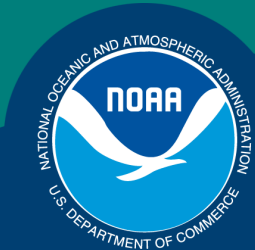


Science, Service, Stewardship



Economic Status Report Summary: BSAI Crab 2014

Crab Plan Team Meeting

September 17, 2014

Brian Garber-Yonts

Economics and Social Science Research Program,
AFSC

**NOAA
FISHERIES
SERVICE**

2013 SAFE Economic Status Reports available at:

<http://www.afsc.noaa.gov/REFM/Socioeconomics/SAFE/default.php>



The screenshot shows the NOAA Fisheries Alaska Fisheries Science Center website. The header includes the NOAA logo and the text "NOAA FISHERIES | ALASKA FISHERIES SCIENCE CENTER". Below the header is a navigation menu with links for "General Info", "Species", "Programs", "Publications", "Data & Tools", "Images", "Education & Outreach", and "Search". The main content area is titled "Economic and Social Sciences Research" and "Annual Economic Status Reports from the Stock Assessment and Fishery Evaluations". It features two sections: "Groundfish Fisheries of the Gulf of Alaska and Bering Sea/Aleutian Islands Area" and "King and Tanner Crab Fisheries of the Bering Sea and Aleutian Islands Regions". Each section has a list of links for "Most recent Economic Status Report (December 2013)", "Previous reports", "Data downloads", and "User feedback survey". On the right side, there is a sidebar menu with links for "REFM Home", "Socioeconomics", "Research", "Publications", "Posters", "Economic Status Reports", "Data Collection Programs", "Alaska Community Profiles", "Bibliography", "Resources", and "Personnel".

NOAA FISHERIES | ALASKA FISHERIES SCIENCE CENTER
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

General Info Species Programs Publications Data & Tools Images Education & Outreach Search

Economic and Social Sciences Research

Annual Economic Status Reports from the Stock Assessment and Fishery Evaluations

[Groundfish Fisheries of the Gulf of Alaska and Bering Sea/Aleutian Islands Area](#)

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REFM Home

Socioeconomics

- Research
- Publications
- Posters
- Economic Status Reports
- Data Collection Programs
- Alaska Community Profiles
- Bibliography
- Resources
- Personnel

BSAI Crab SAFE Economic Status Report

Economic Output

- Annual TAC/GHL, Landings, Deadloss, and Finished Product Volume
- Ex-vessel and First Wholesale Prices and Revenue Value of Production

Income and Employment

Operating, Production, and Capital Costs

Quota Holdings, Sales, and Leasing Activity

- QS/PQS Holding
- Harvest Quota Lease Activity and Average Prices
- Quota Share Sale Transfers and Average Prices
- IFQ and QS Price Comparison

Fishing Capacity, Effort, and Efficiency

Concentration of Catch Volume

International Trade in Crab Commodities

Catch-share Program Economic Performance Metrics

- IFQ quota and landings
- Utilization of available IFQ
- Number of entities holding IFQ crab share
- Active vessels fishing IFQ
- Number of trips harvesting IFQ Crab
- Season lengths
- Total IFQ-crab and non-IFQ-crab landings revenue
- Average combined IFQ crab price per pound
- IFQ crab revenue per vessel
- IFQ Crab revenue per trip

