



[CLICK TO VIEW](#)

[Table of Contents 2](#)

[List of Tables & Charts 3](#)

[Study Overview 4](#)

[Sample Text, Table & Chart 5](#)

[Sample Profile, Table & Forecast 6](#)

[Order Form & Corporate Use License 7](#)

[About Freedonia, Custom Research, Related Studies, 8](#)

Recreational Boating

Industry Study with Forecasts for **2016 & 2021**

Study #2897 | June 2012 | \$5100 | 383 pages



The Freedonia Group

767 Beta Drive

Cleveland, OH • 44143-2326 • USA

Toll Free US Tel: 800.927.5900 or +1 440.684.9600

Fax: +1 440.646.0484

E-mail: info@freedoniagroup.com

www.freedoniagroup.com

Table of Contents

EXECUTIVE SUMMARY

MARKET ENVIRONMENT

General	4
Macroeconomic Outlook	4
Demographic Outlook	8
Consumer Trends	11
Personal Income & Expenditures.....	12
Recreational & Leisure Expenditures.....	14
Consumer Financing Environment	16
Recreational Boating Consumer Profile.....	20
Recreational Boat Retail Sales.....	23
Recreational Boats in Use.....	29
Inventory Levels	31
Pricing	33
US Recreational Boating	
Market, 2001-2011	35
Technology	38
Engines	38
Electronics.....	40
Regulatory & Safety Issues	42
Emissions & Noise Issues.....	42
Wildlife & Environmental	
Protection Issues	45
Safety Issues.....	47
World Recreational Boating Market.....	49
Canada	49
Europe	51
Rest of the World	52
US Recreational Boating Foreign Trade	54
Imports.....	56
Exports	59

MATERIAL CONSUMPTION

General	62
Plastic.....	63
Resins	64
Reinforcement Materials.....	66
Aluminum	68
Coated Fabrics.....	69
Tops & Covers.....	71
Sails	72
Upholstery.....	73
Inflatable Boats.....	73

PRODUCTS

General	75
---------------	----

Recreational Boats	80
Traditional Powerboats.....	84
Outboard Powerboats.....	88
Demand by Material.....	92
Demand by Length	92
Producers	93
Inboard Powerboats	94
Cabin Cruisers	97
Runabouts & Other	
Inboard Powerboats	99
Producers	101
Sterndrive Powerboats	102
Personal Watercraft	105
Regulatory & Safety Issues	108
Producers	112
Sailboats	113
Demand by Length	116
Demand by Design	118
Producers	119
Other Recreational Boats.....	120
Jet Boats.....	121
Canoes	122
All Other	123
Propulsion Systems	125
Outboard Propulsion Systems	128
Regulatory Issues & Technology	131
Producers	132
Inboard & Sterndrive	
Propulsion Systems	134
Regulatory Issues & Technology	135
Producers	137
Boating Accessories	139
Navigational & Electronic	141
Trailers.....	145
Other	147

REGIONAL DEMAND

General	149
Regional Demographic/Economic Trends	153
Population Patterns.....	153
Economic Outlook	155
Personal Consumption Expenditures ...	158
US Regional Demand for	
Recreational Boating	159
Northeast	163
New England	165
Middle Atlantic.....	168
Midwest.....	171
East North Central.....	174
West North Central.....	177

South.....	180
South Atlantic	185
East South Central	188
West South Central.....	191
West	195
Mountain.....	198
Pacific.....	202

INDUSTRY STRUCTURE

General	207
Industry Composition	208
Market Share	211
Competitive Strategies.....	219
Product Development.....	222
Manufacturing	223
Distribution	224
Marketing	227
Brand Awareness &	
Loyalty Marketing	228
Lifestyle & Other	
Marketing Strategies.....	229
Mergers & Acquisitions.....	232
Cooperative Agreements.....	235

