

United States Disposable Contact Lenses Market Report 2018

https://marketpublishers.com/r/U6BE2BC6891QEN.html

Date: March 2018 Pages: 111 Price: US\$ 3,800.00 (Single User License) ID: U6BE2BC6891QEN

Abstracts

In this report, the United States Disposable Contact Lenses market is valued at USD XX million in 2017 and is expected to reach USD XX million by the end of 2025, growing at a CAGR of XX% between 2017 and 2025.

Geographically, this report splits the United States market into seven regions:

The West

Southwest

The Middle Atlantic

New England

The South

The Midwest

with sales (volume), revenue (value), market share and growth rate of Disposable Contact Lenses in these regions, from 2013 to 2025 (forecast).

United States Disposable Contact Lenses market competition by top manufacturers/players, with Disposable Contact Lenses sales volume, price, revenue (Million USD) and market share for each manufacturer/player; the top players including



Johnson & Johnson Vision Care	
Novartis	
CooperVision	
Bausch + Lomb	
St.Shine Optical	
Menicon	
Hydron	
Weicon	
Bescon	
NEO Vision	
Clearlab	
Oculus	
Camax	
Seed	
Hoya Corp	

On the basis of product, this report displays the production, revenue, price, market share and growth rate of each type, primarily split into

Soft Contact Lenses

Gas Permeable Lenses



On the basis on the end users/applications, this report focuses on the status and outlook for major applications/end users, sales volume, market share and growth rate for each application, including

Eyeglasses Store

Hospital

E-Commerce

Others

If you have any special requirements, please let us know and we will offer you the report as you want.



Contents

United States Disposable Contact Lenses Market Report 2018

1 DISPOSABLE CONTACT LENSES OVERVIEW

1.1 Product Overview and Scope of Disposable Contact Lenses

1.2 Classification of Disposable Contact Lenses by Product Category

1.2.1 United States Disposable Contact Lenses Market Size (Sales Volume) Comparison by Type (2013-2025)

1.2.2 United States Disposable Contact Lenses Market Size (Sales Volume) Market Share by Type (Product Category) in 2017

1.2.3 Soft Contact Lenses

1.2.4 Gas Permeable Lenses

1.3 United States Disposable Contact Lenses Market by Application/End Users

1.3.1 United States Disposable Contact Lenses Market Size (Consumption) and Market Share Comparison by Application (2013-2025)

