

Assessment of Georges Bank atlantic cod (*Gadus morhua*)

Assessment ID:NEFSC-CODGB-1960-2008-BAUM

Issue URL: <http://www.marinebiodiversity.ca/RAMlegacy/ramlegacy-bug-reporting/109>

Area ID: USA-NMFS-5Z

General assessment details.

| Detail | Value |
|--------------------|--|
| Management body | NMFS |
| Assessment group | Northeast Fisheries Science Center |
| Assessment authors | Northeast Fisheries Science Center |
| Assessment method | A general approach to fitting VPA models. ADAPT is based on minimising the sum-of-squares over any number of indices of abundance to find best-fit parameters. |
| Publication year | 2008 |
| Timeseries span | 1960-2008 |
| Document | NMFS-GB-Gadusmorhua-2008.pdf (pdf not in database) |
| Recorder | BAUM |
| Date entered | 2008-10-24 |
| Date last loaded | 2009-03-24 |
| QA/QC complete | NO |
| Date approved | |

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 | | | |
| SSB-AGE-yr | 1+ | yr | Reference points | | |
| SSB-SEX-sex | NA | sex | Parameter | Value | Units |
| REC-AGE-yr | 1 | yr | F40%-1/T | 0.25 | 1/T |
| F-AGE-yr-yr | 5-8 | yr-yr | SSB _{msy} -MT (SSB) | 148084 | MT |
| TB-AGE-yr | 1+ | yr | MSY-MT (TB) | 31159 | MT |
| A50-yr | AVAILABLE | yr | SSB_{2007}/SSB_{msy} | 0.119 | |
| M-1/T | 0.2 | 1/T | | | |
| M | | | | | |
| L50-cm | | | | | |

Time series minima and maxima

| | SSB | R | F | TB | Catch |
|---------------------|-------|-------|------|-----------|-------|
| Minimum year | 1978 | 1977 | 1978 | 1978 | 1960 |
| Maximum year | 2007 | 2007 | 2007 | 2008 | 2007 |
| Time series minimum | 10627 | 1461 | 0.29 | 15703.8 | 3384 |
| Time series maximum | 90951 | 45891 | 1.21 | 130763.18 | 57149 |
| Units | MT | E03 | 1/T | MT | MT |

