

# **(COVID Version) Global Aluminum Electrolytic Capacitors Market Status (2016-2020) and Forecast (2021E-2026F) by Region, Product Type & End-Use**

<https://marketpublishers.com/r/C1C3BC71AEA6EN.html>

Date: November 2021

Pages: 102

Price: US\$ 3,000.00 (Single User License)

ID: C1C3BC71AEA6EN

## **Abstracts**

### **SUMMARY**

An aluminum electrolytic capacitor, usually simply called an electrolytic capacitor (e-cap), is a capacitor whose anode (+) consists of pure aluminum foil with an etched surface, covered with a uniformly very thin barrier layer of insulating aluminum oxide, which operates as a dielectric. The electrolyte, which covers the rough surface of the oxide layer, operates as the second electrode, the cathode (-). E-caps have the largest capacitance values per unit volume compared to the two other main conventional capacitor families, ceramic and plastic film capacitors, but articulately smaller capacitance than similar sized supercapacitors.

The report forecast global Aluminum Electrolytic Capacitors market to grow to reach xxx Million USD in 2020 with a CAGR of xx% during the period 2021E-2026F due to coronavirus situation.

The report offers detailed coverage of Aluminum Electrolytic Capacitors industry and main market trends with impact of coronavirus. The market research includes historical and forecast market data, demand, application details, price trends, and company shares of the leading Aluminum Electrolytic Capacitors by geography. The report splits the market size, by volume and value, on the basis of application type and geography.

First, this report covers the present status and the future prospects of the global Aluminum Electrolytic Capacitors market for 2016-2025.

And in this report, we analyze global market from 5 geographies: Asia-Pacific[China,

Southeast Asia, India, Japan, Korea, Western Asia], Europe[Germany, UK, France, Italy, Russia, Spain, Netherlands, Turkey, Switzerland], North America[United States, Canada, Mexico], Middle East & Africa[GCC, North Africa, South Africa], South America[Brazil, Argentina, Columbia, Chile, Peru].

At the same time, we classify Aluminum Electrolytic Capacitors according to the type, application by geography. More importantly, the report includes major countries market based on the type and application.

Finally, the report provides detailed profile and data information analysis of leading Aluminum Electrolytic Capacitors company.

Key Content of Chapters as follows (Including and can be customized) :

Part 1:

Market Overview, Development, and Segment by Type, Application & Region

Part 2:

Company information, Sales, Cost, Margin etc.

Part 3:

Global Market by company, Type, Application & Geography

Part 4:

Asia-Pacific Market by Type, Application & Geography

Part 5:

Europe Market by Type, Application & Geography

Part 6:

North America Market by Type, Application & Geography

Part 7:

*(COVID Version) Global Aluminum Electrolytic Capacitors Market Status (2016-2020) and Forecast (2021E-2026F) b...*

South America Market by Type, Application & Geography

Part 8:

Middle East & Africa Market by Type, Application & Geography

Part 9:

Market Features

Part 10:

Investment Opportunity

Part 11:

Conclusion

Market Segment as follows:

By Region

Asia-Pacific[China, Southeast Asia, India, Japan, Korea, Western Asia]

Europe[Germany, UK, France, Italy, Russia, Spain, Netherlands, Turkey, Switzerland]

North America[United States, Canada, Mexico]

Middle East & Africa[GCC, North Africa, South Africa]

South America[Brazil, Argentina, Columbia, Chile, Peru]

Key Companies

Nippon Chemi-Con

Nichicon

Rubycon

Panasonic

Sam Young

Samwha

Vishay

KEMET

EPCOS

Man Yue

Lelon

Capxon

Aihua

Jianghai

HEC

## Market by Type

Solid Type Aluminum Electrolyte Capacitor

Non-Solid Type Aluminum Electrolyte Capacitor

## Market by Application

Industrial

Telecommunications

Computers

Consumer Electronics

Energy and Power

Automotive

Others

## Contents

### **PART 1 MARKET OVERVIEW**

#### 1.1 Market Definition

#### 1.2 Market Development

##### 1.2.1 Current Situation

##### 1.2.2 Aspects of COVID-19 Impact

#### 1.3 By Type

Table Type of Aluminum Electrolytic Capacitors

Figure Global Aluminum Electrolytic Capacitors Market Share by Type in 2020

#### 1.4 By Application

Table Application of Aluminum Electrolytic Capacitors

Figure Global Aluminum Electrolytic Capacitors Market Share by Application in 2020

#### 1.5 By Region

Figure Global Aluminum Electrolytic Capacitors Market Share by Region in 2020

Figure Asia Aluminum Electrolytic Capacitors Market Share by Region in 2020

### **PART 2 KEY COMPANIES**

#### 2.1 Nippon Chemi-Con

##### 2.1.1 Company Profile

Table Nippon Chemi-Con Overview List

##### 2.1.2 Products & Services Overview

##### 2.1.3 Sales Data List

Table Aluminum Electrolytic Capacitors Business Operation of Nippon Chemi-Con  
(Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

