

EVALUATION: STEPPING BACK AND TAKING STOCK

PFMC – 5 YEAR GROUND FISH TRAWL CATCH SHARE PROGRAM REVIEW

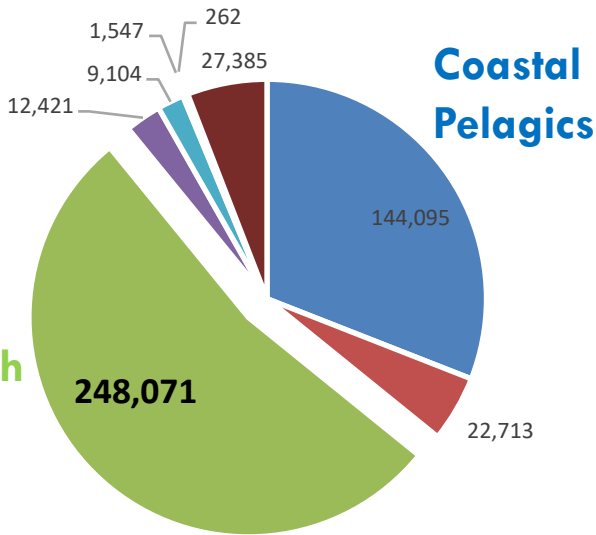
Oct 15, 2018

Jim Seger
PFMC – Staff
Economist

CONTEXT: PACIFIC AREA COMMERCIAL FISHERIES

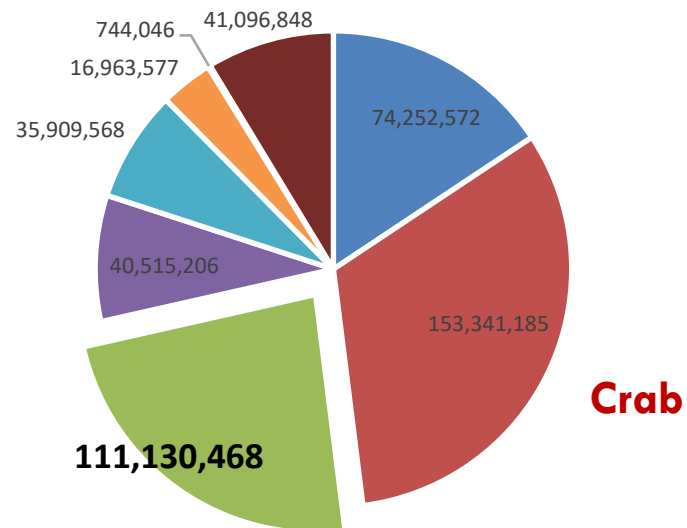
- Annual Average MT and \$ (2008-2017)

Metric Tons



- Coastal Pelagic Species
- Groundfish
- Crab
- Highly Migratory Species
- Salmon
- Shellfish
- Shrimp

Exvessel Value

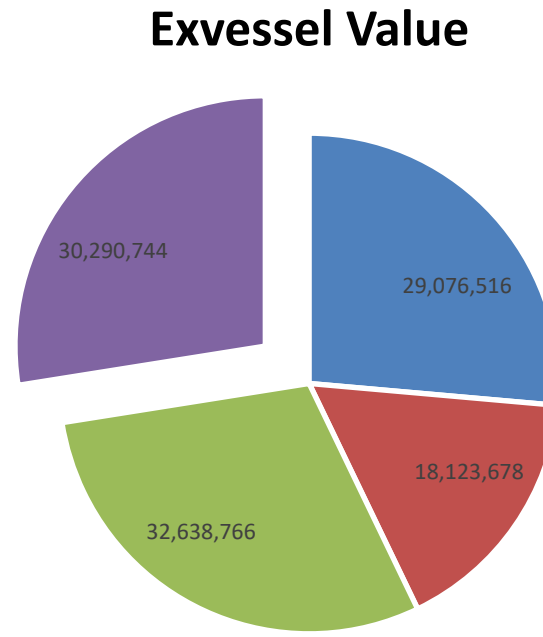
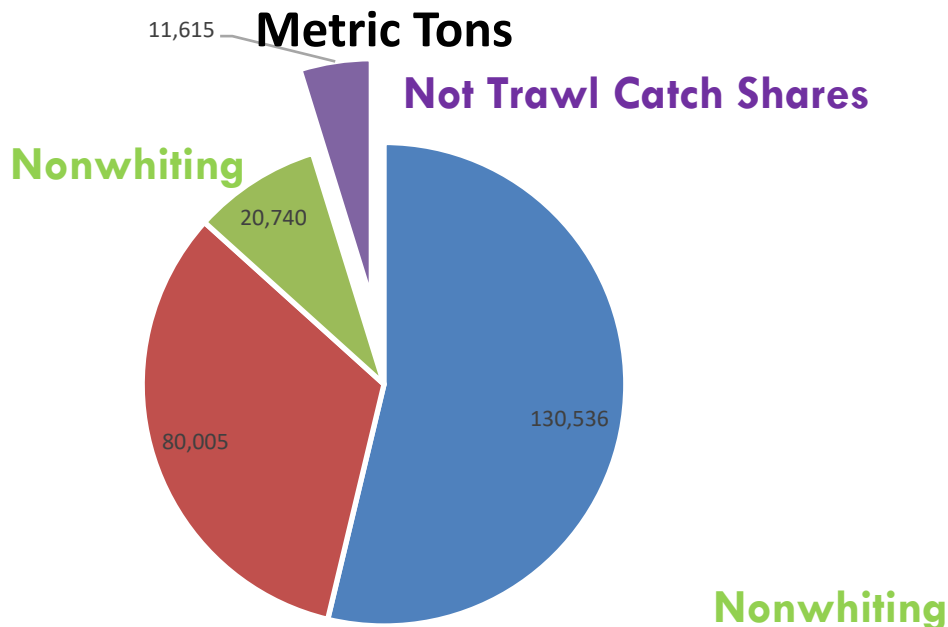