Price and Revenue Forecasts

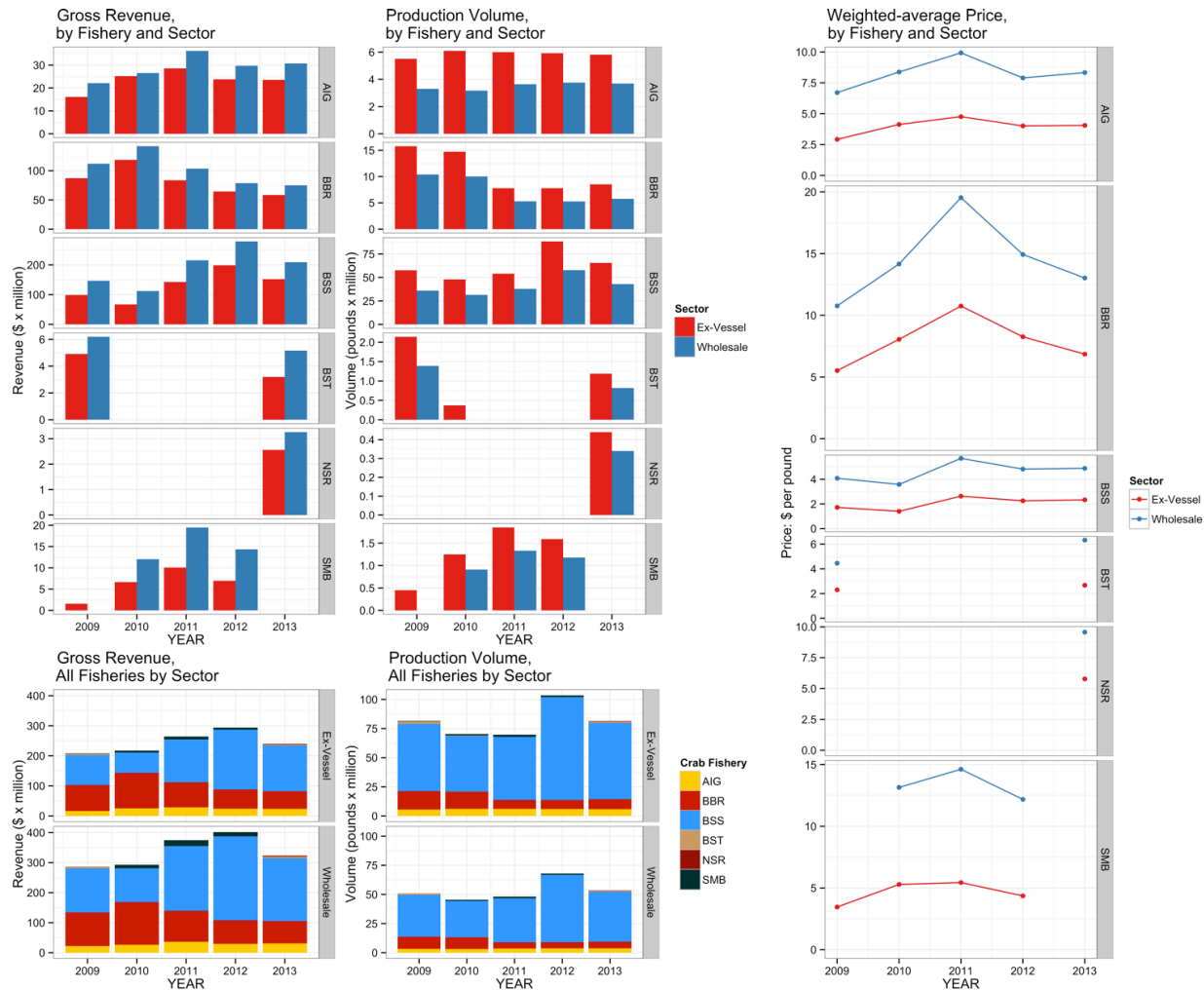
Summary of key economic indicators: Production and sales, 2013 BSAI crab fisheries

- Ex-vessel landings
 - 81 million pounds (37.0 thousand *mt*), -21% Y/Y
 - \$240 million, -18% Y/Y
- Finished production volume
 - 54 million pounds (24.3 thousand *mt*), -21% Y/Y
 - \$402 million, -19% Y/Y
- Price per pound
 - AIG: \$4.05 Ex-vessel (+1%)
\$8.33 WS (+5.4%)
 - BBR: \$6.85 Ex-vessel (-17%)
\$13.02 WS (-12.8%)
 - BSS: \$2.33 Ex-vessel (+3.6%)
\$4.88 WS (+1.2%)



Source: ADF&G fish tickets, eLandings, CFEC pricing, ADF&G Commercial Operator's Annual Report, NMFS AFSC BSAI Crab Economic Data Report (EDR) database. All dollar values are adjusted for inflation to 2013-equivalent value.

Summary of key economic indicators: 2009 – 2013 production and sales by BSAI crab fishery



Summary of key economic indicators: crab employment and earnings, (PRELIMINARY) 2013 CR fisheries

- Harvest sector

78 active vessels over all CR fisheries (from 83 in 2012)

Crew positions: 1093 (from 1081 in 2012)

note: aggregated over distinct counts for each CR fishery

Crew share earnings: \$30.9 million (-22% Y/Y)

Captain share earnings: \$15.7 million (-14% Y/Y)

