

# Global Hair Styling Mousses Industry Research Report 2020, Forecast to 2025

https://marketpublishers.com/r/G3311843A07DEN.html

Date: September 2020

Pages: 104

Price: US\$ 2,560.00 (Single User License)

ID: G3311843A07DEN

# **Abstracts**

The report requires updating with new data and is sent in 48 hours after order is placed.

The Hair Styling Mousses market was valued at US\$ xx in 2019, prior to COVID-19. Whereas post-COVID-19 scenario, the market for Hair Styling Mousses is projected to grow from US\$ xx million in 2020, and is projected to reach xx by 2025, at a CAGR of xx% during the forecast period. Projected and forecast revenue values are in constant U.S. dollars, unadjusted for inflation. Product values are estimated based on manufacturers' revenue.

The report offers detailed coverage of Hair Styling Mousses industry and main market trends. The market research includes historical and forecast market data, demand, application details, price trends, and company shares of the leading Hair Styling Mousses by geography. The report splits the market size, by volume and value, on the basis of application type and geography.

In addition to this data, the report provides insight into drivers of market demand and strategies of suppliers. Key players are profiled, and their market shares in the global Hair Styling Mousses market are discussed.

The market is segmented by types:

Men Styling Mousses

Women Styling Mousses



It can be also divided by applications:
Online Sales
Offline Sales
And this report covers the historical situation, present status and the future prospects of the global Hair Styling Mousses market for 2015-2025. In this report, we analyze global market from 5 geographies: Asia-Pacific, Europe, North America, Middle East & Africa, South America.
Finally, the report provides detailed profile and data information analysis of leading company.
Henkel
Estee Lauder
P&G
Kao
Combe
L'Oreal
Revlon
Avon
Unilever
Johnson & Johnson
Shiseido
World Hair Cosmetics



# Report Includes:

xx data tables and xx additional tables

An overview of global Hair Styling Mousses market

An detailed key players analysis across regions

Analyses of global market trends, with historical data, estimates for 2020 and projections of compound annual growth rates (CAGRs) through 2025

Insights into regulatory and environmental developments

Information on the supply and demand scenario and evaluation of technological and investment opportunities in the Hair Styling Mousses market

Profiles of major players in the industry, including Henkel, Estee Lauder, P&G, Kao, Combe.....

#### Research Objectives

To study and analyze the global Hair Styling Mousses consumption (value & volume) by key regions/countries, product type and application, history data from 2015 to 2019, and forecast to 2025.

To understand the structure of Hair Styling Mousses market by identifying its various subsegments.

Focuses on the key global Hair Styling Mousses manufacturers, to define, describe and analyze the sales volume, value, market share, market competition landscape, Porter's five forces analysis, SWOT analysis and development plans in next few years.

To analyze the Hair Styling Mousses with respect to individual growth trends, future prospects, and their contribution to the total market.

To share detailed information about the key factors influencing the growth of the market (growth potential, opportunities, drivers, industry-specific challenges and



risks).

To project the consumption of Hair Styling Mousses submarkets, with respect to key regions (along with their respective key countries).

To analyze competitive developments such as expansions, agreements, new product launches, and acquisitions in the market.

To strategically profile the key players and comprehensively analyze their growth strategies.



# **Contents**

Global Hair Styling Mousses Market Report 2020, Forecast to 2025

#### 1 SCOPE OF THE STUDY

- 1.1 Hair Styling Mousses Introduction
- 1.2 Research Programs
- 1.3 Analysis of Macroeconomic Indicators
- 1.4 Years Considered
- 1.5 Methodology
- 1.6 Data Source
- 1.7 Research Objectives