#### 2.2 Nichicon

#### 2.3 Rubycon

#### 2.4 Panasonic

#### 2.5 Sam Young

#### 2.6 Samwha

#### 2.7 Vishay

#### 2.8 KEMET

#### 2.9 EPCOS

#### 2.10 Man Yue

#### 2.11 Lelon

#### 2.12 Capxon

#### 2.13 Aihua

2.14 Jianghai

2.15 HEC

## **PART 3 GLOBAL MARKET STATUS AND FUTURE FORECAST**

### 3.1 Global Market by Region

Table Global Aluminum Electrolytic Capacitors Market by Region, 2016-2020 (Million USD)

Figure Global Aluminum Electrolytic Capacitors Market Share by Region in 2020 (Million USD)

Table Global Aluminum Electrolytic Capacitors Market by Region, 2016-2020 (Volume)

Figure Global Aluminum Electrolytic Capacitors Market Share by Region in 2020 (Volume)

Table Price List by Region, 2016-2020

### 3.2 Global Market by Company

Table Global Aluminum Electrolytic Capacitors Market by Company, 2016-2020 (Million USD)

Figure Global Aluminum Electrolytic Capacitors Market Share by Company in 2020 (Million USD)

Table Global Aluminum Electrolytic Capacitors Market by Company, 2016-2020 (Volume)

Figure Global Aluminum Electrolytic Capacitors Market Share by Company in 2020 (Volume)

Table Price List by Company, 2016-2020

### 3.3 Global Market by Type

Table Global Aluminum Electrolytic Capacitors Market by Type, 2016-2020 (Million USD)

Figure Global Aluminum Electrolytic Capacitors Market Share by Type in 2020 (Million USD)

Table Global Aluminum Electrolytic Capacitors Market by Type, 2016-2020 (Volume)

Figure Global Aluminum Electrolytic Capacitors Market Share by Type in 2020 (Volume)

Table Price List by Type, 2016-2020

### 3.4 Global Market by Application

Table Global Aluminum Electrolytic Capacitors Market by Application, 2016-2020 (Million USD)

Figure Global Aluminum Electrolytic Capacitors Market Share by Application in 2020 (Million USD)

Table Global Aluminum Electrolytic Capacitors Market by Application, 2016-2020 (Volume)

Figure Global Aluminum Electrolytic Capacitors Market Share by Application in 2020 (Volume)

Table Price List by Application, 2016-2020

3.5 Global Market by Forecast

Figure Global Aluminum Electrolytic Capacitors Market Forecast, 2021E-2026F (Million USD)

Figure Global Aluminum Electrolytic Capacitors Market Forecast, 2021E-2026F (Volume)

## **PART 4 ASIA-PACIFIC MARKET STATUS AND FUTURE FORECAST**

4.1 Asia-Pacific Market by Type

Table Asia-Pacific Aluminum Electrolytic Capacitors Market by Type, 2016-2020 (Million USD)

Figure Asia-Pacific Aluminum Electrolytic Capacitors Market Share by Type in 2020 (Million USD)

Table Asia-Pacific Aluminum Electrolytic Capacitors Market by Type, 2016-2020 (Volume)

Figure Asia-Pacific Aluminum Electrolytic Capacitors Market Share by Type in 2020 (Volume)

Table Price List by Type, 2016-2020

4.2 Asia-Pacific Market by Application

Table Asia-Pacific Aluminum Electrolytic Capacitors Market by Application, 2016-2020 (Million USD)

Figure Asia-Pacific Aluminum Electrolytic Capacitors Market Share by Application in 2020 (Million USD)

Table Asia-Pacific Aluminum Electrolytic Capacitors Market by Application, 2016-2020 (Volume)

Figure Asia-Pacific Aluminum Electrolytic Capacitors Market Share by Application in 2020 (Volume)

Table Price List by Application, 2016-2020

4.3 Asia-Pacific Market by Geography

4.3.1 China Market Status and Future Forecast

Figure China Aluminum Electrolytic Capacitors Market Market Status, 2016-2020 (Million USD)

Figure China Aluminum Electrolytic Capacitors Market Market Status, 2016-2020 (Volume)

Figure China Aluminum Electrolytic Capacitors Market Forecast, 2021E-2026F (Million USD)



Figure China Aluminum Electrolytic Capacitors Market Forecast, 2021E-2026F  
(Volume)

#### 4.3.2 Southeast Asia Market Status and Future Forecast

Figure Southeast Asia Aluminum Electrolytic Capacitors Market Market Status,  
2016-2020 (Million USD)

Figure Southeast Asia Aluminum Electrolytic Capacitors Market Market Status,  
2016-2020 (Volume)

Figure Southeast Asia Aluminum Electrolytic Capacitors Market Forecast, 2021E-2026F  
(Million USD)

Figure Southeast Asia Aluminum Electrolytic Capacitors Market Forecast, 2021E-2026F  
(Volume)

