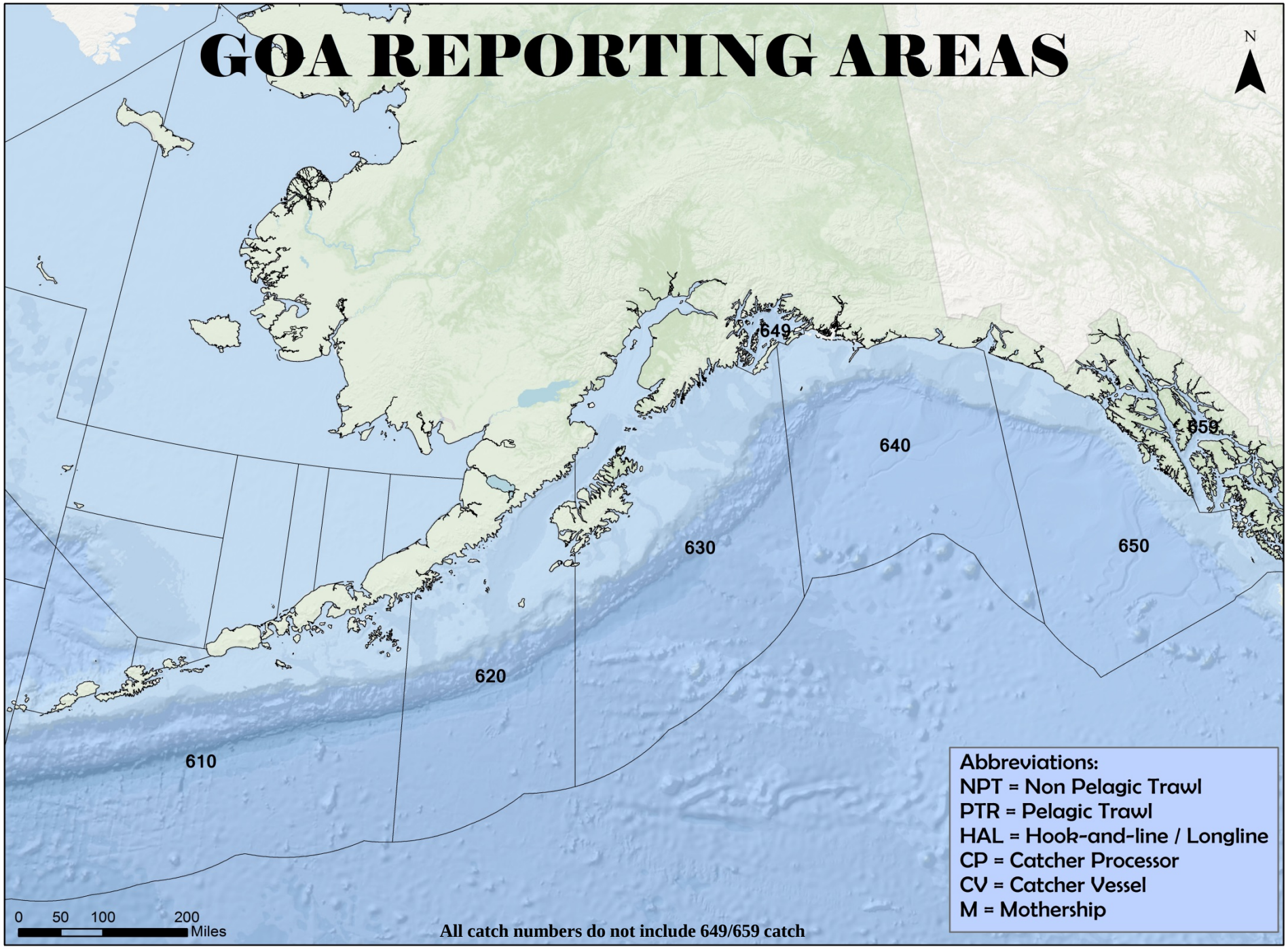
Gulf of Alaska
Inseason Management Report
December 2014

Catch data are through November 22, 2014

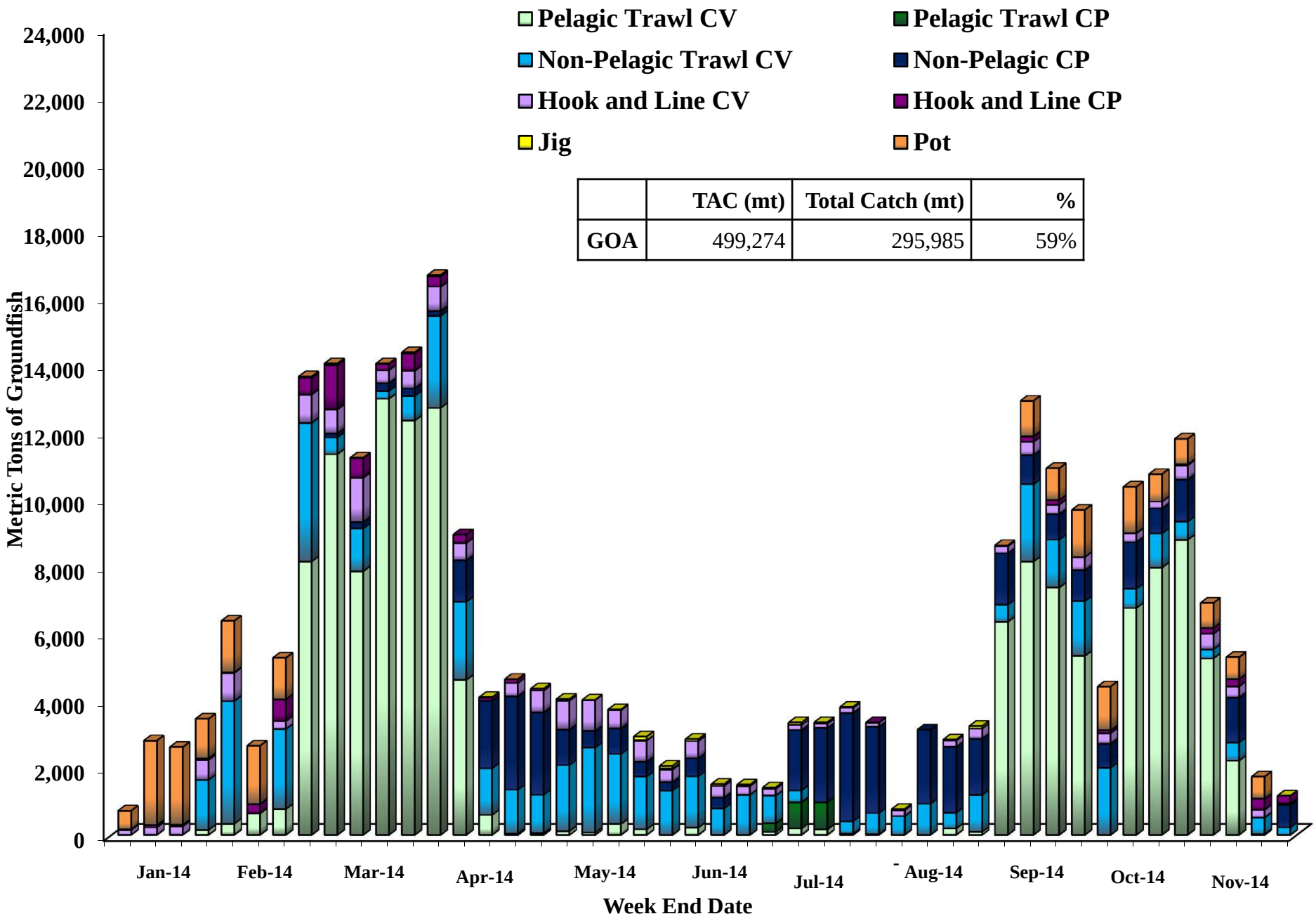
Management reports can be found at:

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

Report Prepared by:
Josh Keaton
November, 2014

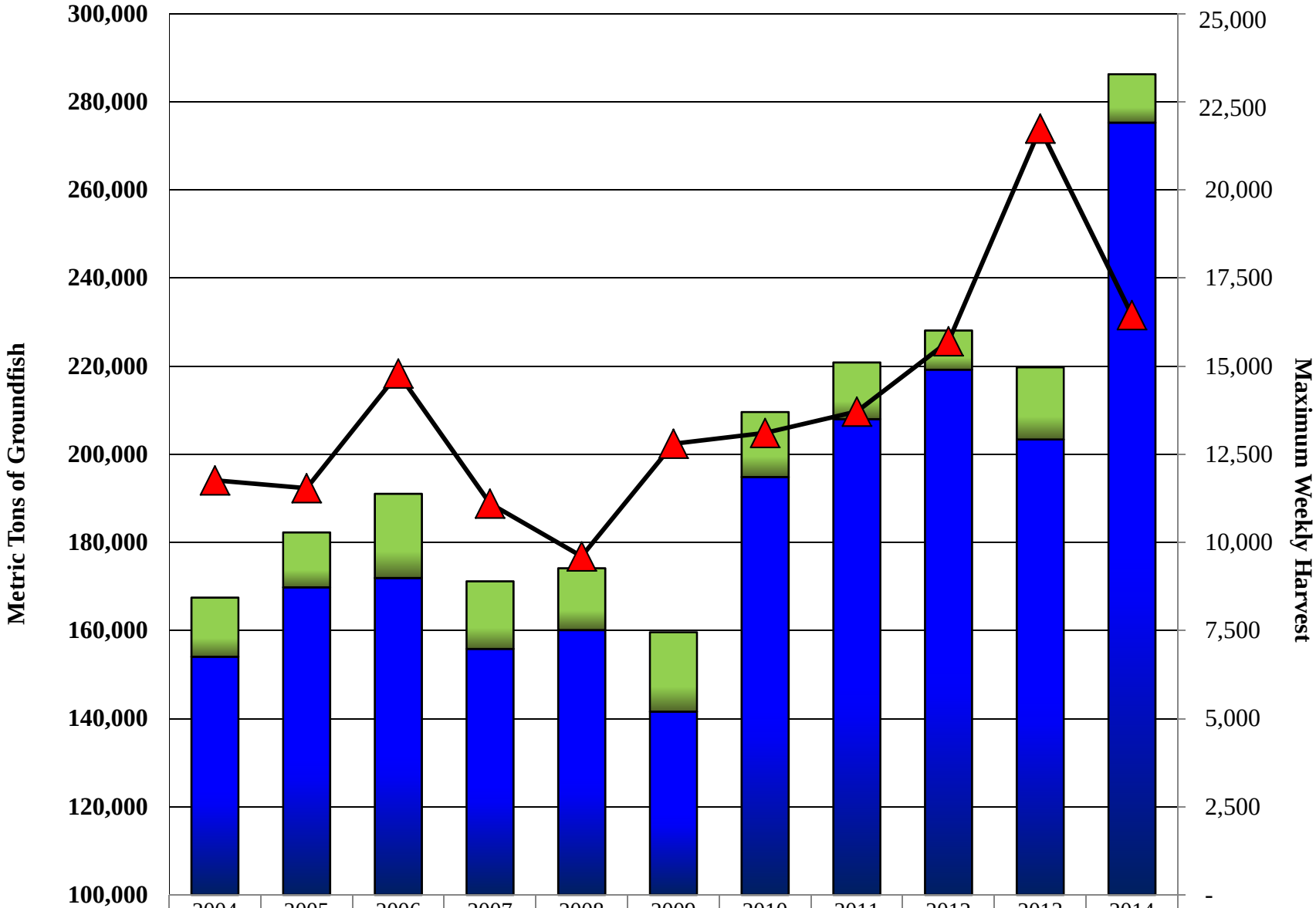

GOA REPORTING AREAS
N
649
659
640
630
650
620
610
Abbreviations:
NPT = Non Pelagic Trawl
PTR = Pelagic Trawl
HAL = Hook-and-line / Longline
CP = Catcher Processor
CV = Catcher Vessel
M = Mothership
0 50 100 200
Miles
All catch numbers do not include 649/659 catch

2014 GOA Total Groundfish Catch by Gear & Sector

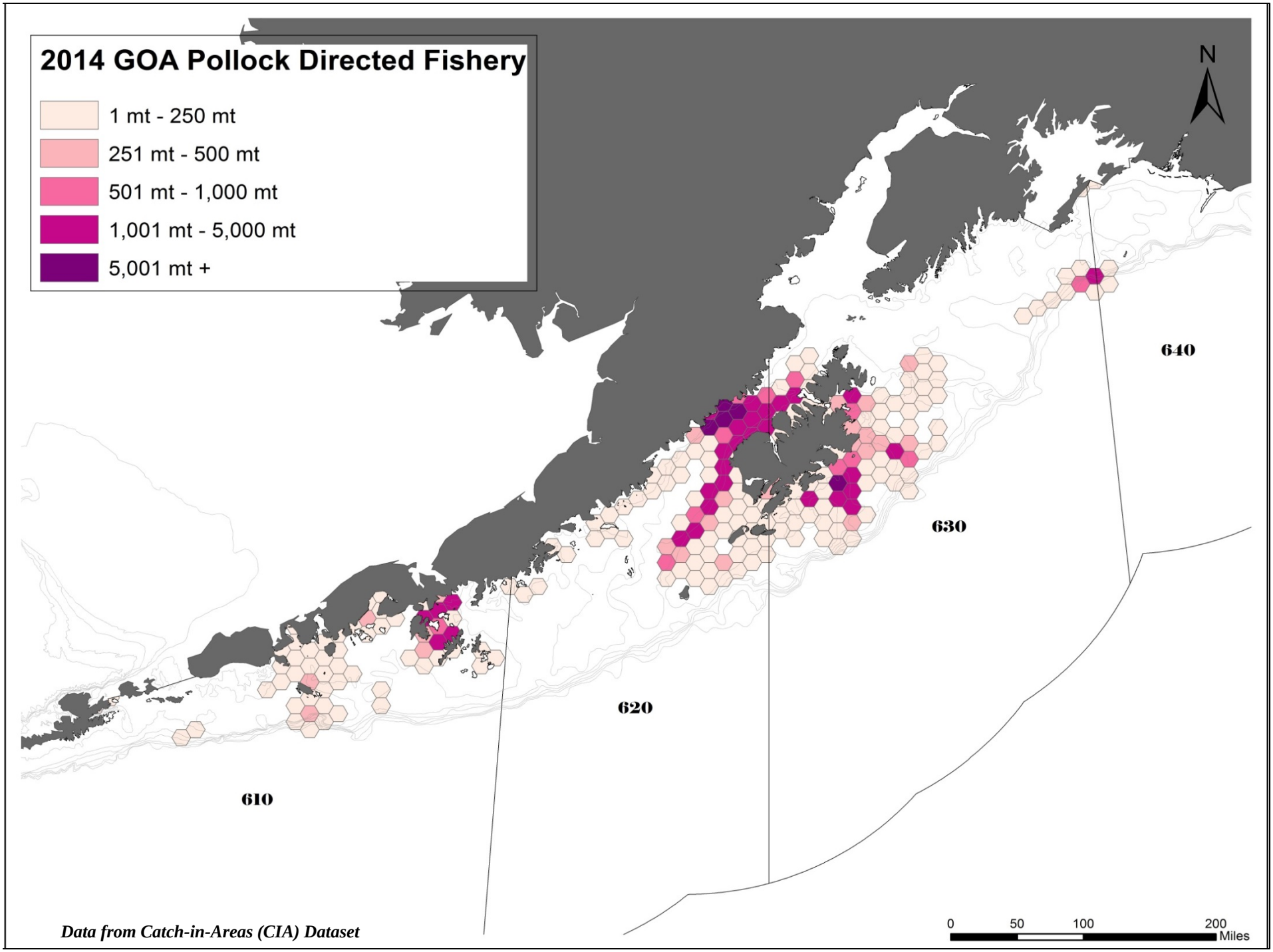


	TAC (mt)	Total Catch (mt)	%
GOA	499,274	295,985	59%

GOA Total Groundfish Catch and Max Weekly Harvest

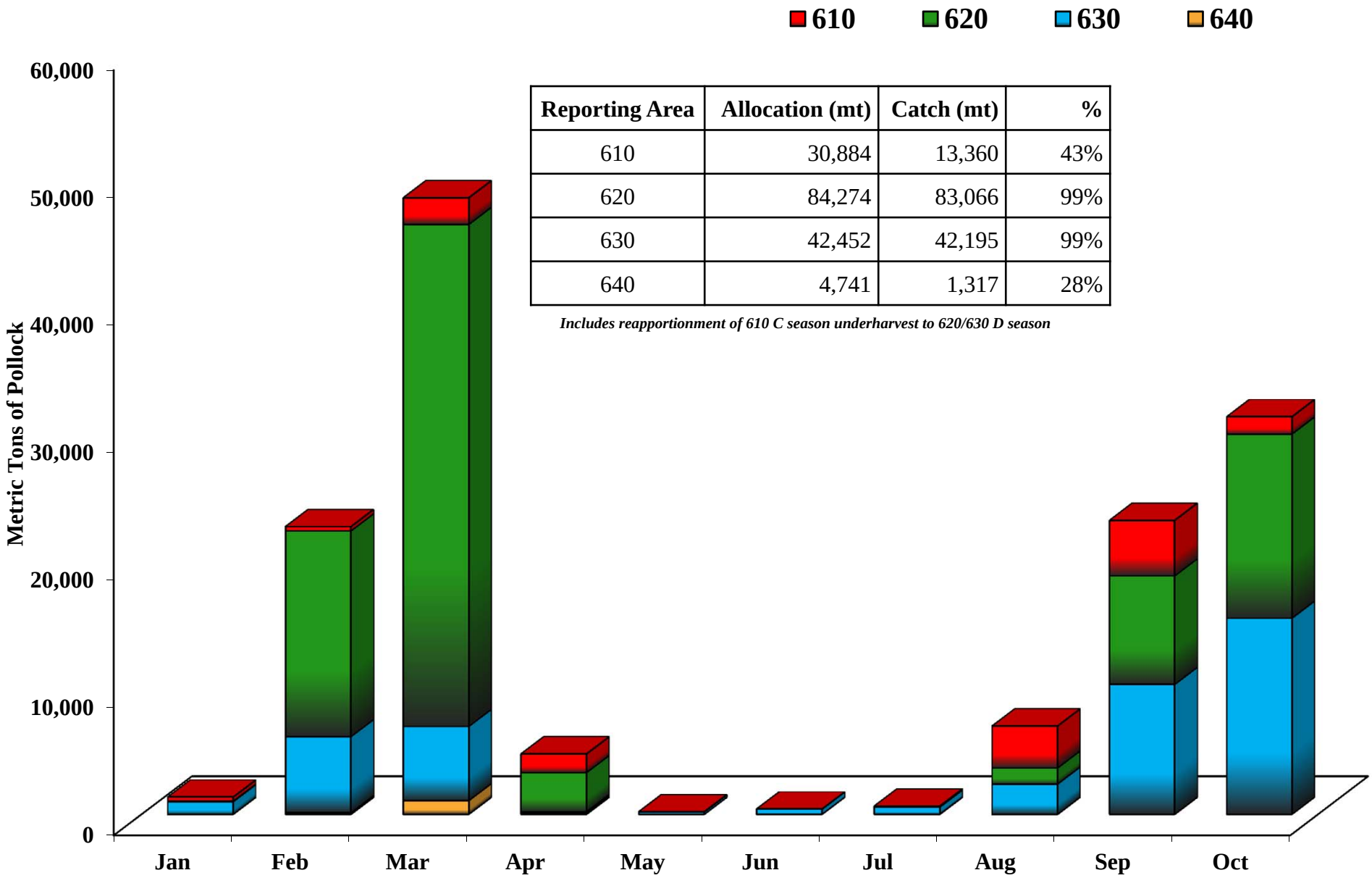


	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Discarded Catch	13,417	12,470	19,092	15,343	14,023	18,028	14,750	12,861	8,894	16,368	11,006
Retained Catch	154,052	169,803	171,939	155,835	160,114	141,591	194,846	207,982	219,205	203,372	275,268
maximum Weekly Harvest	11,760	11,538	14,793	11,103	9,603	12,799	13,106	13,711	15,706	21,741	16,448



