

# Assessment of Northern Pacific Coast yellowtail rockfish (*Sebastes flavidus*)

Assessment ID: NWFSC-YTROCKNPCOAST-1967-2005-STANTON  
Issue URL: <http://www.marinebiodiversity.ca/ramlegacy/ramlegacy-bug-reporting/335>

Area ID: USA-NMFS-NPCOAST

General assessment details.

| Detail             | Value  |
|--------------------|--|
| Management body    | NMFS   |
| Assessment group   | Northwest Fisheries Science Center             |
| Assessment authors | Wallace, John                                  |
| Assessment method  | Stock Synthesis v1.0 model                     |
| Publication year   | 2005   |
| Timeseries span    | 1967-2005                                      |
| Document           | 2005_SAFE_yellowtail.pdf (pdf not in database) |
| Recorder           | STANTON  |
| Date entered       | 2009-05-19                                     |
| Date last loaded   | 2010-03-19                                     |
| QA/QC complete     | NO   |
| Date approved      | 2010-03-19                                     |

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 |                              |               |              |
| SSB-AGE-yr   | 4+    | yr    | Reference points             |               |              |
| SSB-SEX-sex  | NA    | sex   | Parameter                    | Value         | Units        |
| REC-AGE-yr   | 4     | yr    | NATMORT-1/yr (M)             | 0.11          | 1/yr         |
| F-AGE-yr-yr  | 4     | yr-yr | SSB <sub>msy</sub> -MT (SSB) | 12407         | MT           |
| TB-AGE-yr    | 4+    | yr    | MSY-MT (TB)                  | 4680          | MT           |
| M-1/yr       | 0.11  | 1/yr  | SSB <sub>0</sub> -MT (SSB)   | 31016         | MT           |
| NATMORT-1/yr | 0.11  | 1/yr  | B <sub>0</sub> -MT           | 120024        | MT           |
| M            |       |       | $SSB_{2005}/SSB_{msy}$       | 1.363         |              |
| A50-yr       |       |       |                              |               |              |
| L50-cm       |       |       |                              |               |              |

| Time series minima and maxima |          |         |   |        |        |
|-------------------------------|----------|---------|---|--------|--------|
|                               | SSB      | R       | F | TB     | Catch  |
| Minimum year                  | 1967     | 1967    |   | 1967   | 1967   |
| Maximum year                  | 2005     | 2005    |   | 2005   | 2005   |
| Time series minimum           | 15243.01 | 6414.92 |   | 58025  | 1252.6 |
| Time series maximum           | 28418.41 | 26616.3 |   | 106243 | 9783.7 |
| Units                         | MT       | E03     |   | MT     | MT     |

