

16. Assessment of the Other Rockfish stock complex in the Gulf of Alaska

[2019]

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[NOTE: In accordance with the approved schedule, no assessment was conducted for this stock this year, however, a full stock assessment will be conducted in 2021. Until then, the values generated from the previous stock assessment (below) will be rolled over for 2021 specifications]

Summary of Results

Tier 4 recommendation of ABC and OFL for sharpchin rockfish for 2020–2021.

Quantity	As estimated or specified last year for:		As estimated or recommended this year for:	
	2019	2020	2020	2021
M (natural mortality rate)	0.06	0.06	0.06	0.06
Tier	4	4	4	4
Biomass (t)	12,583	12,583	10,826	10,826
$F_{OFL} = F_{35\%}$	0.079	0.079	0.079	0.079
$\max F_{ABC} = F_{40\%}$	0.065	0.065	0.065	0.065
$F_{ABC} = F_{40\%}$	0.065	0.065	0.065	0.065
OFL (t)	994	994	855	855
$\max ABC$ (t)	818	818	704	704
ABC (t)	818	818	704	704
Status	As determined <i>last</i> year for:		As determined <i>this</i> year for:	
	2017	2018	2018	2019
Overfishing		n/a		n/a

Tier 5 recommendation of ABC and OFL for 17 OR species for 2020-2021.

Quantity	As estimated or specified last year for:		As estimated or recommended this year for:	
	2019	2020	2020	2021
M (natural mortality rate)	0.073	0.073	0.073	0.073
Tier	5	5	5	5
Biomass (t)	83,524	83,524	59,861	59,861
F_{OFL}	0.073	0.073	0.070	0.070
$\max F_{ABC}$	0.055	0.055	0.053	0.053
F_{ABC}	0.055	0.055	0.053	0.053

OFL (t)	6,097	6,097	4,190	4,190
maxABC (t)	4,573	4,573	3,143	3,143
ABC (t)	4,573	4,573	3,143	3,143
Status	As determined <i>last</i> year for:		As determined <i>this</i> year for:	
	2017	2018	2018	2019
Overfishing	n/a		n/a	

Tier 6 recommendation of ABC and OFL for nine OR species for 2020-2021.

Quantity	As estimated or specified last year for:		As estimated or recommended this year for:	
	2019	2020	2020	2021
Tier	6	6	6	6
OFL (t)	265	265	275 ¹	275 ¹
maxABC (t)	199	199	206	206
ABC (t)	199	199	206	206
Status	As determined <i>last</i> year for:		As determined <i>this</i> year for:	
	2017	2018	2018	2019
Overfishing	n/a		n/a	

¹Changes in the ABC and OFL values are due to changes in the catch by species estimates created by CAS, and not due to methodological changes in this assessment.

ABC and OFL recommendations for the full OR complex for 2020-2021.

All OR Combined	As estimated or specified last year for:		As estimated or recommended this year for:	
	2019	2020	2020	2021
Tier	4/5/6	4/5/6	4/5/6	4/5/6
OFL (t)	7,356	7,356	5,320	5,320
maxABC (t)	5,590	5,590	4,053	4,053
ABC (t)	5,590	5,590	4,053	4,053
Status	As determined <i>last</i> year for:		As determined <i>this</i> year for:	
	2017	2018	2018	2019
Overfishing	n/a		n/a	