

### Status of 2015 Groundfish Mortality in California

The California Department of Fish and Wildlife (CDFW) provides the following informational report on mortality of select species accrued through June of 2015 for the recreational sector and through May of 2015 for the commercial sector. The following tables and figures provide estimated mortality of select species by month for the recreational sector (Table 1), estimated mortality of select species by month for the commercial sector (Table 2), estimated mortality of select species by month for the combined recreational and commercial sectors (Table 3), estimated harvest compared to federally designated harvest specifications (Table 4), cumulative catch of cowcod in the recreational fishery (Figure 1), cumulative catch of black rockfish in 2015 (Figure 2), and cumulative catch of California scorpionfish in 2015 (Figure 3). Mortality is reported in metric tons and includes landings for the commercial fishery and landings plus discards for the recreational fishery. The 2015 landings are preliminary. CDFW will continue to 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 sector by month, through June 2015.

<b>Species</b>	<b>Jan</b>	<b>Feb</b>	<b>Mar</b>	<b>Apr</b>	<b>May</b>	<b>Jun</b>	<b>Total</b>
<b>BOCACCIO</b>	0.1	0.0	34.3	14.6	10.2	11.1	70.3
<b>CANARY ROCKFISH</b>	0.0	0.0	0.5	1.1	3.5	3.0	8.2
<b>COWCOD</b>	0.0	0.0	0.3	0.2	0.1	0.1	0.7
<b>YELLOWEYE ROCKFISH</b>	0.0	0.0	0.0	0.1	0.1	0.2	0.4
Black Rockfish	0.2	0.0	0.1	2.3	26.4	31.6	60.7
Blackgill Rockfish	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Blue Rockfish	0.4	0.1	2.6	3.1	4.6	10.3	21.1
Cabezon	0.7	0.5	0.6	2.4	4.9	6.1	15.2
CA Scorpionfish	2.9	1.7	4.0	4.3	26.8	30.1	69.8
Greenlings	2.2	0.2	0.4	0.6	1.1	1.1	5.6
Lingcod N. of 40 <sup>0</sup> 10' N. Lat	0.0	0.0	0.0	0.5	11.4	14.8	26.7
Lingcod S. of 40 <sup>0</sup> 10' N. Lat	0.1	0.6	3.4	25.6	52.1	81.2	162.9
Nearshore RF North	0.1	0.0	0.0	0.0	1.1	1.2	2.4
Nearshore RF South	2.3	0.6	16.8	30.9	35.1	66.0	151.8

Table 2. Estimated mortality (mt) of select groundfish species in the California non-trawl commercial sector by month, through May 2015.

Species	Jan	Feb	Mar	Apr	May	Total
<b>BOCACCIO</b>	0.7	0.6	0.0	0.1	0.5	1.9
<b>CANARY ROCKFISH</b>	0.0	0.0	0.0	0.0	0.0	0.0
<b>COWCOD</b>	0.0	0.0	0.0	0.0	0.0	0.0
<b>YELLOWEYE ROCKFISH</b>	0.0	0.0	0.0	0.0	0.0	0
Black Rockfish	1.8	1.3	10.4	7.7	9.9	31.1
Blackgill Rockfish	1.0	0.8	1.3	1.6	1.1	5.8
Blue Rockfish	0.8	0.8	0.4	0.2	0.5	2.7
Cabezon	3.6	1.2	0.0	0.0	5	9.8
CA Scorpionfish	0.1	0.2	0.0	0.0	0.5	0.8
Greenlings	0.7	0.4	0.0	0.0	0.5	1.6
Lingcod N. of 40°10' N. Lat	0.0	0.0	0.4	0.5	1.3	2.2
Lingcod S. of 40°10' N. Lat	0.0	0.1	0.0	0.0	7.9	8.1
Nearshore RF North	0.0	0.0	0.1	0.2	0.3	0.6
Nearshore RF South	10.5	4.8	0.0	0.0	7.8	23.1

Table 3. Estimated mortality (mt) of select groundfish species in the California combined recreational and non-trawl commercial sectors by month, through June 2015.