1.3.2 Eyeglasses Store

1.3.3 Hospital

1.3.4 E-Commerce

1.3.5 Others

1.4 United States Disposable Contact Lenses Market by Region

1.4.1 United States Disposable Contact Lenses Market Size (Value) Comparison by Region (2013-2025)

1.4.2 The West Disposable Contact Lenses Status and Prospect (2013-2025)

1.4.3 Southwest Disposable Contact Lenses Status and Prospect (2013-2025)

1.4.4 The Middle Atlantic Disposable Contact Lenses Status and Prospect (2013-2025)

1.4.5 New England Disposable Contact Lenses Status and Prospect (2013-2025)

1.4.6 The South Disposable Contact Lenses Status and Prospect (2013-2025)

1.4.7 The Midwest Disposable Contact Lenses Status and Prospect (2013-2025)

1.5 United States Market Size (Value and Volume) of Disposable Contact Lenses (2013-2025)

1.5.1 United States Disposable Contact Lenses Sales and Growth Rate (2013-2025)

1.5.2 United States Disposable Contact Lenses Revenue and Growth Rate (2013-2025)

2 UNITED STATES DISPOSABLE CONTACT LENSES MARKET COMPETITION BY PLAYERS/SUPPLIERS



2.1 United States Disposable Contact Lenses Sales and Market Share of Key Players/Suppliers (2013-2018)

2.2 United States Disposable Contact Lenses Revenue and Share by Players/Suppliers (2013-2018)

2.3 United States Disposable Contact Lenses Average Price by Players/Suppliers (2013-2018)

2.4 United States Disposable Contact Lenses Market Competitive Situation and Trends

2.4.1 United States Disposable Contact Lenses Market Concentration Rate

2.4.2 United States Disposable Contact Lenses Market Share of Top 3 and Top 5 Players/Suppliers

2.4.3 Mergers & Acquisitions, Expansion in United States Market

2.5 United States Players/Suppliers Disposable Contact Lenses Manufacturing Base Distribution, Sales Area, Product Type

3 UNITED STATES DISPOSABLE CONTACT LENSES SALES (VOLUME) AND REVENUE (VALUE) BY REGION (2013-2018)

3.1 United States Disposable Contact Lenses Sales and Market Share by Region (2013-2018)

3.2 United States Disposable Contact Lenses Revenue and Market Share by Region (2013-2018)

3.3 United States Disposable Contact Lenses Price by Region (2013-2018)

4 UNITED STATES DISPOSABLE CONTACT LENSES SALES (VOLUME) AND REVENUE (VALUE) BY TYPE (PRODUCT CATEGORY) (2013-2018)

4.1 United States Disposable Contact Lenses Sales and Market Share by Type (Product Category) (2013-2018)

4.2 United States Disposable Contact Lenses Revenue and Market Share by Type (2013-2018)

4.3 United States Disposable Contact Lenses Price by Type (2013-2018)

4.4 United States Disposable Contact Lenses Sales Growth Rate by Type (2013-2018)

5 UNITED STATES DISPOSABLE CONTACT LENSES SALES (VOLUME) BY APPLICATION (2013-2018)

5.1 United States Disposable Contact Lenses Sales and Market Share by Application (2013-2018)



5.2 United States Disposable Contact Lenses Sales Growth Rate by Application (2013-2018)

5.3 Market Drivers and Opportunities

6 UNITED STATES DISPOSABLE CONTACT LENSES PLAYERS/SUPPLIERS PROFILES AND SALES DATA

- 6.1 Johnson & Johnson Vision Care
 - 6.1.1 Company Basic Information, Manufacturing Base and Competitors
 - 6.1.2 Disposable Contact Lenses Product Category, Application and Specification
 - 6.1.2.1 Product A
 - 6.1.2.2 Product B

6.1.3 Johnson & Johnson Vision Care Disposable Contact Lenses Sales, Revenue, Price and Gross Margin (2013-2018)

- 6.1.4 Main Business/Business Overview
- 6.2 Novartis
 - 6.2.2 Disposable Contact Lenses Product Category, Application and Specification
 - 6.2.2.1 Product A
 - 6.2.2.2 Product B

