Assessment of Gulf of Maine atlantic cod (*Gadus morhua*)

Assessment ID:NEFSC-CODGOM-1893-2008-BAUM
Issue URL: http://www.marinebiodiversity.ca/RAMlegacy/ramlegacy-bug-reporting/110

Area ID: USA-NMFS-5Y

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	1893-2008
Document	NMFS-GOM-Gadusmorhua-2008.pdf (pdf not in database)
Recorder	BAUM
Date entered	2008-11-04
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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-SEX-sex	NA	sex
REC-AGE-yr	1	yr
F-AGE-yr-yr	5-7	yr-yr
A50-yr	AVAILABLE	yr
M-1/T	0.2	1/T
SSB-AGE-yr		
TB-AGE-yr		
M		
L50-cm		

Reference points

Parameter	Value	Units
Bmsy-MT (TB)	82830	MT
Fmsy-1/T (F)	0.237	1/T
MSY-MT (TB)	16600	MT
Frebuild-1/T (F)	0.281	1/T
TB_{2007}/B_{msy}	0.630	
F_{2007}/F_{msy}	2.399	

Time series minima and maxima					
	SSB	R	F	TB	Catch
Minimum year	1982	1981	1982	1982	1893
Maximum year	2007	2006	2007	2007	2007
Time series minimum	9856	1187	0.355	15998	1380
Time series maximum	33877	24612	1.554	52160	17781
Units	MT	E03	1/T	MT	MT