


Netting Billions 2020: Values and Trends in Commercial Tuna Fisheries

Data visualization lets users explore data trends in catch and revenue across the seven most commercially important tunas

DATA VISUALIZATION June 11, 2015 Topics: [Ocean Conservation](#) Projects: [Ending Illegal Fishing](#) Tags: [International policy](#) Read time: 1 min

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Overview

Commercial tuna fisheries contribute more than US\$40 billion to the global economy annually, but high demand for these species has depleted their economic and ecological value. To investigate trends in the catch and value of these fisheries, The Pew Charitable Trusts has published two reports estimating the global values for commercial tuna fisheries targeting seven species: yellowfin, skipjack, bigeye, albacore, and Atlantic, Pacific, and southern bluefin tunas. The 2020 report found that between 2012 and 2018, the estimated end value of these tunas—the total amount paid by the final customers—has declined, even though overall catch has gone up--conclusively showing that changes in catch volume and revenue are not always correlated.

The following tables provide data from Pew’s 2020 report on catch volume, dock value, and end value, and are searchable by region, gear, species, and [end product](#). Filters can be used to further explore any combination of categories and the resulting data trends.

RFMO

ICCAT 

Species

Gear

Pole & Line

Gillnet

Handlin


Longline

Other

Purse Seine


Trawl

Products


IOTC 

CCSBT 

WCPFC 

IATTC 

International Commission for the Conservation of Atlantic Tunas

IATTC 

GEAR




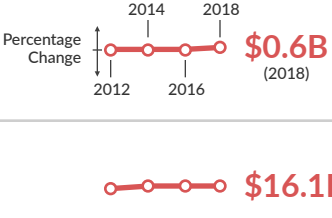





SPECIES

PRODUCT




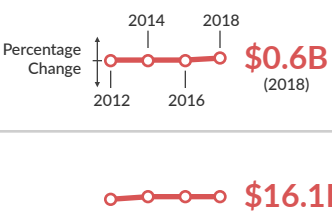











RFMO

Sed malesuada mollis magna non maximus. Maecenas interdum mi a pretium luctus. Fusce ac euismod sapien.

	Catch	Dock Value 	End Value 
 .02t	 \$0.2B	 <div>Percentage Change 2012 2014 2016 2018 \$0.6B (2018)</div>	
 3.0t	 \$4B	 \$16.1B	
 .02t	 \$0.2B	 \$0.6B	
 3.0t	 \$4B	 \$16.1B	
 .02t	 \$0.2B	 \$0.6B	


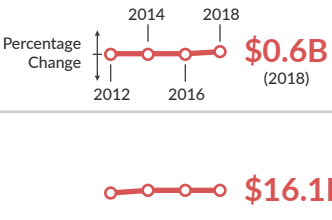












Species

Sed malesuada mollis magna non maximus. Maecenas interdum mi a pretium luctus. Fusce ac euismod sapien.

	Catch	Dock Value 	End Value 
Albacore	 .02t	 \$0.2B	 <div>Percentage Change 2012 2014 2016 2018 \$0.6B (2018)</div>
Bigeye	 3.0t	 \$4B	 \$16.1B
Atlantic bluefin	 .02t	 \$0.2B	 \$0.6B
Pacific bluefin	 3.0t	 \$4B	 \$16.1B
Southern bluefin	 .02t	 \$0.2B	 \$0.6B
Skipjack	 3.0t	 \$4B	 \$16.1B
Yellowfin	 3.0t	 \$4B	 \$16.1B




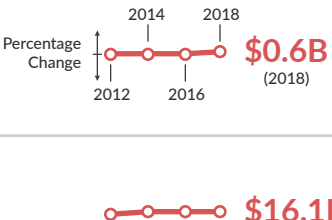











Gear


Sed malesuada mollis magna non maximus. Maecenas interdum mi a pretium luctus. Fusce ac euismod sapien.