- Coastal Pelagic Species
- Groundfish
- Crab
- Highly Migratory Species
- Salmon
- Shellfish
- Shrimp



CONTEXT: COMMERCIAL GROUNDFISH FISHERIES

- Over 90 species
- Annual Average MT and \$ (2008-2017)

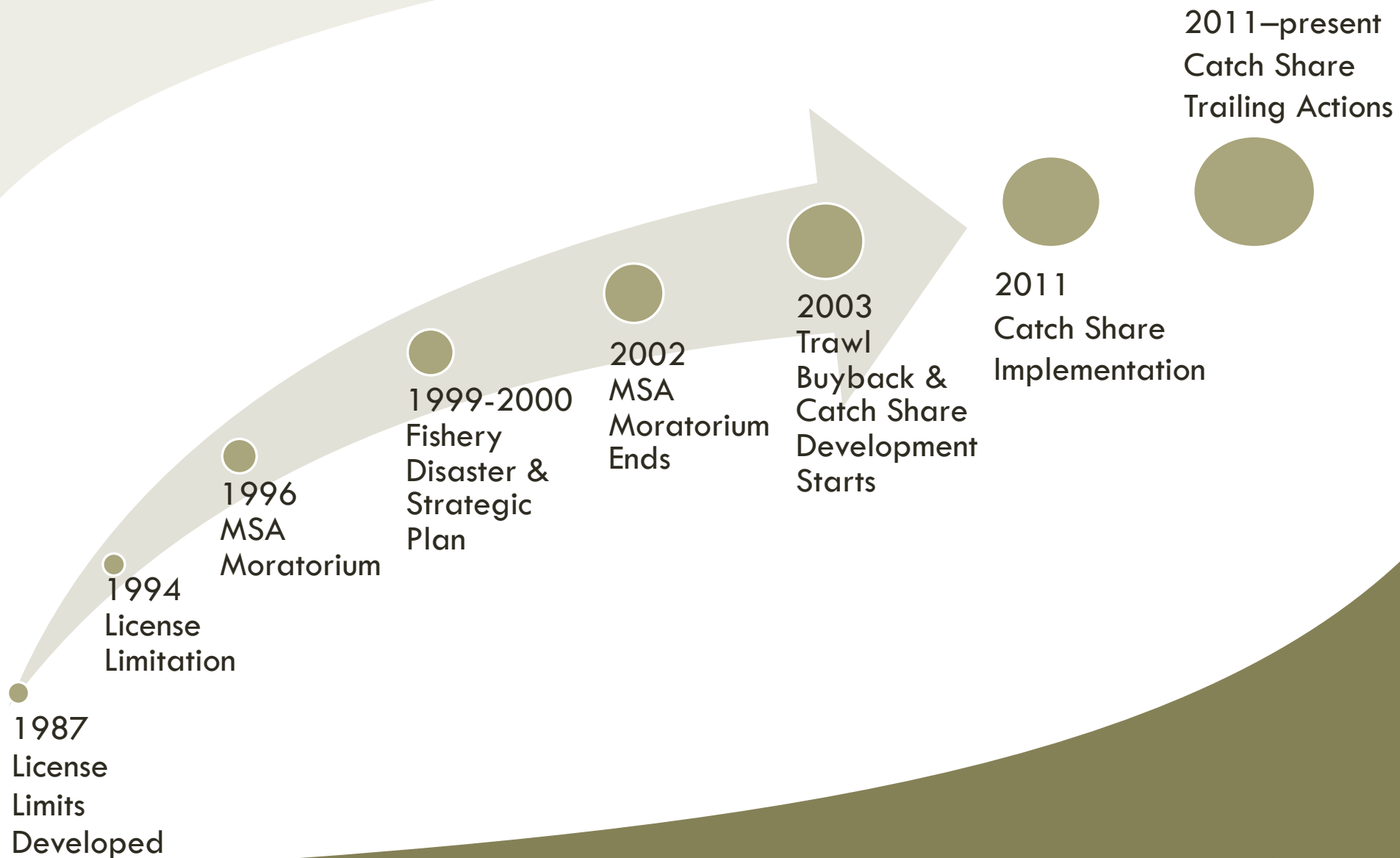


- Whiting At-Sea
- Whiting Shoreside
- NonWhiting Shoreside
- Other Sectors

- Whiting At-Sea
- Whiting Shoreside
- NonWhiting Shoreside
- Other Sectors



CONTEXT: GROUND FISH MANAGEMENT HISTORY



CONTEXT: TRAWL CATCH SHARE PROGRAM

Shoreside (IFQ)

30 spp/spp
groups

Quota shares
freely tradeable

Access: transfer
QP to vessel

Mothership (Co-op)

Whiting + 4
rockfish

Quota attached to
permit

Access: Join co-
op/Declare non-
co-op

Catcher Processor (Co-op)

Whiting + 4
rockfish

Quota assigned to
sector

Access: continue to
participate in pre-
existing co-op

100% Observer
Coverage

100% Monitoring
of Shoreside
Landings

**New/
Expanded
Data Collections**

Mandatory
Submission of
Economic Data
(starting 2009)

Voluntary Social
Science Survey

REVIEW PROCESS (2016-2018)



REVIEW DOCUMENT

Collaboration of Science Center, Region & Council Staffs

Chapter 3.0 - Main body of the analysis

- Economic Performance
- Community Performance
- Environmental Performance
- Program Management Performance

- Table in Exec Sum cross indexes to sections of main body:
 - Catch Share FMP Amendment Goals, Objectives, and Constraints
 - MSA National Standards
 - Catch Share Review Policy: Key design components (MSA 303A)



REVIEW DOCUMENT

500 pages of main text

200 pages of appendices



Info on goals
and objectives



Few concise
conclusions



CHALLENGES TO CONCISE CONCLUSIONS

- No counterfactual – correlation not generally sufficient to establish cause
