



# **South Atlantic Recreational Landings Update**

## **Snapper-Grouper**

***Southeast Regional Office &  
Southeast Fisheries Science Center***

**SAFMC Meeting  
Kitty Hawk, NC  
Dec 3-7, 2018**

# Notes on Landings Data

- Landings are summarized using MRIP or MRFSS (calibrated from MRIP) depending on how the ACL is calculated.
- Landings estimates were updated by NMFS SERO to be consistent with ACL monitoring (e.g., post-stratification of estimates) and include data through wave 4, 2018 (January 1 through August 31, 2018)
- 2018 effort data used for generating recreational landings came from the mail survey (Fishing Effort Survey) but were converted to phone survey equivalent landings (Coastal Household Telephone Survey)
- All landings include MRFSS/MRIP and also Headboat landings.

# 2017 Landings and ACLs

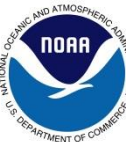
Species Complex	Landings (lbs)	ACL	Units	Data	Percent of ACL	Closure Date
Atlantic spadefish	127,046	661,926	ww	MRIP	19%	
Bar Jack	8,781	49,021	ww	MRIP	18%	
Black Grouper	86,454	165,750	ww	MRFSS	52%	
Blueline tilefish	252,594	87,277	ww	MRIP	289%	9/1/16 - F
Deepwater complex <sup>a</sup>	20,674	38,628	ww	MRIP	54%	
Gag	112,281	331,902	gw	MRIP	34%	
Golden tilefish	1,766	3,019	numbers	MRFSS	58%	
Gray triggerfish	447,836	404,675	ww	MRIP	111%	
Grunts <sup>b</sup>	360,098	618,122	ww	MRIP	58%	
Hogfish NC-GA	580	988	numbers	MRIP	59%	
Hogfish FLK-EFL	31,104	15,689	numbers	MRIP	198%	8/24/17
Jacks <sup>c</sup>	238,194	267,799	ww	MRIP	89%	

\* Deepwater complex<sup>a</sup> - Yellowedge and misty grouper; sand tilefish; queen, silk, and blackfin snapper

\* Grunts<sup>b</sup> - White grunt, margate, sailor's choice, tomtate

\* Jacks<sup>c</sup> - Almaco jack, banded rudderfish, lesser amberjack

\* Landings for gag and black grouper were post-stratified to include landings from the Florida Keys



# 2017 Landings and ACLs

Species Complex	Landings (lbs)	ACL	Units	Data	Percent of ACL	Closure Date
Mutton snapper	494,566	768,857	ww	MRFSS	64%	
Porgies <sup>d</sup>	68,567	106,914	ww	MRIP	64%	
Red Grouper	96,430	436,800	ww	MRFSS	22%	
Red Porgy	78,813	164,000	ww	MRIP	48%	
Red Snapper	14,270	29,656	numbers	MRFSS	48%	
Scamp	91,757	116,369	ww	MRIP	79%	
Shallow water grouper <sup>e</sup>	6,493	48,648	ww	MRIP	13%	
Snappers <sup>f</sup>	946,066	1,169,308	ww	MRIP	81%	
Snowy grouper	1,834	4,819	numbers	MRIP	38%	
Vermilion snapper	317,279	406,080	ww	MRIP	78%	
Wreckfish	0	21,650	ww	MRIP	0%	

\* Porgies<sup>d</sup> Scup, jolthead, knobbed, saucereye, and whitebone porgy

\* Shallow water grouper<sup>e</sup> - Red and rock hind; coney, graysby; yellowfin and yellowmouth grouper

\* Snappers<sup>f</sup> - Gray, lane, and cubera

• Landings for mutton snapper were post-stratified to include landings from the Florida Keys



# 2018 Preliminary Landings and ACLs

Species Complex	Landings (lbs)	ACL	Units	Data	Percent of ACL	Closure Date
Atlantic spadefish	367,990	661,926	ww	MRIP	56%	
Bar Jack	246	49,021	ww	MRIP	1%	
Black Grouper	21,850	165,750	ww	MRFSS	13%	
Blueline tilefish	115,064	87,277	ww	MRIP	132%	9/1/16 - F
Deepwater complex <sup>a</sup>	19,515	38,628	ww	MRIP	51%	
Gag	55,962	348,194	gw	MRIP	16%	
Golden tilefish	1,742	2,187	numbers	MRIP	80%	8/28
Gray triggerfish	199,075	404,675	ww	MRIP	49%	
Grunts <sup>b</sup>	351,824	618,122	ww	MRIP	57%	
Hogfish NC-GA	74	988	numbers	MRIP	7%	
Hogfish FLK-EFL	962	18,617	numbers	MRIP	5%	
Jacks <sup>c</sup>	259,277	267,799	ww	MRIP	97%	

\* Deepwater complex<sup>a</sup> - Yellowedge and misty grouper; sand tilefish; queen, silk, and blackfin snapper

\* Grunts<sup>b</sup> - White grunt, margate, sailor's choice, tomtate

\* Jacks<sup>c</sup> - Almaco jack, banded rudderfish, lesser amberjack

\* Landings for gag and black grouper were post-stratified to include landings from the Florida Keys



# 2018 Preliminary Landings and ACLs

Species Complex	Landings (lbs)	ACL	Units	Data	Percent of ACL	Closure Date
Mutton snapper	54,279	121,318	ww	MRIP	45%	
Porgies <sup>d</sup>	71,209	106,914	ww	MRIP	67%	
Red Grouper	105,911	77,840	ww	MRIP	136%	
Red Porgy	109,405	164,000	ww	MRIP	67%	
Scamp	12,448	116,369	ww	MRIP	11%	
Shallow water grouper <sup>e</sup>	10,477	48,648	ww	MRIP	22%	
Snappers <sup>f</sup>	716,747	1,169,308	ww	MRIP	61%	
Snowy grouper	2,725	4,983	numbers	MRIP	55%	
Vermilion snapper	255,154	406,080	ww	MRIP	63%	
Wreckfish	0	20,315	ww	MRIP	0%	

\* Porgies<sup>d</sup> Scup, jolthead, knobbed, saucereye, and whitebone porgy

\* Shallow water grouper<sup>e</sup> - Red and rock hind; coney, graysby; yellowfin and yellowmouth grouper

\* Snappers<sup>f</sup> - Gray, lane, and cubera

• Landings for mutton snapper were post-stratified to include landings from the Florida Keys



# 2016/17 Landings and ACLs

Species Complex	Fishing Year	Landings (lbs)	ACL	Units	Data	Percent of ACL	Closure Date
Greater Amberjack*	Mar 1-Feb 28	1,226,054	1,167,837	ww	MRFSS	105%	
Black Sea Bass**	Apr 1-Mar 31	329,455	1,001,177	ww	MRIP	33%	
Yellowtail Snapper* <sup>1</sup>	Aug 1-Jul 31	681,806	1,440,990	ww	MRFSS	47%	

\* Greater amberjack and yellowtail snapper landings include post-stratified MRFSS landings from Florida Keys.

\*\*Black sea bass landings exclude post-stratified MRIP landings from north of Cape Hatteras

<sup>1</sup> Yellowtail snapper fishing seasons were modified in Regulatory Amendment 25

# 2017/18 Preliminary Landings and ACLs

Species Complex	Fishing Year	Landings (lbs)	ACL	Units	Data	Percent of ACL	Closure Date
Greater Amberjack*	Mar 1-Feb 28	1,216,912	1,167,837	ww	MRFSS	104%	10/31/17
Black Sea Bass**	Apr 1-Mar 31	246,889	1,001,177	ww	MRIP	23%	
Yellowtail Snapper	Aug 1-Jul 31	507,865	1,440,990	ww	MRFSS	35%	

\* Greater amberjack and yellowtail snapper landings include post-stratified MRFSS landings from Florida Keys.

\*\*Black sea bass landings exclude post-stratified MRIP landings from north of Cape Hatteras



# 2018/19 Preliminary Landings and ACLs

Species Complex	Fishing Year	Landings (lbs)	ACL	Units	Data	Percent of ACL	Closure Date
Greater Amberjack*	Mar 1-Feb 28	466,270	1,167,837	ww	MRFSS	40%	
Black Sea Bass**	Apr 1-Mar 31	143,668	1,001,177	ww	MRIP	14%	
Yellowtail Snapper	Aug 1-Jul 31	55,958	1,440,990	ww	MRFSS	4%	

\* Greater amberjack and yellowtail snapper landings include post-stratified MRFSS landings from Florida Keys.