	Catch	Dock Value 	End Value 
Pole & Line	 .02t	 \$0.2B	 <div>Percentage Change 2012 2014 2016 2018 \$0.6B (2018)</div>
Gillnet	 3.0t	 \$4B	 \$16.1B
Handline	 .02t	 \$0.2B	 \$0.6B
Longline	 3.0t	 \$4B	 \$16.1B
Other	 .02t	 \$0.2B	 \$0.6B
Purse Seine	 3.0t	 \$4B	 \$16.1B
Trawl	 3.0t	 \$4B	 \$16.1B

Products

Sed malesuada mollis magna non maximus. Maecenas interdum mi a pretium luctus. Fusce ac euismod sapien.

	Catch	Dock Value 	End Value 
For loining/canning	 .02t	 \$0.2B	 <div>Percentage Change 2012 2014 2016 2018 \$0.6B (2018)</div>
Canning byproducts	 3.0t	 \$4B	 \$16.1B
For domestic (fresh or processing)	 .02t	 \$0.2B	 \$0.6B
Fresh sashimi	 3.0t	 \$4B	 \$16.1B
For frozen sashimi	 .02t	 \$0.2B	 \$0.6B
For ranching	 .02t	 \$0.2B	 \$0.6B

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RFMO

GEAR

SPECIES

PRODUCT

⌵

RFMO




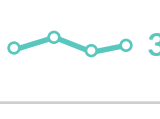
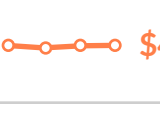






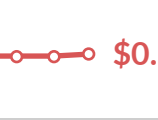







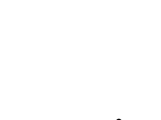

Sed malesuada mollis magna non maximus. Maecenas interdum mi a pretium luctus. Fusce ac euismod sapien.

The amount paid to fishers for their catch

	Catch	Dock Value	End Value
ICCAT	 .02t	 \$0.2B	 \$0.6B
IOTC	 3.0t	 \$4B	 \$16.1B
Species			
+ Albacore	 .02t	 \$0.2B	 \$0.6B
+ Bigeye	 .02t	 \$0.2B	 \$0.6B
+ Atlantic bluefin	 .02t	 \$0.2B	 \$0.6B
+ Pacific bluefin	 .02t	 \$0.2B	 \$0.6B
+ Southern bluefin	 .02t	 \$0.2B	 \$0.6B
+ Skipjack	 .02t	 \$0.2B	 \$0.6B
+ Yellowfin	 .02t	 \$0.2B	 \$0.6B
Gear			
			\$0.6B
+ Pole & Line	 .02t	 \$0.2B	 \$0.6B
+ Gillnet	 .02t	 \$0.2B	 \$0.6B
+ Handline	 .02t	 \$0.2B	 \$0.6B
+ Longline	 .02t	 \$0.2B	 \$0.6B
+ Other	 .02t	 \$0.2B	 \$0.6B
+ Purse Seine	 .02t	 \$0.2B	 \$0.6B
+ Trawl	 .02t	 \$0.2B	 \$0.6B
Products			
+ For loining/canning	 .02t	 \$0.2B	 \$0.6B
+ Canning byproducts	 .02t	 \$0.2B	 \$0.6B
+ For domestic (fresh or processing)	 .02t	 \$0.2B	 \$0.6B
+ For fresh sashimi	 .02t	 \$0.2B	 \$0.6B
+ For frozen sashimi	 .02t	 \$0.2B	 \$0.6B
+ For ranching	 .02t	 \$0.2B	 \$0.6B
CCSBT	 .02t	 \$0.2B	 \$0.6B
WCPFC	 3.0t	 \$4B	 \$16.1B
IATTC	 .02t	 \$0.2B	 \$0.6B






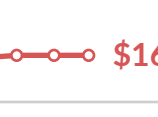







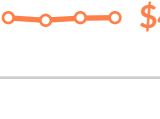
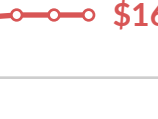






