

Economic Status of BSAI Crab Fisheries, 2019 (2020)

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NOAA FISHERIES SERVICE

2019 Crab Economic SAFE Overview

- Executive Summary
- Economic Status and Trends
 - Economic output production and value, by sector
 - Vessel and processing labor income and employment
 - Harvest sector operating costs and financial performance
 - IFQ/CDQ lease market, QS market and holdings
 - Fishing capacity and effort
 - International trade king and snow crab

Economic SAFE availability



https://www.afsc.noaa.gov/REFM/Socioeconomics/SAFE/default.php

or

https://www.fisheries.noaa.gov/alaska/sustainable-fisheries/alaska-crabstock-assessment-and-fishery-evaluation-reports

SSC Comments (February, 2020)

...The SSC appreciates the data overview provided in the Crab Economic SAFE, though it has fallen behind the Groundfish Economic SAFE in the presentation and accessibility of information.

Note that the Crab Economic SAFE integrates and summarizes fishery data from a broad array of sources, including EDR data, and provides a relatively comprehensive annual report on broad aspects of economic performance. Current edition limited to updating time-series in tables/figures, no new content. Efforts will continue to improve analytical content and presentation.

...Fishery-specific, index-based report cards are being developed, but aggregating these across fisheries, and considering additional metrics, would improve accessibility of the SAFE. ...suggests that the analyst explore ways to present indices or percentages to allow identification of trends, even when table cells cannot be displayed.

Report card metrics have been developed for SMB and BBR ESPs with emphasis on long time-series; guidance requested on specific metrics/aspects of performance to highlight in reportcard-type figure(s)

SSC Comments (February, 2020)

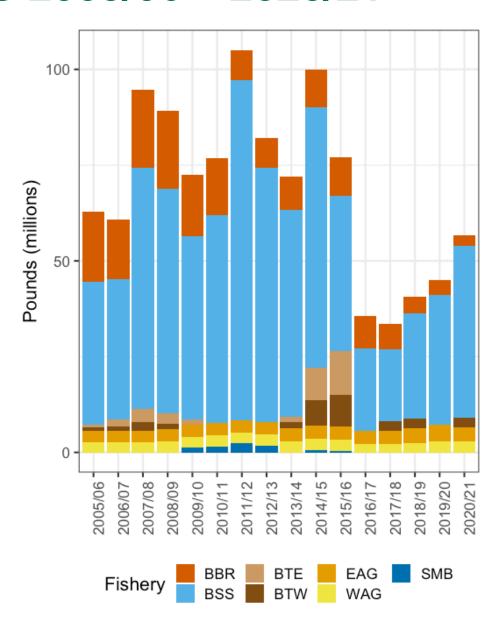
...SSC looks forward to completion of the quota ownership decomposition effort, which will allow better tracking of who is capturing the ownership benefits of the crab fishery.

Not yet completed for public release.

...[SSC] recommendation regarding local and traditional knowledge relevant to the Norton Sound red king crab fishery.... [and] development of a quantitative baseline of annual community engagement and dependency for the Norton Sound red king crab fishery... remains an outstanding request.

LK/TK and community engagement/dependency analyses of NSRKC fishery to be addressed in separate initiatives from SAFE report; community-specific content for crab fisheries to be added

