

United States Digital Dental Impression Devices Market Report 2017

<https://marketpublishers.com/r/U74D4229F42EN.html>

Date: May 2017

Pages: 96

Price: US\$ 3,800.00 (Single User License)

ID: U74D4229F42EN

Abstracts

In this report, the United States Digital Dental Impression Devices market is valued at USD XX million in 2016 and is expected to reach USD XX million by the end of 2022, growing at a CAGR of XX% between 2016 and 2022.

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 Digital Dental Impression Devices in these regions, from 2012 to 2022 (forecast).

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

Sirona Dentals Systems

3Shape

Align Technology

3M ESPE

Carestream Health

Densys3D

Hint-Els

Glidewell Laboratories

Ormco Corporation

Planmeca

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

Confocal Microscopic Imaging Technology

Optical Wand Technology

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 of Digital Dental Impression Devices for each application, including

Hospital

Dental Clinic

Other

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

Contents

United States Digital Dental Impression Devices Market Report 2017

1 DIGITAL DENTAL IMPRESSION DEVICES OVERVIEW

1.1 Product Overview and Scope of Digital Dental Impression Devices

1.2 Classification of Digital Dental Impression Devices by Product Category

1.2.1 United States Digital Dental Impression Devices Market Size (Sales Volume) Comparison by Type (2012-2022)

1.2.2 United States Digital Dental Impression Devices Market Size (Sales Volume) Market Share by Type (Product Category) in 2016

1.2.3 Confocal Microscopic Imaging Technology

1.2.4 Optical Wand Technology

1.3 United States Digital Dental Impression Devices Market by Application/End Users

1.3.1 United States Digital Dental Impression Devices Market Size (Consumption) and Market Share Comparison by Application (2012-2022)

1.3.2 Hospital

1.3.3 Dental Clinic

1.3.4 Other

1.4 United States Digital Dental Impression Devices Market by Region

1.4.1 United States Digital Dental Impression Devices Market Size (Value) Comparison by Region (2012-2022)

1.4.2 The West Digital Dental Impression Devices Status and Prospect (2012-2022)

1.4.3 Southwest Digital Dental Impression Devices Status and Prospect (2012-2022)

1.4.4 The Middle Atlantic Digital Dental Impression Devices Status and Prospect (2012-2022)

1.4.5 New England Digital Dental Impression Devices Status and Prospect (2012-2022)

1.4.6 The South Digital Dental Impression Devices Status and Prospect (2012-2022)

1.4.7 The Midwest Digital Dental Impression Devices Status and Prospect (2012-2022)

1.5 United States Market Size (Value and Volume) of Digital Dental Impression Devices (2012-2022)

1.5.1 United States Digital Dental Impression Devices Sales and Growth Rate (2012-2022)

1.5.2 United States Digital Dental Impression Devices Revenue and Growth Rate (2012-2022)

2 UNITED STATES DIGITAL DENTAL IMPRESSION DEVICES MARKET

COMPETITION BY PLAYERS/SUPPLIERS

2.1 United States Digital Dental Impression Devices Sales and Market Share of Key Players/Suppliers (2012-2017)

2.2 United States Digital Dental Impression Devices Revenue and Share by Players/Suppliers (2012-2017)

2.3 United States Digital Dental Impression Devices Average Price by Players/Suppliers (2012-2017)

2.4 United States Digital Dental Impression Devices Market Competitive Situation and Trends

2.4.1 United States Digital Dental Impression Devices Market Concentration Rate

2.4.2 United States Digital Dental Impression Devices 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 Digital Dental Impression Devices Manufacturing Base Distribution, Sales Area, Product Type

3 UNITED STATES DIGITAL DENTAL IMPRESSION DEVICES SALES (VOLUME) AND REVENUE (VALUE) BY REGION (2012-2017)

3.1 United States Digital Dental Impression Devices Sales and Market Share by Region (2012-2017)

3.2 United States Digital Dental Impression Devices Revenue and Market Share by Region (2012-2017)

3.3 United States Digital Dental Impression Devices Price by Region (2012-2017)

4 UNITED STATES DIGITAL DENTAL IMPRESSION DEVICES SALES (VOLUME) AND REVENUE (VALUE) BY TYPE (PRODUCT CATEGORY) (2012-2017)