Species	Jan	Feb	Mar	Apr	May	Jun	Total
<b>BOCACCIO</b>	0.8	0.6	34.3	14.7	10.7	11.1	72.2
<b>CANARY ROCKFISH</b>	0.0	0.0	0.5	1.1	3.5	3.0	8.1
<b>COWCOD</b>	0.0	0.0	0.3	0.2	0.1	0.1	0.7
<b>YELLOWEYE ROCKFISH</b>	0.0	0.0	0.0	0.1	0.1	0.2	0.4
Black Rockfish	2.0	1.3	10.5	10.0	36.3	31.6	91.8
Blackgill Rockfish	1.0	0.8	1.3	1.6	1.1	0.0	5.8
Blue Rockfish	1.2	0.9	3.0	3.3	5.1	10.3	23.8
Cabezon	4.3	1.7	0.6	2.4	9.9	6.1	25.0
CA Scorpionfish	3.0	1.9	4.0	4.3	27.3	30.1	70.6
Greenlings	2.9	0.6	0.4	0.6	1.6	1.1	7.2
Lingcod N. of 40°10' N. Lat	0.0	0.0	0.4	1.0	12.7	26.7	40.8
Lingcod S. of 40°10' N. Lat	0.1	0.7	3.4	25.6	60.0	81.2	171.0
Nearshore RF North	0.1	0.0	0.1	0.2	1.4	1.2	3.0
Nearshore RF South	12.8	5.4	16.8	30.9	42.9	66.0	174.9

Note: For the commercial sector, landings include non-trawl, non-IFQ fixed-gears for limited entry and open access sectors. Data are preliminary and mortality estimates do not include discard mortality.  
 Blackgill rockfish includes both IFQ and non-IFQ landings, south of 40° 10' N lat.  
 A cell with 0.0 indicates a trace amount of landing  
 A blank cell ( - ) indicates no recorded landings for that species/month.  
 For black rockfish, landings are from the PacFIN QSM data weekly uploads combined with CFIS landings.

Table 4. Harvest specifications for 2015.

	Reference point description	ACL/HG (mt)
<b>Overfished Stocks</b>		
Bocaccio	HG (rec)	178.8
Canary rockfish	HG (rec)	24.3
Cowcod	Non-Trawl Alloc.	2.5
Yelloweye rockfish	HG (rec)	3.4
<b>Non-Overfished Stocks</b>		
Black rockfish	HG (statewide)	420
Blackgill rockfish S. 40°10' N. Lat.	HG (S 40°10')	114
Blue rockfish	HG (statewide)	236
Cabazon	ACL	154
California scorpionfish	ACL	114
Lingcod S. of 40°10' N. Lat	Non-Trawl Alloc.	448
Nearshore rockfish North	HG (40°10' to 42°)	23.7
Nearshore rockfish South	ACL (S 40°10')	1114