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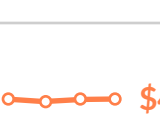
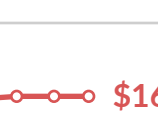



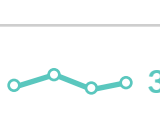
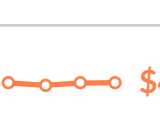
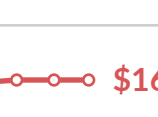

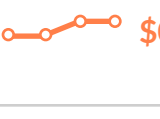
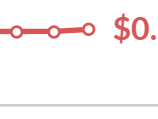



Gear

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RFMO

METHODS














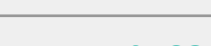

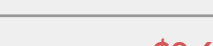






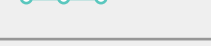








































SPECIES

PRODUCT


























RFMO

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ICCAT 	 .02t	 \$0.2B	 \$0.6B
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WCPFC 	 .02t	 \$0.2B	 \$0.6B
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Species

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Gear

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	Catch	Dock Value 	End Value 
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
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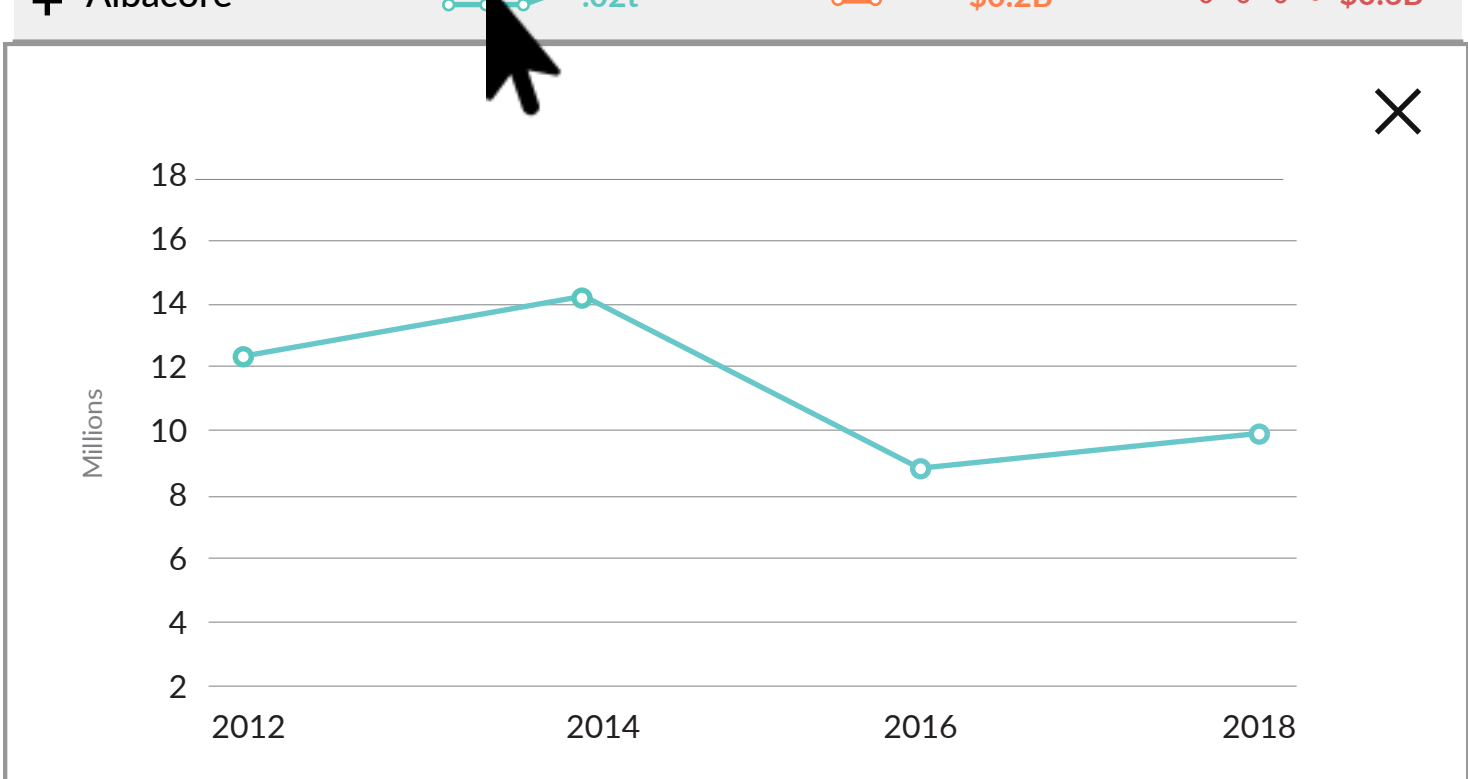
































