

US Hawaii Stocks

v4.495 (Apr-21-2021)

Not present Present Preferred

Stock	B/Bmsy	Time Series Types			
		U/Umsy	B/Bmgt	U/Umgt	
1. CJOBMHI [Crimson jobfish Main Hawaiian Islands]	TB SSB	ER F	TB SSB	ER F	
2. GJOBMHI [Green jobfish Main Hawaiian Islands]	TB SSB	ER F	TB SSB	ER F	
3. GTREVMHI [Giant trevally Main Hawaiian Islands]	TB SSB	ER F	TB SSB	ER F	
4. SUNIMHI [Sleek unicornfish Main Hawaiian Islands]	TB SSB	ER F	TB SSB	ER F	
5. TSGTFMHI [Twosaddle goatfish Main Hawaiian Islands]	TB SSB	ER F	TB SSB	ER F	
6. WSGTFMHI [Whitesaddle goatfish Main Hawaiian Islands]	TB SSB	ER F	TB SSB	ER F	
7. YFGTFMHI [Yellowfin goatfish Main Hawaiian Islands]	TB SSB	ER F	TB SSB	ER F	
8. YSGTFMHI [Yellowstripe goatfish Main Hawaiian Islands]	TB SSB	ER F	TB SSB	ER F	

Crimson jobfish Main Hawaiian Islands [CJOBMHI]

Metadata	
Scientific Name	Pristipomoides filamentosus
Current Assess ID	PIFSC-CJOBMHI-1949-2016-SISIMP2021
Area	Main Hawaiian Islands
Management Authority	National Marine Fisheries Service, US national management
Assessor	Pacific Fisheries Science Center
Asmts in RAM	2016

Reference Points			
Type	ID	Asmt Year	Value
TBmsy	-	-	-
SSBmsy	-	-	-
Fmsy	-	-	-
ERmsy	-	-	-
TBmgt	-	-	-
SSBmgt	-	-	-
Fmgt	-	-	-
ERmgt	-	-	-
TB0	-	-	-
SSB0	-	-	-
MSY	MSY-MT	2016	312
M	-	-	-
TBlim	-	-	-
SSBlim	-	-	-
Flim	-	-	-
ERlim	-	-	-

Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
TB	-	-	-	-	-
SSB	-	-	-	-	-
TN	-	-	-	-	-
R	-	-	-	-	-
F	-	-	-	-	-
ER	-	-	-	-	-
TC	TC-MT	2016	190		
TL	-	-	-		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	-	-	-		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	-	-	-		
ER/ERmgt	-	-	-		

Kobe MSY*



Kobe MGT*



Spawner Recruit*



Production*



◆ Start Year ◆ End Year * No Data

Crimson jobfish Main Hawaiian Islands [CJOBMHI]

TB*



SSB*



TN *



F*



ER*



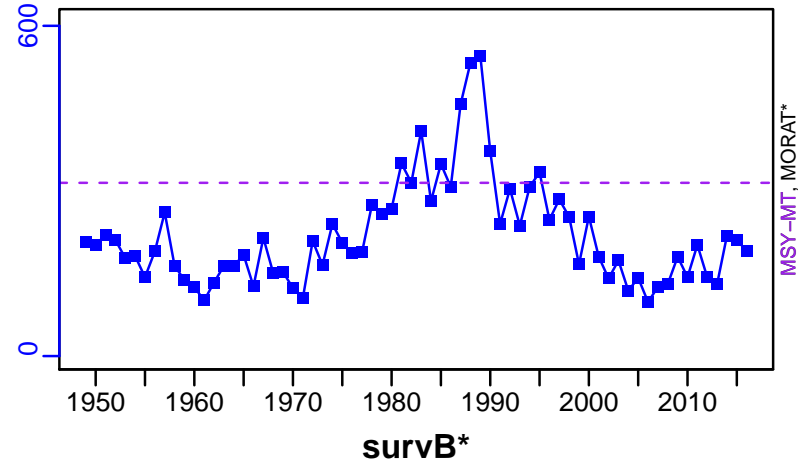
Recruits*



■ Listed time series	- - - Target BRP	— Rec-Est
- - - MSY-based BRP	· · · Lim BRP	* No Data

Crimson jobfish Main Hawaiian Islands [CJOBMHI]

TC-MT, TL*, RecC* (1949–2016–SISIMP2021)



