

**Alaska Region
National Marine Fisheries Service
Gulf of Alaska
Inseason Management Report
December 2013**



Catch data are through November 2013

*Management reports can be found at:
<http://alaskafisheries.noaa.gov/sustainablefisheries/inseason/default.htm>*

GULF OF ALASKA REPORTING AREAS

ALASKA

NPT = Non Pelagic Trawl

PTR = Pelagic Trawl

HAL = Hook and Line / Longline

CP = Catcher Processor

CV = Catcher Vessel

610

620

630

640

649

650

659

LEGEND

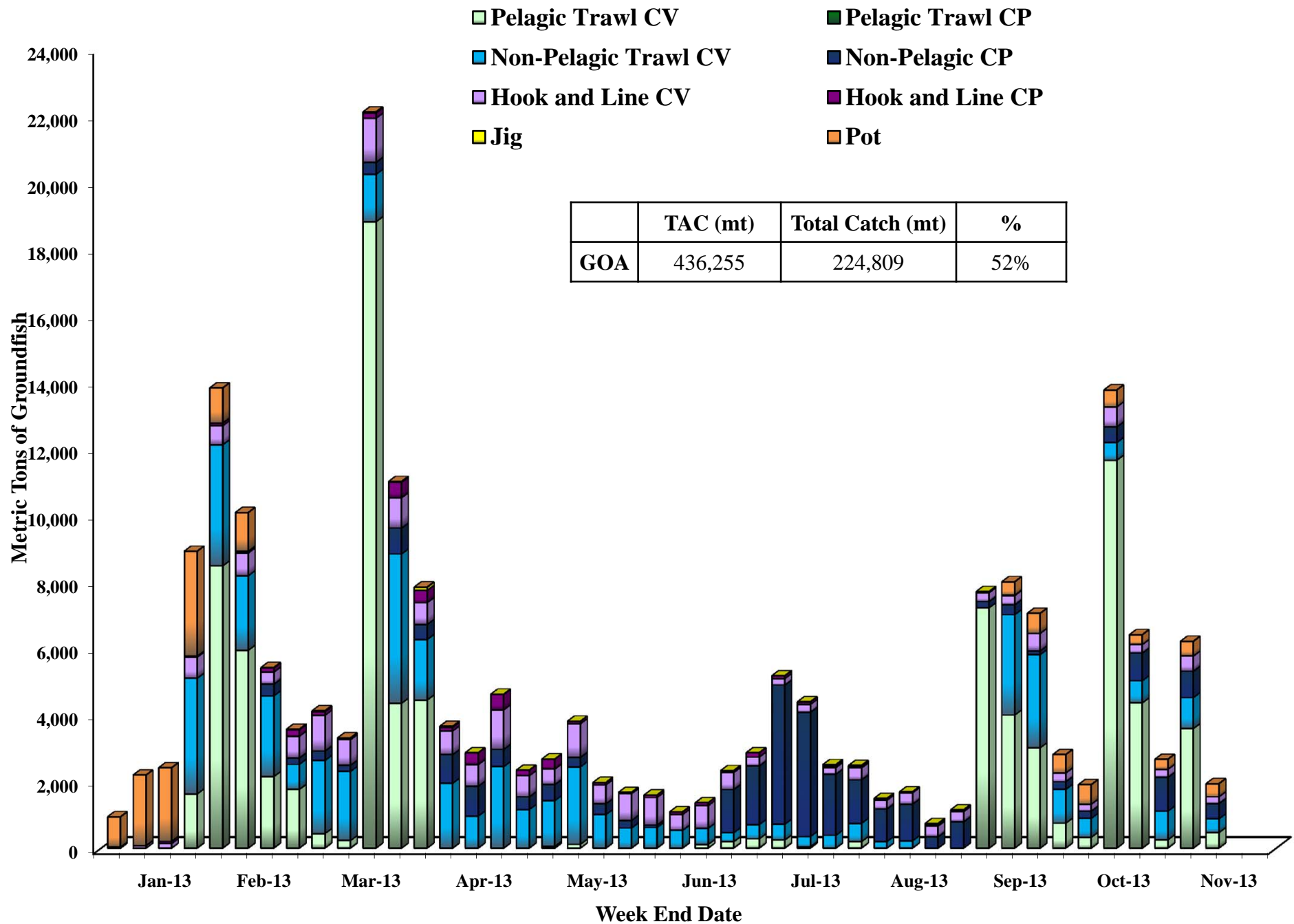
Western GOA = 610

Central GOA = 620 + 630

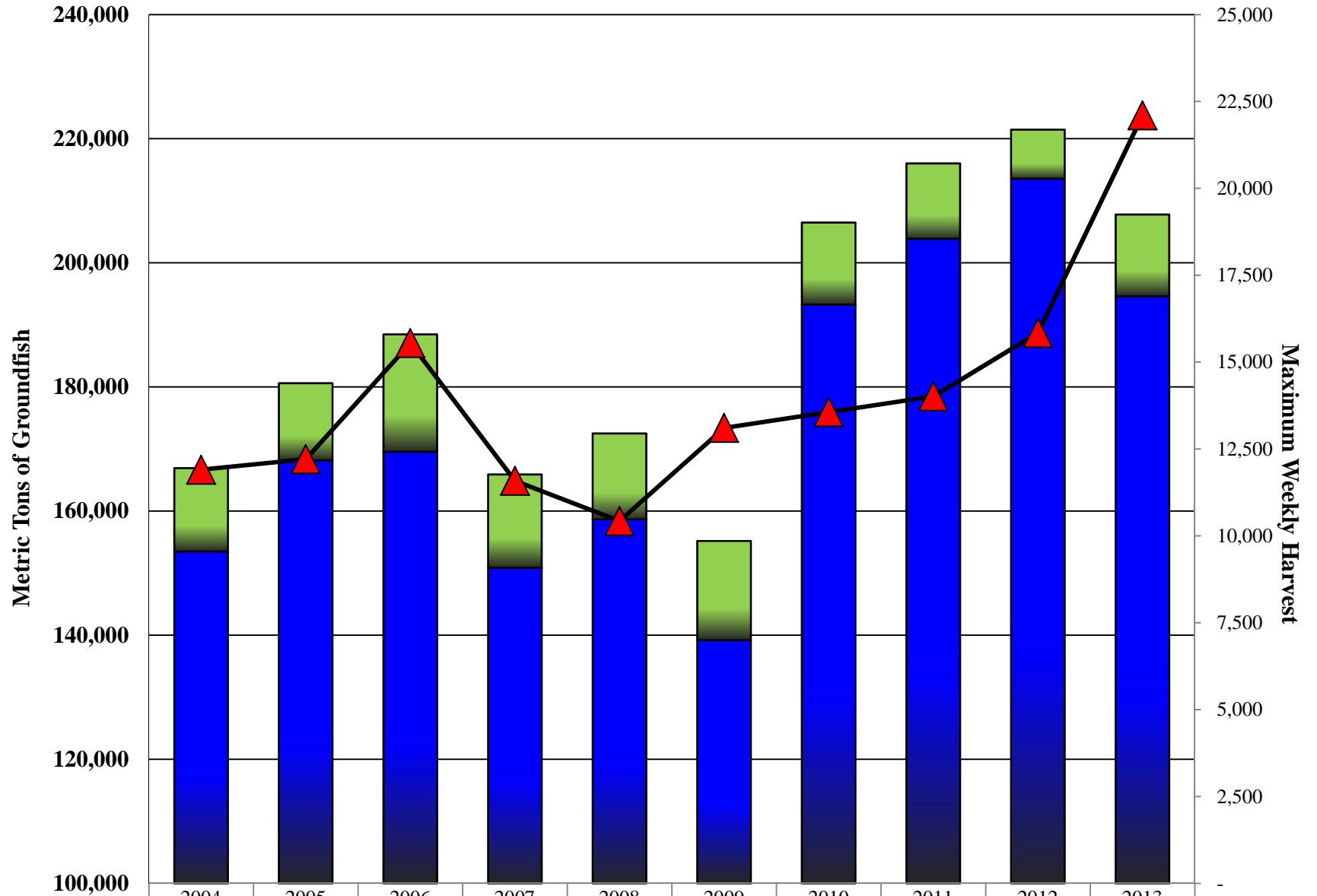
Eastern GOA =

640 + 649 + 650 + 659

2013 GOA Total Groundfish Catch by Gear & Sector

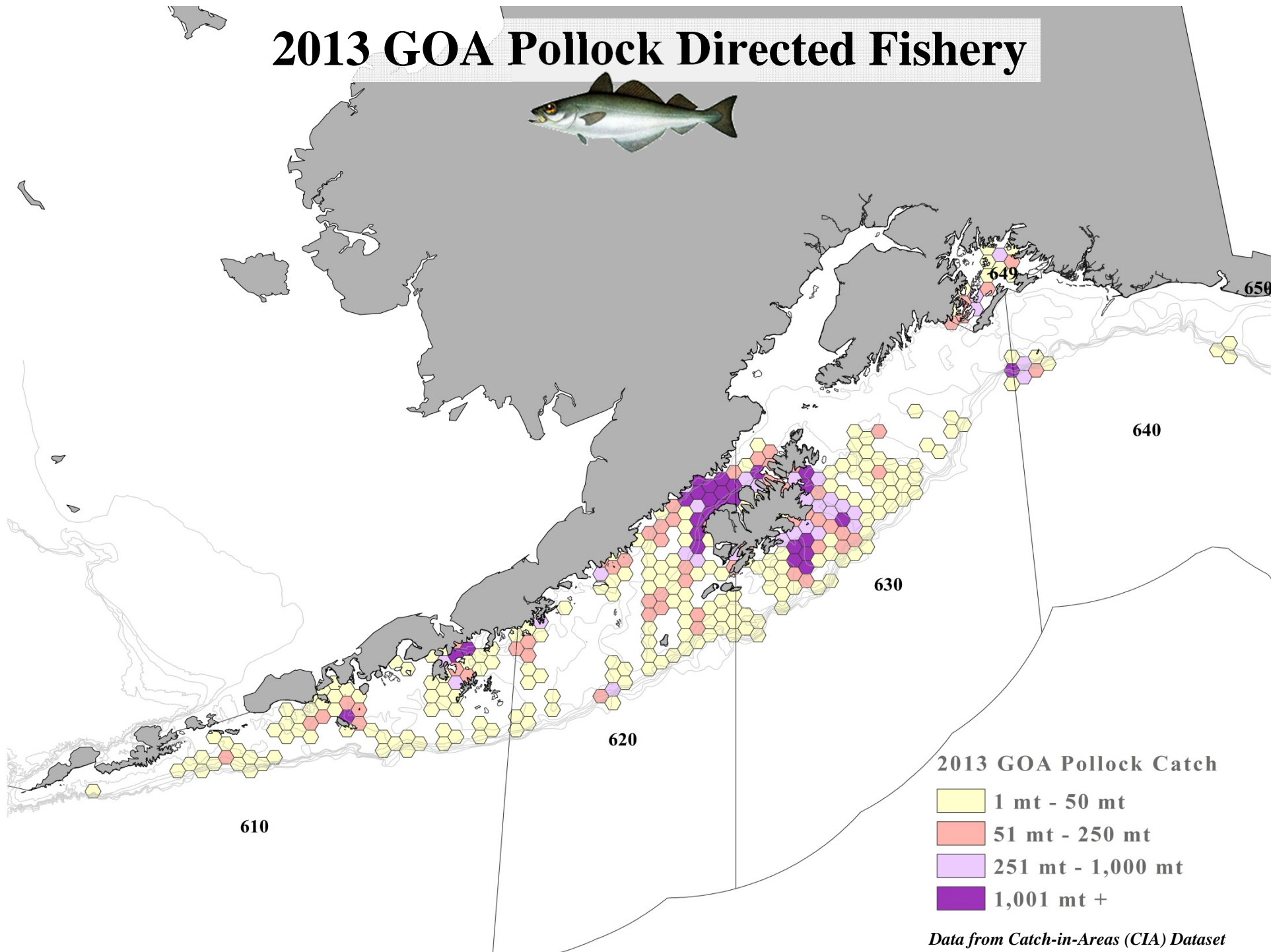


GOA Total Groundfish Catch and Max Weekly Harvest



Discarded Catch	13,417	12,436	18,904	15,042	13,839	15,985	13,240	12,138	7,905	13,191
Retained Catch	153,499	168,171	169,574	150,856	158,674	139,199	193,261	203,890	213,566	194,596
Maximum Weekly Harvest	11,905	12,207	15,548	11,583	10,427	13,107	13,562	14,013	15,840	22,100

