



**NOAA
FISHERIES**

**Alaska Fisheries
Science Center**

Overview of data types used in the assessments

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Data sources

- NMFS Alaska Region
- Observer Program (AFSC FMA Division)
- Fishery-independent surveys
 - NMFS bottom trawl surveys
 - IPHC longline survey (not currently used, mostly)
 - NMFS longline survey (not currently used)
- Age readers

Data types included in 2015 Tier 3 models

- Data types fit in all age-structured models (EBS and AI):
 - Fishery catch
 - Fishery size composition
 - Survey size composition
 - Survey age composition
 - Survey population numbers
- Data types tracked, but not fit, in at least one age-structured model (EBS only):
 - Survey mean size at age
 - Fishery CPUE
- All fishery data are partitioned by gear and season in at least one age-structured model (EBS only)

Data types included in 2015 AI Tier 5 models

- Data types fit in all AI Tier 5 models:
 - NMFS bottom trawl survey biomass
- Data types fit in at least one AI Tier 5 model:
 - IPHC longline survey relative population numbers