

# Stock Assessment Report Template

FIRST LAST<sup>1</sup>

1. NOAA Fisheries, ADDRESS, CITY, POSTAL CODE



U.S. Department of Commerce  
National Oceanic and Atmospheric Administration  
National Marine Fisheries Service

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## **1. Executive Summary**

### **1.1. Assessment Model**

### **1.2. Reference Points, Stock Status, and Projections**

## **2. Introduction**

Testing adding in an introduction for species. There is currently no read of parameters for child documents.

### **2.1. Stock ID**

### **2.2. Management History**

### **2.3. Fishery Descriptions**

### **2.4. Ecosystem Considerations**

Ecosystem considerations and/or climate indicators were not included in this assessment.

### **3. Data**

#### **3.1. Life History**

#### **3.2. Catch**

#### **3.3. Indices and Standardization**

#### **3.4. Composition Data**

#### **3.5. Absolute Abundance**

#### **3.6. Environmental/Ecosystem Indicator Data**



## **4. Assessment**

### **4.1. Current Modeling Approach**

### **4.2. Configuration of the Base Model**

### **4.3. Bridging**

## **4.4. Modeling Results**

### **4.4.1. Parameter Estimates**

### **4.4.2. Time Series**

### **4.4.3. Model Fits**

### **4.4.4. Model Diagnostics**

#### **4.5. Sensitivity Analyses**

#### **4.6. Management Benchmarks**

## **4.7. Projections**

## 5. Discussion

## 6. Acknowledgements

This document was produced using the R package asar (Schiano et al. 2025), which is free to use and publicly available on [GitHub](#).

## 7. References

Schiano, S., Breitbart, S., and Saul, S. 2025. Asar: Build NOAA stock assessment report. Available from <https://github.com/nmfs-ost/asar>.



## 8. Tables

Please refer to the `stockplotr` package downloaded from `remotes::install_github('nmfs-ost/stockplotr')` to add premade tables.

## 9. Figures

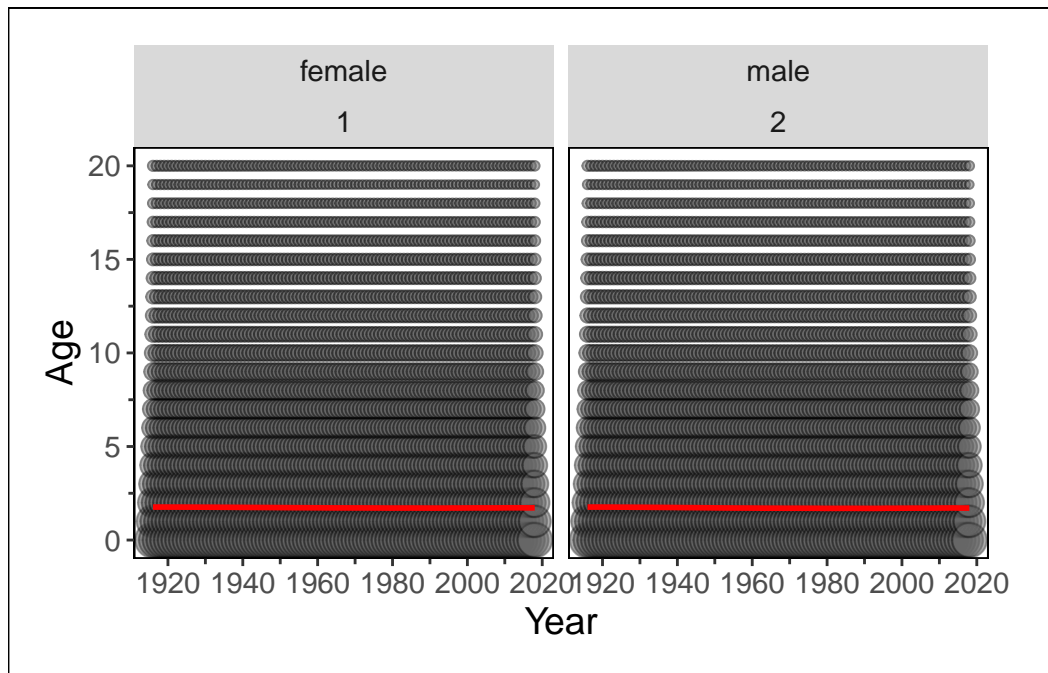


Figure 1: Model estimate of population numbers at age over time. The relative size of each bubble for a given year and age indicates the relative abundance in that category compared with others.