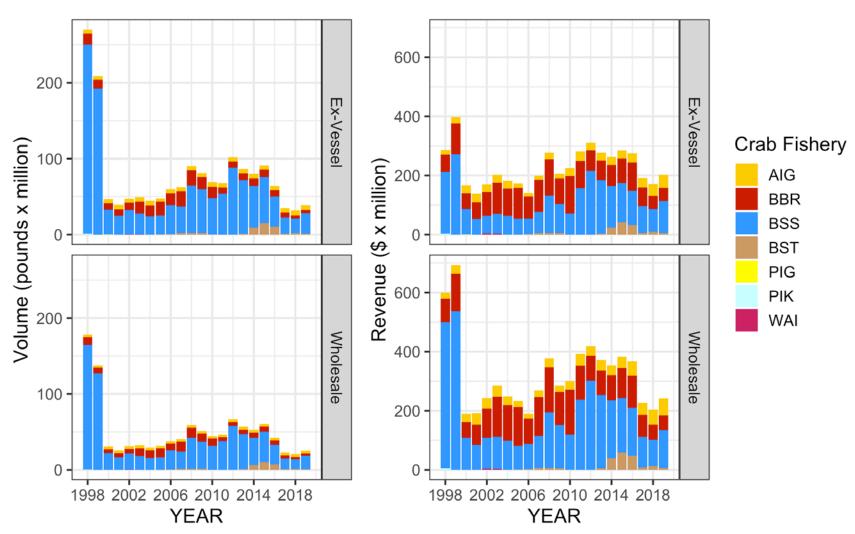
TAC 2005/06 - 2020/21



2018 Production & Value

Production Volume, All Fisheries by Sector

Gross Revenue, All Fisheries by Sector

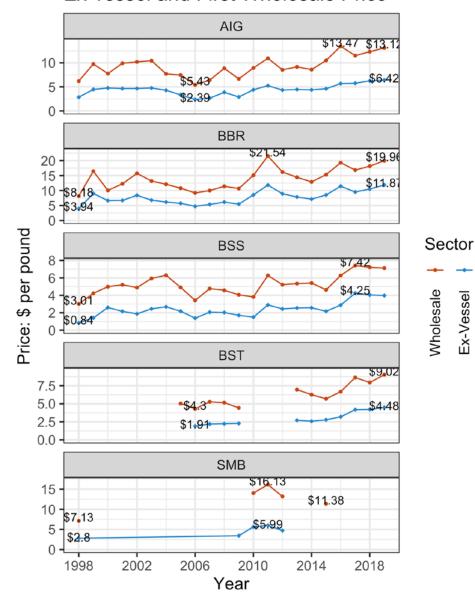


Ex-vessel & Wholesale Price

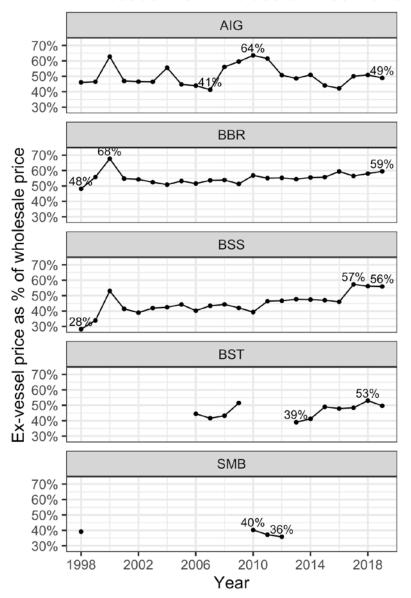
Wholesale

Ex-Vessel

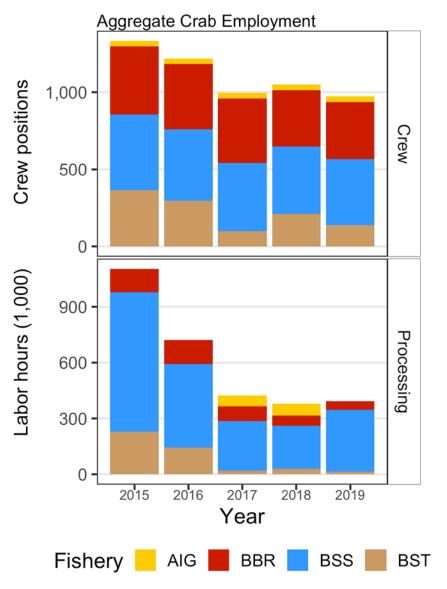