2013 GOA Pollock Directed Fishery



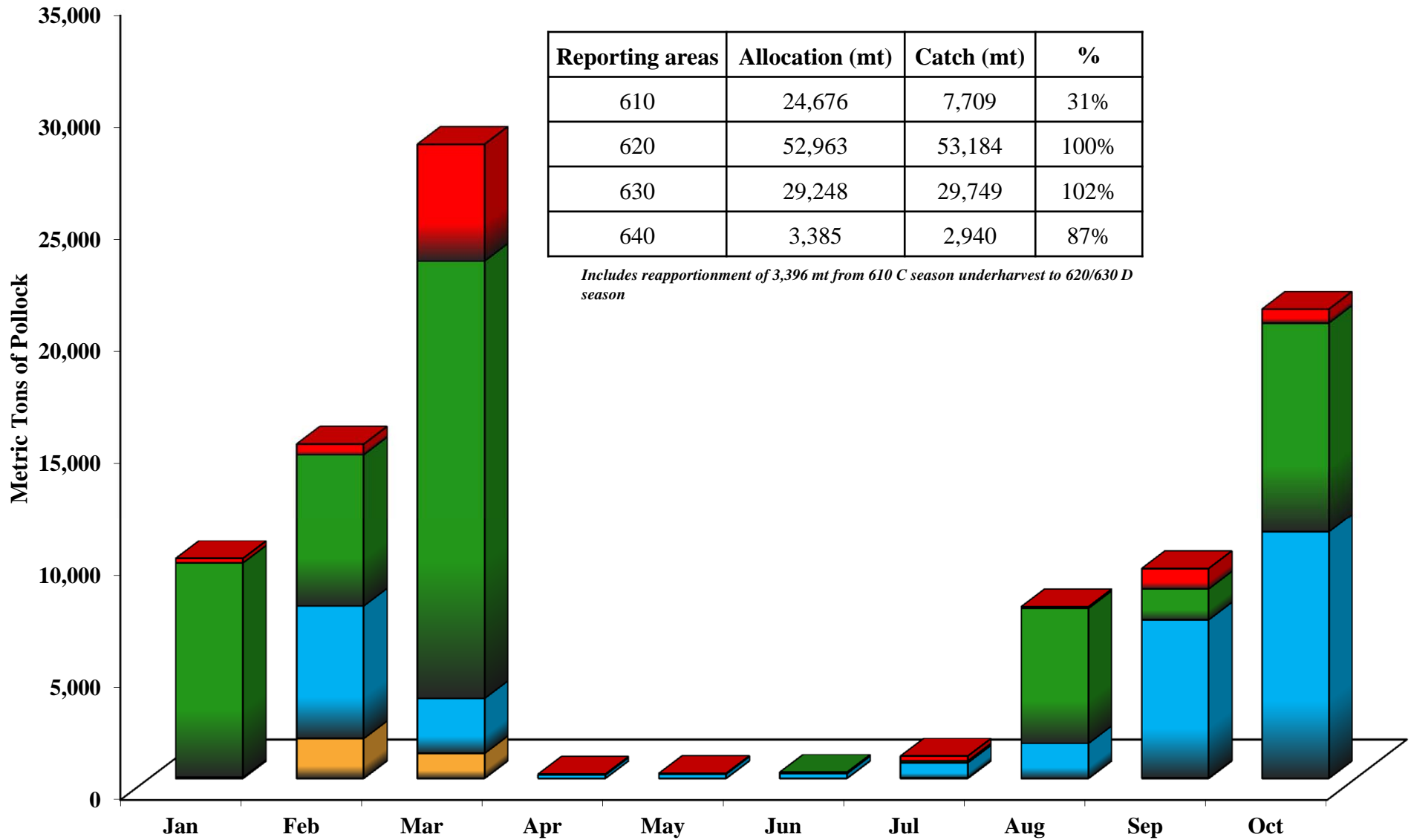
2013 GOA Pollock Catch

- 1 mt - 50 mt
- 51 mt - 250 mt
- 251 mt - 1,000 mt
- 1,001 mt +

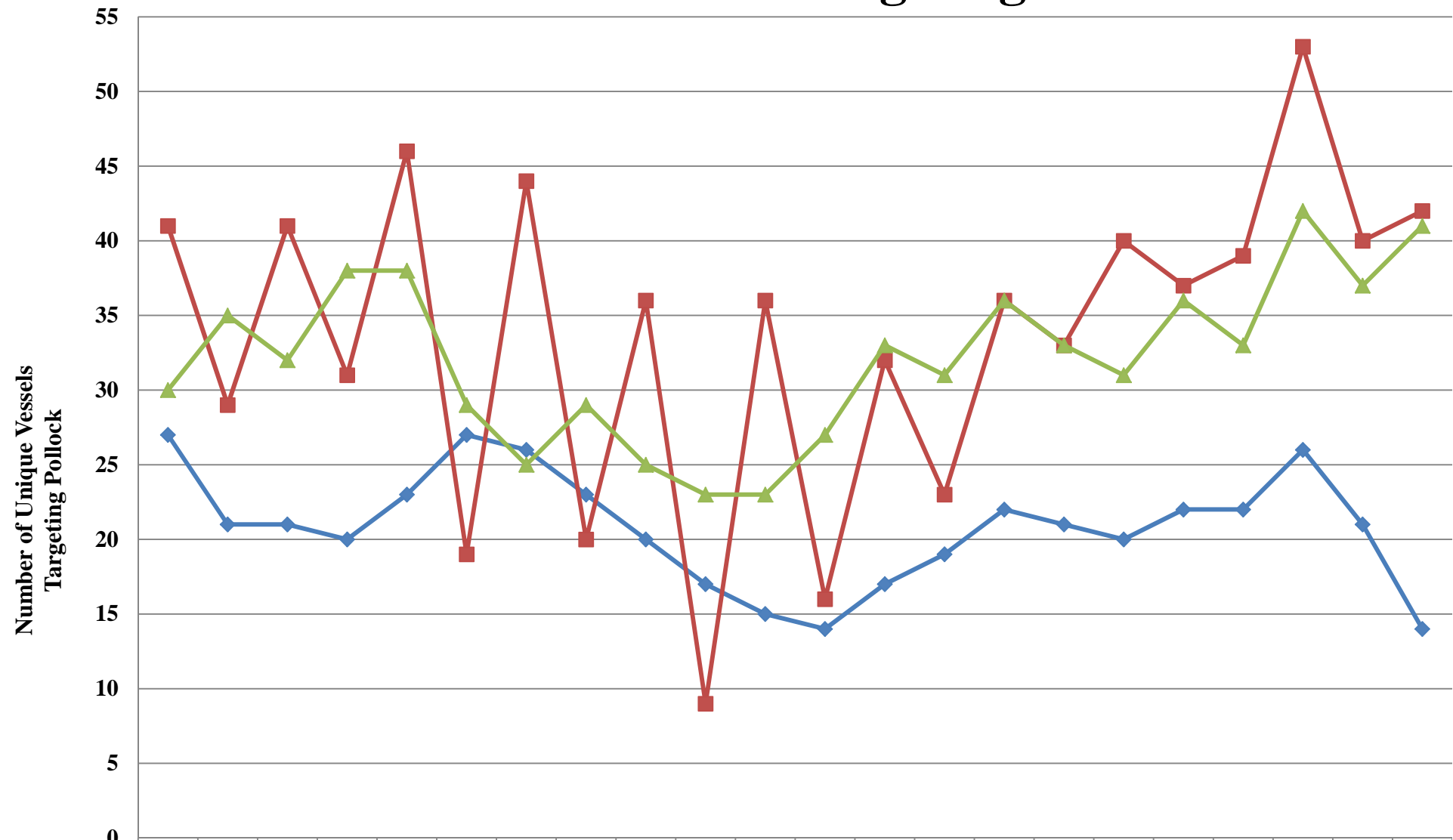
Data from Catch-in-Areas (CIA) Dataset

2013 Pollock Catch in GOA

■ 610 ■ 620 ■ 630 ■ 640



2003-2013 Counts of Vessels Targeting GOA Pollock

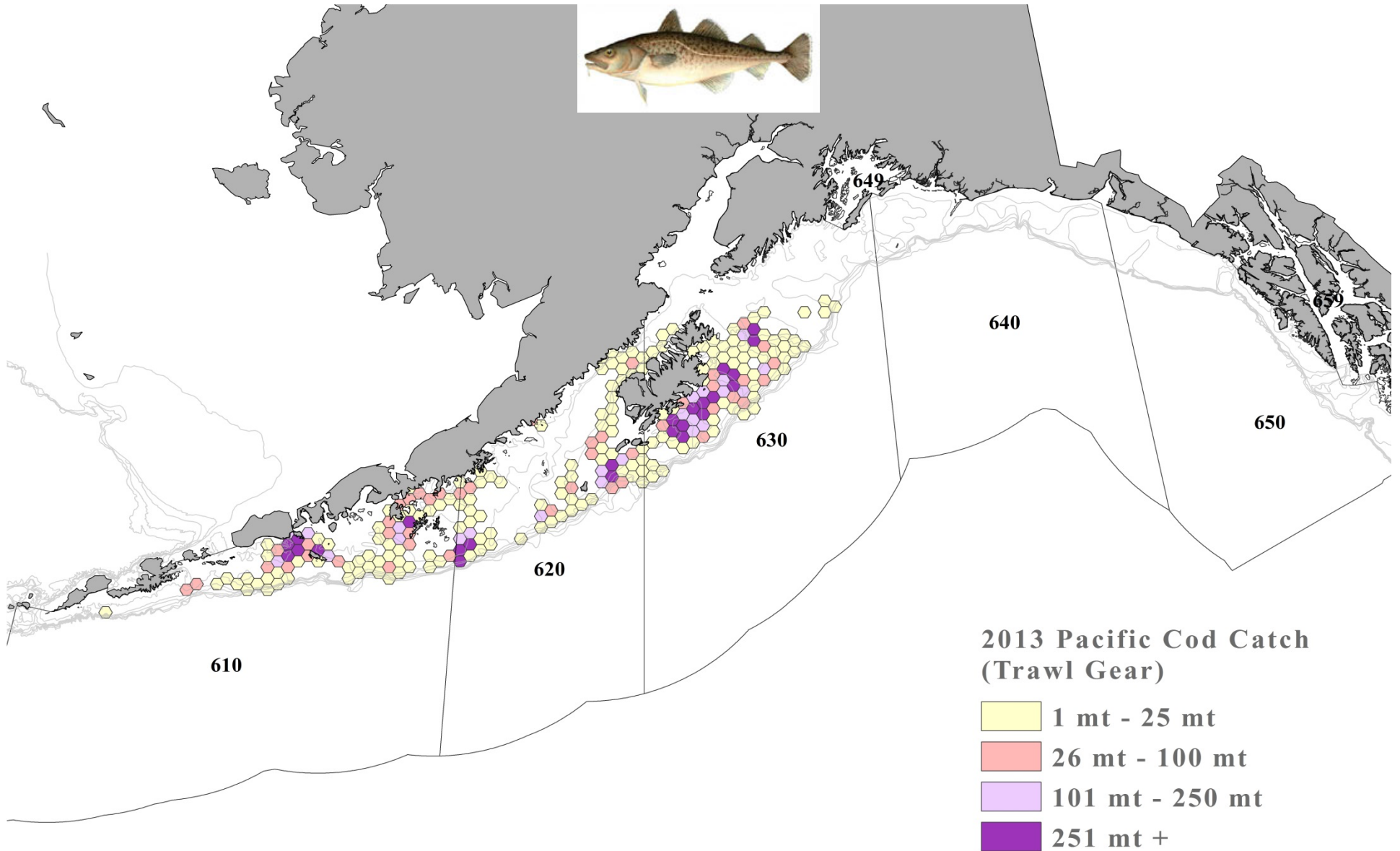


	Spring 2003	Fall 2003	Spring 2004	Fall 2004	Spring 2005	Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008	Spring 2009	Fall 2009	Spring 2010	Fall 2010	Spring 2011	Fall 2011	Spring 2012	Fall 2012	Spring 2013	Fall 2013
610	27	21	21	20	23	27	26	23	20	17	15	14	17	19	22	21	20	22	22	26	21	14
620	41	29	41	31	46	19	44	20	36	9	36	16	32	23	36	33	40	37	39	53	40	42
630	30	35	32	38	38	29	25	29	25	23	23	27	33	31	36	33	31	36	33	42	37	41

2013 Pollock Closures

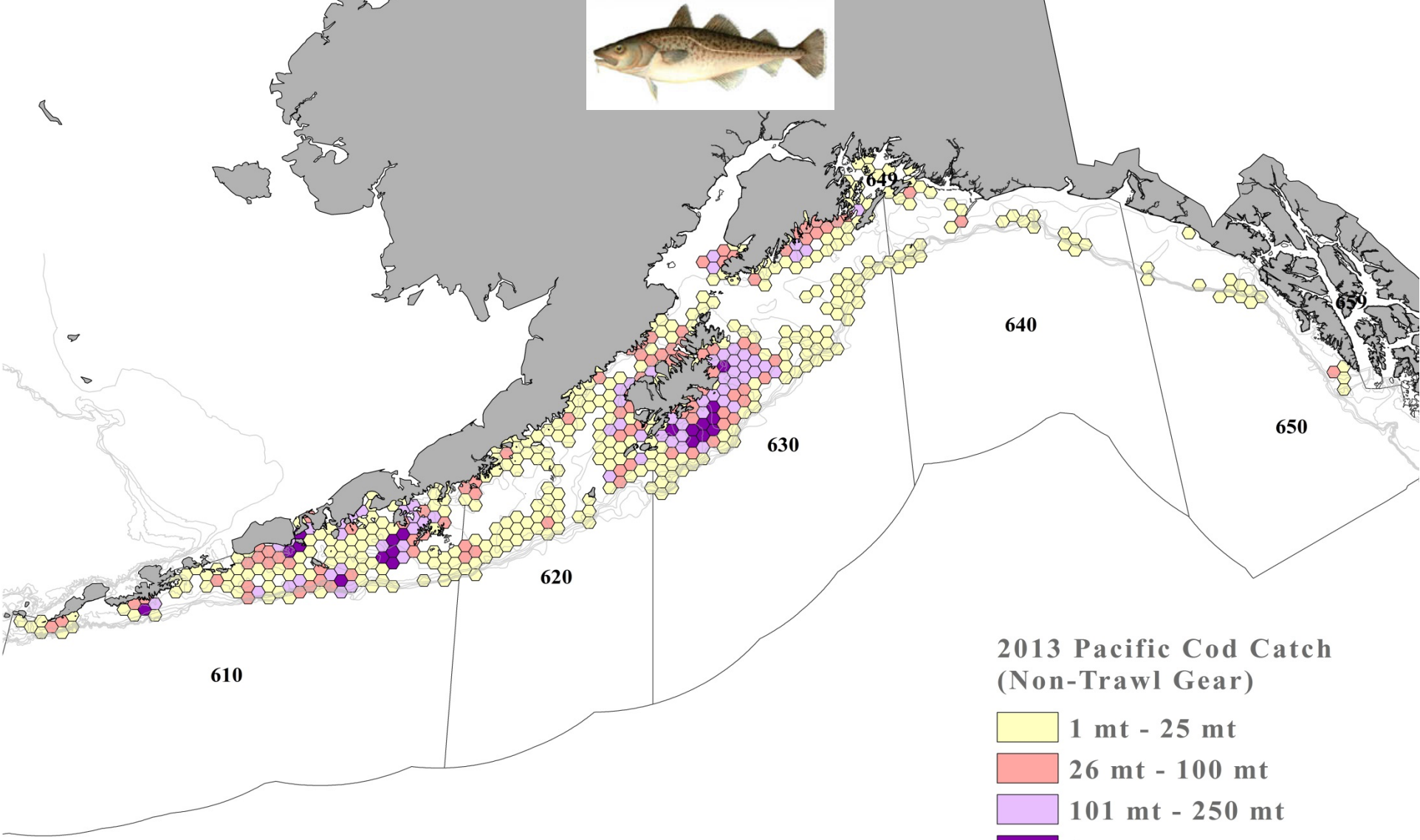
		Open	Closed	Reason
610 Pollock	A Season	Jan 20	Mar 10	Season end
	B Season	Mar 10	Mar 30	TAC
	C Season	Aug 25	Oct 1	Season end
	D Season	Oct 1	Nov 1	Season end
<hr/>				
620 Pollock	A Season	Jan 20	Feb 4	TAC
	B Season	Mar 10	Mar 17	TAC
	C Season	Aug 25	Sep 13	TAC
	D Season	Oct 1	Oct 6	TAC
		Oct 22	Nov 1	Season end
<hr/>				
630 Pollock	A Season	Jan 20	Jan 22	TAC
		Feb 8	Feb 14	TAC
	B Season	Mar 10	Mar 10	TAC
		Mar 22	Mar 26	TAC
	C Season	Aug 25	Sep 16	TAC
	D Season	Oct 1	Oct 8	TAC
		Oct 22	Nov 1	Season End
<hr/>				
West Yakutat Pollock		Jan 20	Mar 3	TAC
		Mar 22	Nov 1	TAC

