

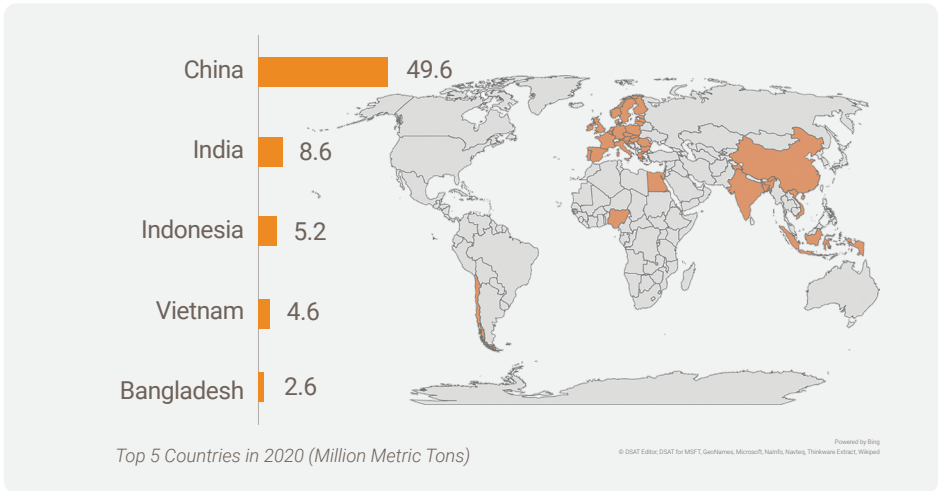
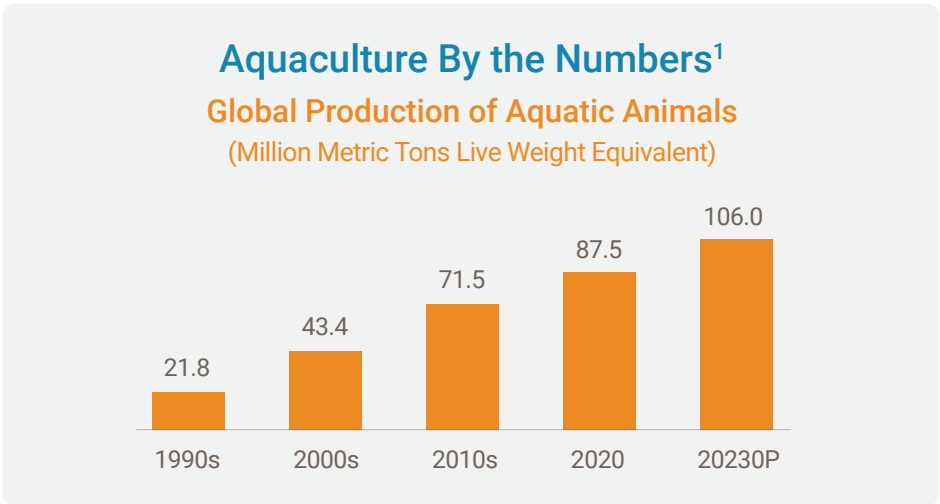


AQUACULTURE FACT SHEET

Global aquaculture production reached a record 122.6 million metric tons (MT) in 2020, with a total value of **\$281.5 billion**¹. Aquatic animals accounted for **87.5 million MT** and algae comprised 35.1 million MT. Total production of aquacultured aquatic animals is projected to reach **106 million MT in 2030**¹.

Global aquaculture production has been growing over the last three decades, driven by expansion everywhere, particularly in Chile, China, and Norway. **Asia** dominates world aquaculture, producing **91.6%** of the total¹.

Global consumption of aquatic foods, including fish and seafood but excluding algae, has **increased at an average annual rate of 3.0% since 1961**¹. Aquatic foods provide an important source of global animal protein, reaching over 50% in Asia and Africa. Rising incomes, improved management practices, and changing dietary trends are projected to result in a **6% increase in aquatic food consumption by 2030**, or 21.4 kg per capita on average¹.

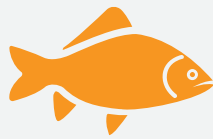
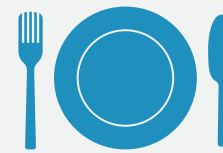


Soy is an excellent source of protein, key amino acids, unsaturated fats, and phospholipids for the aquaculture and aquafeed industries worldwide. Its use in aquaculture is well understood and accepted. Soybean meal, soy protein concentrates, and other soy products can help reduce or remove fishmeal requirements in feeds for many species. This reduces dependence on wild-caught fish used for fishmeal, which generally comes in fixed volumes that are more expensive than soy.

Soy product inclusion in aquaculture diets is ideal due to its **protein content, balanced amino acid profile and high level of digestibility** for most cultured fish and shrimp species.

Aquaculture By the Numbers¹

Per capita consumption was **20.2 kg** in 2020, double the amount 50 years ago. On average, aquaculture provides 17% of global animal protein. **China, Indonesia, India, U.S. and Japan are the top 5 largest consuming countries (59% of total consumption).**¹



In 2020, **finfish represented 76%** of the total aquatic animals production¹.

Benefits of Using Soybean Meal in Aqua Diets

Balanced Amino Acids



Higher Digestibility

Lower Costs



Better Value

¹FAO. 2022. The State of World Fisheries and Aquaculture 2022. Towards Blue Transformation. Rome, FAO. <https://doi.org/10.4060/cc0461en>

To learn more about how U.S. Soy can enable your business, please contact your U.S. Soybean Export Council (USSEC) region or country representative; or submit your contact details via <https://ussec.org/contact/>.

About U.S. Soybean Export Council (USSEC): The U.S. Soybean Export Council (USSEC) focuses on differentiating, elevating preference, and attaining market access for the use of U.S. Soy for human consumption, aquaculture, and livestock feed in 80+ countries internationally. USSEC members represent the soy supply chain including U.S. Soy farmers, processors, commodity shippers, merchandisers, allied agribusinesses, and agricultural organizations. USSEC is funded by the U.S. soybean checkoff, USDA Foreign Agricultural Service (FAS) matching funds, and industry. Please visit www.ussec.org for the latest information, resources, and news about USSEC and U.S. Soy internationally.