

**CALIFORNIA DEPARTMENT OF FISH AND WILDLIFE REPORT ON 2019
GROUNDFISH HARVEST IN CALIFORNIA**

The California Department of Fish and Wildlife (CDFW) provides the following informational report on harvest of select groundfish species for 2019. The following tables provide estimated harvest compared to federally designated harvest specifications (Table 1), estimated mortality of select species by month for the recreational sector (Table 2), and preliminary landings of select species by month for the commercial sector (Table 3). Harvest is reported in metric tons and includes landings plus discard mortality for the recreational fishery and landings for the non-IFQ commercial fishery (except for blackgill rockfish) without discard mortality estimates. These 2019 data are preliminary. In 2020, CDFW will provide a final update on the status of the 2019 fishing season relative to sector allocations, Annual Catch Limits (ACLs), Annual Catch Targets (ACTs), and Harvest Guidelines (HGs) in effect for the 2019-2020 biennium

Table 1. Estimated take (mt) of select groundfish species in California through September 2019 compared to corresponding 2019 harvest limits.

	Reference point description	Estimated take (mt)	Management reference points	
			Tracking Limit (mt)	% of Tracking Limit
Rebuilding Stocks				
Cowcod S 40°10' N lat.	Non-Trawl HG.	1.7	3.8	43.8%
Yelloweye rockfish	ACT (CA rec)	4.4	9.1	48.6%
Non-Rebuilding Stocks				
Black rockfish (CA)	ACL	138.4	327.7	42.2%
Blackgill rockfish S 40°10' N lat. ^a	HG	22.2	159.0	13.9%
Bocaccio S 40°10' N lat	HG (rec)	102.4	863.4	11.9%
Cabazon (CA)	ACL	32.5	146.7	22.2%
California scorpionfish	ACL	100.1	310.6	32.2%
Canary rockfish S 42° N lat	HG (rec)	53.6	127.3	42.1%
Kelp Greenling (CA)	^b	5.0	99.2	5.0%
Lingcod S 40° 10' N lat.	Non-Trawl Alloc.	204.2	565.2	36.1%
Nearshore rockfish N 40°10' N lat. ^c	HG	25.0	37.9	66.1%
Nearshore rockfish S 40°10' N lat. ^c	ACL	486.9	1137.9	42.8%
Shelf rockfish N 40°10' N lat. ^d	Non-Trawl Alloc.	11.0	786.9	1.4%
Shelf rockfish S 40°10' N lat. ^d	Non-Trawl Alloc.	538.0	1357.3	39.6%
Slope rockfish N 40°10' N lat.	Non-Trawl Alloc.	5.3	316.4	1.7%
Slope rockfish S 40°10' N lat. ^e	Non-Trawl Alloc.	6.0	267.8	2.2%

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

b) Reference point denotes the CA kelp greenling contribution to the Other Fisher complex ACL

c) Does not include black rockfish mortality estimates

d) Does not include cowcod, yelloweye, bocaccio, or canary rockfish estimates.

e) Does not include blackgill rockfish estimates

Table 2. Estimated take (mt) of select groundfish species in the California recreational sector by month, through September 2019.