#### 4.3.3 India Market Status and Future Forecast

Figure India Aluminum Electrolytic Capacitors Market Market Status, 2016-2020 (Million  
USD)

Figure India Aluminum Electrolytic Capacitors Market Market Status, 2016-2020  
(Volume)

Figure India Aluminum Electrolytic Capacitors Market Forecast, 2021E-2026F (Million  
USD)

Figure India Aluminum Electrolytic Capacitors Market Forecast, 2021E-2026F (Volume)

#### 4.3.4 Japan Market Status and Future Forecast

Figure Japan Aluminum Electrolytic Capacitors Market Market Status, 2016-2020  
(Million USD)

Figure Japan Aluminum Electrolytic Capacitors Market Market Status, 2016-2020  
(Volume)

Figure Japan Aluminum Electrolytic Capacitors Market Forecast, 2021E-2026F (Million  
USD)

Figure Japan Aluminum Electrolytic Capacitors Market Forecast, 2021E-2026F  
(Volume)

#### 4.3.5 Korea Market Status and Future Forecast

Figure Korea Aluminum Electrolytic Capacitors Market Market Status, 2016-2020  
(Million USD)

Figure Korea Aluminum Electrolytic Capacitors Market Market Status, 2016-2020  
(Volume)

Figure Korea Aluminum Electrolytic Capacitors Market Forecast, 2021E-2026F (Million  
USD)

Figure Korea Aluminum Electrolytic Capacitors Market Forecast, 2021E-2026F  
(Volume)

#### 4.3.6 Oceania Market Status and Future Forecast

Figure Oceania Aluminum Electrolytic Capacitors Market Market Status, 2016-2020

(Million USD)

Figure Oceania Aluminum Electrolytic Capacitors Market Market Status, 2016-2020

(Volume)

Figure Oceania Aluminum Electrolytic Capacitors Market Forecast, 2021E-2026F

(Million USD)

Figure Oceania Aluminum Electrolytic Capacitors Market Forecast, 2021E-2026F

(Volume)

#### 4.4 Asia-Pacific Market by Forecast

Figure Asia-Pacific Aluminum Electrolytic Capacitors Market Forecast, 2021E-2026F

(Million USD)

Figure Asia-Pacific Aluminum Electrolytic Capacitors Market Forecast, 2021E-2026F

(Volume)

## **PART 5 EUROPE MARKET STATUS AND FUTURE FORECAST**

### 5.1 Europe Market by Type

Table Europe Aluminum Electrolytic Capacitors Market by Type, 2016-2020 (Million USD)

Figure Europe Aluminum Electrolytic Capacitors Market Share by Type in 2020 (Million USD)

Table Europe Aluminum Electrolytic Capacitors Market by Type, 2016-2020 (Volume)

Figure Europe Aluminum Electrolytic Capacitors Market Share by Type in 2020 (Volume)

Table Price List by Type, 2016-2020

### 5.2 Europe Market by Application

Table Europe Aluminum Electrolytic Capacitors Market by Application, 2016-2020 (Million USD)

Figure Europe Aluminum Electrolytic Capacitors Market Share by Application in 2020 (Million USD)

Table Europe Aluminum Electrolytic Capacitors Market by Application, 2016-2020 (Volume)

Figure Europe Aluminum Electrolytic Capacitors Market Share by Application in 2020 (Volume)

Table Price List by Application, 2016-2020

### 5.3 Europe Market by Geography

#### 5.3.1 Germany Market Status and Future Forecast

Figure Germany Aluminum Electrolytic Capacitors Market Market Status, 2016-2020 (Million USD)

Figure Germany Aluminum Electrolytic Capacitors Market Market Status, 2016-2020

(Volume)

Figure Germany Aluminum Electrolytic Capacitors Market Forecast, 2021E-2026F  
(Million USD)

Figure Germany Aluminum Electrolytic Capacitors Market Forecast, 2021E-2026F  
(Volume)

#### 5.3.2 UK Market Status and Future Forecast

Figure UK Aluminum Electrolytic Capacitors Market Market Status, 2016-2020 (Million USD)

Figure UK Aluminum Electrolytic Capacitors Market Market Status, 2016-2020 (Volume)

Figure UK Aluminum Electrolytic Capacitors Market Forecast, 2021E-2026F (Million USD)

Figure UK Aluminum Electrolytic Capacitors Market Forecast, 2021E-2026F (Volume)

#### 5.3.3 France Market Status and Future Forecast

Figure France Aluminum Electrolytic Capacitors Market Market Status, 2016-2020  
(Million USD)

Figure France Aluminum Electrolytic Capacitors Market Market Status, 2016-2020  
(Volume)

Figure France Aluminum Electrolytic Capacitors Market Forecast, 2021E-2026F (Million USD)

Figure France Aluminum Electrolytic Capacitors Market Forecast, 2021E-2026F  
(Volume)

