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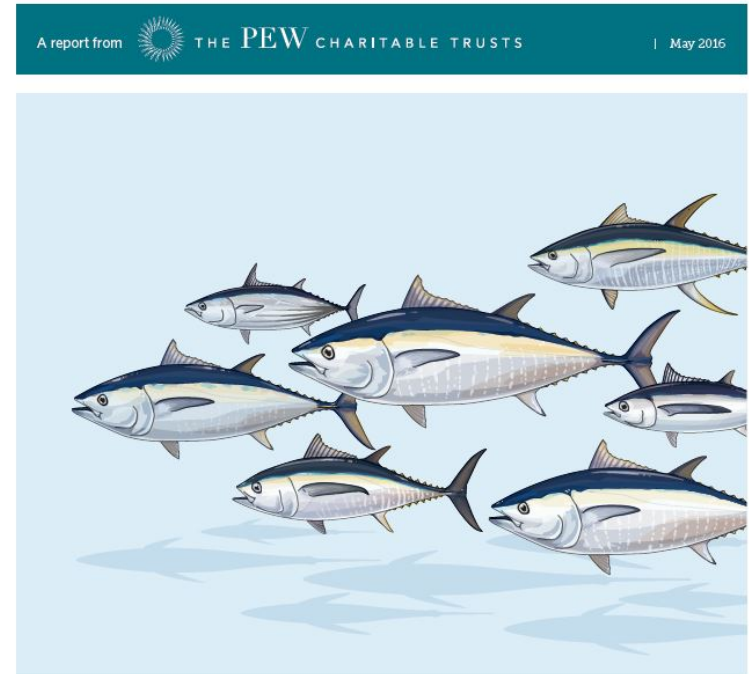
Netting Billions: A Global Valuation of Tuna

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The study

Estimate global value of fisheries targeting the seven