Data from Catch-in-Areas (CIA) Dataset

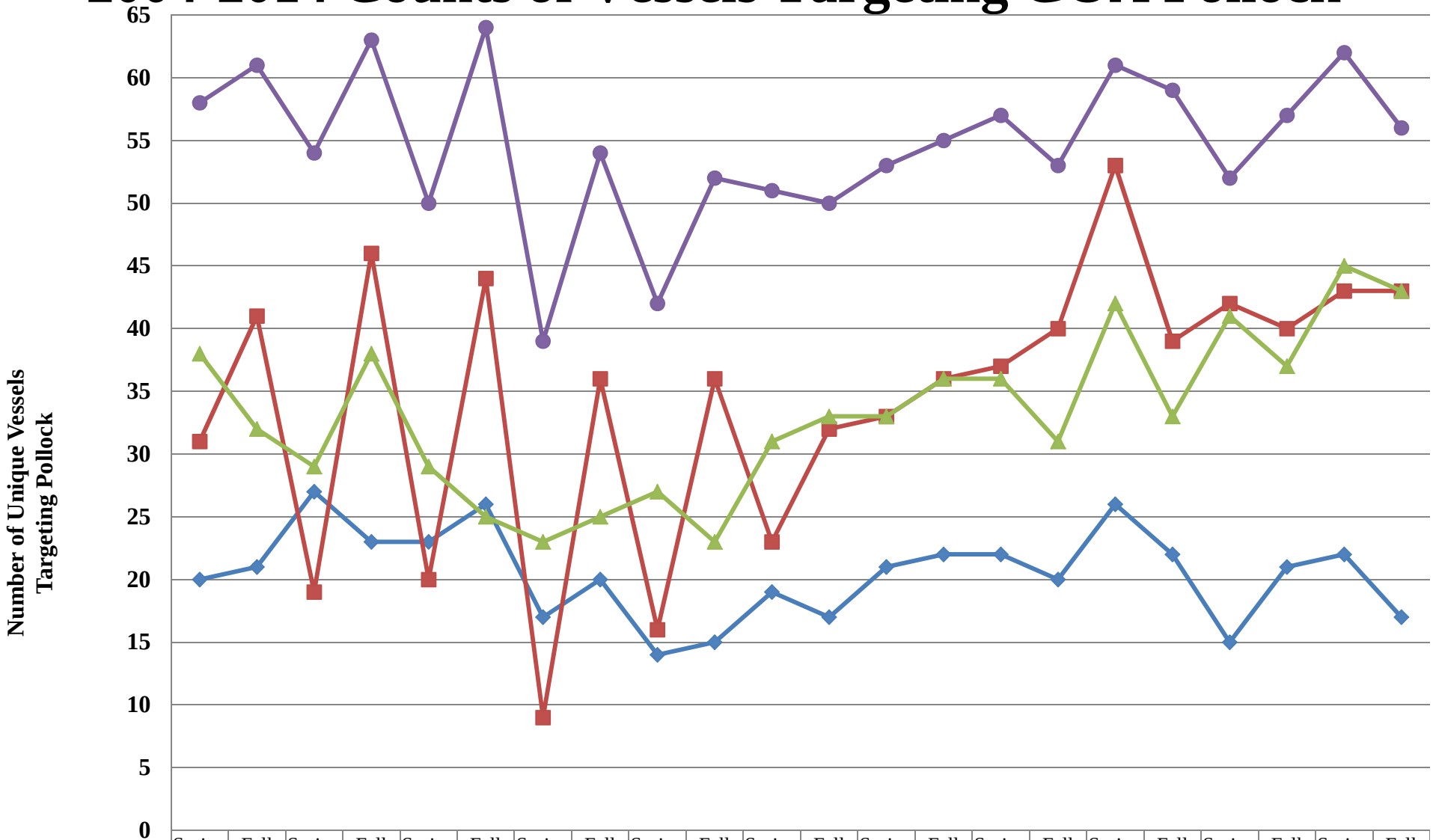
2014 Pollock Catch in GOA



Reporting Area	Allocation (mt)	Catch (mt)	%
610	30,884	13,360	43%
620	84,274	83,066	99%
630	42,452	42,195	99%
640	4,741	1,317	28%

Includes reapportionment of 610 C season underharvest to 620/630 D season

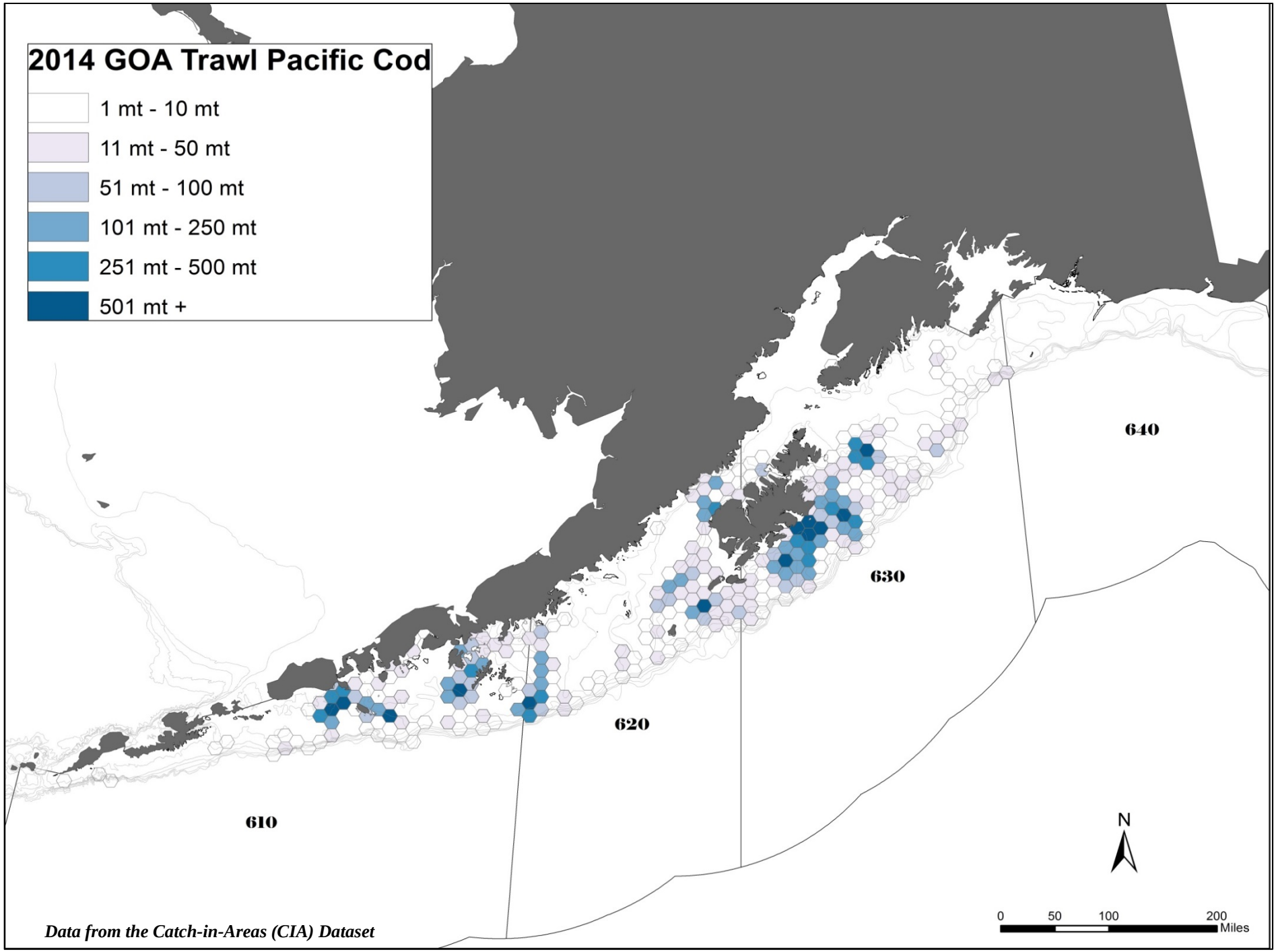
2004-2014 Counts of Vessels Targeting GOA Pollock

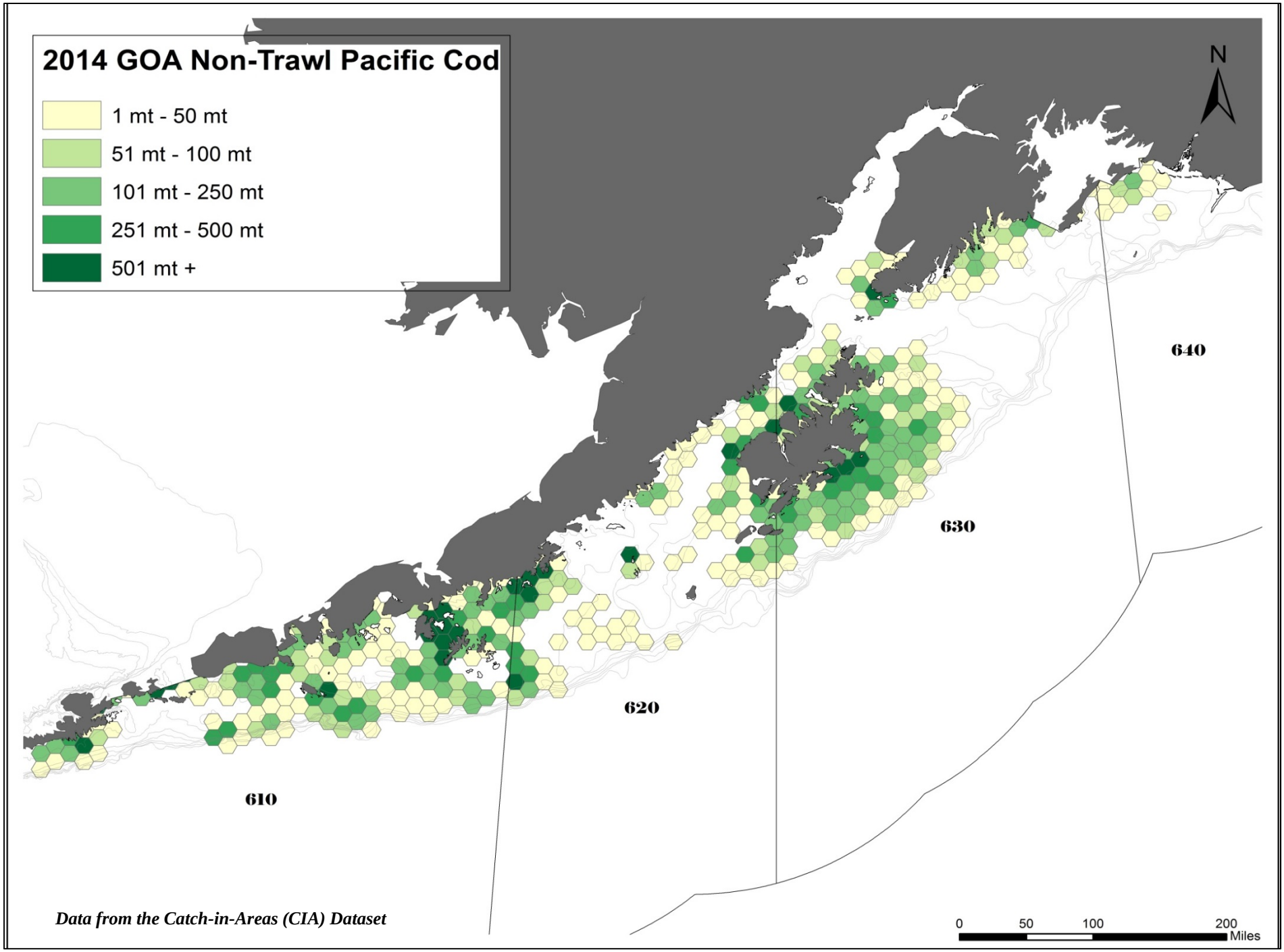


	Spring 2004	Fall 2004	Spring 2005	Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008	Spring 2009	Fall 2009	Spring 2010	Fall 2010	Spring 2011	Fall 2011	Spring 2012	Fall 2012	Spring 2013	Fall 2013	Spring 2014	Fall 2014
610	20	21	27	23	23	26	17	20	14	15	19	17	21	22	22	20	26	22	15	21	22	17
620	31	41	19	46	20	44	9	36	16	36	23	32	33	36	37	40	53	39	42	40	43	43
630	38	32	29	38	29	25	23	25	27	23	31	33	33	36	36	31	42	33	41	37	45	43
All Areas	58	61	54	63	50	64	39	54	42	52	51	50	53	55	57	53	61	59	52	57	62	56

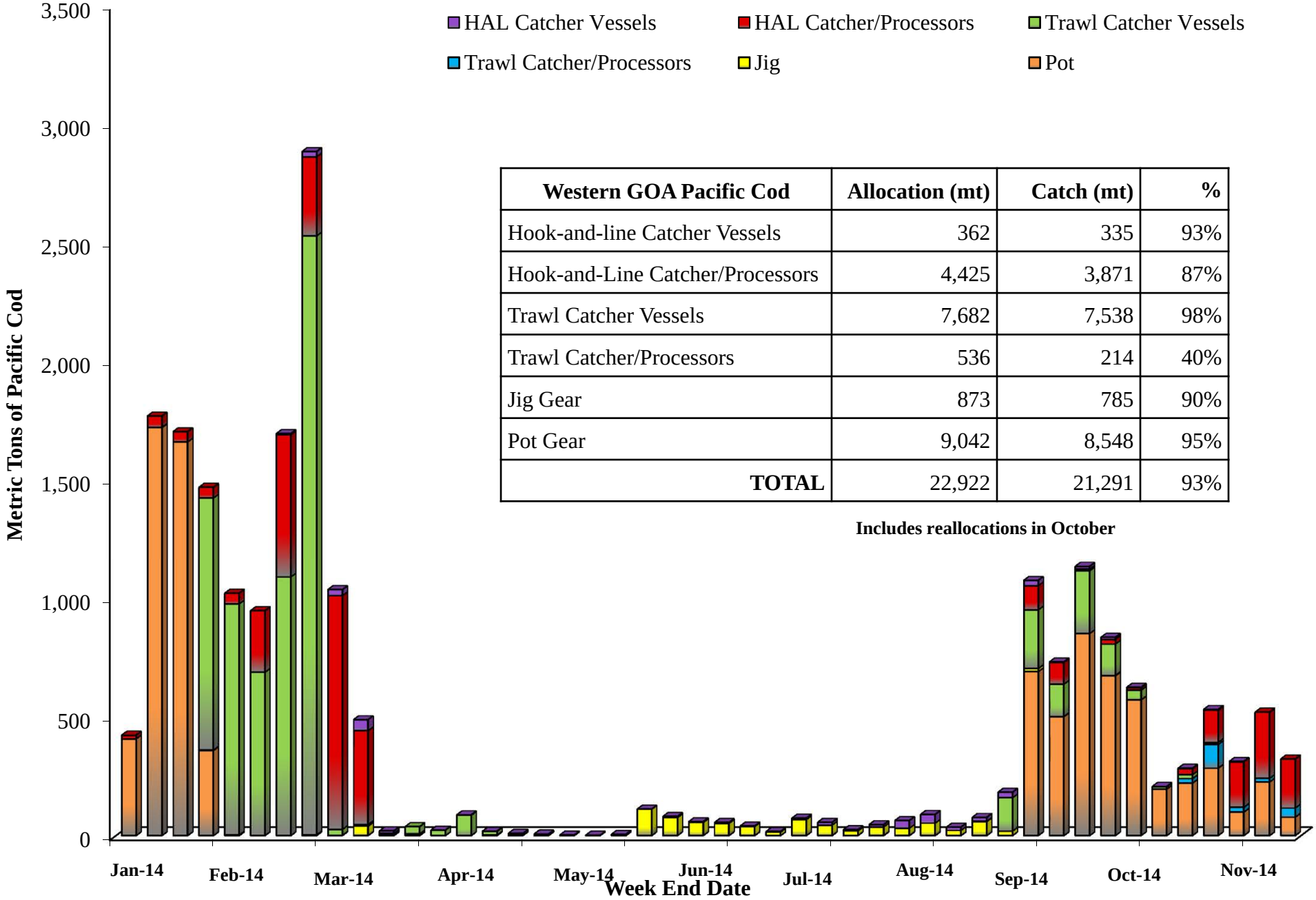
2014 Pollock Closures

		Open	Closed	Reason
610 Pollock	**A Season**	Jan 20	Mar 10	Season end
	B Season	Mar 10	Jun 1	Season end
	C Season	Aug 25	Oct 1	Season end
	D Season	Oct 1	Nov 1	Season end
620 Pollock	**A Season**	Jan 20	Mar 10	Season end
	B Season	Mar 10	Apr 10	TAC
	C Season	Aug 25	Sep 16	TAC
	D Season	Oct 1	Nov 1	Season end
630 Pollock	**A Season**	Jan 20	Mar 10	Season end
	B Season	Mar 10	Mar 31	TAC
	C Season	Aug 25	Sep 23	TAC
	D Season	Oct 1	Nov 1	Season end
West Yakutat Pollock		Jan 20	Nov 1	Season end


