

Species' Likelihood of Surviving and Recovering in the Wild

Models

Reductions in

Reproduction

Numbers

Distribution

Indicators

- Reduced birth rates or fecundity schedules
- Reduced reproductive lifespan
- Reduced recruitment into the adult, breeding ages or stages
- Increased age at sexual maturity
- Increased iteroparity interval
- Increased variance in fecundity schedules, birth rates, iteroparity interval, or reproductive lifespan
- Altered sex ratios
- Allee effects

Indicators

- Dead animals
- Reduced survival rates (mean or median survival rates)
- Altered age- or stage-structure
- Increased emigration rates
- Reduced immigration rates
- Increased variance in survival, emigration, or immigration rates

Indicators

- Reductions in the number of populations or sub-populations
- Shift in the species' biogeography to areas with reduced resource quality, availability, or both
- Reduced connectivity between population segments
- Collapse of metapopulation structure