

Assessment of Indian Ocean bigeye tuna (*Thunnus obesus*)

Assessment ID: IOTC-BIGEYEIO-1957-2006-JENSEN

Issue URL: <http://www.marinebiodiversity.ca/RAMlegacy/ramlegacy-bug-reporting/241>

Area ID: multinational-IOTC-IO

General assessment details.

Detail	Value
Management body	IOTC
Assessment group	Indian Ocean Tuna Commission
Assessment authors	Anonymous
Assessment method	Age-structured surplus production model
Publication year	2007
Timeseries span	1957-2006
Document	JENSEN-BIGEYEIO-2007.pdf (pdf in database)
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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	
-97 - Indian High Seas			na	na	
Parameter	Value	Units	Reference points		
			Parameter	Value	Units
REC-AGE			Fmsy-1/yr (F)	0.3	1/yr
SSB-AGE-yr			SSBmsy-MT (SSB)	350000	MT
SSB-SEX-sex			MSY-MT (TB)	111200	MT
TB-AGE-yr			B0-MT	1380000	MT
F-AGE-yr			SSB0-MT (SSB)	1150000	MT
M			F_{2004}/F_{msy}	0.967	
A50-yr			SSB_{2004}/SSB_{msy}	1.229	
L50-cm					

Time series minima and maxima					
	SSB	R	F	TB	Catch
Minimum year	1960		1960		1957
Maximum year	2004		2004		2006
Time series minimum	418300		0.0249		9900
Time series maximum	1258200		0.3153		150500
Units	MT		1/yr		MT

