

# Assessment of NAFO division 4R herring (*Clupea harengus*)

Assessment ID:DFO-QUE-HERR4RFA-1971-2003-PREFONTAINE  
 Issue URL: <http://www.marinemarinebiodiversity.ca/RAMlegacy/ramlegacy-bug-reporting/167>

Area ID: Canada-DFO-4R

General assessment details.

Detail	Value
Management body	DFO
Assessment group	Department of Fisheries and Oceans - Quebec Region
Assessment authors	Grégoire, François
Assessment method	Sequential Population Analysis / ADAPT
Publication year	2004
Timeseries span	1971-2003
Document	NAFO-HERR4RSP-2004.pdf (pdf not in database)
Recorder	PREFONTAINE
Date entered	2008-06-05
Date last loaded	2011-06-14
QA/QC complete	YES
Date approved	2010-07-14

Biometrics provided. Note that the assumed timeseries to which the reference point pertains is indicated in parentheses.

primary LME			secondary LME	tertiary LME	
9 - Newfoundland-Labrador Shelf			na	na	
Parameter	Value	Units			
SSB-AGE-yr	2+	yr	Reference points		
REC-AGE-yr	2	yr	Parameter	Value	Units
F-AGE-yr-yr	4+	yr-yr	Blim-MT (TB)	47953	MT
A50-yr	03-Apr	yr	F0.1-1/yr (F)	0.3	1/yr
M-1/T	0.2	1/T	Fmax-1/yr (F)	0.55	1/yr
SSB-SEX-sex			Bbuf-MT (TB)	57453	MT
TB-AGE-yr					
M					
L50-cm					

Time series minima and maxima					
	SSB	R	F	TB	Catch
Minimum year	1973	1971	1973		1973
Maximum year	2003	2001	2002		2002
Time series minimum	34671	6244	0.032		5849
Time series maximum	98616	385586	0.199		42543
Units	MT	E03	1/T		E03