#### 2 HAIR STYLING MOUSSES INDUSTRY OVERVIEW

- 2.1 Global Hair Styling Mousses Market Size (Million USD) Comparison by Regions (2020-2025)
  - 2.1.1 Hair Styling Mousses Global Import Market Analysis
  - 2.1.2 Hair Styling Mousses Global Export Market Analysis
  - 2.1.3 Hair Styling Mousses Global Main Region Market Analysis
- 2.2 Market Analysis by Type
  - 2.2.1 Men Styling Mousses
  - 2.2.2 Women Styling Mousses
- 2.3 Market Analysis by Application
  - 2.3.1 Online Sales
- 2.3.2 Offline Sales
- 2.4 Global Hair Styling Mousses Revenue, Sales and Market Share by Manufacturer
- 2.4.1 Global Hair Styling Mousses Sales and Market Share by Manufacturer (2018-2020)
- 2.4.2 Global Hair Styling Mousses Revenue and Market Share by Manufacturer (2018-2020)
  - 2.4.3 Global Hair Styling Mousses Industry Concentration Ratio (CR5 and HHI)
  - 2.4.4 Top 5 Hair Styling Mousses Manufacturer Market Share
  - 2.4.5 Top 10 Hair Styling Mousses Manufacturer Market Share
- 2.4.6 Date of Key Manufacturers Enter into Hair Styling Mousses Market
- 2.4.7 Key Manufacturers Hair Styling Mousses Product Offered
- 2.4.8 Mergers & Acquisitions Planning
- 2.5 Hair Styling Mousses Historical Development Overview



- 2.6 Market Dynamics
  - 2.6.1 Market Opportunities
  - 2.6.2 Market Risk
- 2.6.3 Market Driving Force
- 2.6.4 Porter's Five Forces Analysis
- 2.7 Coronavirus Disease 2019 (Covid-19): Hair Styling Mousses Industry Impact
  - 2.7.1 How the Covid-19 is Affecting the Hair Styling Mousses Industry
  - 2.7.2 Hair Styling Mousses Business Impact Assessment Covid-19
- 2.7.3 Market Trends and Hair Styling Mousses Potential Opportunities in the COVID-19 Landscape
  - 2.7.4 Measures / Proposal against Covid-19

#### **3 UPSTREAM AND DOWNSTREAM MARKET ANALYSIS**

- 3.1 Upstream Analysis
  - 3.1.1 Macro Analysis of Upstream Markets
  - 3.1.2 Key Players in Upstream Markets
  - 3.1.3 Upstream Market Trend Analysis
  - 3.1.4 Hair Styling Mousses Manufacturing Cost Analysis
- 3.2 Downstream Market Analysis
  - 3.2.1 Macro Analysis of Down Markets
  - 3.2.2 Key Players in Down Markets
  - 3.2.3 Downstream Market Trend Analysis
  - 3.2.4 Sales Channel, Distributors, Traders and Dealers

# 4 GLOBAL HAIR STYLING MOUSSES MARKET SIZE CATEGORIZED BY REGIONS (2015-2020)

- 4.1 Global Hair Styling Mousses Sales Market Share by Region
- 4.2 Global Hair Styling Mousses Revenue Market Share by Region (2015-2019)
- 4.3 Global Hair Styling Mousses Sales, Revenue, Price and Gross Margin (2015-2020)
- 4.4 North America Hair Styling Mousses Market Size Detail
- 4.4.1 North America Hair Styling Mousses Sales Growth Rate (2015-2020)
- 4.4.2 North America Hair Styling Mousses Sales, Revenue, Price and Gross Margin (2015-2020)
- 4.5 Europe Hair Styling Mousses Market Size Detail
  - 4.5.1 Europe Hair Styling Mousses Sales Growth Rate (2015-2020)
- 4.5.2 Europe Hair Styling Mousses Sales, Revenue, Price and Gross Margin (2015-2020)



- 4.6 Japan Hair Styling Mousses Market Size Detail
- 4.6.1 Japan Hair Styling Mousses Sales Growth Rate (2015-2020)
- 4.6.2 Japan Hair Styling Mousses Sales, Revenue, Price and Gross Margin (2015-2020)
- 4.7 China Hair Styling Mousses Market Size Detail
- 4.7.1 China Hair Styling Mousses Sales Growth Rate (2015-2020)
- 4.7.2 China Hair Styling Mousses Sales, Revenue, Price and Gross Margin (2015-2020)