6.2.3 Novartis Disposable Contact Lenses Sales, Revenue, Price and Gross Margin (2013-2018)

- 6.2.4 Main Business/Business Overview
- 6.3 CooperVision

6.3.2 Disposable Contact Lenses Product Category, Application and Specification

- 6.3.2.1 Product A
- 6.3.2.2 Product B

6.3.3 CooperVision Disposable Contact Lenses Sales, Revenue, Price and Gross Margin (2013-2018)

- 6.3.4 Main Business/Business Overview
- 6.4 Bausch + Lomb

6.4.2 Disposable Contact Lenses Product Category, Application and Specification

- 6.4.2.1 Product A
- 6.4.2.2 Product B

6.4.3 Bausch + Lomb Disposable Contact Lenses Sales, Revenue, Price and Gross Margin (2013-2018)

6.4.4 Main Business/Business Overview

6.5 St.Shine Optical

6.5.2 Disposable Contact Lenses Product Category, Application and Specification 6.5.2.1 Product A



6.5.2.2 Product B

6.5.3 St.Shine Optical Disposable Contact Lenses Sales, Revenue, Price and Gross Margin (2013-2018)

6.5.4 Main Business/Business Overview

6.6 Menicon

6.6.2 Disposable Contact Lenses Product Category, Application and Specification

6.6.2.1 Product A

6.6.2.2 Product B

6.6.3 Menicon Disposable Contact Lenses Sales, Revenue, Price and Gross Margin (2013-2018)

6.6.4 Main Business/Business Overview

6.7 Hydron

6.7.2 Disposable Contact Lenses Product Category, Application and Specification

6.7.2.1 Product A

6.7.2.2 Product B

6.7.3 Hydron Disposable Contact Lenses Sales, Revenue, Price and Gross Margin (2013-2018)

6.7.4 Main Business/Business Overview

6.8 Weicon

6.8.2 Disposable Contact Lenses Product Category, Application and Specification

6.8.2.1 Product A

6.8.2.2 Product B

6.8.3 Weicon Disposable Contact Lenses Sales, Revenue, Price and Gross Margin (2013-2018)

6.8.4 Main Business/Business Overview

6.9 Bescon

6.9.2 Disposable Contact Lenses Product Category, Application and Specification

6.9.2.1 Product A

6.9.2.2 Product B

6.9.3 Bescon Disposable Contact Lenses Sales, Revenue, Price and Gross Margin (2013-2018)

6.9.4 Main Business/Business Overview

6.10 NEO Vision

6.10.2 Disposable Contact Lenses Product Category, Application and Specification

6.10.2.1 Product A

6.10.2.2 Product B

6.10.3 NEO Vision Disposable Contact Lenses Sales, Revenue, Price and Gross Margin (2013-2018)

6.10.4 Main Business/Business Overview



- 6.11 Clearlab
- 6.12 Oculus
- 6.13 Camax
- 6.14 Seed
- 6.15 Hoya Corp

7 DISPOSABLE CONTACT LENSES MANUFACTURING COST ANALYSIS

- 7.1 Disposable Contact Lenses Key Raw Materials Analysis
- 7.1.1 Key Raw Materials
- 7.1.2 Price Trend of Key Raw Materials
- 7.1.3 Key Suppliers of Raw Materials
- 7.1.4 Market Concentration Rate of Raw Materials
- 7.2 Proportion of Manufacturing Cost Structure
- 7.2.1 Raw Materials
- 7.2.2 Labor Cost
- 7.2.3 Manufacturing Expenses
- 7.3 Manufacturing Process Analysis of Disposable Contact Lenses

8 INDUSTRIAL CHAIN, SOURCING STRATEGY AND DOWNSTREAM BUYERS

- 8.1 Disposable Contact Lenses Industrial Chain Analysis
- 8.2 Upstream Raw Materials Sourcing
- 8.3 Raw Materials Sources of Disposable Contact Lenses Major Manufacturers in 2017
- 8.4 Downstream Buyers

9 MARKETING STRATEGY ANALYSIS, DISTRIBUTORS/TRADERS

- 9.1 Marketing Channel
 - 9.1.1 Direct Marketing
 - 9.1.2 Indirect Marketing
 - 9.1.3 Marketing Channel Development Trend
- 9.2 Market Positioning
 - 9.2.1 Pricing Strategy
 - 9.2.2 Brand Strategy
 - 9.2.3 Target Client
- 9.3 Distributors/Traders List

10 MARKET EFFECT FACTORS ANALYSIS



- 10.1 Technology Progress/Risk
- 10.1.1 Substitutes Threat
- 10.1.2 Technology Progress in Related Industry
- 10.2 Consumer Needs/Customer Preference Change
- 10.3 Economic/Political Environmental Change

11 UNITED STATES DISPOSABLE CONTACT LENSES MARKET SIZE (VALUE AND VOLUME) FORECAST (2018-2025)

11.1 United States Disposable Contact Lenses Sales Volume, Revenue Forecast (2018-2025)

11.2 United States Disposable Contact Lenses Sales Volume Forecast by Type (2018-2025)

11.3 United States Disposable Contact Lenses Sales Volume Forecast by Application (2018-2025)

11.4 United States Disposable Contact Lenses Sales Volume Forecast by Region (2018-2025)

12 RESEARCH FINDINGS AND CONCLUSION

13 APPENDIX

- 13.1 Methodology/Research Approach
 - 13.1.1 Research Programs/Design
 - 13.1.2 Market Size Estimation
 - 13.1.3 Market Breakdown and Data Triangulation

13.2 Data Source

- 13.2.1 Secondary Sources
- 13.2.2 Primary Sources
- 13.3 Disclaimer

The report requires updating with new data and is sent in 2-3 business days after order is placed.



