

# Global Membrane Bioreactor Sales Market Report 2016

<https://marketpublishers.com/r/G66A9A53F1EEN.html>

Date: December 2016

Pages: 100

Price: US\$ 4,000.00 (Single User License)

ID: G66A9A53F1EEN

## Abstracts

### Notes:

Sales, means the sales volume of Membrane Bioreactor

Revenue, means the sales value of Membrane Bioreactor

This report studies sales (consumption) of Membrane Bioreactor in Global market, especially in United States, China, Europe, Japan, focuses on top players in these regions/countries, with sales, price, revenue and market share for each player in these regions, covering

GE Water

Toray

Asahi Kasei Chemicals

Koch Membrane System

Kubota

Mitsubishi Rayon

Evoqua

Pall

Triqua International

ADI Systems

Alfa Laval

Aquabrane

Smith & Loveless

Groupe Novasep

Beijing Origin water Technology

Litree

Tianjin Motimo

Market Segment by Regions, this report splits Global into several key Regions, with sales (consumption), revenue, market share and growth rate of Membrane Bioreactor in these regions, from 2011 to 2021 (forecast), like

United States

China

Europe

Japan

Split by product Types, with sales, revenue, price and gross margin, market share and growth rate of each type, can be divided into

Type I

Type II

## Type III

Split by applications, this report focuses on sales, market share and growth rate of Membrane Bioreactor in each application, can be divided into

Application 1

Application 2

Application 3

## Contents

### Global Membrane Bioreactor Sales Market Report 2016

#### **1 MEMBRANE BIOREACTOR OVERVIEW**

- 1.1 Product Overview and Scope of Membrane Bioreactor
- 1.2 Classification of Membrane Bioreactor
  - 1.2.1 Type I
  - 1.2.2 Type II
  - 1.2.3 Type III
- 1.3 Application of Membrane Bioreactor
  - 1.3.1 Application
  - 1.3.2 Application
  - 1.3.3 Application
- 1.4 Membrane Bioreactor Market by Regions
  - 1.4.1 United States Status and Prospect (2011-2021)
  - 1.4.2 China Status and Prospect (2011-2021)
  - 1.4.3 Europe Status and Prospect (2011-2021)
  - 1.4.4 Japan Status and Prospect (2011-2021)
- 1.5 Global Market Size (Value and Volume) of Membrane Bioreactor (2011-2021)
  - 1.5.1 Global Membrane Bioreactor Sales and Growth Rate (2011-2021)
  - 1.5.2 Global Membrane Bioreactor Revenue and Growth Rate (2011-2021)

#### **2 GLOBAL MEMBRANE BIOREACTOR COMPETITION BY MANUFACTURERS, TYPE AND APPLICATION**

- 2.1 Global Membrane Bioreactor Market Competition by Manufacturers
  - 2.1.1 Global Membrane Bioreactor Sales and Market Share of Key Manufacturers (2011-2016)
  - 2.1.2 Global Membrane Bioreactor Revenue and Share by Manufacturers (2011-2016)
- 2.2 Global Membrane Bioreactor (Volume and Value) by Type
  - 2.2.1 Global Membrane Bioreactor Sales and Market Share by Type (2011-2016)
  - 2.2.2 Global Membrane Bioreactor Revenue and Market Share by Type (2011-2016)
- 2.3 Global Membrane Bioreactor (Volume and Value) by Regions
  - 2.3.1 Global Membrane Bioreactor Sales and Market Share by Regions (2011-2016)
  - 2.3.2 Global Membrane Bioreactor Revenue and Market Share by Regions (2011-2016)
- 2.4 Global Membrane Bioreactor (Volume) by Application

### **3 UNITED STATES MEMBRANE BIOREACTOR (VOLUME, VALUE AND SALES PRICE)**

- 3.1 United States Membrane Bioreactor Sales and Value (2011-2016)
  - 3.1.1 United States Membrane Bioreactor Sales and Growth Rate (2011-2016)
  - 3.1.2 United States Membrane Bioreactor Revenue and Growth Rate (2011-2016)
  - 3.1.3 United States Membrane Bioreactor Sales Price Trend (2011-2016)
- 3.2 United States Membrane Bioreactor Sales and Market Share by Manufacturers
- 3.3 United States Membrane Bioreactor Sales and Market Share by Type
- 3.4 United States Membrane Bioreactor Sales and Market Share by Application

