

Economic and Community Impact Analysis Outline Discussion Points

A valuable consideration for developing alternatives for the Salmon FMP is getting a sense of how Cook Inlet communities rely upon and are impacted by the drift gillnet fishery. In addition to the information already in section 4 of the discussion paper about community impacts, the Cook Inlet Salmon Committee can provide recommendations on additional information, questions, concerns, trends, analyses, patterns, etc., about communities and impacts that staff could include in the analysis.

Questions to the Committee:

- 1) How far back do we want to go in exploring data analyses of economics and communities?
- 2) What significant events do we need to include on a timeline of Cook Inlet and fisheries (e.g., changes in management, shifts in market demand, environmental disasters, etc.)?
- 3) Which communities in particular should we include for community level impacts?
- 4) Beyond harvesters and processors, which aspects of communities should be incorporated? Is it important to include indirect effects of fishing on communities? If so, expanded contribution from sport fishing?

Currently included in the discussion paper:

- 1) Ex-vessel values over time (2007 - 2016) by species.
- 2) Discussion on nuances surrounding price per pound trends over time.
- 3) Crew size estimates (direct employment) (1997 - 2016; source Alaska Dept of Labor)
- 4) Brief mention of permit ownership residency (77% of ex-vessel revenue to AK residents in 2016)
- 5) Summary of fisheries taxes (by percent not actual amounts to different communities)
- 6) Average earnings from DGN versus other fishing in Cook Inlet
- 7) Distribution of catch (pounds) by community to which it was delivered
- 8) S03H permit (nominal) value over time (1982-2016)
- 9) Table (4-4) of active permits, catch, (nominal?) ex-vessel earnings, number of processors, etc.

Potential metrics for exploring dependence of communities on CI salmon fishing

- 1) Proportion of a community's total direct revenues ("wages") from salmon fishing versus total
- 2) Proportion of a community's total direct revenues ("wages") from drift gillnet fishing versus total salmon income
- 3) Proportion of a community's total direct revenues ("wages") from EEZ drift gillnet versus total drift gillnet income
- 4) Deliveries to each community / processor - how do these break out to affect community? Which metrics to consider?
- 5) Employment
- 6) Taxes
- 7) Other?

Potential metrics for exploring the engagement of different communities

- 1) Proportion of community involved directly and indirectly in fishery
 - a) Explore permit activity, value, residency
- 2) History of the fishery in the community

Potential FMP measures affected as changes in

- 1) Access to fish
- 2) Change in revenue
- 3) Costs for observers, registration costs, etc
- 4) Effects on salmon abundance

Sectors involved

- 1) Drift gillnetters
- 2) Other commercial fishers
- 3) Processors
- 4) Catchers that direct market
- 5) Sport, subsistence, personal-use groups