2014 GOA Trawl Pacific Cod
1 mt - 10 mt
11 mt - 50 mt
51 mt - 100 mt
101 mt - 250 mt
251 mt - 500 mt
501 mt +
640
630
620
610
N
0
50
100
200
Miles
Data from the Catch-in-Areas (CIA) Dataset


2014 GOA Non-Trawl Pacific Cod
1 mt - 50 mt
51 mt - 100 mt
101 mt - 250 mt
251 mt - 500 mt
501 mt +
N
640
630
620
610
Data from the Catch-in-Areas (CIA) Dataset
0
50
100
200
Miles

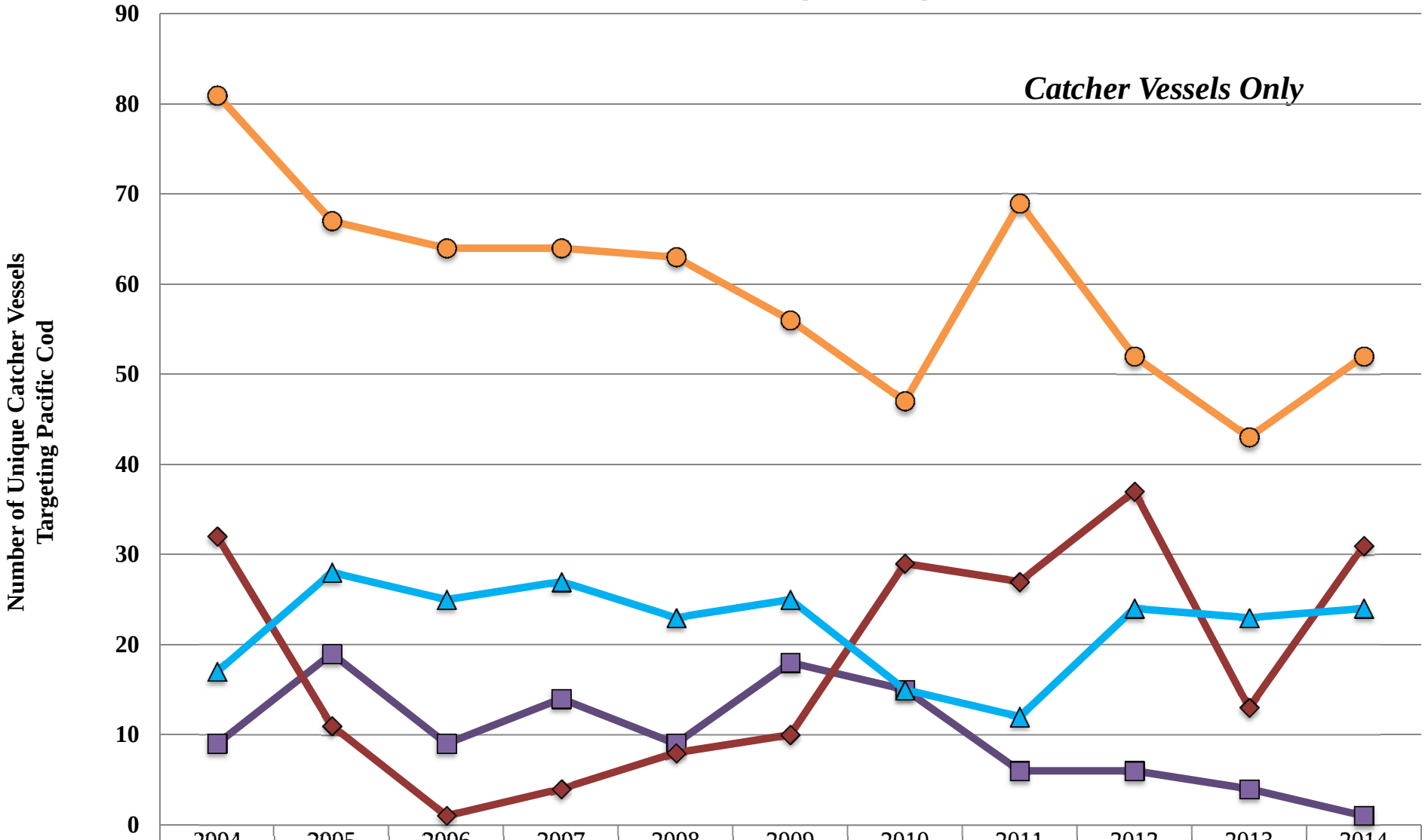
2014 Western Gulf Pacific Cod Catch by Week and Sector



Western GOA Pacific Cod	Allocation (mt)	Catch (mt)	%
Hook-and-line Catcher Vessels	362	335	93%
Hook-and-Line Catcher/Processors	4,425	3,871	87%
Trawl Catcher Vessels	7,682	7,538	98%
Trawl Catcher/Processors	536	214	40%
Jig Gear	873	785	90%
Pot Gear	9,042	8,548	95%
TOTAL	22,922	21,291	93%

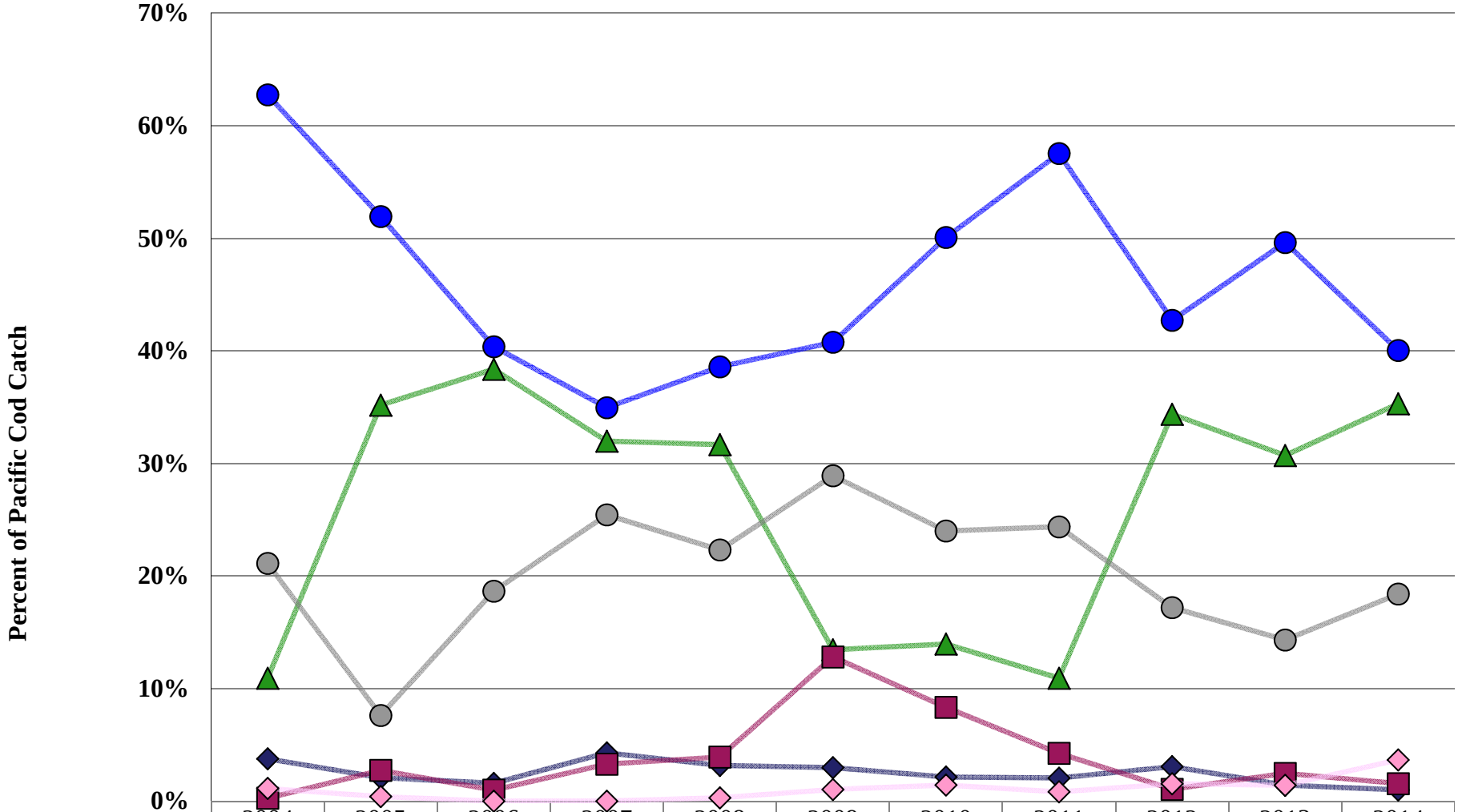
Includes reallocations in October

2004-2014 Counts of Vessels Targeting WGOA Pacific Cod



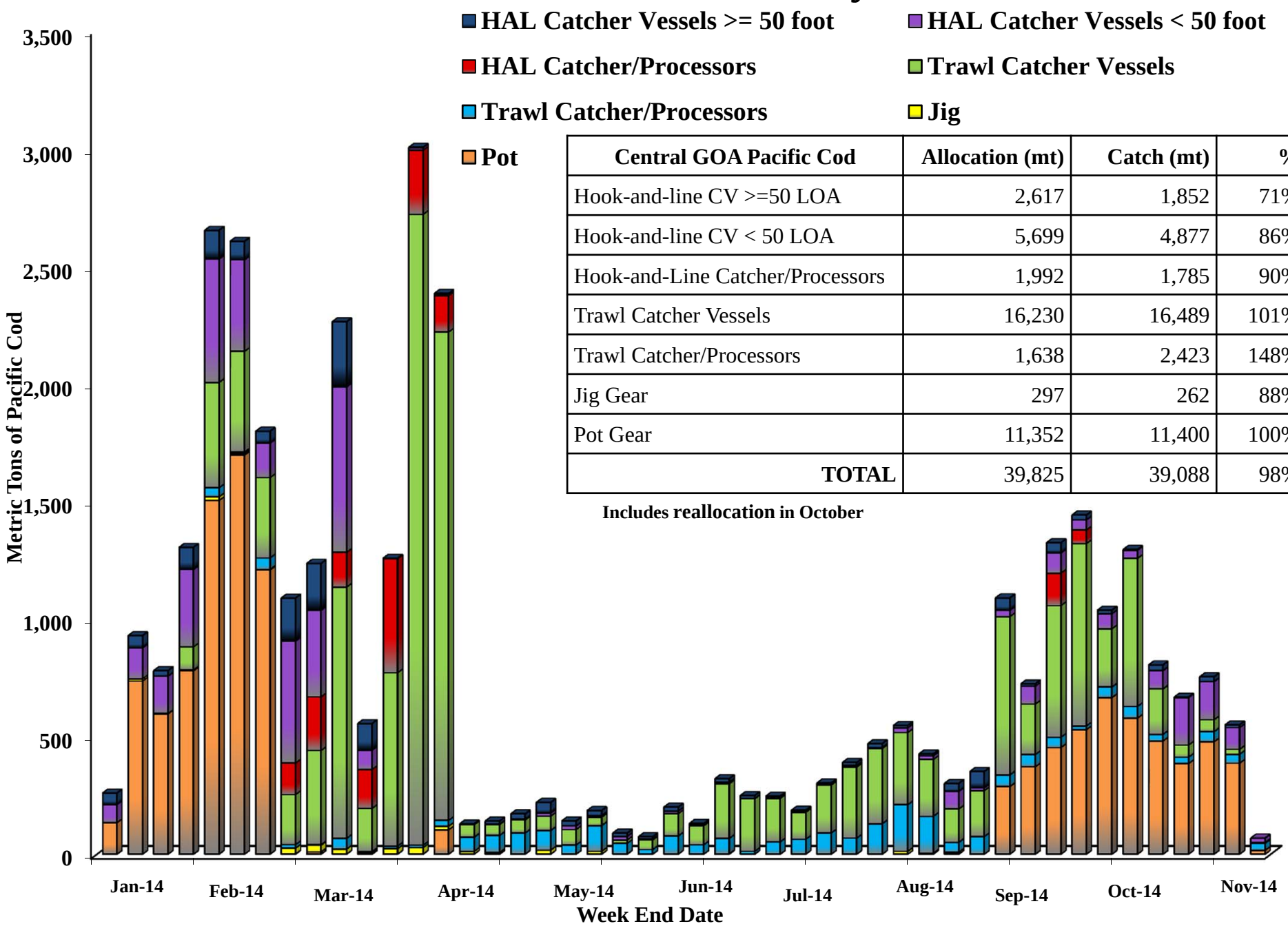
	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
HAL	9	19	9	14	9	18	15	6	6	4	1
JIG	32	11	1	4	8	10	29	27	37	13	31
POT	81	67	64	64	63	56	47	69	52	43	52
TRW	17	28	25	27	23	25	15	12	24	23	24

Annual Western Gulf Pacific Cod Catch by Sector



	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Trawl (CV)	11%	35%	38%	32%	32%	13%	14%	11%	34%	31%	35%
Trawl (CP)	4%	2%	2%	4%	3%	3%	2%	2%	3%	1%	1%
HAL (CV)	0%	3%	1%	3%	4%	13%	8%	4%	1%	2%	2%
Pot (CV)	63%	52%	40%	35%	39%	41%	50%	58%	43%	50%	40%
Jig (CV)	1%	0%	0%	0%	0%	1%	1%	1%	2%	1%	4%
Fixed Gear CP	21%	8%	19%	25%	22%	29%	24%	24%	17%	14%	18%

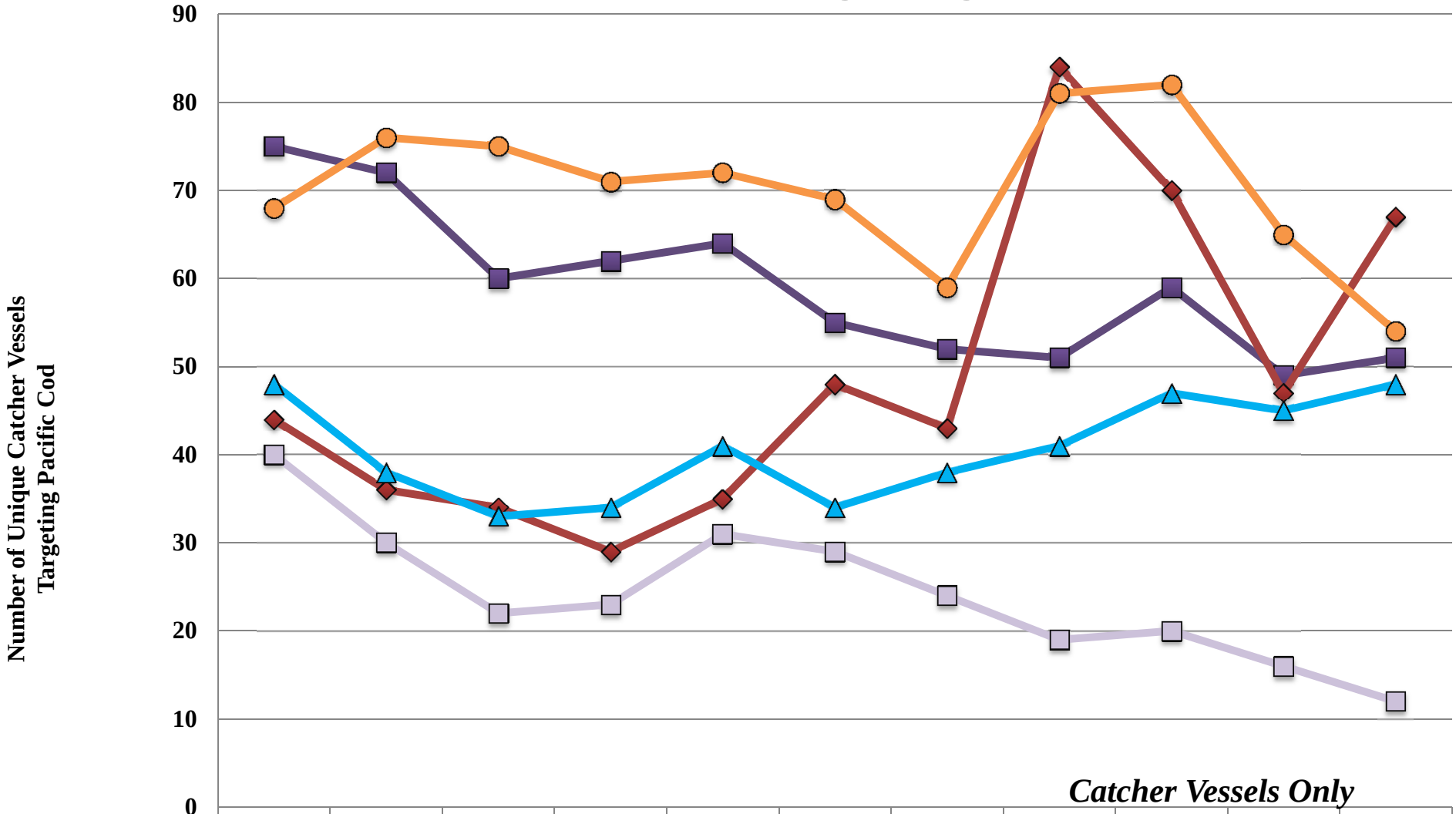
2014 Central Gulf Pacific Cod Catch by Week and Sector