### **4 CHINA MEMBRANE BIOREACTOR (VOLUME, VALUE AND SALES PRICE)**

- 4.1 China Membrane Bioreactor Sales and Value (2011-2016)
  - 4.1.1 China Membrane Bioreactor Sales and Growth Rate (2011-2016)
  - 4.1.2 China Membrane Bioreactor Revenue and Growth Rate (2011-2016)
  - 4.1.3 China Membrane Bioreactor Sales Price Trend (2011-2016)
- 4.2 China Membrane Bioreactor Sales and Market Share by Manufacturers
- 4.3 China Membrane Bioreactor Sales and Market Share by Type
- 4.4 China Membrane Bioreactor Sales and Market Share by Application

### **5 EUROPE MEMBRANE BIOREACTOR (VOLUME, VALUE AND SALES PRICE)**

- 5.1 Europe Membrane Bioreactor Sales and Value (2011-2016)
  - 5.1.1 Europe Membrane Bioreactor Sales and Growth Rate (2011-2016)
  - 5.1.2 Europe Membrane Bioreactor Revenue and Growth Rate (2011-2016)
  - 5.1.3 Europe Membrane Bioreactor Sales Price Trend (2011-2016)
- 5.2 Europe Membrane Bioreactor Sales and Market Share by Manufacturers
- 5.3 Europe Membrane Bioreactor Sales and Market Share by Type
- 5.4 Europe Membrane Bioreactor Sales and Market Share by Application

### **6 JAPAN MEMBRANE BIOREACTOR (VOLUME, VALUE AND SALES PRICE)**

- 6.1 Japan Membrane Bioreactor Sales and Value (2011-2016)
  - 6.1.1 Japan Membrane Bioreactor Sales and Growth Rate (2011-2016)
  - 6.1.2 Japan Membrane Bioreactor Revenue and Growth Rate (2011-2016)
  - 6.1.3 Japan Membrane Bioreactor Sales Price Trend (2011-2016)
- 6.2 Japan Membrane Bioreactor Sales and Market Share by Manufacturers