most commercially important tuna species worldwide

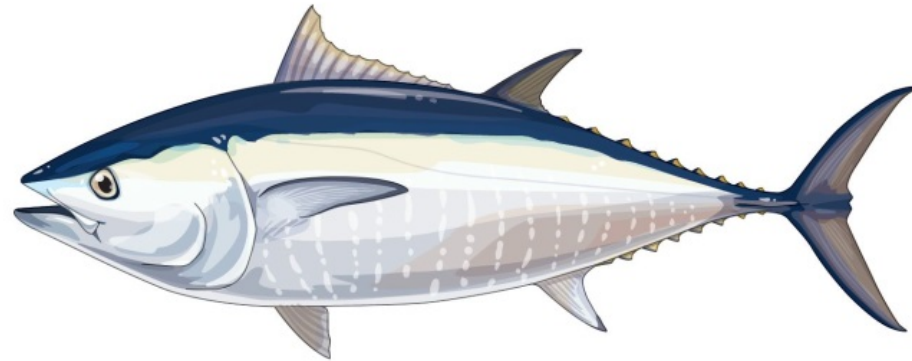
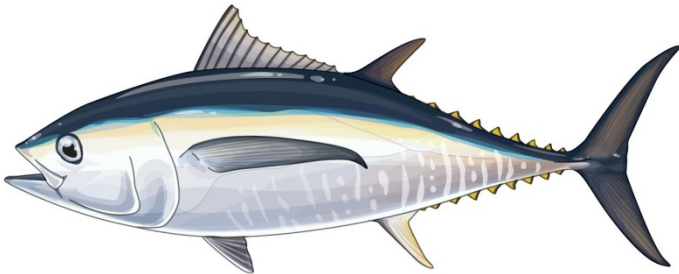
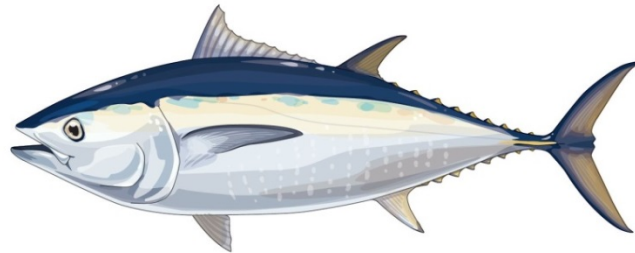
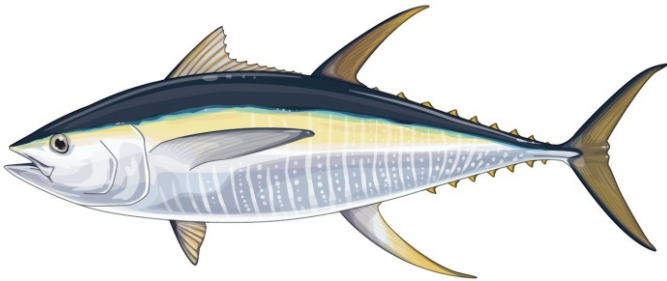
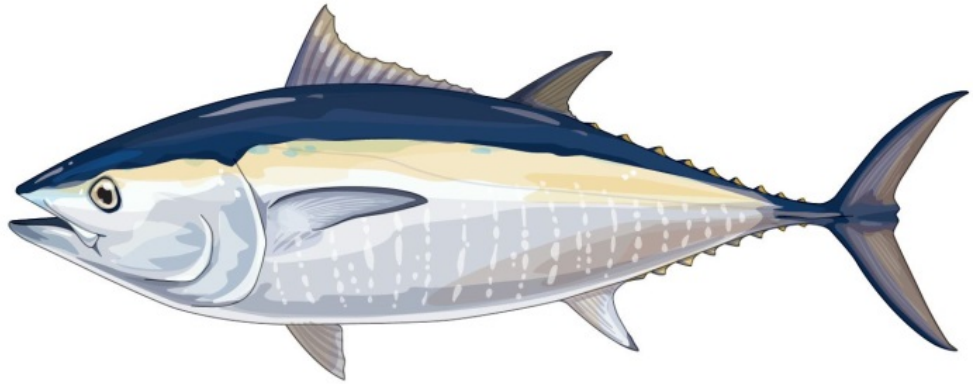