2013 Gulf of Alaska Trawl Pacific Cod Catch



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

2013 Gulf of Alaska Non-Trawl Pacific Cod Catch

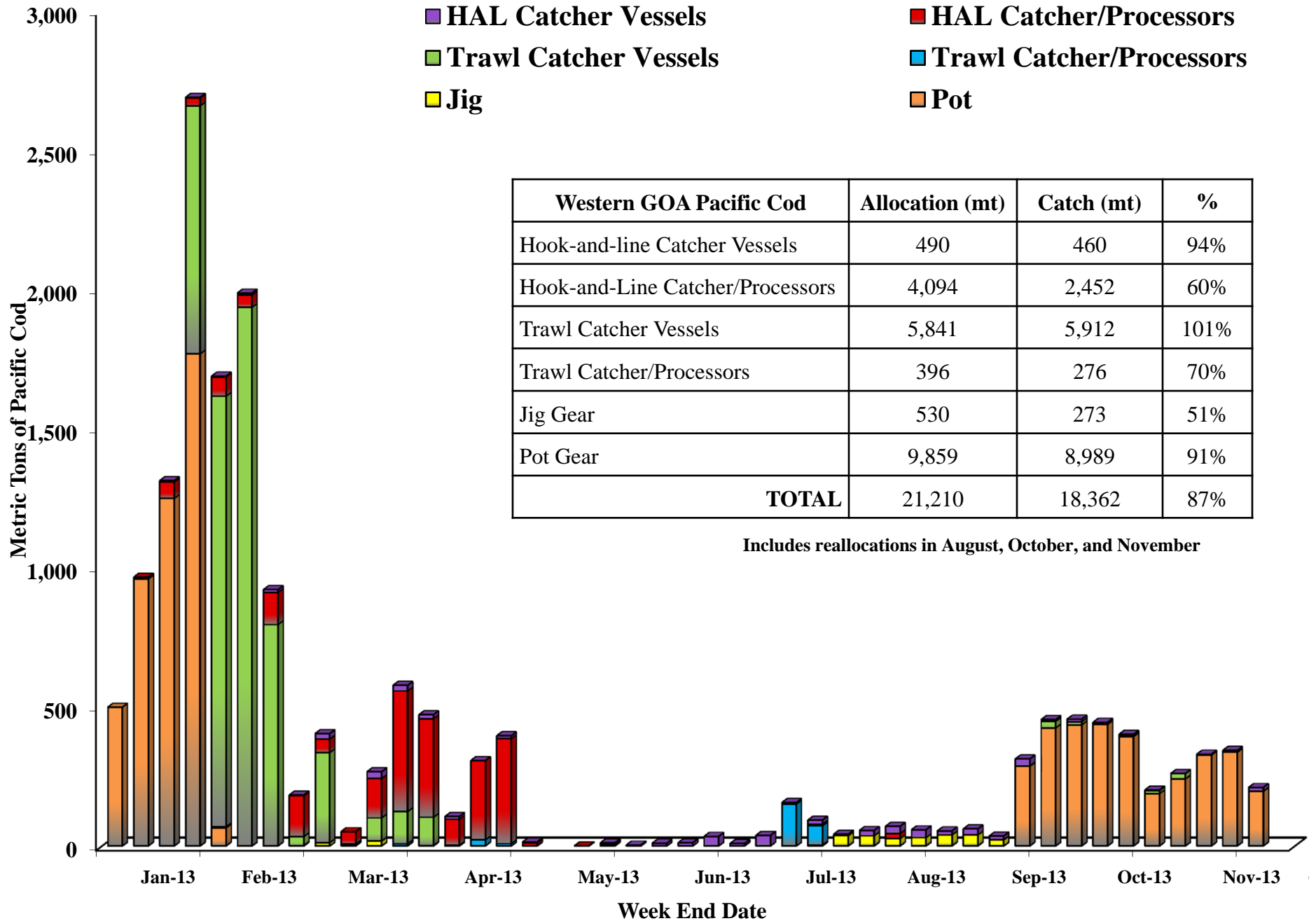


2013 Pacific Cod Catch (Non-Trawl Gear)

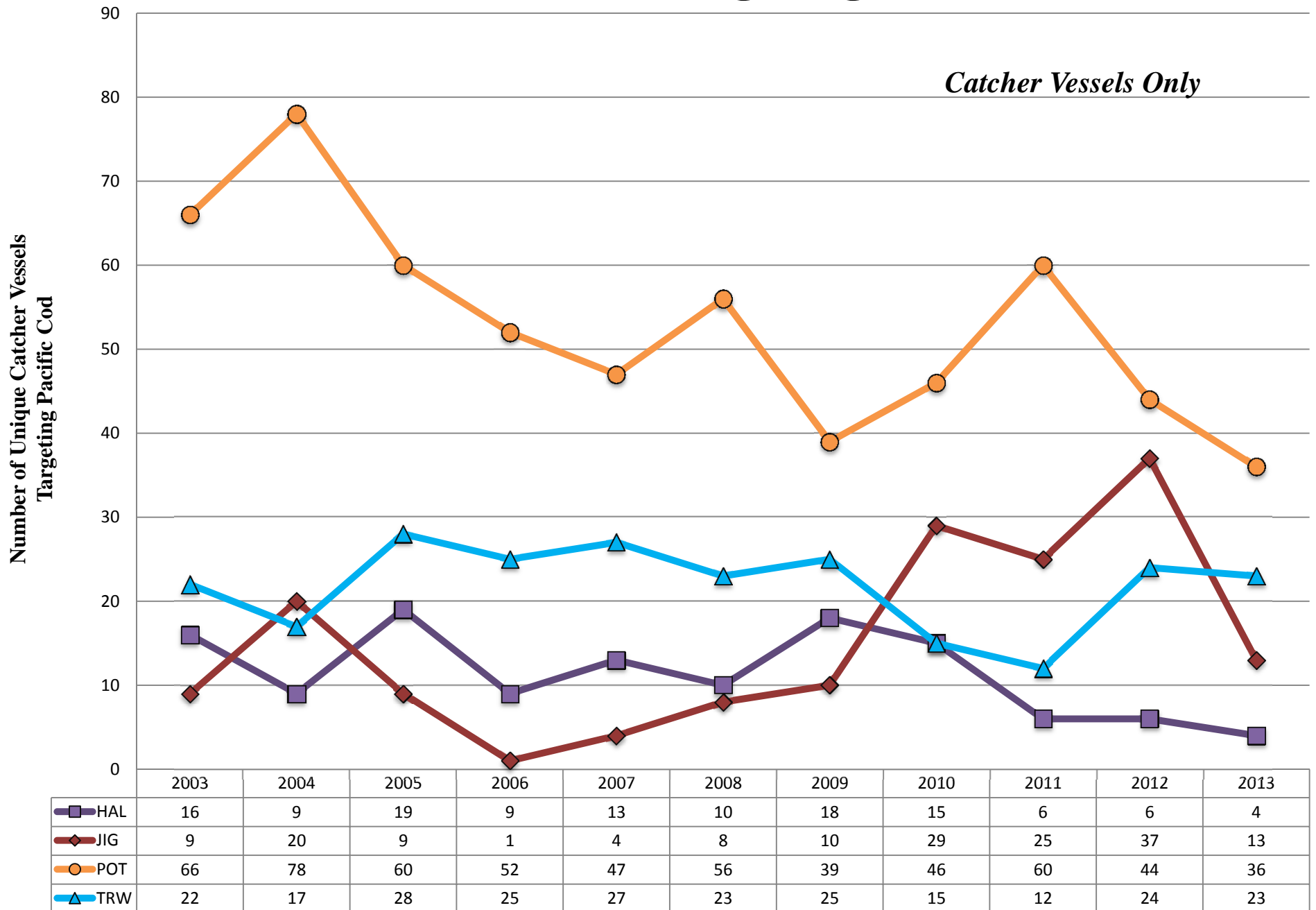
- 1 mt - 25 mt
- 26 mt - 100 mt
- 101 mt - 250 mt
- 251 mt +

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

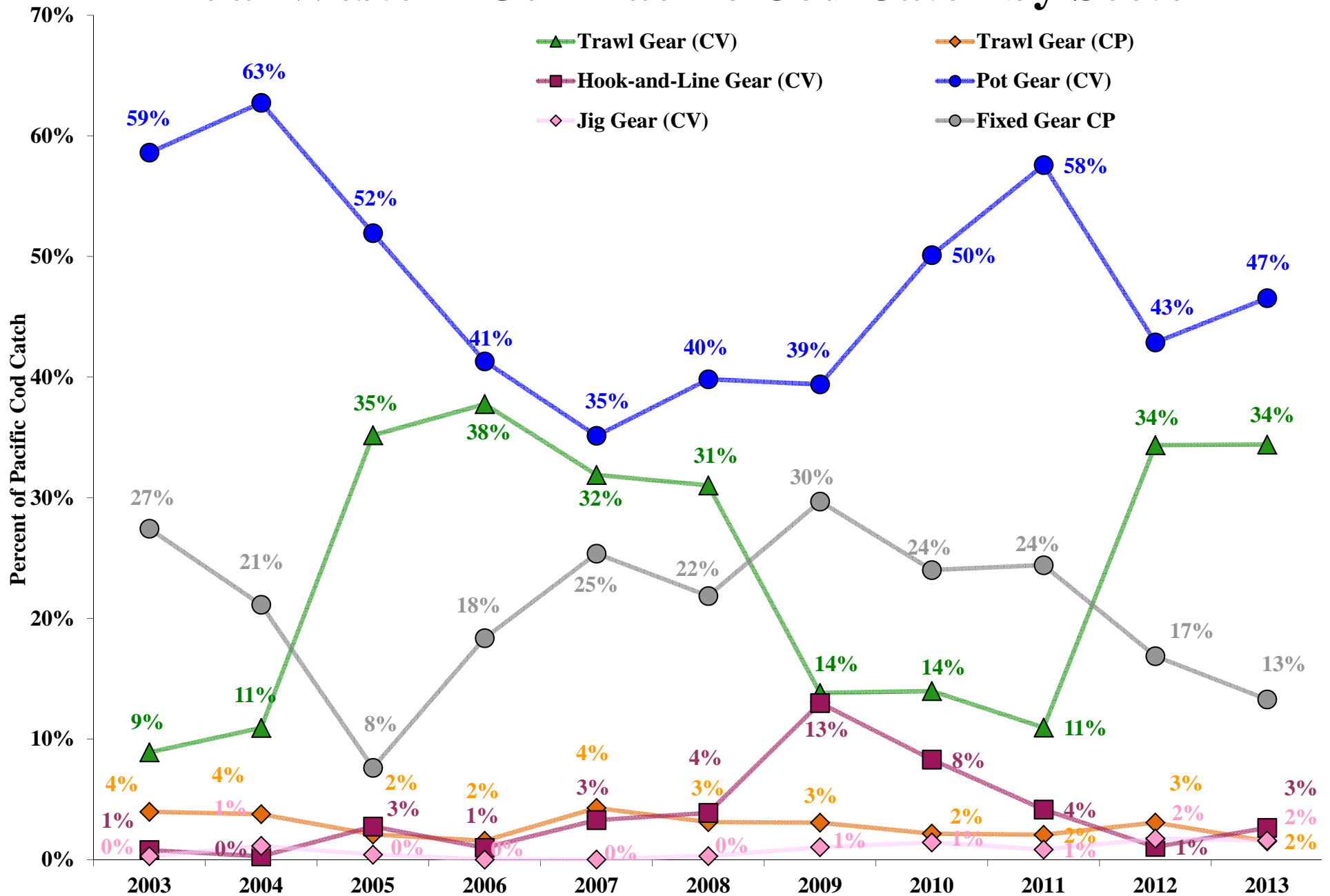
2013 Western Gulf Pacific Cod Catch by Week and Sector



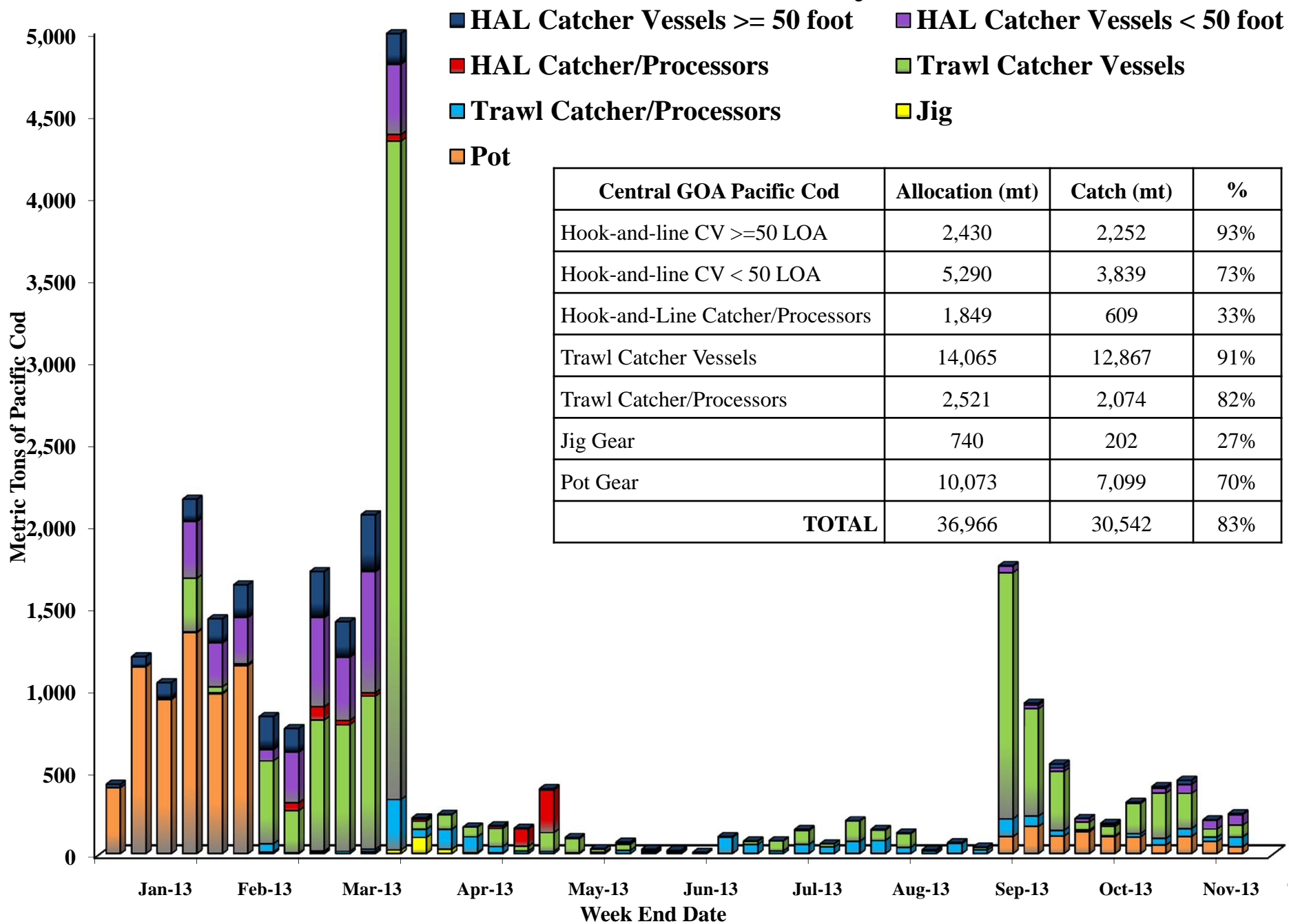
2003-2013 Counts of Vessels Targeting WGOA Pacific Cod



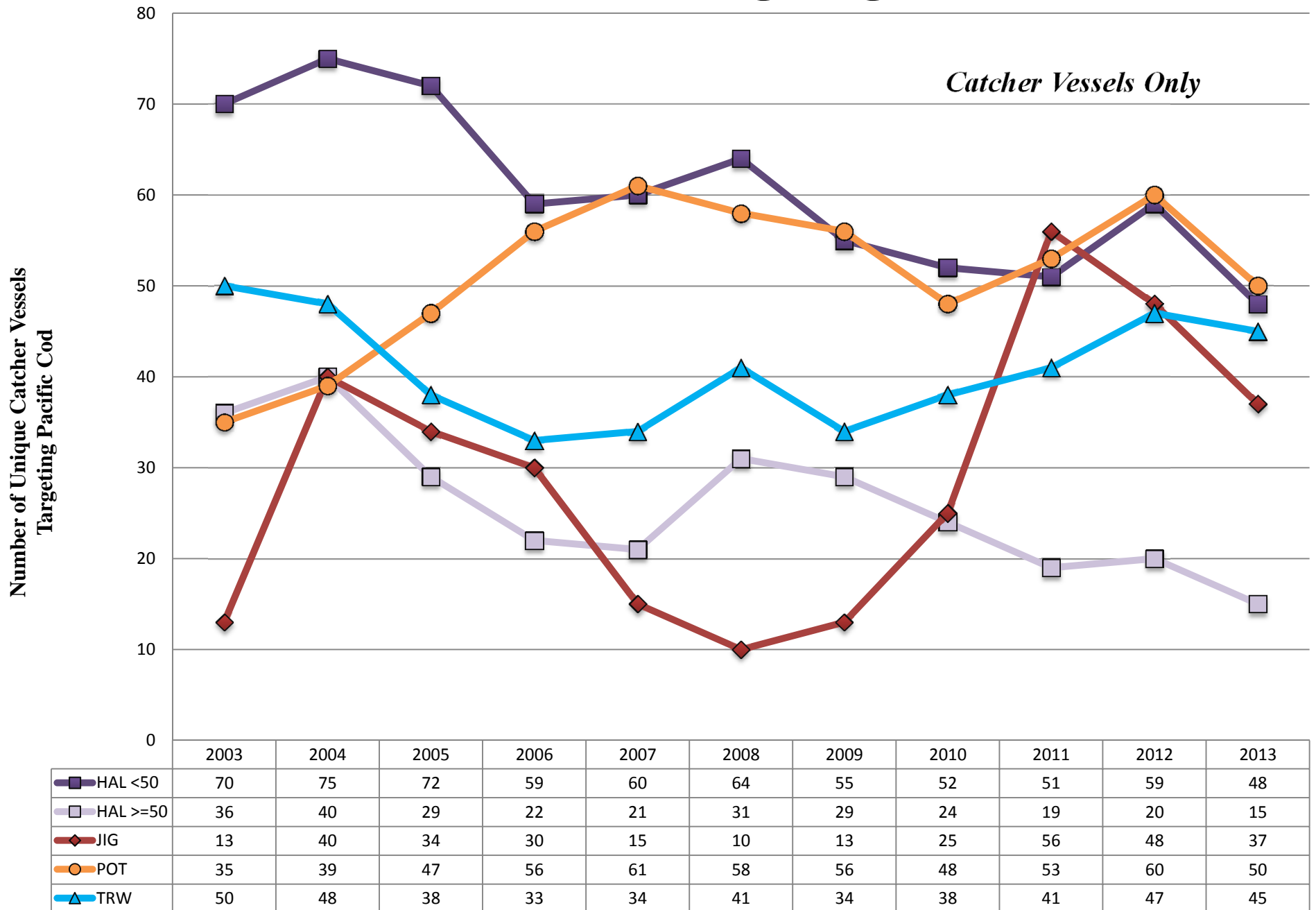
Annual Western Gulf Pacific Cod Catch by Sector