6.3 Japan Membrane Bioreactor Sales and Market Share by Type

6.4 Japan Membrane Bioreactor Sales and Market Share by Application

## **7 GLOBAL MEMBRANE BIOREACTOR MANUFACTURERS ANALYSIS**

7.1 GE Water

7.1.1 Company Basic Information, Manufacturing Base and Competitors

7.1.2 Membrane Bioreactor Product Type, Application and Specification

7.1.2.1 Type I

7.1.2.2 Type II

7.1.3 GE Water Membrane Bioreactor Sales, Revenue, Price and Gross Margin (2011-2016)

7.1.4 Main Business/Business Overview

7.2 Toray

7.2.1 Company Basic Information, Manufacturing Base and Competitors

7.2.2 100 Product Type, Application and Specification

7.2.2.1 Type I

7.2.2.2 Type II

7.2.3 Toray Membrane Bioreactor Sales, Revenue, Price and Gross Margin (2011-2016)

7.2.4 Main Business/Business Overview

7.3 Asahi Kasei Chemicals

7.3.1 Company Basic Information, Manufacturing Base and Competitors

7.3.2 124 Product Type, Application and Specification

7.3.2.1 Type I

7.3.2.2 Type II

7.3.3 Asahi Kasei Chemicals Membrane Bioreactor Sales, Revenue, Price and Gross Margin (2011-2016)

7.3.4 Main Business/Business Overview

7.4 Koch Membrane System

7.4.1 Company Basic Information, Manufacturing Base and Competitors

7.4.2 Dec Product Type, Application and Specification

7.4.2.1 Type I

7.4.2.2 Type II

7.4.3 Koch Membrane System Membrane Bioreactor Sales, Revenue, Price and Gross Margin (2011-2016)

7.4.4 Main Business/Business Overview

7.5 Kubota

7.5.1 Company Basic Information, Manufacturing Base and Competitors

- 7.5.2 Product Type, Application and Specification
  - 7.5.2.1 Type I
  - 7.5.2.2 Type II
- 7.5.3 Kubota Membrane Bioreactor Sales, Revenue, Price and Gross Margin (2011-2016)
- 7.5.4 Main Business/Business Overview
- 7.6 Mitsubishi Rayon
  - 7.6.1 Company Basic Information, Manufacturing Base and Competitors
  - 7.6.2 Million USD Product Type, Application and Specification
    - 7.6.2.1 Type I
    - 7.6.2.2 Type II
  - 7.6.3 Mitsubishi Rayon Membrane Bioreactor Sales, Revenue, Price and Gross Margin (2011-2016)
  - 7.6.4 Main Business/Business Overview
- 7.7 Evoqua
  - 7.7.1 Company Basic Information, Manufacturing Base and Competitors
  - 7.7.2 Machinery & Equipment Product Type, Application and Specification
    - 7.7.2.1 Type I
    - 7.7.2.2 Type II
  - 7.7.3 Evoqua Membrane Bioreactor Sales, Revenue, Price and Gross Margin (2011-2016)
  - 7.7.4 Main Business/Business Overview
- 7.8 Pall
  - 7.8.1 Company Basic Information, Manufacturing Base and Competitors
  - 7.8.2 Product Type, Application and Specification
    - 7.8.2.1 Type I
    - 7.8.2.2 Type II
  - 7.8.3 Pall Membrane Bioreactor Sales, Revenue, Price and Gross Margin (2011-2016)
  - 7.8.4 Main Business/Business Overview
- 7.9 Triqua International
  - 7.9.1 Company Basic Information, Manufacturing Base and Competitors
  - 7.9.2 Product Type, Application and Specification
    - 7.9.2.1 Type I
    - 7.9.2.2 Type II
  - 7.9.3 Triqua International Membrane Bioreactor Sales, Revenue, Price and Gross Margin (2011-2016)
  - 7.9.4 Main Business/Business Overview
- 7.10 ADI Systems
  - 7.10.1 Company Basic Information, Manufacturing Base and Competitors

- 7.10.2 Product Type, Application and Specification
  - 7.10.2.1 Type I
  - 7.10.2.2 Type II
- 7.10.3 ADI Systems Membrane Bioreactor Sales, Revenue, Price and Gross Margin (2011-2016)
- 7.10.4 Main Business/Business Overview
- 7.11 Alfa Laval
- 7.12 Aquabrane
- 7.13 Smith & Loveless
- 7.14 Groupe Novasep
- 7.15 Beijing Origin water Technology
- 7.16 Litree
- 7.17 Tianjin Motimo

## **8 MEMBRANE BIOREACTOR MAUFACTURING COST ANALYSIS**

- 8.1 Membrane Bioreactor Key Raw Materials Analysis
  - 8.1.1 Key Raw Materials
  - 8.1.2 Price Trend of Key Raw Materials
  - 8.1.3 Key Suppliers of Raw Materials
  - 8.1.4 Market Concentration Rate of Raw Materials
- 8.2 Proportion of Manufacturing Cost Structure
  - 8.2.1 Raw Materials
  - 8.2.2 Labor Cost
  - 8.2.3 Manufacturing Process Analysis of Membrane Bioreactor

## **9 INDUSTRIAL CHAIN, SOURCING STRATEGY AND DOWNSTREAM BUYERS**

- 9.1 Membrane Bioreactor Industrial Chain Analysis
- 9.2 Upstream Raw Materials Sourcing
- 9.3 Raw Materials Sources of Membrane Bioreactor Major Manufacturers in 2015
- 9.4 Downstream Buyers

## **10 MARKETING STRATEGY ANALYSIS, DISTRIBUTORS/TRADERS**

- 10.1 Marketing Channel
  - 10.1.1 Direct Marketing
  - 10.1.2 Indirect Marketing
  - 10.1.3 Marketing Channel Development Trend



