

# Crab SAFE: Economic Status Report 2019

Presented by:

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# 2019 Crab Economic SAFE Overview

- Executive Summary (SAFE Report extract)
- Economic Status and Trends
  - Economic output
    - TACs, landings, ex-vessel and finished product volume
    - Ex-vessel and first wholesale revenue and average prices
  - Income and employment
  - Operating costs and Income Statement (New)
  - Quota Market and Holdings
  - Fishing capacity and effort
  - International trade

# **Economic SAFE availability**



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

# **SSC Comments**

...recommends that [net earnings] be developed for the processing sector as well. The SSC also recommends that the Crab SAFE include report card indices that parallel those in the groundfish SAFE. The SSC notes that these indices do not need to be the same as those of the groundfish SAFE but should be informative about the current performance of the crab fisheries relative to past performance. The SSC also recommends that data presented in the Crab Economic SAFE tables be available for download by the public, similar to the data in the Groundfish SAFE."

- Very limited cost data available for crab processors.
- Report card indices will de developed for May CPT meeting
- New! Executive Summary data available online via AKFIN: https://reports.psmfc.org/akfin

## **SSC Comments**

"The upcoming crab SAFE analysis of the extent of quota leasing, the degree to which quota is being fished by leaseholders rather than quota owners, and how ownership patterns have changed over time should include a disaggregation to the community level where possible. This would allow time series tracking of the flow of ownership among communities and analysis of trends (e.g., quota moving from smaller to larger communities over time). Vessel ownership by community should be similarly tracked on an annual basis in the SAFE document to allow the identification of trends, as should the number of reductions in the amount of employment throughout the fisheries noted (e.g., the number of crew positions decreasing by 10%)."

Ownership decomposition still in development; spatial disaggregation of results will be addressed as possible.

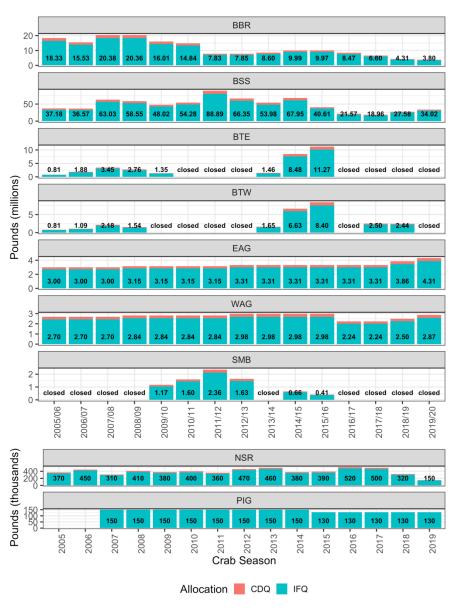
## **SSC Comments**

"It should be clarified that an increase in price does not mitigate all community impacts of the decrease in vessel and processing activity that would accompany such a large decrease in TAC...

