

# Assessment of Northern Gulf of St. Lawrence atlantic cod (*Gadus morhua*)

Assessment ID:DFO-QUE-COD3Pn4RS-1964-2007-PREFONTAINE  
Issue URL: <http://www.marinebiodiversity.ca/RAMlegacy/ramlegacy-bug-reporting/154>

Area ID: Canada-DFO-3Pn4RS

General assessment details.

Detail	Value
Management body	DFO
Assessment group	Department of Fisheries and Oceans - Quebec Region
Assessment authors	Fréchet, Alain
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	2007
Timeseries span	1964-2007
Document	DFO-COD3Pn4Rs-2007.pdf (pdf not in database)
Recorder	PREFONTAINE
Date entered	2008-08-20
Date last loaded	2010-07-16
QA/QC complete	YES
Date approved	2009-06-08

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	3+	yr
	REC-AGE-yr	3	yr
	F-AGE-yr-yr	7-10	yr-yr
	A50-yr	4-5	yr
	M-1/T	timeseries	1/T
	SSB-SEX-sex		
	TB-AGE-yr		
	M		
	L50-cm		
	Reference points		
	Parameter	Value	Units
	MORATOR-yr-yr	1994-1996 AND 2003	yr-yr

Time series minima and maxima					
	SSB	R	F	TB	Catch
Minimum year	1974	1974	1974	1974	1964
Maximum year	2007	2007	2006	2007	2006
Time series minimum	11307	8769	0.02	26347	148
Time series maximum	378057	206009	1.79	602678	106080
Units	MT	E03	1/T	MT	MT