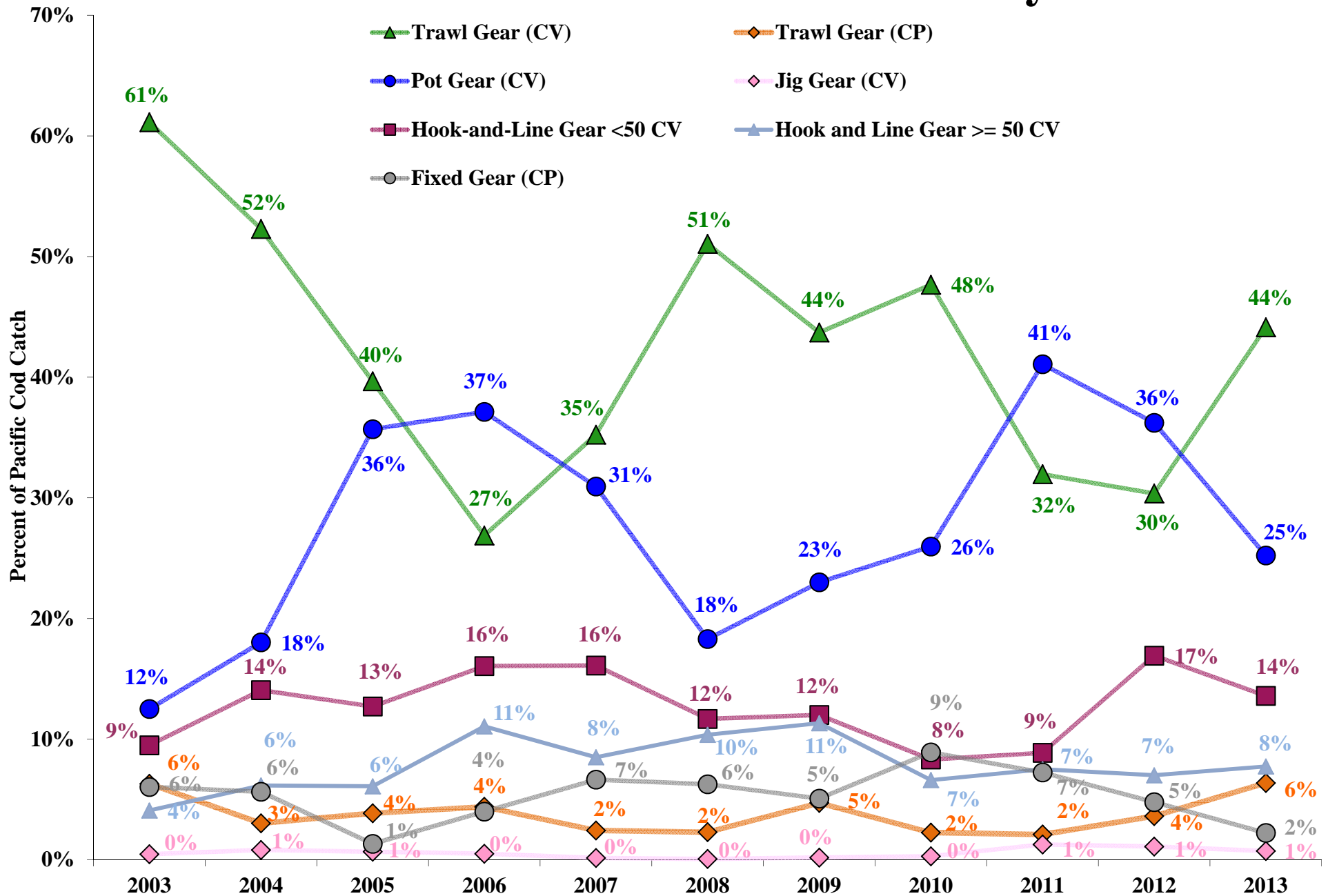
2013 Central Gulf Pacific Cod Catch by Week and Sector



2003 - 2013 Counts of Vessels Targeting CGOA Pacific Cod



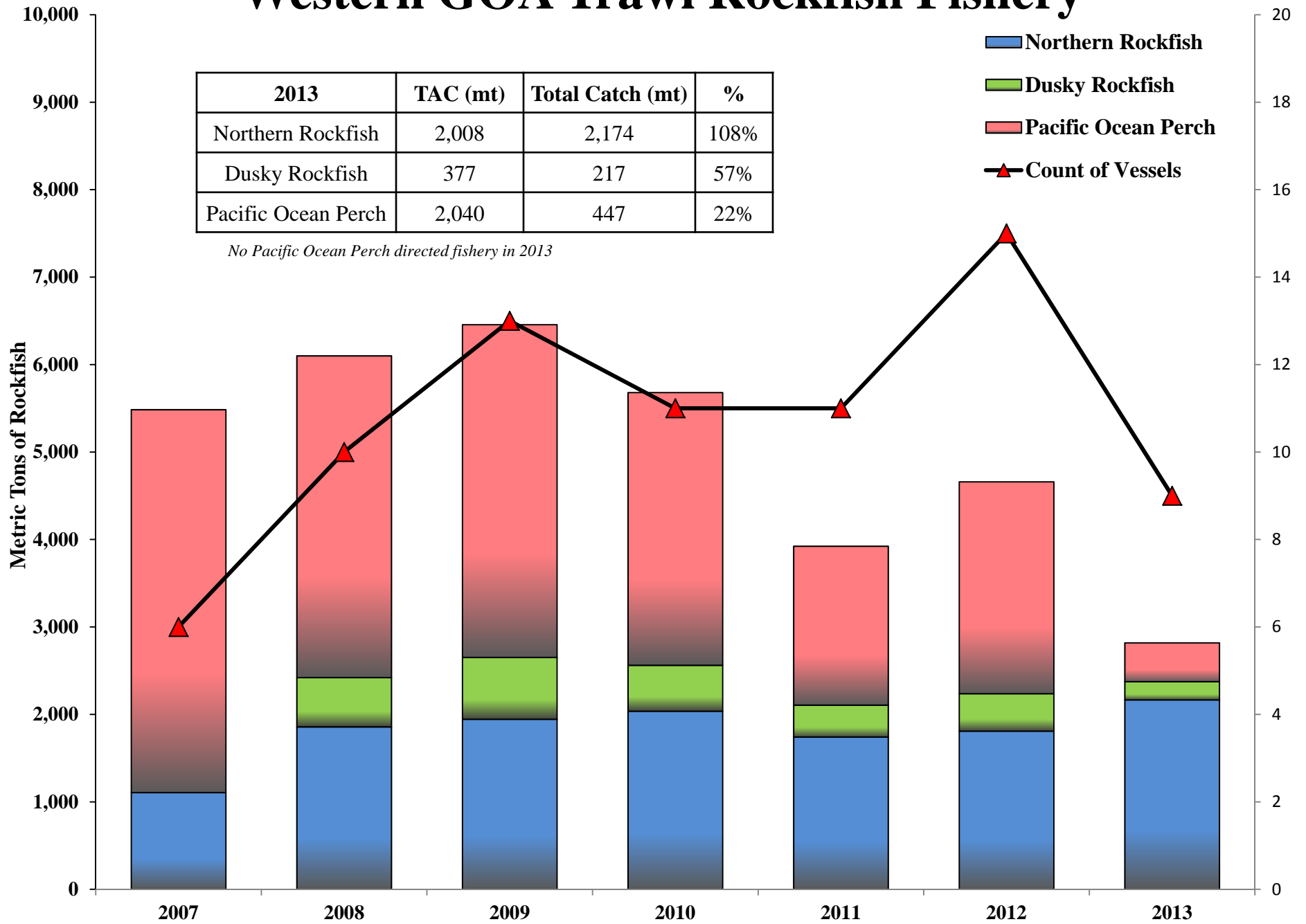
Annual Central Gulf Pacific Cod Catch by Sector



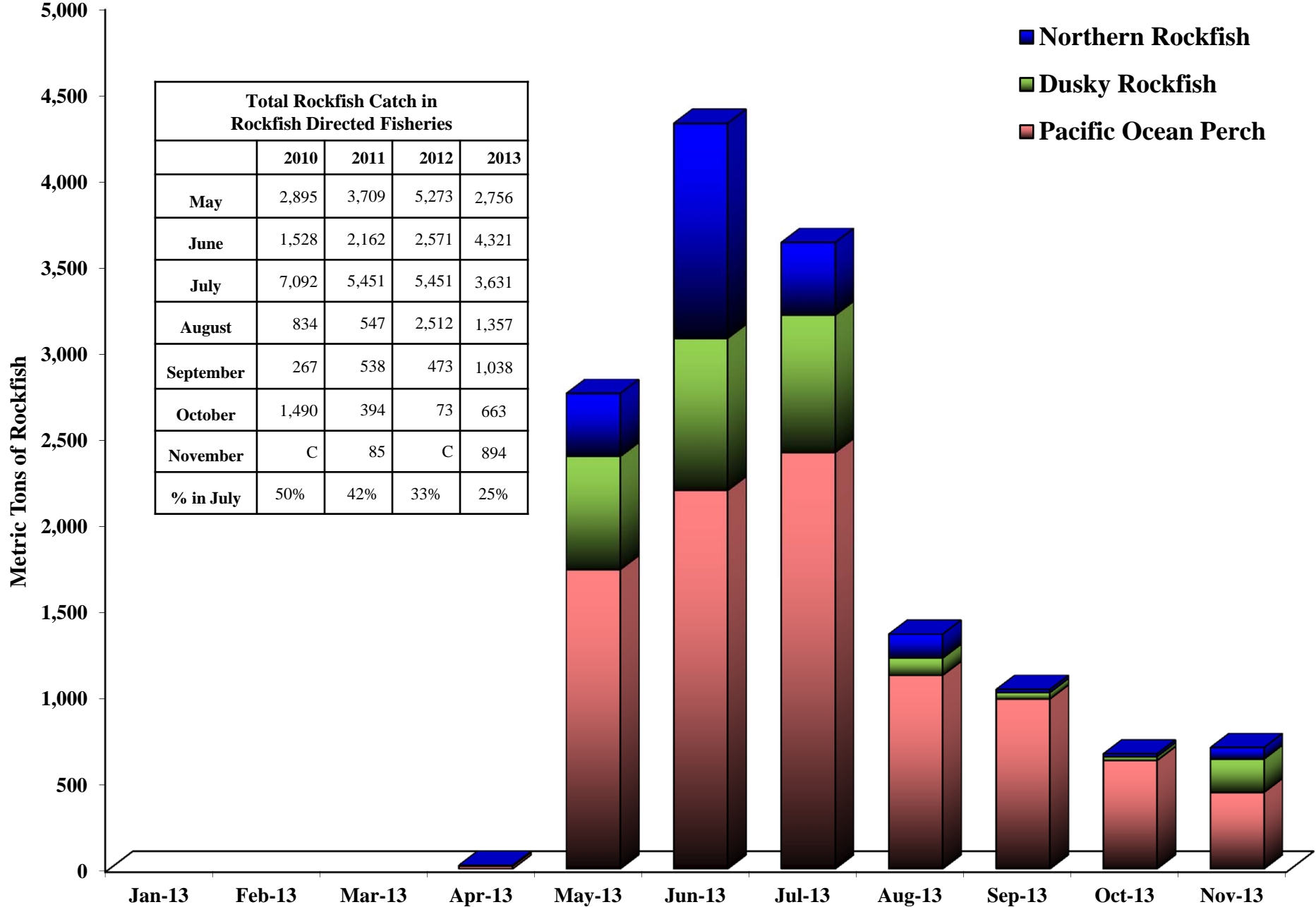
Western GOA Trawl Rockfish Fishery

2013	TAC (mt)	Total Catch (mt)	%
Northern Rockfish	2,008	2,174	108%
Dusky Rockfish	377	217	57%
Pacific Ocean Perch	2,040	447	22%

No Pacific Ocean Perch directed fishery in 2013

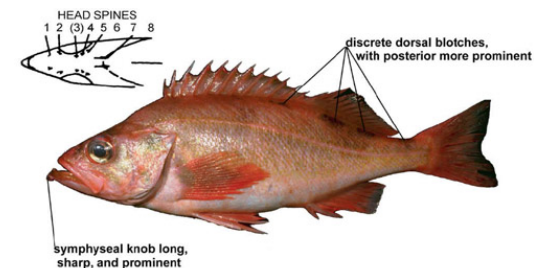


2013 Central GOA Targeted Rockfish Catch by Month

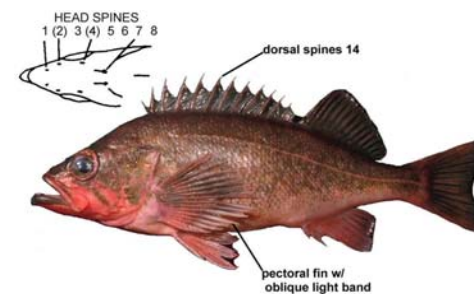


2013 Rockfish Program Allocations and Catch

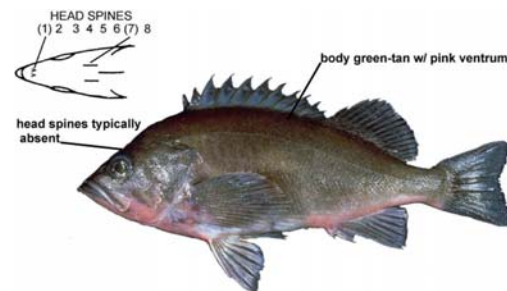
	Limit	Catch	% Caught
Entry Level			
Pacific Ocean Perch	5	0	0%
Northern Rockfish	5	0	0%
Dusky Rockfish	30	11	37%
Cooperatives			
Pacific Ocean Perch	10,021	9,788	98%
Northern Rockfish	2,997	2,392	80%
Dusky Rockfish	3,303	2,654	80%
Pacific Cod	1,408	490	35%
Sablefish	570	542	95%
Thornyhead Rockfish	263	131	50%
Shortraker Rockfish	181	confidential	
Rougheye Rockfish	504	confidential	
Pacific Halibut	191	62	32%
Primary Species Totals Including Central GOA Incidental Catch			
Pacific Ocean Perch	10,926	11,205	103%
Northern Rockfish	3,122	2,697	86%
Dusky Rockfish	3,533	2,924	83%