Central GOA Pacific Cod	Allocation (mt)	Catch (mt)	%
Hook-and-line CV >=50 LOA	2,617	1,852	71%
Hook-and-line CV < 50 LOA	5,699	4,877	86%
Hook-and-Line Catcher/Processors	1,992	1,785	90%
Trawl Catcher Vessels	16,230	16,489	101%
Trawl Catcher/Processors	1,638	2,423	148%
Jig Gear	297	262	88%
Pot Gear	11,352	11,400	100%
TOTAL	39,825	39,088	98%

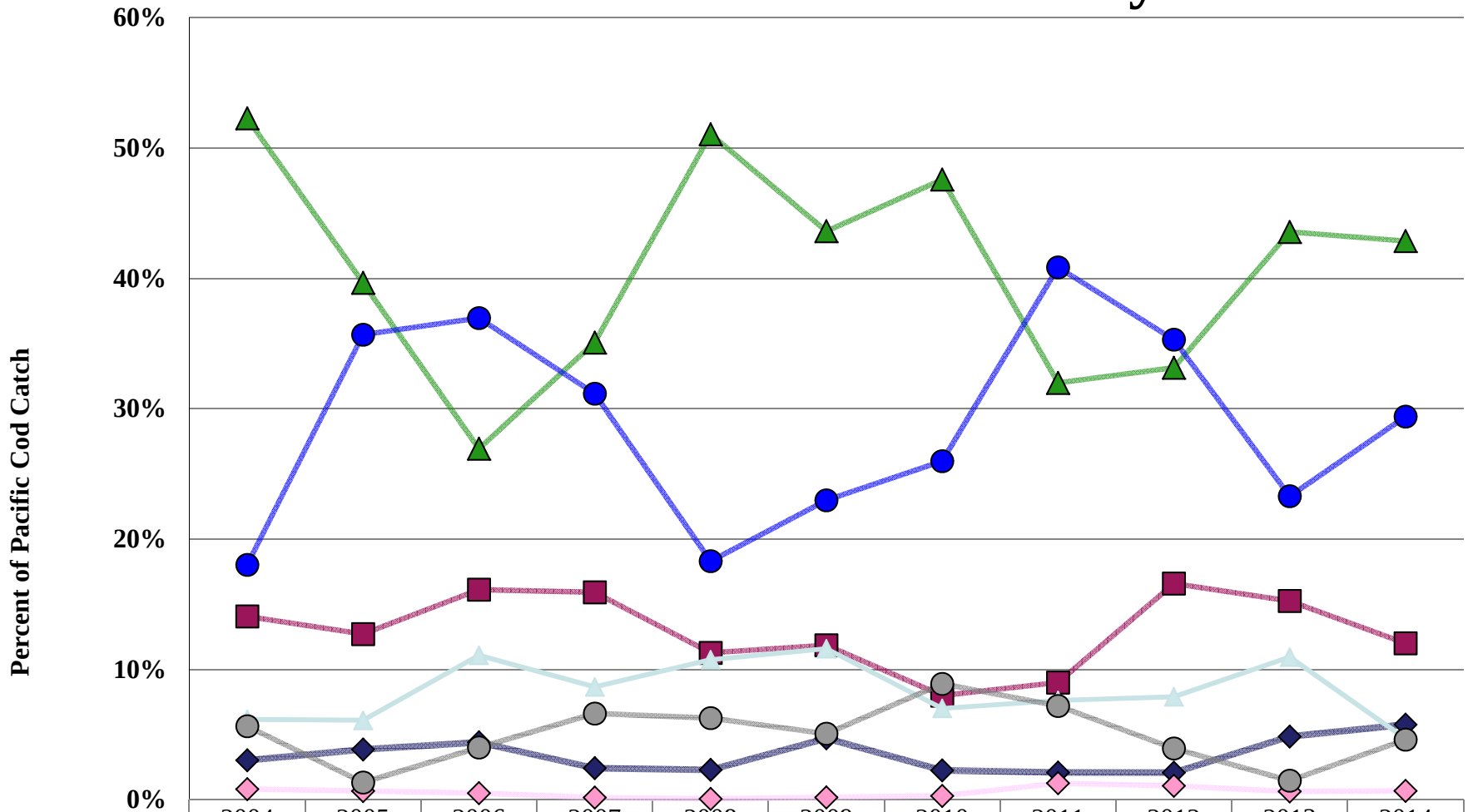
Includes reallocation in October

2004 - 2014 Counts of Vessels Targeting CGOA Pacific Cod



	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
HAL <50	75	72	60	62	64	55	52	51	59	49	51
HAL >=50	40	30	22	23	31	29	24	19	20	16	12
JIG	44	36	34	29	35	48	43	84	70	47	67
POT	68	76	75	71	72	69	59	81	82	65	54
TRW	48	38	33	34	41	34	38	41	47	45	48

Annual Central Gulf Pacific Cod Catch by Sector



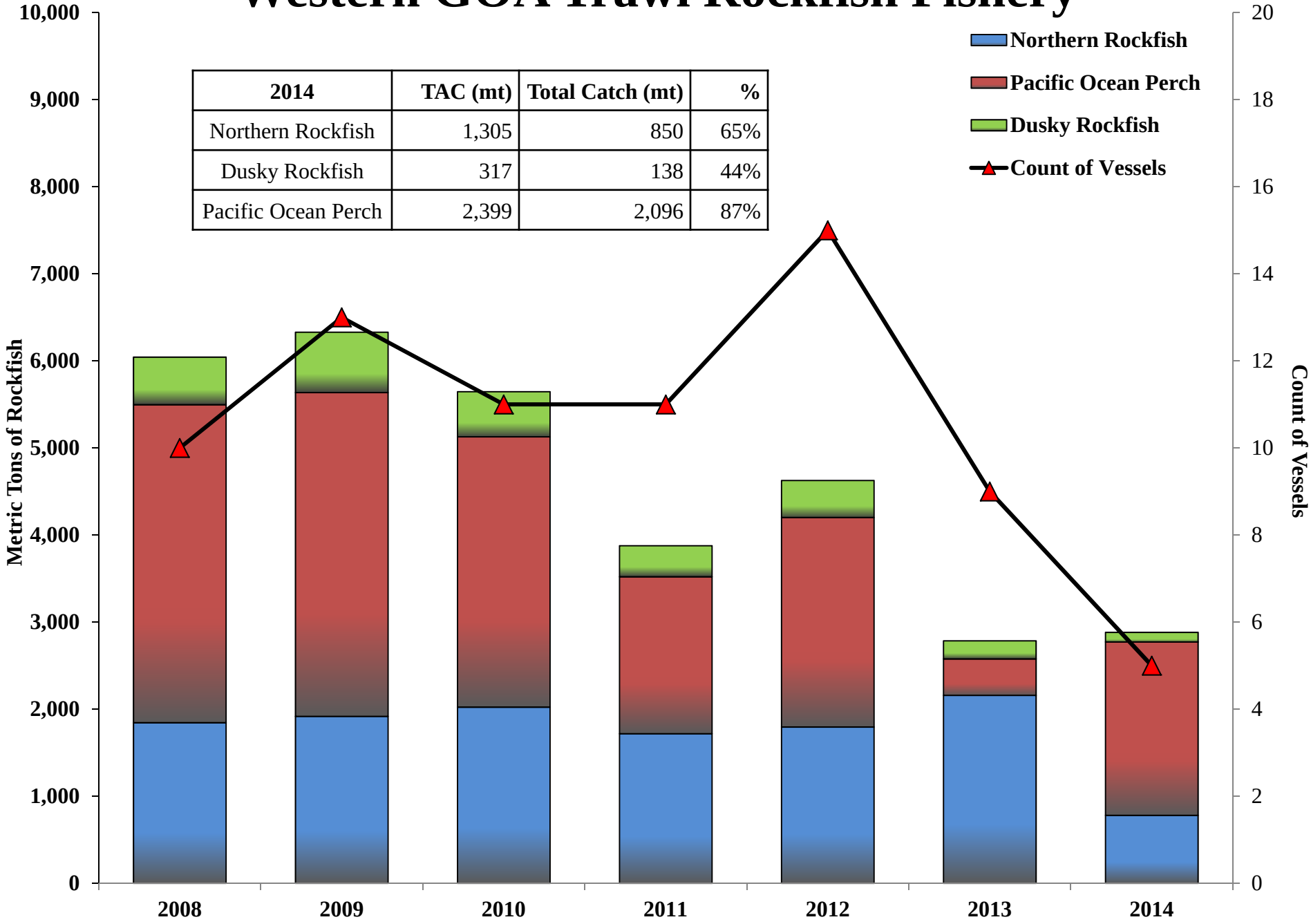
	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Trawl (CV)	52%	40%	27%	35%	51%	44%	48%	32%	33%	44%	43%
Trawl (CP)	3%	4%	4%	2%	2%	5%	2%	2%	2%	5%	6%
Pot (CV)	18%	36%	37%	31%	18%	23%	26%	41%	35%	23%	29%
Jig (CV)	1%	1%	1%	0%	0%	0%	0%	1%	1%	1%	1%
HAL <50 CV	14%	13%	16%	16%	11%	12%	8%	9%	17%	15%	12%
HAL >= 50 CV	6%	6%	11%	9%	11%	12%	7%	8%	8%	11%	5%
Fixed Gear (CP)	6%	1%	4%	7%	6%	5%	9%	7%	4%	1%	5%

2014 GOA Pacific Cod Reapportionments & Catch

Area and Fishery Component	TAC (mt)	Reallocations	Revised TAC	Catch (mt)	%
Western GOA					
Hook-and-Line Catcher Vessels	313	50	363	335	93%
Trawl Catcher Vessels	8,582	-900	7,682	7,358	98%
All Vessels, Pot Gear	8,492	550	9,042	8,548	95%
All Vessels, Jig Gear	573	300	873	785	90%
Central GOA					
All Vessels, Pot Gear	10,852	500	11,352	11,400	100%
All Vessels, Jig Gear	797	-500	297	262	88%

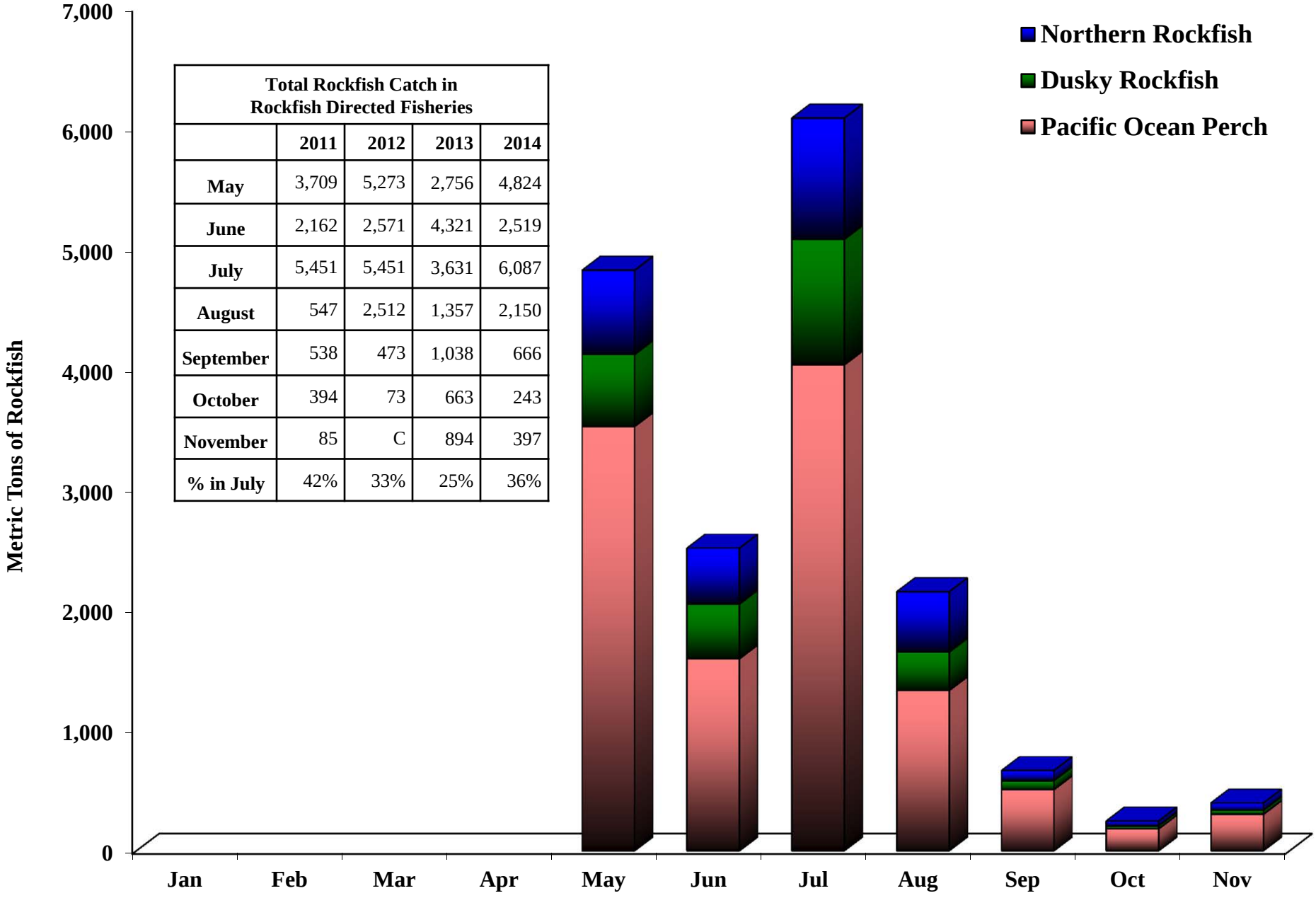
Includes reallocations in October

Western GOA Trawl Rockfish Fishery



2014	TAC (mt)	Total Catch (mt)	%
Northern Rockfish	1,305	850	65%
Dusky Rockfish	317	138	44%
Pacific Ocean Perch	2,399	2,096	87%

2014 Central GOA Targeted Rockfish Catch by Month

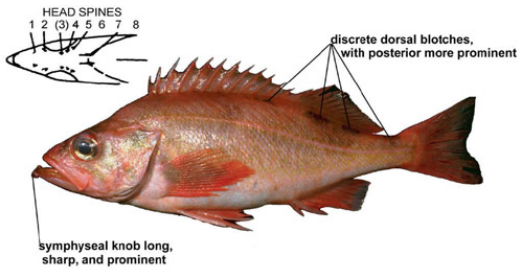


Total Rockfish Catch in Rockfish Directed Fisheries				
	2011	2012	2013	2014
May	3,709	5,273	2,756	4,824
June	2,162	2,571	4,321	2,519
July	5,451	5,451	3,631	6,087
August	547	2,512	1,357	2,150
September	538	473	1,038	666
October	394	73	663	243
November	85	C	894	397
% in July	42%	33%	25%	36%

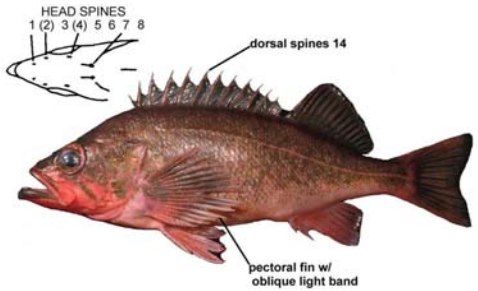
2014 Rockfish Program Allocations and Catch

	Limit	Catch	% Caught
Entry Level			
Pacific Ocean Perch	5	0	0%
Northern Rockfish	5	0	0%
Dusky Rockfish	30	11	37%
Cooperatives			UPDATE
Pacific Ocean Perch	11,650	11,603	100%
Northern Rockfish	3,812	3,172	83%
Dusky Rockfish	3,354	2,650	79%
Pacific Cod	1,517	1,368	90%
Sablefish	482	480	100%
Thornyhead Rockfish	300	189	63%
Shortraker Rockfish	159	confidential	
Rougheye Rockfish	509	confidential	
Pacific Halibut PSC	191	77	40%
Primary Species Totals Including Central GOA Incidental Catch			
Pacific Ocean Perch*	12,855	13,649	106%
Northern Rockfish	4,017	3,411	85%
Dusky Rockfish	3,584	2,827	79%