#### 5.3.4 Italy Market Status and Future Forecast

Figure Italy Aluminum Electrolytic Capacitors Market Market Status, 2016-2020 (Million USD)

Figure Italy Aluminum Electrolytic Capacitors Market Market Status, 2016-2020  
(Volume)

Figure Italy Aluminum Electrolytic Capacitors Market Forecast, 2021E-2026F (Million USD)

Figure Italy Aluminum Electrolytic Capacitors Market Forecast, 2021E-2026F (Volume)

#### 5.3.5 Russia Market Status and Future Forecast

Figure Russia Aluminum Electrolytic Capacitors Market Market Status, 2016-2020  
(Million USD)

Figure Russia Aluminum Electrolytic Capacitors Market Market Status, 2016-2020  
(Volume)

Figure Russia Aluminum Electrolytic Capacitors Market Forecast, 2021E-2026F (Million USD)

Figure Russia Aluminum Electrolytic Capacitors Market Forecast, 2021E-2026F  
(Volume)

#### 5.3.6 Spain Market Status and Future Forecast

Figure Spain Aluminum Electrolytic Capacitors Market Market Status, 2016-2020  
(Million USD)

Figure Spain Aluminum Electrolytic Capacitors Market Market Status, 2016-2020  
(Volume)

Figure Spain Aluminum Electrolytic Capacitors Market Forecast, 2021E-2026F (Million  
USD)

Figure Spain Aluminum Electrolytic Capacitors Market Forecast, 2021E-2026F  
(Volume)

#### 5.3.6 Netherlands Market Status and Future Forecast

Figure Netherlands Aluminum Electrolytic Capacitors Market Market Status, 2016-2020  
(Million USD)

Figure Netherlands Aluminum Electrolytic Capacitors Market Market Status, 2016-2020  
(Volume)

Figure Netherlands Aluminum Electrolytic Capacitors Market Forecast, 2021E-2026F  
(Million USD)

Figure Netherlands Aluminum Electrolytic Capacitors Market Forecast, 2021E-2026F  
(Volume)

#### 5.3.7 Turkey Market Status and Future Forecast

Figure Turkey Aluminum Electrolytic Capacitors Market Market Status, 2016-2020  
(Million USD)

Figure Turkey Aluminum Electrolytic Capacitors Market Market Status, 2016-2020  
(Volume)

Figure Turkey Aluminum Electrolytic Capacitors Market Forecast, 2021E-2026F (Million  
USD)

Figure Turkey Aluminum Electrolytic Capacitors Market Forecast, 2021E-2026F  
(Volume)

#### 5.3.6 Switzerland Market Status and Future Forecast

Figure Switzerland Aluminum Electrolytic Capacitors Market Market Status, 2016-2020  
(Million USD)

Figure Switzerland Aluminum Electrolytic Capacitors Market Market Status, 2016-2020  
(Volume)

Figure Switzerland Aluminum Electrolytic Capacitors Market Forecast, 2021E-2026F  
(Million USD)

Figure Switzerland Aluminum Electrolytic Capacitors Market Forecast, 2021E-2026F  
(Volume)

#### 5.4 Europe Market by Forecast

Figure Europe Aluminum Electrolytic Capacitors Market Forecast, 2021E-2026F (Million  
USD)

Figure Europe Aluminum Electrolytic Capacitors Market Forecast, 2021E-2026F

(Volume)

## **PART 6 NORTH AMERICA MARKET STATUS AND FUTURE FORECAST**

### 6.1 North America Market by Type

Table North America Aluminum Electrolytic Capacitors Market by Type, 2016-2020  
(Million USD)

Figure North America Aluminum Electrolytic Capacitors Market Share by Type in 2020  
(Million USD)

Table North America Aluminum Electrolytic Capacitors Market by Type, 2016-2020  
(Volume)

Figure North America Aluminum Electrolytic Capacitors Market Share by Type in 2020  
(Volume)

Table Price List by Type, 2016-2020

### 6.2 North America Market by Application

Table North America Aluminum Electrolytic Capacitors Market by Application,  
2016-2020 (Million USD)

Figure North America Aluminum Electrolytic Capacitors Market Share by Application in  
2020 (Million USD)

Table North America Aluminum Electrolytic Capacitors Market by Application,  
2016-2020 (Volume)

Figure North America Aluminum Electrolytic Capacitors Market Share by Application in  
2020 (Volume)

Table Price List by Application, 2016-2020

### 6.3 North America Market by Geography

#### 6.3.1 United States Market Status and Future Forecast

Figure United States Aluminum Electrolytic Capacitors Market Market Status,  
2016-2020 (Million USD)

Figure United States Aluminum Electrolytic Capacitors Market Market Status,  
2016-2020 (Volume)

Figure United States Aluminum Electrolytic Capacitors Market Forecast, 2021E-2026F  
(Million USD)

Figure United States Aluminum Electrolytic Capacitors Market Forecast, 2021E-2026F  
(Volume)