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[RFMO](#)[METHODS](#)[SPECIES](#)[PRODUCT](#)


























RFMO

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<div><div>18 16 14 12 10 8 6 4 2 2012 2014 2016 2018 Years Millions</div></div>			
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WCPFC 	 .02t	 \$0.2B	 \$0.6B
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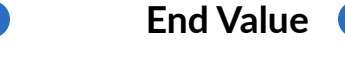


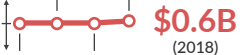












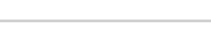
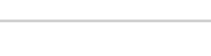
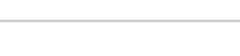
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Gear

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Pole & Line	 .02t	 \$0.2B	 <div>Percentage Change 2012 2014 2016 2018 \$0.6B (2018)</div>
Gillnet	 3.0t	 \$4B	 \$16.1B
Handline	 .02t	 \$0.2B	 \$0.6B
Longline	 3.0t	 \$4B	 \$16.1B
Other	 .02t	 \$0.2B	 \$0.6B
Purse Seine	 3.0t	 \$4B	 \$16.1B
Trawl	 3.0t	 \$4B	 \$16.1B

Products

Sed malesuada mollis magna non maximus. Maecenas interdum mi a pretium luctus. Fusce ac euismod sapien.

	Catch	Dock Value 	End Value 
For loining/canning	 .02t	 \$0.2B	 <div>Percentage Change 2012 2014 2016 2018 \$0.6B (2018)</div>
Canning byproducts	 3.0t	 \$4B	 \$16.1B
For domestic (fresh or processing)	 .02t	 \$0.2B	 \$0.6B
Fresh sashimi	 3.0t	 \$4B	 \$16.1B
For frozen sashimi	 .02t	 \$0.2B	 \$0.6B
For ranching	 .02t	 \$0.2B	 \$0.6B

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Netting Billions 2020: Values and Trends in Commercial Tuna Fisheries

Data visualization lets users explore data trends in catch and revenue across the seven most commercially important tunas

DATA VISUALIZATION June 11, 2015 Topics: [Ocean Conservation](#) Projects: [Ending Illegal Fishing](#) Tags: [International policy](#) Read time: 1 min

