

CALIFORNIA DEPARTMENT OF FISH AND WILDLIFE REPORT ON 2018
GROUNDFISH MORTALITY IN CALIFORNIA

The California Department of Fish and Wildlife (CDFW) provides the following informational report on mortality of select groundfish species for 2018. 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 non-trawl 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 discard mortality for the recreational fishery and landings for the commercial fishery without discard mortality estimates. These 2018 data are preliminary. CDFW will provide updates on the status of the 2019 fishing season as it progresses, relative to the ACLs and HGs in effect for the 2019-2020 biennium.

Table 1. Estimated mortality (mt) of select groundfish species in the California recreational sector by month, 2018.

Species	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total ^a
BOCACCIO	-	0.0	7.6	12.4	12.6	12.0	10.3	13.6	10.6	15.6	12.7	10.0	117.3
COWCOD	0.0	-	-	0.1	0.0	0.2	0.0	0.1	0.1	-	0.1	0.4	1.0
YELLOWEYE ROCKFISH	-	-	0.0	0.1	0.7	0.4	1.4	1.4	0.4	0.1	0.2	0.1	4.8
Black Rockfish	0.1	-	0.2	0.6	12.4	11.1	22.8	21.2	12.8	4.7	6.4	1.6	93.8
Blackgill Rockfish S 40°10'N lat.	-	-	-	-	-	-	-	-	-	-	-	-	-
Blue Rockfish	0.0	0.0	4.7	11.6	8.4	9.3	21.4	24.8	26.6	26.6	44.9	18.7	197.1
Cabazon	0.2	0.0	0.3	0.7	4.2	2.1	3.5	5.0	4.1	3.7	3.5	1.3	28.4
CA Scorpionfish ^b	4.8	5.4	2.8	2.0	11.2	27.0	34.7	16.3	0.4	0.1	0.2	0.1	104.8
Canary Rockfish	-	-	0.0	5.5	6.3	4.5	8.5	12.4	7.9	5.0	6.4	2.0	58.4
Greenlings	0.1	0.0	0.3	0.2	0.5	0.3	0.6	0.8	0.9	0.5	0.6	0.3	5.0
Lingcod S 40°10' N lat.	0.4	0.3	1.4	12.4	36.9	23.4	49.5	59.1	43.5	38.0	45.5	20.9	331.2
Nearshore RF N 40°10' N lat. ^c	0.0	-	0.0	-	2.5	1.1	4.6	3.9	2.0	0.5	1.1	0.3	16.1
Nearshore RF S 40°10' N lat. ^c	0.5	0.3	20.4	37.2	46.6	36.0	79.9	85.6	75.0	67.5	88.1	47.5	584.6

Note: 0.0 indicates trace mortality; a dash (-) indicates no mortality

Data are preliminary

a\ Discrepancies in the total are due to rounding

b\ The recreational fishery for California scorpionfish closed on September 1.

c\ Does not include black rockfish mortality estimates.

Table 2. Estimated mortality (mt) of select groundfish species in the California non-trawl commercial sector by month, 2018.

Species	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total ^a
BOCACCIO	0.9	1.0	0.3	0.1	0.6	0.8	1.2	1.0	0.9	1.6	1.3	0.8	10.5
COWCOD	-	-	-	-	-	-	-	-	-	-	-	-	-
YELLOWEYE ROCKFISH	-	-	-	-	-	-	-	-	-	-	-	-	-
Black Rockfish	1.5	0.4	0.7	2.7	2.7	5.3	6.9	5.7	7.3	5.2	5.1	1.1	44.6
Blackgill Rockfish S 40°10' N lat. ^b	3.8	0.6	1.8	1.3	1.7	0.7	7.0	5.9	13.4	7.1	6.3	1.3	50.9
Blue Rockfish	0.4	0.8	0.5	0.1	0.3	1.0	1.5	1.5	1.7	1.7	1.5	1.1	12.1
Cabazon	1.1	1.6	-	-	2.1	2.3	3.8	2.9	3.3	1.5	2.3	0.5	21.4
CA Scorpionfish	0.1	0.0	-	-	0.1	0.2	0.3	0.2	-	0.1	0.1	0.2	1.3
Canary Rockfish	0.1	0.2	0.0	0.0	0.2	0.4	0.6	0.4	0.5	0.3	0.6	0.2	3.5
Greenlings	0.1	0.2	-	-	0.5	0.4	0.7	0.4	0.6	0.3	0.4	0.1	3.7
Lingcod S 40°10' N lat.	1.6	2.1	-	-	3.1	4.1	7.3	9.7	8.9	7.3	6.1	1.9	52.1
Nearshore RF N 40°10' N lat. ^c	0.2	0.3	0.5	0.1	0.3	1.1	1.0	0.6	0.5	0.6	0.8	0.6	6.6
Nearshore RF S 40°10' N lat. ^c	4.4	8.2	-	-	6.5	11.0	15.0	14.2	14.0	9.4	10.9	4.3	97.9

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.

0.0 indicates trace mortality; a dash (-) indicates no mortality.

a)Discrepancies in the total are due to rounding

b)Blackgill rockfish landings include both IFQ and non-IFQ sectors.

c)Does not include black rockfish mortality estimates.

Table 3. Estimated mortality (mt) of select groundfish species in California during 2018 compared to corresponding 2018 harvest specifications.

	Reference point description	Estimated mortality (mt)	Management reference points	
			ACL/HG (mt)	% of ACL/HG
Overfished Stocks				
Bocaccio	HG (rec)	117.3	305.5	38%
Cowcod	Non-Trawl Alloc.	1.0	2.6	38%
Yelloweye rockfish	HG (CA rec)	4.8	3.9	123%
Non-Overfished Stocks				
Black rockfish	ACL (CA)	138.4	331	42%
Blackgill rockfish S 40°10' N lat. ^a	HG	50.9	122.4	42%
Blue rockfish	HG (CA)	209.2	311.1	67%
Cabazon	CA ACL	49.8	149	33%
California scorpionfish ^b	ACL	106.1	150	71%
Canary rockfish	HG (CA rec)	58.4	135	43%
Greenlings	^c	8.7	55.3	16%
Lingcod S 40° 10' N lat.	Non-Trawl Alloc.	383.3	624.3	61%
Nearshore rockfish N 40°10' N lat. ^d	HG	22.7	40.2	56%
Nearshore rockfish S 40°10' N lat. ^d	ACL	682.5	1,179	58%

a) Includes IFQ landings.

b) The recreational fishery for California scorpionfish closed on September 1.

c) Reference point denotes ACL contribution to Other Fish complex

d) Does not include black rockfish mortality estimates; there is a stand-alone CA ACL for black rockfish.