#### 6.3.2 Canada Market Status and Future Forecast

Figure Canada Aluminum Electrolytic Capacitors Market Market Status, 2016-2020  
(Million USD)

Figure Canada Aluminum Electrolytic Capacitors Market Market Status, 2016-2020  
(Volume)

Figure Canada Aluminum Electrolytic Capacitors Market Forecast, 2021E-2026F  
(Million USD)

Figure Canada Aluminum Electrolytic Capacitors Market Forecast, 2021E-2026F  
(Volume)

### 6.3.3 Mexico Market Status and Future Forecast

Figure Mexico Aluminum Electrolytic Capacitors Market Market Status, 2016-2020  
(Million USD)

Figure Mexico Aluminum Electrolytic Capacitors Market Market Status, 2016-2020  
(Volume)

Figure Mexico Aluminum Electrolytic Capacitors Market Forecast, 2021E-2026F (Million  
USD)

Figure Mexico Aluminum Electrolytic Capacitors Market Forecast, 2021E-2026F  
(Volume)

### 6.4 North America Market by Forecast

Figure North America Aluminum Electrolytic Capacitors Market Forecast, 2021E-2026F  
(Million USD)

Figure North America Aluminum Electrolytic Capacitors Market Forecast, 2021E-2026F  
(Volume)

## **PART 7 SOUTH AMERICA MARKET STATUS AND FUTURE FORECAST**

### 7.1 South America Market by Type

Table South America Aluminum Electrolytic Capacitors Market by Type, 2016-2020  
(Million USD)

Figure South America Aluminum Electrolytic Capacitors Market Share by Type in 2020  
(Million USD)

Table South America Aluminum Electrolytic Capacitors Market by Type, 2016-2020  
(Volume)

Figure South America Aluminum Electrolytic Capacitors Market Share by Type in 2020  
(Volume)

Table Price List by Type, 2016-2020

### 7.2 South America Market by Application

Table South America Aluminum Electrolytic Capacitors Market by Application,  
2016-2020 (Million USD)

Figure South America Aluminum Electrolytic Capacitors Market Share by Application in  
2020 (Million USD)

Table South America Aluminum Electrolytic Capacitors Market by Application,  
2016-2020 (Volume)

Figure South America Aluminum Electrolytic Capacitors Market Share by Application in

2020 (Volume)

Table Price List by Application, 2016-2020

7.3 South America Market by Geography

7.3.1 Brazil Market Status and Future Forecast

Figure Brazil Aluminum Electrolytic Capacitors Market Market Status, 2016-2020  
(Million USD)

Figure Brazil Aluminum Electrolytic Capacitors Market Market Status, 2016-2020  
(Volume)

Figure Brazil Aluminum Electrolytic Capacitors Market Forecast, 2021E-2026F (Million  
USD)

Figure Brazil Aluminum Electrolytic Capacitors Market Forecast, 2021E-2026F (Volume)

7.3.2 Argentina Market Status and Future Forecast

Figure Argentina Aluminum Electrolytic Capacitors Market Market Status, 2016-2020  
(Million USD)

Figure Argentina Aluminum Electrolytic Capacitors Market Market Status, 2016-2020  
(Volume)

Figure Argentina Aluminum Electrolytic Capacitors Market Forecast, 2021E-2026F  
(Million USD)

Figure Argentina Aluminum Electrolytic Capacitors Market Forecast, 2021E-2026F  
(Volume)

7.3.3 Columbia Market Status and Future Forecast

Figure Columbia Aluminum Electrolytic Capacitors Market Market Status, 2016-2020  
(Million USD)

Figure Columbia Aluminum Electrolytic Capacitors Market Market Status, 2016-2020  
(Volume)

Figure Columbia Aluminum Electrolytic Capacitors Market Forecast, 2021E-2026F  
(Million USD)

Figure Columbia Aluminum Electrolytic Capacitors Market Forecast, 2021E-2026F  
(Volume)

7.3.4 Chile Market Status and Future Forecast

Figure Chile Aluminum Electrolytic Capacitors Market Market Status, 2016-2020 (Million  
USD)

Figure Chile Aluminum Electrolytic Capacitors Market Market Status, 2016-2020  
(Volume)

Figure Chile Aluminum Electrolytic Capacitors Market Forecast, 2021E-2026F (Million  
USD)

Figure Chile Aluminum Electrolytic Capacitors Market Forecast, 2021E-2026F (Volume)

7.3.5 Peru Market Status and Future Forecast

Figure Peru Aluminum Electrolytic Capacitors Market Market Status, 2016-2020 (Million

USD)

Figure Peru Aluminum Electrolytic Capacitors Market Market Status, 2016-2020

(Volume)

Figure Peru Aluminum Electrolytic Capacitors Market Forecast, 2021E-2026F (Million USD)

Figure Peru Aluminum Electrolytic Capacitors Market Forecast, 2021E-2026F (Volume)