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Overview

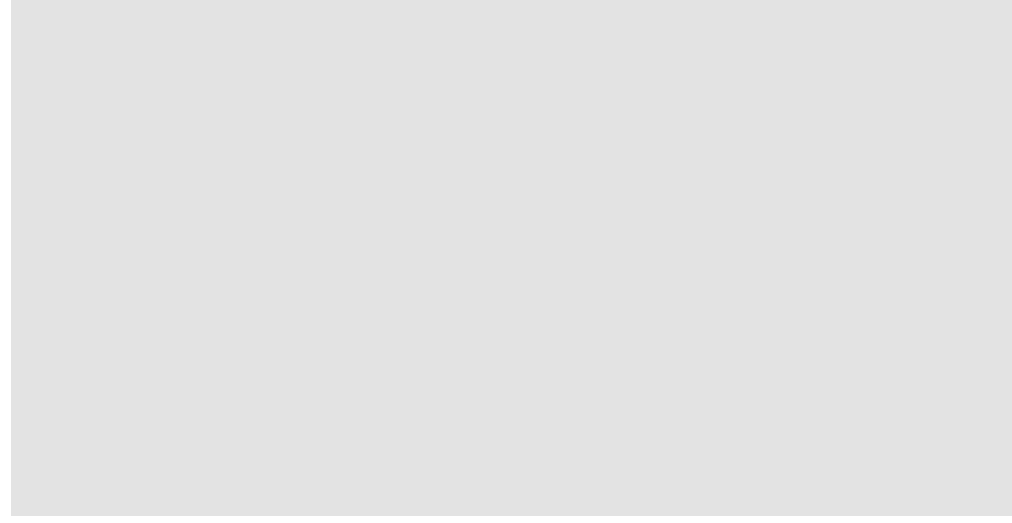
Commercial tuna fisheries contribute more than US\$40 billion to the global economy annually, but high demand for these species has depleted their economic and ecological value. To investigate trends in the catch and value of these fisheries, The Pew Charitable Trusts has published two reports estimating the global values for commercial tuna fisheries targeting seven species: yellowfin, skipjack, bigeye, albacore, and Atlantic, Pacific, and southern bluefin tunas. The 2020 report found that between 2012 and 2018, the estimated end value of these tunas—the total amount paid by the final customers—has declined, even though overall catch has gone up--conclusively showing that changes in catch volume and revenue are not always correlated.

The following tables provide data from Pew's 2020 report on catch volume, dock value, and end value, and are searchable by region, gear, species, and [end product](#). Filters can be used to further explore any combination of categories and the resulting data trends.

Available Filters:

- RFMO
- GEAR
- SPECIES
- PRODUCT

Organize by:



Sed malesuada mollis magna non maximus. Maecenas interdum mi a pretium luctus. Fusce ac euismod sapien.

	Catch	Dock Value	End Value
ICCAT	.02t	\$0.2B	\$0.6B (2018)
IOTC	3.0t	\$4B	\$16.1B
CCSBT	.02t	\$0.2B	\$0.6B
WCPFC	3.0t	\$4B	\$16.1B
IATTC	.02t	\$0.2B	\$0.6B

Species

Sed malesuada mollis magna non maximus. Maecenas interdum mi a pretium luctus. Fusce ac euismod sapien.

	Catch	Dock Value	End Value
Albacore	.02t	\$0.2B	\$0.6B (2018)
Bigeye	3.0t	\$4B	\$16.1B
Atlantic bluefin	.02t	\$0.2B	\$0.6B
Pacific bluefin	3.0t	\$4B	\$16.1B
Southern bluefin	.02t	\$0.2B	\$0.6B
Skipjack	3.0t	\$4B	\$16.1B
Yellowfin	3.0t	\$4B	\$16.1B

Gear

Sed malesuada mollis magna non maximus. Maecenas interdum mi a pretium luctus. Fusce ac euismod sapien.

	Catch	Dock Value	End Value
Pole & Line	.02t	\$0.2B	\$0.6B (2018)
Gillnet	3.0t	\$4B	\$16.1B
Handline	.02t	\$0.2B	\$0.6B
Longline	3.0t	\$4B	\$16.1B
Other	.02t	\$0.2B	\$0.6B
Purse Seine	3.0t	\$4B	\$16.1B
Trawl	3.0t	\$4B	\$16.1B

Products

Sed malesuada mollis magna non maximus. Maecenas interdum mi a pretium luctus. Fusce ac euismod sapien.