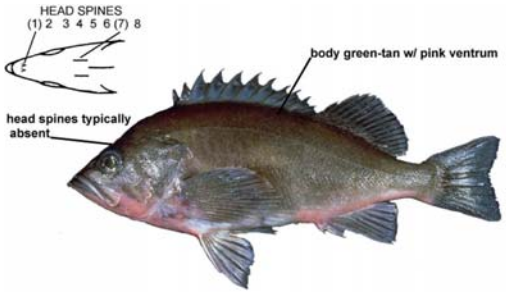
**No overage in the Rockfish Program Pacific Ocean perch allocation; Overage in the ICA*



Pacific Ocean Perch

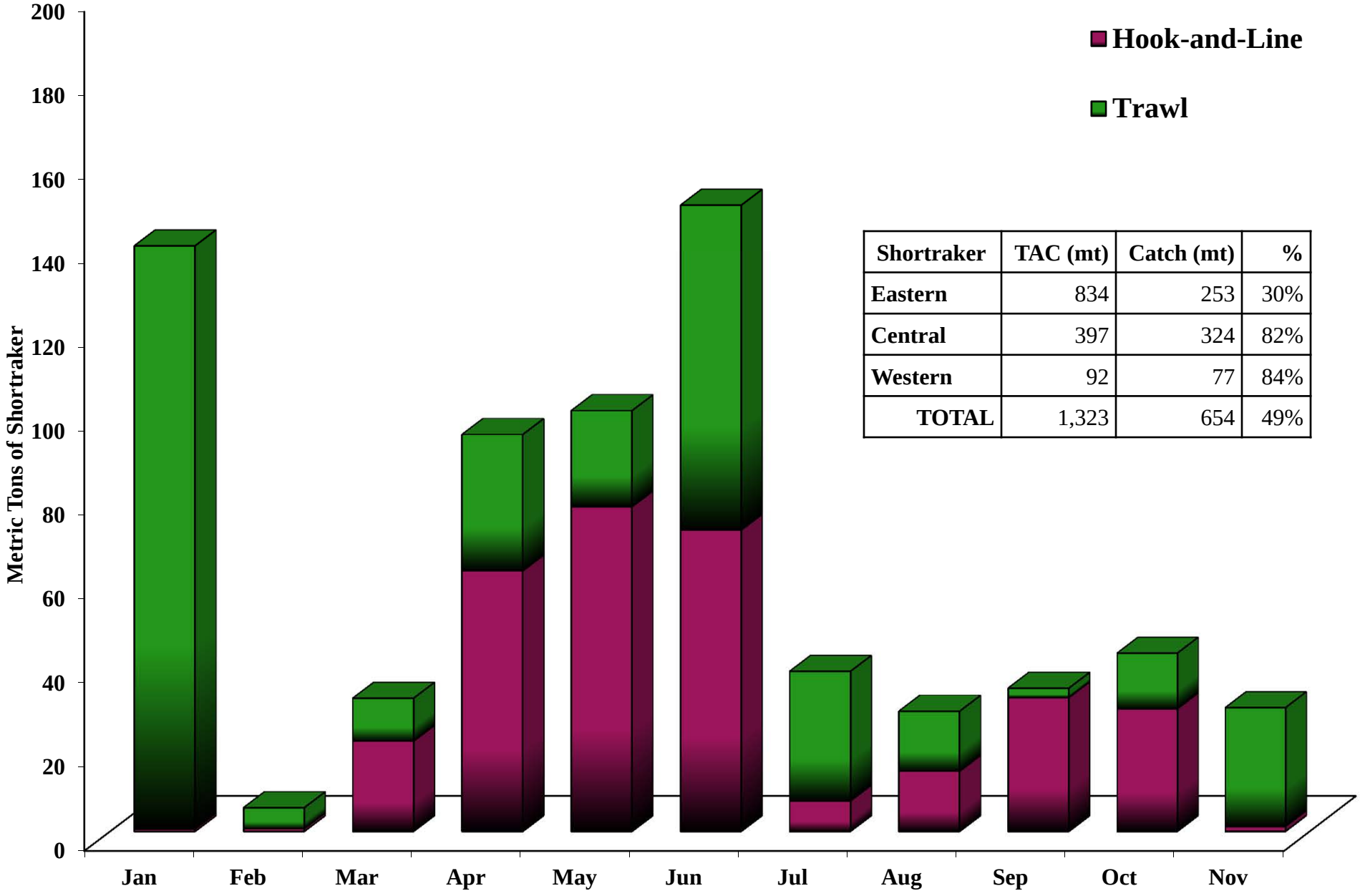


Northern Rockfish



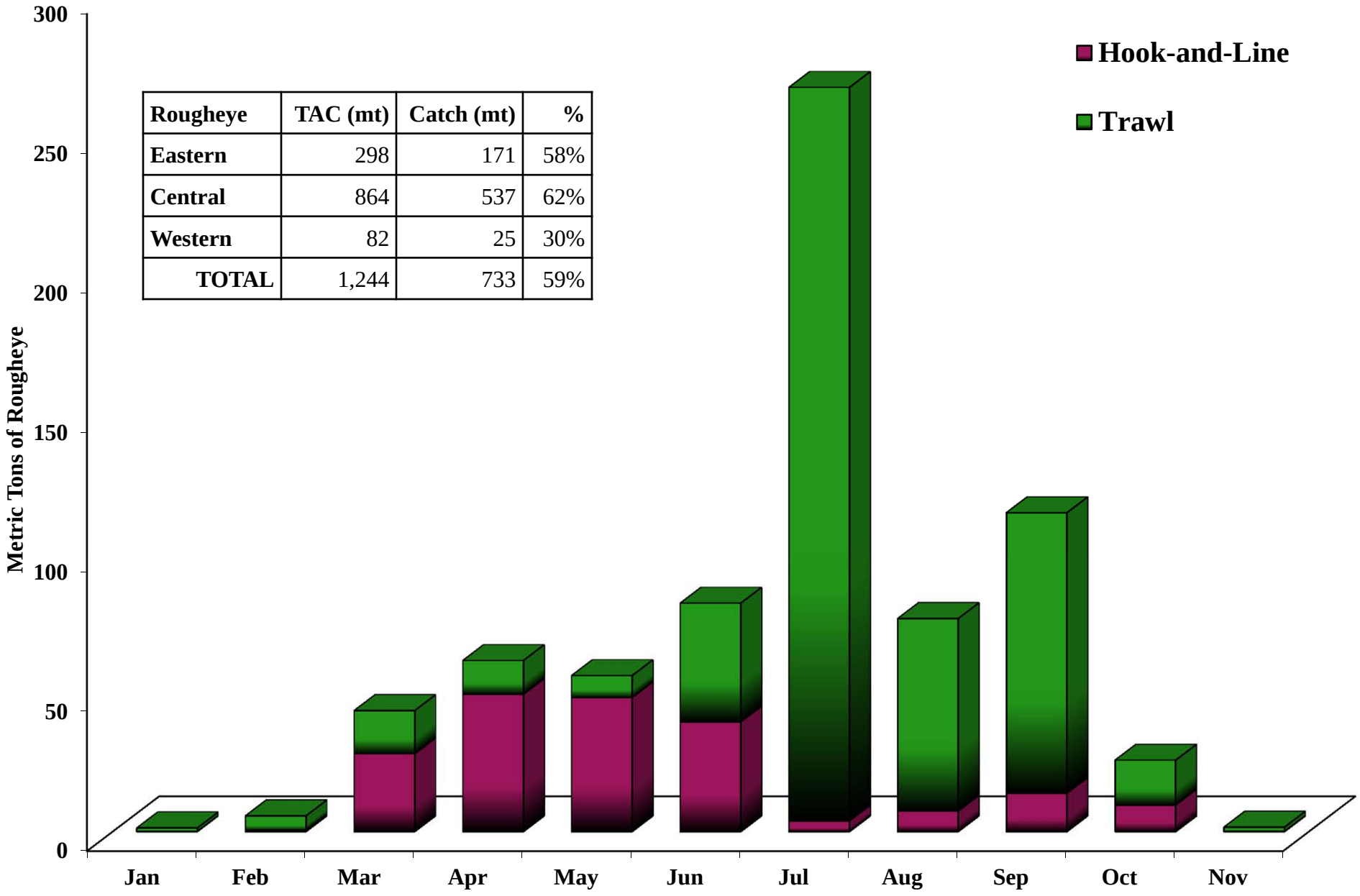
Dusky Rockfish

2014 GOA Shortraker Rockfish Catch



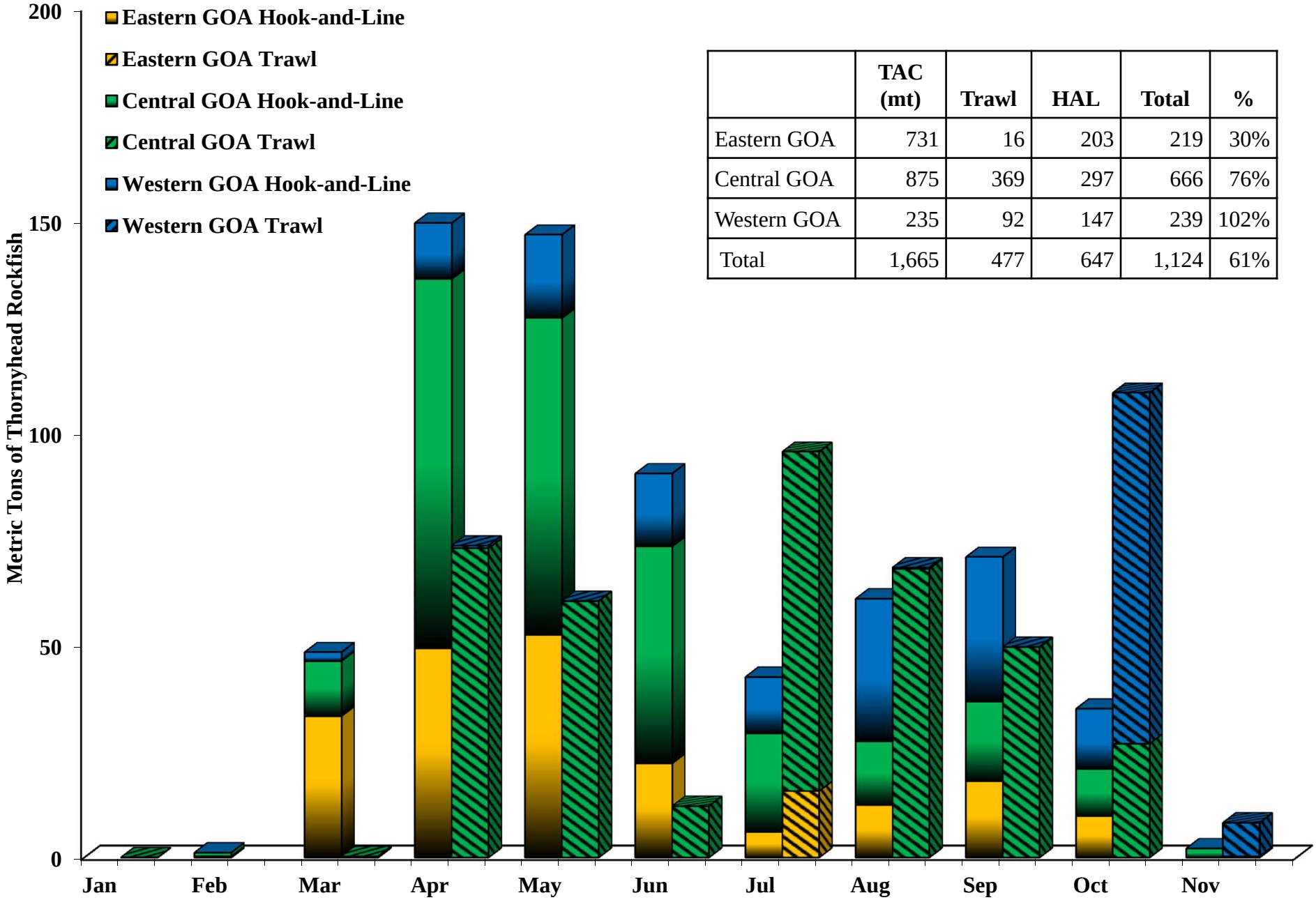
Shortraker	TAC (mt)	Catch (mt)	%
Eastern	834	253	30%
Central	397	324	82%
Western	92	77	84%
TOTAL	1,323	654	49%

2014 GOA Rougheye Rockfish Catch



Rougheye	TAC (mt)	Catch (mt)	%
Eastern	298	171	58%
Central	864	537	62%
Western	82	25	30%
TOTAL	1,244	733	59%

2014 GOA Thornyhead Rockfish Catch

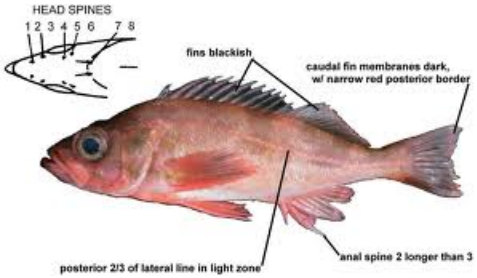


	TAC (mt)	Trawl	HAL	Total	%
Eastern GOA	731	16	203	219	30%
Central GOA	875	369	297	666	76%
Western GOA	235	92	147	239	102%
Total	1,665	477	647	1,124	61%

2014 GOA Other Rockfish Catch

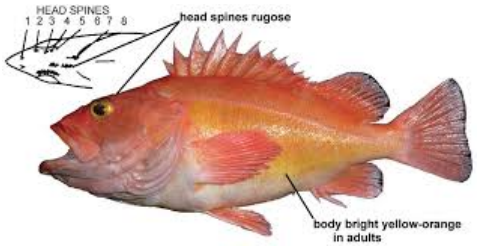
Area	TAC (mt)	Trawl	Fixed Gear	Total Catch (mt)	%
Western/Central GOA	1,031	773	108	881	85%
Central GOA		648	68	776	na
Western GOA		125	43	168	na
West Yakutat	580	27	26	53	9%
SE Outside	2,470	0	38	38	2%
TOTAL	4,081	862	173	1,035	25%

Area	Arrowtooth Flounder & Rex Sole	IFQ	Pacific Cod	Rockfish	Other Targets
Western/Central GOA Other Rockfish	57	50	17	590	63
West Yakutat Other Rockfish	0	25	< 1	27	< 1
SE Outside Other Rockfish	0	35	< 1	2	0



