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# Northwest Fisheries Science Center Fisheries

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# Fisheries

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- Fixed gear groundfish
- Trawl groundfish – recent catch share program
- Open access groundfish
- State fisheries
  - Crab
  - Shrimp
  - Halibut
- Many trawlers fish on the West Coast and in Alaska

# Data Collection Programs

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- Voluntary data collections
  - Fixed gear groundfish
  - Open access groundfish
  - Trawl groundfish
- Mandatory data collections
  - Catch shares program
    - Baseline collection – 2009 and 2010
    - Ongoing annual collection

# Trawl Rationalization Program: Participants

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- Catcher Vessels
  - At-sea
  - Shoreside
    - Hake
    - Other groundfish
- Catcher Processors
- Motherships
- Shoreside Processors and First Receivers

# Trawl Rationalization Program: Characteristics

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- Over 70 species
- EDC has ~25 species groupings
- How do we define panels?
- Participate in multiple fisheries (NW federal, NW state, AK federal)
- Gear switching in catch share fishery
- Accumulation limits
- 200% monitoring of catch share fishery
- Skill is in avoiding bycatch less than in catching fish

# Trawl Rationalization Program: Technology

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- New mapping technologies (working with NGOs)
- Gear switching
- Bycatch excluder devices

# Catcher Vessel Data

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- Crew size
  - By fishery
- Fuel use
  - Rate by fishery and total use
- Variable expenditures
  - Bait, ice, wages, dues, offloading
- Fixed costs
  - Moorage, equipment
  - Market value and replacement value
- Permits and quota prices
- Depreciation

# Shoreside Processor/Buyer Data

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- Operational costs
- Input costs and quantities by species and source
- Output values and quantities by species and product type
- Depreciation

# Questions?

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