TAC*, Cpair*, Cadv*



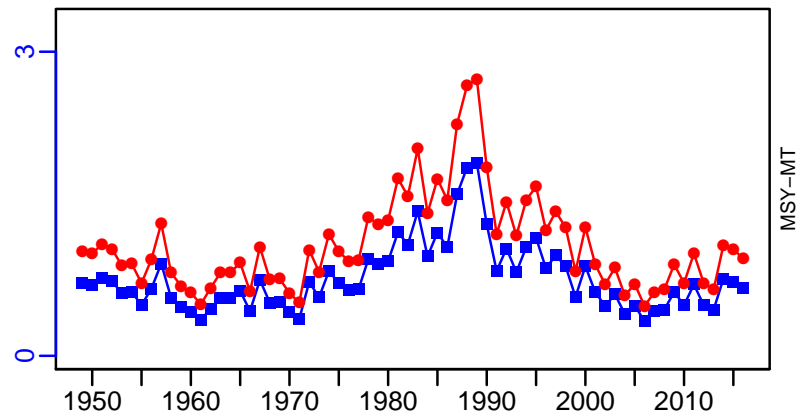
CPUE*



EFFORT*



TC-MT/MSY-MT, CdivMEANC-ratio, (1949–2016–SISIMP2021)



- 1st listed time series
- 2nd listed time series
- 3rd listed time series
- MORAT
- MSY
- No Data

Green jobfish Main Hawaiian Islands [GJOBMHI]

Metadata	
Scientific Name	Aprion virescens
Current Assess ID	PIFSC-GJOBMHI-2004-2015-SISIMP2021
Area	Main Hawaiian Islands
Management Authority	National Marine Fisheries Service, US national management
Assessor	Pacific Fisheries Science Center
Asmts in RAM	2015

Reference Points			
Type	ID	Asmt Year	Value
TBmsy	-	-	-
SSBmsy	-	-	-
Fmsy	-	-	-
ERmsy	-	-	-
TBmgt	-	-	-
SSBmgt	-	-	-
Fmgt	-	-	-
ERmgt	-	-	-
TB0	-	-	-
SSB0	-	-	-
MSY	-	-	-
M	-	-	-
TBlim	-	-	-
SSBlim	-	-	-
Flim	-	-	-
ERlim	-	-	-

Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
TB	-	-	-	-	-
SSB	-	-	-	-	-
TN	-	-	-	-	-
R	-	-	-	-	-
F	-	-	-	-	-
ER	-	-	-	-	-
TC	TC-MT	2015	154		
TL	-	-	-		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	-	-	-		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	-	-	-		
ER/ERmgt	-	-	-		

Kobe MSY*



Kobe MGT*



Spawner Recruit*



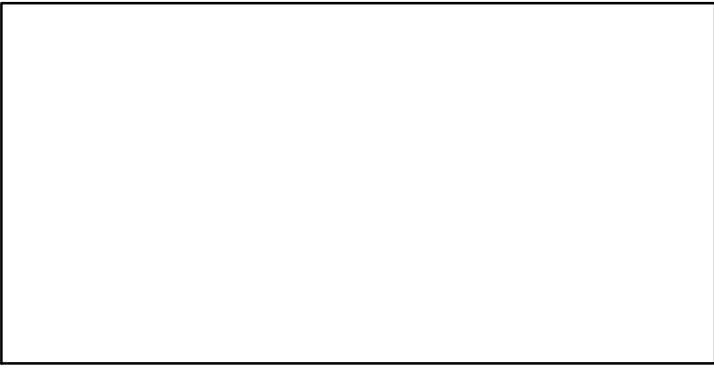
Production*



◆ Start Year ◆ End Year * No Data

Green jobfish Main Hawaiian Islands [GJOBMHI]

