

Global Anti-snoring Devices Market Research Report 2016-2026

<https://marketpublishers.com/r/GDD81BD94C72EN.html>

Date: November 2021

Pages: 75

Price: US\$ 1,800.00 (Single User License)

ID: GDD81BD94C72EN

Abstracts

SUMMARY

The global Anti-snoring Devices market will reach xxx Million USD in 2021 with CAGR xx% 2021-2026. The objective of report is to define, segment, and project the market on the basis of product type, application, and region, and to describe the content about the factors influencing market dynamics, policy, economic, technology and market entry etc.

Based on products type, the report describes major products type share of regional market. Products mentioned as follows:

Ventilator Type

Silicone Utensils Type

Electronic Biological Type

Leading vendors in the market are included based on profile, business performance etc. Vendors mentioned as follows:

Oscimed

Zquiet

ADL Resources

PureSleep

Omnisleep

Aveo TSD

Zyppah

SnoreMeds

SnoreDoc

NOSnores

Hivox Biotek

Medsuyun

Syntech

Based on Application, the report describes major application share of regional market. Application mentioned as follows:

Primary Snoring Application

Obstructive Respiratory Disease Application

Others

Based on region, the report describes major regions market by products and application. Regions mentioned as follows:

Asia-Pacific

North America

Europe

South America

Middle East & Africa

Contents

1 MARKET OVERVIEW

1.1 Objectives of Research

1.1.1 Definition

Figure Anti-snoring Devices Picture

1.1.2 Specifications

Table Product Specifications of Anti-snoring Devices

1.2 Market Segment

1.2.1 by Type

Table Products Segment of Anti-snoring Devices

Table Global Anti-snoring Devices Market by Type, 2016-2026 (USD Million)

1.2.1.1 Ventilator Type

Table Ventilator Type Overview

1.2.1.2 Silicone Utensils Type

Table Silicone Utensils Type Overview

1.2.1.3 Electronic Biological Type

Table Electronic Biological Type Overview

1.2.2 by Application

Table Application Segment of Anti-snoring Devices

Table Global Anti-snoring Devices Market by Application, 2016-2026 (USD Million)

1.2.2.1 Primary Snoring Application

Table Primary Snoring Application Overview

1.2.2.2 Obstructive Respiratory Disease Application

Table Obstructive Respiratory Disease Application Overview

1.2.2.3 Others

Table Others Overview

1.2.3 by Regions

Table Global Anti-snoring Devices Market by Region, 2016-2026 (USD Million)

2 INDUSTRY CHAIN

2.1 Industry Chain Structure

Figure Industry Chain Structure of Anti-snoring Devices

2.2 Upstream

Table Cost of Anti-snoring Devices

Figure Manufacturing Process of Anti-snoring Devices

2.3 Market

2.3.1 SWOT

Figure SWOT of Anti-snoring Devices

2.3.2 Dynamics

Table Market Dynamics

3 ENVIRONMENTAL ANALYSIS

3.1 Policy

Table Policy of Anti-snoring Devices

3.2 Economic

Table GDP of Major Countries

3.3 Technology

Table Technology of Anti-snoring Devices

3.4 Market Entry

Table Market Entry of Anti-snoring Devices

4 MARKET SEGMENTATION BY TYPE

4.1 Market Size

4.1.1 Ventilator Type Market, 2016-2020

Figure Ventilator Type Market Size and Growth, 2016-2020 (USD Million)

Figure Ventilator Type Market Size and Growth, 2016-2020 (in Volume)

Table Ventilator Type CAGR by Revenue and Volume, 2016-2020

4.1.2 Silicone Utensils Type Market, 2016-2020

Figure Silicone Utensils Type Market Size and Growth, 2016-2020 (USD Million)

Figure Silicone Utensils Type Market Size and Growth, 2016-2020 (in Volume)