#### **5 GLOBAL HAIR STYLING MOUSSES MARKET SEGMENT BY TYPE**

- 5.1 Global Hair Styling Mousses Revenue, Sales and Market Share by Type (2015-2020)
  - 5.1.1 Global Hair Styling Mousses Sales and Market Share by Type (2015-2020)
  - 5.1.2 Global Hair Styling Mousses Revenue and Market Share by Type (2015-2020)
- 5.2 Men Styling Mousses Sales Growth Rate and Price
  - 5.2.1 Global Men Styling Mousses Sales Growth Rate (2015-2020)
  - 5.2.2 Global Men Styling Mousses Price (2015-2020)
- 5.3 Women Styling Mousses Sales Growth Rate and Price
  - 5.3.1 Global Women Styling Mousses Sales Growth Rate (2015-2020)
  - 5.3.2 Global Women Styling Mousses Price (2015-2020)

#### 6 GLOBAL HAIR STYLING MOUSSES MARKET SEGMENT BY APPLICATION

- 6.1 Global Hair Styling MoussesSales Market Share by Application (2015-2020)
- 6.2 Online Sales Sales Growth Rate (2015-2020)
- 6.3 Offline Sales Sales Growth Rate (2015-2020)

#### 7 GLOBAL HAIR STYLING MOUSSES MARKET FORECAST

- 7.1 Global Hair Styling Mousses Sales, Revenue Forecast
  - 7.1.1 Global Hair Styling Mousses Sales Growth Rate Forecast (2020-2025)
  - 7.1.2 Global Hair Styling Mousses Revenue and Growth Rate Forecast (2020-2025)
  - 7.1.3 Global Hair Styling Mousses Price and Trend Forecast (2020-2025)
- 7.2 Global Hair Styling Mousses Sales Forecast by Region (2020-2025)
- 7.2.1 North America Hair Styling Mousses Sales, Revenue Forecast (2020-2025)
- 7.2.2 Europe Hair Styling Mousses Sales, Revenue Forecast (2020-2025)
- 7.2.3 Japan Hair Styling Mousses Production, Revenue Forecast (2020-2025)
- 7.2.4 China Hair Styling Mousses Production, Revenue Forecast (2020-2025)



#### 8 ANALYSIS OF HAIR STYLING MOUSSES INDUSTRY KEY MANUFACTURERS

- 8.1 Henkel
  - 8.1.1 Company Details
  - 8.1.2 Product Information
- 8.1.3 Henkel Hair Styling Mousses Production, Price, Cost, Gross Margin, and

#### Revenue (2018-2020)

- 8.1.4 Main Business Overview
- 8.1.5 Henkel News
- 8.2 Estee Lauder
  - 8.2.1 Company Details
  - 8.2.2 Product Information
- 8.2.3 Estee Lauder Hair Styling Mousses Production, Price, Cost, Gross Margin, and Revenue (2018-2020)
  - 8.2.4 Main Business Overview
  - 8.2.5 Estee Lauder News
- 8.3 P&G
  - 8.3.1 Company Details
  - 8.3.2 Product Information
- 8.3.3 P&G Hair Styling Mousses Production, Price, Cost, Gross Margin, and Revenue (2018-2020)
  - 8.3.4 Main Business Overview
  - 8.3.5 P&G News
- 8.4 Kao
  - 8.4.1 Company Details
  - 8.4.2 Product Information
- 8.4.3 Kao Hair Styling Mousses Production, Price, Cost, Gross Margin, and Revenue (2018-2020)
  - 8.4.4 Main Business Overview
  - 8.4.5 Kao News
- 8.5 Combe
  - 8.5.1 Company Details
  - 8.5.2 Product Information
- 8.5.3 Combe Hair Styling Mousses Production, Price, Cost, Gross Margin, and

# Revenue (2018-2020)

- 8.5.4 Main Business Overview
- 8.5.5 Combe News
- 8.6 L'Oreal



- 8.6.1 Company Details
- 8.6.2 Product Information
- 8.6.3 L'Oreal Hair Styling Mousses Production, Price, Cost, Gross Margin, and

Revenue (2018-2020)

- 8.6.4 Main Business Overview
- 8.6.5 L'Oreal News
- 8.7 Revlon
  - 8.7.1 Company Details
  - 8.7.2 Product Information
  - 8.7.3 Revlon Hair Styling Mousses Production, Price, Cost, Gross Margin, and

Revenue (2018-2020)