Pacific Ocean Perch

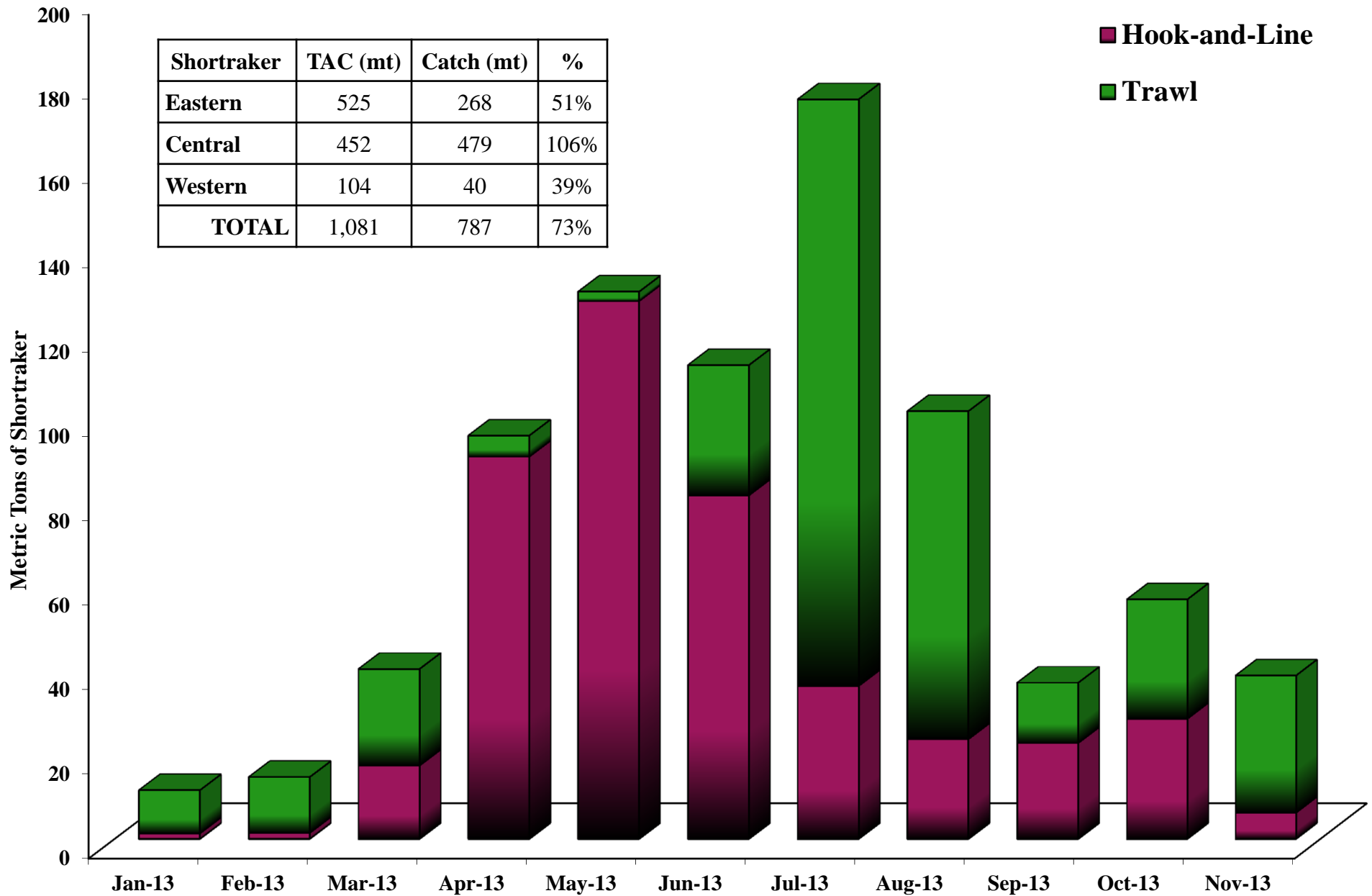


Northern Rockfish



Dusky Rockfish

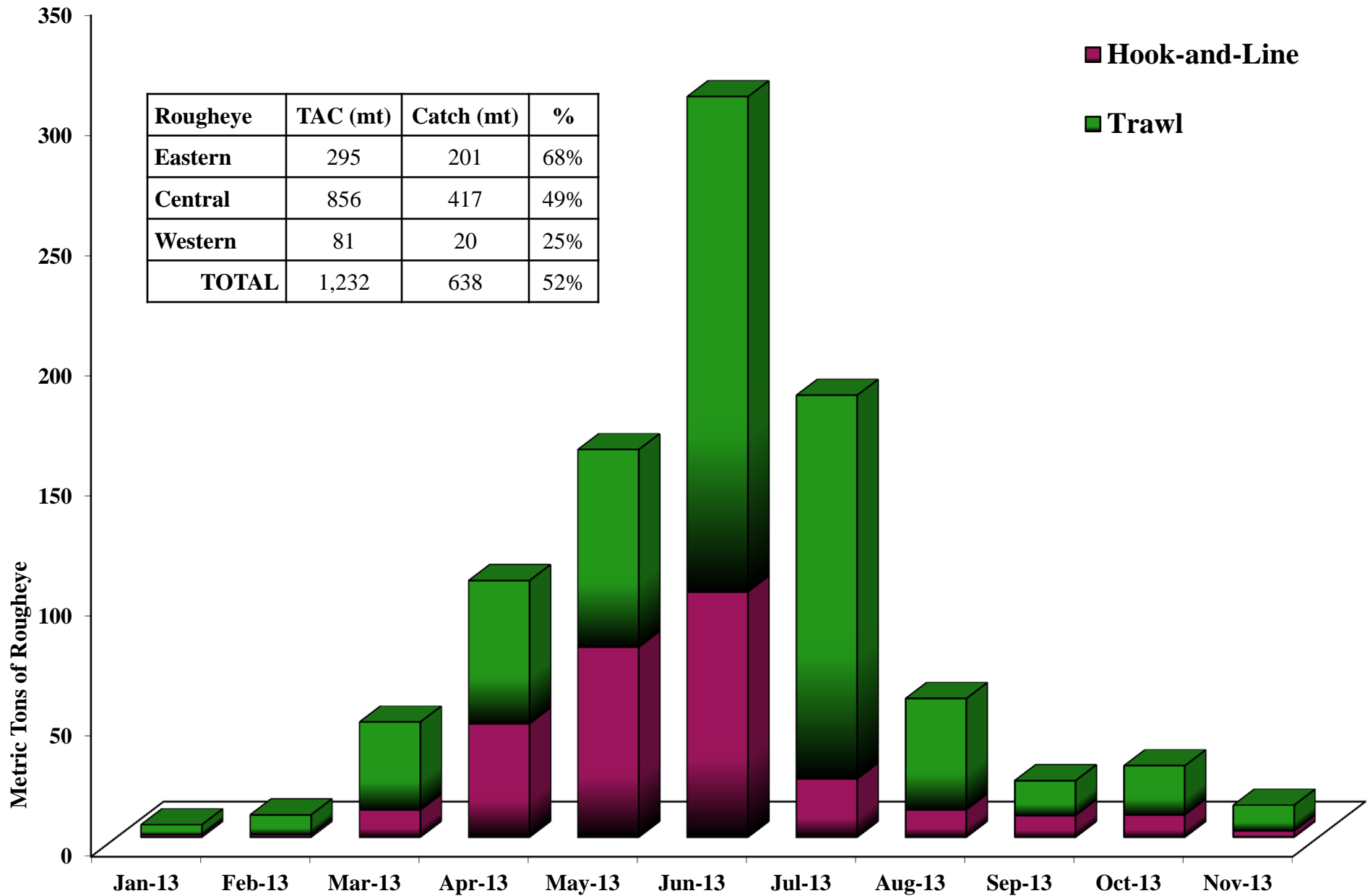
2013 GOA Shortraker Rockfish Catch



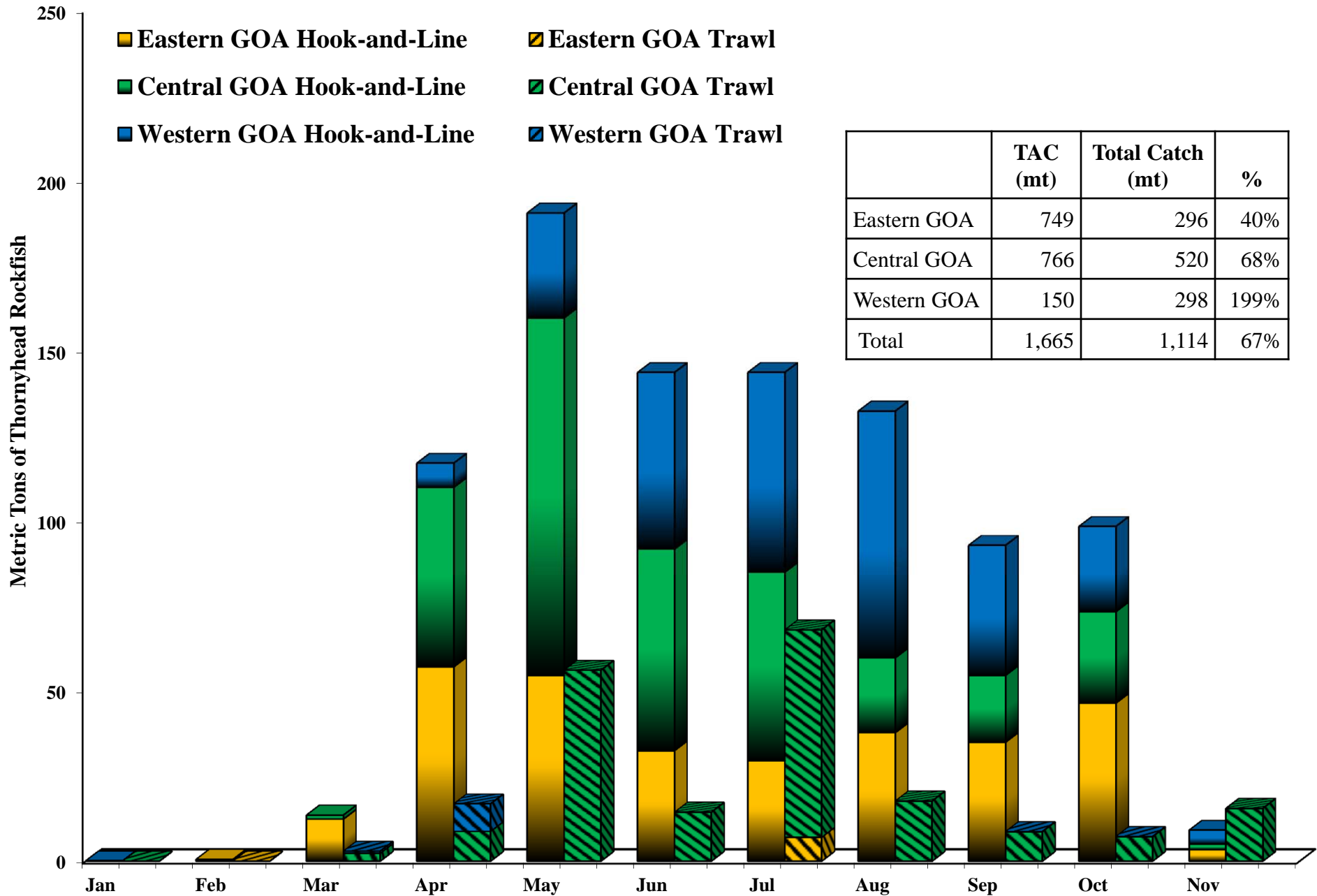
Shortraker	TAC (mt)	Catch (mt)	%
Eastern	525	268	51%
Central	452	479	106%
Western	104	40	39%
TOTAL	1,081	787	73%

■ Hook-and-Line
■ Trawl

2013 GOA Rougheye Rockfish Catch



2013 GOA Thornyhead Rockfish Catch



2013 GOA Other Rockfish Catch

	TAC (mt)	Trawl	Hook-and-Line	Total Catch (mt)	%
Western GOA	44	150	50	200	454%
Central GOA	606	361	115	475	78%
West Yakutat	230	9	62	72	31%
SE Outside	200	0	62	62	31%
TOTAL	1,080	520	289	809	75%
<i>PWS and SE Inside</i>	<i>na</i>	< 1	35	35	<i>na</i>

Metric Tons of Rockfish

- Other Targets
- Arrowtooth and Rex Sole
- Rockfish
- IFQ Species
- Pacific Cod

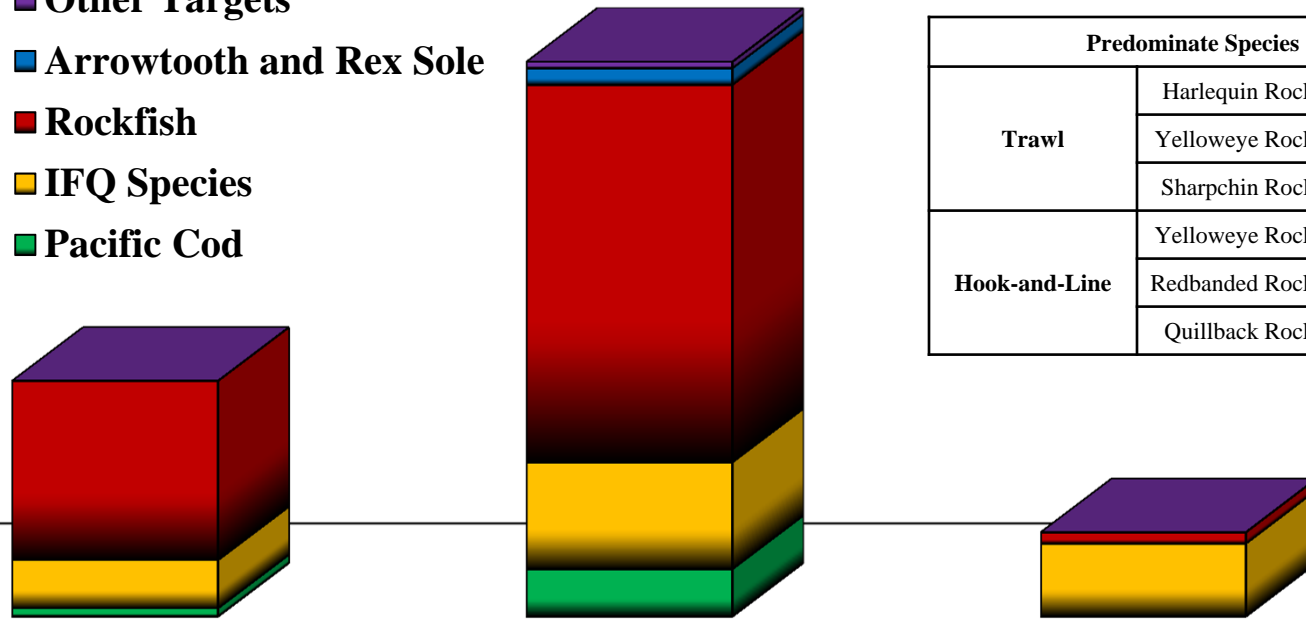
Predominate Species		
Trawl	Harlequin Rockfish	63%
	Yelloweye Rockfish	10%
	Sharpchin Rockfish	10%
Hook-and-Line	Yelloweye Rockfish	66%
	Redbanded Rockfish	18%
	Quillback Rockfish	7%

900
800
700
600
500
400
300
200
100
0

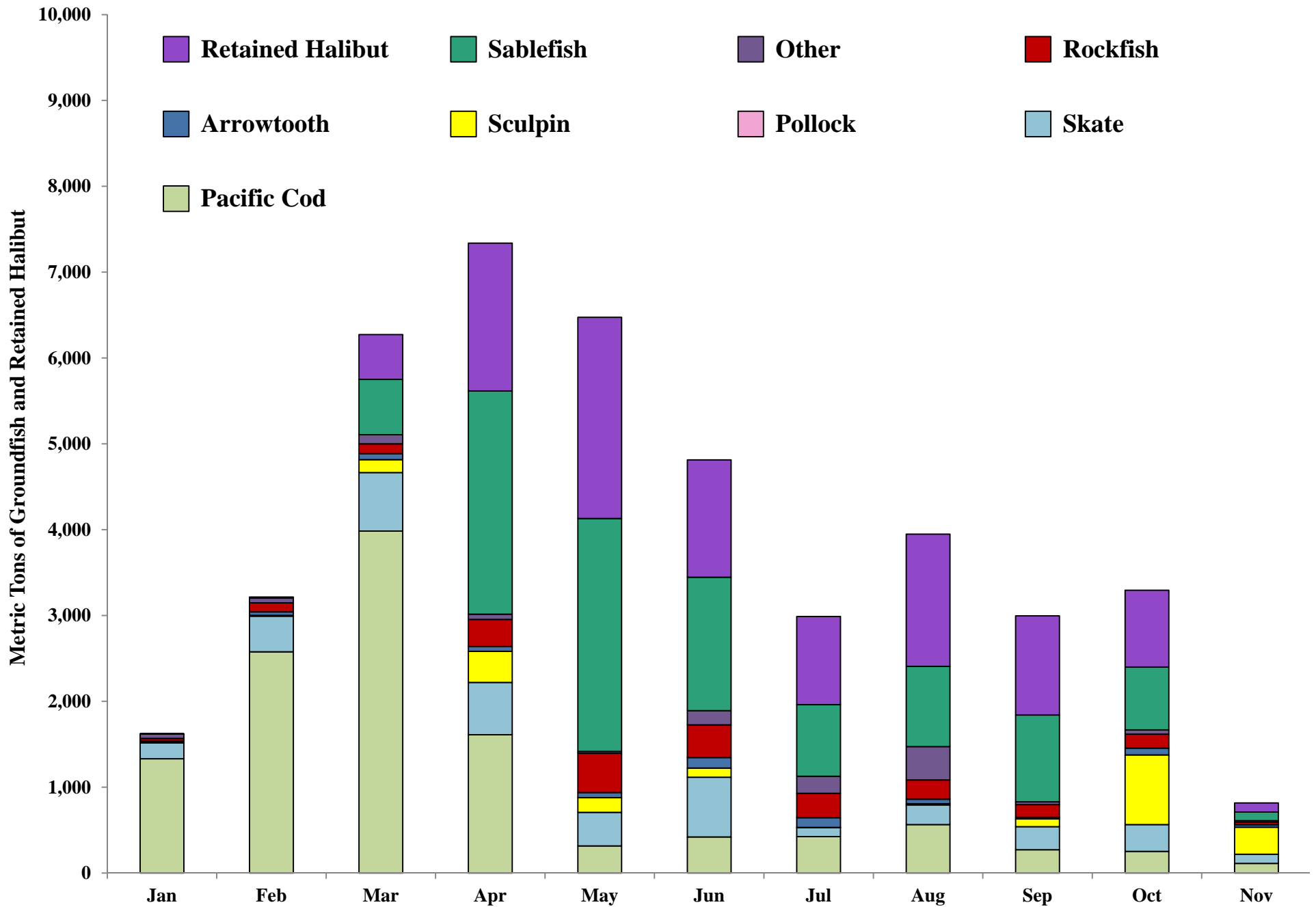
Western GOA Other Rockfish
(slope and demersal shelf)

