

# Global Automotive Green Tires Market Research Report 2016-2026

<https://marketpublishers.com/r/GEA63C497A40EN.html>

Date: November 2021

Pages: 92

Price: US\$ 1,810.00 (Single User License)

ID: GEA63C497A40EN

## Abstracts

### SUMMARY

The global Automotive Green Tires 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:

Bias Tire

Radial Tire

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

Bridgestone

Goodyear

Michelin

Continental

Pirelli

Hankook

Sumitomo

Yokohama Rubber

Maxxis

Apollo Tyres

Toyo Tire & Rubber

Kumho Tire

Cooper Tire

Triangle Group

GITI Tire

Zhongce

Nokian Tyres

Nexen Tire

Hengfeng Rubber

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

Passenger Cars

Commercial Vehicles

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 Automotive Green Tires Picture

##### 1.1.2 Specifications

Table Product Specifications of Automotive Green Tires

#### 1.2 Market Segment

##### 1.2.1 by Type

Table Products Segment of Automotive Green Tires

Table Global Automotive Green Tires Market by Type, 2016-2026 (USD Million)

##### 1.2.1.1 Bias Tire

Table Bias Tire Overview

##### 1.2.1.2 Radial Tire

Table Radial Tire Overview

##### 1.2.2 by Application

Table Application Segment of Automotive Green Tires

Table Global Automotive Green Tires Market by Application, 2016-2026 (USD Million)

##### 1.2.2.1 Passenger Cars

Table Passenger Cars Overview

##### 1.2.2.2 Commercial Vehicles

Table Commercial Vehicles Overview

##### 1.2.3 by Regions

Table Global Automotive Green Tires Market by Region, 2016-2026 (USD Million)

### 2 INDUSTRY CHAIN

#### 2.1 Industry Chain Structure

Figure Industry Chain Structure of Automotive Green Tires

#### 2.2 Upstream

Table Cost of Automotive Green Tires

Figure Manufacturing Process of Automotive Green Tires

#### 2.3 Market

##### 2.3.1 SWOT

Figure SWOT of Automotive Green Tires

##### 2.3.2 Dynamics

Table Market Dynamics

### **3 ENVIRONMENTAL ANALYSIS**

#### 3.1 Policy

Table Policy of Automotive Green Tires

#### 3.2 Economic

Table GDP of Major Countries

#### 3.3 Technology

Table Technology of Automotive Green Tires

#### 3.4 Market Entry

Table Market Entry of Automotive Green Tires

### **4 MARKET SEGMENTATION BY TYPE**

#### 4.1 Market Size

##### 4.1.1 Bias Tire Market, 2016-2020

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

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

Table Bias Tire CAGR by Revenue and Volume, 2016-2020

##### 4.1.2 Radial Tire Market, 2016-2020

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

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

Table Radial Tire CAGR by Revenue and Volume, 2016-2020

#### 4.2 Market Forecast

##### 4.2.1 Bias Tire Market Forecast, 2021-2026

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

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

Table Bias Tire CAGR by Revenue and Volume, 2016-2026

##### 4.2.2 Radial Tire Market Forecast, 2021-2026

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

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

Table Radial Tire CAGR by Revenue and Volume, 2016-2026

### **5 MARKET SEGMENTATION BY APPLICATION**

#### 5.1 Market Size

##### 5.1.1 Passenger Cars Market, 2016-2020

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

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

Table Passenger Cars CAGR by Revenue and Volume, 2016-2020

5.1.2 Commercial Vehicles Market, 2016-2020

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

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

Table Commercial Vehicles CAGR by Revenue and Volume, 2016-2020

5.2 Market Forecast

5.2.1 Passenger Cars Market Forecast, 2021-2026

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

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

Table Passenger Cars CAGR by Revenue and Volume, 2021-2026

5.2.2 Commercial Vehicles Market Forecast, 2021-2026

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

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

Table Commercial Vehicles 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 Automotive Green Tires Market by Vendors, 2016-2020 (in Volume)

Table Global Automotive Green Tires Market Share by Vendors, 2016-2020 (USD Million)

Table Global Automotive Green Tires Market Share by Vendors, 2016-2020 (in Volume)

### 7.2 Market Concentration

Figure Automotive Green Tires 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 Bridgestone

