

### **Status of 2014 Groundfish Mortality in California**

The California Department of Fish and Wildlife (CDFW) provides the following informational report on mortality of select species for 2014. The following tables and figures provide estimated mortality of select species by month for the recreational and commercial sectors (Tables 1-3), estimated harvest compared to federally designated harvest specifications (Table 4), recreational black rockfish mortality by month and management area (Table 5), and annual recreational and commercial landings from 2011 through 2014 for black rockfish and California scorpionfish (Figures 1 and 2). Mortality is reported in metric tons and includes landings for the commercial fishery and landings plus discards for the recreational fishery. The 2014 commercial landings are preliminary. CDFW will provide updates on the status of the 2015 fishing season as it progresses.

Table 1. Estimated mortality (mt) of select groundfish species in the California recreational fishery by month, 2014.

Species	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec	Total
<b>BOCACCIO</b>	0	0.1	11.1	9.2	13.4	11.1	10.8	7.3	10.1	7.5	14.7	4.4	99.7
<b>CANARY</b>	-	-	0	-	1.3	2.1	2.8	3.3	2.6	1.6	1.3	0.6	15.6
<b>COWCOD</b>	-	-	0.2	0.2	0.1		0.1	0	-	-	0.1	-	0.7
<b>YELLOWEYE</b>	-	-	-	-	0	0.1	0.3	0.4	0.2	0	0	-	1
Black Rockfish	0.1	0.1	0	0.5	24.9	55.2	108.9	87.4	40.5	11.3	8.2	2.6	339.7
Blackgill Rockfish	-	-	-	-	-	-	-	-	-	-	-	-	0
Blue Rockfish	0.1	0.2	0.9	0.3	7.8	12.7	27.5	28.8	12.9	20.4	13.5	9	134.1
Cabazon	0.8	0.6	3.3	1.7	7.1	8	10.7	7.3	4.3	2.8	2.2	1.9	50.7
CA Scorpionfish	8	5.1	2.3	5.2	19.3	37.4	19.9	10.9	7.4	6.1	0.9	0.1	122.6
Greenlings	0.1	1	0.8	1.3	1.5	3.9	4	1.7	1.5	1.4	0.5	0.2	17.9
Lingcod	0.9	0.2	6.1	8.7	55.7	79.2	127.3	104.2	74.6	48.1	40.5	26.1	571.6
Nearshore RF North	0	0	0	0	0.6	0.7	2	2.2	1	0.3	0	0	6.8
Nearshore RF South	1	1.9	14.4	14.5	41.4	63	108.5	86.8	56.2	46.8	40.1	25.1	499.7

Table 2. Estimated mortality (mt) of select groundfish species in the California commercial fishery by month, 2014.

Species	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
<b>BOCACCIO</b>	0.8	0.4	-	0.1	0.4	0.2	0.6	0.4	0.6	0.7	0.7	0.7	5.5
<b>CANARY</b>	-	-	-	-	-	-	-	-	-	-	-	-	0
<b>COWCOD</b>	-	-	-	-	-	-	-	-	-	-	-	-	0
<b>YELLOWEYE</b>	-	-	-	-	-	-	-	-	-	-	-	-	0
Black Rockfish	0.9	1.6	0.5	2.2	6.4	3.9	5.7	6.6	1.7	2.0	2.0	0.2	33.8
Blackgill Rockfish	6.4	6.7	5.9	2.7	2.8	2.4	3.8	2.0	17.9	4.9	2.3	1.0	58.6
Blue Rockfish	0.7	0.5	0.0	0.0	0.3	0.4	0.8	0.6	0.7	0.9	1.0	0.3	6.4
Cabazon	2.0	1.4	-	-	5.8	3.1	6.2	2.7	2.5	2.3	2.1	0.7	28.8
CA Scorpionfish	0.04	0.02	0.06	-	0.31	0.23	0.28	0.24	0.02	0.00	0.00	-	1.2
Greenlings	0.5	0.2	0.0	0.0	0.9	0.4	0.8	0.4	0.4	0.3	0.3	0.1	4.3
Lingcod	0.6	0.2	0.7	2.7	9.5	8.9	30.5	15.5	12.7	12.9	10.7	0.6	105.5
Nearshore RF North	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.1	0.0	0.1	0.0	0.0	0.5
Nearshore RF South	7.6	5.3	0.0	8.3	8.5	13.2	9.6	8.9	8.3	8.3	8.0	4.6	90.8

Note: Commercial landings are reported for all sectors (trawl and non-trawl). Data are preliminary and estimates do not include discard mortality.  
A blank cell (-) indicates no recorded landings for that species/month.  
A cell with 0.0 indicates a trace amount of landing

Table 3. Estimated mortality (mt) of select groundfish species in the California combined recreational and commercial fisheries, 2014.