Central GOA Other Rockfish
(slope and demersal shelf)

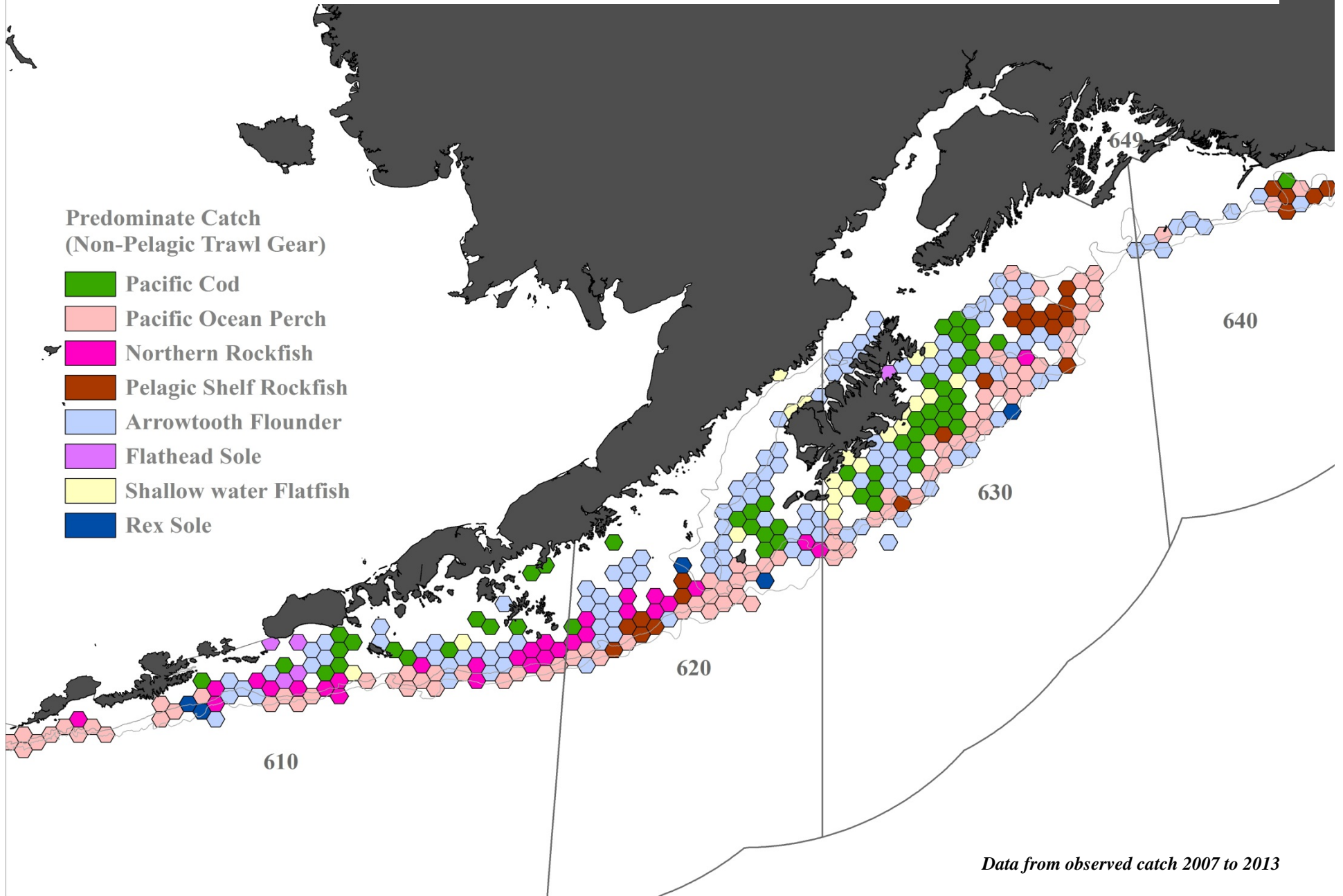
West Yakutat Other Rockfish
(slope rockfish)



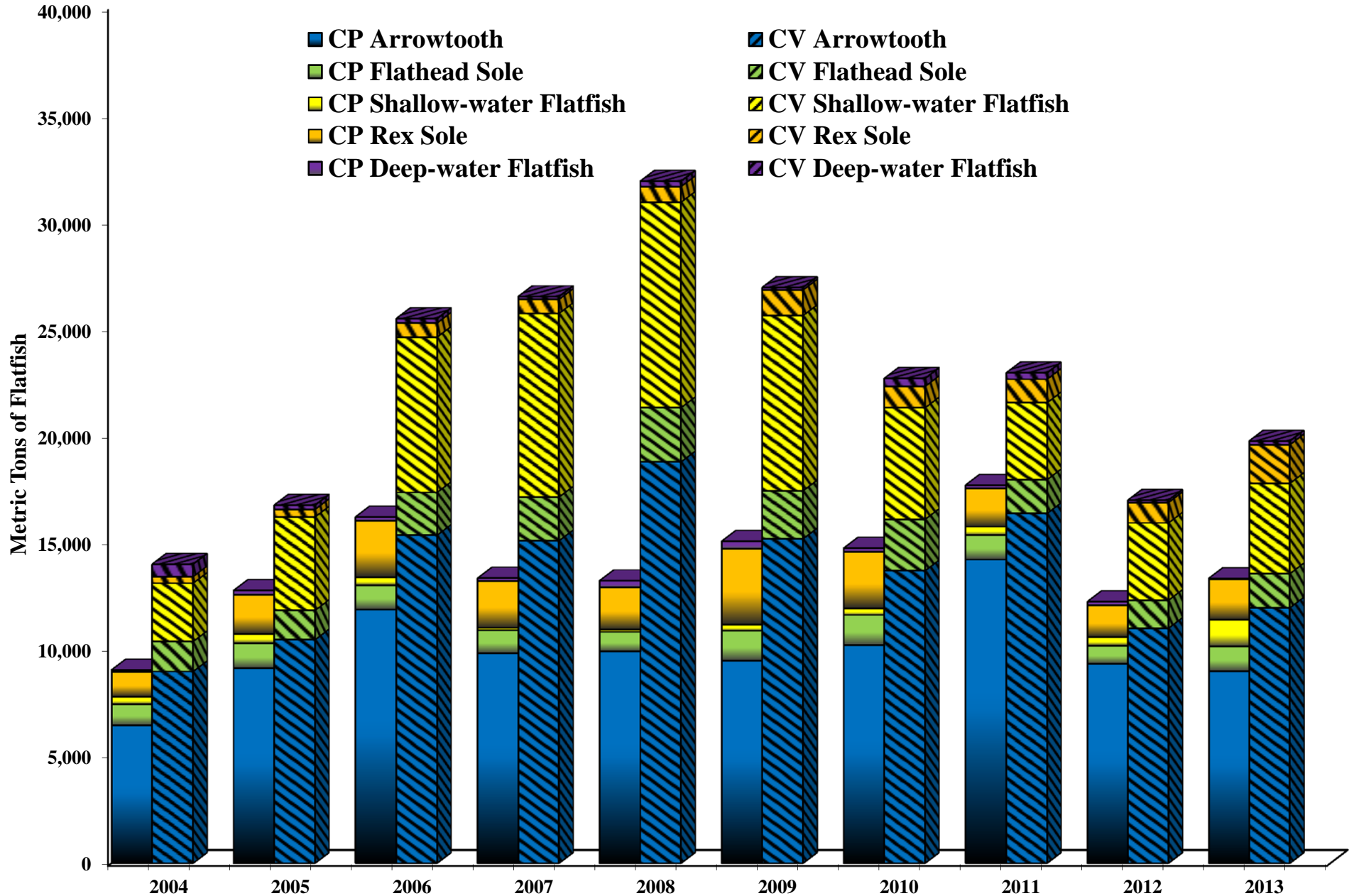
2013 GOA Hook-and-Line Catch



2007-2013 Observed Non Pelagic Trawl Gear Catch



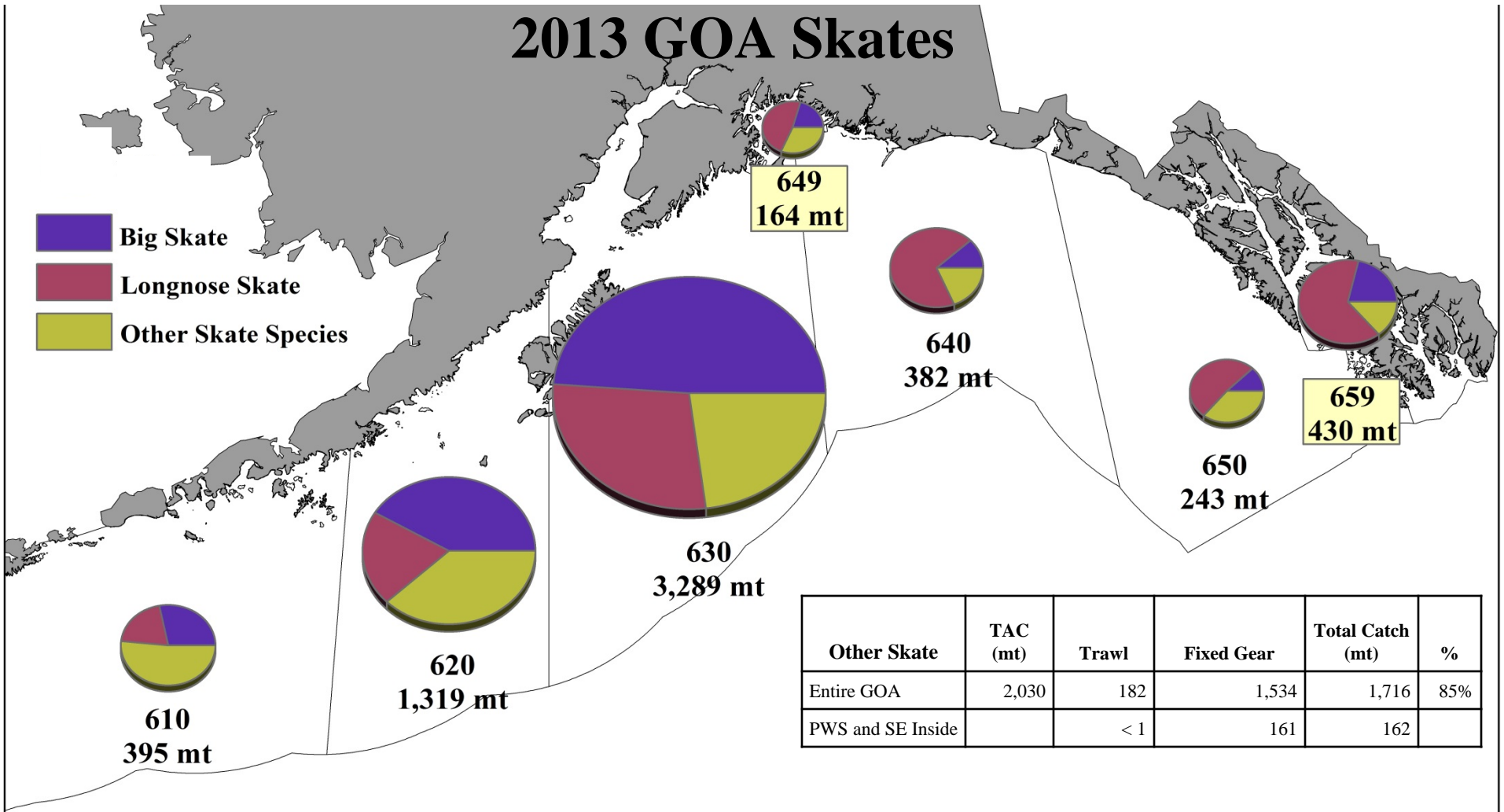
2004-2013 GOA Trawl Flatfish Catch by Species



2013 Flatfish and Skate Catch in the GOA

		TAC (mt)	Total Catch (mt)	%
Arrowtooth Flounder	Central	75,000	20,544	27%
	Western	14,500	850	6%
Flathead Sole	Central	15,400	2,181	14%
	Western	8,650	586	7%
Rex Sole	Central	6,376	3,580	56%
	Western	1,300	104	8%
Shallow Water Flatfish	Central	18,000	5,317	30%
	Western	13,250	155	1%
Deep Water Flatfish	Central	2,308	208	9%
	Western	176	21	12%
Big Skate	Eastern	1,505	73	5%
	Central	1,793	2,232	124%
	Western	469	117	25%
Longnose Skate	Eastern	676	403	60%
	Central	1,879	1,232	66%
	Western	70	87	124%

2013 GOA Skates

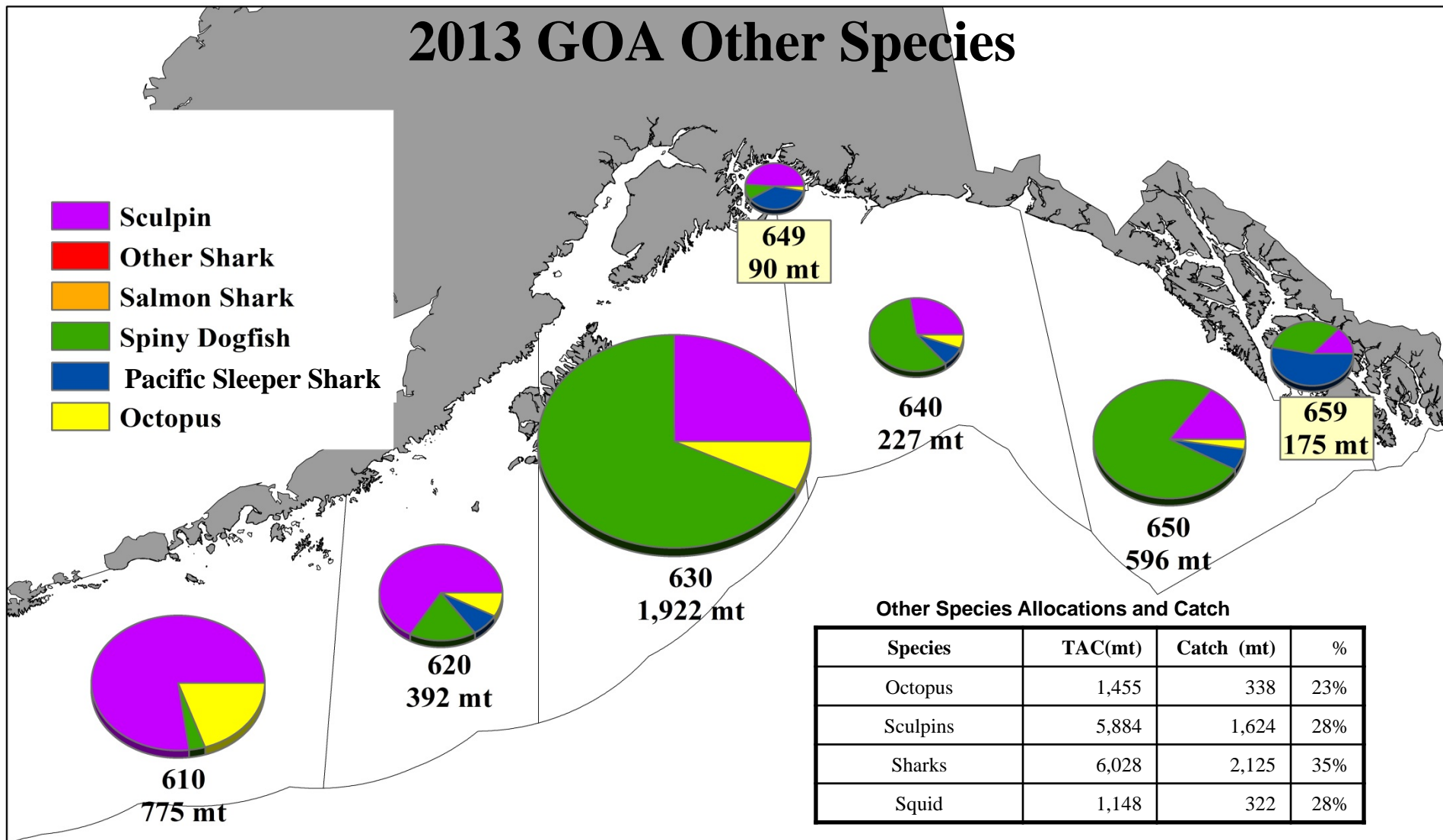


Other Skate	TAC (mt)	Trawl	Fixed Gear	Total Catch (mt)	%
Entire GOA	2,030	182	1,534	1,716	85%
PWS and SE Inside		< 1	161	162	