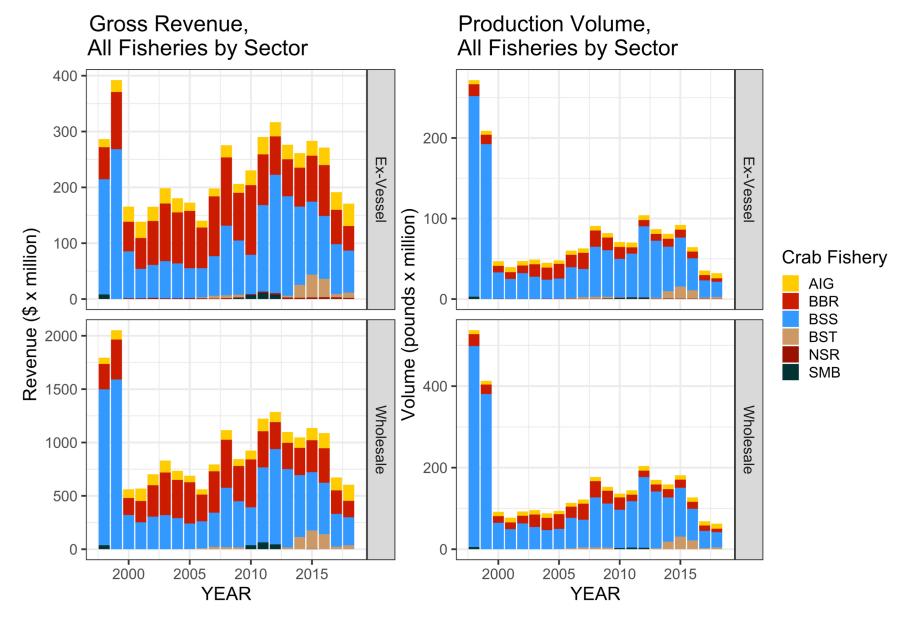
SSC suggests that information on average daily and total seasonal wages be provided by community and tracked over time. Similarly, clarification is needed on the relationship between the attribution of a decrease of 33% in processing hours in 2016 compared to the previous year to "the decrease in TACs across all stocks" and the decrease in median processing wages seen that was stated "as most likely due to increased efficiencies in processing procedures and a resultant decrease in overtime pay."

Crab processing labor statistics generally cannot be disaggregated to community level due to confidentiality limits.

