

Assessment of Southern Argentina anchovy (*Engraulis anchoita*)

Assessment ID: INIDEP-ARGANCHOSARG-1992-2007-Parma
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Area ID: Argentina-CFP-ARG-S

General assessment details.

Detail	Value
Management body	CFP
Assessment group	Instituto Nacional de Investigacion y Desarrollo Pesquero
Assessment authors	Hansen, Jorge
Assessment method	Age-structured surplus production model
Publication year	2008
Timeseries span	1992-2007
Document	Hansen-ANCHOVY-S-2007.pdf (pdf in database)
Recorder	Parma
Date entered	2008-12-20
Date last loaded	2009-04-24
QA/QC complete	YES
Date approved	2009-04-23

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

primary LME			secondary LME	tertiary LME	
14 - Patagonian Shelf			na	na	
			Reference points		
Parameter	Value	Units	Parameter	Value	Units
			Fmax-1/yr (F)	1.89330	1/yr
			Fmsy-1/yr (F)	0.1700	1/yr
			Fpa-1/yr (F)	0.17	1/yr
SSB-AGE-yr	1.7	yr	Fcurrent-1/T (F)	0.006	1/T
REC-AGE-yr	1	yr	NATMORT-1/yr (M)	1.05	1/yr
F-AGE-yr-yr	1-6	yr-yr	F40%-1/T	0.2052	1/T
TB-AGE-yr	1+	yr	SSBmsy-MT (SSB)	298839	MT
A50-yr	1	yr	MSY-MT (TB)	289825.38	MT
L50-cm	13.2	cm	BH-h-dimless	0.73	dimless
M-1/yr	1.05	1/yr	Blim-MT (SSB)	350000	MT
NATMORT-1/yr	1.05	1/yr	Bmsy-MT (TB)	733418.85	MT
M			Bpa-MT (SSB)	1260000	MT
			SSB_{2007}/B_{lim}	2.677	
			TB_{2007}/B_{msy}	5.594	
			F_{2007}/F_{msy}	0.035	
			SSB_{2007}/SSB_{msy}	3.135	

Time series minima and maxima					
	SSB	R	F	TB	Catch
Minimum year	1993	1992	1993	1993	1993
Maximum year	2007	2006	2007	2007	2007
Time series minimum	349381.69	65263840	0.001	765224.53	662.86
Time series maximum	1206672.22	495050030	0.022	2178898.56	6517.37
Units	MT	E03	1/yr	MT	MT