Big Skate	TAC (mt)	Trawl	Fixed Gear	Total Catch (mt)	%
Eastern GOA	1,505	0	73	73	5%
Central GOA	1,793	1,657	575	2,232	121%
Western GOA	469	10	107	117	24%
TOTAL	3,767	1,667	755	2,422	64%
PWS and SE Inside		0	131	131	

Longnose Skate	TAC (mt)	Trawl	Fixed Gear	Total Catch (mt)	%
Eastern GOA	676	0	403	403	60%
Central GOA	1,879	445	787	1,232	66%
Western GOA	70	3	83	87	124%
TOTAL	2,625	448	1,273	1,722	66%
PWS and SE Inside		< 1	395	395	

2013 GOA Other Species



Other Species Allocations and Catch

Species	TAC(mt)	Catch (mt)	%
Octopus	1,455	338	23%
Sculpins	5,884	1,624	28%
Sharks	6,028	2,125	35%
Squid	1,148	322	28%

	All numbers in mt		Sharks				Squid
	Octopus	Sculpins	Salmon Sharks	Sleeper Sharks	Spiny Dogfish	Other Sharks	
Fixed Gear	322	1,007	0	74	1,719	3	1
Trawl Gear	17	617	8	20	299	4	321
TOTAL	338	1,624	8	94	2,018	7	322
PWS and SE Inside	7	100	< 1	138	113	1	40

GOA Trawl Groundfish Total Catch and Discards

2012 Trawl	Retained	Discards	% retained
Pollock	99,239	1,926	98%
Pacific Cod	19,495	689	97%
Arrowtooth Flounder	15,345	4,981	75%
Pacific Ocean Perch	14,194	716	95%
Shallow-water Flatfish	3,791	225	94%
Northern Rockfish	4,949	110	98%
Rex Sole	2,329	97	96%
Dusky Rockfish	3,839	151	96%
Flathead Sole	2,001	154	93%
Skates	1,737	445	80%
Atka Mackerel	685	490	58%
Sablefish	796	65	92%
Other Species	21	326	6%
Sculpins	93	392	19%
Other Rockfish	417	503	45%
Shortraker Rockfish	301	35	90%
Rougheye Rockfish	356	11	97%
Deep-water Flatfish	74	212	26%
Thornyhead Rockfish	141	56	72%
TOTAL	169,802	11,585	92%

2013 Trawl	Retained	Discards	% retained
Pollock	91,147	2,291	98%
Pacific Cod	19,364	2,255	90%
Arrowtooth Flounder	15,965	4,909	76%
Pacific Ocean Perch	12,166	1,020	92%
Shallow-water Flatfish	5,240	213	96%
Northern Rockfish	4,674	188	96%
Rex Sole	3,614	70	98%
Dusky Rockfish	2,965	146	95%
Flathead Sole	2,439	314	89%
Skates	1,681	615	73%
Atka Mackerel	837	423	66%
Sablefish	799	46	95%
Other Species	308	359	46%
Sculpins	29	588	5%
Other Rockfish	171	349	33%
Shortraker Rockfish	272	96	74%
Rougheye Rockfish	329	21	94%
Deep-water Flatfish	139	78	64%
Thornyhead Rockfish	199	17	92%
TOTAL	162,338	13,998	92%

GOA Hook-and-Line Groundfish Total Catch and Discards

2012

Hook-and-line Gear	Retained	Discards	% retained
Pacific Cod	14,268	255	98%
Sablefish	10,805	287	97%
Skates	992	1,021	49%
Sharks	0	323	0%
Thornyhead	458	138	77%
Sculpins	2	222	1%
Arrowtooth Flounder	40	373	10%
Shortraker Rockfish	203	299	40%
Other Rockfish	122	25	83%
Rougheye Rockfish	139	120	54%
Demersal Shelf Rockfish	192	0	100%
Other Species	143	36	80%
Other Flatfish	0	27	0%
TOTAL	27,365	3,128	90%

Pot Gear	Retained	Discards	% retained
Pacific Cod	14,816	91	99%
Octopus	174	32	84%
Other Species	11	167	6%
TOTAL	15,001	289	98%

2013

Hook-and-line Gear	Retained	Discards	% retained
Pacific Cod	9,597	1,838	84%
Sablefish	10,508	558	95%
Skates	631	3,638	15%
Sharks	2	2,045	0%
Thornyheads	522	454	53%
Sculpins	0	956	0%
Arrowtooth	25	696	3%
Shortraker	172	290	37%
Other Rockfish Species	115	234	33%
Rougheye	131	175	43%
Demersal Shelf Rockfish	235	5	98%
Other Species	75	135	36%
Other Flatfish	2	59	3%
TOTAL	22,035	11,089	67%

Pot Gear	Retained	Discards	% retained
Pacific Cod	15,983	106	99%
Octopus	189	33	85%
Other Species	12	170	7%
TOTAL	16,184	309	98%

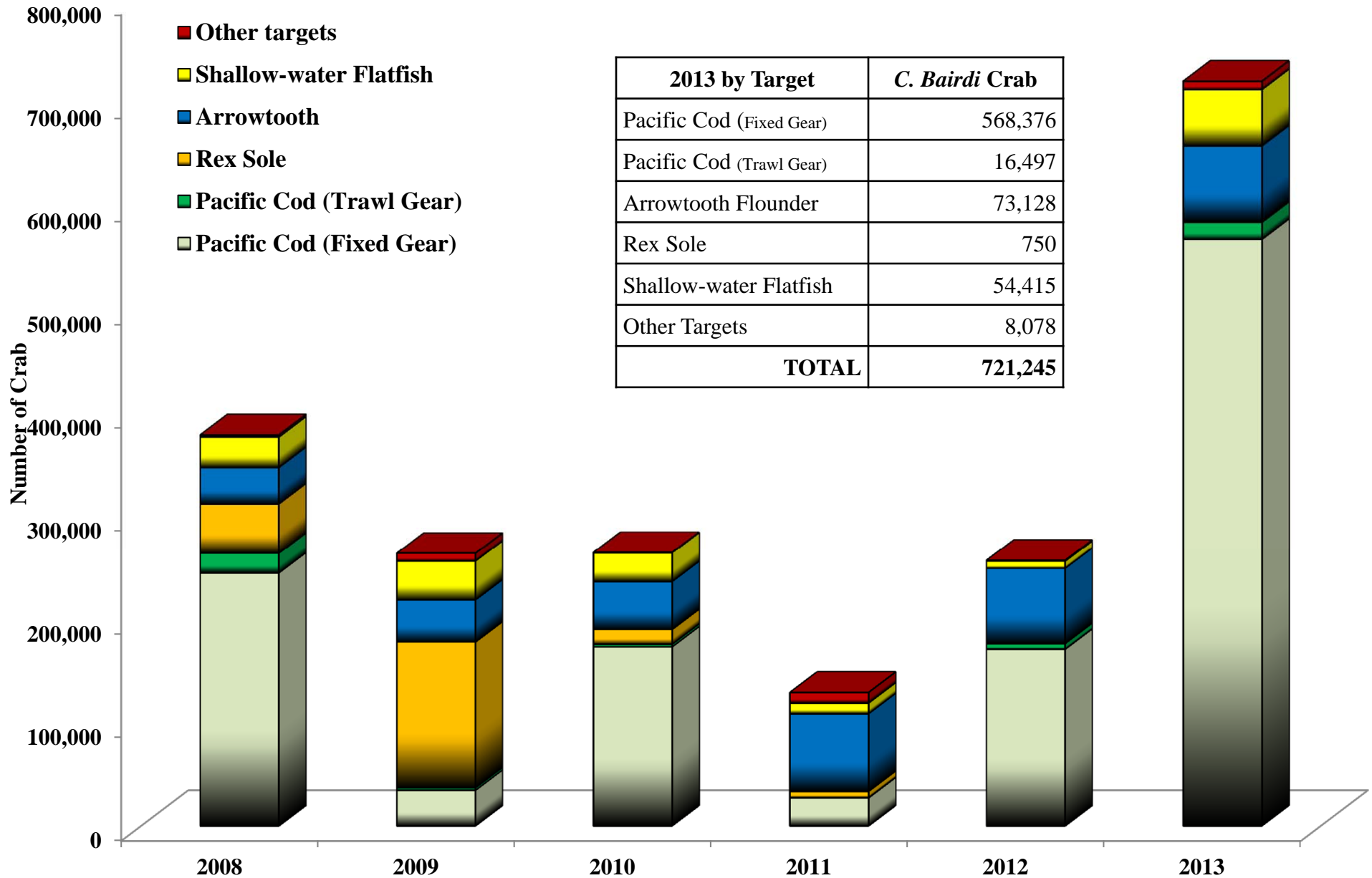
2013 Salmon, Crab, and Herring Catch

Chinook Salmon	Total Catch	Limit	%
Pollock Western GOA (#)	2,203	6,684	33%
Pollock Central GOA (#)	11,333	18,316	62%
Pollock 640 / 649 (#)	275	<i>na</i>	<i>na</i>
Non-pollock Targets (#)	10,295	<i>na</i>	<i>na</i>
TOTAL (#)	24,239	<i>na</i>	<i>na</i>

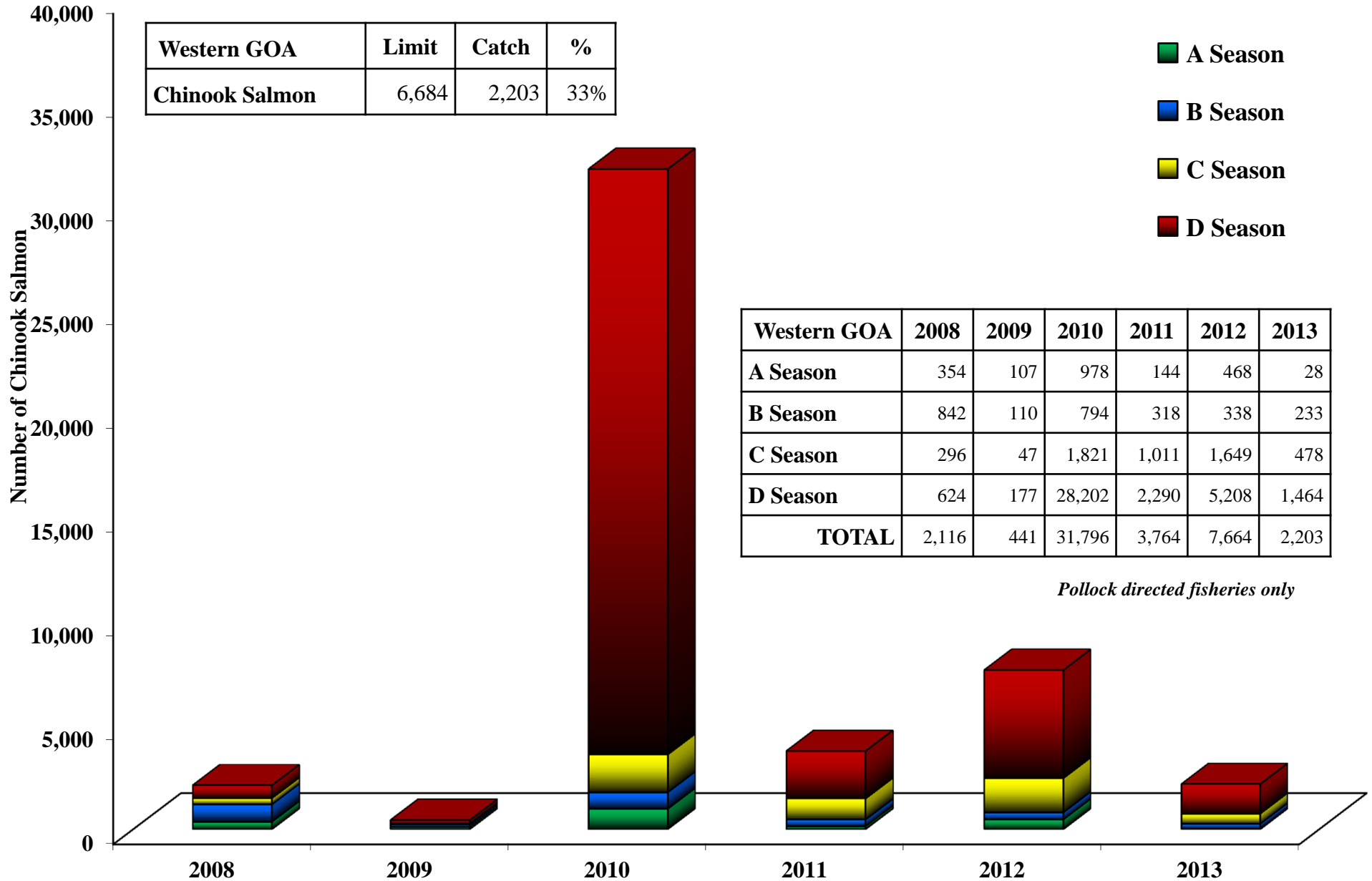
Other PSC Species	Total Catch	Limit	%
Non-Chinook Salmon (#)	6,068	<i>na</i>	<i>na</i>
Trawl Bairdi Tanner (#)	226,201	<i>na</i>	<i>na</i>
Fixed Gear Bairdi Tanner (#)	568,395	<i>na</i>	<i>na</i>
Red King Crab #	50	<i>na</i>	<i>na</i>
Golden King Crab (#)	253	<i>na</i>	<i>na</i>
Herring (mt)	15	<i>na</i>	<i>na</i>