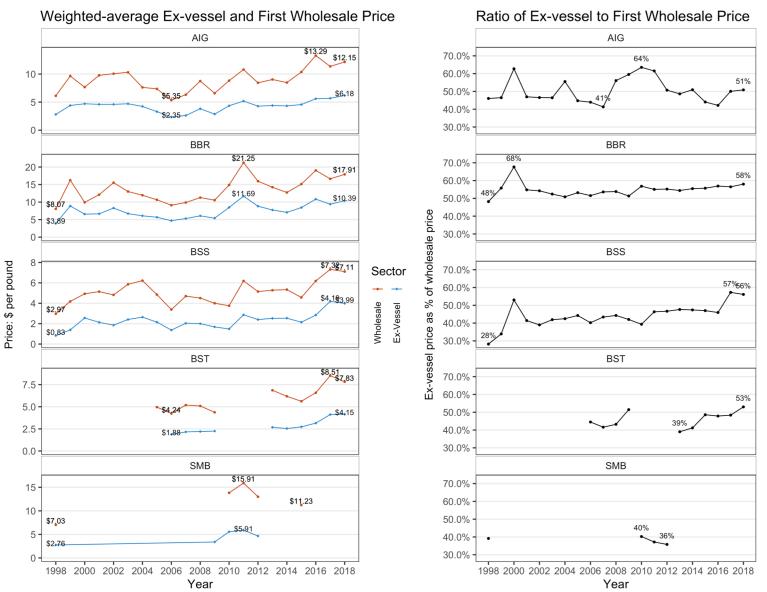
# TAC 2005/06 - 2019/20



# 2018 Production & Value

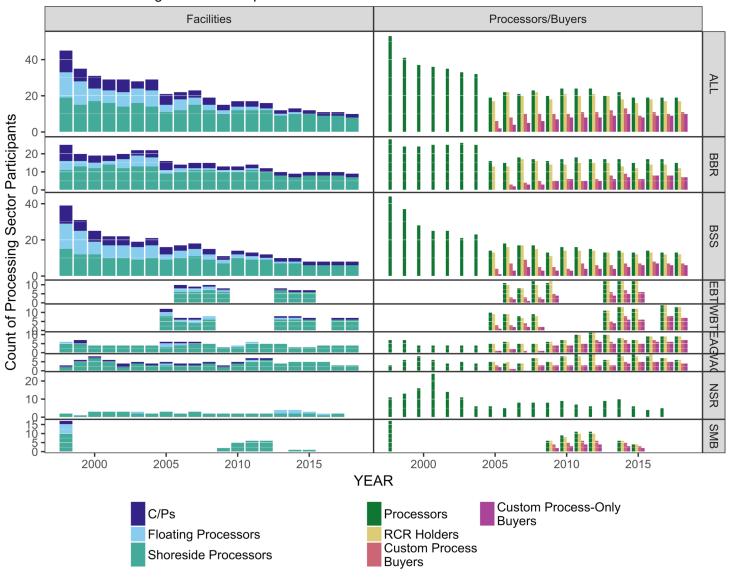


# 2018 Ex-vessel & Wholesale Price

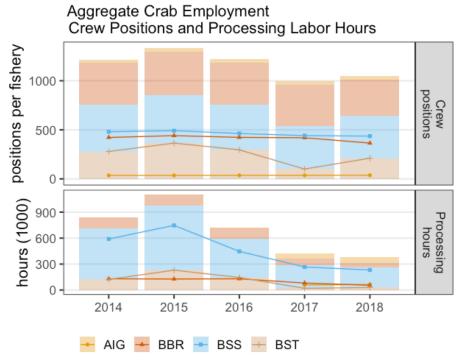


# **Processing Capacity**





# 2018 Employment & Income (CR program)



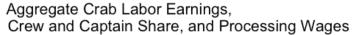
#### Harvest sector

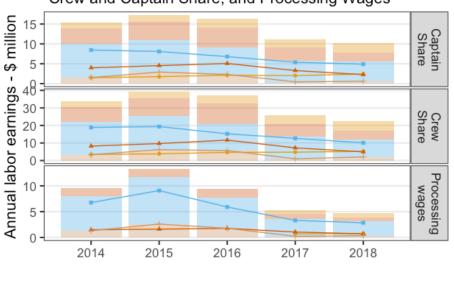
- 67 active vessels, 55 in CR
- Crew positions 1,049
- 788 thousand hours
- \$22 million in crew share
- \$10 million captain share

#### **Processing Sector**

- 382 thousand hours
- \$4.7 million in wages
- Median processing wage \$11.85
- 11.01 labor hrs/1000 lbs
- \$145 labor cost/1000 lbs

# 2018 Employment & Income (CR program)





AIG - BBR - BSS - BST

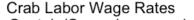
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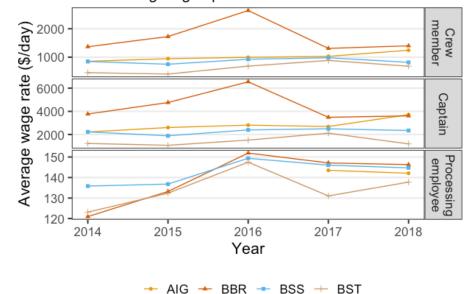
#### **Processing Sector**

- 382 thousand hours
- \$4.7 million in wages
- Median processing wage \$11.85
- 14.2 labor hrs/1000 lbs
- \$188 labor cost/1000 lbs

# 2018 Employment & Income (CR program)



- -Captain/Crew share earnings/vessel-day
- -Processing wages per 12-hr shift



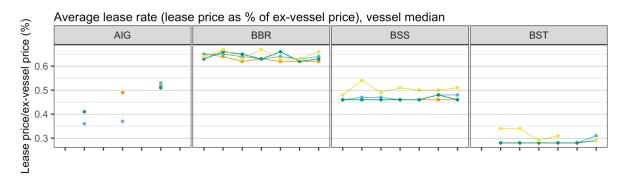
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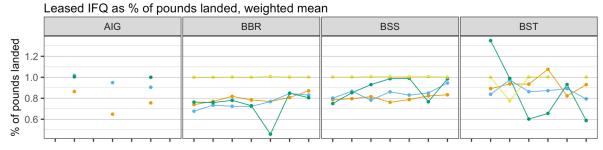
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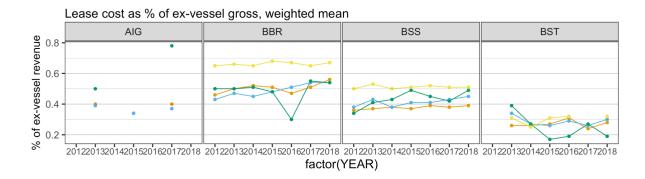
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# **IFQ Lease Activity and Rates**