\*\*Black sea bass landings exclude post-stratified MRIP landings from north of Cape Hatteras

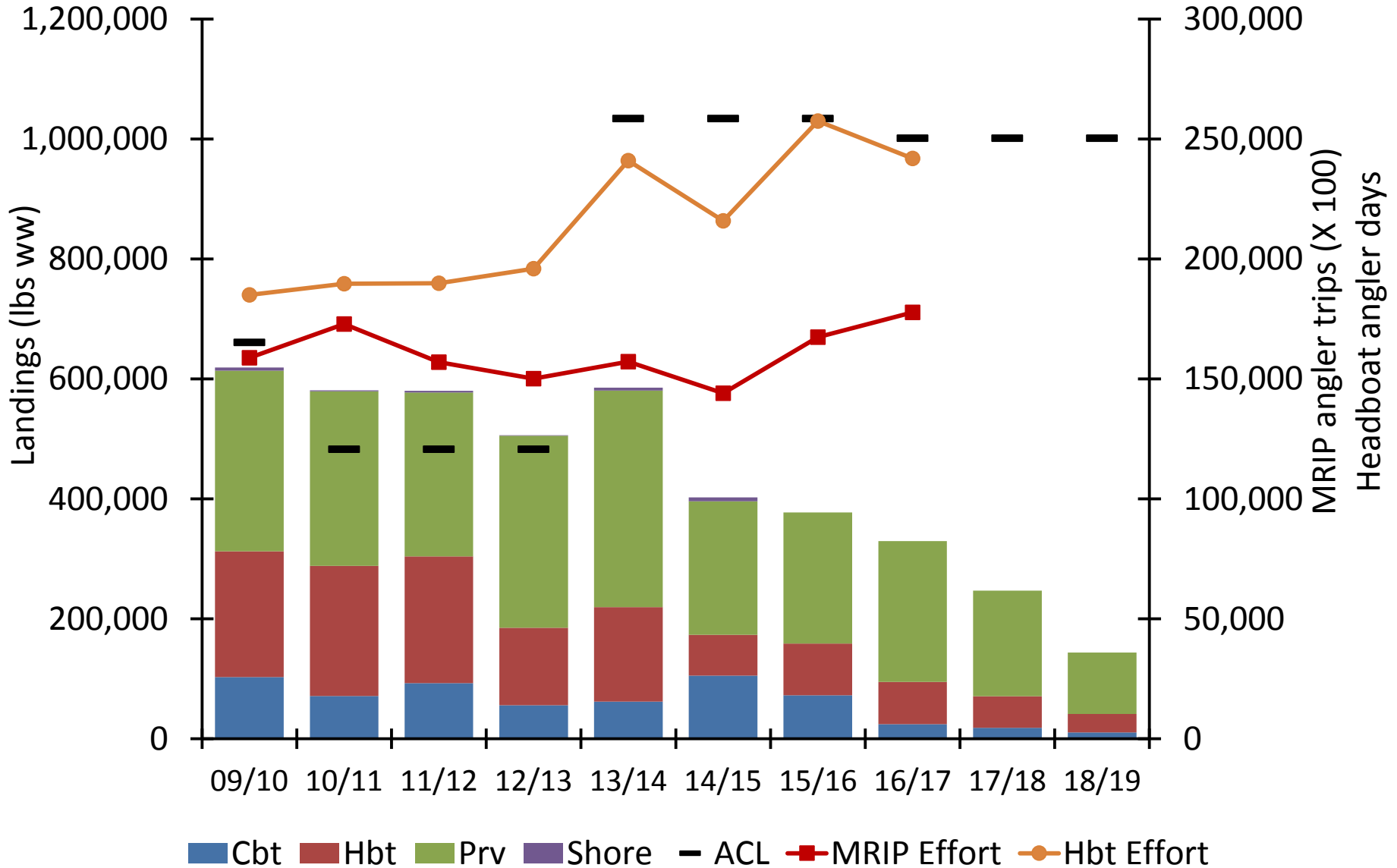
# Black Sea Bass Rec Landings (lbs ww)

Fishing Year	Charter	Headboat	Private	Shore	Total
09/10	102,970	209,513	301,492	5,034	619,010
10/11	71,460	216,893	291,027	1,774	581,154
11/12	92,566	211,443	273,541	2,628	580,177
12/13	55,894	129,201	320,219	654	505,967
13/14	62,089	157,458	360,930	4,880	585,357
14/15	105,305	68,194	222,291	6,689	402,479
15/16	72,502	86,139	218,575	0	377,216
16/17	24,190	70,467	234,798	0	329,455
17/18	18,127	52,807	175,954	0	246,889
18/19	10,549	30,729	102,390	0	143,668

- Fishing year June 1-May 31 for 04/05 to 13/14, but changed to April 1 to March 31 in 14/15 due to Regulatory Amendment 14
- Area: NC to FLE (excludes post-stratified MRFSS/MRIP landings north of Cape Hatteras)
- MRFSS data from 2004/05 to 2012/13 (gray cells); MRIP data for 2013/14 through 2018/19



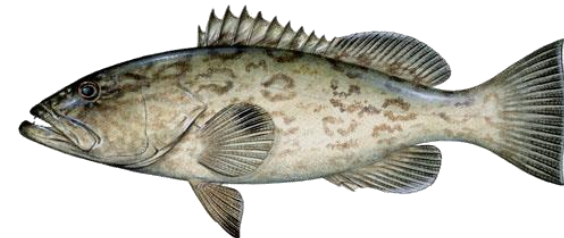
# Black Sea Bass



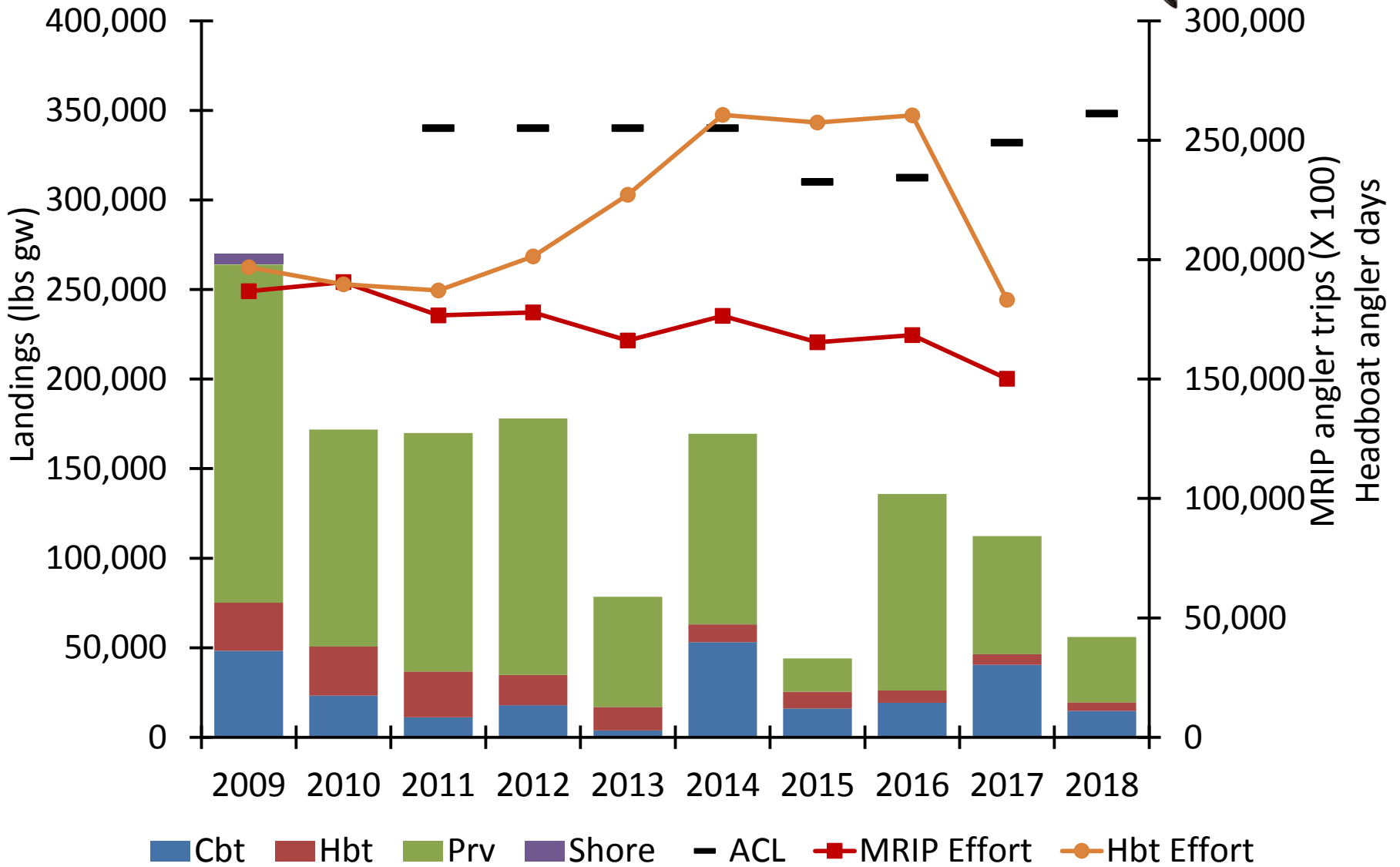
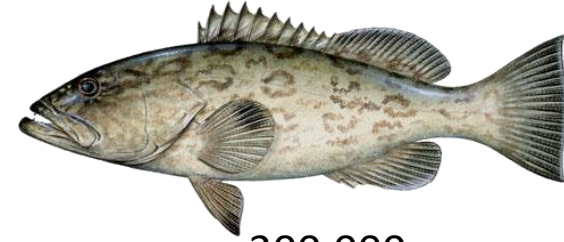
# Gag Grouper Rec Landings (lbs gw)