Ex-vessel and First Wholesale Price

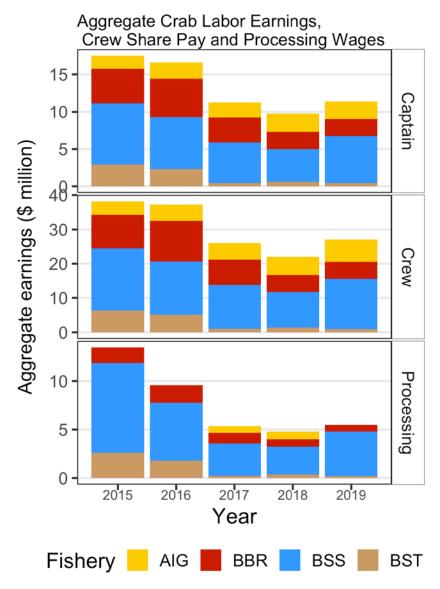


Ex-vessel/First Wholesale Price Ratio

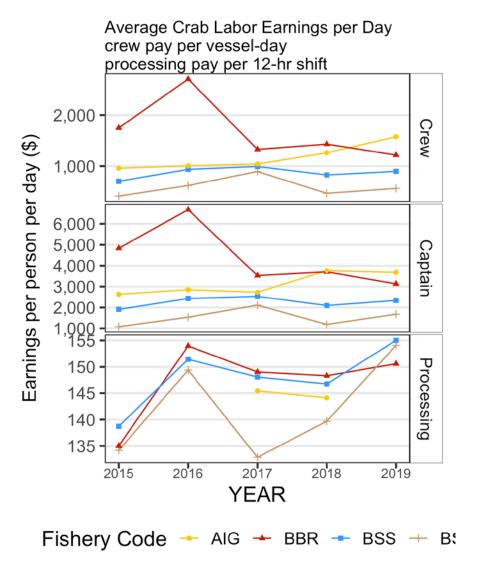


2018 Employment & Income (CR program)

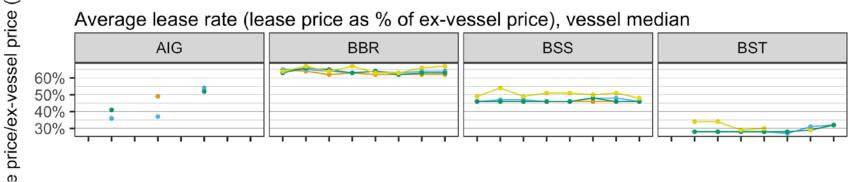




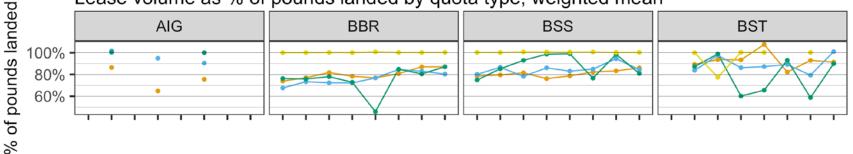
2018 Employment & Income (CR program)





