

# Assessment of North-East Arctic atlantic cod (*Gadus morhua*)

Assessment ID:AFWG-CODNEAR-1943-2006-MINTO

Issue URL: <http://www.marinebiodiversity.ca/RAMlegacy/ramlegacy-bug-reporting/364>

Area ID: multinational-ICES-I-II

General assessment details.

Detail	Value
Management body	ICES
Assessment group	Arctic Fisheries Working Group
Assessment authors	Anon
Assessment method	Virtual Population Analysis
Publication year	2007
Timeseries span	1943-2006
Document	ICES-AFWG-2007.pdf (pdf in database)
Recorder	MINTO
Date entered	2008-02-15
Date last loaded	2010-03-15
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	
20 - Barents Sea			21 - Norwegian Sea		na	
Parameter	Value	Units	Reference points			
			Parameter	Value	Units	
A50-yr	6.5	yr				
SSB-AGE-yr	3+	yr	SSBlim-MT (SSB)	220000	MT	
SSB-SEX-sex	0	sex	SSBpa-MT (SSB)	460000	MT	
REC-AGE-yr	3	yr	F0.1-1/T	0.15	1/T	
F-AGE-yr-yr	5-10	yr-yr	Flim-1/T (F)	0.74	1/T	
M-1/T	0.2	1/T	Fpa-1/T (F)	0.4	1/T	
TB-AGE-yr	3+	yr	Fmax-1/T	0.28	1/T	
M			$SSB_{2006}/SSB_{lim}$	2.685		
L50-cm			$F_{2006}/F_{lim}$	0.889		

Time series minima and maxima					
	SSB	R	F	TB	Catch
Minimum year	1946	1943	1946	1946	1946
Maximum year	2006	2003	2006	2006	2006
Time series minimum	102315	112039	0.1857	738675	212000
Time series maximum	1165059	1818949	1.0347	4168882	1343068
Units	MT	E03	1/T	MT	MT

