

King Mackerel updated OFL ABC Yield Streams

SSC did not fully understand results at previous SSC, so it was re-addressed at this SSC meeting

Remember last king mackerel assessment used data through 2012. The only new information is the subsequent catches and subsequent projections using those catches

SEFSC was asked to provide candidate revisions to the yield streams based on the premise that the actual catches in the years 2013 and 2014 were less than what was projected for those years

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But that premise was incorrect. The original OFL and ABC projections assumed that the 2012 catches would occur in 2013 and 2014. But the actual catches were 26% HIGHER than in 2012 (on average). The original reference points and the updated reference points are in the table. Note that the updates does not mean an updated assessment. Rather it means that the projections were updated to accommodate the request that was made by the Council of the SSC

Table 1. Original king mackerel OFL/BC yield streams from SEDAR 36 and updated yield streams from 2016 projections presented to SSC in September 2016. Yields are in million pounds whole weight.

Fishing Year	Original OFL	Original ABC	Updated OFL	Updated ABC
2017	9.27	8.88	7.56	7.27
2018	9.11	8.71	7.57	7.24
2019	8.95	8.55	7.58	7.24

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So the higher catches in 2013-2014 result in lower reference points (the two right hand columns)

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But the SSC noted that this update request was not an update assessment and that these new results do not include many important variables

Therefore, the SSC affirmed that the king mackerel OFL and ABC for 2017-2019 be as they were given in the two left hand columns and that these be the basis of future management actions