7.4 South America Market by Forecast

Figure South America Aluminum Electrolytic Capacitors Market Forecast, 2021E-2026F (Million USD)

Figure South America Aluminum Electrolytic Capacitors Market Forecast, 2021E-2026F (Volume)

## **PART 8 MIDDLE EAST & AFRICA MARKET STATUS AND FUTURE FORECAST**

8.1 Middle East & Africa Market by Type

Table Middle East & Africa Aluminum Electrolytic Capacitors Market by Type, 2016-2020 (Million USD)

Figure Middle East & Africa Aluminum Electrolytic Capacitors Market Share by Type in 2020 (Million USD)

Table Middle East & Africa Aluminum Electrolytic Capacitors Market by Type, 2016-2020 (Volume)

Figure Middle East & Africa Aluminum Electrolytic Capacitors Market Share by Type in 2020 (Volume)

Table Price List by Type, 2016-2020

8.2 Middle East & Africa Market by Application

Table Middle East & Africa Aluminum Electrolytic Capacitors Market by Application, 2016-2020 (Million USD)

Figure Middle East & Africa Aluminum Electrolytic Capacitors Market Share by Application in 2020 (Million USD)

Table Middle East & Africa Aluminum Electrolytic Capacitors Market by Application, 2016-2020 (Volume)

Figure Middle East & Africa Aluminum Electrolytic Capacitors Market Share by Application in 2020 (Volume)

Table Price List by Application, 2016-2020

8.3 Middle East & Africa Market by Geography

8.3.1 GCC Market Status and Future Forecast

Figure GCC Aluminum Electrolytic Capacitors Market Market Status, 2016-2020 (Million USD)

Figure GCC Aluminum Electrolytic Capacitors Market Market Status, 2016-2020



(Volume)

Figure GCC Aluminum Electrolytic Capacitors Market Forecast, 2021E-2026F (Million USD)

Figure GCC Aluminum Electrolytic Capacitors Market Forecast, 2021E-2026F (Volume)

#### 8.3.2 North Africa Market Status and Future Forecast

Figure North Africa Aluminum Electrolytic Capacitors Market Market Status, 2016-2020 (Million USD)

Figure North Africa Aluminum Electrolytic Capacitors Market Market Status, 2016-2020 (Volume)

Figure North Africa Aluminum Electrolytic Capacitors Market Forecast, 2021E-2026F (Million USD)

Figure North Africa Aluminum Electrolytic Capacitors Market Forecast, 2021E-2026F (Volume)

#### 8.3.3 South Africa Market Status and Future Forecast

Figure South Africa Aluminum Electrolytic Capacitors Market Market Status, 2016-2020 (Million USD)

Figure South Africa Aluminum Electrolytic Capacitors Market Market Status, 2016-2020 (Volume)

Figure South Africa Aluminum Electrolytic Capacitors Market Forecast, 2021E-2026F (Million USD)

Figure South Africa Aluminum Electrolytic Capacitors Market Forecast, 2021E-2026F (Volume)

### 8.4 Middle East & Africa Market by Forecast

Figure Middle East & Africa Aluminum Electrolytic Capacitors Market Forecast, 2021E-2026F (Million USD)

Figure Middle East & Africa Aluminum Electrolytic Capacitors Market Forecast, 2021E-2026F (Volume)

## **PART 9 MARKET FEATURES**

9.1 Product Features

9.2 Price Features

9.3 Channel Features

9.4 Purchasing Features

## **PART 10 INVESTMENT OPPORTUNITY**

10.1 Regional Investment Opportunity

10.2 Industry Investment Opportunity

## **PART 11 CORONAVIRUS IMPACT**

- 11.1 Impact on Industry Upstream
- 11.2 Impact on Industry Downstream
- 11.3 Impact on Industry Channels
- 11.4 Impact on Industry Competition
- 11.5 Impact on Industry Obtain Employment

## **PART 12 CONCLUSION**

## List Of Tables

### LIST OF TABLES

Table Type of Aluminum Electrolytic Capacitors

Table Application of Aluminum Electrolytic Capacitors

Table Nippon Chemi-Con Overview List

Table Aluminum Electrolytic Capacitors Business Operation of Nippon Chemi-Con (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table Electronics & Software Business Operation of Nichicon (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table Business Operation of Rubycon (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table Volume Business Operation of Panasonic (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table xxx Business Operation of Sam Young (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table xx% Business Operation of Samwha (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table 15 Business Operation of Vishay (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table 4 Business Operation of KEMET (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table 0 Business Operation of EPCOS (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table 3 Business Operation of Man Yue (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table 1890 Business Operation of Lelon (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table 2270 Business Operation of Capxon (Sales Revenue, Cost, Gross Margin)

Table 2950 Business Operation of Aihua (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table 88 Business Operation of Jianghai (Sales Revenue, Cost, Gross Margin)

Table Business Operation of HEC (Sales Revenue, Cost, Gross Margin)