Table Silicone Utensils Type CAGR by Revenue and Volume, 2016-2020

4.1.3 Electronic Biological Type Market, 2016-2020

Figure Electronic Biological Type Market Size and Growth, 2016-2020 (USD Million)

Figure Electronic Biological Type Market Size and Growth, 2016-2020 (in Volume)

Table Electronic Biological Type CAGR by Revenue and Volume, 2016-2020

4.2 Market Forecast

4.2.1 Ventilator Type Market Forecast, 2021-2026

Figure Ventilator Type Market Estimates and Forecasts, 2021-2026 (USD Million)

Figure Ventilator Type Market Estimates and Forecasts, 2021-2026 (in Volume)

Table Ventilator Type CAGR by Revenue and Volume, 2016-2026

4.2.2 Silicone Utensils Type Market Forecast, 2021-2026

Figure Silicone Utensils Type Market Estimates and Forecasts, 2021-2026 (USD Million)

Figure Silicone Utensils Type Market Estimates and Forecasts, 2021-2026 (in Volume)

Table Silicone Utensils Type CAGR by Revenue and Volume, 2016-2026

4.2.3 Electronic Biological Type Market Forecast, 2021-2026

Figure Electronic Biological Type Market Estimates and Forecasts, 2021-2026 (USD Million)

Figure Electronic Biological Type Market Estimates and Forecasts, 2021-2026 (in Volume)

Table Electronic Biological Type CAGR by Revenue and Volume, 2016-2026

5 MARKET SEGMENTATION BY APPLICATION

5.1 Market Size

5.1.1 Primary Snoring Application Market, 2016-2020

Figure Primary Snoring Application Market Size and Growth, 2016-2020 (USD Million)

Figure Market Size and Growth, 2016-2020 (in Volume)

Table Primary Snoring Application CAGR by Revenue and Volume, 2016-2020

5.1.2 Obstructive Respiratory Disease Application Market, 2016-2020

Figure Obstructive Respiratory Disease Application Market Size and Growth, 2016-2020 (USD Million)

Figure Market Size and Growth, 2016-2020 (in Volume)

Table Obstructive Respiratory Disease Application CAGR by Revenue and Volume, 2016-2020

5.1.3 Others Market, 2016-2020

Figure Others Market Size and Growth, 2016-2020 (USD Million)

Figure Market Size and Growth, 2016-2020 (in Volume)

Table Others CAGR by Revenue and Volume, 2016-2020

5.2 Market Forecast

5.2.1 Primary Snoring Application Market Forecast, 2021-2026

Figure Primary Snoring Application Market Estimates and Forecasts, 2021-2026 (USD Million)

Figure Primary Snoring Application Market Estimates and Forecasts, 2021-2026 (in Volume)

Table Primary Snoring Application CAGR by Revenue and Volume, 2021-2026

5.2.2 Obstructive Respiratory Disease Application Market Forecast, 2021-2026

Figure Obstructive Respiratory Disease Application Market Estimates and Forecasts, 2021-2026 (USD Million)

Figure Obstructive Respiratory Disease Application Market Estimates and Forecasts, 2021-2026 (in Volume)

Table Obstructive Respiratory Disease Application CAGR by Revenue and Volume,

2021-2026

5.2.3 Others Market Forecast, 2021-2026

Figure Others Market Estimates and Forecasts, 2021-2026 (USD Million)

Figure Others Market Estimates and Forecasts, 2021-2026 (in Volume)

Table Others CAGR by Revenue and Volume, 2021-2026

6 MARKET SEGMENTATION BY REGION

6.1 Market Size

6.1.1 Asia-Pacific

6.1.1.1 Asia-Pacific Market, 2016-2020

Figure Asia-Pacific Market Size and Growth, 2016-2020 (USD Million)

Figure Asia-Pacific Market Size and Growth, 2016-2020 (in Volume)