List Of Tables

LIST OF TABLES AND FIGURES

Figure Product Picture of Disposable Contact Lenses Figure United States Disposable Contact Lenses Market Size (M Units) by Type (2013 - 2025)Figure United States Disposable Contact Lenses Sales Volume Market Share by Type (Product Category) in 2017 Figure Soft Contact Lenses Product Picture Figure Gas Permeable Lenses Product Picture Figure United States Disposable Contact Lenses Market Size (M Units) by Application (2013 - 2025)Figure United States Sales Market Share of Disposable Contact Lenses by Application in 2017 Figure Eyeglasses Store Examples Table Key Downstream Customer in Eyeglasses Store **Figure Hospital Examples** Table Key Downstream Customer in Hospital Figure E-Commerce Examples Table Key Downstream Customer in E-Commerce Figure Others Examples Table Key Downstream Customer in Others Figure United States Disposable Contact Lenses Market Size (Million USD) by Region (2013-2025) Figure The West Disposable Contact Lenses Revenue (Million USD) and Growth Rate (2013 - 2025)Figure Southwest Disposable Contact Lenses Revenue (Million USD) and Growth Rate (2013 - 2025)Figure The Middle Atlantic Disposable Contact Lenses Revenue (Million USD) and Growth Rate (2013-2025) Figure New England Disposable Contact Lenses Revenue (Million USD) and Growth Rate (2013-2025) Figure The South of US Disposable Contact Lenses Revenue (Million USD) and Growth Rate (2013-2025) Figure The Midwest Disposable Contact Lenses Revenue (Million USD) and Growth Rate (2013-2025) Figure United States Disposable Contact Lenses Sales (M Units) and Growth Rate

(2013-2025)



Figure United States Disposable Contact Lenses Revenue (Million USD) and Growth Rate (2013-2025)

Figure United States Disposable Contact Lenses Market Major Players Product Sales Volume (M Units) (2013-2018)

Table United States Disposable Contact Lenses Sales (M Units) of Key Players/Suppliers (2013-2018)

Table United States Disposable Contact Lenses Sales Share by Players/Suppliers (2013-2018)

Figure 2017 United States Disposable Contact Lenses Sales Share by Players/Suppliers

Figure 2017 United States Disposable Contact Lenses Sales Share by Players/Suppliers

Figure United States Disposable Contact Lenses Market Major Players Product Revenue (Million USD) (2013-2018)

Table United States Disposable Contact Lenses Revenue (Million USD) by Players/Suppliers (2013-2018)

Table United States Disposable Contact Lenses Revenue Share by Players/Suppliers (2013-2018)

Figure 2017 United States Disposable Contact Lenses Revenue Share by Players/Suppliers

Figure 2017 United States Disposable Contact Lenses Revenue Share by Players/Suppliers

Table United States Market Disposable Contact Lenses Average Price (USD/K Units) of Key Players/Suppliers (2013-2018)

Figure United States Market Disposable Contact Lenses Average Price (USD/K Units) of Key Players/Suppliers in 2017

Figure United States Disposable Contact Lenses Market Share of Top 3 Players/Suppliers

Figure United States Disposable Contact Lenses Market Share of Top 5 Players/Suppliers

Table United States Players/Suppliers Disposable Contact Lenses Manufacturing Base Distribution and Sales Area

Table United States Players/Suppliers Disposable Contact Lenses Product Category Table United States Disposable Contact Lenses Sales (M Units) by Region (2013-2018) Table United States Disposable Contact Lenses Sales Share by Region (2013-2018) Figure United States Disposable Contact Lenses Sales Share by Region (2013-2018) Figure United States Disposable Contact Lenses Sales Market Share by Region in 2017 Table United States Disposable Contact Lenses Revenue (Million USD) and Market Share by Region (2013-2018)



Table United States Disposable Contact Lenses Revenue Share by Region (2013-2018) Figure United States Disposable Contact Lenses Revenue Market Share by Region (2013-2018)

Figure United States Disposable Contact Lenses Revenue Market Share by Region in 2017

Table United States Disposable Contact Lenses Price (USD/K Units) by Region (2013-2018)

Table United States Disposable Contact Lenses Sales (M Units) by Type (2013-2018) Table United States Disposable Contact Lenses Sales Share by Type (2013-2018) Figure United States Disposable Contact Lenses Sales Share by Type (2013-2018) Figure United States Disposable Contact Lenses Sales Market Share by Type in 2017 Table United States Disposable Contact Lenses Revenue (Million USD) and Market Share by Type (2013-2018)

Table United States Disposable Contact Lenses Revenue Share by Type (2013-2018)Figure Revenue Market Share of Disposable Contact Lenses by Type (2013-2018)