Table Global Aluminum Electrolytic Capacitors Market by Region, 2016-2020 (Million USD)

Table Global Aluminum Electrolytic Capacitors Market by Region, 2016-2020 (Volume)

Table Price List by Region, 2016-2020

Table Global Aluminum Electrolytic Capacitors Market by Company, 2016-2020 (Million USD)

Table Global Aluminum Electrolytic Capacitors Market by Company, 2016-2020  
(Volume)

Table Price List by Company, 2016-2020

Table Global Aluminum Electrolytic Capacitors Market by Type, 2016-2020 (Million  
USD)

Table Global Aluminum Electrolytic Capacitors Market by Type, 2016-2020 (Volume)

Table Price List by Type, 2016-2020

Table Global Aluminum Electrolytic Capacitors Market by Application, 2016-2020  
(Million USD)

Table Global Aluminum Electrolytic Capacitors Market by Application, 2016-2020  
(Volume)

Table Price List by Application, 2016-2020

Table Asia-Pacific Aluminum Electrolytic Capacitors Market by Type, 2016-2020 (Million  
USD)

Table Asia-Pacific Aluminum Electrolytic Capacitors Market by Type, 2016-2020  
(Volume)

Table Price List by Type, 2016-2020

Table Asia-Pacific Aluminum Electrolytic Capacitors Market by Application, 2016-2020  
(Million USD)

Table Asia-Pacific Aluminum Electrolytic Capacitors Market by Application, 2016-2020  
(Volume)

Table Price List by Application, 2016-2020

Table Europe Aluminum Electrolytic Capacitors Market by Type, 2016-2020 (Million  
USD)

Table Europe Aluminum Electrolytic Capacitors Market by Type, 2016-2020 (Volume)

Table Price List by Type, 2016-2020

Table Europe Aluminum Electrolytic Capacitors Market by Application, 2016-2020  
(Million USD)

Table Europe Aluminum Electrolytic Capacitors Market by Application, 2016-2020  
(Volume)

Table Price List by Application, 2016-2020

Table North America Aluminum Electrolytic Capacitors Market by Type, 2016-2020  
(Million USD)

Table North America Aluminum Electrolytic Capacitors Market by Type, 2016-2020  
(Volume)

Table Price List by Type, 2016-2020

Table North America Aluminum Electrolytic Capacitors Market by Application,  
2016-2020 (Million USD)

Table North America Aluminum Electrolytic Capacitors Market by Application,

2016-2020 (Volume)

Table Price List by Application, 2016-2020

Table South America Aluminum Electrolytic Capacitors Market by Type, 2016-2020 (Million USD)

Table South America Aluminum Electrolytic Capacitors Market by Type, 2016-2020 (Volume)

Table Price List by Type, 2016-2020

Table South America Aluminum Electrolytic Capacitors Market by Application, 2016-2020 (Million USD)

Table South America Aluminum Electrolytic Capacitors Market by Application, 2016-2020 (Volume)

Table Price List by Application, 2016-2020

Table Middle East & Africa Aluminum Electrolytic Capacitors Market by Type, 2016-2020 (Million USD)

Table Middle East & Africa Aluminum Electrolytic Capacitors Market by Type, 2016-2020 (Volume)

Table Price List by Type, 2016-2020

Table Middle East & Africa Aluminum Electrolytic Capacitors Market by Application, 2016-2020 (Million USD)

Table Middle East & Africa Aluminum Electrolytic Capacitors Market by Application, 2016-2020 (Volume)

Table Price List by Application, 2016-2020

## List Of Figures

### LIST OF FIGURES

- Figure Global Aluminum Electrolytic Capacitors Market Share by Type in 2020
- Figure Global Aluminum Electrolytic Capacitors Market Share by Application in 2020
- Figure Global Aluminum Electrolytic Capacitors Market Share by Region in 2020
- Figure Asia Aluminum Electrolytic Capacitors Market Share by Region in 2020
- Figure Global Aluminum Electrolytic Capacitors Market Share by Region in 2020 (Million USD)
- Figure Global Aluminum Electrolytic Capacitors Market Share by Region in 2020 (Volume)
- Figure Global Aluminum Electrolytic Capacitors Market Share by Company in 2020 (Million USD)
- Figure Global Aluminum Electrolytic Capacitors Market Share by Company in 2020 (Volume)
- Figure Global Aluminum Electrolytic Capacitors Market Share by Type in 2020 (Million USD)
- Figure Global Aluminum Electrolytic Capacitors Market Share by Type in 2020 (Volume)
- Figure Global Aluminum Electrolytic Capacitors Market Share by Application in 2020 (Million USD)
- Figure Global Aluminum Electrolytic Capacitors Market Share by Application in 2020 (Volume)
- Figure Global Aluminum Electrolytic Capacitors Market Forecast, 2021E-2026F (Million USD)
- Figure Global Aluminum Electrolytic Capacitors Market Forecast, 2021E-2026F (Volume)
- Figure Asia-Pacific Aluminum Electrolytic Capacitors Market Share by Type in 2020 (Million USD)
- Figure Asia-Pacific Aluminum Electrolytic Capacitors Market Share by Type in 2020 (Volume)
- Figure Asia-Pacific Aluminum Electrolytic Capacitors Market Share by Application in 2020 (Million USD)
- Figure Asia-Pacific Aluminum Electrolytic Capacitors Market Share by Application in 2020 (Volume)
- Figure China Aluminum Electrolytic Capacitors Market Market Status, 2016-2020 (Million USD)
- Figure China Aluminum Electrolytic Capacitors Market Market Status, 2016-2020 (Volume)
- Figure China Aluminum Electrolytic Capacitors Market Forecast, 2021E-2026F (Million

