

# Assessment of Scotian Shelf and Bay of Fundy herring (*Clupea harengus*)

Assessment ID:DFO-HERR4VWX-1964-2006-PREFONTAINE

Issue URL: <http://www.marinebiodiversity.ca/RAMlegacy/ramlegacy-bug-reporting/171>

Area ID: Canada-DFO-4VWX

General assessment details.

Detail	Value
Management body	DFO
Assessment group	Department of Fisheries and Oceans
Assessment authors	Power, M.J.
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	2006
Timeseries span	1964-2006
Document	NAFO-HERR4VWX-2006.pdf (pdf not in database)
Recorder	PREFONTAINE
Date entered	2008-06-02
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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.

			Parameter	Value	Units
primary LME	secondary LME	tertiary LME	SSB-SEX-sex	NA	sex
			REC-AGE-yr	1	yr
			F-AGE-yr-yr	5-8	yr-yr
			TB-AGE-yr	NA	yr
			A50-yr	3	yr
8 - Scotian Shelf	na	na	M-1/T	0.2	1/T
			SSB-AGE-yr		
			M		
			L50-cm		
Reference points					
Parameter	Value				Units
Bmsy-MT (TB)	SEE NOTES				MT
F0.1-1/yr (F)	0.23				1/yr
Fmax-1/yr (F)	0.57				1/yr
BH-h-dimless	4 to 8 compared with ages 5-9 the following year				dimless

Time series minima and maxima					
	SSB	R	F	TB	Catch
Minimum year	1965	1964	1965	1965	
Maximum year	2006	2005	2005	2006	
Time series minimum	48646	247148	0.15	91734	
Time series maximum	714331	7460417	2.46	819446	
Units	MT	E03	1/T	MT	

