Maine Lobster Data since 2008

• Dealer Data
  • 100% of trips/transactions reported
  • Reported by port – assumed zone
  • Provides total landings and trips

• Harvester Data
  • 10% of each license class in each zone
  • Zone declared by harvester
  • Provides distance from shore (0-3, 3-12, >12nm)
  • Provides characterization of trap hauls, trip length, etc.

• Federal Lobster VTR
  • Only required if vessel has other federal permits
  • Provides single point for trip
  • Used as harvester logbook if selected as part of 10%
Annual estimated total catch

Average total catch per nm²
Sources of Uncertainty

- Assumes equal productivity of habitat
  - underestimate of specific fishing areas
- Zone overlap and buffer uncertainty
- Unable to validate spatial information
- Does 10% harvester reporting in Maine adequately represent the >3nm fishery?
  - Many fewer reports from offshore

Data sources have low spatial resolution for specific areas so industry engagement is especially important