Table Bridgestone Profile List

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

### 8.2 Goodyear

Table Goodyear Profile List



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

### 8.3 Michelin

Table Michelin Profile List

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

### 8.4 Continental

Table Continental Profile List

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

### 8.5 Pirelli

Table Pirelli Profile List

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

### 8.6 Hankook

Table Hankook Profile List

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

### 8.7 Sumitomo

Table Sumitomo Profile List

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

### 8.8 Yokohama Rubber

Table Yokohama Rubber Profile List

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

### 8.9 Maxxis

Table Maxxis Profile List

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

### 8.10 Apollo Tyres

Table Apollo Tyres Profile List

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

### 8.11 Toyo Tire & Rubber

Table Toyo Tire & Rubber Profile List

Table Microecological Modulator Operating Data of Toyo Tire & Rubber (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

### 8.12 Kumho Tire

Table Kumho Tire Profile List

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

8.13 Cooper Tire

Table Cooper Tire Profile List

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

8.14 Triangle Group

Table Triangle Group Profile List

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

8.15 GITI Tire

Table GITI Tire Profile List

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

8.16 Zhongce

Table Zhongce Profile List

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

8.17 Nokian Tyres

Table Nokian Tyres Profile List

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

8.18 Nexen Tire

Table Nexen Tire Profile List

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

8.19 Hengfeng Rubber

Table Hengfeng Rubber Profile List

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

## **9 CONCLUSION**

## List Of Tables

### LIST OF TABLES

Table Product Specifications of Automotive Green Tires
Table Products Segment of Automotive Green Tires
Table Global Automotive Green Tires Market by Type, 2016-2026 (USD Million)
Table Bias Tire Overview
Table Radial Tire Overview
Table Application Segment of Automotive Green Tires
Table Global Automotive Green Tires Market by Application, 2016-2026 (USD Million)
Table Passenger Cars Overview
Table Commercial Vehicles Overview
Table Global Automotive Green Tires Market by Region, 2016-2026 (USD Million)
Table Cost of Automotive Green Tires
Table Market Dynamics
Table Policy of Automotive Green Tires
Table GDP of Major Countries
Table Technology of Automotive Green Tires
Table Market Entry of Automotive Green Tires
Table Bias Tire CAGR by Revenue and Volume, 2016-2020
Table Radial Tire CAGR by Revenue and Volume, 2016-2020
Table Bias Tire CAGR by Revenue and Volume, 2016-2026
Table Radial Tire CAGR by Revenue and Volume, 2016-2026
Table Passenger Cars CAGR by Revenue and Volume, 2016-2020
Table Commercial Vehicles CAGR by Revenue and Volume, 2016-2020
Table Passenger Cars CAGR by Revenue and Volume, 2021-2026
Table Commercial Vehicles 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 Automotive Green Tires Market by Vendors, 2016-2020 (in Volume)

Table Global Automotive Green Tires Market Share by Vendors, 2016-2020 (USD Million)

Table Global Automotive Green Tires Market Share by Vendors, 2016-2020 (in Volume)

Table Price Factors List

Table Bridgestone Profile List

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

Table Goodyear Profile List

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

Table Michelin Profile List

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

Table Continental Profile List

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

Table Pirelli Profile List

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

Table Hankook Profile List

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

Table Sumitomo Profile List

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

Table Yokohama Rubber Profile List

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

Table Maxxis Profile List

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

Table Apollo Tyres Profile List

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

Table Toyo Tire & Rubber Profile List

Table Microecological Modulator Operating Data of Toyo Tire & Rubber (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table Kumho Tire Profile List

Table Microecological Modulator Operating Data of Kumho Tire (Sales Revenue, Sales

Volume, Price, Cost, Gross Margin)

Table Cooper Tire Profile List

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

Table Triangle Group Profile List

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

Table GITI Tire Profile List

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

Table Zhongce Profile List

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

Table Nokian Tyres Profile List

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

Table Nexen Tire Profile List

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

Table Hengfeng Rubber Profile List

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

## List Of Figures

### LIST OF FIGURES

Figure Automotive Green Tires Picture

Figure Industry Chain Structure of Automotive Green Tires

Figure Manufacturing Process of Automotive Green Tires

Figure SWOT of Automotive Green Tires

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Figure Commercial Vehicles 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 Automotive Green Tires Market Concentration by Region

Figure Marketing Channels Overview

## I would like to order

Product name: Global Automotive Green Tires Market Research Report 2016-2026

Product link: <https://marketpublishers.com/r/GEA63C497A40EN.html>

Price: US\$ 1,810.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/GEA63C497A40EN.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