4.1 United States Digital Dental Impression Devices Sales and Market Share by Type (Product Category) (2012-2017)

4.2 United States Digital Dental Impression Devices Revenue and Market Share by Type (2012-2017)

4.3 United States Digital Dental Impression Devices Price by Type (2012-2017)

4.4 United States Digital Dental Impression Devices Sales Growth Rate by Type (2012-2017)

5 UNITED STATES DIGITAL DENTAL IMPRESSION DEVICES SALES (VOLUME) BY APPLICATION (2012-2017)

5.1 United States Digital Dental Impression Devices Sales and Market Share by Application (2012-2017)

5.2 United States Digital Dental Impression Devices Sales Growth Rate by Application (2012-2017)

5.3 Market Drivers and Opportunities

6 UNITED STATES DIGITAL DENTAL IMPRESSION DEVICES PLAYERS/SUPPLIERS PROFILES AND SALES DATA

6.1 Sirona Dentals Systems

6.1.1 Company Basic Information, Manufacturing Base and Competitors

6.1.2 Digital Dental Impression Devices Product Category, Application and Specification

6.1.2.1 Product A

6.1.2.2 Product B

6.1.3 Sirona Dentals Systems Digital Dental Impression Devices Sales, Revenue, Price and Gross Margin (2012-2017)

6.1.4 Main Business/Business Overview

6.2 3Shape

6.2.2 Digital Dental Impression Devices Product Category, Application and Specification

6.2.2.1 Product A

6.2.2.2 Product B

6.2.3 3Shape Digital Dental Impression Devices Sales, Revenue, Price and Gross Margin (2012-2017)

6.2.4 Main Business/Business Overview

6.3 Align Technology

6.3.2 Digital Dental Impression Devices Product Category, Application and Specification

6.3.2.1 Product A

6.3.2.2 Product B

6.3.3 Align Technology Digital Dental Impression Devices Sales, Revenue, Price and Gross Margin (2012-2017)

6.3.4 Main Business/Business Overview

6.4 3M ESPE

6.4.2 Digital Dental Impression Devices Product Category, Application and Specification

6.4.2.1 Product A

6.4.2.2 Product B

6.4.3 3M ESPE Digital Dental Impression Devices Sales, Revenue, Price and Gross Margin (2012-2017)

6.4.4 Main Business/Business Overview

6.5 Carestream Health

6.5.2 Digital Dental Impression Devices Product Category, Application and Specification

6.5.2.1 Product A

6.5.2.2 Product B

6.5.3 Carestream Health Digital Dental Impression Devices Sales, Revenue, Price and Gross Margin (2012-2017)

6.5.4 Main Business/Business Overview

6.6 Densys3D

6.6.2 Digital Dental Impression Devices Product Category, Application and Specification

6.6.2.1 Product A

6.6.2.2 Product B

6.6.3 Densys3D Digital Dental Impression Devices Sales, Revenue, Price and Gross Margin (2012-2017)

6.6.4 Main Business/Business Overview

6.7 Hint-Els

6.7.2 Digital Dental Impression Devices Product Category, Application and Specification

6.7.2.1 Product A

6.7.2.2 Product B

6.7.3 Hint-Els Digital Dental Impression Devices Sales, Revenue, Price and Gross Margin (2012-2017)

6.7.4 Main Business/Business Overview

6.8 Glidewell Laboratories

6.8.2 Digital Dental Impression Devices Product Category, Application and Specification

6.8.2.1 Product A

6.8.2.2 Product B

6.8.3 Glidewell Laboratories Digital Dental Impression Devices Sales, Revenue, Price and Gross Margin (2012-2017)

6.8.4 Main Business/Business Overview

6.9 Ormco Corporation

6.9.2 Digital Dental Impression Devices Product Category, Application and Specification

6.9.2.1 Product A

6.9.2.2 Product B

6.9.3 Ormco Corporation Digital Dental Impression Devices Sales, Revenue, Price and Gross Margin (2012-2017)

6.9.4 Main Business/Business Overview

6.10 Planmeca

6.10.2 Digital Dental Impression Devices Product Category, Application and Specification

6.10.2.1 Product A

6.10.2.2 Product B

6.10.3 Planmeca Digital Dental Impression Devices Sales, Revenue, Price and Gross Margin (2012-2017)

6.10.4 Main Business/Business Overview

7 DIGITAL DENTAL IMPRESSION DEVICES MANUFACTURING COST ANALYSIS

7.1 Digital Dental Impression Devices 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 Digital Dental Impression Devices

