

Assessment of South Africa South coast cape horse mackerel (*Trachurus capensis*)

Assessment ID:MARAM-CTRACSA-1950-2007-Johnston

Issue URL: <http://www.marinebiodiversity.ca/RAMlegacy/ramlegacy-bug-reporting/134>

Area ID: South Africa-DETMCM-SASC

General assessment details.

Detail	Value
Management body	DETMCM
Assessment group	Marine Resource Assessment and Management Group, Department of Mathematics and Applied Mathematics, University of Cape Town, Rondebosch, 7701, South Africa
Assessment authors	Johnston, S.J.
Assessment method	Age-structured surplus production model
Publication year	2007
Timeseries span	1950-2007
Document	Johnston-SA Horse Mackerel-2007.pdf (pdf in database)
Recorder	Johnston
Date entered	2009-02-12
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QA/QC complete	YES
Date approved	2011-06-10

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

			primary LME	secondary LME	tertiary LME
			30 - Agulhas Current	na	na
Parameter	Value	Units	Reference points		
SSB-SEX-sex	0	sex	Parameter	Value	Units
REC-AGE-yr	0	yr	Blim-MT (TB)	418631	MT
F-AGE-yr-yr	0+	yr-yr	SSB0-MT (SSB)	1010700	MT
A50-yr	3	yr	R0-E00	166623000	E00
M-1/yr	0.3	1/yr	BH-h-dimless	0.6	dimless
TB-AGE-yr	0+	yr			
SSB-AGE-yr					
M					
L50-cm					

Time series minima and maxima					
	SSB	R	F	TB	Catch
Minimum year	1950	1950	1950	1950	1950
Maximum year	2007	2007	2007	2007	2007
Time series minimum	418631	1348400	0.013	469844	8693
Time series maximum	1010700	1666230	0.171	1045060	120650
Units	MT	E03	1/yr	MT	MT

