

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

Assessment ID:DFO-HERR4VWX-1965-2006-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	1965-2006
Document	NAFO-HERR4VWX-2006.pdf (pdf not in database)
Recorder	PREFONTAINE
Date entered	2008-06-02
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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.

			Parameter	Value	Units
primary LME	secondary LME	tertiary LME	SSB-AGE-yr	3+	yr
			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
			M-1/T	0.2	1/T
			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	1965	1965	1965	
Maximum year	2006	2006	2005	2006	
Time series minimum	48646	247148	0.15	91734	
Time series maximum	714331	7460417	2.46	819446	
Units	MT	E03	1/T	MT	