COMPANY PROFILES

Beneteau SA	241
Bombardier Recreational Products.....	243
Brunswick Corporation	246
Catalina Yachts	261
Caterpillar Incorporated	262
Correct Craft.....	265
Crownline Boats.....	267
Cummins Incorporated	268
FLIR Systems.....	273
Fountain Powerboat Industries.....	280
Garmin Limited.....	282
General Motors	286
Honda Motor	289
J&D Acquisitions.....	292
Johnson Outdoors	296
Kawasaki Heavy Industries.....	303
KCS International.....	305
Malibu Boats	307
Marine Products	309
MarineMax Incorporated.....	311
MasterCraft Boat.....	313
Monterey Boats.....	315

(continued on following page)

Table of Contents

COMPANY PROFILES

(continued from previous page)

Morgan Industries	316
Nautic Global	319
PBH Marine	322
Pleasurecraft Engine	326
Regal Marine Industries	328
Sea Fox Boat	330
Smoker Craft	332
S2 Yachts.....	336
Suzuki Motor	339
Tognum AG	341
Tracker Marine	344
Viking Yacht.....	347
Volvo AB	350
West Marine	354
Yamaha Motor	356
Yanmar Company.....	362
Zodiac Marine & Pool.....	366
Additional Companies Mentioned in Study	368

List of Tables/Charts

EXECUTIVE SUMMARY

1 Summary Table	3
-----------------------	---

MARKET ENVIRONMENT

1 Macroeconomic Indicators	7
2 Population & Households	11
3 Personal Consumption Expenditures ..	14
4 Recreation & Leisure Expenditures	16
5 Consumer Financing Environment, 2001-2011.....	19
6 Recreational Boat Retail Sales.....	28
Cht Comparison of Retail & Manufacturers' Level Boat Sales	28
7 Recreational Boats in Use by Type	30
Cht Recreational Boats in Use by Type, 2011	31
8 Recreational Boat Pricing	35
9 US Recreational Boating Product Market, 2001-2011.....	37
Cht US Recreational Boating Product Market, 2001-2011.....	38

10 US Recreational Boating Foreign Trade	56
Cht US Recreational Boating Product Imports by Source, 2011	59
Cht US Recreational Boating Product Exports by Destination, 2011.....	61

MATERIAL CONSUMPTION

1 Plastic Consumption in Recreational Boat Production.....	64
2 Aluminum Consumption in Recreational Boat Production.....	69
3 Coated Fabric Consumption in Recreational Boat Production.....	71

PRODUCTS

1 Recreational Boating Product Supply & Demand.....	79
Cht Recreational Boating Product Demand by Type, 2011.....	80
2 Recreational Boat Supply & Demand..	82
Cht Recreational Boat Demand by Type, 2011	83
3 Traditional Powerboat Supply & Demand.....	86
Cht Traditional Powerboat Demand by Type, 2011	87
4 Outboard Powerboat Supply & Demand.....	91
5 Outboard Powerboat Demand by Boat Length.....	93
6 Inboard Powerboat Supply & Demand	97
7 Inboard Cabin Cruiser Supply & Demand.....	99
8 Runabout & Other Inboard Powerboat Supply & Demand.....	101
9 Sterndrive Powerboat Supply & Demand.....	105
10 Personal Watercraft Supply & Demand.....	108
11 Sailboat Supply & Demand.....	116
12 Other Recreational Boat Supply & Demand.....	121
13 Propulsion System Supply & Demand.....	128
14 Outboard Propulsion System Supply & Demand.....	130
15 Inboard & Sterndrive Propulsion System Supply & Demand	135

16 Boating Accessory Supply & Demand.....	140
--	-----

REGIONAL DEMAND

1 Recreational Boating Regional Market Profile, 2011	151
Cht Geographic Distribution of US Recreational Boating Demand, 2011	152
2 Population by Region	155
3 Gross Domestic Product by Region ..	157
4 US Personal Consumption Expenditures by Region	159
5 US Recreational Boating Demand by Region	162
6 Northeast: Recreational Boating Demand by Subregion & Product..	165
7 New England: Recreational Boating Demand	168
8 Middle Atlantic: Recreational Boating Demand	171
9 Midwest: Recreational Boating Demand by Subregion & Product..	174
10 East North Central: Recreational Boating Demand	177
11 West North Central: Recreational Boating Demand	180
12 South: Recreational Boating Demand by Subregion & Product	184
13 South Atlantic: Recreational Boating Demand	188
14 East South Central: Recreational Boating Demand	191
15 West South Central: Recreational Boating Demand	195
16 West: Recreational Boating Demand by Subregion & Product	198
17 Mountain: Recreational Boating Demand	202
18 Pacific: Recreational Boating Demand	206