8 INDUSTRIAL CHAIN, SOURCING STRATEGY AND DOWNSTREAM BUYERS

8.1 Digital Dental Impression Devices Industrial Chain Analysis

8.2 Upstream Raw Materials Sourcing

8.3 Raw Materials Sources of Digital Dental Impression Devices Major Manufacturers in 2016

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 DIGITAL DENTAL IMPRESSION DEVICES MARKET SIZE (VALUE AND VOLUME) FORECAST (2017-2022)

- 11.1 United States Digital Dental Impression Devices Sales Volume, Revenue Forecast (2017-2022)
- 11.2 United States Digital Dental Impression Devices Sales Volume Forecast by Type (2017-2022)
- 11.3 United States Digital Dental Impression Devices Sales Volume Forecast by Application (2017-2022)
- 11.4 United States Digital Dental Impression Devices Sales Volume Forecast by Region (2017-2022)

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 Digital Dental Impression Devices

Figure United States Digital Dental Impression Devices Market Size (K Units) by Type (2012-2022)

Figure United States Digital Dental Impression Devices Sales Volume Market Share by Type (Product Category) in 2016

Figure Confocal Microscopic Imaging Technology Product Picture

Figure Optical Wand Technology Product Picture

Figure United States Digital Dental Impression Devices Market Size (K Units) by Application (2012-2022)

Figure United States Sales Market Share of Digital Dental Impression Devices by Application in 2016

Figure Hospital Examples

Figure Dental Clinic Examples

Figure Other Examples

Figure United States Digital Dental Impression Devices Market Size (Million USD) by Region (2012-2022)

Figure The West Digital Dental Impression Devices Revenue (Million USD) and Growth Rate (2012-2022)

Figure Southwest Digital Dental Impression Devices Revenue (Million USD) and Growth Rate (2012-2022)

Figure The Middle Atlantic Digital Dental Impression Devices Revenue (Million USD) and Growth Rate (2012-2022)

Figure New England Digital Dental Impression Devices Revenue (Million USD) and Growth Rate (2012-2022)

Figure The South of US Digital Dental Impression Devices Revenue (Million USD) and Growth Rate (2012-2022)

Figure The Midwest Digital Dental Impression Devices Revenue (Million USD) and Growth Rate (2012-2022)

Figure United States Digital Dental Impression Devices Sales (K Units) and Growth Rate (2012-2022)

Figure United States Digital Dental Impression Devices Revenue (Million USD) and Growth Rate (2012-2022)

Figure United States Digital Dental Impression Devices Market Major Players Product Sales Volume (K Units) (2012-2017)

Table United States Digital Dental Impression Devices Sales (K Units) of Key

Players/Suppliers (2012-2017)

Table United States Digital Dental Impression Devices Sales Share by
Players/Suppliers (2012-2017)

Figure 2016 United States Digital Dental Impression Devices Sales Share by
Players/Suppliers

Figure 2017 United States Digital Dental Impression Devices Sales Share by
Players/Suppliers

Figure United States Digital Dental Impression Devices Market Major Players Product
Revenue (Million USD) (2012-2017)

Table United States Digital Dental Impression Devices Revenue (Million USD) by
Players/Suppliers (2012-2017)

Table United States Digital Dental Impression Devices Revenue Share by
Players/Suppliers (2012-2017)

Figure 2016 United States Digital Dental Impression Devices Revenue Share by
Players/Suppliers

Figure 2017 United States Digital Dental Impression Devices Revenue Share by
Players/Suppliers

Table United States Market Digital Dental Impression Devices Average Price
(USD/Unit) of Key Players/Suppliers (2012-2017)

Figure United States Market Digital Dental Impression Devices Average Price
(USD/Unit) of Key Players/Suppliers in 2016

Figure United States Digital Dental Impression Devices Market Share of Top 3
Players/Suppliers

Figure United States Digital Dental Impression Devices Market Share of Top 5
Players/Suppliers

Table United States Players/Suppliers Digital Dental Impression Devices Manufacturing
Base Distribution and Sales Area

Table United States Players/Suppliers Digital Dental Impression Devices Product
Category

Table United States Digital Dental Impression Devices Sales (K Units) by Region
(2012-2017)

Table United States Digital Dental Impression Devices Sales Share by Region
(2012-2017)

Figure United States Digital Dental Impression Devices Sales Share by Region
(2012-2017)

Figure United States Digital Dental Impression Devices Sales Market Share by Region
in 2016