2008-2013 GOA *C. Bairdi* Tanner Crab Incidental Catch by Target



Chinook Salmon PSC in Western GOA Pollock Fisheries

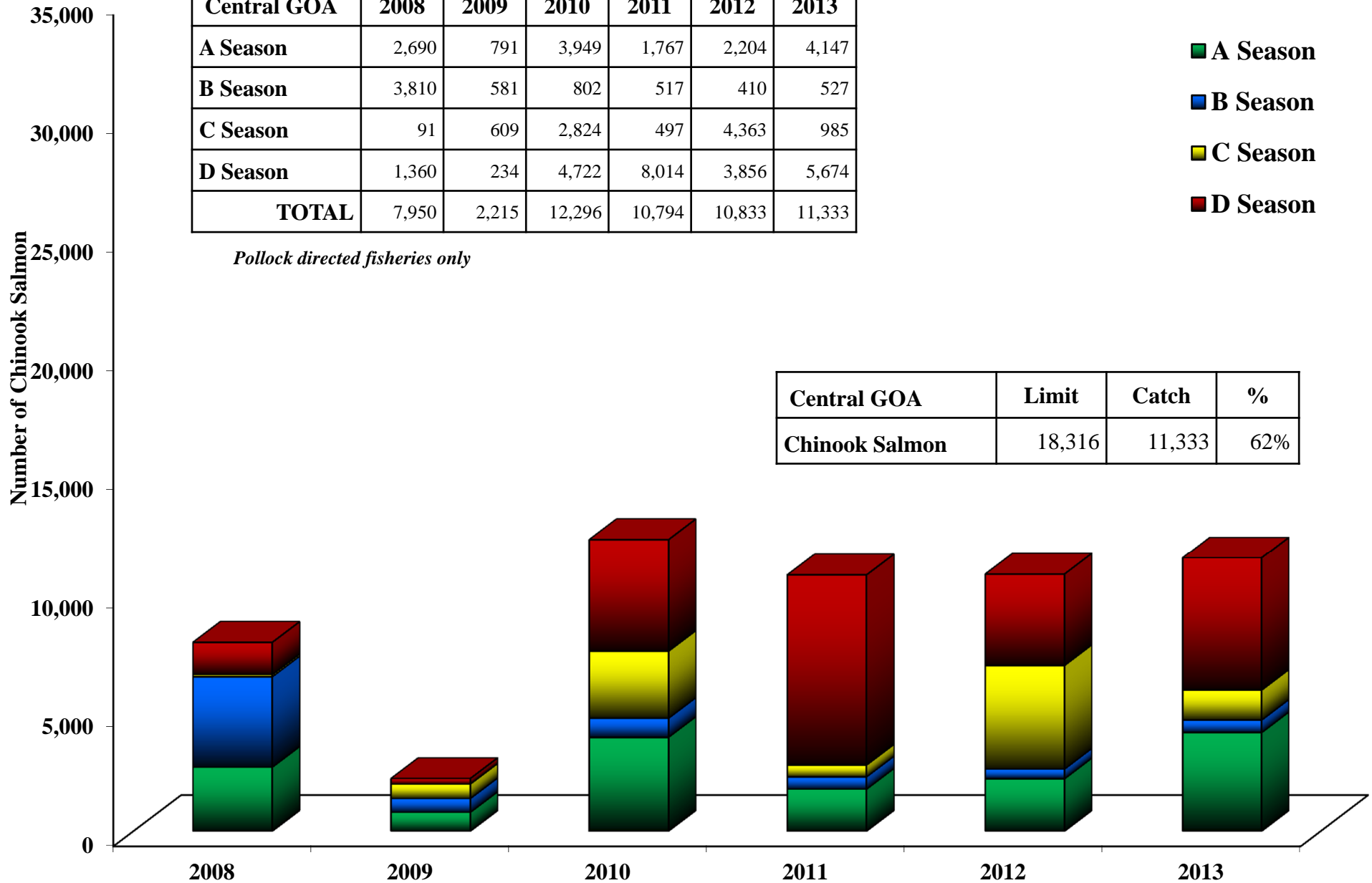


Chinook Salmon PSC in Central GOA Pollock Fisheries

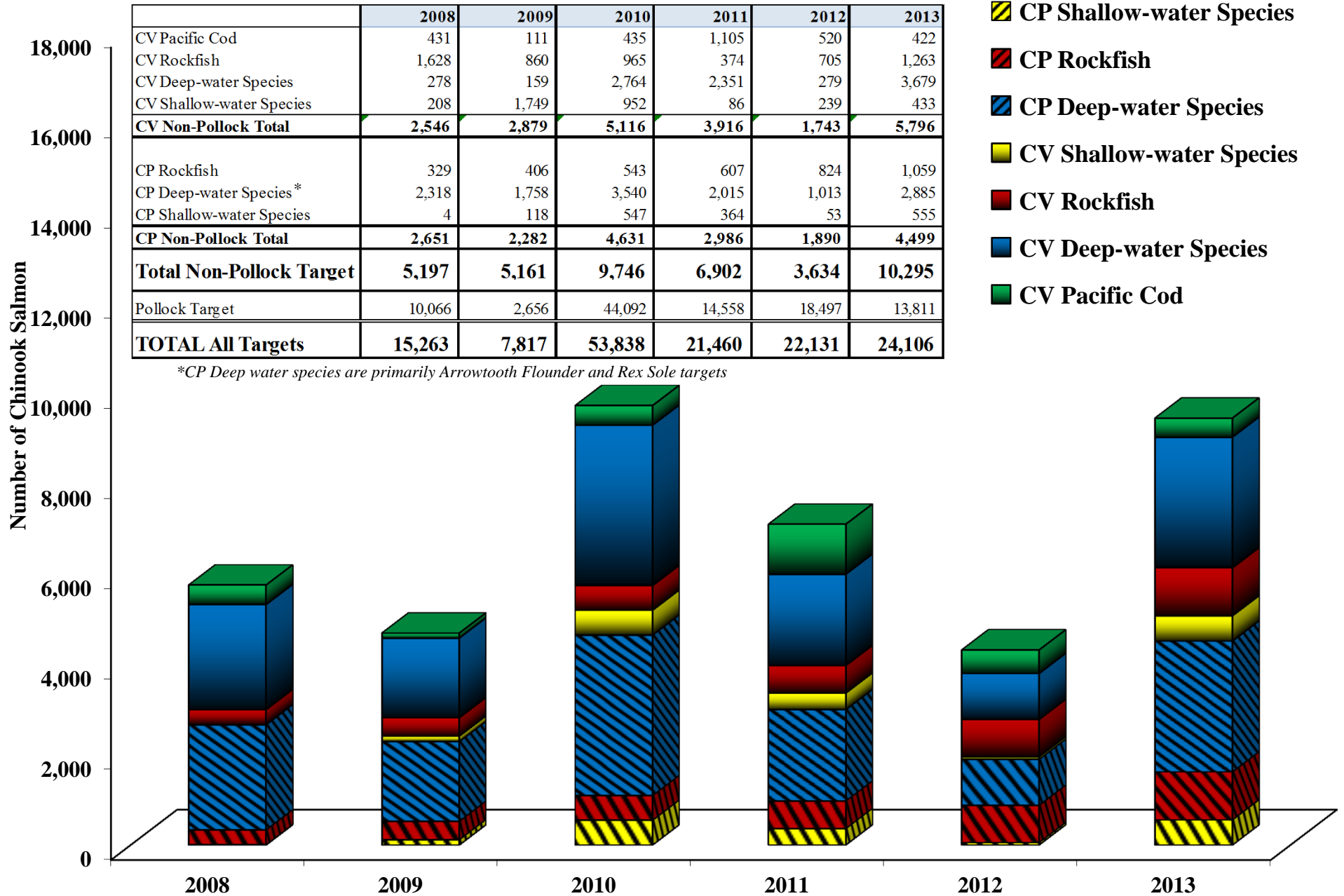
Central GOA	2008	2009	2010	2011	2012	2013
A Season	2,690	791	3,949	1,767	2,204	4,147
B Season	3,810	581	802	517	410	527
C Season	91	609	2,824	497	4,363	985
D Season	1,360	234	4,722	8,014	3,856	5,674
TOTAL	7,950	2,215	12,296	10,794	10,833	11,333

Pollock directed fisheries only

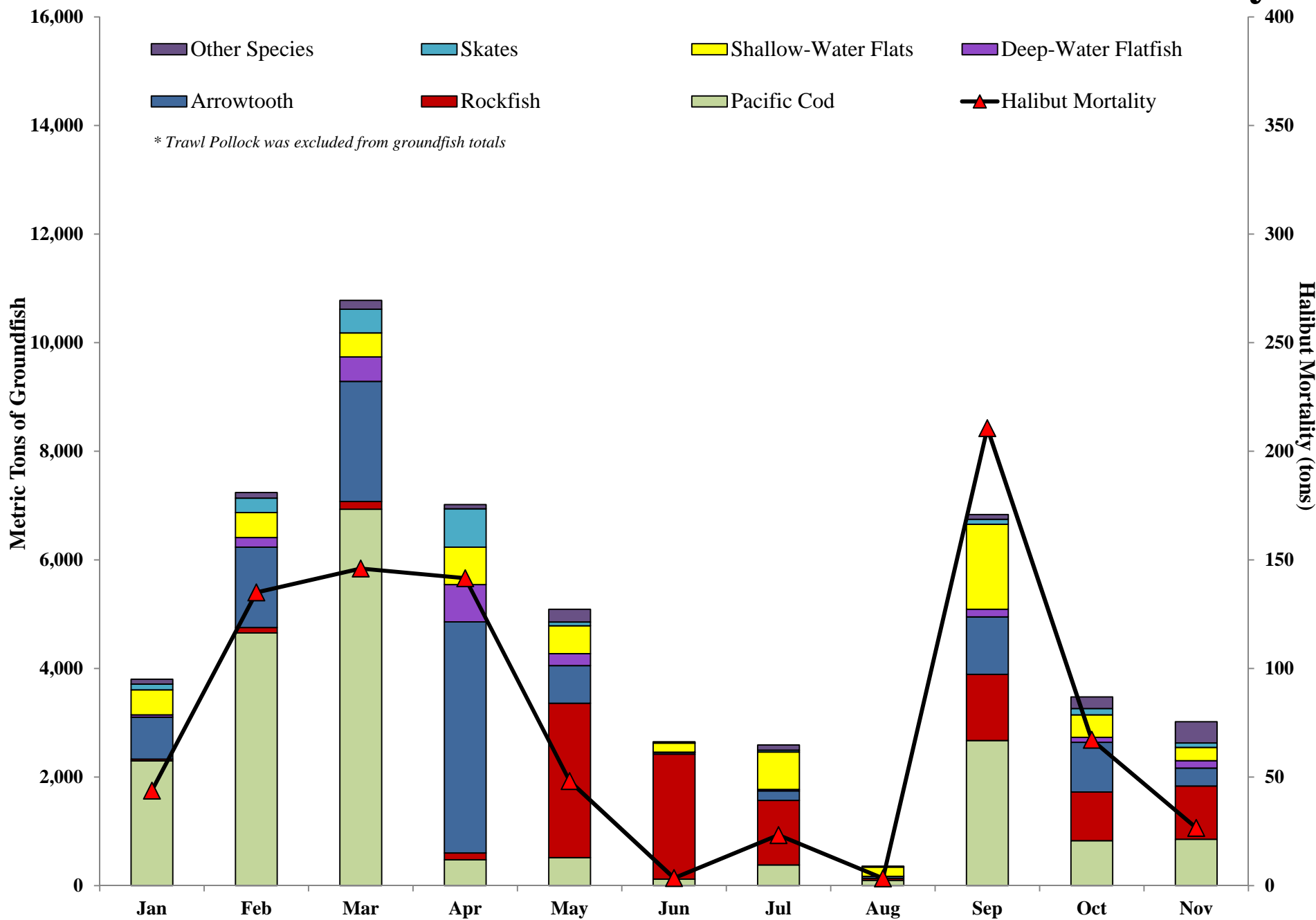
- A Season
- B Season
- C Season
- D Season



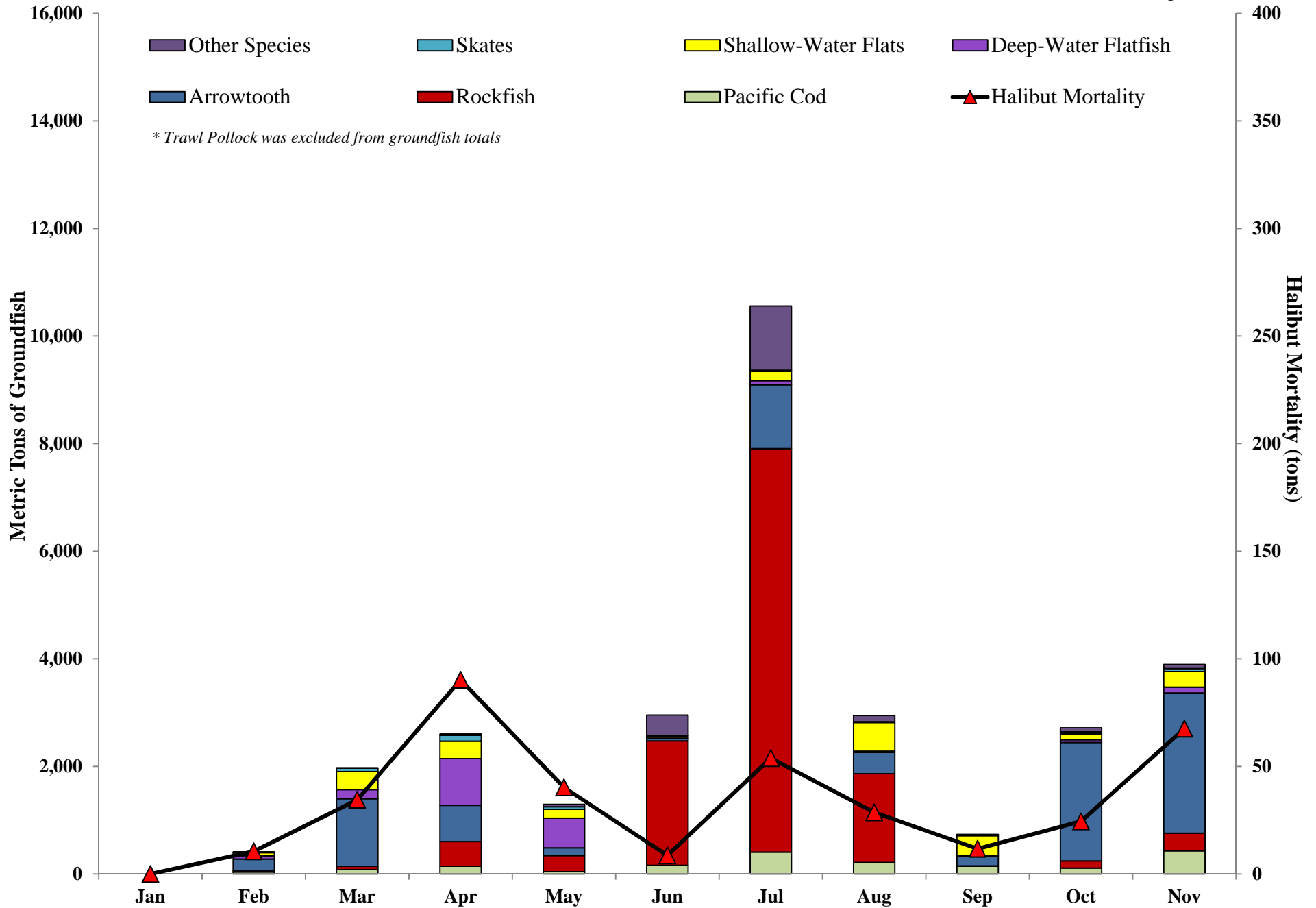
Chinook Salmon PSC in GOA Non-Pollock Fisheries



2013 GOA Shoreside Trawl Catch and Halibut Mortality



2013 GOA CP Trawl Catch and Halibut Mortality



2013 Trawl Halibut Mortality

	Season	Start Date	End Date	Limit (mt)	Total Mortality (mt)	%	
Deep Water Complex	1	Jan 20	Apr 1	99	107	108%	
	2	Apr 1	Jul 1	296	271	91%	
	3	Jul 1	Sep 1	204	36	18%	
	4	Sep 1	Sep 30	0	14	0%	
	TOTAL				599	428	71%
	Shallow Water Complex						
	Season						
	1	Jan 20	Apr 1	444	263	59%	
	2	Apr 1	Jul 1	99	41	42%	
	3	Jul 1	Sep 1	197	46	23%	
	4	Sep 1	Sep 30	148	208	141%	
TOTAL				888	558	63%	
Rockfish Pilot Program				191	62	32%	
Fall Halibut Allocation							
		Oct 1	Nov 1	295	172	58%	
Total Halibut Mortality				1,973	1,220	62%	

2013 GOA Halibut Catch

Hook-and-Line Halibut (mt)	Retained	Discard**	% Discarded	Mortality*	Limit	%
IFQ Halibut Fishery	9,612	8,425	47%	1,348	na	na
IFQ Sablefish Fishery	1,101	1,401	56%	154	na	na
Pacific Cod \ Other Targets	37	1,351	97%	149	290	51%
TOTAL	10,750	11,177	51%	1,651	na	na

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

*Halibut Mortality in IFQ Halibut is 16%, IFQ Sablefish and Pacific cod is 11%.

** 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.



Trawl Halibut (mt)	Total Catch	Mortality	Mortality Limit	%
Pollock	263	162	1,973	8%
Pacific Cod	469	290		15%
Rockfish \ Sablefish	126	84		4%
Arrowtooth Flounder	475	347		18%
Deep Water Flatfish	221	153		8%
Shallow Water Flatfish	276	184		9%
TOTAL	1,830	1,220		1,973