- 8.7.4 Main Business Overview
- 8.7.5 Revlon News
- 8.8 Avon
  - 8.8.1 Company Details
  - 8.8.2 Product Information
- 8.8.3 Avon Hair Styling Mousses Production, Price, Cost, Gross Margin, and Revenue (2018-2020)
  - 8.8.4 Main Business Overview
  - 8.8.5 Avon News
- 8.9 Unilever
  - 8.9.1 Company Details
  - 8.9.2 Product Information
- 8.9.3 Unilever Hair Styling Mousses Production, Price, Cost, Gross Margin, and

Revenue (2018-2020)

- 8.9.4 Main Business Overview
- 8.9.5 Unilever News
- 8.10 Johnson & Johnson
  - 8.10.1 Company Details
  - 8.10.2 Product Information
  - 8.10.3 Johnson & Johnson Hair Styling Mousses Production, Price, Cost, Gross

Margin, and Revenue (2018-2020)

- 8.10.4 Main Business Overview
- 8.10.5 Johnson & Johnson News
- 8.11 Shiseido
  - 8.11.1 Company Details
  - 8.11.2 Product Information
- 8.11.3 Shiseido Hair Styling Mousses Production, Price, Cost, Gross Margin, and Revenue (2018-2020)



- 8.11.4 Main Business Overview
- 8.11.5 Shiseido News
- 8.12 World Hair Cosmetics
  - 8.12.1 Company Details
  - 8.12.2 Product Information
  - 8.12.3 World Hair Cosmetics Hair Styling Mousses Production, Price, Cost, Gross

Margin, and Revenue (2018-2020)

- 8.12.4 Main Business Overview
- 8.12.5 World Hair Cosmetics News

## 9 RESEARCH FINDINGS AND CONCLUSION

## **10 APPENDIX**



# **List Of Tables**

#### LIST OF TABLES AND FIGURES

Figure Hair Styling Mousses Picture

Figure Research Programs/Design for This Report

Figure Global Hair Styling Mousses Market by Regions (2019)

Table Global Market Hair Styling Mousses Comparison by Regions (M USD) 2019-2025

Table Global Hair Styling Mousses Sales Growth (CAGR) (2019-2025) by Type

Figure Global Sales Market Share of Hair Styling Mousses by Type in 2019

Figure Men Styling Mousses Picture

Figure Women Styling Mousses Picture

Table Global Hair Styling Mousses Sales by Application (2019-2025)

Figure Global Hair Styling Mousses Sales Market Share by Application in 2019

Figure Online Sales Picture

Figure Offline Sales Picture

Table Global Hair Styling Mousses Sales by Manufacturer (2018-2020)

Figure Global Hair Styling Mousses Sales Market Share by Manufacturer in 2019

Table Global Hair Styling Mousses Revenue by Manufacturer (2018-2020)

Figure Global Hair Styling Mousses Revenue Market Share by Manufacturer in 2019

Table Global Hair Styling Mousses Manufacturers Market Concentration Ratio (CR5 and HHI)

Figure Top 5 Hair Styling Mousses Manufacturer (Revenue) Market Share in 2019

Figure Top 10 Hair Styling Mousses Manufacturer (Revenue) Market Share in 2019

Table Date of Key Manufacturers Enter into Hair Styling Mousses Market

Table Key Manufacturers Hair Styling Mousses Product Type

Table Mergers & Acquisitions Planning

Table Market Opportunities in Next Few Years

Table Market Risks Analysis

**Table Market Drivers** 

Table Key Players of Upstream Markets

Table Key Raw Materials

Figure Price Trend of Key Raw Materials

Table Key Suppliers of Raw Materials

Figure Manufacturing Cost Structure of Hair Styling Mousses

Table Key Players of Upstream Markets

Figure Sales Channel

Table Global Hair Styling Mousses Sales (K Units) by Region (2015-2020)

Table Global Hair Styling Mousses Sales Market Share by Region (2015-2019)



Figure Global Hair Styling Mousses Sales Market Share by Region (2015-2019)

Figure Global Hair Styling Mousses Sales Market Share by Region in 2018

Table Global Hair Styling Mousses Revenue (Million US\$) by Region (2015-2020)

Table Global Hair Styling Mousses Revenue Market Share by Region (2015-2020)