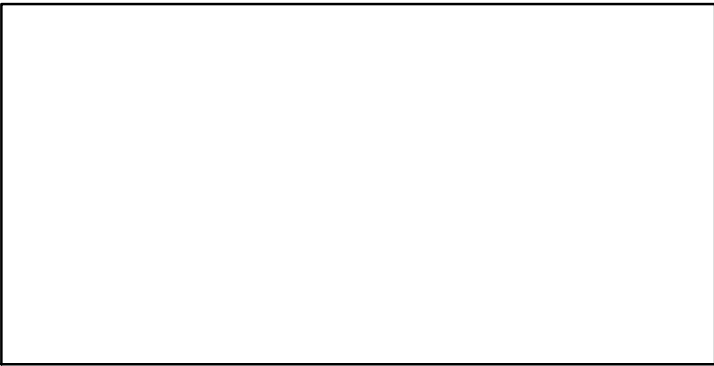
TB*



SSB*



TN *



F*



ER*



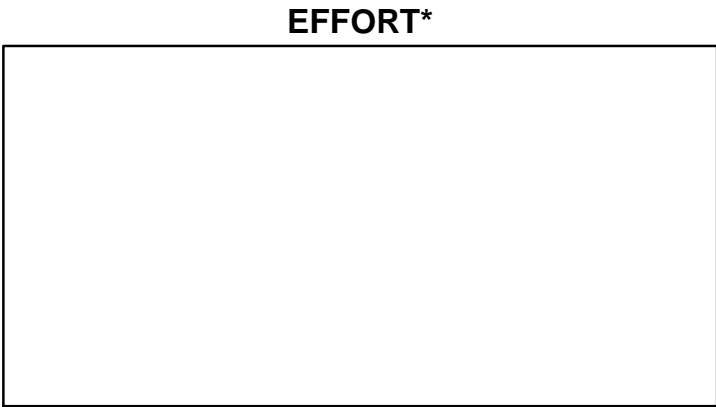
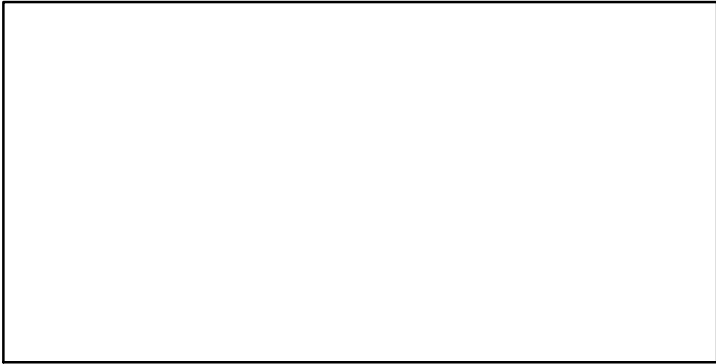
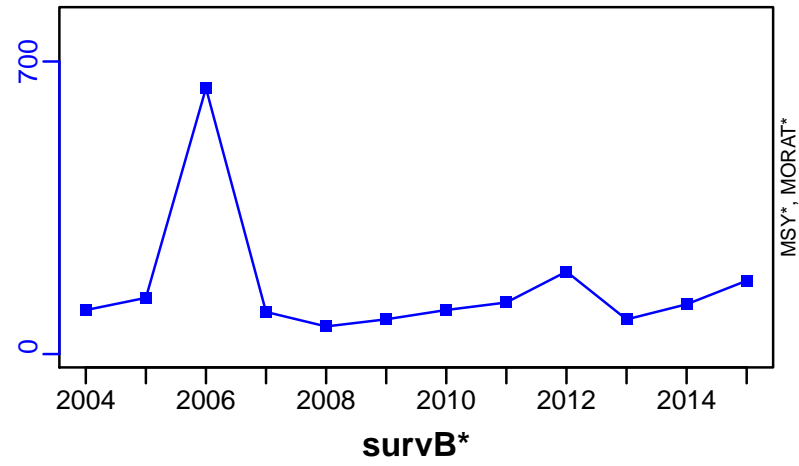
Recruits*



Green jobfish Main Hawaiian Islands [GJOBMHI]

TC-MT, TL*, RecC* (2004–2015–SISIMP2021)

TAC*, Cpair*, Cadv*



Giant trevally Main Hawaiian Islands [GTREVMHI]

Metadata	
Scientific Name	Caranx ignobilis
Current Assess ID	PIFSC-GTREVMHI-2004-2015-SISIMP2021
Area	Main Hawaiian Islands
Management Authority	National Marine Fisheries Service, US national management
Assessor	Pacific Fisheries Science Center
Asmts in RAM	2015

Reference Points			
Type	ID	Asmt Year	Value
TBmsy	-	-	-
SSBmsy	-	-	-
Fmsy	-	-	-
ERmsy	-	-	-
TBmgt	-	-	-
SSBmgt	-	-	-
Fmgt	-	-	-
ERmgt	-	-	-
TB0	-	-	-
SSB0	-	-	-
MSY	-	-	-
M	-	-	-
TBlim	-	-	-
SSBlim	-	-	-
Flim	-	-	-
ERlim	-	-	-

Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
TB	-	-	-	-	-
SSB	-	-	-	-	-
TN	-	-	-	-	-
R	-	-	-	-	-
F	-	-	-	-	-
ER	-	-	-	-	-
TC	TC-MT	2015	309		
TL	-	-	-		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	-	-	-		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	-	-	-		
ER/ERmgt	-	-	-		

Giant trevally Main Hawaiian Islands [GTREVMHI]

