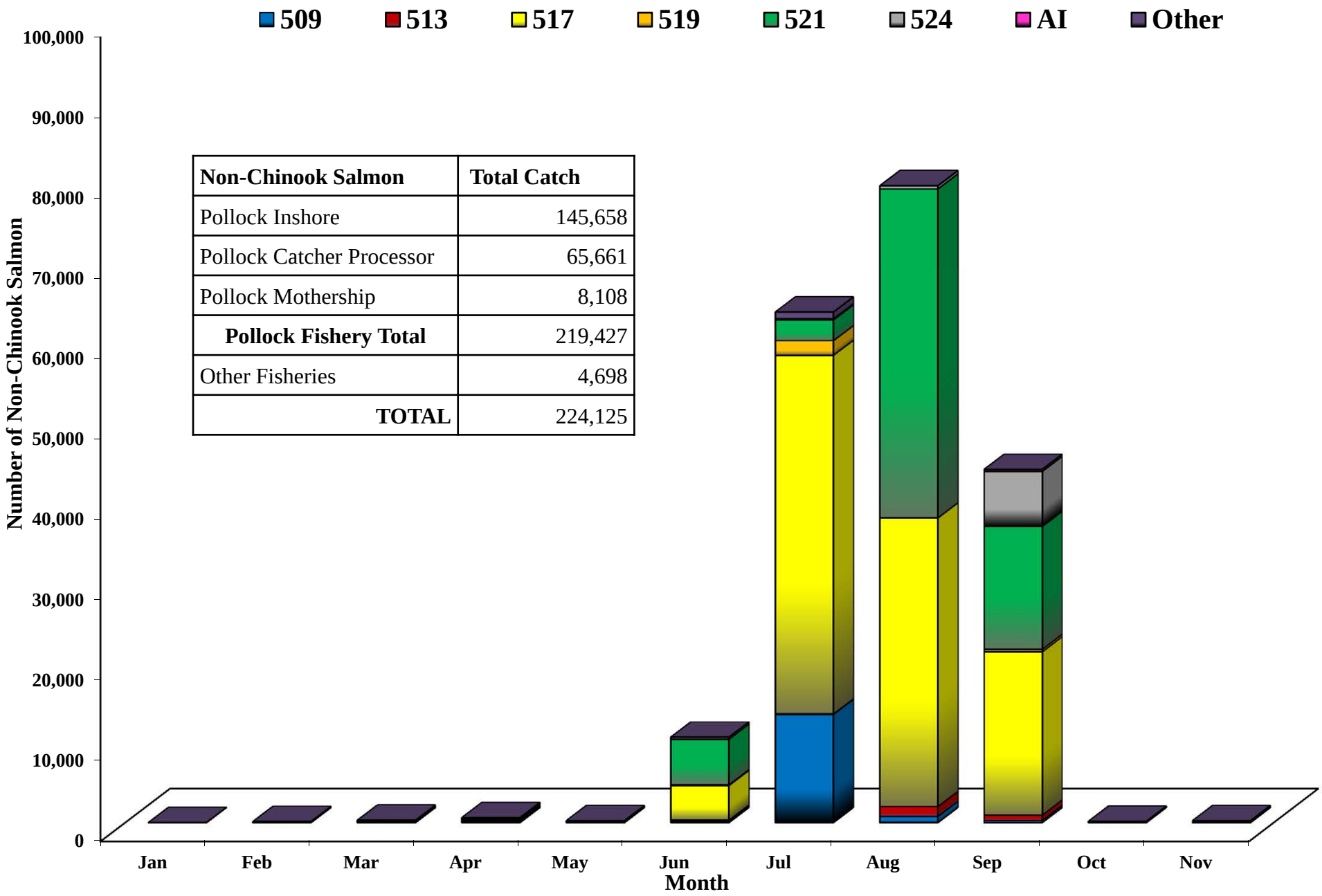
Chinook Salmon	Total Catch
Aleutian Islands	785
Bering Sea	2,177

Chinook Salmon	Total Catch
CP Trawl Atka and Rockfish	546
CP Trawl Pacific Cod	540
CP Trawl Flatfish	1,069
CP Trawl Total	**2,155**
CV Trawl Pacific Cod	764
CV Trawl Other	10
CV Trawl Total	**774**
Fixed Gear	26
TOTAL	**2,956**

BSAI Trawl Non-Chinook Salmon Incidental Catch



2014 Trawl Non-Chinook Salmon Incidental Catch



Non-Chinook Salmon	Total Catch
Pollock Inshore	145,658
Pollock Catcher Processor	65,661
Pollock Mothership	8,108
Pollock Fishery Total	219,427
Other Fisheries	4,698
TOTAL	224,125