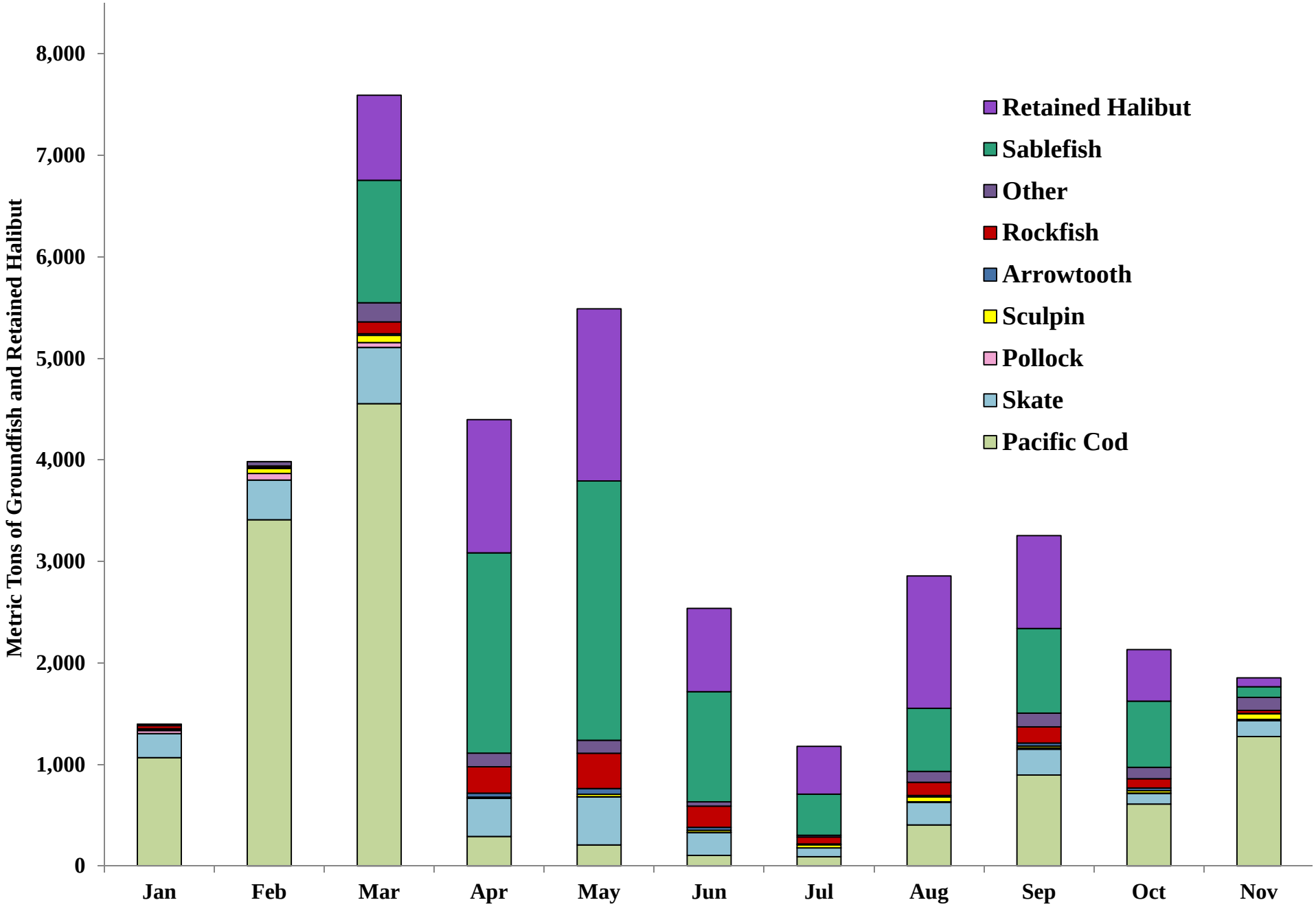
Harlequin rockfish

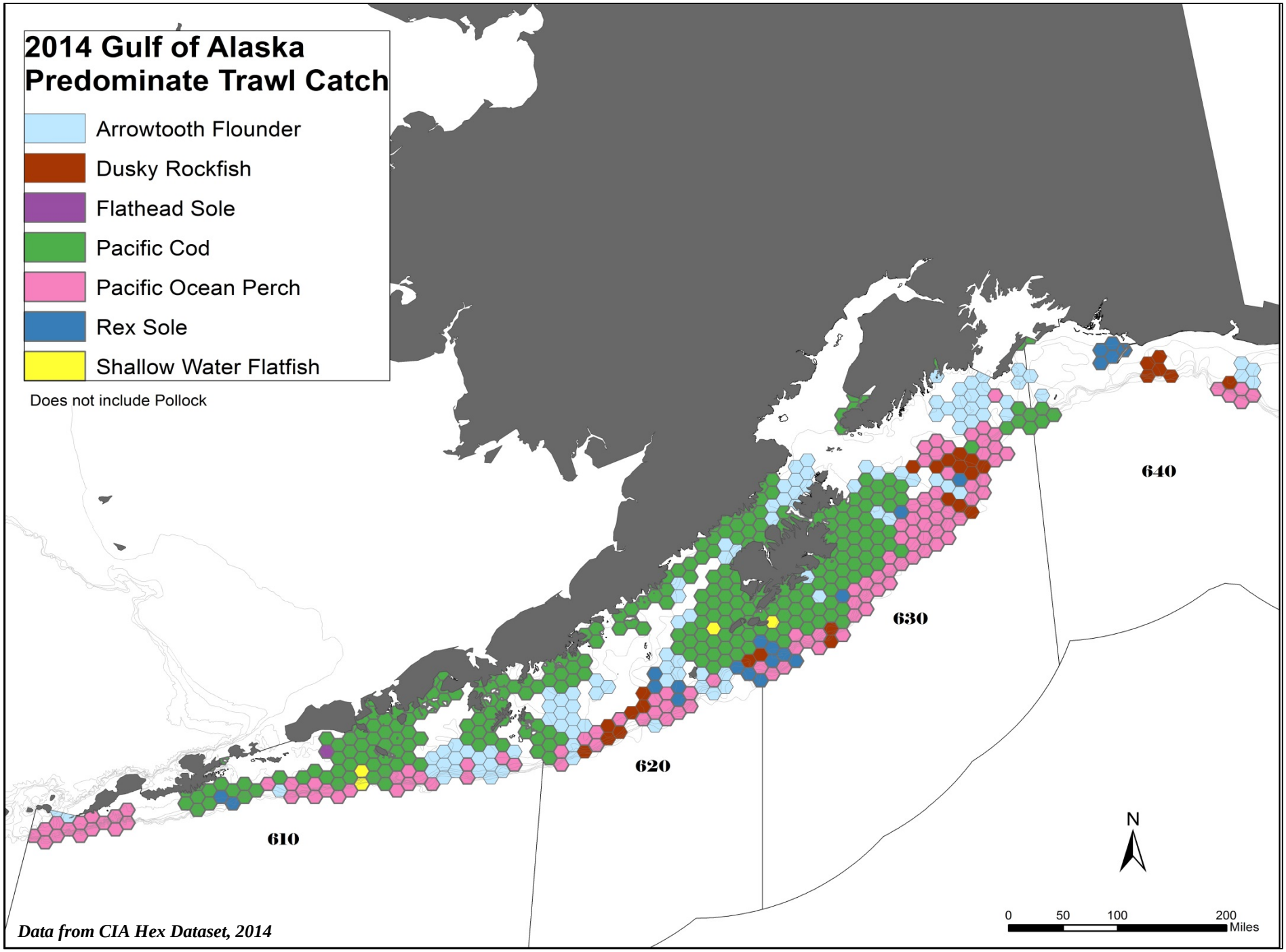
Predominate Species		
Trawl	Harlequin Rockfish	60%
	Sharpchin Rockfish	12%
	Redstripe Rockfish	9%
Hook-and-Line	Yelloweye Rockfish	72%
	Redbanded Rockfish	14%
	Quillback Rockfish	5%



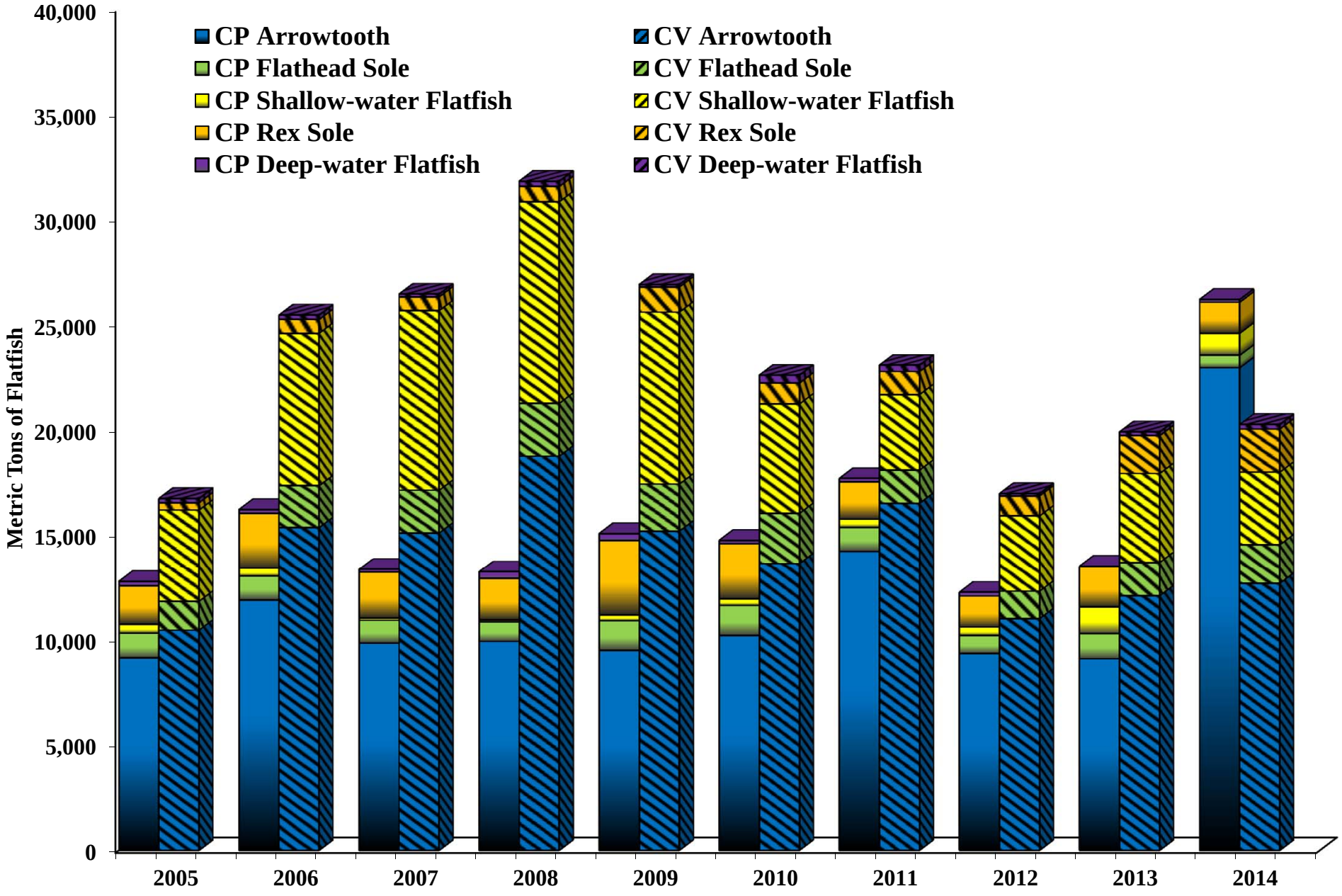
Yelloweye rockfish

2014 GOA Hook-and-Line Catch



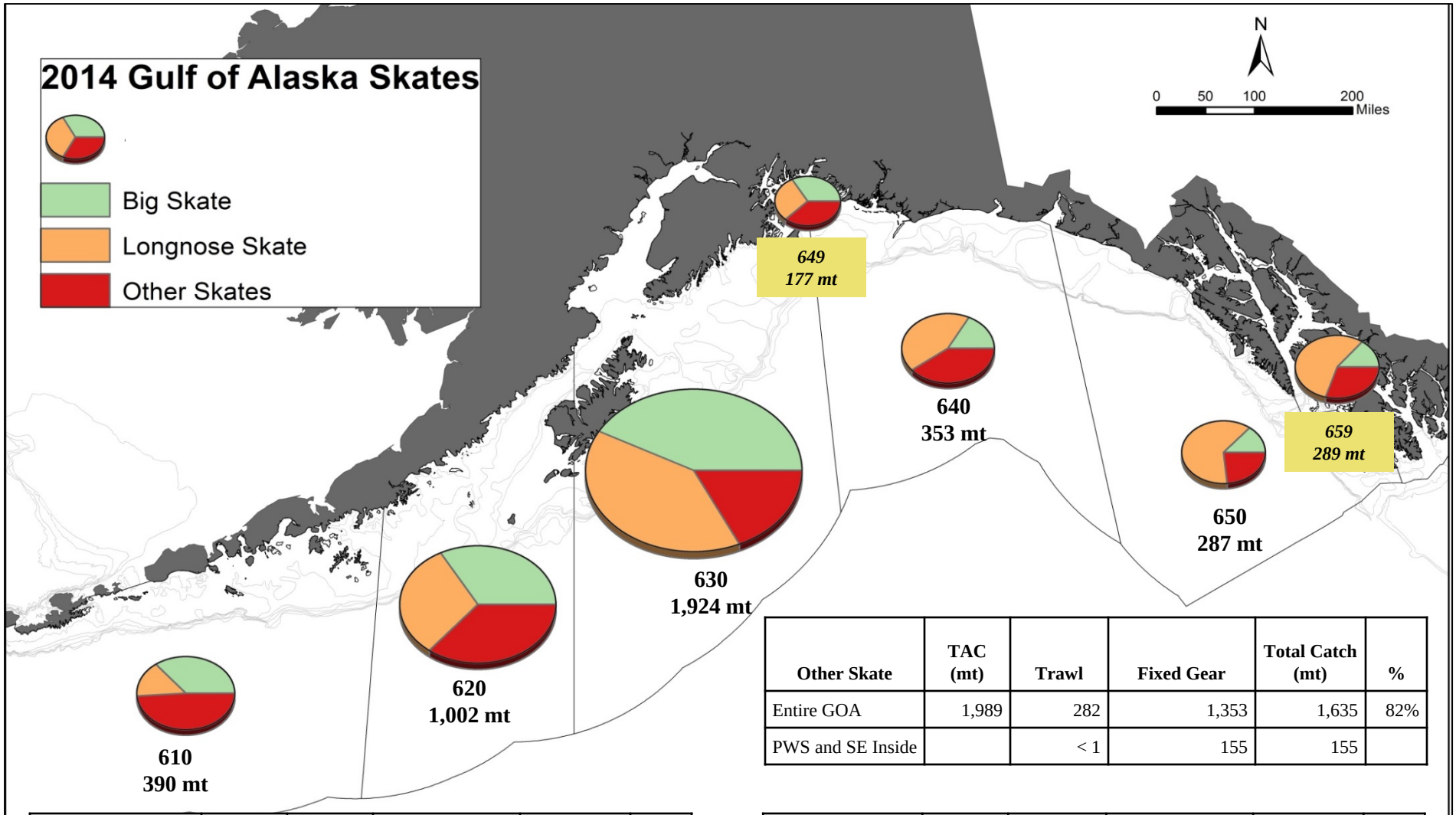

2014 Gulf of Alaska
Predominate Trawl Catch
Arrowtooth Flounder
Dusky Rockfish
Flathead Sole
Pacific Cod
Pacific Ocean Perch
Rex Sole
Shallow Water Flatfish
Does not include Pollock
640
630
620
610
N
0
50
100
200
Miles
Data from CIA Hex Dataset, 2014

2005-2014 GOA Trawl Flatfish Catch by Species



2014 Flatfish and Skate Catch in the GOA

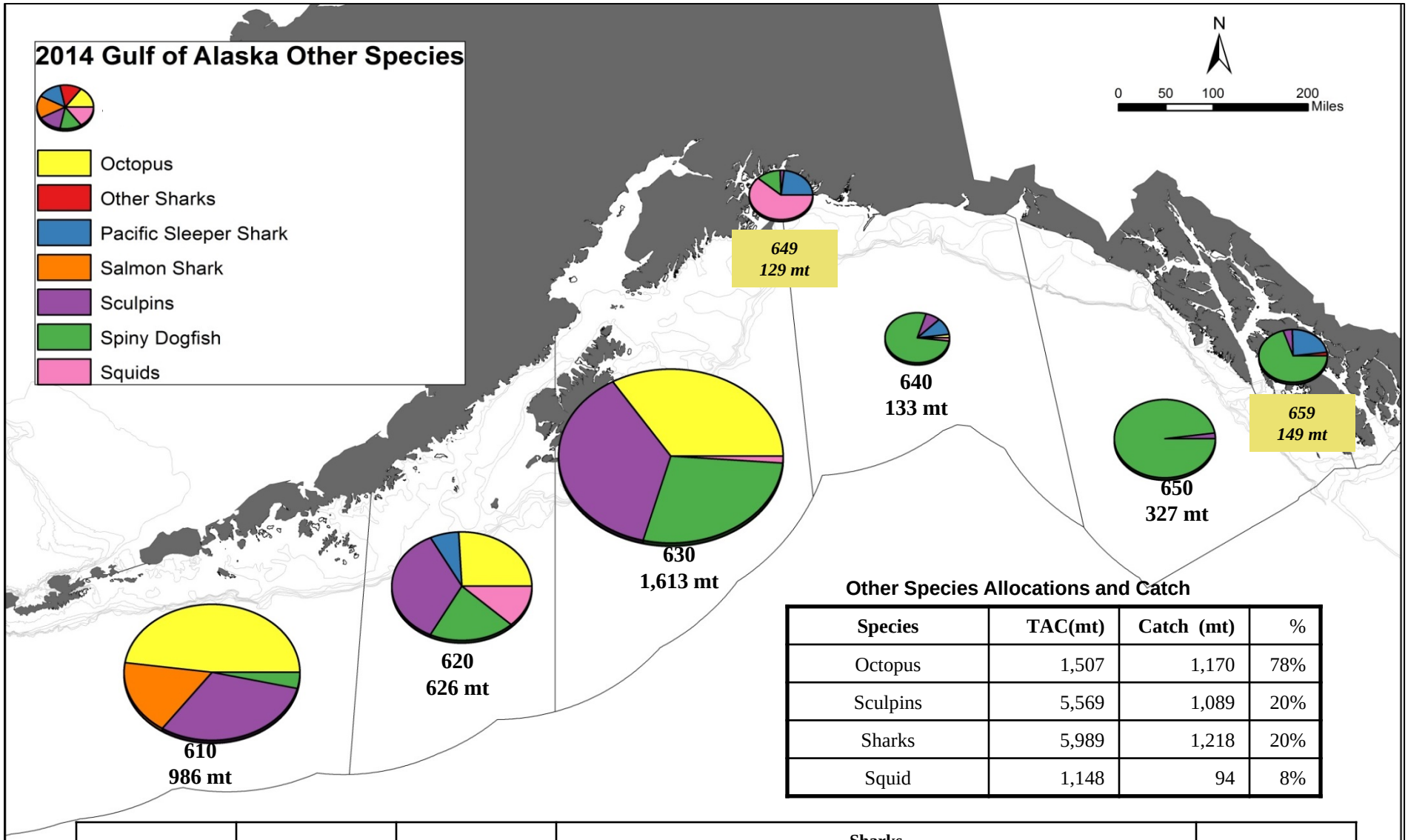
Species	Area	TAC (mt)	Total Catch (mt)	%
Arrowtooth Flounder	Central	75,000	33,775	45%
	Western	14,500	1,892	13%
Flathead Sole	Central	15,400	2,215	14%
	Western	8,650	218	3%
Rex Sole	Central	6,231	3,385	54%
	Western	1,270	126	10%
Shallow Water Flatfish	Central	17,813	4,237	24%
	Western	13,250	245	2%
Deep Water Flatfish	Central	3,727	275	7%
	Western	302	68	22%
Big Skate	Eastern	1,641	94	6%
	Central	1,532	1,162	76%
	Western	589	141	24%
Longnose Skate	Eastern	834	336	40%
	Central	1,935	1,042	54%
	Western	107	54	51%



Other Skate	TAC (mt)	Trawl	Fixed Gear	Total Catch (mt)	%
Entire GOA	1,989	282	1,353	1,635	82%
PWS and SE Inside		< 1	155	155	