Species	Total
<b>BOCACCIO</b>	105.0
<b>CANARY ROCKFISH</b>	15.6
<b>COWCOD</b>	0.7
<b>YELLOWEYE ROCKFISH</b>	1.1
Black Rockfish	373.5
Blackgill Rockfish	58.6
Blue Rockfish	140.4
Cabazon	79.6
Calif Scorpionfish	123.8
Greenlings	22.3
Lingcod	677.3
Nearshore RF North	7.3
Nearshore RF South	590.5

Table 4. Estimated mortality (mt) of select groundfish species in California compared to corresponding 2014 harvest specifications.

	Reference point description	Estimated mortality (mt)	Management reference points	
			ACL/HG (mt)	(% ACL/HG)
<b>Overfished Stocks</b>				
Bocaccio	HG (rec)	105.0	172.5	61%
Canary rockfish	HG (rec)	15.6	23.3	67%
Cowcod	Non-Trawl Alloc.	0.7	1.9	37%
Yelloweye rockfish	HG (rec)	1.1	3.4	33%
<b>Non-Overfished Stocks</b>				
Black rockfish	HG (statewide)	373.5	420.0	89%
Blackgill rockfish S. 40°10' N. Lat.	HG (S 40°10')	58.6	110.0	52%
Blue rockfish	HG (statewide)	140.4	236.0	59%
Cabazon	ACL	79.6	158.0	50%
California scorpionfish	ACL	123.8	117.0	106%
Lingcod	ACL	677.3	1054.0	64%
Nearshore rockfish South	ACL (S 40°10')	590.5	990.0	60%

Table 5. Black rockfish mortality in the California recreational fishery by management area and month, 2014. A blank cell (-) indicates no reported mortality for that month.

Management Area	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Northern	0.1	0.1	-	0.4	16.0	24.9	57.3	52.7	19.6	4.6	-	-	175.7
Mendocino	-	-	-	0.0	4.3	8.7	11.3	15.2	2.7	0.3	0.3	0.1	43.0
San Francisco	0.0	-	-	0.1	1.7	17.3	33.8	13.4	15.7	4.8	6.4	2.1	95.3
Central	-	0.0	0.0	0.0	3.0	3.8	6.3	6.0	2.4	1.5	1.5	0.5	25.1
Southern	0.0	0.0	0.0	0.0	0.0	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.6
Total	0.1	0.1	0.0	0.5	24.9	55.2	108.9	87.4	40.5	11.3	8.2	2.6	339.7