INDUSTRY STRUCTURE

1 US Recreational Boating Product Sales by Company, 2011.....	210
Cht US Recreational Boating Product Market Share, 2011	213
2 Selected Acquisitions & Divestitures	233
3 Selected Cooperative Agreements ...	236

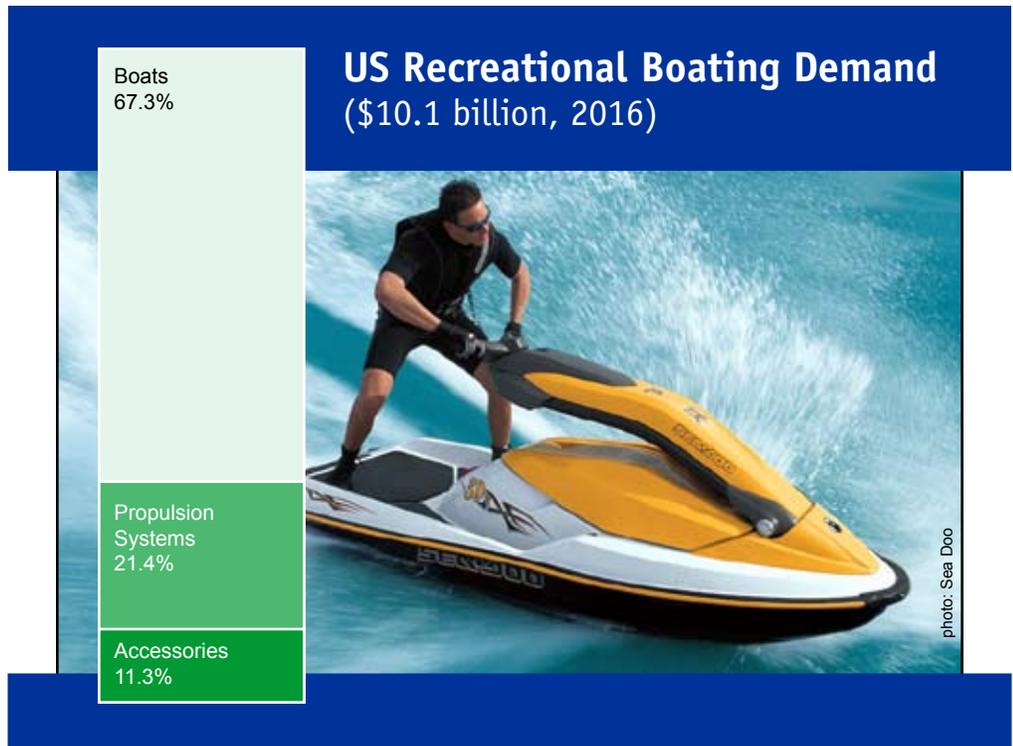
Hurt by the economic and housing market downturns, the recreational boating industry will rebound by 2016 based on greater disposable incomes and pent-up demand.

Economic downturn decimates boating industry

The recreational boating industry was decimated by the economic and housing market downturns that began in 2007, because boating products are luxury items and the market depends on consumer spending and access to credit. The effects of the slowdown included rising unemployment, sharp declines in house values, and deterioration of the broader financial markets. For the US boating industry, these factors combined to not only reduce consumer spending and the ability of individuals to secure credit for boats, but also meant that many boat dealers and boatbuilders had difficulty funding operations, with the result being a number of bankruptcies among industry suppliers and dealers.

