

# 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
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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 <sub>msy</sub> -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