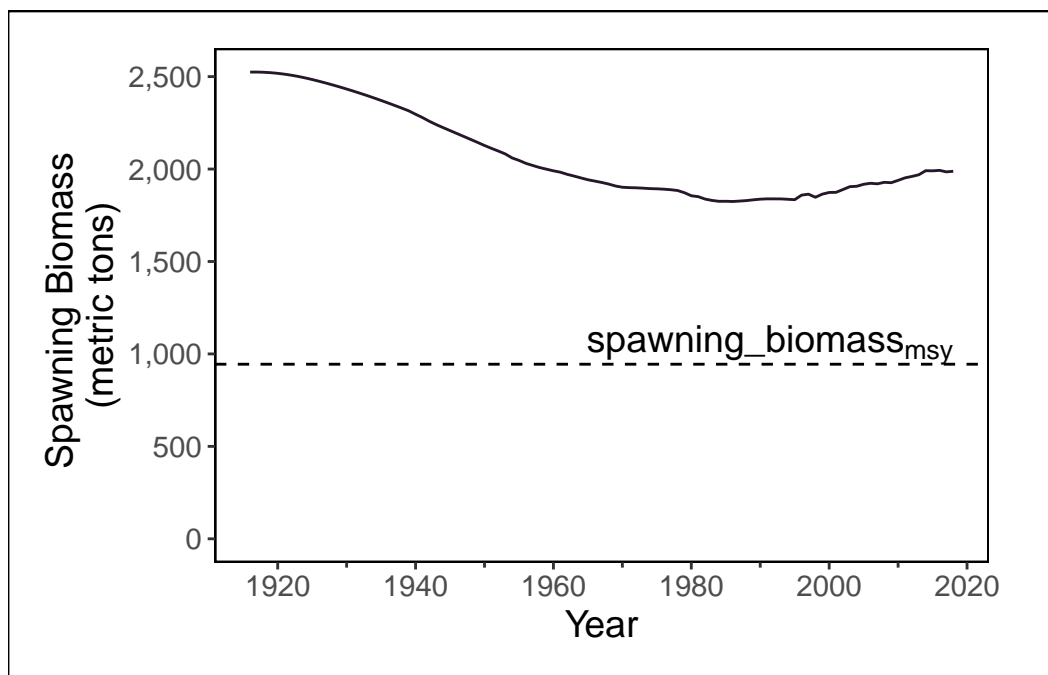


Figure 2: Model-estimated spawning stock biomass (SSB) time series. The horizontal dashed line represents the spawning stock biomass associated with the biomass limit reference point (msy metric tons).

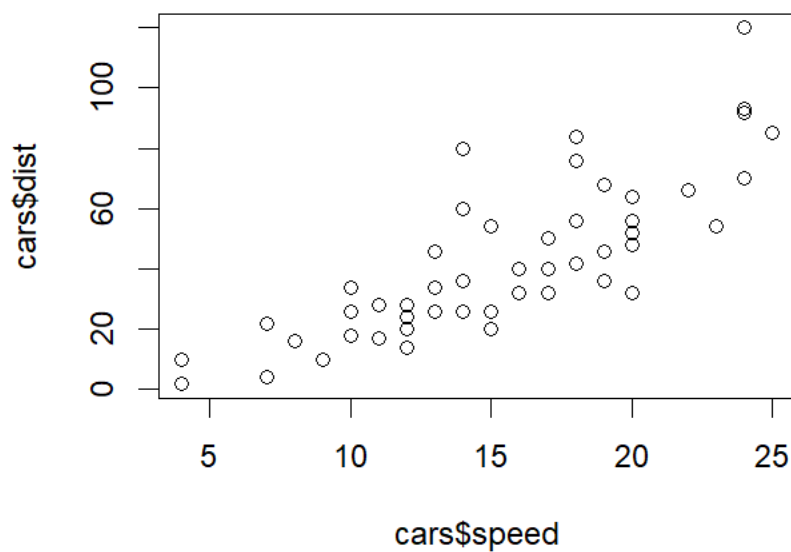


Figure 3: My example figure produced from the cars data.

## **A. Appendices**