Fishing Year	Charter	Headboat	Private	Shore	Total
2009	48,350	26,742	188,883	5,948	269,924
2010	23,263	27,428	121,149	0	171,841
2011	11,174	25,522	133,158	0	169,854
2012	17,867	16,868	143,331	0	178,066
2013	3,807	13,077	61,587	0	78,471
2014	53,171	9,832	106,445	0	169,447
2015	16,037	9,413	18,633	0	44,083
2016	19,230	6,959	109,672	0	135,861
2017	40,423	5,983	65,875	0	112,281
2018	14,749	4,828	36,385	0	55,962

\* Area: NC to FLE (includes post-stratified MRFSS/MRIP landings from Florida Keys)  
MRFSS from 2007 through 2014 (gray cells) then MRIP for 2015 through 2018



# Gag



# Greater Amberjack Rec Landings (lbs ww)

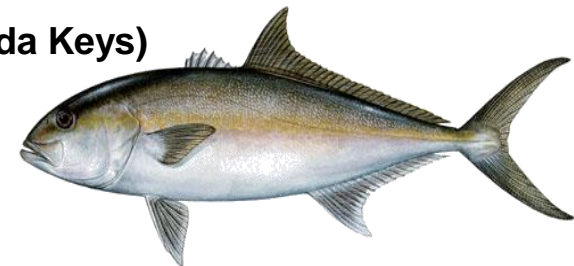
Fishing Year	Charter	Headboat	Private	Shore	Total
09/10	583,288	86,987	666,726	0	1,337,001
10/11	428,073	75,268	509,443	0	1,012,784
11/12	293,926	37,577	248,161	28,891	608,556
12/13	1,157,984	37,941	268,847	0	1,464,773
13/14	340,715	84,685	386,480	0	811,880
14/15	401,150	71,793	395,800	0	868,743
15/16	645,158	130,471	431,726	0	1,207,355
16/17	655,150	132,492	438,412	0	1,226,054
17/18	650,265	131,504	435,143	0	1,216,912
18/19	249,155	50,387	166,729	0	466,270

\* Fishing year is May1-April 30 for 04/05 to 13/14, but changed to May 1 to February 28 in 14/15 due to Regulatory Amendment 14

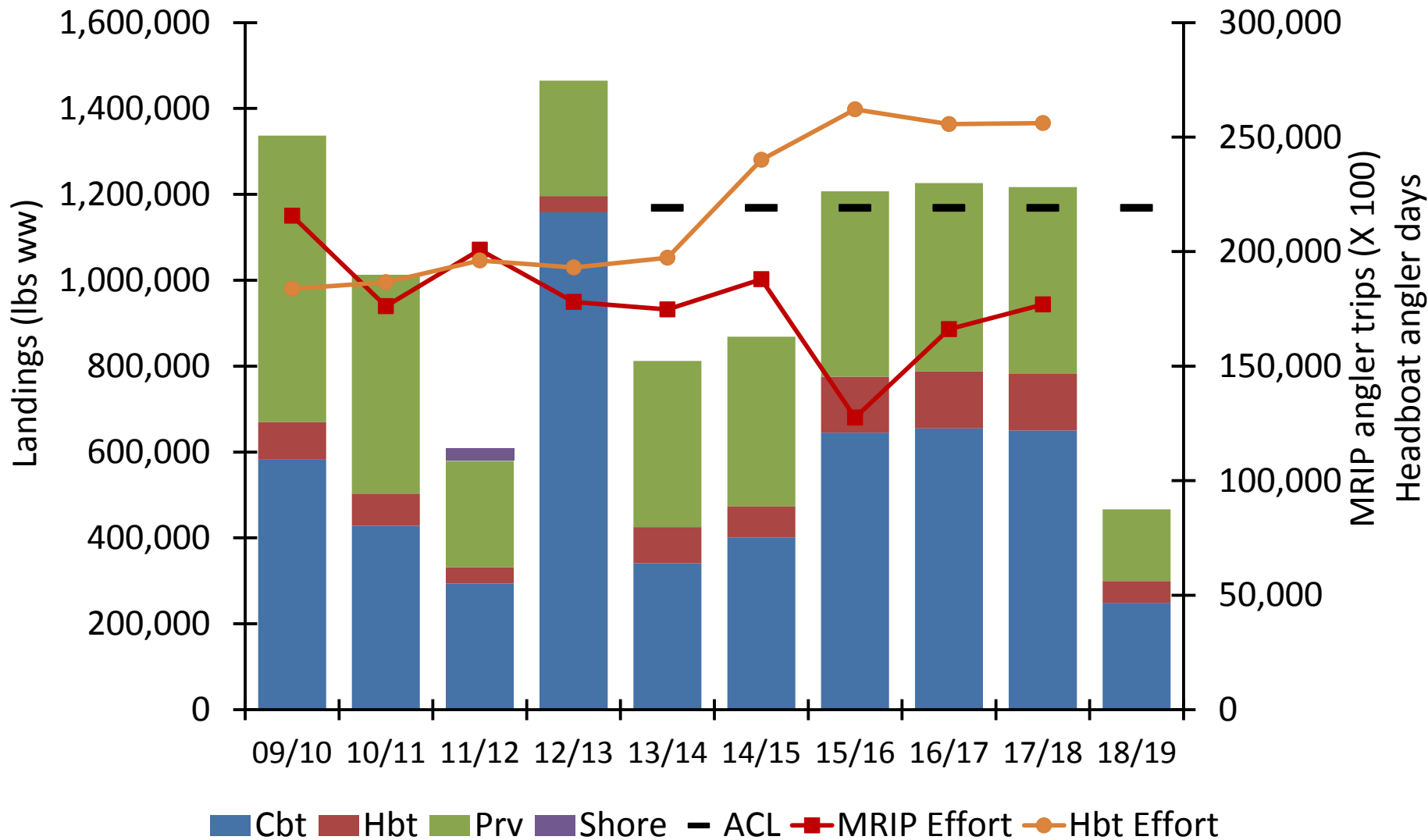
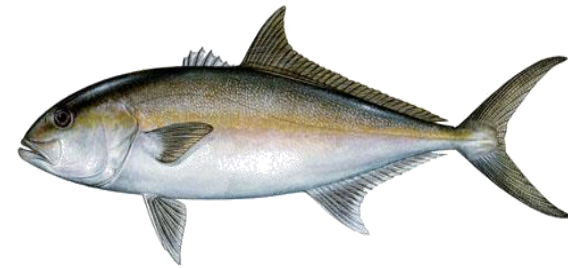
\* Area: NC to FLE (includes post-stratified MRFSS landings from Florida Keys)

\* 2017/18 and 2018/2019 landings are preliminary

\* All landings are in MRFSS



# Greater Amberjack



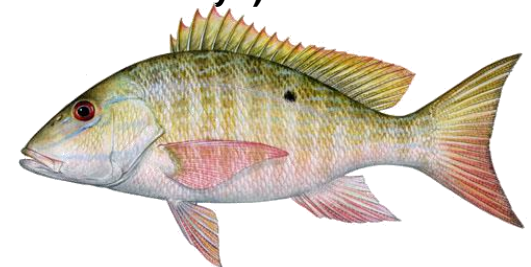
# Mutton Snapper Rec Landings (lbs ww/numbers)