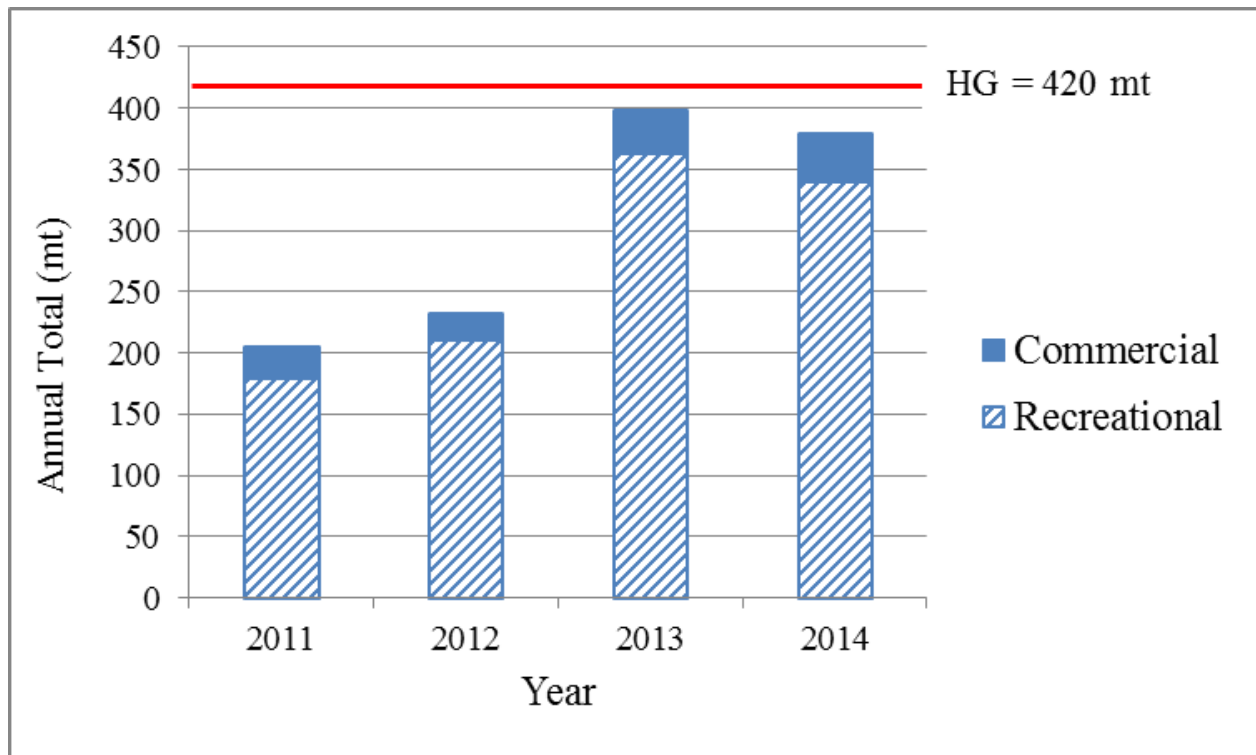


Figure 1. Black rockfish mortality in metric tons (mt) from the California recreational and commercial fisheries from 2011 through 2014 compared to the statewide harvest guideline (420 mt) which has been in effect since 2009.

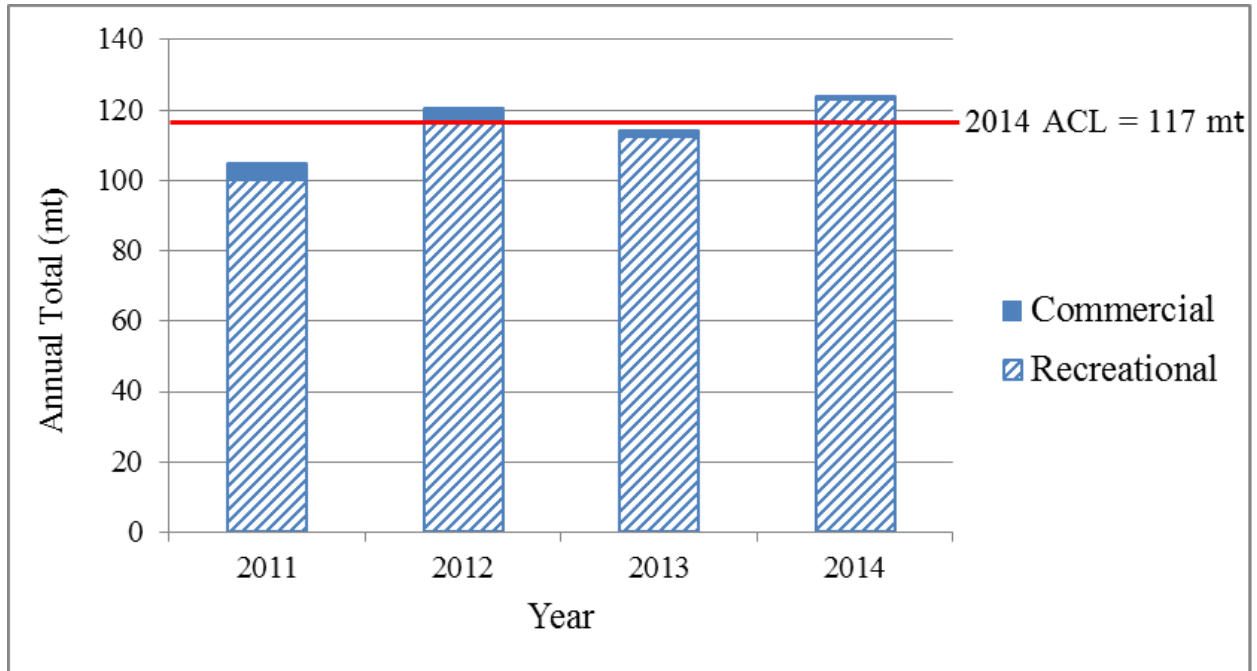


Figure 2. California scorpionfish mortality in metric tons (mt) from the California recreational and commercial fisheries from 2011 through 2014 compared to the 2014 annual catch limit of 117 mt. (Note: emergency action was taken to close the fisheries on November 15, 2014.)