	Catch	Dock Value	End Value
For loining/canning	.02t	\$0.2B	\$0.6B (2018)
Canning byproducts	3.0t	\$4B	\$16.1B
For domestic (fresh or processing)	.02t	\$0.2B	\$0.6B
Fresh sashimi	3.0t	\$4B	\$16.1B
For frozen sashimi	.02t	\$0.2B	\$0.6B
For ranching	.02t	\$0.2B	\$0.6B

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The following tables provide data from Pew's 2020 report on catch volume, dock value, and end value, and are searchable by region, gear, species, and [end product](#). Filters can be used to further explore any combination of categories and the resulting data trends.
















Available Filters:

- GEAR
- PRODUCT

Organize by:






















- RFMO
- SPECIES

Sed malesuada mollis magna non maximus. Maecenas interdum mi a pretium luctus. Fusce ac euismod sapien.

	Catch	Dock Value <i>i</i>	End Value <i>i</i>
ICCAT <i>i</i>	 .02t	 \$0.2B	 \$0.6B (2018)
IOTC <i>i</i>	 3.0t	 \$4B	 \$16.1B
CCSBT <i>i</i>	 .02t	 \$0.2B	 \$0.6B
WCPFC <i>i</i>	 3.0t	 \$4B	 \$16.1B
IATTC <i>i</i>	 .02t	 \$0.2B	 \$0.6B






















Species

Sed malesuada mollis magna non maximus. Maecenas interdum mi a pretium luctus. Fusce ac euismod sapien.

	Catch	Dock Value <i>i</i>	End Value <i>i</i>
Albacore	 .02t	 \$0.2B	 \$0.6B (2018)
Bigeye	 3.0t	 \$4B	 \$16.1B
Atlantic bluefin	 .02t	 \$0.2B	 \$0.6B
Pacific bluefin	 3.0t	 \$4B	 \$16.1B
Southern bluefin	 .02t	 \$0.2B	 \$0.6B
Skipjack	 3.0t	 \$4B	 \$16.1B
Yellowfin	 3.0t	 \$4B	 \$16.1B



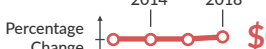















Gear

Sed malesuada mollis magna non maximus. Maecenas interdum mi a pretium luctus. Fusce ac euismod sapien.

	Catch	Dock Value <i>i</i>	End Value <i>i</i>
Pole & Line	 .02t	 \$0.2B	 \$0.6B (2018)
Gillnet	 3.0t	 \$4B	 \$16.1B
Handline	 .02t	 \$0.2B	 \$0.6B
Longline	 3.0t	 \$4B	 \$16.1B
Other	 .02t	 \$0.2B	 \$0.6B
Purse Seine	 3.0t	 \$4B	 \$16.1B
Trawl	 3.0t	 \$4B	 \$16.1B

Products

Sed malesuada mollis magna non maximus. Maecenas interdum mi a pretium luctus. Fusce ac euismod sapien.

	Catch	Dock Value <i>i</i>	End Value <i>i</i>
For loining/canning	 .02t	 \$0.2B	 \$0.6B (2018)
Canning byproducts	 3.0t	 \$4B	 \$16.1B
For domestic (fresh or processing)	 .02t	 \$0.2B	 \$0.6B
Fresh sashimi	 3.0t	 \$4B	 \$16.1B
For frozen sashimi	 .02t	 \$0.2B	 \$0.6B
For ranching	 .02t	 \$0.2B	 \$0.6B

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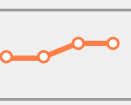





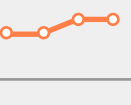





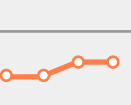
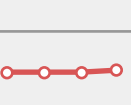
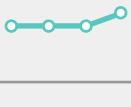
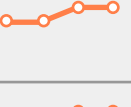
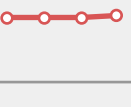




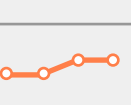


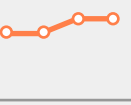

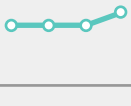
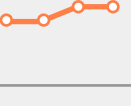
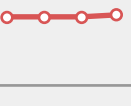