Figure Revenue Market Share of Disposable Contact Lenses by Type in 2017 Table United States Disposable Contact Lenses Price (USD/K Units) by Types (2013-2018)

Figure United States Disposable Contact Lenses Sales Growth Rate by Type (2013-2018)

Table United States Disposable Contact Lenses Sales (M Units) by Application (2013-2018)

Table United States Disposable Contact Lenses Sales Market Share by Application (2013-2018)

Figure United States Disposable Contact Lenses Sales Market Share by Application (2013-2018)

Figure United States Disposable Contact Lenses Sales Market Share by Application in 2017

Table United States Disposable Contact Lenses Sales Growth Rate by Application (2013-2018)

Figure United States Disposable Contact Lenses Sales Growth Rate by Application (2013-2018)

Table Johnson & Johnson Vision Care Basic Information List

Table Johnson & Johnson Vision Care Disposable Contact Lenses Sales (M Units),

Revenue (Million USD), Price (USD/K Units) and Gross Margin (2013-2018)

Figure Johnson & Johnson Vision Care Disposable Contact Lenses Sales Growth Rate (2013-2018)

Figure Johnson & Johnson Vision Care Disposable Contact Lenses Sales Market Share in United States (2013-2018)



Figure Johnson & Johnson Vision Care Disposable Contact Lenses Revenue Market Share in United States (2013-2018)

Table Novartis Basic Information List

Table Novartis Disposable Contact Lenses Sales (M Units), Revenue (Million USD), Price (USD/K Units) and Gross Margin (2013-2018)

Figure Novartis Disposable Contact Lenses Sales Growth Rate (2013-2018)

Figure Novartis Disposable Contact Lenses Sales Market Share in United States (2013-2018)

Figure Novartis Disposable Contact Lenses Revenue Market Share in United States (2013-2018)

Table CooperVision Basic Information List

Table CooperVision Disposable Contact Lenses Sales (M Units), Revenue (Million USD), Price (USD/K Units) and Gross Margin (2013-2018)

Figure CooperVision Disposable Contact Lenses Sales Growth Rate (2013-2018) Figure CooperVision Disposable Contact Lenses Sales Market Share in United States (2013-2018)

Figure CooperVision Disposable Contact Lenses Revenue Market Share in United States (2013-2018)

Table Bausch + Lomb Basic Information List

Table Bausch + Lomb Disposable Contact Lenses Sales (M Units), Revenue (Million USD), Price (USD/K Units) and Gross Margin (2013-2018)

Figure Bausch + Lomb Disposable Contact Lenses Sales Growth Rate (2013-2018) Figure Bausch + Lomb Disposable Contact Lenses Sales Market Share in United States (2013-2018)

Figure Bausch + Lomb Disposable Contact Lenses Revenue Market Share in United States (2013-2018)

Table St.Shine Optical Basic Information List

Table St.Shine Optical Disposable Contact Lenses Sales (M Units), Revenue (Million USD), Price (USD/K Units) and Gross Margin (2013-2018)

Figure St.Shine Optical Disposable Contact Lenses Sales Growth Rate (2013-2018) Figure St.Shine Optical Disposable Contact Lenses Sales Market Share in United States (2013-2018)

Figure St.Shine Optical Disposable Contact Lenses Revenue Market Share in United States (2013-2018)

Table Menicon Basic Information List

Table Menicon Disposable Contact Lenses Sales (M Units), Revenue (Million USD), Price (USD/K Units) and Gross Margin (2013-2018)

Figure Menicon Disposable Contact Lenses Sales Growth Rate (2013-2018)

Figure Menicon Disposable Contact Lenses Sales Market Share in United States



(2013-2018)

Figure Menicon Disposable Contact Lenses Revenue Market Share in United States (2013-2018)

Table Hydron Basic Information List

Table Hydron Disposable Contact Lenses Sales (M Units), Revenue (Million USD), Price (USD/K Units) and Gross Margin (2013-2018)

Figure Hydron Disposable Contact Lenses Sales Growth Rate (2013-2018)

Figure Hydron Disposable Contact Lenses Sales Market Share in United States (2013-2018)

Figure Hydron Disposable Contact Lenses Revenue Market Share in United States (2013-2018)