Table United States Digital Dental Impression Devices Revenue (Million USD) and
Market Share by Region (2012-2017)

Table United States Digital Dental Impression Devices Revenue Share by Region (2012-2017)

Figure United States Digital Dental Impression Devices Revenue Market Share by Region (2012-2017)

Figure United States Digital Dental Impression Devices Revenue Market Share by Region in 2016

Table United States Digital Dental Impression Devices Price (USD/Unit) by Region (2012-2017)

Table United States Digital Dental Impression Devices Sales (K Units) by Type (2012-2017)

Table United States Digital Dental Impression Devices Sales Share by Type (2012-2017)

Figure United States Digital Dental Impression Devices Sales Share by Type (2012-2017)

Figure United States Digital Dental Impression Devices Sales Market Share by Type in 2016

Table United States Digital Dental Impression Devices Revenue (Million USD) and Market Share by Type (2012-2017)

Table United States Digital Dental Impression Devices Revenue Share by Type (2012-2017)

Figure Revenue Market Share of Digital Dental Impression Devices by Type (2012-2017)

Figure Revenue Market Share of Digital Dental Impression Devices by Type in 2016

Table United States Digital Dental Impression Devices Price (USD/Unit) by Types (2012-2017)

Figure United States Digital Dental Impression Devices Sales Growth Rate by Type (2012-2017)

Table United States Digital Dental Impression Devices Sales (K Units) by Application (2012-2017)

Table United States Digital Dental Impression Devices Sales Market Share by Application (2012-2017)

Figure United States Digital Dental Impression Devices Sales Market Share by Application (2012-2017)

Figure United States Digital Dental Impression Devices Sales Market Share by Application in 2016

Table United States Digital Dental Impression Devices Sales Growth Rate by Application (2012-2017)

Figure United States Digital Dental Impression Devices Sales Growth Rate by Application (2012-2017)

Table Sirona Dentals Systems Basic Information List

Table Sirona Dentals Systems Digital Dental Impression Devices Sales (K Units), Revenue (Million USD), Price (USD/Unit) and Gross Margin (2012-2017)

Figure Sirona Dentals Systems Digital Dental Impression Devices Sales Growth Rate (2012-2017)

Figure Sirona Dentals Systems Digital Dental Impression Devices Sales Market Share in United States (2012-2017)

Figure Sirona Dentals Systems Digital Dental Impression Devices Revenue Market Share in United States (2012-2017)

Table 3Shape Basic Information List

Table 3Shape Digital Dental Impression Devices Sales (K Units), Revenue (Million USD), Price (USD/Unit) and Gross Margin (2012-2017)

Figure 3Shape Digital Dental Impression Devices Sales Growth Rate (2012-2017)

Figure 3Shape Digital Dental Impression Devices Sales Market Share in United States (2012-2017)

Figure 3Shape Digital Dental Impression Devices Revenue Market Share in United States (2012-2017)

Table Align Technology Basic Information List

Table Align Technology Digital Dental Impression Devices Sales (K Units), Revenue (Million USD), Price (USD/Unit) and Gross Margin (2012-2017)

Figure Align Technology Digital Dental Impression Devices Sales Growth Rate (2012-2017)

Figure Align Technology Digital Dental Impression Devices Sales Market Share in United States (2012-2017)

Figure Align Technology Digital Dental Impression Devices Revenue Market Share in United States (2012-2017)

Table 3M ESPE Basic Information List

Table 3M ESPE Digital Dental Impression Devices Sales (K Units), Revenue (Million USD), Price (USD/Unit) and Gross Margin (2012-2017)

Figure 3M ESPE Digital Dental Impression Devices Sales Growth Rate (2012-2017)

Figure 3M ESPE Digital Dental Impression Devices Sales Market Share in United States (2012-2017)

Figure 3M ESPE Digital Dental Impression Devices Revenue Market Share in United States (2012-2017)

Table Carestream Health Basic Information List

Table Carestream Health Digital Dental Impression Devices Sales (K Units), Revenue (Million USD), Price (USD/Unit) and Gross Margin (2012-2017)

Figure Carestream Health Digital Dental Impression Devices Sales Growth Rate (2012-2017)

Figure Carestream Health Digital Dental Impression Devices Sales Market Share in United States (2012-2017)

Figure Carestream Health Digital Dental Impression Devices Revenue Market Share in United States (2012-2017)

