

**CALIFORNIA DEPARTMENT OF FISH AND WILDLIFE REPORT 3 ON RECREATIONAL
 INSEASON ADJUSTMENTS FOR 2018**

California Department Fish and Wildlife (CDFW) met informally with California members of the Groundfish Advisory Panel (GAP), industry representatives, and California Council members regarding inseason management of the California recreational fishery, in response to information provided in CDFW Reports 1¹ and 2². Representatives at this meeting requested that CDFW provide information on sampled fish and regional groundfish fishing effort, in order to help evaluate alternatives.

In CDFW Report 2, Tables 1 and 2 provided catch estimate information by recreational Management Area for 2018 and 2017, respectively. CDFW provides updates to these tables below to include the number of sampled (kept and released) yelloweye rockfish by management area in 2018 (Table 1) and 2017 (Table 2).

Table 1. Proportion of yelloweye encounters by management area in 2018. Data through September 2. Data are preliminary.

Management Area	Metric Tons Accrued	Percent of Total	Number of Sampled Fish
Northern	1.77	47%	437
Mendocino	0.32	8%	73
San Francisco	0.69	18%	90
Central	0.67	18%	83
Southern	0.34	9%	5
Total	3.79		688

Table 2. Proportion of yelloweye encounters by management area in 2017. Data are from CDFW.

Management Area	Metric Tons Accrued	Percent of Total	Number of Sampled Fish
Northern	1.47	33%	498
Mendocino	0.72	16%	140
San Francisco	1.17	26%	149
Central	0.95	21%	113
Southern	0.17	4%	7
Total	4.48		907

Information on 'Bottomfish' trips, as estimated by the California Recreational Fisheries Survey (CRFS), is provided monthly by Groundfish Management Area for 2013-2018 (Tables 3-7). CDFW notes that recreational groundfish fishery regulations differed between management areas and years across this time period, which may warrant consideration when evaluating the data. Fishing regulations in 2017 most closely approximate those effective in 2018. The 'Bottomfish' trip type include trips that targeted species in the nearshore on hard bottom, in kelp

¹ https://www.pcouncil.org/wp-content/uploads/2018/08/I10a_Supp_CDFW_Rpt1_SEPT2018BB.pdf

² https://www.pcouncil.org/wp-content/uploads/2018/09/I10a_Supp_CDFW_Rpt2_Inseason2-09-08-18_SEPT2018BB.pdf

beds, and on the shelf or slope on both hard and soft bottom substrates. Bottomfish trips are distinguished in CRFS from other trip types targeting inshore species (e.g., surfperches), coastal pelagic species, highly migratory species, salmon, other anadromous species (sturgeon/striped bass), and invertebrates.

Table 3. Bottomfish Angler Trips by Month and Year for the Northern Management Area from 2013-2018. Data are from CRFS. Data for 2018 are preliminary and incomplete.

Month	2013	2014	2015	2016	2017	2018	Average (2013-2017)
January	508	281	510	-	-	134	433
February	251	376	509	313	253	583	340
March	2,665	400	1,120	213	1,022	814	1,084
April	3,474	308	106	1,750	164	1,192	1,160
May	2,455	4,116	4,924	4,345	3,643	6,348	3,897
June	3,212	4,468	10,506	11,749	5,191	5,206	7,025
July	4,390	11,227	18,568	13,866	10,851		11,781
August	8,066	8,104	18,284	11,750	7,162		10,673
September	3,436	4,374	2,931	9,080	4,136		4,791
October	2,039	1,437	1,369	1,132	964		1,388
November	80	364	224	93	534		259
December	595	14	-	-	2,237		949

Table 4. Bottomfish Angler Trips by Month and Year for the Mendocino Management Area from 2013-2018. Data are from CRFS. Data for 2018 are preliminary and incomplete.

Month	2013	2014	2015	2016	2017	2018	Average (2013-2017)
January	45	275	228	-	-	49	183
February	191	279	94	-	49	-	153
March	3,635	113	98	268	-	197	1,028
April	260	282	199	453	156	35	270
May	2,030	1,993	3,647	2,029	2,098	2,288	2,359
June	1,312	2,525	3,643	5,756	3,006	1,481	3,248
July	4,546	3,047	4,746	3,862	3,365		3,913
August	4,721	5,212	5,800	6,329	3,841		5,181
September	983	835	3,300	2,755	2,050		1,985
October	1,082	347	2,473	1,601	910		1,282
November	581	375	198	190	1,299		529
December	314	117	100	166	1,905		521

Table 5. Bottomfish Angler Trips by Month and Year for the San Francisco Management Area from 2013-2018. Data are from CRFS. Data for 2018 are preliminary and incomplete.

Month	2013	2014	2015	2016	2017	2018	Average (2013-2017)
January	276	764	240	-	388	1,276	417
February	687	52	135	548	209	380	326
March	447	292	288	-	46	584	268
April	496	407	2,354	3,228	3,039	3,754	1,905
May	1,708	1,960	6,192	7,694	5,912	6,958	4,693
June	8,408	13,545	8,705	8,110	7,113	3,911	9,176
July	14,965	22,856	13,927	10,156	8,587		14,098
August	13,887	11,721	16,845	12,169	11,308		13,186
September	11,791	12,911	12,384	8,509	9,525		11,024
October	7,487	6,605	8,930	5,284	4,974		6,656
November	12,728	10,272	7,161	7,734	14,033		10,386
December	6,260	4,559	3,117	6,551	11,767		6,451

Table 6. Bottomfish Angler Trips by Month and Year for the Central Management Area from 2013-2018. Data are from CRFS. Data for 2018 are preliminary and incomplete.

Month	2013	2014	2015	2016	2017	2018	Average (2013-2017)
January	1,133	4,073	2,109	1,071	1,291	1,672	1,935
February	2,027	2,128	1,487	1,436	287	1,403	1,473
March	2,131	3,887	2,204	2,335	1,301	1,350	2,372
April	699	749	9,699	11,120	9,434	8,985	6,340
May	12,089	17,335	11,414	15,304	10,910	9,593	13,410
June	16,652	17,917	13,113	16,518	11,883	11,079	15,217
July	23,407	22,652	17,140	26,603	17,597		21,480
August	20,280	20,213	17,897	16,786	16,007		18,237
September	13,439	14,286	11,368	13,733	10,594		12,684
October	14,330	10,961	9,234	10,536	9,736		10,959
November	17,246	12,850	9,511	5,511	8,929		10,809
December	12,334	6,204	4,786	9,309	9,155		8,358

Table 7. Bottomfish Angler Trips by Month and Year for the Southern Management Area from 2013-2018. Data are from CRFS. Data for 2018 are preliminary and incomplete.

Month	2013	2014	2015	2016	2017	2018	Average (2013-2017)
January	17,841	25,592	18,663	10,707	14,218	16,359	17,404
February	24,385	20,149	17,436	16,341	11,180	17,183	17,898
March	45,422	50,337	51,351	35,830	43,807	39,110	45,349
April	45,310	56,095	45,480	35,549	47,043	40,236	45,895
May	53,859	65,093	51,590	52,266	49,181	48,755	54,398
June	91,854	111,908	65,965	58,482	70,762	74,126	79,794
July	107,144	97,917	60,736	88,651	94,384		89,766
August	88,259	93,044	41,475	61,662	62,269		69,342
September	68,298	52,383	30,099	44,529	48,125		48,687
October	46,847	40,913	36,126	47,005	38,282		41,835
November	34,935	41,268	30,298	31,894	33,857		34,450
December	36,770	26,108	23,003	26,334	32,412		28,926