

Assessment of Northwestern Atlantic Coast herring (*Clupea harengus*)

Assessment ID:NEFSC-HERRNWATLC-1960-2005-OVERHOLTZ
Issue URL: <http://www.marinebiodiversity.ca/RAMlegacy/ramlegacy-bug-reporting/295>

Area ID: USA-NMFS-NWATLC

General assessment details.

| Detail | Value |
|--------------------|--|
| Management body | NMFS |
| Assessment group | Northeast Fisheries Science Center |
| Assessment authors | Anonymous |
| Assessment method | an AD-Model builder statistical Catch at Age Model |
| Publication year | 2006 |
| Timeseries span | 1960-2005 |
| Document | Herring2006.pdf (pdf in database) |
| Recorder | OVERHOLTZ |
| Date entered | 2009-04-29 |
| Date last loaded | 2011-06-14 |
| QA/QC complete | YES |
| Date approved | 2011-06-10 |

Biometrics provided. Note that the assumed timeseries to which the reference point pertains is indicated in parentheses.

| primary LME | | | secondary LME | tertiary LME | |
|--------------------------------------|-------|-------|------------------------|--------------|-------|
| 7 - Northeast U.S. Continental Shelf | | | na | na | |
| Parameter | Value | Units | Reference points | | |
| SSB-AGE-yr | 3+ | yr | Parameter | Value | Units |
| SSB-SEX-sex | 0 | sex | SSBmsy-MT (SSB) | 629000 | MT |
| REC-AGE-yr | 2 | yr | F0.1-1/T | 0.21 | 1/T |
| A50-yr | 2.95 | yr | Fmsy-1/T (F) | 0.31 | 1/T |
| L50-cm | 25.35 | cm | F40%-1/T | 0.2 | 1/T |
| M-1/T | 0.2 | 1/T | MSY-MT (TB) | 194000 | MT |
| TB-AGE-yr | | | F_{2005}/F_{msy} | 0.339 | |
| F-AGE-yr | | | SSB_{2005}/SSB_{msy} | 1.665 | |
| M | | | | | |

| Time series minima and maxima | | | | | |
|-------------------------------|---------|---------|----------|----|--------|
| | SSB | R | F | TB | Catch |
| Minimum year | 1967 | 1967 | 1967 | | 1960 |
| Maximum year | 2005 | 2003 | 2005 | | 2005 |
| Time series minimum | 105470 | 393002 | 0.10082 | | 36358 |
| Time series maximum | 1450950 | 8086560 | 0.809456 | | 469535 |
| Units | MT | E03 | 1/T | | MT |

