**IDENTIFICATION**

**SCIENTIFIC NAME**
Scomberomorus commerson

**SPECIES NAME(S)**
Narrow-barred Spanish mackerel

**COMMON NAMES**
Snook, Spaniard

**STOCK IDENTIFICATION**
Narrow-barred spanish mackerel (Scomberomorus commerson) are widespread in the Indo-West Pacific, can be found from the Red Sea and South Africa to Southeast Asia, north to China and Japan and south to southeast Australia, and to Fiji. It is targeted in artisanal, commercial and recreational fisheries in many parts of its range, are caught primarily with gillnets, but also caught with purse seine, and worldwide reported landings show a gradual increase from 7,186 tonnes in 1950 to 23,5985 tonnes in 2006 (FAO 2009). This species is also taken as bycatch in long line, purse seine and Gillnet gear targeting larger scombrids. Several sub-regional stock assessment in the Western Indian Ocean report this species to be heavily overexploited (McPherson 1992).

Genetic evidence indicates that there are three biological stocks of Spanish Mackerel across northern Australia; however, evidence from otolith microchemistry, parasite analysis and limited adult movement (at scales greater than 100 km) indicates that there are likely to be a number of smaller biological stocks with limited interaction (Shaklee et al. 1990).

Although each jurisdiction is likely to have multiple biological stocks within its boundaries, the difficulty in obtaining relevant biological and catch and effort information to assess each stock individually has meant that Spanish Mackerel has been grouped into two biological stocks (Torres Strait and east coast [Queensland]), two management units (Gulf of Carpentaria [Queensland] and Mackerel Managed Fishery [Western Australia]) and one jurisdiction (Northern Territory) (Begg et al. 2006).

The assessments that are undertaken at the biological stock level are based on the populations that receive the highest harvest rates; their status can be assumed to be representative of the highest level of exploitation that occurs on any population within each management unit or jurisdiction (Patterson et al. 2016).

**ASSESSMENT**

No related analysis

**SCORES**

- **Management Quality:**
  - Management Strategy: NOT YET SCORED
  - Managers Compliance: NOT YET SCORED
  - Fishers Compliance: NOT YET SCORED

- **Stock Health:**
  - Current Health: NOT YET SCORED
  - Future Health: SCORED

**FIPS**

No related FIPS

**MSC**

No related MSC fisheries

**RECOMMENDATIONS**

**RETAILERS & SUPPLY CHAIN**

- This profile is not currently high on our priority list for development, and we can’t at this time provide an accurate prediction of when it will be developed. To speed up an evaluation of the sustainability status of lower priority fisheries we have initiated a program whereby industry can directly contract SFP-approved analysts to develop a FishSource profile on a fishery. More information on this External Contributor Program is available at https://www.sustainablefish.org/Programs/Science/External-Contributor-Program.

**ANALYSIS**

Narrow-barred Spanish mackerel in Torres Strait is thought to comprise a separate biological stock from stocks on the east coast and further west (Begg et al. 2006; Buckworth et al. 2007).

**RELATED LINKS**

- Australian Fisheries Management Authority (AFMA)
- Torres Strait Torres Strait Fishery: Torres Strait Spanish Mackerel Fishery: Australia: Handlines hand operated

**FISHERY PROFILE**

https://www.fishsource.org/fishery_page/4452