## 10.2 Market Positioning

### 10.2.1 Pricing Strategy

### 10.2.2 Brand Strategy

### 10.2.3 Target Client

## 10.3 Distributors/Traders List

## **11 MARKET EFFECT FACTORS ANALYSIS**

### 11.1 Technology Progress/Risk

#### 11.1.1 Substitutes Threat

#### 11.1.2 Technology Progress in Related Industry

### 11.2 Consumer Needs/Customer Preference Change

### 11.3 Economic/Political Environmental Change

## **12 GLOBAL MEMBRANE BIOREACTOR MARKET FORECAST (2016-2021)**

### 12.1 Global Membrane Bioreactor Sales, Revenue Forecast (2016-2021)

### 12.2 Global Membrane Bioreactor Sales Forecast by Regions (2016-2021)

### 12.3 Global Membrane Bioreactor Sales Forecast by Type (2016-2021)

### 12.4 Global Membrane Bioreactor Sales Forecast by Application (2016-2021)

## **13 APPENDIX**

Disclosure Section

Research Methodology

Data Source

China 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 Picture of Membrane Bioreactor  
Table Classification of Membrane Bioreactor  
Figure Global Sales Market Share of Membrane Bioreactor by Type in 2015  
Figure Type I Picture  
Figure Type II Picture  
Table Applications of Membrane Bioreactor  
Figure Global Sales Market Share of Membrane Bioreactor by Application in 2015  
Figure Application 1 Examples  
Figure Application 2 Examples  
Figure United States Membrane Bioreactor Revenue and Growth Rate (2011-2021)  
Figure China Membrane Bioreactor Revenue and Growth Rate (2011-2021)  
Figure Europe Membrane Bioreactor Revenue and Growth Rate (2011-2021)  
Figure Japan Membrane Bioreactor Revenue and Growth Rate (2011-2021)  
Figure Global Membrane Bioreactor Sales and Growth Rate (2011-2021)  
Figure Global Membrane Bioreactor Revenue and Growth Rate (2011-2021)  
Table Global Membrane Bioreactor Sales of Key Manufacturers (2011-2016)  
Table Global Membrane Bioreactor Sales Share by Manufacturers (2011-2016)  
Figure 2015 Membrane Bioreactor Sales Share by Manufacturers  
Figure 2016 Membrane Bioreactor Sales Share by Manufacturers  
Table Global Membrane Bioreactor Revenue by Manufacturers (2011-2016)  
Table Global Membrane Bioreactor Revenue Share by Manufacturers (2011-2016)  
Table 2015 Global Membrane Bioreactor Revenue Share by Manufacturers  
Table 2016 Global Membrane Bioreactor Revenue Share by Manufacturers  
Table Global Membrane Bioreactor Sales and Market Share by Type (2011-2016)  
Table Global Membrane Bioreactor Sales Share by Type (2011-2016)  
Figure Sales Market Share of Membrane Bioreactor by Type (2011-2016)  
Figure Global Membrane Bioreactor Sales Growth Rate by Type (2011-2016)  
Table Global Membrane Bioreactor Revenue and Market Share by Type (2011-2016)  
Table Global Membrane Bioreactor Revenue Share by Type (2011-2016)  
Figure Revenue Market Share of Membrane Bioreactor by Type (2011-2016)  
Figure Global Membrane Bioreactor Revenue Growth Rate by Type (2011-2016)  
Table Global Membrane Bioreactor Sales and Market Share by Regions (2011-2016)  
Table Global Membrane Bioreactor Sales Share by Regions (2011-2016)  
Figure Sales Market Share of Membrane Bioreactor by Regions (2011-2016)  
Figure Global Membrane Bioreactor Sales Growth Rate by Regions (2011-2016)

Table Global Membrane Bioreactor Revenue and Market Share by Regions (2011-2016)

Table Global Membrane Bioreactor Revenue Share by Regions (2011-2016)

Figure Revenue Market Share of Membrane Bioreactor by Regions (2011-2016)

Figure Global Membrane Bioreactor Revenue Growth Rate by Regions (2011-2016)

Table Global Membrane Bioreactor Sales and Market Share by Application (2011-2016)