Table Asia-Pacific CAGR by Revenue and Volume, 2016-2020

6.1.1.2 Asia-Pacific Market by Type

Figure Asia-Pacific Market Size by Type

Figure Asia-Pacific Market Share by Type

6.1.1.3 Asia-Pacific Market by Application

Figure Asia-Pacific Market Size by Application

Figure Asia-Pacific Market Share by Application

6.1.2 North America

6.1.2.1 North America Market, 2016-2020

Figure North America Market Size and Growth, 2016-2020 (USD Million)

Figure North America Market Size and Growth, 2016-2020 (in Volume)

Table North America CAGR by Revenue and Volume, 2016-2020

6.1.2.2 North America Market by Type

Figure North America Market Size by Type

Figure North America Market Share by Type

6.1.2.3 North America Market by Application

Figure North America Market Size by Application

Figure North America Market Share by Application

6.1.3 Europe

6.1.3.1 Europe Market, 2016-2020

Figure Europe Market Size and Growth, 2016-2020 (USD Million)

Figure Europe Market Size and Growth, 2016-2020 (in Volume)

Table Europe CAGR by Revenue and Volume, 2016-2020

6.1.3.2 Europe Market by Type

Figure Europe Market Size by Type

Figure Europe Market Share by Type

6.1.3.3 Europe Market by Application

Figure Europe Market Size by Application

Figure Europe Market Share by Application

6.1.4 South America

6.1.4.1 South America Market, 2016-2020

Figure South America Market Size and Growth, 2016-2020 (USD Million)

Figure South America Market Size and Growth, 2016-2020 (in Volume)

Table South America CAGR by Revenue and Volume, 2016-2020

6.1.4.2 South America Market by Type

Figure South America Market Size by Type

Figure South America Market Share by Type

6.1.4.3 South America Market by Application

Figure South America Market Size by Application

Figure South America Market Share by Application

6.1.5 Middle East & Africa

6.1.5.1 Middle East & Africa Market, 2016-2020

Figure Middle East & Africa Market Size and Growth, 2016-2020 (USD Million)

Figure Middle East & Africa Market Size and Growth, 2016-2020 (in Volume)

Table Middle East & Africa CAGR by Revenue and Volume, 2016-2020

6.1.5.2 Middle East & Africa Market by Type

Figure Middle East & Africa Market Size by Type

Figure Middle East & Africa Market Share by Type

6.1.5.3 Middle East & Africa Market by Application

Figure Middle East & Africa Market Size by Application

Figure Middle East & Africa Market Share by Application

6.2 Market Forecast

6.2.1 Asia-Pacific Market Forecast, 2021-2026

Figure Asia-Pacific Market Estimates and Forecasts, 2021-2026 (USD Million)

Figure Asia-Pacific Market Estimates and Forecasts, 2021-2026 (in Volume)

Table Asia-Pacific CAGR by Revenue and Volume, 2021-2026

6.2.2 North America Market Forecast, 2021-2026

Figure North America Market Estimates and Forecasts, 2021-2026 (USD Million)

Figure North America Market Estimates and Forecasts, 2021-2026 (in Volume)

Table North America CAGR by Revenue and Volume, 2021-2026

6.2.3 Europe Market Forecast, 2021-2026

Figure Europe Market Estimates and Forecasts, 2021-2026 (USD Million)

Figure Europe Market Estimates and Forecasts, 2021-2026 (in Volume)

Table Europe CAGR by Revenue and Volume, 2021-2026

6.2.4 South America Market Forecast, 2021-2026

Figure South America Market Estimates and Forecasts, 2021-2026 (USD Million)

Figure South America Market Estimates and Forecasts, 2021-2026 (in Volume)

Table South America CAGR by Revenue and Volume, 2021-2026

6.2.5 Middle East & Africa Market Forecast, 2021-2026

Figure Middle East & Africa Market Estimates and Forecasts, 2021-2026 (USD Million)