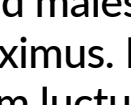
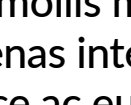
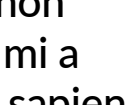






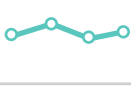
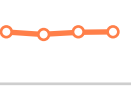
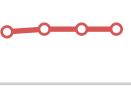









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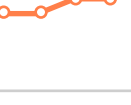


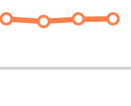







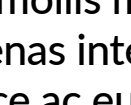
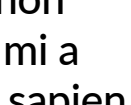
RFMO

Sed malesuada mollis magna non maximus. Maecenas interdum mi a pretium luctus. Fusce ac euismod sapien.

	Catch	Dock Value	End Value
ICCAT	 3.0t	 \$4B	 \$16.1B
IOTC	 3.0t	 \$4B	 \$16.1B
Species			
Albacore	 .02t	 \$0.2B	 \$0.6B
Bigeye	 .02t	 \$0.2B	 \$0.6B
Atlantic bluefin	 .02t	 \$0.2B	 \$0.6B
Pacific bluefin	 3.0t	 \$4B	 \$16.1B
Southern bluefin	 .02t	 \$0.2B	 \$0.6B
Skipjack	 .02t	 \$0.2B	 \$0.6B
Yellowfin	 .02t	 \$0.2B	 \$0.6B
Method			
Pole & Line	 .02t	 \$0.2B	 \$0.6B
Gillnet	 .02t	 \$0.2B	 \$0.6B
Handline	 .02t	 \$0.2B	 \$0.6B
Longline	 .02t	 \$0.2B	 \$0.6B
Other	 .02t	 \$0.2B	 \$0.6B
Purse Seine	 .02t	 \$0.2B	 \$0.6B
Trawl	 .02t	 \$0.2B	 \$0.6B
Product			
Loining/canning	 .02t	 \$0.2B	 \$0.6B
Domestic	 .02t	 \$0.2B	 \$0.6B
Fresh sashimi	 .02t	 \$0.2B	 \$0.6B
Frozen sashimi	 .02t	 \$0.2B	 \$0.6B
Ranching	 .02t	 \$0.2B	 \$0.6B
CCSBT	 .02t	 \$0.2B	 \$0.6B
WCPFC	 .02t	 \$0.2B	 \$0.6B
IATTC	 .02t	 \$0.2B	 \$0.6B





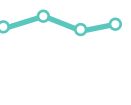

Species

Sed malesuada mollis magna non maximus. Maecenas interdum mi a pretium luctus. Fusce ac euismod sapien.

	Catch	Dock Value	End Value
Albacore	 3.0t	 \$4B	 \$16.1B
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Southern bluefin	 .02t	 \$0.2B	 \$0.6B
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Yellowfin	 .02t	 \$0.2B	 \$0.6B













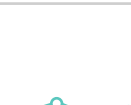



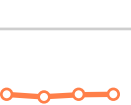

Gear


Sed malesuada mollis magna non maximus. Maecenas interdum mi a pretium luctus. Fusce ac euismod sapien.

	Catch	Dock Value	End Value
Pole & Line	 3.0t	 \$4B	 \$16.1B
Gillnet	 3.0t	 \$4B	 \$16.1B
Handline	 .02t	 \$0.2B	 \$0.6B
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Other	 .02t	 \$0.2B	 \$0.6B
Purse Seine	 3.0t	 \$4B	 \$16.1B
Trawl	 3.0t	 \$4B	 \$16.1B


Products


Sed malesuada mollis magna non maximus. Maecenas interdum mi a pretium luctus. Fusce ac euismod sapien.