- Processing sector

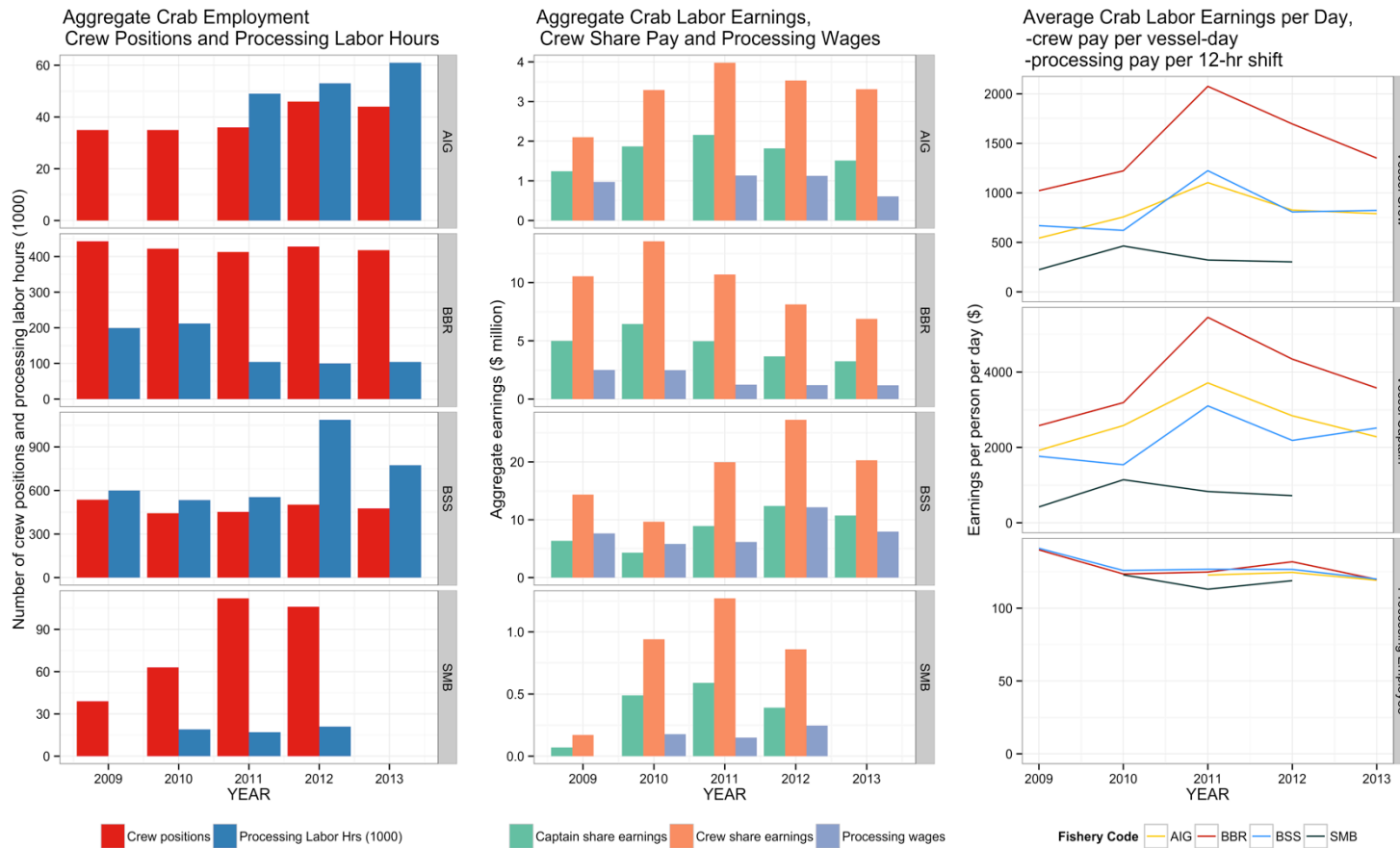
Paid hours: 956 thousand (-24% Y/Y)

Processing labor wages: \$9.91 million (-33% Y/Y)

Estimated hourly wages declined approx. \$0.45-\$1.00/hr (4-9% decline)

Source: NMFS AFSC BSAI Crab Economic Data. Crew positions from eLandings. All dollar values are adjusted for inflation to 2013-equivalent value.

Summary of key economic indicators: crab employment and earnings, 2009-2013 CR fisheries