Big Skate	TAC (mt)	Trawl	Fixed Gear	Total Catch (mt)	%
Eastern GOA	1,641	0	94	94	6%
Central GOA	1,532	518	656	1,174	77%
Western GOA	589	22	122	144	24%
TOTAL	3,762	540	872	1,412	38%
PWS and SE Inside		0	99	99	

Longnose Skate	TAC (mt)	Trawl	Fixed Gear	Total Catch (mt)	%
Eastern GOA	834	2	334	403	48%
Central GOA	1,935	581	474	1,232	64%
Western GOA	107	6	49	87	81%
TOTAL	2,876	589	857	1,722	60%
PWS and SE Inside		< 1	212	212	



Other Species Allocations and Catch

Species	TAC(mt)	Catch (mt)	%
Octopus	1,507	1,170	78%
Sculpins	5,569	1,089	20%
Sharks	5,989	1,218	20%
Squid	1,148	94	8%

All numbers in mt	Octopus	Sculpins	Sharks				Squids
			Salmon Sharks	Sleeper Sharks	Spiny Dogfish	Other Sharks	
Fixed Gear	1,122	578	< 1	29	889	3	0
Trawl Gear	69	525	171	46	156	3	94
TOTAL	1,191	1,103	172	75	1,045	6	94
PWS and SE Inside	*2*	*11*	*< 1*	*64*	*120*	*3*	*78*

GOA Trawl Groundfish Total Catch and Discards

2013 Trawl	Retained	Discards	% retained
Pollock	91,184	2,378	97%
Arrowtooth Flounder	16,066	5,092	76%
Pacific Cod	19,384	2,310	89%
Pacific Ocean Perch	12,177	1,004	92%
Shallow-water Flatfish	5,279	218	96%
Northern Rockfish*	4,679	190	96%
Rex Sole	3,639	68	98%
Dusky Rockfish	2,969	147	95%
Flathead Sole	2,483	316	89%
Atka Mackerel	846	427	66%
Sablefish	799	47	94%
Skates*	1,685	637	73%
Other Rockfish*	171	349	33%
Rougheye Rockfish	326	10	97%
Thornyhead Rockfish*	199	17	92%
Shortraker Rockfish	273	83	77%
Deep-water Flatfish	140	83	63%
Other Species	308	359	46%
Sculpins	29	604	5%
TOTAL	**162,637**	**14,337**	**92%**

2014 Trawl	Retained	Discards	% retained
Pollock	138,480	1,311	99%
Arrowtooth Flounder	32,418	3,232	91%
Pacific Cod*	23,208	3,459	87%
Pacific Ocean Perch*	15,989	1,626	91%
Shallow-water Flatfish	4,136	424	91%
Northern Rockfish	4,104	145	97%
Rex Sole	3,491	45	99%
Dusky Rockfish	2,946	74	98%
Flathead Sole	2,306	139	94%
Atka Mackerel	965	68	93%
Sablefish	889	65	93%
Skates*	830	586	59%
Other Rockfish	513	348	60%
Rougheye Rockfish	507	27	95%
Thornyhead Rockfish*	461	16	97%
Shortraker Rockfish	317	20	94%
Deep-water Flatfish	237	106	69%
Other Species	81	457	15%
Sculpins	37	489	7%
TOTAL	**231,917**	**12,637**	**95%**

**** Species placed on Prohibited Species Status (see Prohibited species status slide)***

GOA Hook-and-Line Groundfish Total Catch and Discards

2013

Hook-and-line Gear	Retained	Discards	% retained
Pacific Cod	10,556	2,056	84%
Sablefish	10,521	579	95%
Skates*	579	3,274	15%
Thornyhead*	486	453	52%
Shortraker Rockfish	134	240	36%
Other Species	101	155	39%
Rougheye Rockfish	117	121	49%
Demersal Shelf Rockfish	208	5	98%
Other Rockfish*	92	232	28%
Arrowtooth Flounder	17	445	4%
Sculpins	0	1,185	0%
Sharks	1	1,836	0%
Other Flatfish	1	58	2%
TOTAL	**22,812**	**10,639**	**68%**

Pot Gear	Retained	Discards	% retained
Pacific Cod	16,900	110	99%
Octopus	206	97	68%
Other Species	13	165	7%
TOTAL	**17,119**	**372**	**98%**

2014

Hook-and-line Gear	Retained	Discards	% retained
Pacific Cod	11,613	1,295	90%
Sablefish	9,031	407	96%
Skates*	479	2,602	16%
Thornyhead*	469	177	73%
Shortraker Rockfish	125	193	39%
Other Species	124	142	47%
Rougheye Rockfish	99	100	50%
Demersal Shelf Rockfish	92	8	92%
Other Rockfish	67	127	35%
Arrowtooth Flounder	12	225	5%
Sculpins	1	359	0%
Sharks	0	919	0%
Other Flatfish	0	47	0%
TOTAL	**22,112**	**6,602**	**77%**

Pot Gear	Retained	Discards	% retained
Pacific Cod	19,739	209	99%
Octopus	487	555	47%
Other Species	32	246	11%
TOTAL	**20,258**	**1,011**	**95%**

**** Species placed on Prohibited Species Status (see Prohibited species status slide)***

GOA Groundfish Species placed on Prohibited Species Status

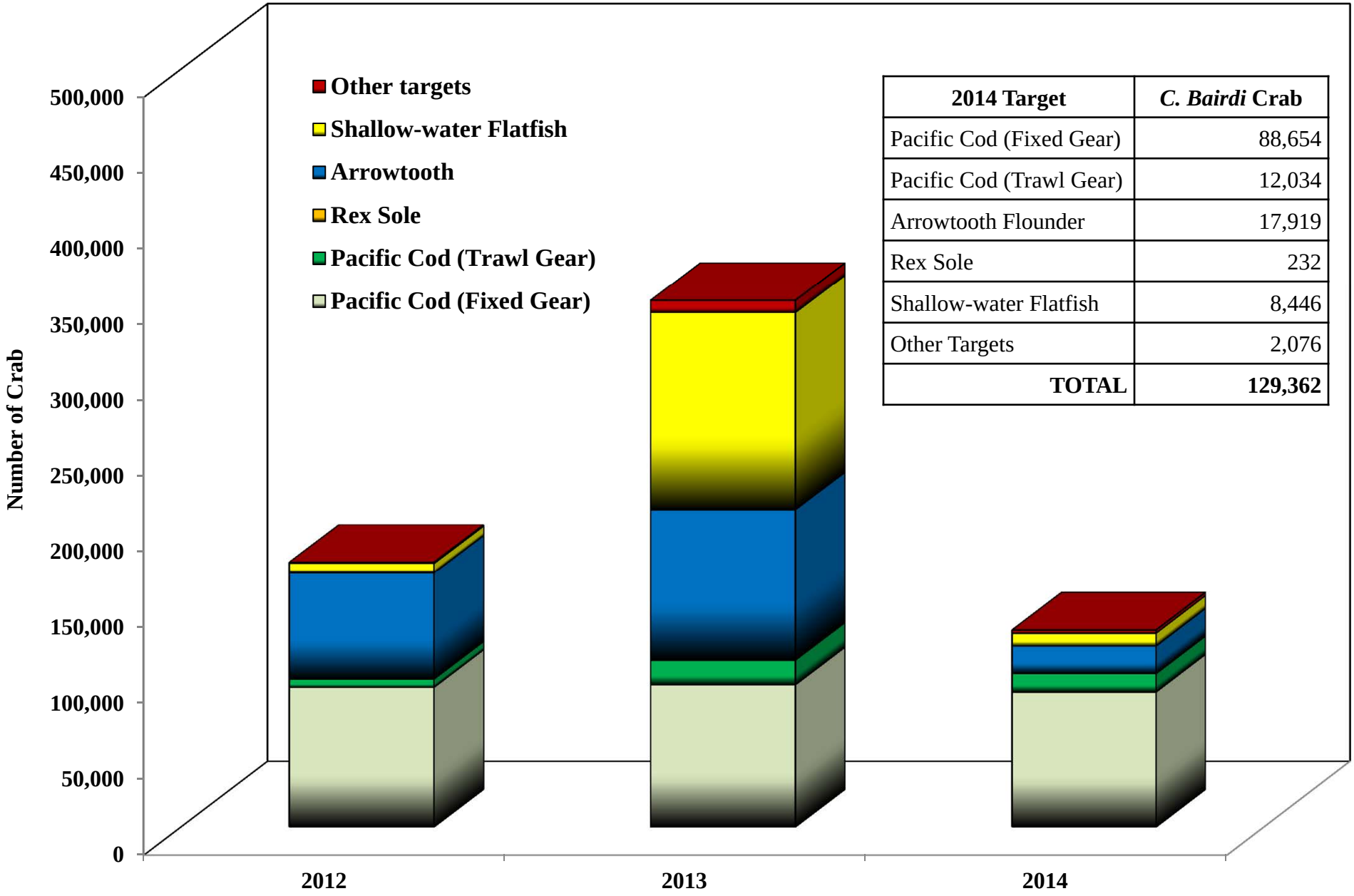
2013	Prohibit retention
Big Skate in the Central GOA	8-May-13
Other Rockfish in the Western GOA	9-Jul-13
Northern Rockfish in the Western GOA	22-Jul-13
Thornyhead Rockfish in the Western GOA	17-Aug-13
2014	
Big Skate in the Central GOA	5-Feb-14
Pacific Ocean Perch ICA in Central GOA	19-Aug-14
Pacific Cod by Trawl Catcher Processors in Central GOA	19-Aug-14
Thornyhead Rockfish in the Western GOA	13-Nov-14

2014 GOA Salmon, Crab, and Herring PSC

Chinook Salmon	Total Catch	Limit	%
Pollock Western GOA (#)	3,267	6,684	49%
Pollock Central GOA (#)	7,995	18,316	44%
Pollock 640 (#)	88	*na*	*na*
Non-pollock Targets (#)	4,409	*na*	*na*
TOTAL (#)	15,759	*na*	*na*

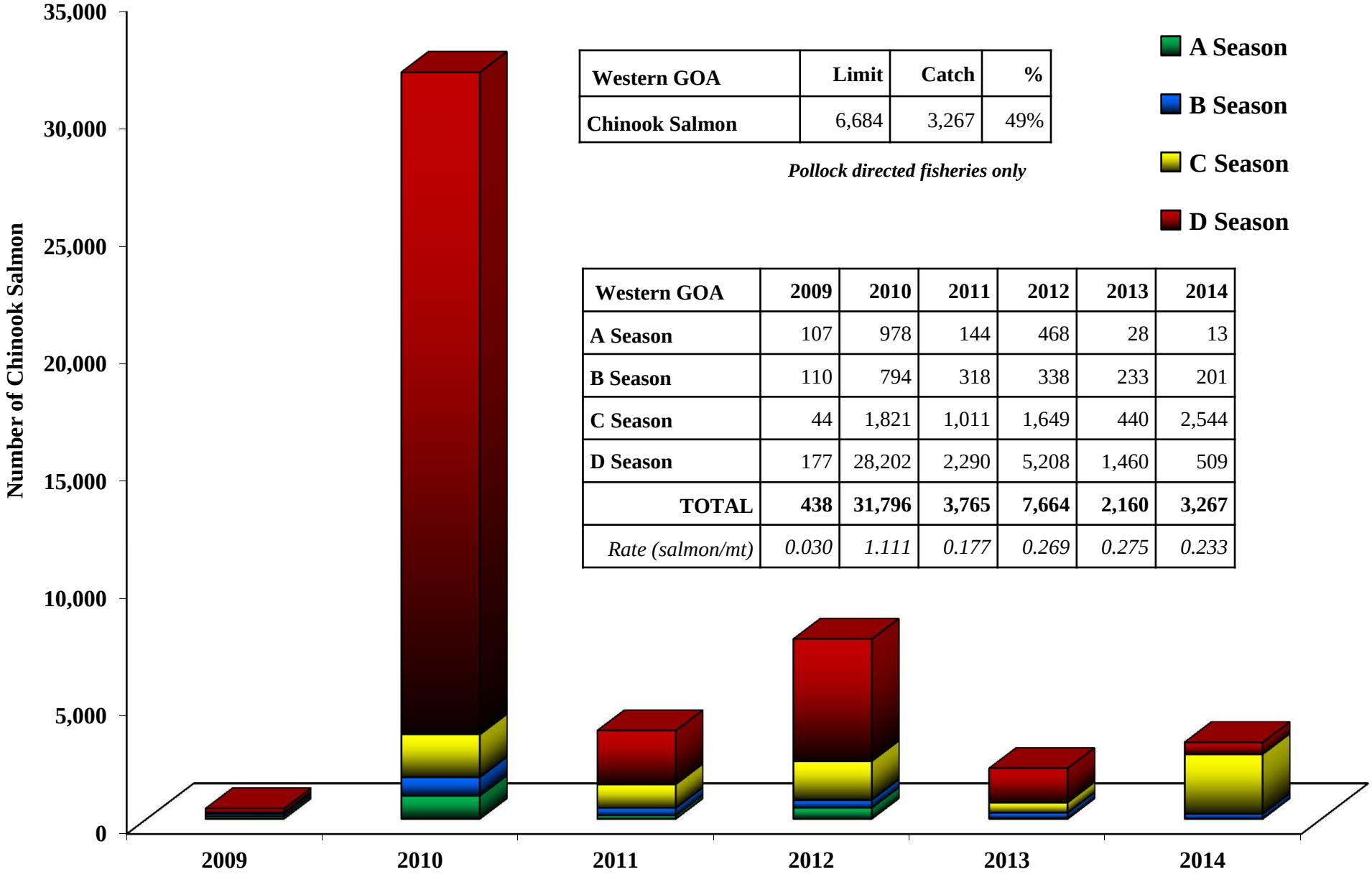
Other PSC Species	Total Catch	Limit	%
Non-Chinook Salmon (#)	3,164	*na*	*na*
Trawl Bairdi Tanner (#)	40,708	*na*	*na*
Fixed Gear Bairdi Tanner (#)	88,654	*na*	*na*
Red King Crab #	2,752	*na*	*na*
Golden King Crab (#)	192	*na*	*na*
Herring (mt)	6	*na*	*na*

2012-2014 GOA *C. Bairdi* Tanner Crab Incidental Catch by Target



2014 Target	*C. Bairdi* Crab
Pacific Cod (Fixed Gear)	88,654
Pacific Cod (Trawl Gear)	12,034
Arrowtooth Flounder	17,919
Rex Sole	232
Shallow-water Flatfish	8,446
Other Targets	2,076
TOTAL	**129,362**

Chinook Salmon PSC in Western GOA Pollock Fisheries



Western GOA	Limit	Catch	%
Chinook Salmon	6,684	3,267	49%

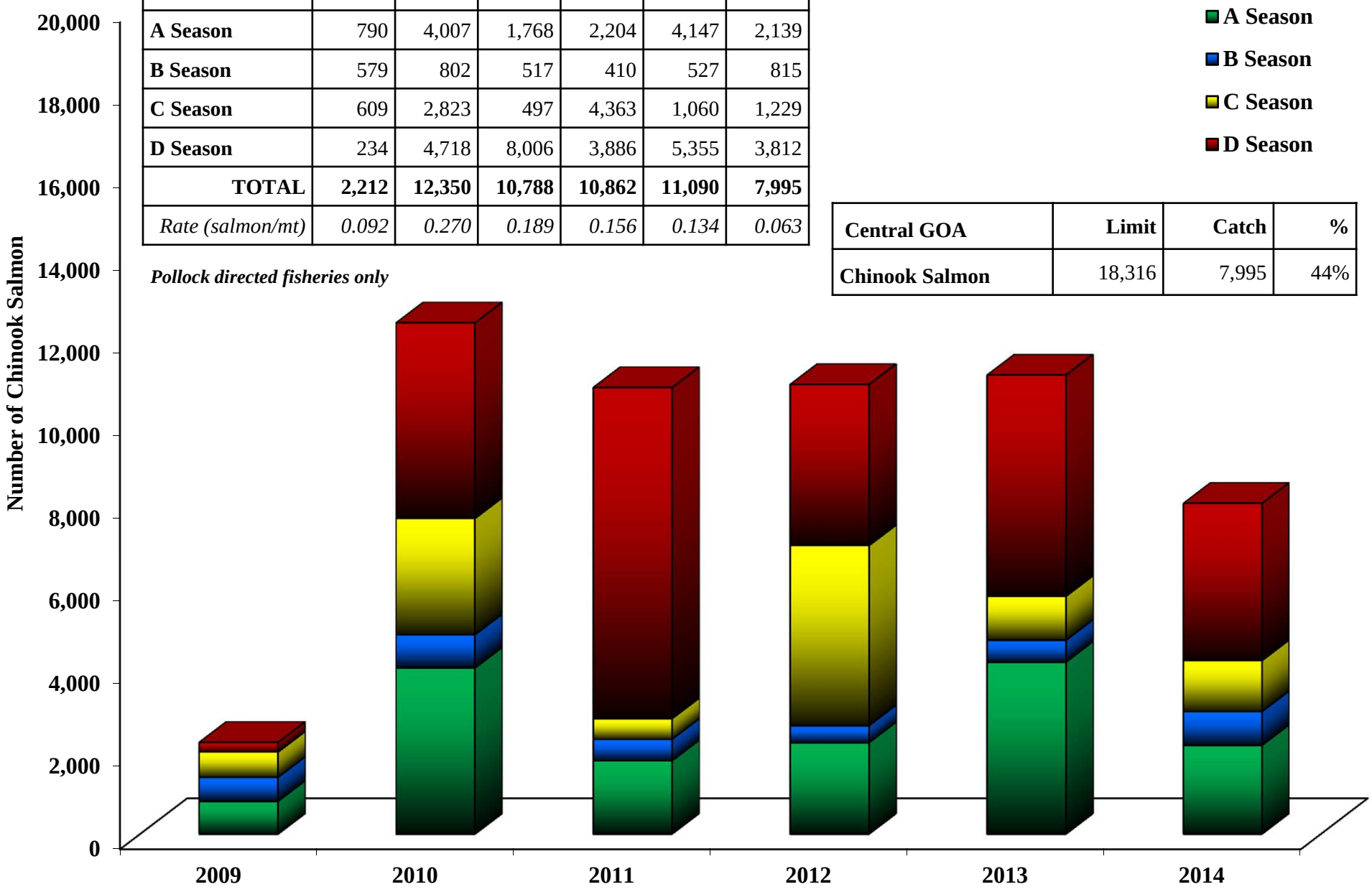
Pollock directed fisheries only

Western GOA	2009	2010	2011	2012	2013	2014
A Season	107	978	144	468	28	13
B Season	110	794	318	338	233	201
C Season	44	1,821	1,011	1,649	440	2,544
D Season	177	28,202	2,290	5,208	1,460	509
TOTAL	**438**	**31,796**	**3,765**	**7,664**	**2,160**	**3,267**
Rate (salmon/mt)	*0.030*	*1.111*	*0.177*	*0.269*	*0.275*	*0.233*

