

# Assessment of Kattegat and Skagerrak atlantic cod (*Gadus morhua*)

Assessment ID:WGBFAS-CODKAT-1970-2006-MINTO

Issue URL: <http://www.marinebiodiversity.ca/RAMlegacy/ramlegacy-bug-reporting/380>

Area ID: multinational-ICES-IIIa

General assessment details.

Detail	Value
Management body	ICES
Assessment group	Baltic Fisheries Assessment Working Group
Assessment authors	Anon
Assessment method	The ADAPT approach with year effects in a catch multiplier
Publication year	2007
Timeseries span	1970-2006
Document	ICES-WGBFAS-2007.pdf (pdf in database)
Recorder	MINTO
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Biometrics provided. Note that the assumed timeseries to which the reference point pertains is indicated in parentheses.

			Parameter	Value	Units
			A50-yr	2	yr
			SSB-AGE-yr	1+	yr
primary LME	secondary LME	tertiary LME	REC-AGE-yr	1	yr
			TB-AGE-yr	1+	yr
22 - North Sea	na	na	F-AGE-yr-yr	3-5	yr-yr
			M-1/T	0.2	1/T
			M		
			L50-cm		
			Reference points		
			Parameter	Value	Units
			Flim-1/T (F)	1	1/T
			Fpa-1/T (F)	0.6	1/T
			SSBpa-MT (SSB)	10500	MT
			SSBlim-MT (SSB)	6400	MT
			$SSB_{2006}/SSB_{lim}$	0.992	
			$F_{2006}/F_{lim}$	0.698	

Time series minima and maxima					
	SSB	R	F	TB	Catch
Minimum year	1971	1970	1971	1971	1971
Maximum year	2006	2005	2006	2006	2006
Time series minimum	3500	1330	0.4454	3952	876
Time series maximum	49301	37064	1.565	56919	21880
Units	MT	E03	1/T	MT	MT