Fishing Year	Charter	Headboat	Private	Shore	Total
2009	70,382	72,386	277,857	15,490	436,116
2010	60,230	49,645	420,655	38,942	569,471
2011	79,066	53,171	129,696	19,313	281,247
2012	184,174	74,640	212,602	5,606	477,022
2013	96,018	51,972	315,462	18,279	481,731
2014	57,425	83,648	265,380	111,866	518,319
2015	169,159	73,369	307,411	96,509	646,447
2016	148,848	88,782	262,221	108,630	608,480
2017	40,359	60,608	370,666	22,933	494,566
2018	11,727	9,178	33,149	225	54,279

\* Area: NC to FLE (includes post-stratified MRFSS landings from Florida Keys)

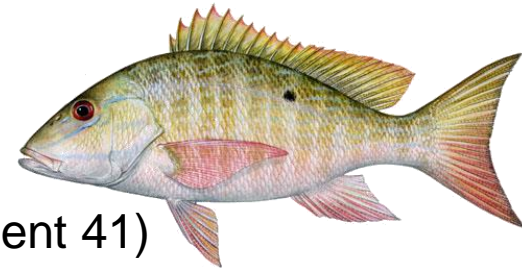
Landings are in MRFSS but start as MRIP in 2018

\*2018 landings are in numbers of fish

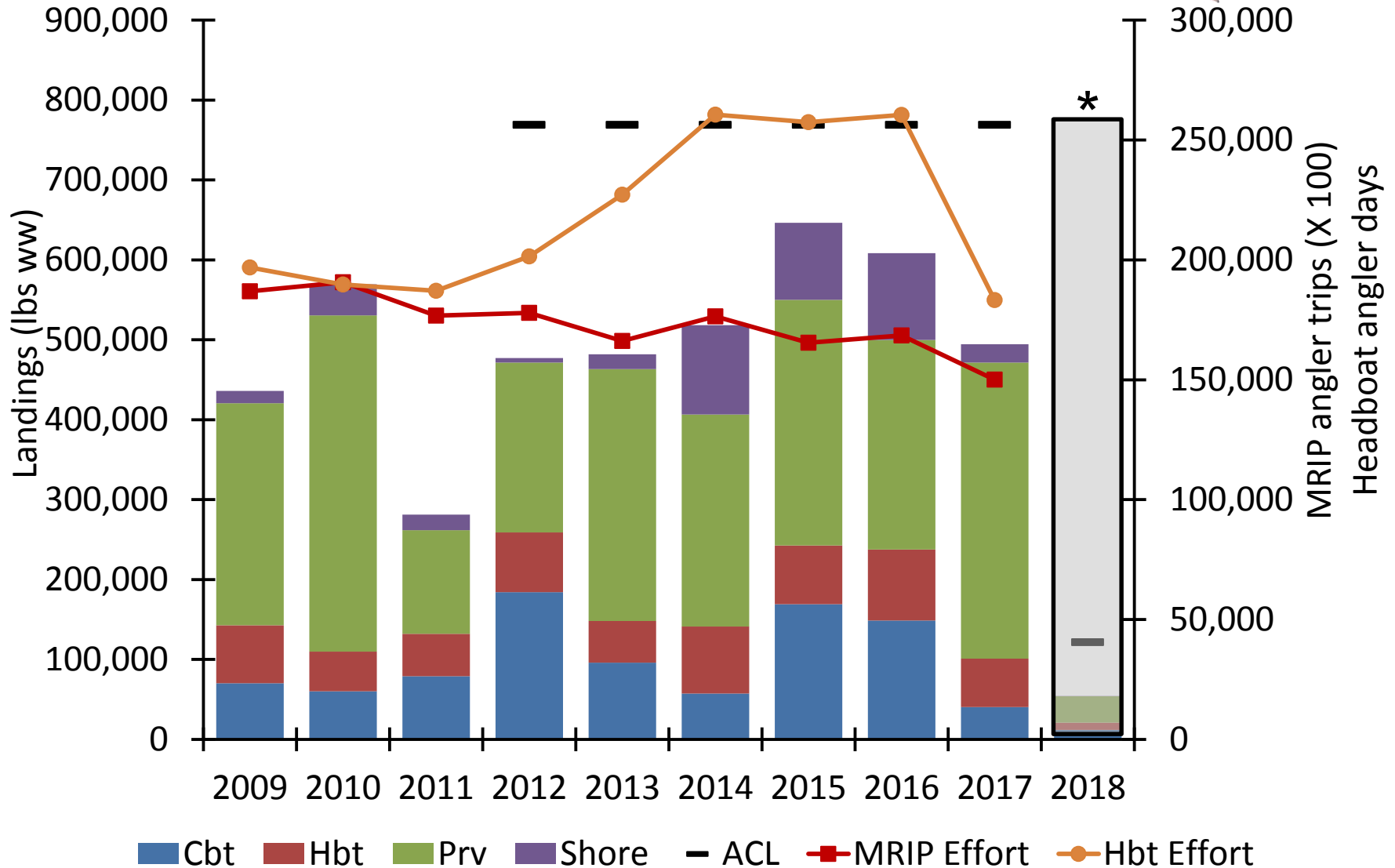




# Mutton Snapper



\* 2018 ACL switched from pounds to numbers (Amendment 41)



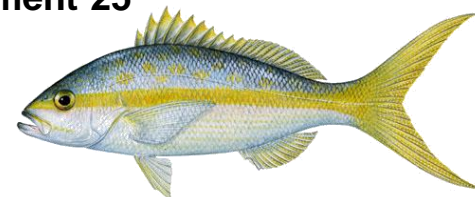
# Yellowtail Snapper Rec Landings (lbs ww)

Fishing Year	Charter	Headboat	Private	Shore	Total
2009	97,299	75,073	174,821	1,343	348,536
2010	138,801	85,552	208,675	1,231	434,259
2011	115,057	85,024	190,916	0	390,998
2012	170,242	116,524	158,662	3,609	449,037
2013	308,458	108,882	238,067	10,619	666,027
2014	286,975	159,307	410,939	76,058	933,279
2015	311,700	141,705	244,235	3,613	701,252
2016	293,051	176,540	279,604	11,467	760,663
16/17	271,101	163,317	258,661	10,608	703,688
17/18	195,659	117,869	186,681	7,656	507,865

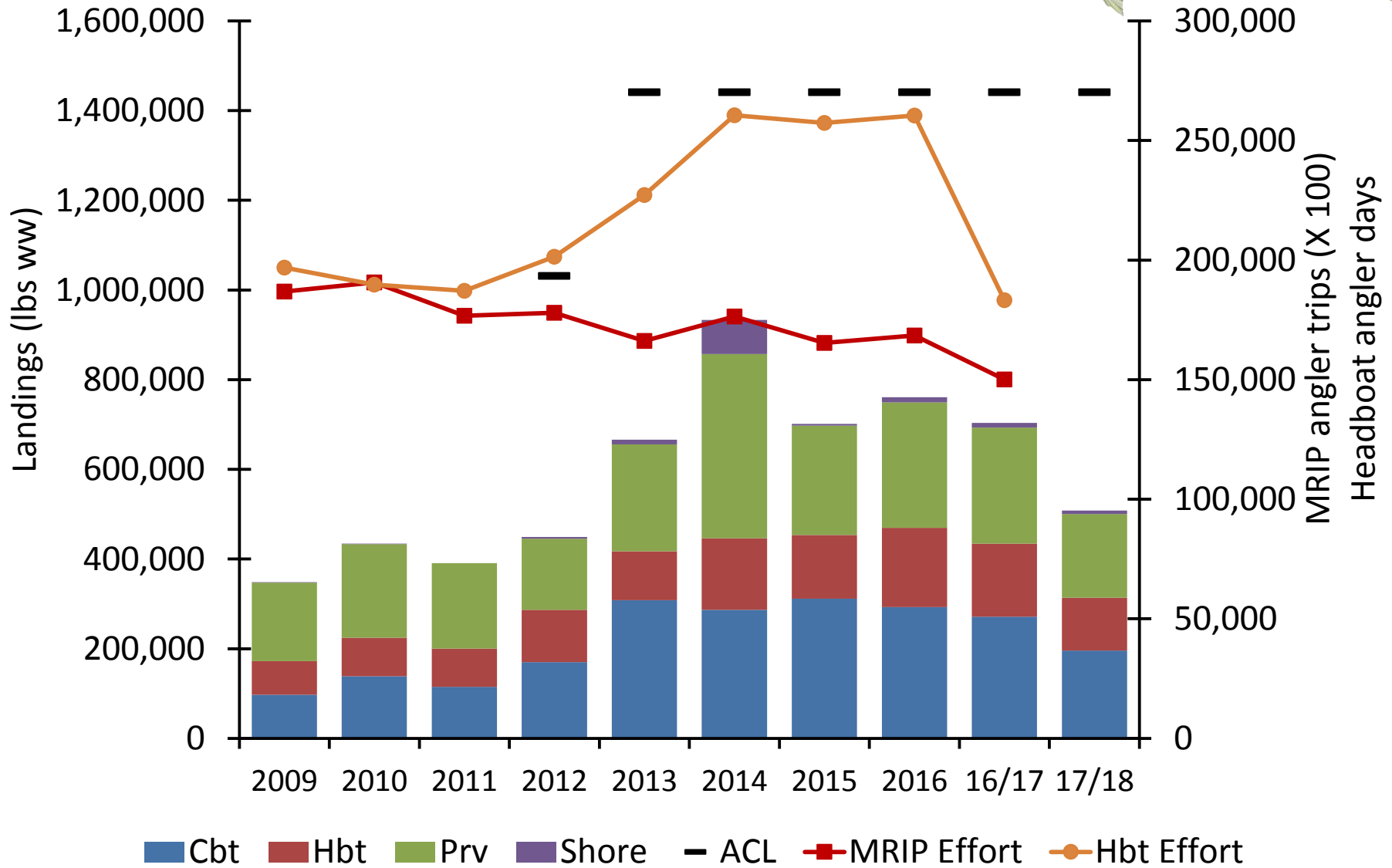
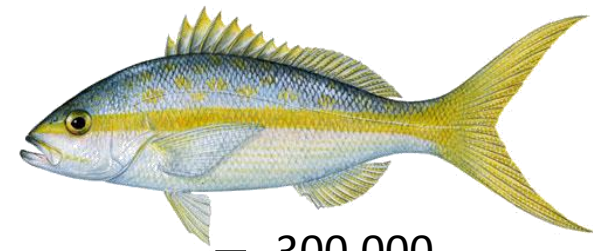
\* Area: NC to FLE (includes post-stratified MRFSS landings from Florida Keys)