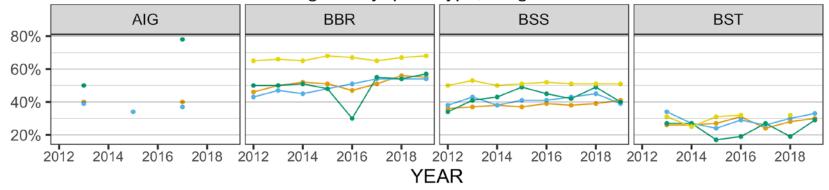


Lease volume as % of pounds landed by quota type, weighted mean

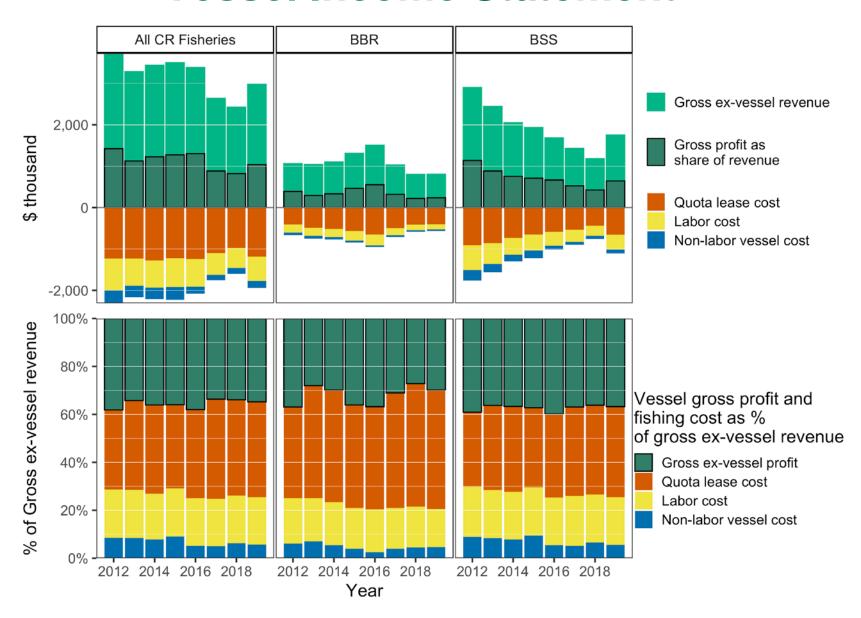


Lease cost as % of ex-vessel gross by quota type, weighted mean

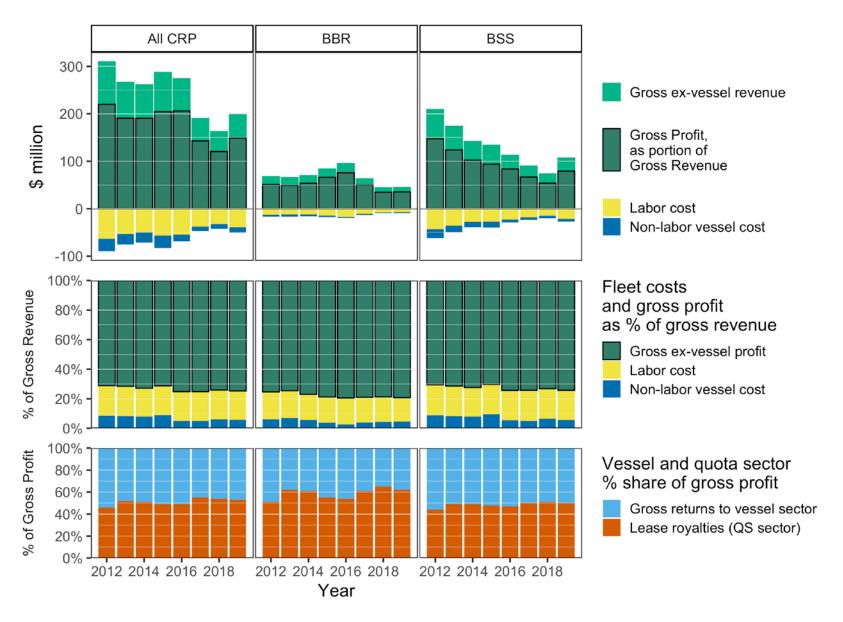
% of ex-vessel revenue



Vessel Income Statement



Fleet Income Statement



ESPs

BBR & SMB completed for 2020 BSS planned for 2021

2020 ESP Indicators

Fishery Performance Indicators
CPUE

Total Potlift

Vessels active in fishery

Male bycatch biomass

Economic Indicators

TAC Utilization (%)

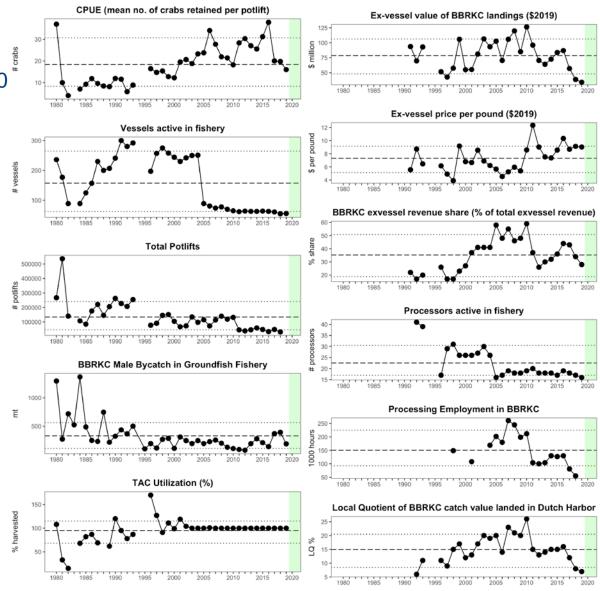
Ex-vessel value of landings

Ex-vessel price per pound

Ex-vessel revenue

Community Indicators

Processors active in fishery
Processing Employment
Local Quotient



Discussion

Priorities for 2021 SAFE:

- Report card metrics, ESP integration
- Price forecasts & current-year estimates
- Processing sector income analysis
- Community-level income/employment
- Include crab market profiles section
- Improve consistency with Groundfish Econ SAFE
- Council EDR Review
- Prepare for CR Program Review support (2023)