US market to increase 8% annually through 2016

By 2016, the recreational boating market (including boats, propulsion systems, and accessories) is forecast to rebound, with demand increasing 8.0 percent per year to \$10.1 billion. The market will be driven by gains in consumer spending and disposable income and the rising strength of the financial sector. The boating industry's efforts to expand the boating market to women and minorities will also boost sales of entry level boats. Growth in the 55-64 age bracket will support demand, since boat purchases become more likely near the onset of retirement (although they tend to decline shortly thereafter). Despite the rapid sales growth, the market in 2016 will be only about two-thirds of what it was in



2006, and is not expected to recover to the pre-downturn levels for the foreseeable future.

Traditional powerboats to present fastest growth

Demand for traditional powerboats will post the fastest gains, rebounding from especially sharp declines beginning in 2008 as credit conditions made financing expensive boats difficult. This segment will be supported by pent-up demand from consumers who delayed purchases during the downturn, as well as strong demand for larger, more expensive boats. Powerboat demand will also be fueled by technological advances, such as newer propulsion systems and controls that simplify handling.

South to remain largest regional market

The West will see the fastest increases in recreational boating demand of the four US census regions. Growth will be aided by above average gains in the 45 or older population segment and by rapid increases in both regional GDP and consumer spending. The South will also see above average growth in recreational boating product demand and will remain the largest regional market through 2016. In addition to demographic and economic factors driving gains, boating demand in the South will continue to be aided by the region's mild climate, long warm water coastline, and the popularity of boating and fishing in the region.

Copyright 2012 The Freedonia Group, Inc.

[Click here to purchase online](#)

Sample Text, Table & Chart

MATERIAL CONSUMPTION

Plastic

Demand for plastic materials used in the production of recreational boating products is expected to increase to 1.5 million pounds in 2016. The increase in the production of boats from fiberglass boats were especially noticeable as they are expected to post above average growth. Technological advancements, including new materials and new combinations of these materials, will result in lighter weight and thinner gauge composite materials. While these products are desirable because of cost and fuel savings, and the improved performance that they provide, the increased use of lighter weight materials will necessarily reduce the amount of material used. Competition from other materials, including balsa, plywood, and closed cell foam will also restrict growth.

Plastics, particularly fiberglass reinforced plastic materials, are popular in boats because of their light weight, ability to withstand elements under heat and cold, and capacity to resist corrosion from both salt water and atmospheric pollution. Boat components made of reinforced plastics include decks, hulls, cabins, rudders, engine covers, and cockpit liners. Numerous firms are involved in producing resins and reinforcing materials for reinforced plastic used in marine applications. However, most boat manufacturers produce their own reinforced plastic hulls, typically using custom-designed molds. Important producers of reinforced plastic boats include Brunswick, Catalina Yacht International, Marine Products, MasterCraft Boat, PBH Marine, and Tracker Marine. Most personal watercraft also feature fiberglass reinforced plastic hulls, so producers such as Bombardier Recreational Products, Kawasaki Heavy Industries, and Yamaha Motor are important suppliers in this segment. In addition, some manufacturers

**SAMPLE
TEXT**

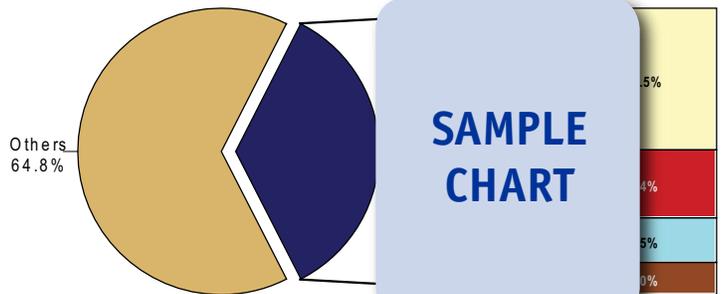
TABLE V-12
SOUTH: RECREATIONAL BOATING DEMAND BY SUBREGION & PRODUCT
 (million dollars)