Kobe MSY*



Kobe MGT*



Spawner Recruit*



Production*



◆ Start Year ◆ End Year * No Data

Giant trevally Main Hawaiian Islands [GTREVMHI]

TB*



SSB*



TN *



F*



ER*



Recruits*



■ Listed time series

--- MSY-based BRP

--- Target BRP

--- Lim BRP

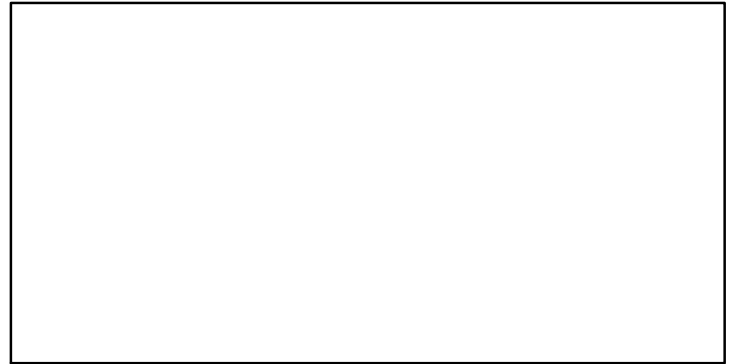
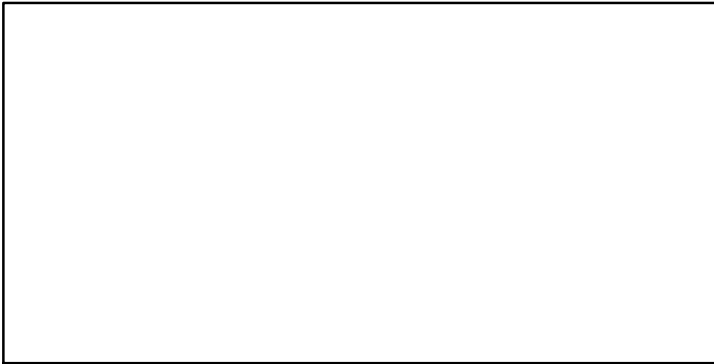
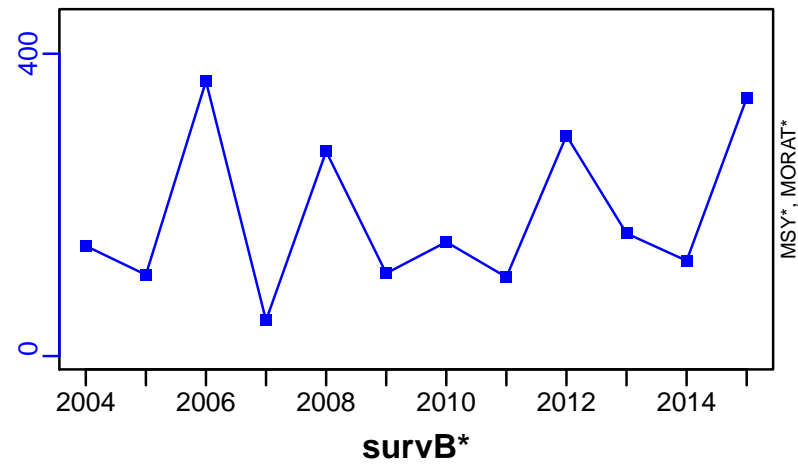
— Rec-Est

* No Data

Giant trevally Main Hawaiian Islands [GTREVMHI]

TC-MT, TL*, RecC* (2004–2015–SISIMP2021)

TAC*, Cpair*, Cadv*



Sleek unicornfish Main Hawaiian Islands [SUNIMHI]

Metadata	
Scientific Name	Naso hexacanthus
Current Assess ID	PIFSC-SUNIMHI-2004-2015-SISIMP2021
Area	Main Hawaiian Islands
Management Authority	National Marine Fisheries Service, US national management
Assessor	Pacific Fisheries Science Center
Asmts in RAM	2015

Reference Points			
Type	ID	Asmt Year	Value
TBmsy	-	-	-
SSBmsy	-	-	-
Fmsy	-	-	-
ERmsy	-	-	-
TBmgt	-	-	-
SSBmgt	-	-	-
Fmgt	-	-	-
ERmgt	-	-	-
TB0	-	-	-
SSB0	-	-	-
MSY	-	-	-
M	-	-	-
TBlim	-	-	-
SSBlim	-	-	-
Flim	-	-	-
ERlim	-	-	-

Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
TB	-	-	-	-	-
SSB	-	-	-	-	-
TN	-	-	-	-	-
R	-	-	-	-	-
F	-	-	-	-	-
ER	-	-	-	-	-
TC	TC-MT	2015	1.579		
TL	-	-	-		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	-	-	-		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	-	-	-		
ER/ERmgt	-	-	-		

Sleek unicornfish Main Hawaiian Islands [SUNIMHI]

Kobe MSY*



Kobe MGT*



Spawner Recruit*



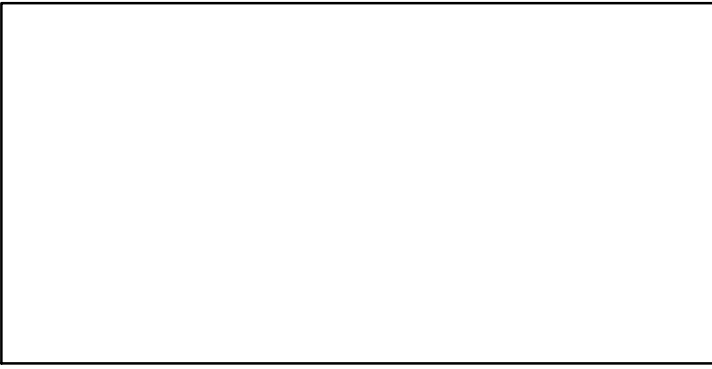
Production*



◆ Start Year ◆ End Year * No Data

Sleek unicornfish Main Hawaiian Islands [SUNIMHI]

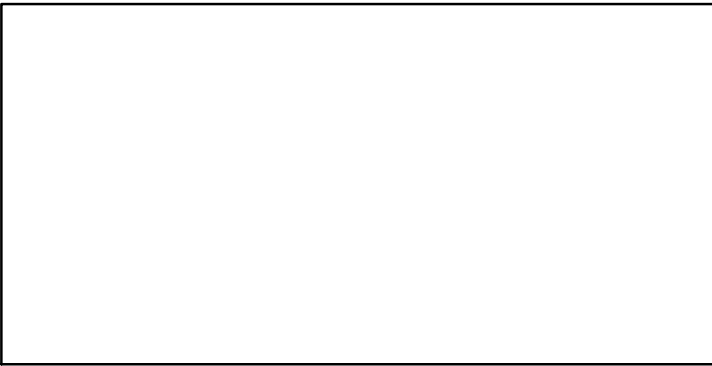
TB*



SSB*



TN *



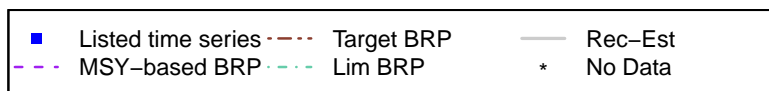
F*



ER*



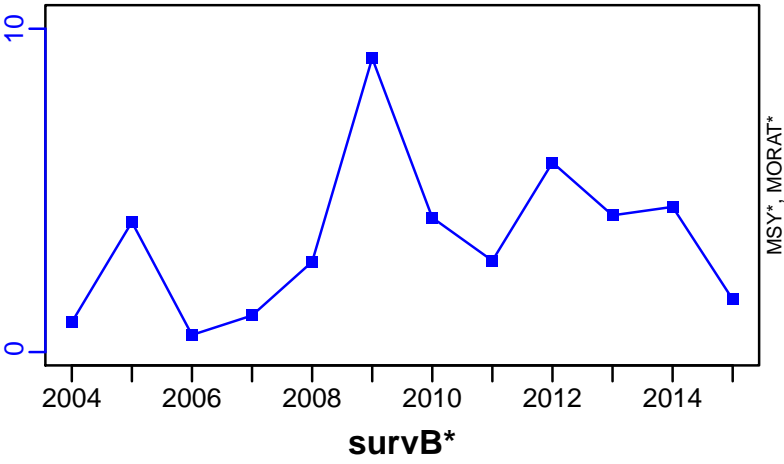
Recruits*



Sleek unicornfish Main Hawaiian Islands [SUNIMHI]

TC-MT, TL*, RecC* (2004–2015–SISIMP2021)

TAC*, Cpair*, Cadv*



Twosaddle goatfish Main Hawaiian Islands [TSGTFMHI]

Metadata	
Scientific Name	Parupeneus bifasciatus
Current Assess ID	PIFSC-TSGTFMHI-2004-2015-SISIMP2021
Area	Main Hawaiian Islands
Management Authority	National Marine Fisheries Service, US national management
Assessor	Pacific Fisheries Science Center
Asmts in RAM	2015

