

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 SJ
Assessment method	Age-structured surplus production model
Publication year	
Timeseries span	1950-2007
Document	Johnston-SA Horse Mackerel-2007.pdf (pdf in database)
Recorder	Johnston
Date entered	2009-02-12
Date last loaded	2009-03-17
QA/QC complete	NO
Date approved	

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			
REC-AGE-yr	0	yr	Reference points		
F-AGE-yr-yr	0-10	yr-yr	Parameter	Value	Units
A50-yr	3	yr	Blim-MT (SSB)	418631	MT
M-1/yr	0.3	1/yr	SSB0-MT (SSB)	1010700	MT
SSB-AGE-yr			R0-E00	166623000	E00
TB-AGE-yr			BH-h-dimless	0.6	dimless
M			SSB_{2007}/B_{lim}	1.561	
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