Item	2001	2006	2011	2016	2021
South GDP (bil \$)					
per capita GDP					
South Population (mil persons)					
% over 45					
South Population over 45 (mil persons)					
\$ boating/000\$ GDP					
\$ boating/capita					
\$ boating/capita over 45					
South Recreational Boating Demand					
By Subregion:					
South Atlantic					
East South Central					
West South Central					
By Product:					
Boats					
Propulsion Systems					
Accessories					
% South					
US Recreational Boating Demand	11,400	12,000	12,700	13,400	14,100

**SAMPLE
TABLE**

CHART VI-1

US RECREATIONAL BOATING PRODUCT MARKET SHARE (\$6.9 billion, 2011)



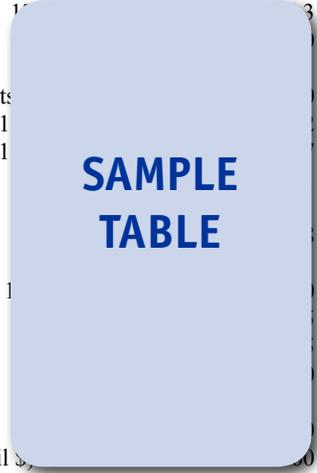
**SAMPLE
CHART**

Sample Profile, Table & Forecast

TABLE IV-14

OUTBOARD PROPULSION SYSTEM SUPPLY & DEMAND

Item	2001	2006	2011	2016	2021
Recreational Boats in Use (mil units)	1.5	1.7	1.9	2.1	2.3
outboard systems/000 boats	1.0	1.1	1.2	1.3	1.4
Outboard Propulsion Systems (000 units)					
Under 30 hp	1.0	1.1	1.2	1.3	1.4
30 hp - under 100 hp	1.0	1.1	1.2	1.3	1.4
100 hp & over	1.0	1.1	1.2	1.3	1.4
000\$/unit					
Outboard Propulsion Systems (mil \$)					
Under 30 hp	1.0	1.1	1.2	1.3	1.4
30 hp - under 100 hp	1.0	1.1	1.2	1.3	1.4
100 hp & over	1.0	1.1	1.2	1.3	1.4
- net imports					
Outboard Propulsion System Shpts (mil \$)					



COMPANY PROFILES

Catalina Yachts Incorporated

21200 Victory Boulevard
 Woodland Hills, CA 91367
 818-884-7700
<http://www.catalinayachts.com>

Annual Sales:
 Employment:

Key Products:



Catalina Yachts manufactures sailboats ranging in length from 12 to 47 feet. The Company is privately held.

The Company participates in the US recreational boating industry via the production and sale of fiberglass sailboats through the SPORT, CRUISER, and OCEAN product lines. Catalina Yachts conducts manufacturing operations at a plant in Largo, Florida that occupies 275,000 square feet of space. In the US, the Company markets fiberglass sailboats via a network of authorized dealers.

Catalina Yachts' SPORT product line encompasses sailboats that range in length from 12 to 25 feet. Models include the CATALINA EXPO 14.2 sailboat, which is equipped with a SMARTRIG system configuration that consists of a tapered carbon fiber mast and deck stepped boom; and the CATALINA 22 CAPRI, which features a flared deck profile and full length reclining seats. In addition, the Company makes the CATALINA 16.5 sailboat, which features a one-piece, hand laminated deck and is available in keel and centerboard models. Of these, the keel model has a molded-in sealed bilge sump, and can be stored on a mooring or dock; and the centerboard version incorporates a fiberglass centerboard and rudder, and a stable hull form.

"Demand for outboard propulsion systems will increase 5.7 percent per annum to \$1.7 billion in 2016. The rebound in outboard boat demand will support gains, since many outboard boats are sold with a choice of engines. For this reason, the new boat market is more important to the separately sold outboard market than it is for inboard or sterndrive engines, where the boat and engine are more commonly sold to the dealer as a single item. However, ..."
 --Section IV, pg. 130

OTHER STUDIES

World Tractors

World demand for tractors will rise 6.8 percent annually through 2016 to \$122 billion. Gains in the Asia/Pacific region will be more than twice that of any other region, with China alone claiming nearly one-third of the global total. Agricultural tractors will remain the largest segment, followed by tractors for construction and mining applications. This study analyzes the \$88 billion world tractor industry, with forecasts for 2016 and 2021 by market, product, world region and for 23 countries. The study also evaluates company market share and profiles industry participants.