Chinook Salmon PSC in Central GOA Pollock Fisheries

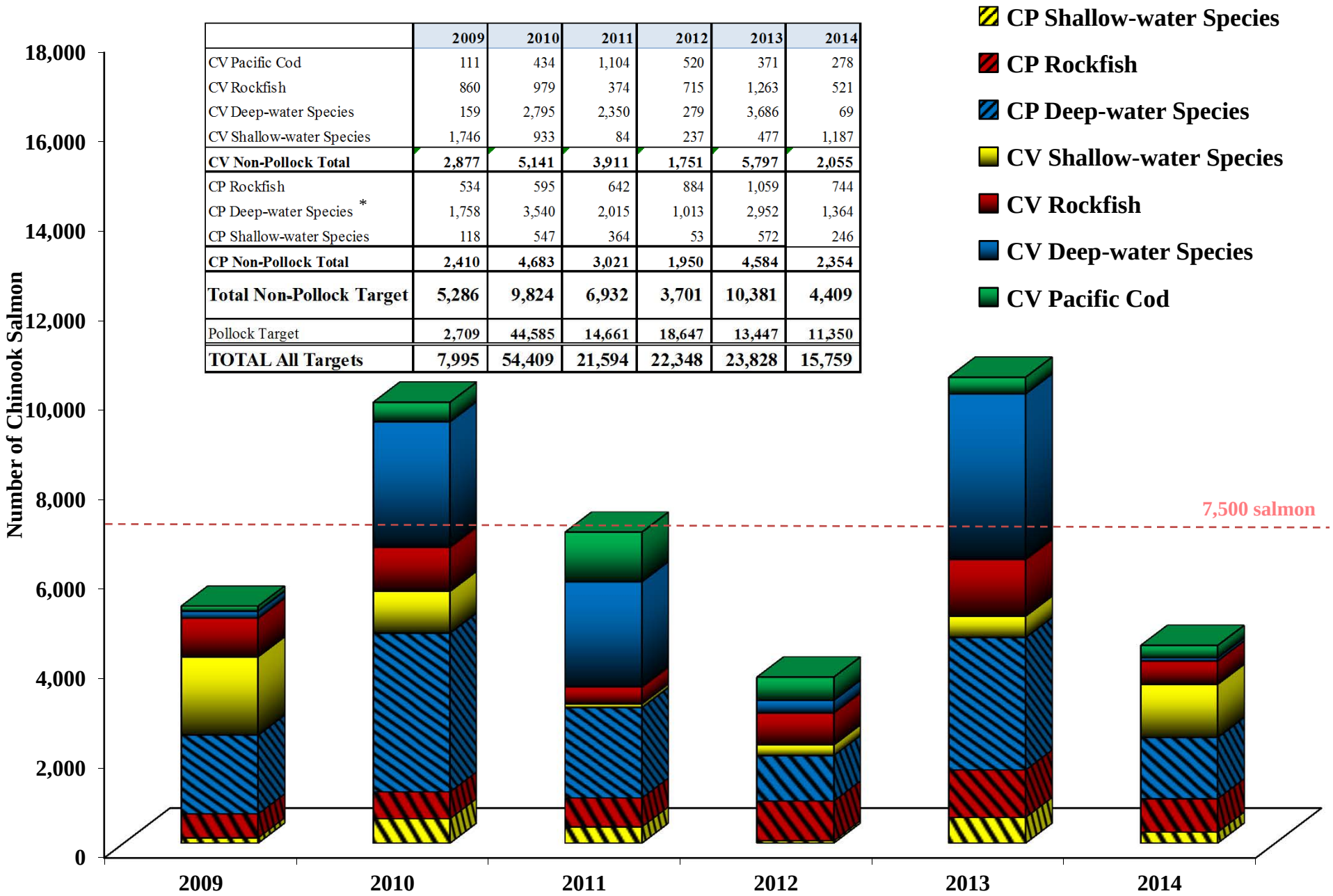
Central GOA	2009	2010	2011	2012	2013	2014
A Season	790	4,007	1,768	2,204	4,147	2,139
B Season	579	802	517	410	527	815
C Season	609	2,823	497	4,363	1,060	1,229
D Season	234	4,718	8,006	3,886	5,355	3,812
TOTAL	**2,212**	**12,350**	**10,788**	**10,862**	**11,090**	**7,995**
Rate (salmon/mt)	*0.092*	*0.270*	*0.189*	*0.156*	*0.134*	*0.063*

Central GOA	Limit	Catch	%
Chinook Salmon	18,316	7,995	44%



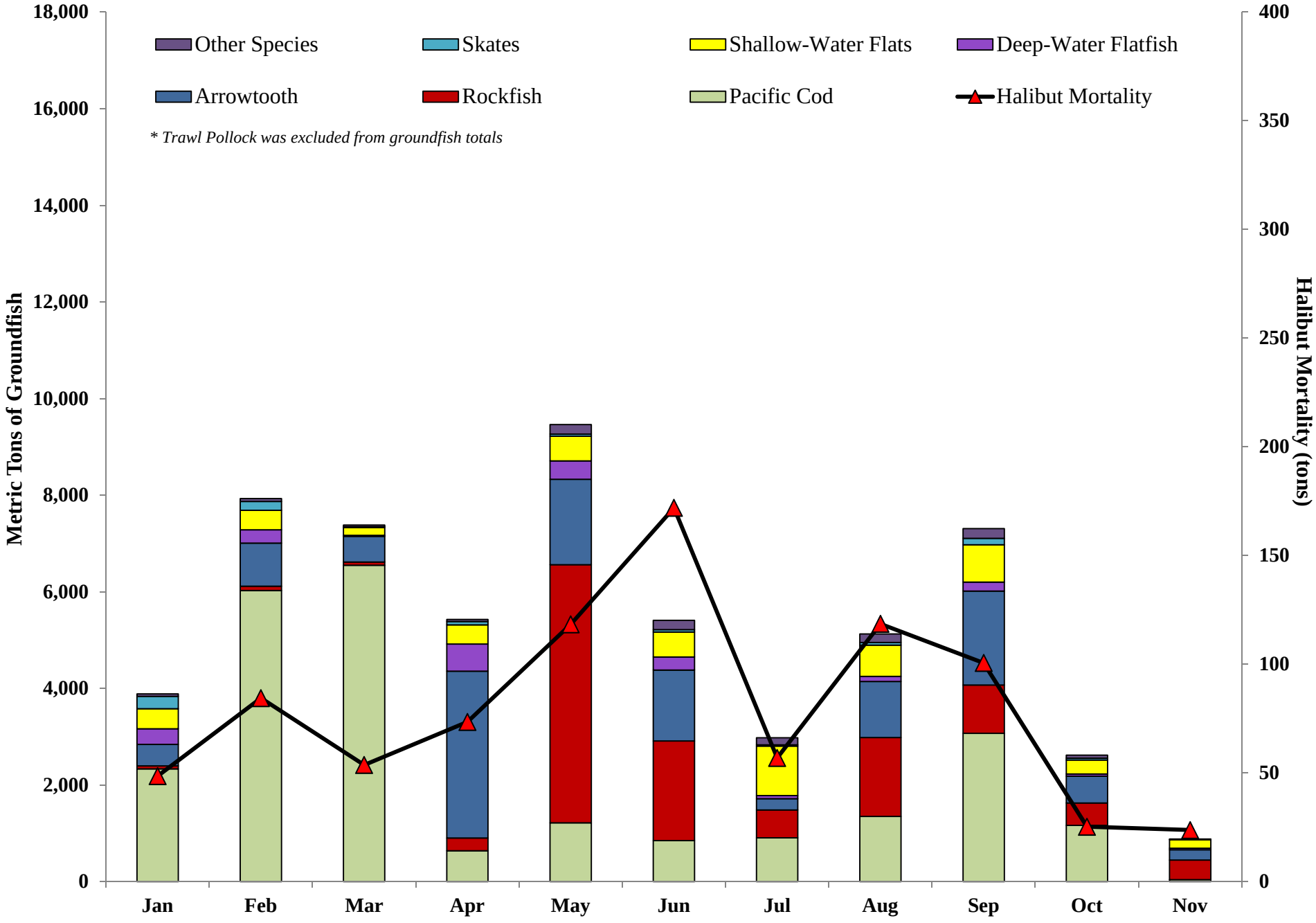
Chinook Salmon PSC in GOA Non-pollock Fisheries

	2009	2010	2011	2012	2013	2014
CV Pacific Cod	111	434	1,104	520	371	278
CV Rockfish	860	979	374	715	1,263	521
CV Deep-water Species	159	2,795	2,350	279	3,686	69
CV Shallow-water Species	1,746	933	84	237	477	1,187
CV Non-Pollock Total	**2,877**	**5,141**	**3,911**	**1,751**	**5,797**	**2,055**
CP Rockfish	534	595	642	884	1,059	744
CP Deep-water Species *	1,758	3,540	2,015	1,013	2,952	1,364
CP Shallow-water Species	118	547	364	53	572	246
CP Non-Pollock Total	**2,410**	**4,683**	**3,021**	**1,950**	**4,584**	**2,354**
Total Non-Pollock Target	**5,286**	**9,824**	**6,932**	**3,701**	**10,381**	**4,409**
Pollock Target	2,709	44,585	14,661	18,647	13,447	11,350
TOTAL All Targets	**7,995**	**54,409**	**21,594**	**22,348**	**23,828**	**15,759**

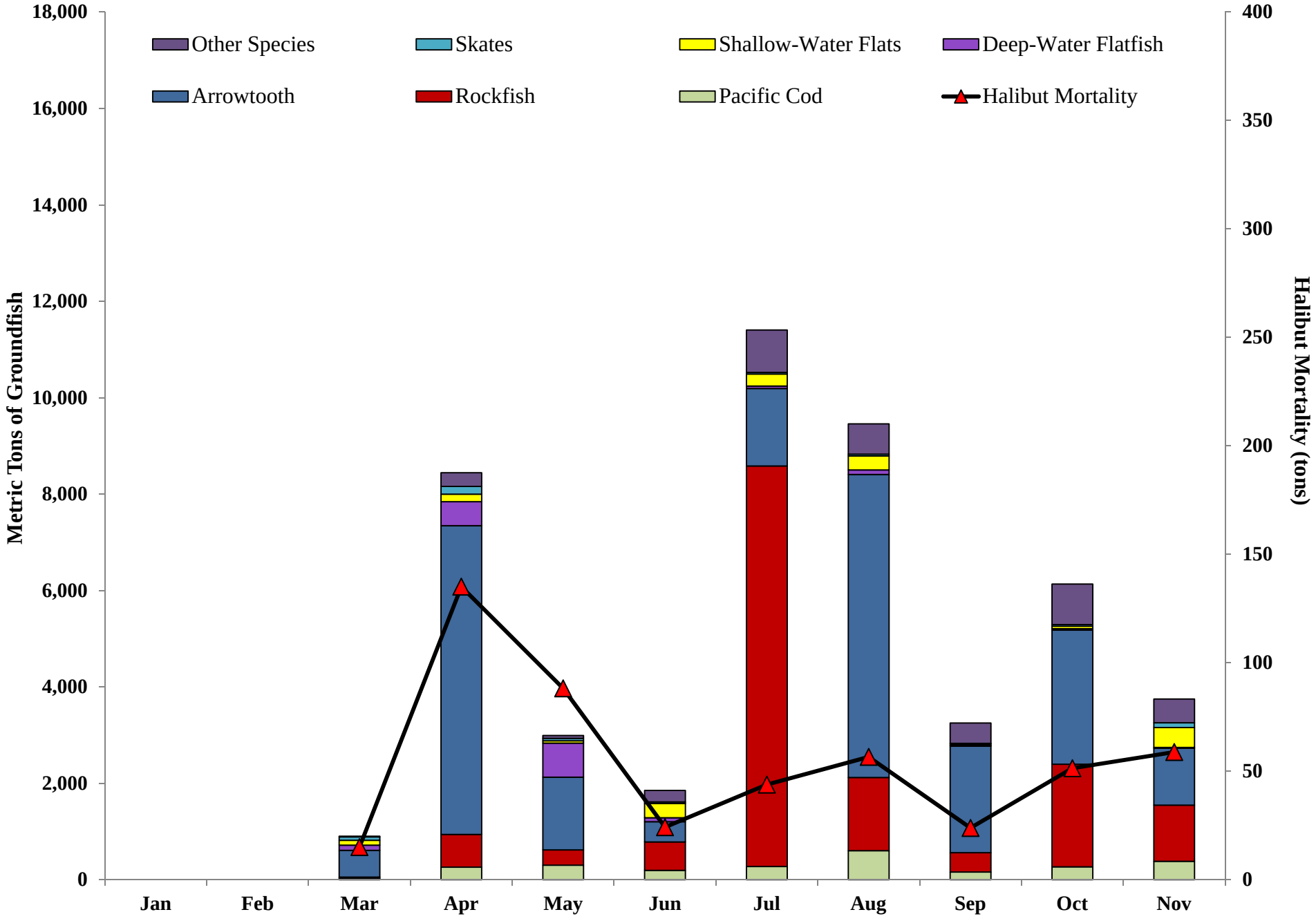


**CP Deep water species are primarily Arrowtooth Flounder and Rex Sole targets*

2014 GOA Shoreside Trawl Catch and Halibut Mortality



2014 GOA CP Trawl Catch and Halibut Mortality



2014 Trawl Halibut Mortality

	Season	Start Date	End Date	Limit (mt)	Total Mortality (mt)	%
Deep Water Complex	1	Jan 20	Apr 1	35	35	100%
	2	Apr 1	Jul 1	627	546	87%
	3	Jul 1	Sep 1	179	108	60%
	4	Sep 1	Sep 30	0	22	n/a
			TOTAL	**841**	**710**	**84%**
Shallow Water Complex	**Season**					
	1	Jan 20	Apr 1	168	167	99%
	2	Apr 1	Jul 1	47	40	85%
	3	Jul 1	Sep 1	185	122	66%
	4	Sep 1	Sep 30	139	99	71%
			TOTAL	**539**	**428**	**79%**
Rockfish Program				191	77	40%
Fall Halibut Allocation		Oct 1	Nov 1	277	148	53%
Total Halibut Mortality				**1,848**	**1,363**	**74%**

2014 GOA Halibut Catch

Hook-and-Line Halibut (mt)	Retained	Discard*	% Discarded	Mortality**	Limit	%
IFQ Halibut Fishery	6,975	5,741	40%	919	*na*	*na*
IFQ Sablefish Fishery	940	1,654	64%	182	*na*	*na*
Pacific Cod \ Other Targets	42	1,731	98%	175	270	65%
TOTAL	7,957	9,126	53%	1,276	*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%.

Trawl Halibut (mt)	Total Catch	Mortality	Mortality Limit	%
Pollock	132	79	1,848	6%
Pacific Cod	355	220		16%
Rockfish \ Sablefish	124	82		6%
Arrowtooth Flounder	1,064	777		56%
Deep Water Flatfish	80	55		4%
Shallow Water Flatfish	243	162		12%
TOTAL	1,998	1,376	1,848	74%

2014 GOA Reduction in Halibut Mortality

Sector	2009-2013 Average (mt)	2014 (mt)	% Change	2009-2013 Rate*	2014 Rate*
Hook-and-line					
Catcher/Processors	90	73	-19%	13.52	11.41
Catcher Vessels	145	89	-39%	14.99	10.93
Total	235	161	-31%	14.39	11.14
Trawl Catcher Vessels					
Central GOA Catcher Vessels (NPT)	1,129	807	-29%	23.05	14.75
Western GOA Catcher Vessels (NPT)	59	69	18%	15.29	9.15
Pelagic Trawl Catcher Vessels	14	1	-90%	0.19	0.01
Total	1,202	878	-27%	9.38	4.47
Trawl Catcher/Processors					
Total	453	498	10%	13.13	10.31
All Sectors					
TOTAL	**1,890**	**1,537**	**-19%**	**10.56**	**5.93**

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

Acknowledgements

Industry Reports:

Catcher vessels

- 1,480 unique vessels with approximately 18,500 landings to 79 unique processors

Catcher processors

- 75 unique vessels fishing approximately 17,000 vessel days

Observer Program

- 40 FMA staff
- 792 contracts of observers
- 43,322 sea days

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
- Jennifer Watson (Scales)
- Suja Hall (Elandings)
- Bill Donaldson (Kodiak)