Figure Global Hair Styling Mousses Revenue Market Share by Region (2015-2020)

Figure Global Hair Styling Mousses Revenue Market Share by Region in 2019

Table Global Hair Styling Mousses Sales (K Units), Revenue (Million US\$), Price (USD/Unit) and Gross Margin (2015-2020)

Figure North America Hair Styling Mousses Sales (K Units) Growth Rate (2015-2020)

Table North America Hair Styling Mousses Sales (K Units), Revenue (Million US\$),

Price (USD/Unit) and Gross Margin (2015-2020)

Figure Europe Hair Styling Mousses Sales (K Units) Growth Rate (2015-2020)

Table Europe Hair Styling Mousses Sales (K Units), Revenue (Million US\$), Price (USD/Unit) and Gross Margin (2015-2020)

Figure Japan Hair Styling Mousses Sales (K Units) Growth Rate (2015-2020)

Table Japan Hair Styling Mousses Sales (K Units), Revenue (Million US\$), Price (USD/Unit) and Gross Margin (2015-2020)

Figure China Hair Styling Mousses Sales (K Units) Growth Rate (2015-2020)

Table China Hair Styling Mousses Sales (K Units), Revenue (Million US\$), Price (USD/Unit) and Gross Margin (2015-2020)

Table Global Hair Styling Mousses Sales by Type (2015-2020)

Table Global Hair Styling Mousses Sales Market Share by Type (2015-2020)

Figure Global Hair Styling Mousses Sales Market Share by Type in 2019

Table Global Hair Styling Mousses Revenue by Type (2015-2020)

Table Global Hair Styling Mousses Revenue Market Share by Type (2015-2020)

Figure Global Hair Styling Mousses Revenue Market Share by Type in 2019

Figure Global Men Styling Mousses Sales Growth Rate (2015-2020)

Figure Global Men Styling Mousses Price (2015-2020)

Figure Global Women Styling Mousses Sales Growth Rate (2015-2020)

Figure Global Women Styling Mousses Price (2015-2020)

Table Global Hair Styling Mousses Sales by Application (2015-2020)

Table Global Hair Styling Mousses Sales Market Share by Application (2015-2020)

Figure Global Hair Styling Mousses Sales Market Share by Application in 2019

Figure Global Online Sales Sales Growth Rate (2015-2020)

Figure Global Offline Sales Sales Growth Rate (2015-2020)

Figure Global Hair Styling Mousses Production (K Units) Growth Rate Forecast (2020-2025)

Figure Global Hair Styling Mousses Revenue (Million US\$) Growth Rate Forecast (2020-2025)



Figure Global Hair Styling Mousses Price and Trend Forecast (2020-2025)
Table Global Hair Styling Mousses Sales (K Units) Forecast by Region (2020-2025)
Figure Global Hair Styling Mousses Production Market Share Forecast by Region

(2020-2025)

Figure North America Hair Styling Mousses Sales (K Units) Growth Rate Forecast (2020-2025)

Figure North America Hair Styling Mousses Revenue (Million US\$) Growth Rate Forecast (2020-2025)

Figure Europe Hair Styling Mousses Sales (K Units) Growth Rate Forecast (2020-2025) Figure Europe Hair Styling Mousses Revenue (Million US\$) Growth Rate Forecast (2020-2025)

Figure Japan Hair Styling Mousses Production (K Units) Growth Rate Forecast (2020-2025)

Figure Japan Hair Styling Mousses Revenue (Million US\$) Growth Rate Forecast (2020-2025)

Figure China Hair Styling Mousses Production (K Units) Growth Rate Forecast (2020-2025)

Figure China Hair Styling Mousses Revenue (Million US\$) Growth Rate Forecast (2020-2025)

Table Henkel Company Profile

Figure Hair Styling Mousses Product Picture and Specifications of Henkel Table Hair Styling Mousses Production, Price, Revenue and Gross Margin of 2018-2020

Figure Henkel Hair Styling Mousses Market Share (2018-2020)

**Table Henkel Main Business** 

Table Henkel Recent Development

Table Estee Lauder Company Profile

Figure Hair Styling Mousses Product Picture and Specifications of Estee Lauder Table Hair Styling Mousses Production, Price, Revenue and Gross Margin of 2018-2020