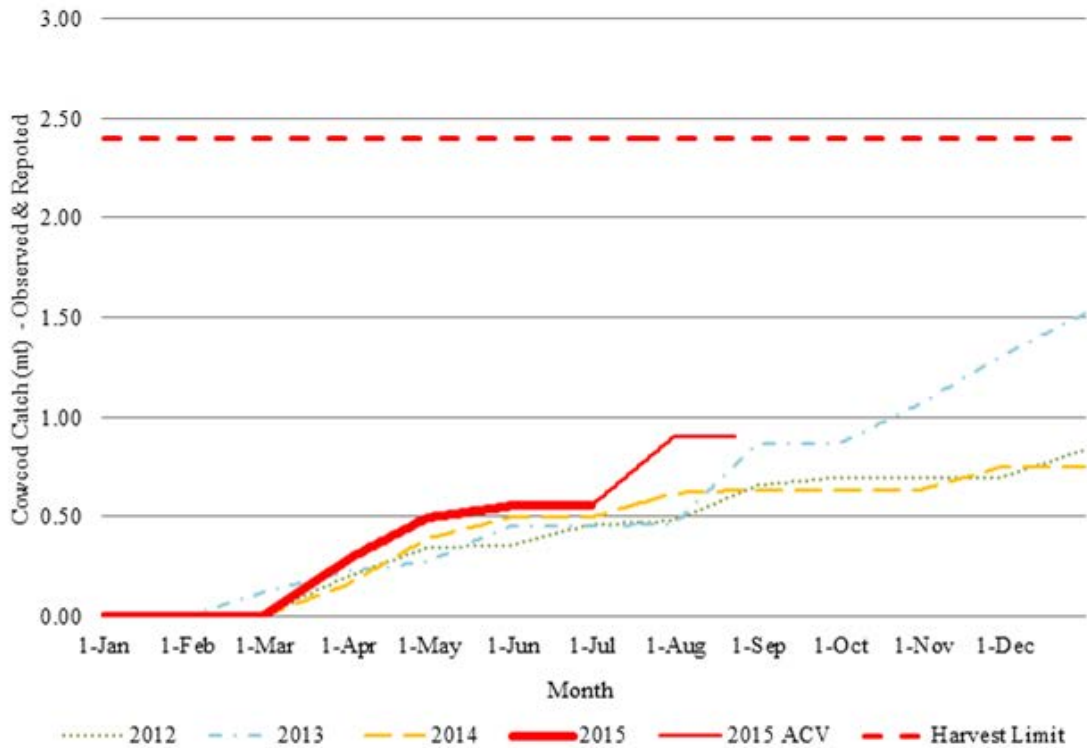


Figure 1. Cumulative catch of cowcod in the non-trawl commercial (through May) and recreational (through June) fisheries in 2015 and anticipated catch values from weekly recreational tracking from July 1 through August 23, 2015 and catch in 2012-2014 compared to the non-trawl allocation.

