

# Assessment of Pacific Coast pacific chub mackerel (*Scomber japonicus*)

Assessment ID:SWFSC-CMACKPCOAST-1929-2008-PINSKY

Issue URL: <http://www.marinebiodiversity.ca/RAMlegacy/ramlegacy-bug-reporting/406>

Area ID: USA-NMFS-PCOAST

General assessment details.

| Detail             | Value  |
|--------------------|--|
| Management body    | NMFS   |
| Assessment group   | Southwest Fisheries Science Center                         |
| Assessment authors | Dorval,Emmanis   |
| Assessment method  | Age Structured Assessment Program                          |
| Publication year   | 2008   |
| Timeseries span    | 1929-2008  |
| Document           | PFMC_2008_CPS_SAFE_App2.PMackerel.pdf<br>(pdf in database) |
| Recorder           | PINSKY   |
| Date entered       | 2009-03-27   |
| Date last loaded   | 2010-04-13   |
| 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 |         |
|--------------|------------------------|-------|------------------------|--------------|---------|
|              | 3 - California Current |       | na                     | na           |         |
| Parameter    | Value                  | Units | Reference points       |              |         |
|              |                        |       | Parameter              | Value        | Units   |
| SSB-AGE-yr   | 3+                     | yr    | NATMORT-1/yr (M)       | 0.5          | 1/yr    |
| REC-AGE-yr   | 0                      | yr    | MSY-MT (TB)            | 51772        | MT      |
| TB-AGE-yr    | 1+                     | yr    | SSBlim-MT (SSB)        | 29420        | MT      |
| M-1/yr       | 0.5                    | 1/yr  | MSY-MT (TB)            | 23048.2      | MT      |
| NATMORT-1/yr | 0.5                    | 1/yr  | SSBmsy-MT (SSB)        | 122357       | MT      |
| SSB-SEX-sex  |                        |       | SSB0-MT (SSB)          | 182791       | MT      |
| F-AGE-yr     |                        |       | BH-h-dimless           | 0.315471     | dimless |
| M            |                        |       | $SSB_{2008}/SSB_{lim}$ | 2.827        |         |
| A50-yr       |                        |       | $SSB_{2008}/SSB_{msy}$ | 0.680        |         |
| L50-cm       |                        |       |                        |              |         |

| Time series minima and maxima |         |         |           |    |         |
|-------------------------------|---------|---------|-----------|----|---------|
|                               | SSB     | R       | F         | TB | Catch   |
| Minimum year                  | 1929    | 1929    | 1929      |    | 1929    |
| Maximum year                  | 2008    | 2007    | 2008      |    | 2008    |
| Time series minimum           | 10701.7 | 40830.5 | 0.0017804 |    | 400.94  |
| Time series maximum           | 1089110 | 6249070 | 0.443214  |    | 71550.6 |
| Units                         | MT      | E03     | 1/T       |    | MT      |