#2984 February 2013 \$6300

World Robots

Global robot demand will rise 10.5 percent annually through 2016 to \$20.2 billion. Five countries -- the US, Japan, Germany, China, and South Korea -- will continue to dominate demand, with the US remaining the largest national market. Smaller, less expensive service robots will outpace more sophisticated, high-value industrial and medical robots. This study analyzes the \$12.3 billion world robot industry, with forecasts for 2016 and 2021 by type, market, world region and for 14 countries. The study also evaluates company market share and profiles industry players.

#2950 December 2012 \$6100

World Motorcycles

The global market for motorcycles, including electrically-powered machines, will grow 7.2 percent annually to 134.5 million units in 2016. China will remain by far the largest national market, followed by India and Indonesia. Sales of e-bikes and e-cycles will grow roughly in line with internal combustion engine (ICE) motorcycle demand. This study analyzes the 95 million unit world motorcycle industry, with forecasts for 2016 and 2021 by type, world region and for 23 countries. The study also evaluates company market share and profiles industry players.

#2972 January 2013 \$6300

Lawn & Garden Consumables

US packaged lawn and garden consumables demand will rise 3.3 percent yearly to \$8.8 billion in 2016. Pesticides and fertilizers will remain the top segments, with fertilizers, seeds and growing media the fastest growing. Organic formulations will outpace conventional types, but from a much smaller base. This study analyzes the \$7.5 billion US lawn and garden consumables industry, with forecasts for 2016 and 2021 by product, formulation, market, application, end user and US region. The study also evaluates company market shares and profiles industry players.

#2891 May 2012 \$5100

Outdoor Furniture & Grills

US demand for outdoor furniture and grill products is expected to rise 4.0 percent annually to nearly \$7 billion in 2015. The grill and related accessories segment will see the fastest growth, followed by the larger outdoor furniture and accessories segment. An expected rebound in the housing market will offer opportunities in the dominant residential sector. This study analyzes the \$5.7 billion US outdoor furniture and grill industry, with forecasts for 2015 and 2020 by product, market and region. The study also evaluates company market share and profiles industry players.

#2828 January 2012 \$4900

About The Freedonia Group

The Freedonia Group, Inc., is a leading international industry market research company that provides its clients with information and analysis needed to make informed strategic decisions for their businesses. Studies help clients identify business opportunities, develop strategies, make investment decisions and evaluate opportunities and threats. Freedonia research is designed to deliver unbiased views and reliable outlooks to assist clients in making the right decisions. Freedonia capitalizes on the resources of its proprietary in-house research team of experienced economists, professional analysts, industry researchers and editorial groups. Freedonia covers a diverse group of industries throughout the United States, the emerging China market, and other world markets. Industries analyzed by Freedonia include:

- Chemicals • Plastics • Life Sciences • Packaging • Building Materials • Security & Electronics • Industrial Components & Equipment • Automotive & Transportation Equipment • Household Goods • Energy/Power Equipment

[Click here to learn more about Freedonia](#)

Freedonia Custom Research

Freedonia Custom Research delivers the same high quality, thorough and unbiased assessment of an industry or market as an industry study. Since the research initiative is based upon a company's specific needs, companies harness Freedonia's research capabilities and resources to answer unique questions. When you leverage the results of a Freedonia Custom Research engagement, you are able to obtain important answers to specific questions and issues associated with: mergers and acquisitions, new product launches/development, geographic expansion, entry into new markets, strategic business planning, and investment and funding decisions.

Freedonia Custom Research is ideal for companies seeking to make a strategic difference in the status quo and focus on future business growth. Working side by side with clients, Freedonia's team is able to define a research project that is custom-tailored to answer specific questions and provide the basis from which a company can make informed business decisions.

[Click here to learn more about Custom Research](#)



[Click here for complete title list](#)



[Click here to visit freedoniagroup.com](http://www.freedoniagroup.com)