Figure Middle East & Africa Market Estimates and Forecasts, 2021-2026 (in Volume)

Table Middle East & Africa CAGR by Revenue and Volume, 2021-2026

7 MARKET COMPETITIVE

7.1 Global Market by Vendors

Table Global Anti-snoring Devices Market by Vendors, 2016-2020 (in Volume)

Table Global Anti-snoring Devices Market Share by Vendors, 2016-2020 (USD Million)

Table Global Anti-snoring Devices Market Share by Vendors, 2016-2020 (in Volume)

7.2 Market Concentration

Figure Anti-snoring Devices Market Concentration by Region

7.3 Price & Factors

Table Price Factors List

7.4 Marketing Channel

Figure Marketing Channels Overview

8 MAJOR VENDORS

8.1 Oscimed

Table Oscimed Profile List

Table Microecological Modulator Operating Data of Oscimed (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

8.2 Zquiet

Table Zquiet Profile List

Table Microecological Modulator Operating Data of Zquiet (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

8.3 ADL Resources

Table ADL Resources Profile List

Table Microecological Modulator Operating Data of ADL Resources (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

8.4 PureSleep

Table PureSleep Profile List

Table Microecological Modulator Operating Data of PureSleep (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

8.5 Omnisleep

Table Omnisleep Profile List

Table Microecological Modulator Operating Data of Omnisleep (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

8.6 Aveo TSD

Table Aveo TSD Profile List

Table Microecological Modulator Operating Data of Aveo TSD (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

8.7 Zyppah

Table Zyppah Profile List

Table Microecological Modulator Operating Data of Zyppah (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

8.8 SnoreMeds

Table SnoreMeds Profile List

Table Microecological Modulator Operating Data of SnoreMeds (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

8.9 SnoreDoc

Table SnoreDoc Profile List

Table Microecological Modulator Operating Data of SnoreDoc (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

8.10 NOSnores

Table NOSnores Profile List

Table Microecological Modulator Operating Data of NOSnores (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

8.11 Hivox Biotek

Table Hivox Biotek Profile List

Table Microecological Modulator Operating Data of Hivox Biotek (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

8.12 Medsuyun

Table Medsuyun Profile List

Table Microecological Modulator Operating Data of Medsuyun (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

8.13 Syntech

Table Syntech Profile List

Table Microecological Modulator Operating Data of Syntech (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

9 CONCLUSION

List Of Tables

LIST OF TABLES

Table Product Specifications of Anti-snoring Devices
Table Products Segment of Anti-snoring Devices
Table Global Anti-snoring Devices Market by Type, 2016-2026 (USD Million)
Table Ventilator Type Overview
Table Silicone Utensils Type Overview
Table Electronic Biological Type Overview
Table Application Segment of Anti-snoring Devices
Table Global Anti-snoring Devices Market by Application, 2016-2026 (USD Million)
Table Primary Snoring Application Overview
Table Obstructive Respiratory Disease Application Overview
Table Others Overview
Table Global Anti-snoring Devices Market by Region, 2016-2026 (USD Million)
Table Cost of Anti-snoring Devices
Table Market Dynamics
Table Policy of Anti-snoring Devices
Table GDP of Major Countries
Table Technology of Anti-snoring Devices
Table Market Entry of Anti-snoring Devices
Table Ventilator Type CAGR by Revenue and Volume, 2016-2020
Table Silicone Utensils Type CAGR by Revenue and Volume, 2016-2020
Table Electronic Biological Type CAGR by Revenue and Volume, 2016-2020
Table Ventilator Type CAGR by Revenue and Volume, 2016-2026
Table Silicone Utensils Type CAGR by Revenue and Volume, 2016-2026
Table Electronic Biological Type CAGR by Revenue and Volume, 2016-2026
Table Primary Snoring Application CAGR by Revenue and Volume, 2016-2020
Table Obstructive Respiratory Disease Application CAGR by Revenue and Volume, 2016-2020
Table Others CAGR by Revenue and Volume, 2016-2020
Table Primary Snoring Application CAGR by Revenue and Volume, 2021-2026
Table Obstructive Respiratory Disease Application CAGR by Revenue and Volume, 2021-2026
Table Others CAGR by Revenue and Volume, 2021-2026
Table Asia-Pacific CAGR by Revenue and Volume, 2016-2020
Table North America CAGR by Revenue and Volume, 2016-2020
Table Europe CAGR by Revenue and Volume, 2016-2020