All landings are in MRFSS

\* Yellowtail snapper fishing seasons were modified in Regulatory Amendment 25 from January 1 to December 31 to August 1 to July 31 in 2016



# Yellowtail Snapper

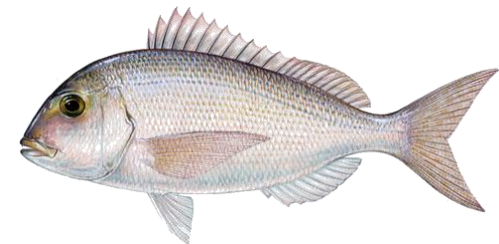


# Red Porgy Rec Landings (lbs ww)

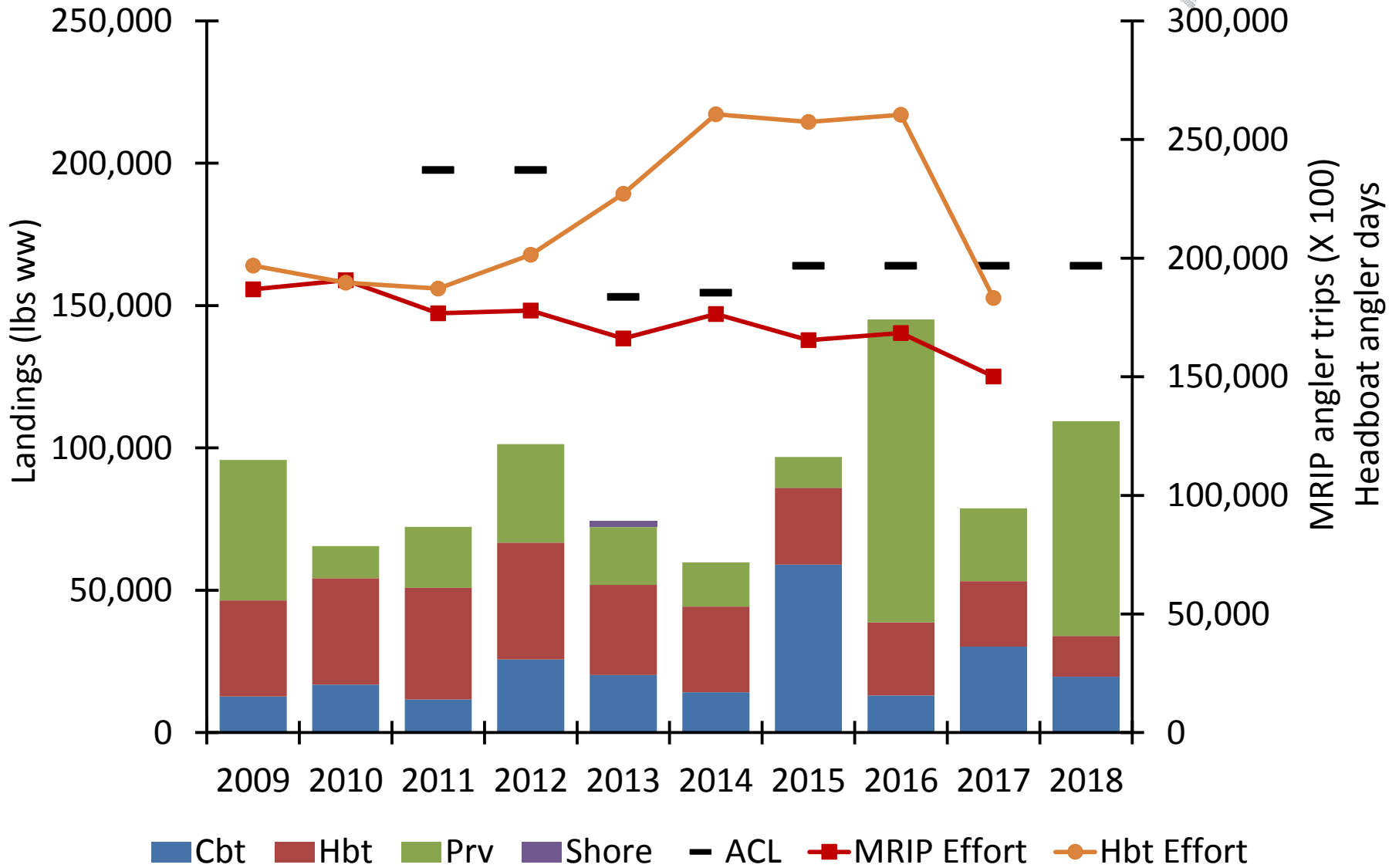
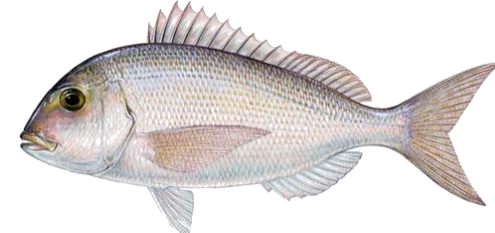
Fishing Year	Charter	Headboat	Private	Shore	Total
2009	12,720	33,752	49,300	0	95,772
2010	16,848	37,413	11,291	0	65,553
2011	11,685	39,191	21,421	0	72,297
2012	25,686	41,086	34,527	0	101,299
2013	20,217	31,716	20,276	1,969	74,178
2014	14,198	30,041	15,548	0	59,788
2015	59,027	26,916	10,848	0	96,791
2016	13,027	25,717	106,430	0	145,174
2017	30,189	23,042	25,583	0	78,814
2018	19,609	14,366	75,431	0	109,405

\* Area: NC to FLE

\* MRFSS data from 2007 to 2012; MRIP data for 2013 to 2018.