- Before-and-after approach
- In depth studies needed to investigate cause & effect



EXECUTIVE SUMMARY - CENTRAL QUESTIONS

1. How did **net benefits to the nation** derived from this fishery change after implementation of the catch share program?
2. How did **financial outcomes for participants** in the fishery change following catch share program implementation?
3. Did the **distribution** of cost, revenues, effort, and net benefits **among fishery participants** (including communities and user groups) change?
4. Did **utilization rates** for specific species change following catch share program implementation?

Analysts added “Other” to capture some safety findings



Reflection



Lead with sociological information?



REVIEW DOC – FINAL THREE CHAPTERS

4. Research and Data Needs
5. Recommendations
6. Next Steps



4.0 - R & D

Data:

- QS Owners Missed by Surveys
- Catcher Processor Ownership Information
- QA/QC on Quota Transactions Database
- More Data on Administrative Costs

Research:

- IFQ/Non-IFQ Conflicts South of 36° N. lat.
- Effects of Accumulation Limits on Efficiency and Social Objectives
- Research on Causes of Changes (Before/After)
- Reassess Need for 100% Observer Coverage



5.0 - RECOMMENDATIONS

Follow-on Package

- At-sea Fishery Bycatch Needs
- Shorebased Accumulation Limits
- Increasing Attainment by the Shorebased Sector
- Relief from Annual Vessel Quota Limits
- Catcher Processor Accumulation Limit
- New Data Collections

Catcher Processors and QS Owners



Reflection



Focused attention –
surfacing and moving forward



6.0 - NEXT STEPS

- Processes and timelines for addressing needs and recommendations.



Reflection



Passing/spreading institutional knowledge



