**IDENTIFICATION**

**SCIENTIFIC NAME**
Makaira nigricans

**SPECIES NAME(S)**
Blue marlin

**COMMON NAMES**
Blue marlin, marlin

**STOCK IDENTIFICATION**

Blue marlin—Makaira nigricans is here regarded as a worldwide species. Hinton (2001) considers that there is a single stock in the Pacific Ocean. The last genetic study was conducted in 2003 and no population structuring was found. It is assumed that there is a single stock in the Pacific Ocean {ISCBWG 2013}.

**RELATED LINKS:**
- Inter-American Tropical Tuna Commission (IATTC)

---

**ASSESSMENT**

**Strengths**
A new analytical assessment with suggested reference points, estimates of uncertainty, and projections is now available. Stock biology suggests that it is resilient to fishing and very productive.

**Weaknesses**
- Managers have yet to establish reference points and goals for this stock.
- It is unclear if the assessments recently completed has been peer reviewed.
- Model used suffers from a severe retrospective pattern that overestimates SSB and underestimates F relative to the terminal year.
- Few if any management measures such as quotas or input controls are used to manage this fishery currently.
- SSB has been in decline over the time series while F has largely been increasing.
- Outside of the US harvester compliance is unknown, but maybe problematic.

**SCORES**

**Management Quality:**

<table>
<thead>
<tr>
<th></th>
<th>Management Strategy</th>
<th>Managers Compliance</th>
<th>Fishers Compliance</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>≥ 6</td>
<td>≥ 6</td>
<td>&lt; 6</td>
</tr>
</tbody>
</table>

**Stock Health:**

<table>
<thead>
<tr>
<th>Current Health</th>
<th>Future Health</th>
</tr>
</thead>
<tbody>
<tr>
<td>9</td>
<td>9.1</td>
</tr>
</tbody>
</table>

**FIPS**
- No related FIPs

**MSC**
- No related MSC fisheries

---

**Fishery Profile**

http://www.fishsource.org/fishery_page/5084

**Blue marlin**

Pacific Ocean

**Fishery:**
Pacific Ocean

**IATTC Colombia**

Gillnets and entangling nets

**Fishery Profile**

https://www.fishsource.org/fishery_page/5084