# Red Porgy

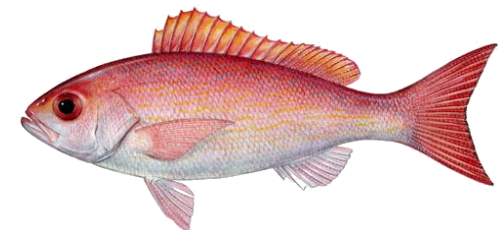


# Vermilion Snapper Rec Landings (lbs ww)

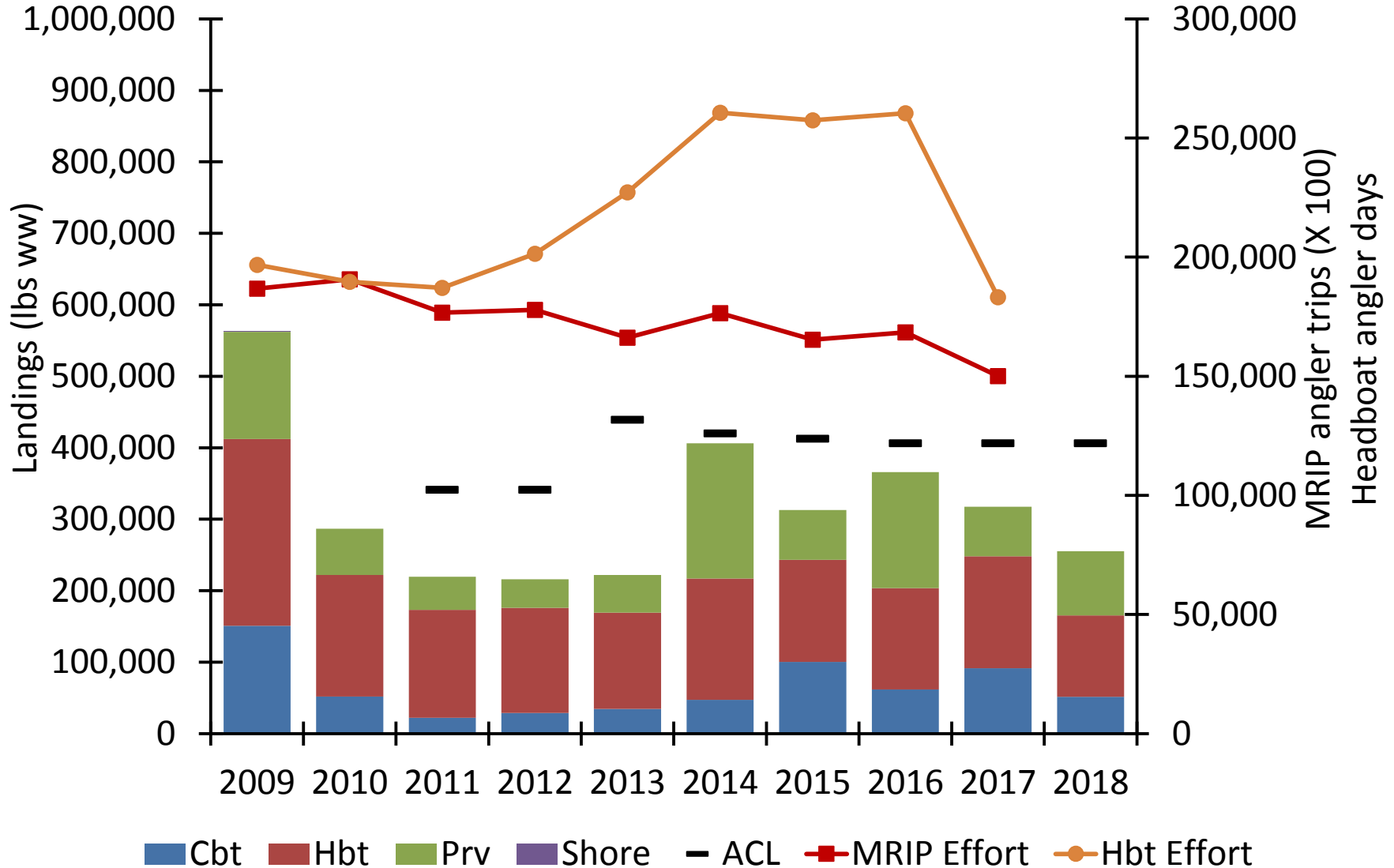
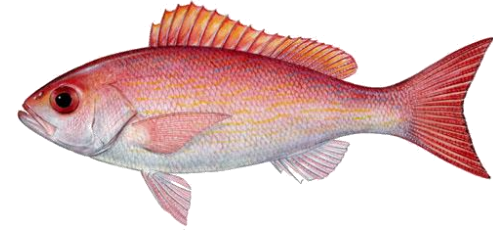
Fishing Year	Charter	Headboat	Private	Shore	Total
2009	150,941	261,107	149,980	0	562,027
2010	51,950	169,859	64,897	0	286,706
2011	22,214	151,075	46,106	0	219,395
2012	29,025	147,059	39,811	0	215,894
2013	34,577	134,834	52,548	0	221,960
2014	47,179	169,801	189,090	0	406,070
2015	100,433	142,800	69,624	0	312,857
2016	61,642	141,782	162,639	0	366,063
2017	91,311	156,993	68,975	0	317,279
2018	51,392	113,979	89,782	0	255,154

\* Area: NC to FLE

\* MRFSS data from 2007 to 2012; MRIP data for 2013 to 2018.



# Vermilion Snapper

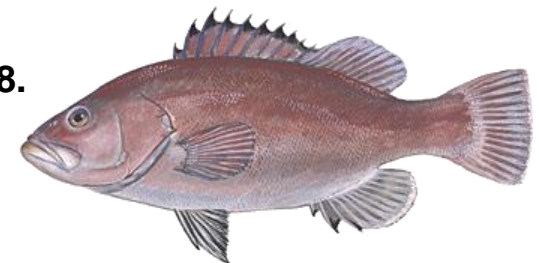


# Snowy Grouper Rec Landings (numbers)

Fishing Year	Charter	Headboat	Private	Shore	Total
2009	1,347	108	2,478	0	3,933
2010	1,582	77	407	0	2,066
2011	88	63	0	0	151
2012	450	60	1,555	0	2,065
2013	174	449	1,425	0	2,048
2014	76	1,138	0	0	1,214
2015	393	778	446	0	1,617
2016	8,791	525	429	0	9,745
2017	813	773	247	0	1,833
2018	1,531	188	1,006	0	2,725

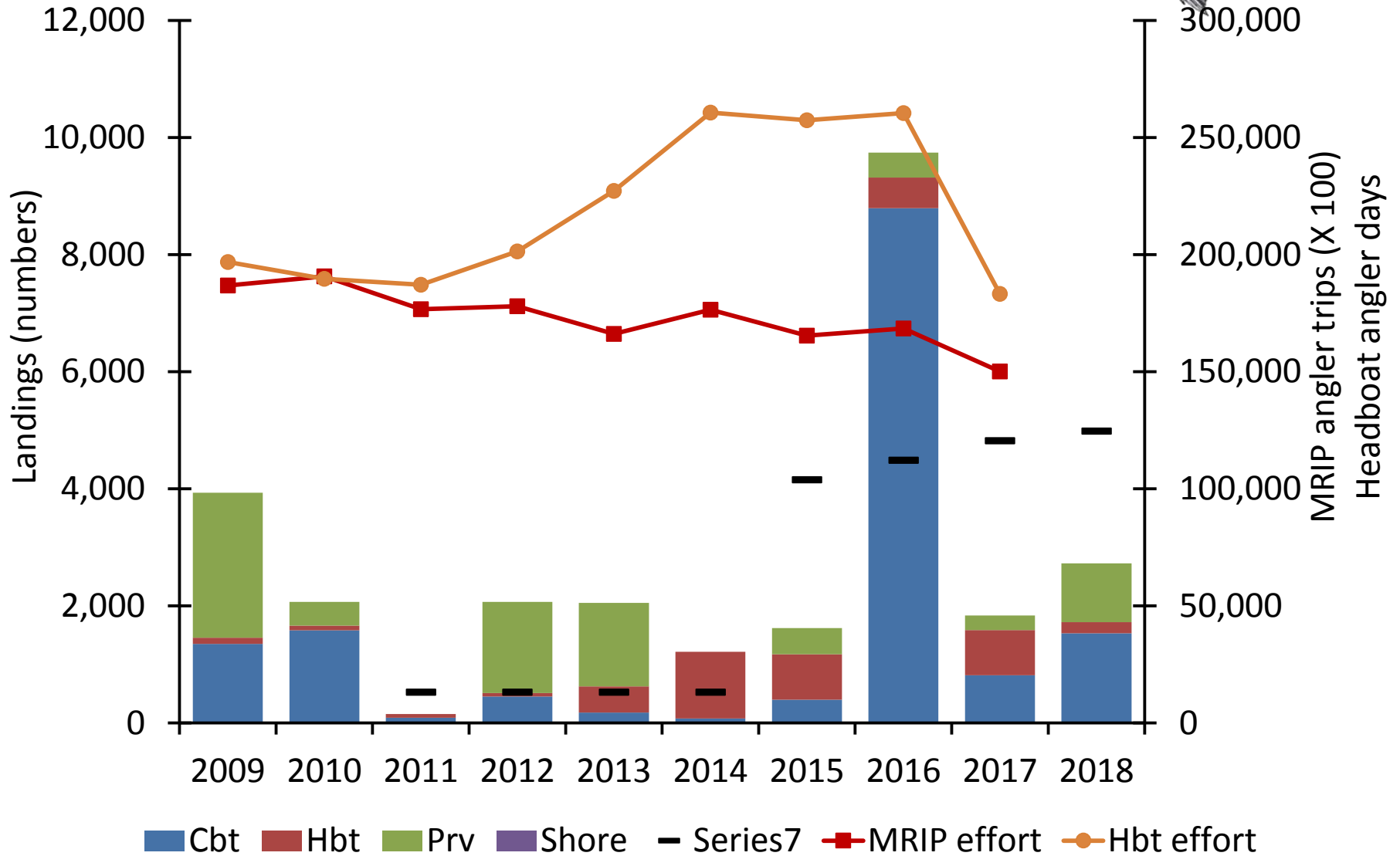
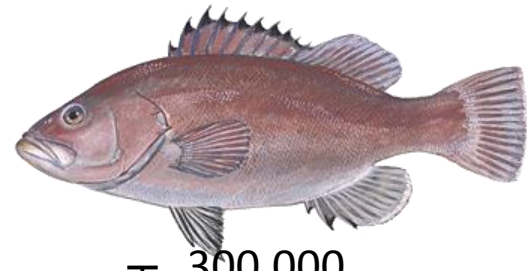
\* Area: NC to FLE