Table Weicon Basic Information List

Table Weicon Disposable Contact Lenses Sales (M Units), Revenue (Million USD), Price (USD/K Units) and Gross Margin (2013-2018)

Figure Weicon Disposable Contact Lenses Sales Growth Rate (2013-2018)

Figure Weicon Disposable Contact Lenses Sales Market Share in United States (2013-2018)

Figure Weicon Disposable Contact Lenses Revenue Market Share in United States (2013-2018)

Table Bescon Basic Information List

Table Bescon Disposable Contact Lenses Sales (M Units), Revenue (Million USD),

Price (USD/K Units) and Gross Margin (2013-2018)

Figure Bescon Disposable Contact Lenses Sales Growth Rate (2013-2018)

Figure Bescon Disposable Contact Lenses Sales Market Share in United States (2013-2018)

Figure Bescon Disposable Contact Lenses Revenue Market Share in United States (2013-2018)

Table NEO Vision Basic Information List

Table NEO Vision Disposable Contact Lenses Sales (M Units), Revenue (Million USD), Price (USD/K Units) and Gross Margin (2013-2018)

Figure NEO Vision Disposable Contact Lenses Sales Growth Rate (2013-2018)

Figure NEO Vision Disposable Contact Lenses Sales Market Share in United States (2013-2018)

Figure NEO Vision Disposable Contact Lenses Revenue Market Share in United States (2013-2018)

Table Clearlab Basic Information List

Table Oculus Basic Information List

Table Camax Basic Information List

Table Seed Basic Information List



Table Hoya Corp Basic Information List Table Production Base and Market Concentration Rate of Raw Material Figure Price Trend of Key Raw Materials Table Key Suppliers of Raw Materials Figure Manufacturing Cost Structure of Disposable Contact Lenses Figure Manufacturing Process Analysis of Disposable Contact Lenses Figure Disposable Contact Lenses Industrial Chain Analysis Table Raw Materials Sources of Disposable Contact Lenses Major Players/Suppliers in 2017 Table Major Buyers of Disposable Contact Lenses Table Distributors/Traders List Figure United States Disposable Contact Lenses Sales Volume (M Units) and Growth Rate Forecast (2018-2025) Figure United States Disposable Contact Lenses Revenue (Million USD) and Growth Rate Forecast (2018-2025) Figure United States Disposable Contact Lenses Price (USD/K Units) Trend Forecast (2018-2025) Table United States Disposable Contact Lenses Sales Volume (M Units) Forecast by Type (2018-2025) Figure United States Disposable Contact Lenses Sales Volume (M Units) Forecast by Type (2018-2025) Figure United States Disposable Contact Lenses Sales Volume (M Units) Forecast by Type in 2025 Table United States Disposable Contact Lenses Sales Volume (M Units) Forecast by Application (2018-2025) Figure United States Disposable Contact Lenses Sales Volume (M Units) Forecast by Application (2018-2025) Figure United States Disposable Contact Lenses Sales Volume (M Units) Forecast by Application in 2025 Table United States Disposable Contact Lenses Sales Volume (M Units) Forecast by Region (2018-2025) Table United States Disposable Contact Lenses Sales Volume Share Forecast by Region (2018-2025) Figure United States Disposable Contact Lenses Sales Volume Share Forecast by Region (2018-2025) Figure United States Disposable Contact Lenses Sales Volume Share Forecast by Region in 2025 Table Research Programs/Design for This Report Figure Bottom-up and Top-down Approaches for This Report



Figure Data Triangulation Table Key Data Information from Secondary Sources Table Key Data Information from Primary Sources



I would like to order

Product name: United States Disposable Contact Lenses Market Report 2018 Product link: <u>https://marketpublishers.com/r/U6BE2BC6891QEN.html</u>

Price: US\$ 3,800.00 (Single User License / Electronic Delivery) If you want to order Corporate License or Hard Copy, please, contact our Customer Service: <u>info@marketpublishers.com</u>

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <u>https://marketpublishers.com/r/U6BE2BC6891QEN.html</u>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name: Last name: Email: Company: Address: City: Zip code: Country: Tel: Fax: Your message:

**All fields are required

Custumer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <u>https://marketpublishers.com/docs/terms.html</u>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970