Table Global Membrane Bioreactor Sales Share by Application (2011-2016)

Figure Sales Market Share of Membrane Bioreactor by Application (2011-2016)

Figure Global Membrane Bioreactor Sales Growth Rate by Application (2011-2016)

Figure United States Membrane Bioreactor Sales and Growth Rate (2011-2016)

Figure United States Membrane Bioreactor Revenue and Growth Rate (2011-2016)

Figure United States Membrane Bioreactor Sales Price Trend (2011-2016)

Table United States Membrane Bioreactor Sales by Manufacturers (2011-2016)

Table United States Membrane Bioreactor Market Share by Manufacturers (2011-2016)

Table United States Membrane Bioreactor Sales by Type (2011-2016)

Table United States Membrane Bioreactor Market Share by Type (2011-2016)

Table United States Membrane Bioreactor Sales by Application (2011-2016)

Table United States Membrane Bioreactor Market Share by Application (2011-2016)

Figure China Membrane Bioreactor Sales and Growth Rate (2011-2016)

Figure China Membrane Bioreactor Revenue and Growth Rate (2011-2016)

Figure China Membrane Bioreactor Sales Price Trend (2011-2016)

Table China Membrane Bioreactor Sales by Manufacturers (2011-2016)

Table China Membrane Bioreactor Market Share by Manufacturers (2011-2016)

Table China Membrane Bioreactor Sales by Type (2011-2016)

Table China Membrane Bioreactor Market Share by Type (2011-2016)

Table China Membrane Bioreactor Sales by Application (2011-2016)

Table China Membrane Bioreactor Market Share by Application (2011-2016)

Figure Europe Membrane Bioreactor Sales and Growth Rate (2011-2016)

Figure Europe Membrane Bioreactor Revenue and Growth Rate (2011-2016)

Figure Europe Membrane Bioreactor Sales Price Trend (2011-2016)

Table Europe Membrane Bioreactor Sales by Manufacturers (2011-2016)

Table Europe Membrane Bioreactor Market Share by Manufacturers (2011-2016)

Table Europe Membrane Bioreactor Sales by Type (2011-2016)

Table Europe Membrane Bioreactor Market Share by Type (2011-2016)

Table Europe Membrane Bioreactor Sales by Application (2011-2016)

Table Europe Membrane Bioreactor Market Share by Application (2011-2016)

Figure Japan Membrane Bioreactor Sales and Growth Rate (2011-2016)

Figure Japan Membrane Bioreactor Revenue and Growth Rate (2011-2016)

Figure Japan Membrane Bioreactor Sales Price Trend (2011-2016)

Table Japan Membrane Bioreactor Sales by Manufacturers (2011-2016)  
Table Japan Membrane Bioreactor Market Share by Manufacturers (2011-2016)  
Table Japan Membrane Bioreactor Sales by Type (2011-2016)  
Table Japan Membrane Bioreactor Market Share by Type (2011-2016)  
Table Japan Membrane Bioreactor Sales by Application (2011-2016)  
Table Japan Membrane Bioreactor Market Share by Application (2011-2016)  
Table GE Water Basic Information List  
Table GE Water Membrane Bioreactor Sales, Revenue, Price and Gross Margin (2011-2016)  
Figure GE Water Membrane Bioreactor Global Market Share (2011-2016)  
Table Toray Basic Information List  
Table Toray Membrane Bioreactor Sales, Revenue, Price and Gross Margin (2011-2016)  
Figure Toray Membrane Bioreactor Global Market Share (2011-2016)  
Table Asahi Kasei Chemicals Basic Information List  
Table Asahi Kasei Chemicals Membrane Bioreactor Sales, Revenue, Price and Gross Margin (2011-2016)  
Figure Asahi Kasei Chemicals Membrane Bioreactor Global Market Share (2011-2016)  
Table Koch Membrane System Basic Information List  
Table Koch Membrane System Membrane Bioreactor Sales, Revenue, Price and Gross Margin (2011-2016)  
Figure Koch Membrane System Membrane Bioreactor Global Market Share (2011-2016)  
Table Kubota Basic Information List  
Table Kubota Membrane Bioreactor Sales, Revenue, Price and Gross Margin (2011-2016)  
Figure Kubota Membrane Bioreactor Global Market Share (2011-2016)  
Table Mitsubishi Rayon Basic Information List  
Table Mitsubishi Rayon Membrane Bioreactor Sales, Revenue, Price and Gross Margin (2011-2016)  
Figure Mitsubishi Rayon Membrane Bioreactor Global Market Share (2011-2016)  
Table Evoqua Basic Information List  
Table Evoqua Membrane Bioreactor Sales, Revenue, Price and Gross Margin (2011-2016)  
Figure Evoqua Membrane Bioreactor Global Market Share (2011-2016)  
Table Pall Basic Information List  
Table Pall Membrane Bioreactor Sales, Revenue, Price and Gross Margin (2011-2016)  
Figure Pall Membrane Bioreactor Global Market Share (2011-2016)  
Table Triqua International Basic Information List