Netting Billions: A Global Valuation of Tuna

Why do this study?

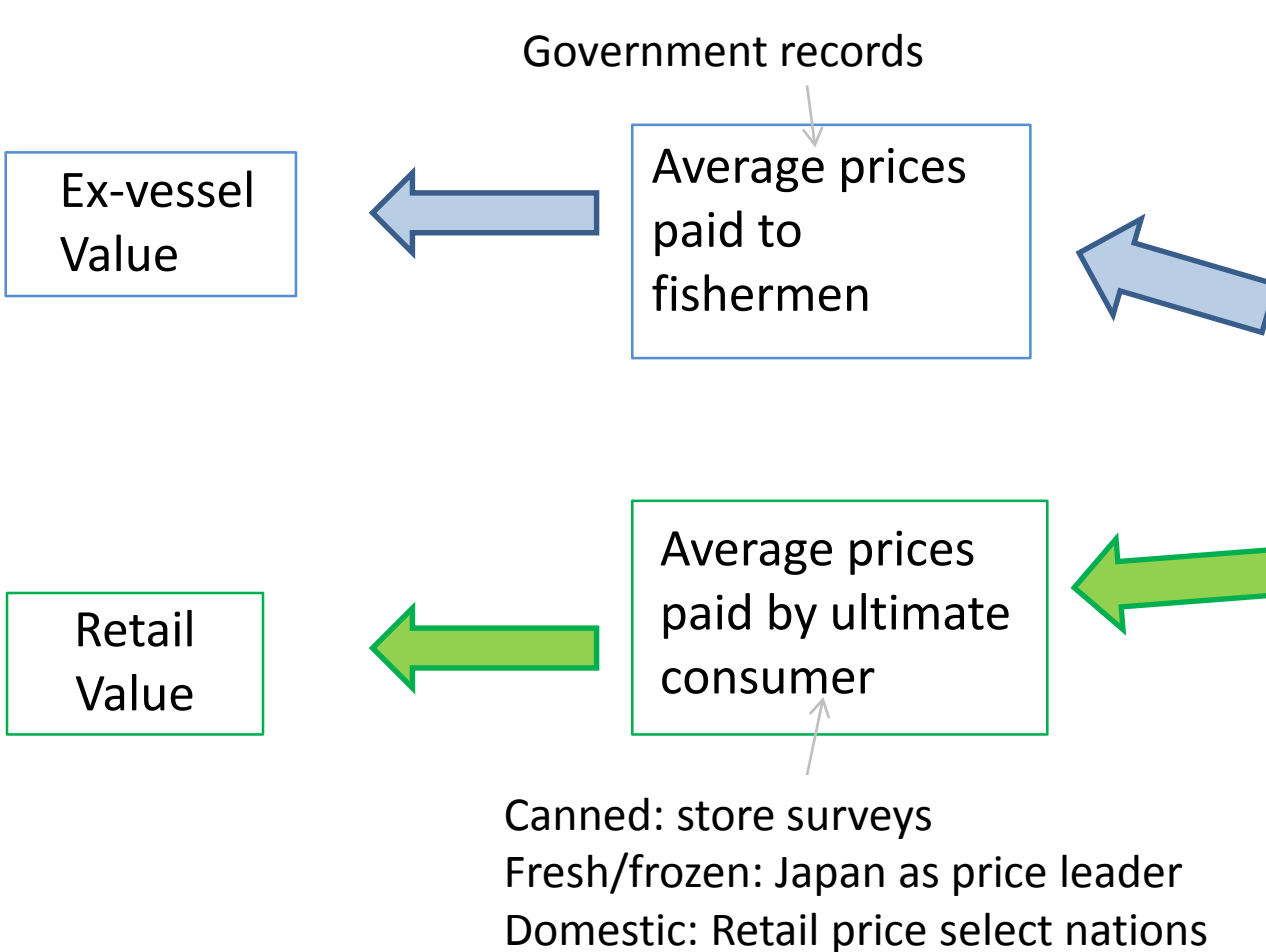
- Tuna fisheries management involves multiple stakeholders, across multiple basins, using multiple gear types
- To gain consensus, decisions by international management bodies are often less effective than industry, civil society, and managers would like
- Global value of tuna completely unknown
- According to this study, 17% of tuna landings and 33% of revenue comes from stocks that are *already* considered overfished by the tuna RFMOs

The species

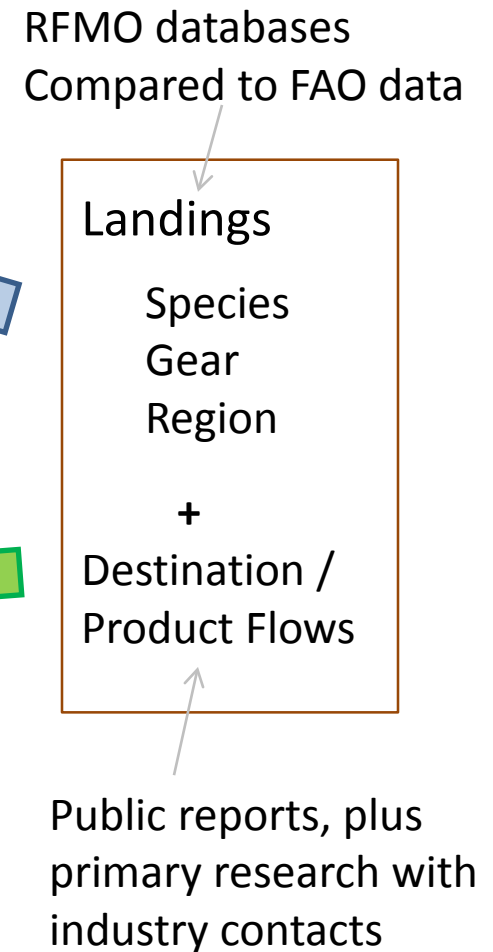


Methodology

What we wanted to know



What we needed to find out



The study

Estimate global value of fisheries targeting the seven most commercially important tuna species worldwide