	Catch	Dock Value	End Value
Loining/canning	 3.0t	 \$4B	 \$16.1B
Canning byproducts	 .02t	 \$0.2B	 \$0.6B
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Fresh sashimi	 .02t	 \$0.2B	 \$0.6B
Frozen sashimi	 3.0t	 \$4B	 \$16.1B
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RFMO


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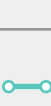
Catch


Dock Value

End Value


ICCAT


 3.0t


 \$4B

 \$16.1B

IOTC


 3.0t


 \$4B


 \$16.1B

Species


Albacore


 .02t


 \$0.2B


 \$0.6B

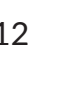
Bigeye


 .02t

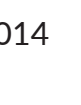
 \$0.2B


 \$0.6B


 18


 16


 14

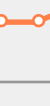
 12

 10

 8

 6

 4

 2

2012


2014


2016


2018

Years


Gillnet


 .02t

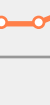
 \$0.2B

 \$0.6B


Handline


 .02t


 \$0.2B

 \$0.6B


Longline


 .02t


 \$0.2B

 \$0.6B


Other


 .02t


 \$0.2B

 \$0.6B


Purse Seine


 .02t


 \$0.2B

 \$0.6B

Trawl


 .02t

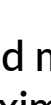
 \$0.2B


 \$0.6B

Product


Loining/canning


 .02t


 \$0.2B

 \$0.6B

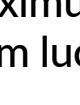
Domestic


 .02t


 \$0.2B

 \$0.6B


Fresh sashimi


 .02t


 \$0.2B

 \$0.6B


Frozen sashimi


 .02t


 \$0.2B

 \$0.6B


Ranching


 .02t


 \$0.2B

 \$0.6B


CCSBT


 .02t


 \$0.2B

 \$0.6B


WCPFC


 .02t


 \$0.2B

 \$0.6B

IATTC

 .02t

 \$0.2B

 \$0.6B

Species


Sed malesuada mollis magna non maximus. Maecenas interdum mi a pretium luctus. Fusce ac euismod sapien.


Catch


Dock Value

End Value


Albacore


 3.0t


 \$4B

 \$16.1B


Bigeye


 3.0t


 \$4B

 \$16.1B


Atlantic bluefin

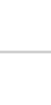
 .02t

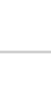
 \$0.2B

 \$0.6B

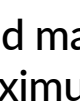
Pacific bluefin


 .02t


 \$0.2B

 \$0.6B


Southern bluefin


 .02t


 \$0.2B

 \$0.6B


Skipjack


 3.0t


 \$4B

 \$16.1B

Yellowfin

 .02t

 \$0.2B

 \$0.6B

Gear


Sed malesuada mollis magna non maximus. Maecenas interdum mi a pretium luctus. Fusce ac euismod sapien.

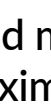
Catch


Dock Value

End Value


Pole & Line


 3.0t


 \$4B

 \$16.1B


Gillnet


 3.0t


 \$4B

 \$16.1B


Handline


 .02t


 \$0.2B

 \$0.6B


Longline

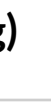
 .02t


 \$0.2B

 \$0.6B

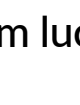
Other


 .02t


 \$0.2B

 \$0.6B


Purse Seine


 3.0t


 \$4B

 \$16.1B

Trawl

 3.0t

 \$4B

 \$16.1B

Products


Sed malesuada mollis magna non maximus. Maecenas interdum mi a pretium luctus. Fusce ac euismod sapien.


Catch


Dock Value

End Value


Loining/canning

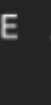
 3.0t


 \$4B

 \$16.1B


Canning byproducts


 .02t


 \$0.2B

 \$0.6B


Domestic (fresh or processing)


 .02t


 \$0.2B

 \$0.6B


Fresh sashimi


 .02t


 \$0.2B

 \$0.6B

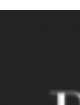
Frozen sashimi

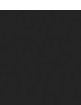
 3.0t

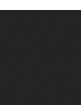
 \$4B


 \$16.1B

Ranching

 3.0t

 \$4B

 \$16.1B



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