Table Triqua International Membrane Bioreactor Sales, Revenue, Price and Gross Margin (2011-2016)

Figure Triqua International Membrane Bioreactor Global Market Share (2011-2016)

Table ADI Systems Basic Information List

Table ADI Systems Membrane Bioreactor Sales, Revenue, Price and Gross Margin (2011-2016)

Figure ADI Systems Membrane Bioreactor Global Market Share (2011-2016)

Table Alfa Laval Basic Information List

Table Alfa Laval Membrane Bioreactor Sales, Revenue, Price and Gross Margin (2011-2016)

Figure Alfa Laval Membrane Bioreactor Global Market Share (2011-2016)

Table Aquabrane Basic Information List

Table Aquabrane Membrane Bioreactor Sales, Revenue, Price and Gross Margin (2011-2016)

Figure Aquabrane Membrane Bioreactor Global Market Share (2011-2016)

Table Smith & Loveless Basic Information List

Table Smith & Loveless Membrane Bioreactor Sales, Revenue, Price and Gross Margin (2011-2016)

Figure Smith & Loveless Membrane Bioreactor Global Market Share (2011-2016)

Table Groupe Novasep Basic Information List

Table Groupe Novasep Membrane Bioreactor Sales, Revenue, Price and Gross Margin (2011-2016)

Figure Groupe Novasep Membrane Bioreactor Global Market Share (2011-2016)

Table Beijing Origin water Technology Basic Information List

Table Beijing Origin water Technology Membrane Bioreactor Sales, Revenue, Price and Gross Margin (2011-2016)

Figure Beijing Origin water Technology Membrane Bioreactor Global Market Share (2011-2016)

Table Litree Basic Information List

Table Litree Membrane Bioreactor Sales, Revenue, Price and Gross Margin (2011-2016)

Figure Litree Membrane Bioreactor Global Market Share (2011-2016)

Table Tianjin Motimo Basic Information List

Table Tianjin Motimo Membrane Bioreactor Sales, Revenue, Price and Gross Margin (2011-2016)

Figure Tianjin Motimo Membrane Bioreactor Global Market Share (2011-2016)

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 Membrane Bioreactor  
Figure Manufacturing Process Analysis of Membrane Bioreactor  
Figure Membrane Bioreactor Industrial Chain Analysis  
Table Raw Materials Sources of Membrane Bioreactor Major Manufacturers in 2015  
Table Major Buyers of Membrane Bioreactor  
Table Distributors/Traders List  
Figure Global Membrane Bioreactor Sales and Growth Rate Forecast (2016-2021)  
Figure Global Membrane Bioreactor Revenue and Growth Rate Forecast (2016-2021)  
Table Global Membrane Bioreactor Sales Forecast by Regions (2016-2021)  
Table Global Membrane Bioreactor Sales Forecast by Type (2016-2021)  
Table Global Membrane Bioreactor Sales Forecast by Application (2016-2021)

## I would like to order

Product name: Global Membrane Bioreactor Sales Market Report 2016

Product link: <https://marketpublishers.com/r/G66A9A53F1EEN.html>

Price: US\$ 4,000.00 (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/G66A9A53F1EEN.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