What we found (2014)

4.99 million mt caught

\$10 billion

‘Ex-vessel value’ – value to fishermen

\$42 billion

‘Retail value’ - amount paid by consumers



Netting Billions: A Global Valuation of Tuna

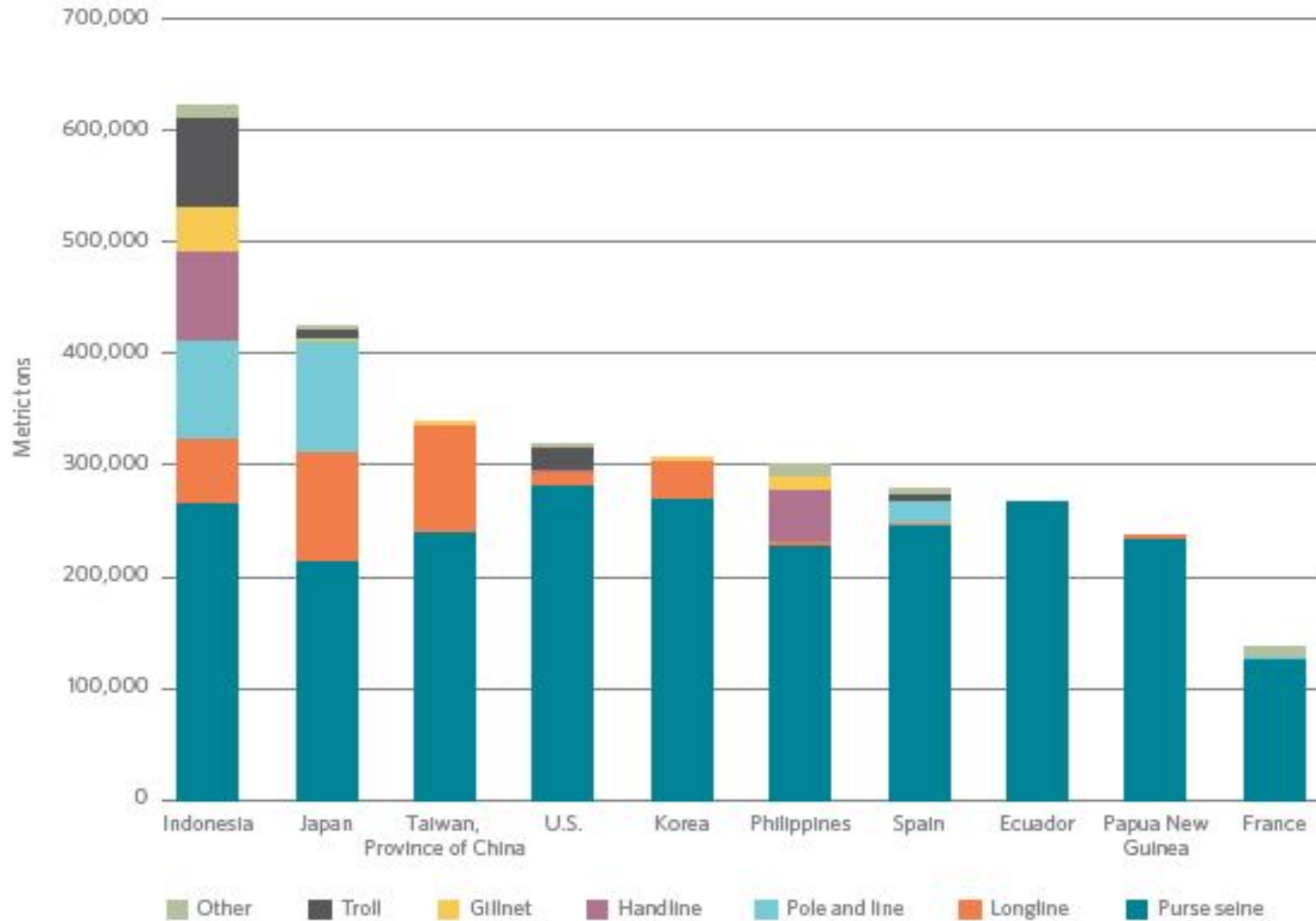
Take home message:

Commercial fisheries targeting the seven most economically important tunas are ultimately generating at least \$42 billion per year.