Table Densys3D Basic Information List

Table Densys3D Digital Dental Impression Devices Sales (K Units), Revenue (Million USD), Price (USD/Unit) and Gross Margin (2012-2017)

Figure Densys3D Digital Dental Impression Devices Sales Growth Rate (2012-2017)

Figure Densys3D Digital Dental Impression Devices Sales Market Share in United States (2012-2017)

Figure Densys3D Digital Dental Impression Devices Revenue Market Share in United States (2012-2017)

Table Hint-Els Basic Information List

Table Hint-Els Digital Dental Impression Devices Sales (K Units), Revenue (Million USD), Price (USD/Unit) and Gross Margin (2012-2017)

Figure Hint-Els Digital Dental Impression Devices Sales Growth Rate (2012-2017)

Figure Hint-Els Digital Dental Impression Devices Sales Market Share in United States (2012-2017)

Figure Hint-Els Digital Dental Impression Devices Revenue Market Share in United States (2012-2017)

Table Glidewell Laboratories Basic Information List

Table Glidewell Laboratories Digital Dental Impression Devices Sales (K Units), Revenue (Million USD), Price (USD/Unit) and Gross Margin (2012-2017)

Figure Glidewell Laboratories Digital Dental Impression Devices Sales Growth Rate (2012-2017)

Figure Glidewell Laboratories Digital Dental Impression Devices Sales Market Share in United States (2012-2017)

Figure Glidewell Laboratories Digital Dental Impression Devices Revenue Market Share in United States (2012-2017)

Table Ormco Corporation Basic Information List

Table Ormco Corporation Digital Dental Impression Devices Sales (K Units), Revenue (Million USD), Price (USD/Unit) and Gross Margin (2012-2017)

Figure Ormco Corporation Digital Dental Impression Devices Sales Growth Rate (2012-2017)

Figure Ormco Corporation Digital Dental Impression Devices Sales Market Share in United States (2012-2017)

Figure Ormco Corporation Digital Dental Impression Devices Revenue Market Share in United States (2012-2017)

Table Planmeca Basic Information List

Table Planmeca Digital Dental Impression Devices Sales (K Units), Revenue (Million USD), Price (USD/Unit) and Gross Margin (2012-2017)

Figure Planmeca Digital Dental Impression Devices Sales Growth Rate (2012-2017)

Figure Planmeca Digital Dental Impression Devices Sales Market Share in United States (2012-2017)

Figure Planmeca Digital Dental Impression Devices Revenue Market Share in United States (2012-2017)

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 Digital Dental Impression Devices

Figure Manufacturing Process Analysis of Digital Dental Impression Devices

Figure Digital Dental Impression Devices Industrial Chain Analysis

Table Raw Materials Sources of Digital Dental Impression Devices Major Players/Suppliers in 2016

Table Major Buyers of Digital Dental Impression Devices

Table Distributors/Traders List

Figure United States Digital Dental Impression Devices Sales Volume (K Units) and Growth Rate Forecast (2017-2022)

Figure United States Digital Dental Impression Devices Revenue (Million USD) and Growth Rate Forecast (2017-2022)

Figure United States Digital Dental Impression Devices Price (USD/Unit) Trend Forecast (2017-2022)

Table United States Digital Dental Impression Devices Sales Volume (K Units) Forecast by Type (2017-2022)

Figure United States Digital Dental Impression Devices Sales Volume (K Units) Forecast by Type (2017-2022)

Figure United States Digital Dental Impression Devices Sales Volume (K Units) Forecast by Type in 2022

Table United States Digital Dental Impression Devices Sales Volume (K Units) Forecast by Application (2017-2022)

Figure United States Digital Dental Impression Devices Sales Volume (K Units) Forecast by Application (2017-2022)

Figure United States Digital Dental Impression Devices Sales Volume (K Units) Forecast by Application in 2022

Table United States Digital Dental Impression Devices Sales Volume (K Units) Forecast by Region (2017-2022)

Table United States Digital Dental Impression Devices Sales Volume Share Forecast by Region (2017-2022)

Figure United States Digital Dental Impression Devices Sales Volume Share Forecast by Region (2017-2022)

Figure United States Digital Dental Impression Devices Sales Volume Share Forecast by Region in 2022

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 Digital Dental Impression Devices Market Report 2017

Product link: <https://marketpublishers.com/r/U74D4229F42EN.html>

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:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/U74D4229F42EN.html>

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**

Customer signature _____

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

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