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Total ^a
Rebuilding Stocks										
Cowcod S 40°10' N lat.	0.0	0.0	0.2	0.6	0.3	0.4	0.2	0.1	0.0	1.7
Yelloweye rockfish	0.0	0.0	0.0	0.5	0.5	0.7	1.2	1.2	0.3	4.4
Non-Rebuilding Stocks										
Black rockfish (CA)	0.0	0.0	0.0	1.1	11.1	16.7	28.9	31.7	9.6	99.1
Blackgill rockfish S 40°10' N lat. ^a	-	-	-	-	-	-	-	-	-	-
Bocaccio S 40°10' N lat	0.0	0.0	10.5	21.9	14.9	17.2	7.4	16.3	14.3	102.4
Cabazon (CA)	0.1	0.0	0.2	1.3	2.8	2.5	4.0	4.6	2.4	17.9
California scorpionfish	3.2	2.1	4.2	10.1	21.3	23.6	20.4	10.1	4.3	99.2
Canary rockfish S 42° N lat	0.0	0.0	0.1	7.9	10.7	8.6	8.5	12.4	5.3	53.6
Kelp Greenling (CA)	0.1	0.0	0.1	0.1	0.4	0.5	0.5	0.7	0.3	2.5
Lingcod S 40° 10' N lat.	0.1	0.2	1.9	18.4	26.9	32.8	29.3	54.2	15.7	179.5
Nearshore rockfish N 40°10' N lat. ^c	-	-	0.0	0.0	2.3	2.8	4.4	6.3	2.4	18.2
Nearshore rockfish S 40°10' N lat. ^c	0.3	0.3	11.3	39.1	51.3	89.7	66.7	98.0	59.1	415.8
Shelf rockfish N 40°10' N lat. ^d	-	-	-	0.0	1.1	1.3	1.8	3.5	0.8	8.4
Shelf rockfish S 40°10' N lat. ^d	0.1	0.0	33.4	62.1	65.5	74.8	69.1	104.9	56.6	466.7
Slope rockfish N 40°10' N lat.	-	-	-	0.0	-	-	0.0	-	-	0.0
Slope rockfish S 40°10' N lat. ^e	-	-	0.1	0.0	0.0	0.1	0.1	0.0	0.1	0.3

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

Data are preliminary

a\ Discrepancies in the total are due to rounding

b\ Does not include black rockfish mortality estimates.

c\ Does not include cowcod, yelloweye, bocaccio, or canary rockfish estimates.

d\ Does not include blackgill rockfish estimates

Table 3. Estimated take (mt) of select groundfish species in the California commercial sector by month, through September 2019.

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Total ^a
Rebuilding Stocks										
Cowcod S 40°10' N lat.	-	-	-	-	-	-	-	-	-	-
Yelloweye rockfish	-	-	-	-	-	-	-	-	-	-
Non-Rebuilding Stocks										
Black rockfish (CA)	1.7	0.2	0.6	2.5	6.9	5.5	10.4	6.5	4.9	39.3
Blackgill rockfish S 40°10' N lat. ^a	1.6	0.7	2.8	2.3	2.8	3.1	1.7	2.4	4.8	22.2
Bocaccio S 40°10' N lat	1.0	1.3	1.3	0.1	2.0	2.2	1.1	2.1	1.2	12.4
Cabazon (CA)	2.0	0.8	-	-	2.6	2.5	2.4	2.7	1.6	14.6
California scorpionfish	-	0.1	-	-	0.2	0.1	0.2	0.3	0.1	0.9
Canary rockfish S 42° N lat	0.7	0.4	0.1	0.1	0.9	1.5	1.2	1.0	0.7	6.6
Kelp Greenling (CA)	0.4	0.2	-	-	0.3	0.4	0.4	0.4	0.3	2.5
Lingcod S 40° 10' N lat.	3.0	1.8	-	-	3.3	5.0	3.0	5.4	3.2	24.6
Nearshore rockfish N 40°10' N lat. ^c	0.7	0.1	0.7	0.2	1.2	1.7	0.7	0.9	0.6	6.8
Nearshore rockfish S 40°10' N lat. ^c	10.0	4.8	-	0.0	9.3	14.2	11.3	12.9	8.6	71.1
Shelf rockfish N 40°10' N lat. ^d	0.2	0.1	0.2	0.1	0.4	0.4	0.4	0.6	0.2	2.6
Shelf rockfish S 40°10' N lat. ^d	7.9	7.8	3.8	0.6	10.9	12.1	8.8	10.6	8.8	71.3
Slope rockfish N 40°10' N lat.	0.3	0.2	0.2	0.1	0.7	0.9	1.3	0.3	1.2	5.3
Slope rockfish S 40°10' N lat. ^e	0.1	0.3	0.3	0.2	0.5	1.5	1.3	0.2	1.4	5.7

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.

d) Does not include cowcod, yelloweye, bocaccio, or canary rockfish estimates.

e) Does not include blackgill rockfish estimates