Reference Points			
Type	ID	Asmt Year	Value
TBmsy	-	-	-
SSBmsy	-	-	-
Fmsy	-	-	-
ERmsy	-	-	-
TBmgt	-	-	-
SSBmgt	-	-	-
Fmgt	-	-	-
ERmgt	-	-	-
TB0	-	-	-
SSB0	-	-	-
MSY	-	-	-
M	-	-	-
TBlim	-	-	-
SSBlim	-	-	-
Flim	-	-	-
ERlim	-	-	-

Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
TB	-	-	-	-	-
SSB	-	-	-	-	-
TN	-	-	-	-	-
R	-	-	-	-	-
F	-	-	-	-	-
ER	-	-	-	-	-
TC	TC-MT	2015	0.518		
TL	-	-	-		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	-	-	-		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	-	-	-		
ER/ERmgt	-	-	-		

Kobe MSY*



Kobe MGT*



Spawner Recruit*



Production*



◆ Start Year ◆ End Year * No Data

Twosaddle goatfish Main Hawaiian Islands [TSGTFMHI]

TB*



SSB*



TN *



F*



ER*

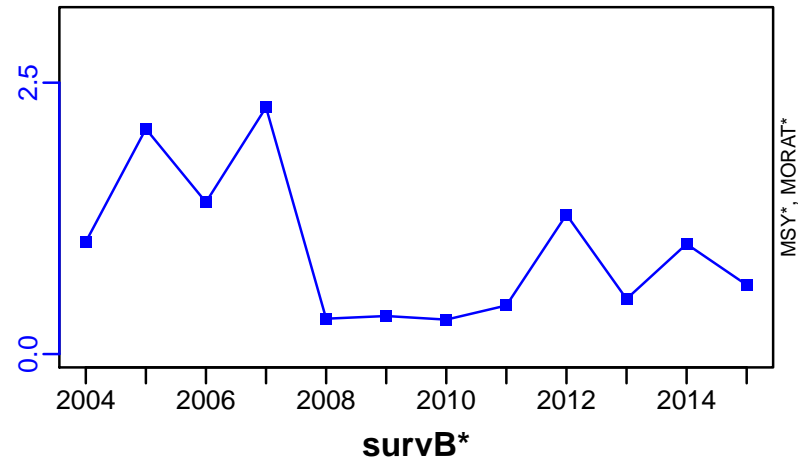


Recruits*



Twosaddle goatfish Main Hawaiian Islands [TSGTFMHI]

TC-MT, TL*, RecC* (2004–2015–SISIMP2021)



TAC*, Cpair*, Cadv*



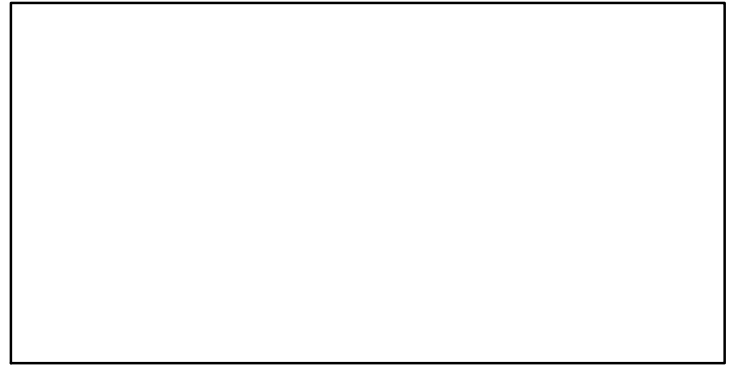
CPUE*



EFFORT*



CdivMSY*



Whitesaddle goatfish Main Hawaiian Islands [WSGTFMHI]

Metadata	
Scientific Name	Parupeneus porphyreus
Current Assess ID	PIFSC-WSGTFMHI-2004-2015-SISIMP2021
Area	Main Hawaiian Islands
Management Authority	National Marine Fisheries Service, US national management
Assessor	Pacific Fisheries Science Center
Asmts in RAM	2015

Reference Points			
Type	ID	Asmt Year	Value
TBmsy	-	-	-
SSBmsy	-	-	-
Fmsy	-	-	-
ERmsy	-	-	-
TBmgt	-	-	-
SSBmgt	-	-	-
Fmgt	-	-	-
ERmgt	-	-	-
TB0	-	-	-
SSB0	-	-	-
MSY	-	-	-
M	-	-	-
TBlim	-	-	-
SSBlim	-	-	-
Flim	-	-	-
ERlim	-	-	-

Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
TB	-	-	-	-	-
SSB	-	-	-	-	-
TN	-	-	-	-	-
R	-	-	-	-	-
F	-	-	-	-	-
ER	-	-	-	-	-
TC	TC-MT	2015	4.069		
TL	-	-	-		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	-	-	-		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	-	-	-		
ER/ERmgt	-	-	-		

Kobe MSY*



Kobe MGT*



Spawner Recruit*



Production*



◆ Start Year ◆ End Year * No Data

Whitesaddle goatfish Main Hawaiian Islands [WSGTFMHI]

TB*



SSB*



TN *



F*



ER*

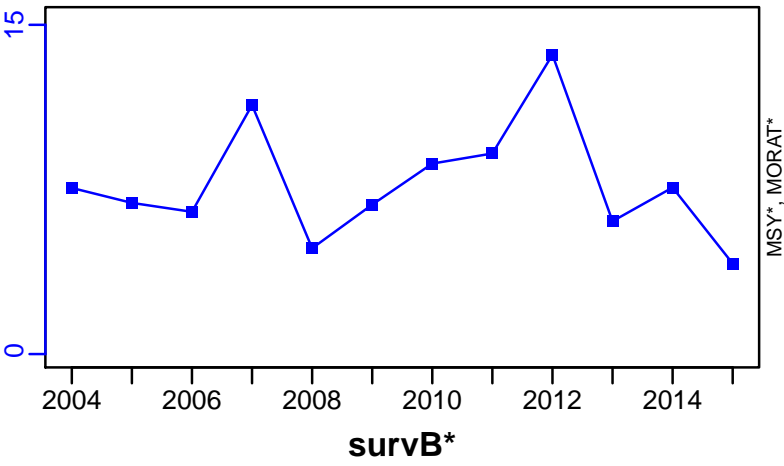


Recruits*



Whitesaddle goatfish Main Hawaiian Islands [WSGTFMHI]

TC-MT, TL*, RecC* (2004-2015-SISIMP2021)



TAC*, Cpair*, Cadv*



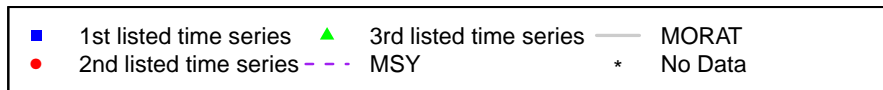
CPUE*



EFFORT*



CdivMSY*



Yellowfin goatfish Main Hawaiian Islands [YFGTFMHI]

Metadata	
Scientific Name	Mulloides vanicolensis
Current Assess ID	PIFSC-YFGTFMHI-2004-2015-SISIMP2021
Area	Main Hawaiian Islands
Management Authority	National Marine Fisheries Service, US national management
Assessor	Pacific Fisheries Science Center
Asmts in RAM	2015

Reference Points			
Type	ID	Asmt Year	Value
TBmsy	-	-	-
SSBmsy	-	-	-
Fmsy	-	-	-
ERmsy	-	-	-
TBmgt	-	-	-
SSBmgt	-	-	-
Fmgt	-	-	-
ERmgt	-	-	-
TB0	-	-	-
SSB0	-	-	-
MSY	-	-	-
M	-	-	-
TBlim	-	-	-
SSBlim	-	-	-
Flim	-	-	-
ERlim	-	-	-

Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
TB	-	-	-	-	-
SSB	-	-	-	-	-
TN	-	-	-	-	-
R	-	-	-	-	-
F	-	-	-	-	-
ER	-	-	-	-	-
TC	TC-MT	2015	182		
TL	-	-	-		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	-	-	-		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	-	-	-		
ER/ERmgt	-	-	-		