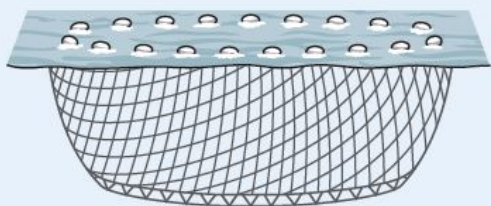
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Top 10 tuna fishing nations

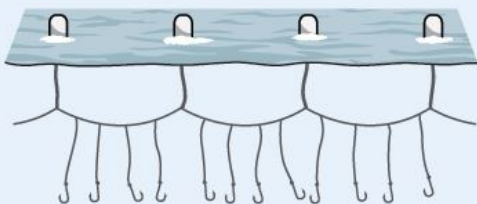


Gear Type

Purse seine



Longline



Landings

Purse seine



Dock value



End value



Longline



Species

Globally, commercial fisheries targeting skipjack and yellowfin are the most valuable tuna fisheries in total dollars and some of the most valuable of all fisheries.

Tuna species	Catch (million metric tons)	Dock value (billion USD)	End value (billion USD)
Skipjack	2.88	\$3.37	\$17.72
Yellowfin	1.37	\$3.34	\$14.92
Bigeye	0.43	\$1.86	\$5.17
Albacore	0.26	\$0.69	\$2.36
Atlantic bluefin	0.015	\$0.19	\$0.81
Pacific bluefin	0.017	\$0.28	\$0.77
Southern bluefin	0.012	\$0.14	\$0.45

Where do tuna fisheries stack up?

Ex-vessel Value

Skipjack US\$3.37 billion

Yellowfin US\$3.24 billion

Bigeye US\$1.86 billion

Peruvian Anchoveta US\$1.83 billion

Alaskan Pollock US\$1.05 billion

Albacore US\$690 million

Pacific Bluefin US\$280 million

Atlantic Herring US\$257 million

Atlantic Bluefin US\$190 million

Southern Bluefin US\$140 million

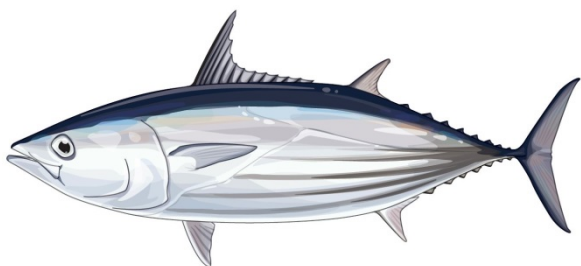
Ex-vessel Value for all
fish landed in the EU =
~US\$8 billion

Ex-vessel value for all
tunas landed worldwide
= ~US\$10-12 billion

Take home message:

Commercial fisheries targeting skipjack and yellowfin are the most valuable tuna fisheries in total dollars and some of the most valuable of all fisheries.

Species



Landings

Skipjack



Dock value



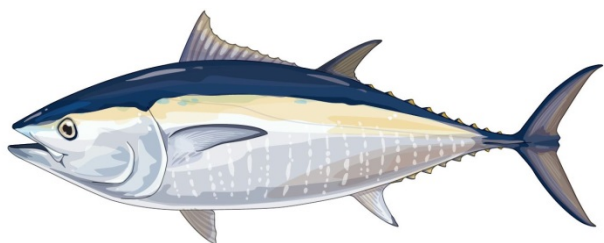
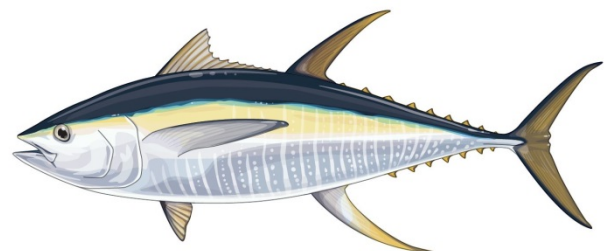
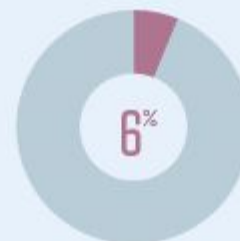
End value



