

Assessment of Gulf of Mexico king mackerel (*Scomberomorus cavalla*)

Assessment ID:SEFSC-KMACKGM-1992-2001-JENSEN

Issue URL: <http://www.marinebiodiversity.ca/RAMlegacy/ramlegacy-bug-reporting/71>

Area ID: USA-NMFS-GM

General assessment details.

| Detail | Value |
|--------------------|---|
| Management body | NMFS |
| Assessment group | Southeast Fisheries Science Center |
| Assessment authors | NULL |
| Assessment method | Virtual Population Analysis |
| Publication year | 2004 |
| Timeseries span | 1992-2001 |
| Document | JENSEN_KMACKGMSATLC.2004.pdf (pdf not in database) |
| Recorder | JENSEN |
| Date entered | 2008-11-23 |
| Date last loaded | 2011-07-25 |
| 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 |
|-------------|-------|-------|-----------------------------|---------------|--------------|
| | | | 5 - Gulf of Mexico | na | na |
| Parameter | Value | Units | | | |
| M-1/yr | 0.2 | 1/yr | Reference points | | |
| REC-AGE | | | Parameter | Value | Units |
| SSB-AGE-yr | | | F _{msy} -1/T (F) | 0.269 | 1/T |
| SSB-SEX-sex | | | MSY-MT (TB) | 5178.659864 | MT |
| TB-AGE-yr | | | SSB _{msy} -E03eggs | 6385000000 | E03eggs |
| F-AGE-yr | | | F_{2001}/F_{msy} | 0.595 | |
| M | | | SSB_{2001}/SSB_{msy} | 0.930 | |
| A50-yr | | | | | |
| L50-cm | | | | | |

| Time series minima and maxima | | | | | |
|-------------------------------|------------|------|------|----------|---------|
| | SSB | R | F | TB | Catch |
| Minimum year | 1992 | 1992 | 1992 | 1992 | 1992 |
| Maximum year | 2001 | 2001 | 2001 | 2001 | 2001 |
| Time series minimum | 4830000000 | 2080 | 0.12 | 31433.93 | 3184.22 |
| Time series maximum | 5940000000 | 5270 | 0.22 | 36033.35 | 4921.47 |
| Units | E03eggs | E03 | 1/yr | MT | MT |