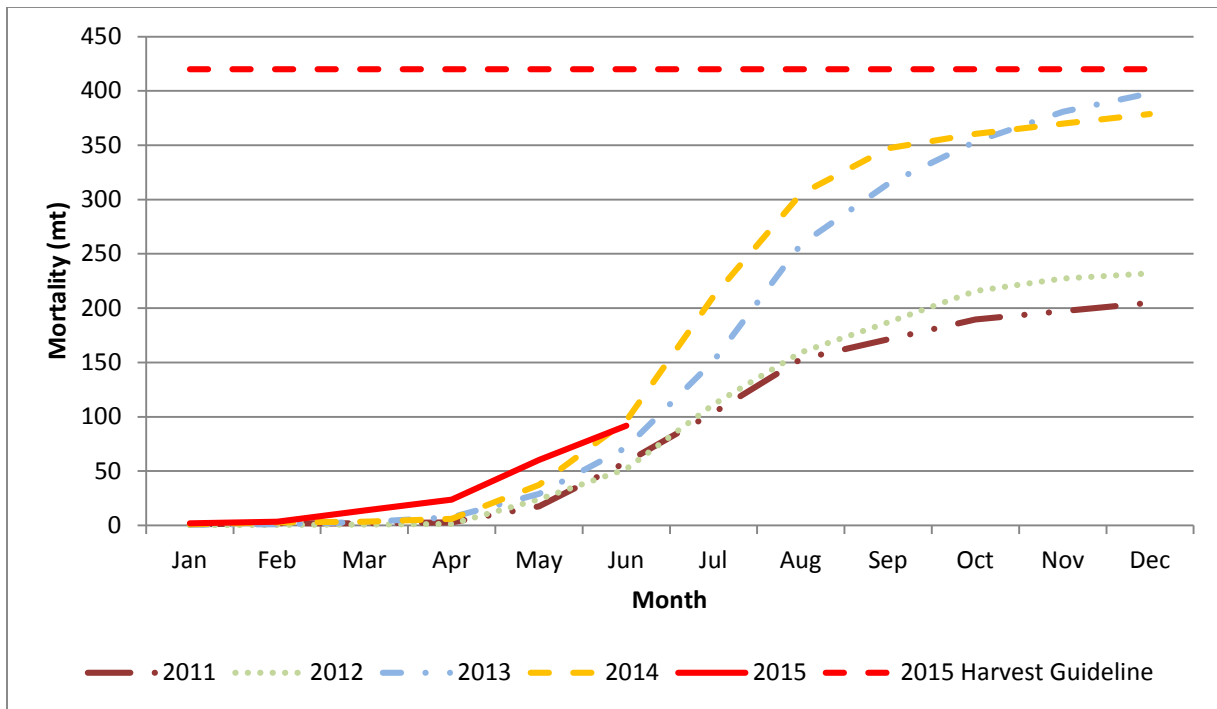


Figure 2. Cumulative catch of black rockfish in the California commercial (through May) and recreational (through June) fishery in 2015 and catch in 2011-2014 compared to the harvest guideline. Note that bag limits were reduced to 5 fish within the 10 fish RCG bag limit

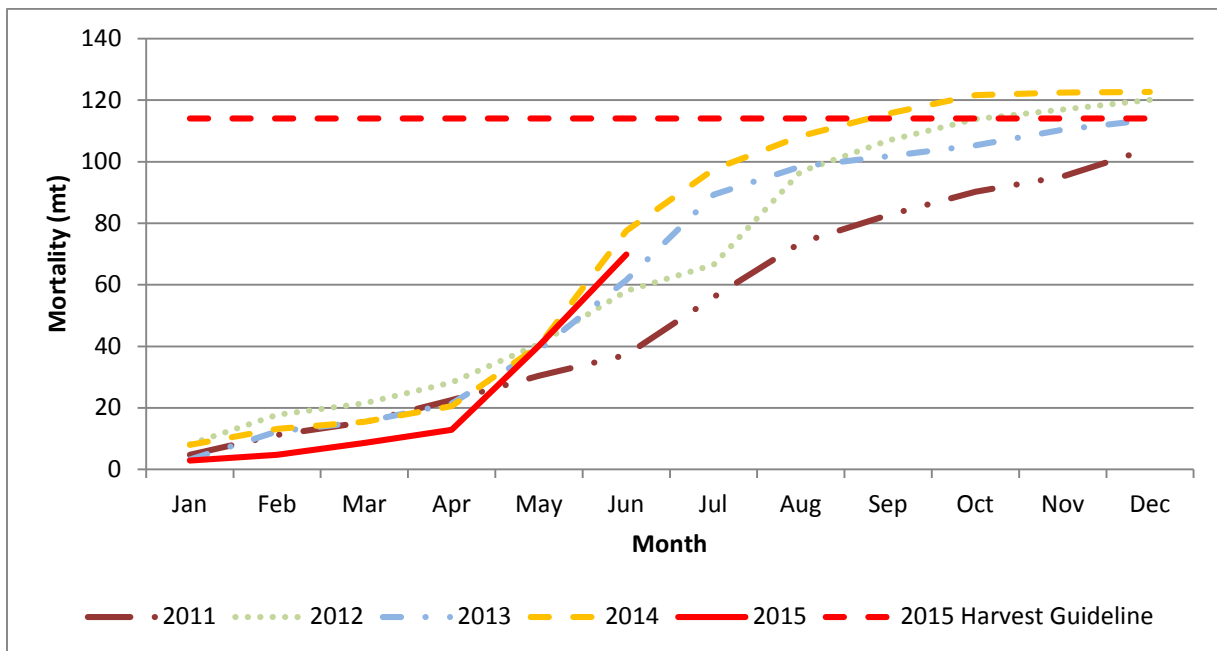


Figure 3. Cumulative catch of California scorpionfish in the California commercial (through May) and recreational (through June) fisheries in 2015 and catch in 2011-2014 compared to the harvest guideline. Note that the proscribed season end date is August 31 in 2015, while the fishery was open year round in preceding years.