

Summary of 2015 Groundfish Mortality in California

The California Department of Fish and Wildlife (CDFW) provides the following informational report on mortality of select groundfish species for 2015. The following tables 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), and estimated harvest compared to federally designated harvest specifications (Table 3). Mortality is reported in metric tons and includes landings plus discards for the recreational fishery and landings for the commercial fishery without discard mortality estimates. The 2015 data are preliminary. CDFW will provide updates on the status of the 2016 fishing season as it progresses.

Table 1. Estimated mortality (mt) of select groundfish species in the California recreational sector by month, 2015.

Species	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec	Total
BOCACCIO	0.1	0.1	34.4	14.6	10.2	11.1	10.5	4.0	2.3	9.6	6.2	4.0	107.2
CANARY	0.0	0.0	0.5	1.1	3.5	3.0	6.9	6.0	3.7	2.0	2.2	1.0	29.9
COWCOD	0.0	0.0	0.3	0.2	0.1	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.9
YELLOWEYE	0.0	0.0	0.0	0.1	0.1	0.2	0.5	0.6	0.2	0.0	0.0	0.0	1.7
Black Rockfish	0.2	0.0	0.1	2.3	26.4	31.6	45.9	49.4	15.7	9.5	3.7	2.0	187.0
Blackgill Rockfish ^a	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Blue Rockfish	0.4	0.1	2.9	3.1	4.6	10.3	24.8	44.6	21.9	24.0	19.0	7.2	162.9
Cabazon	0.7	0.5	0.6	2.4	4.9	6.1	7.7	8.3	2.6	2.2	1.5	1.0	38.4
CA Scorpionfish	2.9	1.7	4.0	4.3	26.8	30.1	19.6	6.9	0.1	0.2	0.1	0.1	96.9
Greenlings	2.1	0.1	0.4	0.6	1.1	1.0	1.7	1.6	0.8	0.6	0.4	0.2	10.6
Lingcod	0.1	0.6	3.4	26.1	63.5	96.0	124.2	131.9	77.3	47.5	43.8	22.6	637.0
Nearshore RF North	0.1	0.0	0.0	0.0	1.1	1.2	2.6	2.6	1.0	0.7	0.0	0.0	9.3
Nearshore RF South	2.3	0.7	17.0	31.0	35.0	66.1	92.3	106.3	56.6	50.9	46.5	22.6	527.3

a\ South of 40° 10' N lat.

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

Species	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
BOCACCIO	0.7	0.6	0.0	0.0	0.7	0.7	0.9	1.3	0.8	0.6	0.4	1.1	7.8
CANARY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
COWCOD	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
YELLOWEYE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Black Rockfish	6.2	6.3	10.4	7.4	11.4	11.3	10.3	12.2	12.7	6.9	7.5	11.4	114.2
Blackgill Rockfish	1.0	0.6	1.3	2.0	1.6	2.3	2.2	2.7	2.8	1.7	0.6	2.5	21.4
Blue Rockfish	0.8	0.8	0.4	0.1	0.4	0.3	1.2	1.1	1.4	1.1	1.2	0.4	9.1
Cabazon	3.6	1.0	0.0	0.0	5.8	3.2	5.9	3.3	4.6	2.7	3.3	0.9	34.1
CA Scorpionfish	0.0	0.2	0.0	0.0	0.3	0.3	0.5	0.5	0.2	0.2	0.0	0.0	2.2
Greenlings	0.9	0.5	0.0	0.0	0.8	0.5	0.8	0.5	0.9	0.5	0.7	0.2	6.2
Lingcod	0.6	0.0	0.9	2.2	13.3	15.1	18.4	19.2	17.4	19.4	16.8	8.1	132.2
Nearshore RF North	0.0	0.0	0.1	0.2	0.7	0.4	0.2	0.1	0.1	0.2	0.1	0.0	2.2
Nearshore RF South	10.3	4.7	0.0	0.0	9.2	10.0	14.0	10.9	10.7	9.1	11.4	4.9	95.2

Note: 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 and lingcod landings include both IFQ and non-IFQ sectors south of 40° 10' N lat.

Table 3. Estimated mortality (mt) of select groundfish species in California during 2015 compared to 2015 harvest specifications.

	Reference point description	Estimated mortality (mt)	Management reference points	
			ACL/HG (mt)	ACL/HG (%)
Overfished Stocks				
Bocaccio	HG (rec)	115.0	178.8	64%
Canary rockfish	HG (rec)	29.9	24.3	123%
Cowcod	Non-Trawl Allocation.	0.9	2.6	33%
Yelloweye rockfish	HG (rec)	1.7	3.4	51%
Non-Overfished Stocks				
Black rockfish	HG (statewide)	301.1	420	72%
Blackgill rockfish	HG (S 40°10')	21.4	114	19%
Blue rockfish	HG (statewide)	172.0	194.4	88%
Cabazon	ACL	72.5	154	47%
California scorpionfish	ACL	99.2	114	87%
Lingcod	ACL	769.2	994.9	77%
Nearshore rockfish North ^a	HG	11.5	23.7	48%
Nearshore rockfish South	ACL (S 40°10')	622.5	1110	56%

a) Applies only between 40° 10' N lat. and 42° N lat.