Kobe MSY*



Kobe MGT*



Spawner Recruit*



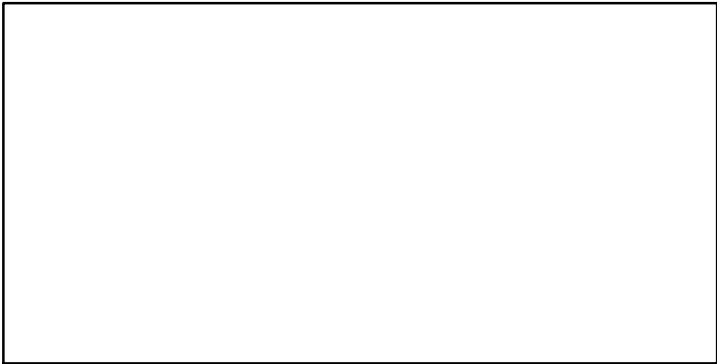
Production*



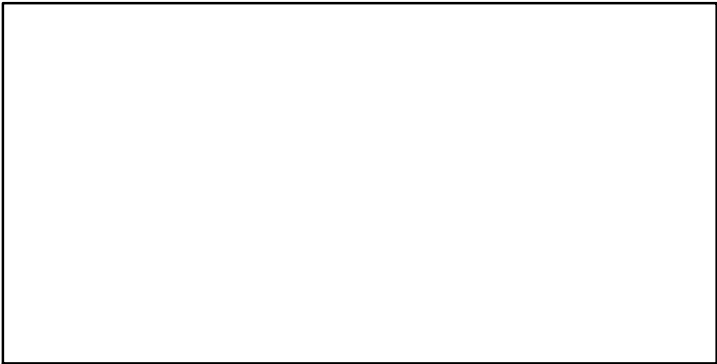
◆ Start Year ◆ End Year * No Data

Yellowfin goatfish Main Hawaiian Islands [YFGTFMHI]

TB*



SSB*



TN *



F*



ER*



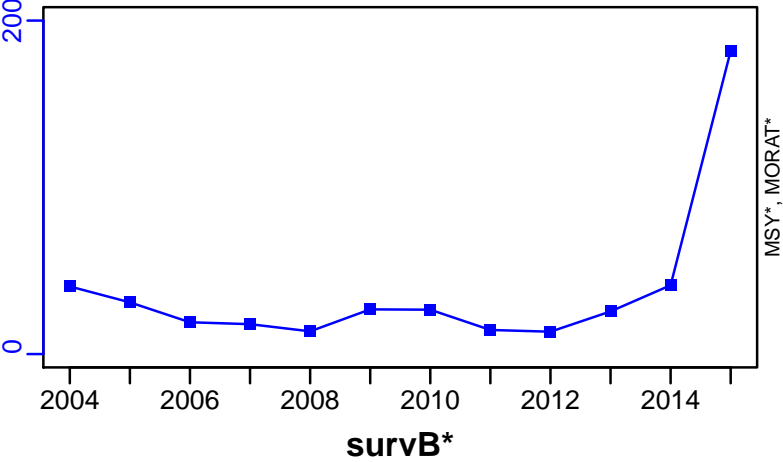
Recruits*



■ Listed time series	- - - Target BRP	— Rec-Est
- - - MSY-based BRP	· · · Lim BRP	* No Data

Yellowfin goatfish Main Hawaiian Islands [YFGTFMHI]

TC-MT, TL*, RecC* (2004-2015-SISIMP2021)



TAC*, Cpair*, Cadv*



CPUE*



EFFORT*



CdivMSY*



Yellowstripe goatfish Main Hawaiian Islands [YSGTFMHI]

Metadata	
Scientific Name	Mulloidichthys flavolineatus
Current Assess ID	PIFSC-YSGTFMHI-2004-2015-SISIMP2021
Area	Main Hawaiian Islands
Management Authority	National Marine Fisheries Service, US national management
Assessor	Pacific Fisheries Science Center
Asmts in RAM	2015

Reference Points			
Type	ID	Asmt Year	Value
TBmsy	-	-	-
SSBmsy	-	-	-
Fmsy	-	-	-
ERmsy	-	-	-
TBmgt	-	-	-
SSBmgt	-	-	-
Fmgt	-	-	-
ERmgt	-	-	-
TB0	-	-	-
SSB0	-	-	-
MSY	-	-	-
M	-	-	-
TBlim	-	-	-
SSBlim	-	-	-
Flim	-	-	-
ERlim	-	-	-

Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
TB	-	-	-	-	-
SSB	-	-	-	-	-
TN	-	-	-	-	-
R	-	-	-	-	-
F	-	-	-	-	-
ER	-	-	-	-	-
TC	TC-MT	2015	129		
TL	-	-	-		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	-	-	-		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	-	-	-		
ER/ERmgt	-	-	-		

Kobe MSY*



Kobe MGT*



Spawner Recruit*



Production*



◆ Start Year ◆ End Year * No Data

Yellowstripe goatfish Main Hawaiian Islands [YSGTFMHI]

TB*



SSB*



TN *



F*



ER*



Recruits*



■ Listed time series	- - - Target BRP	— Rec-Est
- - - MSY-based BRP	- · - Lim BRP	* No Data

Yellowstripe goatfish Main Hawaiian Islands [YSGTFMHI]

TC-MT, TL*, RecC* (2004–2015–SISIMP2021)

TAC*, Cpair*, Cadv*

