

19. Assessment of the shark stock complex in the Gulf of Alaska

[2020]

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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 2022. Until then, the values generated from the previous stock assessment (below) will be rolled over for 2022 specifications]

Summary of Results

Spiny Dogfish Quantity	As estimated or <i>specified last year for:</i>		As estimated or <i>recommended this year for:</i>	
	2020	2021	2021	2022
<i>M</i> (natural mortality rate)	0.097	0.097	0.097	0.097
Tier	5	5	5	5
Biomass (t)	54,301	54,301	23,289	23,289
<i>F_{OFL}</i>	0.04	0.04	0.04	0.04
<i>maxF_{ABC}</i>	0.03	0.03	0.03	0.03
<i>F_{ABC}</i>	0.03	0.03	0.03	0.03
OFL (t)	10,343	10,343	4,436	4,436
maxABC (t)	7,757	7,757	3,327	3,327
ABC (t)	7,757	7,757	3,327	3,327
Status	As determined <i>last year for:</i>		As determined <i>this year for:</i>	
	2018	2019	2019	2020
Overfishing	No	n/a	No	n/a

Pacific sleeper, salmon and other sharks Quantity	As estimated or <i>specified last year for:</i>		As estimated or <i>recommended this year for:</i>	
	2020	2021	2021	2022
Tier	6	6	6	6
OFL (t)	570	570	570	570
maxABC (t)	427	427	427	427
ABC (t)	427	427	427	427
Status	As determined <i>last year for:</i>		As determined <i>this year for:</i>	
	2018	2019	2019	2020
Overfishing	No	n/a	No	n/a