ASSESSMENT FOR BELIZE

GROUPER STOCKS

**Nassau grouper**

**Overfished**
Length at maturity: 47.5 cm  
Maximum length: 122 cm  
Optimal length: 57.9 cm  
Longevity: 32 years

**Black grouper**

**Overexploited**
Length at maturity: 66.6 cm  
Maximum length: 150 cm  
Optimal length: 85.5 cm  
Longevity: 17 years

**Atlantic Goliath grouper**

**Overfished**
Length at maturity: 97.8 cm  
Maximum length: 250 cm  
Optimal length: 133.6 cm  
Longevity: 22 years

ASSESSMENT DATA SOURCES

- Official assessment
- Literature review
- CPUE time series
- Expert testimony

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**GROUPER STOCKS ASSESSMENT FOR BELIZE**

**ASSESSMENT DATA SOURCES**

- Official assessment
- Literature review
- CPUE time series
- Expert testimony
SNAPPER STOCKS I

**Dog snapper**
Overfished
Length at maturity: 47.6 cm
Maximum length: 128 cm
Optimal length: 58 cm
Longevity: 29 years

**Grey snapper**
Overfished
Length at maturity: 32.1 cm
Maximum length: 89 cm
Optimal length: 36.7 cm
Longevity: 12 years

**Lane snapper**
Overfished
Length at maturity: 26.4 cm
Maximum length: 60 cm
Optimal length: 29.3 cm
Longevity: 10 years

**ASSESSMENT DATA SOURCES**
- Official assessment
- Literature review
- CPUE time series
- Expert testimony
Overfished
Length at maturity: 46 cm
Maximum length: 94 cm
Optimal length: 55.8 cm
Longevity: 18 years

Silk snapper
Overfished
Length at maturity: 34 cm
Maximum length: 83 cm
Optimal length: 39.9 cm
Longevity: 9 years

ASSESSMENT DATA SOURCES
Official assessment
Literature review
CPUE time series
Expert testimony

SNAPPER STOCKS II
ASSESSMENT FOR BELIZE
CONCH & LOBSTER

**Queen conch**

*Overfished*
- Maximum length: 20.4 cm
- Longevity: 30 years

**Caribbean spiny lobster**

*Overfished*
- Length at maturity: 8.2 cm
- Maximum length: 45 cm
- Longevity: 15 years

ASSESSMENT DATA SOURCES

- Official assessment
- Literature review
- CPUE time series
- Expert testimony
ASSESSMENT FOR BELIZE

SHARKS

Scalloped hammerhead

Overfished
Length at maturity: 143.2 cm
Maximum length: 430 cm
Optimal length: 208.2 cm
Longevity: 32 years

Caribbean reef shark

Overfished
Length at maturity: 141.1 cm
Maximum length: 300 cm
Optimal length: 205.1 cm
Longevity: 24 years

ASSESSMENT DATA SOURCES

Official assessment
Literature review
CPUE time series
Expert testimony

COBI
Healthy Reefs
for healthy people
SEA AROUND US
MRAG Americas
ASSESSMENT FOR BELIZE

SNOOK & BARRACUDA

**Common snook**

*Overfished*
- Length at maturity: 61.2 cm
- Maximum length: 140 cm
- Optimal length: 77.6 cm
- Longevity: 10 years

**Great barracuda**

*Overfished*
- Length at maturity: 75.7 cm
- Maximum length: 200 cm
- Optimal length: 99.3 cm
- Longevity: 17 years

ASSESSMENT DATA SOURCES

- Official assessment
- Literature review
- CPUE time series
- Expert testimony
**ASSESSMENT FOR BELIZE**

**JACKS**

**Crevalle jack**

**Overfished**
- Length at maturity: 56 cm
- Maximum length: 124 cm
- Optimal length: 70 cm
- Longevity: 8 years

**Horse-eye jack**

**Healthy**
- Length at maturity: 54.1 cm
- Maximum length: 101 cm
- Optimal length: 67.2 cm
- Longevity: 17 years

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**ASSESSMENT DATA SOURCES**

- Official assessment
- Literature review
- CPUE time series
- Expert testimony

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[Logos and images]