Figure Estee Lauder Hair Styling Mousses Market Share (2018-2020)

Table Estee Lauder Main Business

Table Estee Lauder Recent Development

Table P&G Company Profile

Figure Hair Styling Mousses Product Picture and Specifications of P&G

Table Hair Styling Mousses Production, Price, Revenue and Gross Margin of 2018-2020

Figure P&G Hair Styling Mousses Market Share (2018-2020)

Table P&G Main Business



Table P&G Recent Development

Table Kao Company Profile

Figure Hair Styling Mousses Product Picture and Specifications of Kao

Table Hair Styling Mousses Production, Price, Revenue and Gross Margin of 2018-2020

Figure Kao Hair Styling Mousses Market Share (2018-2020)

Table Kao Main Business

Table Kao Recent Development

Table Combe Company Profile

Figure Hair Styling Mousses Product Picture and Specifications of Combe

Table Hair Styling Mousses Production, Price, Revenue and Gross Margin of 2018-2020

Figure Combe Hair Styling Mousses Market Share (2018-2020)

**Table Combe Main Business** 

Table Combe Recent Development

Table L'Oreal Company Profile

Figure Hair Styling Mousses Product Picture and Specifications of L'Oreal

Table Hair Styling Mousses Production, Price, Revenue and Gross Margin of 2018-2020

Figure L'Oreal Hair Styling Mousses Market Share (2018-2020)

Table L'Oreal Main Business

Table L'Oreal Recent Development

Table Revlon Company Profile

Figure Hair Styling Mousses Product Picture and Specifications of Revlon

Table Hair Styling Mousses Production, Price, Revenue and Gross Margin of 2018-2020

Figure Revlon Hair Styling Mousses Market Share (2018-2020)

**Table Revion Main Business** 

Table Revion Recent Development

Table Avon Company Profile

Figure Hair Styling Mousses Product Picture and Specifications of Avon

Table Hair Styling Mousses Production, Price, Revenue and Gross Margin of 2018-2020

Figure Avon Hair Styling Mousses Market Share (2018-2020)

**Table Avon Main Business** 

Table Avon Recent Development

Table Unilever Company Profile

Figure Hair Styling Mousses Product Picture and Specifications of Unilever Table Hair Styling Mousses Production, Price, Revenue and Gross Margin of



2018-2020

Figure Unilever Hair Styling Mousses Market Share (2018-2020)

**Table Unilever Main Business** 

Table Unilever Recent Development

Table Johnson & Johnson Company Profile

Figure Hair Styling Mousses Product Picture and Specifications of Johnson & Johnson

Table Hair Styling Mousses Production, Price, Revenue and Gross Margin of 2018-2020

Figure Johnson & Johnson Hair Styling Mousses Market Share (2018-2020)

Table Johnson & Johnson Main Business

Table Johnson & Johnson Recent Development

Table Shiseido Company Profile

Figure Hair Styling Mousses Product Picture and Specifications of Shiseido

Table Hair Styling Mousses Production, Price, Revenue and Gross Margin of 2018-2020

Figure Shiseido Hair Styling Mousses Market Share (2018-2020)

Table Shiseido Main Business

Table Shiseido Recent Development

Table World Hair Cosmetics Company Profile

Figure Hair Styling Mousses Product Picture and Specifications of World Hair Cosmetics

Table Hair Styling Mousses Production, Price, Revenue and Gross Margin of 2018-2020

Figure World Hair Cosmetics Hair Styling Mousses Market Share (2018-2020)

Table World Hair Cosmetics Main Business

Table World Hair Cosmetics Recent Development

Table of Appendix



#### I would like to order

Product name: Global Hair Styling Mousses Industry Research Report 2020, Forecast to 2025

Product link: https://marketpublishers.com/r/G3311843A07DEN.html

Price: US\$ 2,560.00 (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 <a href="https://marketpublishers.com/r/G3311843A07DEN.html">https://marketpublishers.com/r/G3311843A07DEN.html</a>

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 <a href="https://marketpublishers.com/docs/terms.html">https://marketpublishers.com/docs/terms.html</a>

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