

Assessment of Western Scotian Shelf, Bay of Fundy and Gulf of Maine haddock (*Melanogrammus aeglefinus*)

Assessment ID:DFO-HAD4X5Y-1960-2003-PREFONTAINE

Issue URL: <http://www.marinebiodiversity.ca/RAMlegacy/ramlegacy-bug-reporting/166>

Area ID: Canada-DFO-4X5Y

General assessment details.

Detail	Value
Management body	DFO
Assessment group	Department of Fisheries and Oceans
Assessment authors	Hurley, P.C.F.
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	2003
Timeseries span	1960-2003
Document	NAFO-HAD4X5Y-2003.pdf (pdf not in database)
Recorder	PREFONTAINE
Date entered	2008-06-03
Date last loaded	2009-03-17
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			8 - Scotian Shelf	na
Parameter	Value	Units		
SSB-AGE-yr	4+	yr		
REC-AGE-yr	1	yr		
F-AGE-yr-yr	5-7	yr-yr	Reference points	
TB-AGE-yr	1-10	yr	Parameter	Value
M-1/T	0.2	1/T		Units
SSB-SEX-sex			F0.1-1/yr (F)	0.25
M				1/yr
A50-yr				
L50-cm				

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Time series minima and maxima					
	SSB	R	F	TB	Catch
Minimum year	1970	1970	1970	1970	1960
Maximum year	2003	2003	2003	2003	2003
Time series minimum	19506	5.765	0.04	29495	4406
Time series maximum	69091	81.978	0.7	90408	43349
Units	MT	E03	1/T	MT	MT