\* MRFSS data from 2007 to 2014; MRIP data 2015 through 2018.





# Snowy Grouper

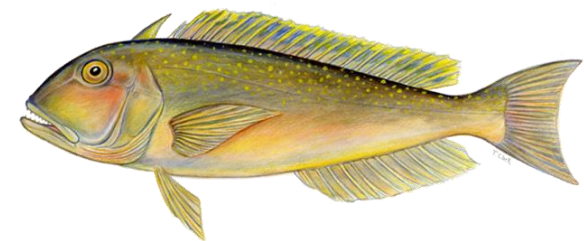


# Golden Tilefish Rec Landings (numbers)

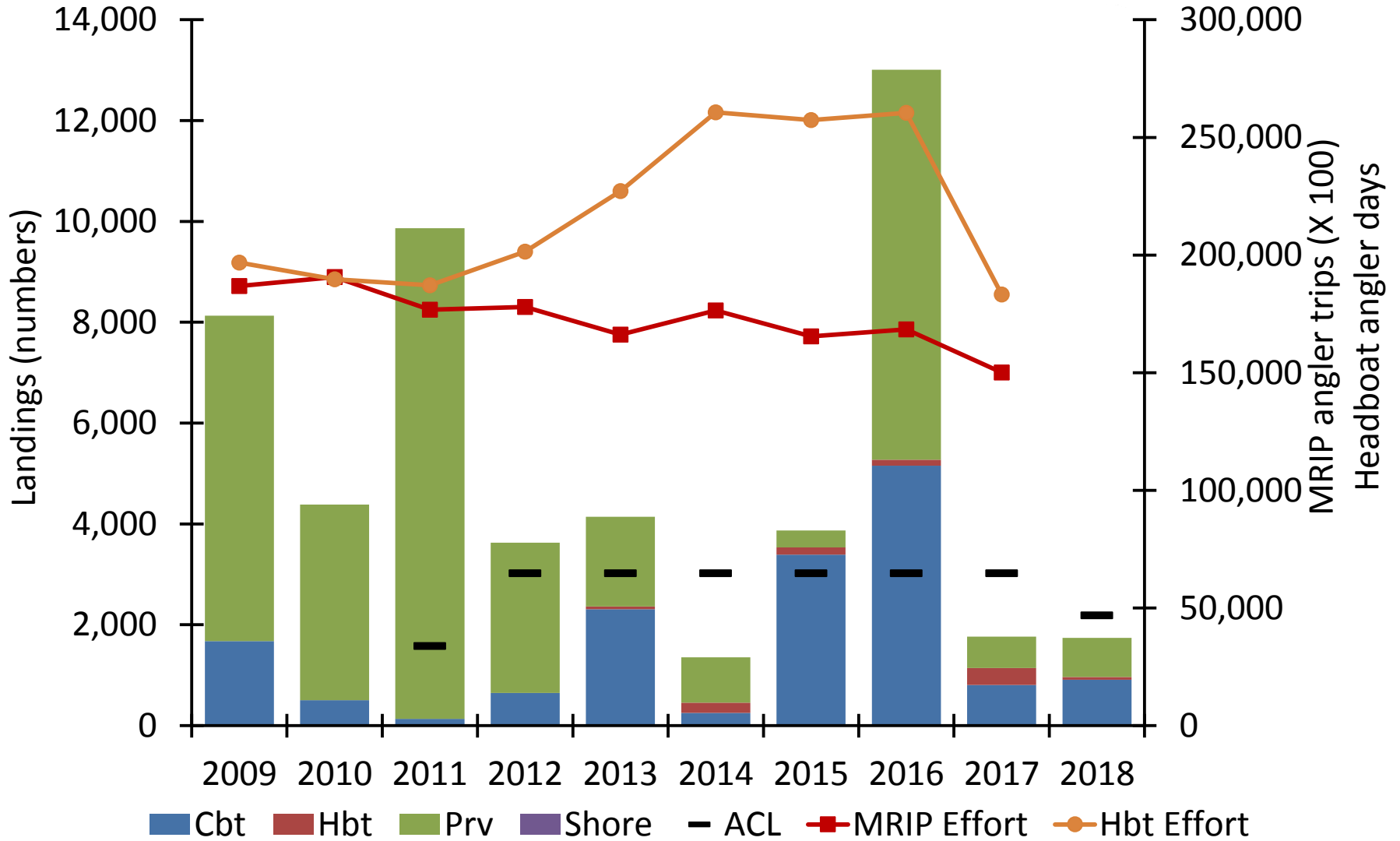
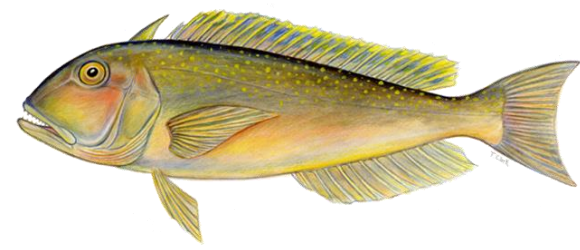
Fishing Year	Cbt	Hbt	Prv	Shore	Total
2009	1,678	0	6,454	0	8,132
2010	503	0	3,880	0	4,383
2011	134	0	9,729	0	9,864
2012	649	0	2,979	0	3,628
2013	2,309	55	1,779	0	4,143
2014	254	200	903	0	1,357
2015	3,391	142	339	0	3,872
2016	5,154	121	7,736	0	13,011
2017	806	334	626	0	1,766
2018	909	55	778	0	1,741

