

# Assessment of IIa-IIIabd-IV-Vb-VI-VII-VIIIabcde-XII-XIV-Ixa mackerel (*Scomber scombrus*)

Assessment ID:WGMHSA-MACKNEICES-1972-2007-JENNINGS  
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Area ID:

multinational-ICES-IIa-IIIabd-IV-Vb-VI-VII-VIIIabcde-XII-XIV-Ixa

## General assessment details.

Detail	Value
Management body	ICES
Assessment group	Working Group on the Assessment of Mackerel
Assessment authors	Anonymous
Assessment method	Integrated Catch-at-age Analysis
Publication year	2007
Timeseries span	1972-2007
Document	ICES-WGMHSA07.pdf (pdf in database)
Recorder	JENNINGS
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Biometrics provided. Note that the assumed timeseries to which the reference point pertains is indicated in parentheses.

	primary LME	secondary LME	tertiary LME
	24 - Celtic-Biscay Shelf	25 - Iberian Coastal	22 - North Sea
Parameter	Value	Units	
SSB-AGE-yr	AVAILABLE	yr	
REC-AGE-yr	0	yr	
F-AGE-yr-yr	4 to 8	yr-yr	
TB-AGE-yr	0+	yr	
A50-yr	AVAILABLE	yr	
M-1/T	0.15	1/T	
SSB-SEX-sex			
M			
L50-cm			

Reference points		
Parameter	Value	Units
Flim-1/T (F)	0.27	1/T
Fpa-1/T (F)	0.17	1/T
SSBpa-MT (SSB)	2300000	MT
$F_{2006}/F_{lim}$	0.957	

Time series minima and maxima					
	SSB	R	F	TB	Catch
Minimum year	1972	1972	1972	1972	1972
Maximum year	2006	2006	2006	2006	2006
Time series minimum	1672164	962290	0.0188	2556921	361262
Time series maximum	3995311	8899180	0.4566	5295849	842739
Units	MT	E03	1/T	MT	MT

