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US Collection

Contacts, Glasses, & Sunglasses: United States

March 2019



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Table of Contents

1. Highlights	3
2. Market Environment	4
Historical Trends	4
Key Economic Indicators	6
Trade	7
Retail Overview	9
Consumer Trends	12
3. Segmentation & Forecasts	15
Products	15
Contacts	17
Lenses	19
Nonprescription Sunglasses	21
Frames	21
Other Products	23
4. Industry Structure	24
Industry Characteristics	24
Market Leaders	27
EssilorLuxottica	27
Johnson & Johnson	28
HOYA Corporation	29
5. About This Report	31
Scope	31
Sources	31
Industry Codes	32
Freedonia Methodology	32
Resources	34

List of Tables & Figures

Figure 1 Key Trends in US Contacts, Glasses, & Sunglasses Demand, 2018 – 2023	3
Figure 2 US Contacts, Glasses, & Sunglasses Demand Trends, 2008 – 2018	4
Table 1 Key Indicators for US Contacts, Glasses, & Sunglasses Demand, 2008 – 2023 (US\$ bil)	6
Figure 3 US Contacts, Glasses, & Sunglasses Trade, 2008 – 2018 (US\$ mil)	7
Table 2 US Contacts, Glasses, & Sunglasses Trade, 2008 – 2018 (US\$ mil)	7
Table 3 US Contacts, Glasses, & Sunglasses Imports by Country, 2008 – 2018 (US\$ mil)	8
Table 4 US Contacts, Glasses, & Sunglasses Exports by Country, 2008 – 2018 (US\$ mil)	8
Table 5 Representative Participants in the US Contacts, Glasses, & Sunglasses Retail Sector by Channel Type	9
Figure 4 US Contacts, Glasses, & Sunglasses Personal Consumption Expenditures, 2008 – 2023 (US\$ bil)	10
Table 6 US Contacts, Glasses, & Sunglasses Personal Consumption Expenditures, 2008 – 2023 (US\$ bil)	10
Figure 5 US Optical Goods Stores Revenue Concentration Ratios, 2002 – 2012 (%)	11
Figure 6 US Optometrists' Offices Revenue Concentration Ratios, 2002 – 2012 (%)	11
Figure 7 US Survey: "Do You Wear Prescription Eyeglasses and/or Contacts?", 2008 – 2018 (%)	12
Figure 8 US Survey: "What Type of Prescription Eyewear Do You Use?", 2008 – 2018 (%)	13
Figure 9 US Survey: "Did You Purchase Prescription Eyewear in the Last 12 Months?", 2008 – 2018 (%)	13
Figure 10 US Survey: "Where Did You Buy Prescription Eyewear?" (Leading Answers), 2008 – 2018 (%)	14
Figure 11 US Survey: "Did You Buy Men's or Women's Non-Rx Sunglasses in Last 12 Months?", 2008 – 2018 (%)	14
Figure 12 US Contacts, Glasses, & Sunglasses Demand by Product, 2008 – 2023 (US\$ mil)	15
Table 7 US Contacts, Glasses, & Sunglasses Demand by Product, 2008 – 2023 (US\$ mil)	15
Figure 13 US Contacts, Glasses, & Sunglasses Demand by Product, 2008 – 2023 (%)	17
Figure 14 US Contacts, Glasses, & Sunglasses Industry Firms, Establishments, & Employment, 2008 – 2018	25
Table 8 US Contacts, Glasses, & Sunglasses Industry Firms, Establishments, & Employment, 2008 – 2018	25
Figure 15 US Contacts, Glasses, & Sunglasses Industry Shipments Concentration Ratios, 2002 – 2012 (%)	26
Table 9 Leading Suppliers to the US Contacts, Glasses, & Sunglasses Market by Product	27
Table 10 NAICS & SIC Codes Related to Contacts, Glasses, & Sunglasses	32

About This Report

Scope

This report forecasts to 2023 US demand for contacts, glasses, and sunglasses in nominal US dollars at the manufacturer level and the consumer level (i.e., personal consumption expenditures). Total demand at the manufacturer level is segmented by product in terms of:

- contacts
- lenses, including lenses for prescription sunglasses (i.e., polarized lenses)
- nonprescription sunglasses
- frames
- other products such as 3D glasses, glass and plastic prosthetic eyes, intraocular lens implants, and protective eyewear (e.g., goggles)

To illustrate historical trends, total demand at the manufacturer level and the various segments, personal consumption expenditures, and trade are provided in annual series from 2008 to 2018.

Smart glasses are considered electronic products and excluded from the scope of this report, unless they include corrective lenses. Imports and exports of contact lenses from and to Puerto Rico are included in demand and trade data, as Puerto Rico often serves as a manufacturing base for pharmaceuticals and medical devices for the US market. Re-exports of contacts, glasses, and sunglasses are excluded from demand and trade figures.

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

Contacts, Glasses, & Sunglasses: United States (FF40088) represents the synthesis and analysis of data from various secondary, macroeconomic, and demographic sources, such as:

- 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

About This Report

- the findings of other reports and studies by The Freedonia Group

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

Industry Codes

Table 10 | NAICS & SIC Codes Related to Contacts, Glasses, & Sunglasses

NAICS/SCIAN 2007		SIC	
North American Industry Classification System		Standard Industrial Classification	
339115	Ophthalmic Goods Manufacturing	3851	Ophthalmic Goods

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.

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

About This Report

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

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Global Pharmaceutical Packaging
Infection Prevention Products & Services
Medical Implants in the US

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Apparel: United States
Athletic Footwear: United States
Deathcare: United States
Footwear: United States
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Healthcare Insurance: United States
Insurance: United States
Jewelry & Watches: United States
Leather & Fur Products: United States
Medical Services: United States
Men's Clothing: United States
Pharmaceuticals: United States
Women's Clothing: United States

Freedonia Custom Research

Trade Publications

20/20
Berkeley Optometry Magazine
Contact Lens Spectrum
EYEBOOK
Eyecare Business
eyestylist
INVISION
Journal of Optometry (J Optom)
Opt Magazine
Optometric Management
Optometry and Vision Science
Optometry Times

About This Report

Review of Optometry
Spectr Magazine

Agencies & Associations

American Academy of Optometry
American Optometric Association
Bureau of Economic Analysis
Bureau of Labor Statistics
Contact Lens Association of Ophthalmologists
Contact Lens Manufacturers Association
Medical Device Manufacturers Association
United States Census Bureau
United States Department of Health & Human Services
 Centers for Disease Control & Prevention
 Centers for Medicare & Medicaid Services
 United States Food and Drug Administration
United States International Trade Commission
The Vision Council