Table South America CAGR by Revenue and Volume, 2016-2020
Table Middle East & Africa CAGR by Revenue and Volume, 2016-2020
Table Asia-Pacific CAGR by Revenue and Volume, 2021-2026
Table North America CAGR by Revenue and Volume, 2021-2026
Table Europe CAGR by Revenue and Volume, 2021-2026
Table South America CAGR by Revenue and Volume, 2021-2026
Table Middle East & Africa CAGR by Revenue and Volume, 2021-2026
Table Global Anti-snoring Devices Market by Vendors, 2016-2020 (in Volume)
Table Global Anti-snoring Devices Market Share by Vendors, 2016-2020 (USD Million)
Table Global Anti-snoring Devices Market Share by Vendors, 2016-2020 (in Volume)
Table Price Factors List
Table Oscimed Profile List
Table Microecological Modulator Operating Data of Oscimed (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)
Table Zquiet Profile List
Table Microecological Modulator Operating Data of Zquiet (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)
Table ADL Resources Profile List
Table Microecological Modulator Operating Data of ADL Resources (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)
Table PureSleep Profile List
Table Microecological Modulator Operating Data of PureSleep (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)
Table Omnisleep Profile List
Table Microecological Modulator Operating Data of Omnisleep (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)
Table Aveo TSD Profile List
Table Microecological Modulator Operating Data of Aveo TSD (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)
Table Zyppah Profile List
Table Microecological Modulator Operating Data of Zyppah (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)
Table SnoreMeds Profile List
Table Microecological Modulator Operating Data of SnoreMeds (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)
Table SnoreDoc Profile List
Table Microecological Modulator Operating Data of SnoreDoc (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)
Table NOSnores Profile List

Table Microecological Modulator Operating Data of NOSnores (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table Hivox Biotek Profile List

Table Microecological Modulator Operating Data of Hivox Biotek (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table Medsuyun Profile List

Table Microecological Modulator Operating Data of Medsuyun (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table Syntech Profile List

Table Microecological Modulator Operating Data of Syntech (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

List Of Figures

LIST OF FIGURES

Figure Anti-snoring Devices Picture

Figure Industry Chain Structure of Anti-snoring Devices

Figure Manufacturing Process of Anti-snoring Devices

Figure SWOT of Anti-snoring Devices

Figure Ventilator Type Market Size and Growth, 2016-2020 (USD Million)

Figure Ventilator Type Market Size and Growth, 2016-2020 (in Volume)

Figure Silicone Utensils Type Market Size and Growth, 2016-2020 (USD Million)

Figure Silicone Utensils Type Market Size and Growth, 2016-2020 (in Volume)

Figure Electronic Biological Type Market Size and Growth, 2016-2020 (USD Million)

Figure Electronic Biological Type Market Size and Growth, 2016-2020 (in Volume)

Figure Ventilator Type Market Estimates and Forecasts, 2021-2026 (USD Million)

Figure Ventilator Type Market Estimates and Forecasts, 2021-2026 (in Volume)

Figure Silicone Utensils Type Market Estimates and Forecasts, 2021-2026 (USD Million)

Figure Silicone Utensils Type Market Estimates and Forecasts, 2021-2026 (in Volume)

Figure Electronic Biological Type Market Estimates and Forecasts, 2021-2026 (USD Million)