\* Area: NC to FLE

Landings are in MRFSS but start MRIP in 2018



# Golden Tilefish

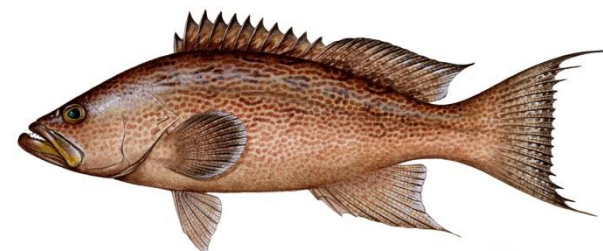


# Scamp Rec Landings (lbs ww)

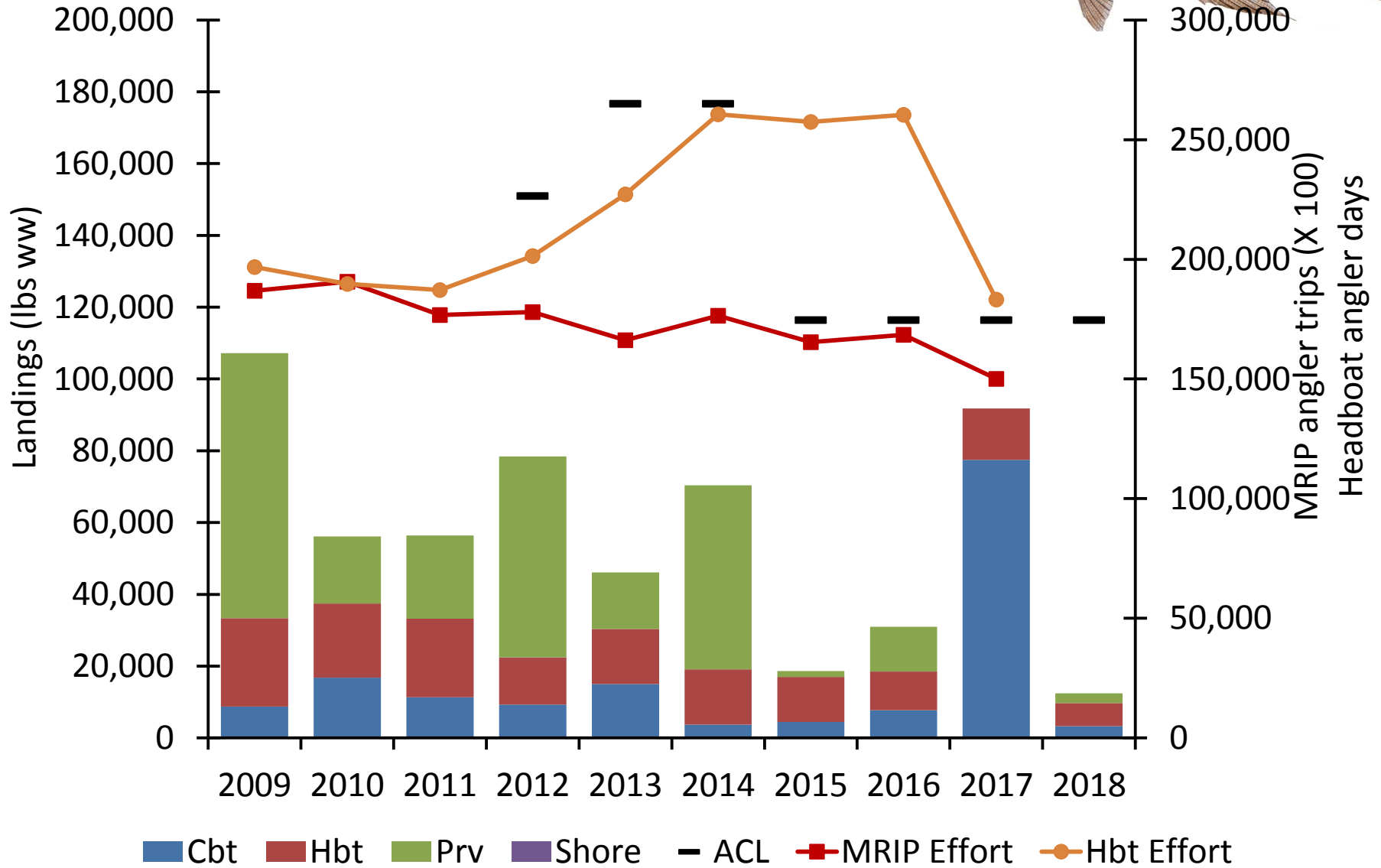
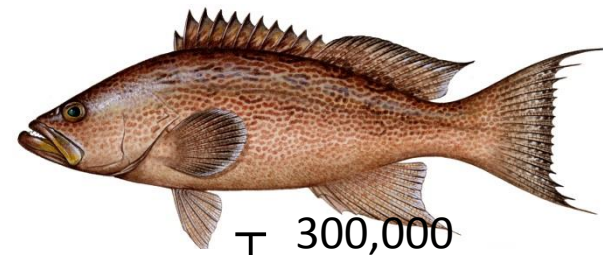
Fishing Year	Charter	Headboat	Private	Shore	Total
2009	8,749	24,605	73,807	0	107,162
2010	16,778	20,706	18,646	0	56,129
2011	11,356	21,895	23,141	0	56,392
2012	9,282	13,199	55,965	0	78,445
2013	15,036	15,355	15,721	0	46,112
2014	3,729	15,363	51,309	0	70,401
2015	4,491	12,482	1,687	0	18,660
2016	7,750	10,753	12,457	0	30,960
2017	77,478	14,278	0	0	91,755
2018	3,321	6,389	2,738	0	12,448

\* Area: NC to FLE

\* MRFSS data from 2007 to 2012; MRIP data for 2013 to 2018.



# Scamp



# BlueLine Tilefish Rec Landings (lbs ww)

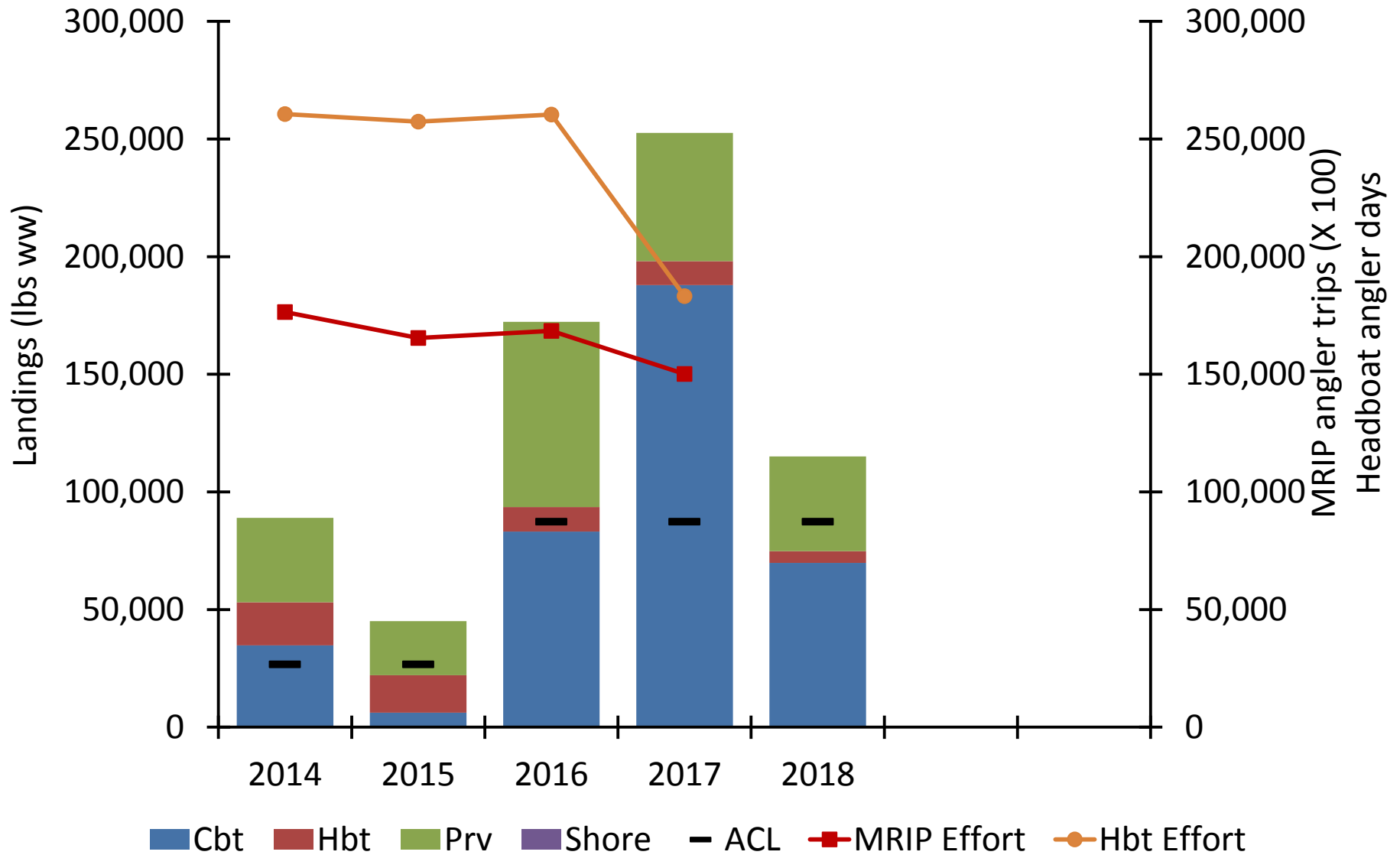
Fishing Year	Charter	Headboat	Private	Shore	Total
2014	34,746	18,352	35,899	0	88,997
2015	6,150	15,886	23,004	0	45,040
2016	83,152	10,418	78,680	0	172,250
2017	187,871	10,222	54,501	0	252,594
2018	69,805	5,066	40,194	0	115,065

\* Area: NC to FLE

\* In 2014 Amendment 32 removed blueline tilefish from the deepwater complex

\*All landings are in MRIP

# BlueLine Tilefish



# QUESTIONS?