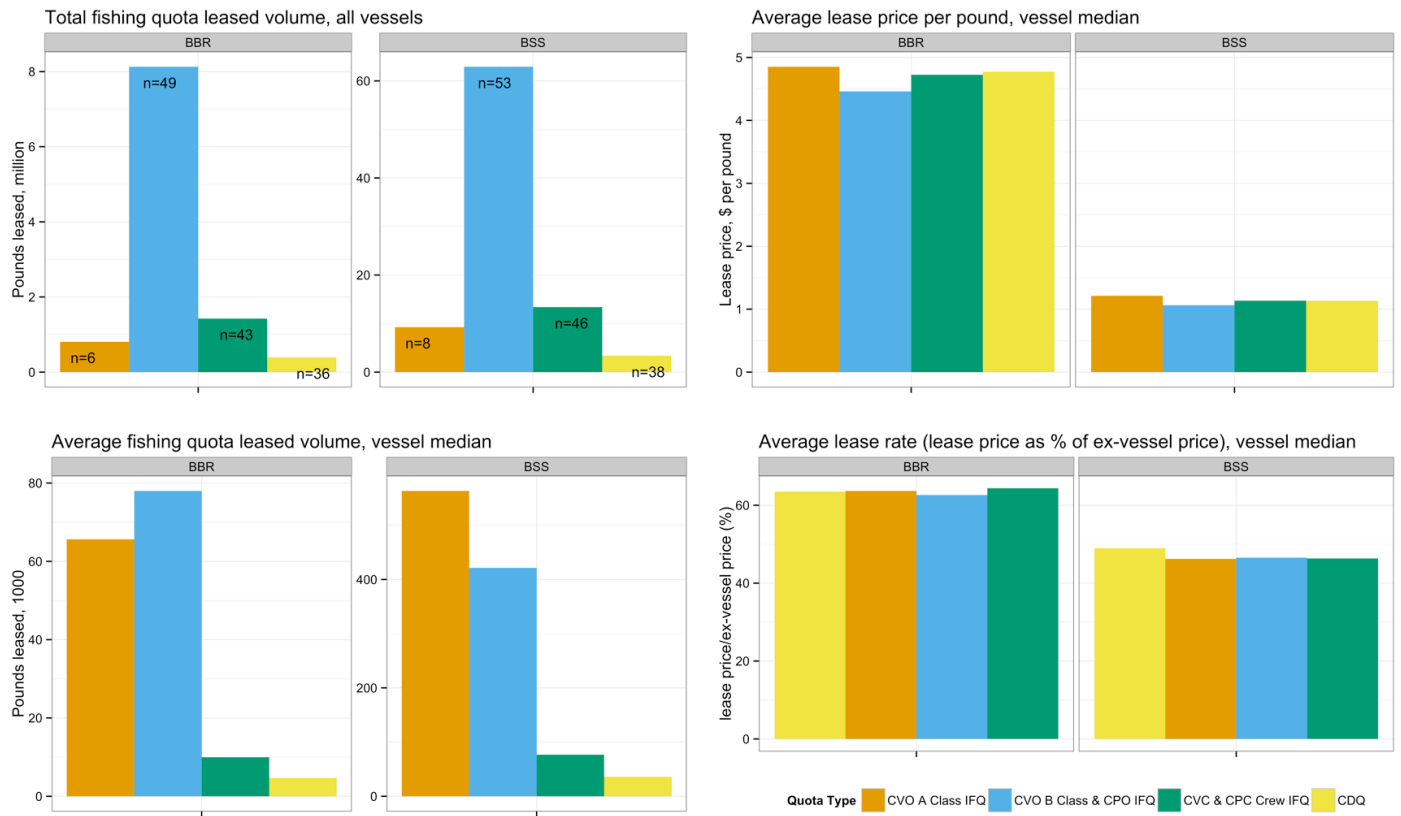


Summary of key economic indicators: crab IFQ lease activity (PRELIMINARY), 2013 BBR and BSS fisheries

- BBR Fishery
 - 10.7 million pounds leased (+14%)
 - \$49.5 million (+4%)
 - \$4.46-\$4.85 per pound (median)
 - 63-64% of ex-vessel price (median)
- BSS Fishery
 - 88.9 million pounds leased (-24%)
 - \$98.7 million (-17%)
 - \$1.06-1.21 per pound (median)
 - 46-49% of ex-vessel price (median)

*Source: NMFS AFSC BSAI Crab Economic Data. Crew positions from eLandings.
All dollar values are adjusted for inflation to 2013-equivalent value.*

Summary of key economic indicators: crab IFQ lease activity (PRELIMINARY), 2013 BBR and BSS fisheries



Summary of CPT/SSC review recommendations, 2013 report

CPT, 9/13:

- Extend price forecasts to 5 years

Forecast methods currently under re-evaluation

SSC, 10/13:

"The SSC believes it would be very valuable if the authors of the Economic SAFE reports(s) could be present during the annual Council meeting cycle to provide the SSC with the opportunity to formally interact with them."

"...suggests that the AFSC undertake modifications to the Economic SAFE documents... to accommodate and reflect new Small Business Administration mandates to employ separate thresholds to determine the relevant size of the directly regulated entity for RFA."

SSC, 2/14:

"the accessibility of the document would be enhanced by the further development of the Executive Summary and inclusion of a more formal Economic Report Card at the start of the document that emulates the very helpful compilation of summary information and Ecosystem Indices at the beginning of the Ecosystems Considerations chapter in the BSAI/GOA Groundfish SAFE."

"As with the groundfish SAFE, it would be useful to have retrospective information on where, broadly, Alaska fisheries benefits accrue through tracking the communities in which their participants live. In particular, it would be informative to identify where quota owners, harvesters, crew, and processing workers live. Relevant scales for reporting might be Alaska, Pacific Northwest, U.S., or foreign residency."

"...the SSC requests an annual update of the Economic SAFE documents at future February SSC meetings."