Figure Electronic Biological Type Market Estimates and Forecasts, 2021-2026 (in Volume)

Figure Primary Snoring Application Market Size and Growth, 2016-2020 (USD Million)

Figure Market Size and Growth, 2016-2020 (in Volume)

Figure Obstructive Respiratory Disease Application Market Size and Growth, 2016-2020 (USD Million)

Figure Market Size and Growth, 2016-2020 (in Volume)

Figure Others Market Size and Growth, 2016-2020 (USD Million)

Figure Market Size and Growth, 2016-2020 (in Volume)

Figure Primary Snoring Application Market Estimates and Forecasts, 2021-2026 (USD Million)

Figure Primary Snoring Application Market Estimates and Forecasts, 2021-2026 (in Volume)

Figure Obstructive Respiratory Disease Application Market Estimates and Forecasts, 2021-2026 (USD Million)

Figure Obstructive Respiratory Disease Application Market Estimates and Forecasts, 2021-2026 (in Volume)

Figure Others Market Estimates and Forecasts, 2021-2026 (USD Million)

Figure Others Market Estimates and Forecasts, 2021-2026 (in Volume)
Figure Asia-Pacific Market Size and Growth, 2016-2020 (USD Million)
Figure Asia-Pacific Market Size and Growth, 2016-2020 (in Volume)
Figure Asia-Pacific Market Size by Type
Figure Asia-Pacific Market Share by Type
Figure Asia-Pacific Market Size by Application
Figure Asia-Pacific Market Share by Application
Figure North America Market Size and Growth, 2016-2020 (USD Million)
Figure North America Market Size and Growth, 2016-2020 (in Volume)
Figure North America Market Size by Type
Figure North America Market Share by Type
Figure North America Market Size by Application
Figure North America Market Share by Application
Figure Europe Market Size and Growth, 2016-2020 (USD Million)
Figure Europe Market Size and Growth, 2016-2020 (in Volume)
Figure Europe Market Size by Type
Figure Europe Market Share by Type
Figure Europe Market Size by Application
Figure Europe Market Share by Application
Figure South America Market Size and Growth, 2016-2020 (USD Million)
Figure South America Market Size and Growth, 2016-2020 (in Volume)
Figure South America Market Size by Type
Figure South America Market Share by Type
Figure South America Market Size by Application
Figure South America Market Share by Application
Figure Middle East & Africa Market Size and Growth, 2016-2020 (USD Million)
Figure Middle East & Africa Market Size and Growth, 2016-2020 (in Volume)
Figure Middle East & Africa Market Size by Type
Figure Middle East & Africa Market Share by Type
Figure Middle East & Africa Market Size by Application
Figure Middle East & Africa Market Share by Application
Figure Asia-Pacific Market Estimates and Forecasts, 2021-2026 (USD Million)
Figure Asia-Pacific Market Estimates and Forecasts, 2021-2026 (in Volume)
Figure North America Market Estimates and Forecasts, 2021-2026 (USD Million)
Figure North America Market Estimates and Forecasts, 2021-2026 (in Volume)
Figure Europe Market Estimates and Forecasts, 2021-2026 (USD Million)
Figure Europe Market Estimates and Forecasts, 2021-2026 (in Volume)
Figure South America Market Estimates and Forecasts, 2021-2026 (USD Million)
Figure South America Market Estimates and Forecasts, 2021-2026 (in Volume)

Figure Middle East & Africa Market Estimates and Forecasts, 2021-2026 (USD Million)

Figure Middle East & Africa Market Estimates and Forecasts, 2021-2026 (in Volume)

Figure Anti-snoring Devices Market Concentration by Region

Figure Marketing Channels Overview

I would like to order

Product name: Global Anti-snoring Devices Market Research Report 2016-2026

Product link: <https://marketpublishers.com/r/GDD81BD94C72EN.html>

Price: US\$ 1,800.00 (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/GDD81BD94C72EN.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