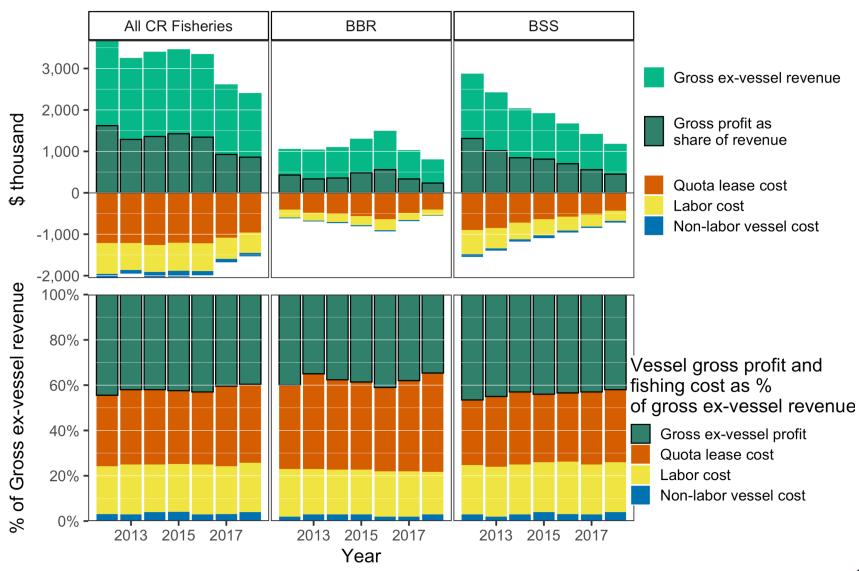




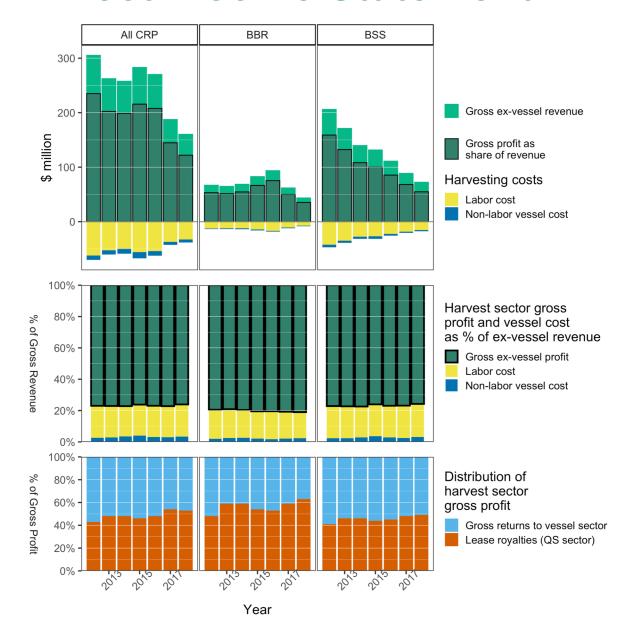


- BBR CVO A: 62-63%
- BSS CVO A: 46%
- Over all QS:
  - 81-88% Leased
  - 39-42% Gross

# **Vessel Income Statement**



# Fleet Income Statement



# **Discussion**

### Priorities for 2020 SAFE:

- Report card metrics, ESP integration
- Price forecasts & current-year estimates
- Demographics (Community chapter)
- Processing sector income analysis
- Council EDR Review

# **ESPs**

- Candidate stocks
- Standardize figs

#### Saint Matthew Island blue king crab Socioeconomic Indicators

