

**GROUND FISH MANAGEMENT TEAM REPORT ON RESEARCH AND INCIDENTAL
 OPEN ACCESS MORTALITY FOR COPPER AND QUILLBACK ROCKFISH SOUTH OF
 40° 10' N. LAT.**

The Groundfish Management Team (GMT) has reviewed the information in the Groundfish Expanded Mortality Multiyear (GEMM) Report as well as the background data from [Agenda Item E.3.a, GMT Report 2, November 2021](#) to determine the recent (2011-2020) species-specific mortality of copper and quillback rockfish from the nearshore rockfish complex south of 40° 10' N. lat. from research and incidental open access sectors. That data is in the tables below.

Table 1. Quillback rockfish south of 40° 10' N. lat. mortality (in mt) from research and incidental open access fisheries from 2011-2020.

IOA Sector	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	10-year Avg
Research	0.000	0.010	0.010	0.000	0.000	0.010	0.010	0.000	0.000	0.000	0.004
IOA	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000

Table 2. Copper rockfish south of 40° 10' N. lat. mortality (in mt) from research and incidental open access fisheries from 2011-2020. Note data separated at the 34° 27' N. lat. line is not currently available.

IOA Sector	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	10-year Avg
Research	0.080	2.140	0.130	0.100	0.250	0.340	0.520	0.280	0.120	0.000	0.396
IOA	0.017	0.098	0.228	0.219	0.103	0.109	0.217	0.386	0.077	0.076	0.153