Yellowfin



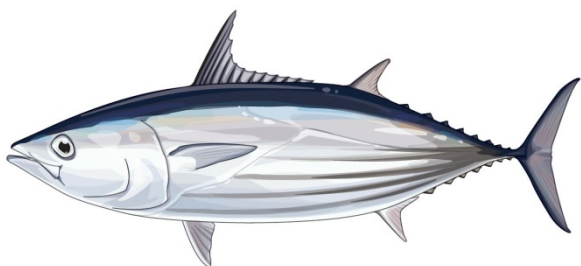
Bluefin species



Take home message:

Commercial fisheries targeting the three bluefin species are by far the most valuable per pound/ton/fish – reaching Retail values as high as \$70 thousand/metric ton in some years.

Species



Landings

Skipjack



Dock value



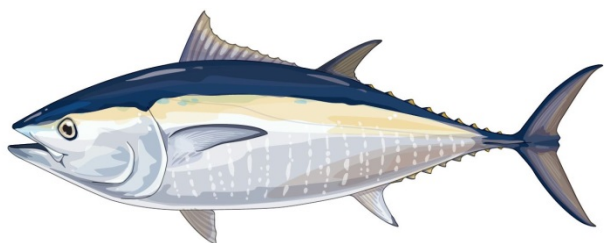
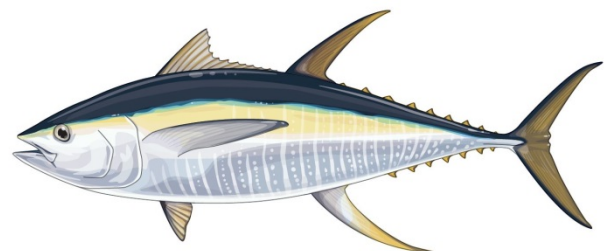
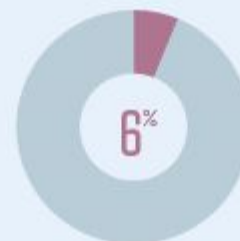
End value



Yellowfin



Bluefin species



The Pacific Ocean – largest and most valuable tuna fisheries

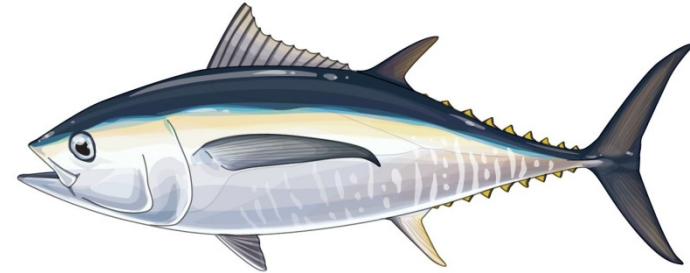
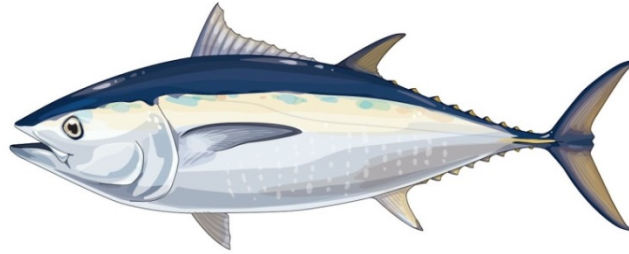


Take home message:

The Pacific Ocean is the source of a significant majority of landings, ex-vessel value, and final value of commercially exploited tuna.

Take home message:

Successful tuna management can preserve a huge amount of wealth for coastal and marine economies. Poor tuna management risks this wealth.



For more information and to download the report:
www.pewtrusts.org/tunavalue

