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Aquaculture Supplies & Equipment: United States

September 2018



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About This Report

Scope

This report forecasts to 2022 US aquaculture supplies and equipment demand in nominal US dollars at the farm-gate level. Total demand is segmented by product in terms of:

- aquafeeds (commercial aquafeeds only)
- equipment (habitats, pumps, filters, meters, and other equipment)
- chemicals (water treatment chemicals, aquafeed supplements, pharmaceuticals, and fertilizers)

Total demand is also segmented by market as follows:

- intensive grow-out aquaculture
- hatcheries
- extensive grow-out aquaculture

To illustrate historical trends, total demand is provided in annual series from 2007 to 2017; the various segments are reported at five-year intervals for 2007, 2012, and 2017.

Hatchery demand figures reflect supplies and equipment demand for fish farms with hatchery operations only; farms that produce fry, fingerlings, and adults are included in grow-out aquaculture.

Key macroeconomic indicators are also provided with quantified trends. Other various topics, including profiles of pertinent leading suppliers, are covered in this report. A full outline of report items by page is available in the Table of Contents.

Sources

Aquaculture Supplies & Equipment: United States (FF35076) is based on *Global Aquaculture: Feed, Equipment, & Chemicals*, a comprehensive industry study published by The Freedonia Group. Reported findings represent the synthesis and analysis of data from various primary, secondary, macroeconomic, and demographic sources including:

- firms participating in the industry, and their suppliers and customers
- government/public agencies
- intergovernmental organizations
- trade associations and their publications
- the business and trade press
- indicator forecasts by The Freedonia Group
- the findings of other reports and studies by The Freedonia Group

About This Report

Specific sources and additional resources are listed in the Resources section of this publication for reference and to facilitate further research.

Industry Codes

Table 5 | NAICS & SIC Codes Related to Aquaculture Supplies & Equipment

NAICS/SCIAN 2007		SIC	
North American Industry Classification System		Standard Industrial Classification	
311119	Other Animal Food Manufacturing	2048	Prepared Feed and Feed Ingredients for Animals and Fowls, Except Dogs and Cats
311710	Seafood Product Preparation and Packaging	2077	Animal and Marine Fats and Oils
314999	All Other Miscellaneous Textile Product Mills	2812	Alkalies and Chlorine
325180	Other Basic Inorganic Chemical Manufacturing	2819	Industrial Inorganic Chemicals, NEC
325998	All Other Miscellaneous Chemical Product and Preparation Manufacturing	2843	Surface Active Agents
332420	Metal Tank (Heavy Gauge) Manufacturing	2869	Industrial Organic Chemicals, NEC
333319	Other Commercial & Service Industry Machinery Manufacturing	2899	Chemicals and Chemical Preparations, NEC
334514	Totalizing Fluid Meter and Counting Device Manufacturing	3559	Special Industry Machinery, NEC
		3589	Service Industry Machinery, NEC
		3824	Totalizing Fluid Meters and Counting Devices
		9511	Air and Water Resource and Solid Waste Management

Source: US Census Bureau

Freedonia Methodology

The Freedonia Group, a subsidiary of MarketResearch.com, has been in business for more than 30 years and in that time has developed a comprehensive approach to data analysis that takes into account the variety of industries covered and the evolving needs of our customers.

Every industry presents different challenges in market sizing and forecasting, and this requires flexibility in methodology and approach. Freedonia methodology integrates a variety of quantitative and qualitative techniques to present the best overall picture of a market's current position as well as its future outlook: When published data are available, we make sure they are correct and representative of reality. We understand that published data often have flaws either in scope or quality, and adjustments are made accordingly. Where no data are available, we use various methodologies to develop market sizing (both top-down and bottom-up) and then triangulate those results to come up with the most accurate data series possible. Regardless of approach, we also talk to industry participants to verify both historical perspective and future growth opportunities.

About This Report

Methods used in the preparation of Freedonia market research include, but are not limited to, the following activities: comprehensive data mining and evaluation, primary research, consensus forecasting and analysis, ratio analysis using key indicators, regression analysis, end use growth indices and intensity factors, purchase power parity adjustments for global data, consumer and end user surveys, market share and corporate sales analysis, product lifespan analysis, product or market life cycle analysis, graphical data modeling, long-term historical trend analysis, bottom-up and top-down demand modeling, and comparative market size ranking.

Freedonia quantifies trends in various measures of growth and volatility. Growth (or decline) expressed as an average annual growth rate (AAGR) is the least squares growth rate, which takes into account all available datapoints over a period. The volatility of datapoints around a least squares growth trend over time is expressed via the coefficient of determination, or r^2 . The most stable data series relative to the trend carries an r^2 value of 1.0; the most volatile – 0.0. Growth calculated as a compound annual growth rate (CAGR) employs, by definition, only the first and last datapoints over a period. The CAGR is used to describe forecast growth, defined as the expected trend beginning in the base year and ending in the forecast year. Readers are encouraged to consider historical volatility when assessing particular annual values along the forecast trend, including in the forecast year.

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Resources

The Freedonia Group

Global Aquaculture: Feed, Equipment, & Chemicals, September 2018

Freedonia Industry Studies

Industrial & Institutional (I&I) Cleaning Chemicals in the US, July 2018

Global Industrial Enzymes Market, January 2018

Global Water Filtration Equipment Markets, November 2017

Global Water Disinfection Equipment Market, August 2017

Global Water Treatment Chemicals Market, June 2017

Global Filters Market Forecasts, March 2017

Agricultural Pesticide Market in the US, January 2017

Global Air & Fluid Filters Market, January 2017

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Canned Foods: United States

Global Water Treatment Chemicals

Frozen Foods: United States

Industrial Enzymes: United States

Soybean Products: United States

Water Disinfection Equipment: United States

Water Filtration Equipment: United States

Freedonia Custom Research

Trade Publications

Aquaculture Magazine

Aquaculture North America

The Fish Site

SeafoodSource

Undercurrent News

World Fishing & Aquaculture

Agencies & Associations

National Aquaculture Association

Ohio Aquaculture Association

United Nations Food & Agricultural Organisation

United States Department of Agriculture

The Food Safety and Inspection Service

US Food & Drug Administration

Center for Veterinary Medicine