USD)

Figure China Aluminum Electrolytic Capacitors Market Forecast, 2021E-2026F  
(Volume)

Figure Southeast Asia Aluminum Electrolytic Capacitors Market Market Status,  
2016-2020 (Million USD)

Figure Southeast Asia Aluminum Electrolytic Capacitors Market Market Status,  
2016-2020 (Volume)

Figure Southeast Asia Aluminum Electrolytic Capacitors Market Forecast, 2021E-2026F  
(Million USD)

Figure Southeast Asia Aluminum Electrolytic Capacitors Market Forecast, 2021E-2026F  
(Volume)

Figure India Aluminum Electrolytic Capacitors Market Market Status, 2016-2020 (Million  
USD)

Figure India Aluminum Electrolytic Capacitors Market Market Status, 2016-2020  
(Volume)

Figure India Aluminum Electrolytic Capacitors Market Forecast, 2021E-2026F (Million  
USD)

Figure India Aluminum Electrolytic Capacitors Market Forecast, 2021E-2026F (Volume)

Figure Japan Aluminum Electrolytic Capacitors Market Market Status, 2016-2020  
(Million USD)

Figure Japan Aluminum Electrolytic Capacitors Market Market Status, 2016-2020  
(Volume)

Figure Japan Aluminum Electrolytic Capacitors Market Forecast, 2021E-2026F (Million  
USD)

Figure Japan Aluminum Electrolytic Capacitors Market Forecast, 2021E-2026F  
(Volume)

Figure Korea Aluminum Electrolytic Capacitors Market Market Status, 2016-2020  
(Million USD)

Figure Korea Aluminum Electrolytic Capacitors Market Market Status, 2016-2020  
(Volume)

Figure Korea Aluminum Electrolytic Capacitors Market Forecast, 2021E-2026F (Million  
USD)

Figure Korea Aluminum Electrolytic Capacitors Market Forecast, 2021E-2026F  
(Volume)

Figure Oceania Aluminum Electrolytic Capacitors Market Market Status, 2016-2020  
(Million USD)

Figure Oceania Aluminum Electrolytic Capacitors Market Market Status, 2016-2020  
(Volume)

Figure Oceania Aluminum Electrolytic Capacitors Market Forecast, 2021E-2026F

(Million USD)

Figure Oceania Aluminum Electrolytic Capacitors Market Forecast, 2021E-2026F

(Volume)

Figure Asia-Pacific Aluminum Electrolytic Capacitors Market Forecast, 2021E-2026F

(Million USD)

Figure Asia-Pacific Aluminum Electrolytic Capacitors Market Forecast, 2021E-2026F

(Volume)

Figure Europe Aluminum Electrolytic Capacitors Market Share by Type in 2020 (Million USD)

Figure Europe Aluminum Electrolytic Capacitors Market Share by Type in 2020

(Volume)

Figure Europe Aluminum Electrolytic Capacitors Market Share by Application in 2020 (Million USD)

Figure Europe Aluminum Electrolytic Capacitors Market Share by Application in 2020 (Volume)

Figure Germany Aluminum Electrolytic Capacitors Market Market Status, 2016-2020 (Million USD)

Figure Germany Aluminum Electrolytic Capacitors Market Market Status, 2016-2020 (Volume)

Figure Germany Aluminum Electrolytic Capacitors Market Forecast, 2021E-2026F (Million USD)

Figure Germany Aluminum Electrolytic Capacitors Market Forecast, 2021E-2026F (Volume)

Figure UK Aluminum Electrolytic Capacitors Market Market Status, 2016-2020 (Million USD)

Figure UK Aluminum Electrolytic Capacitors Market Market Status, 2016-2020 (Volume)

Figure UK Aluminum Electrolytic Capacitors Market Forecast, 2021E-2026F (Million USD)

Figure UK Aluminum Electrolytic Capacitors Market Forecast, 2021E-2026F (Volume)

Figure France Aluminum Electrolytic Capacitors Market Market Status, 2016-2020 (Million USD)

Figure France Aluminum Electrolytic Capacitors Market Market Status, 2016-2020 (Volume)

Figure France Aluminum Electrolytic Capacitors Market Forecast, 2021E-2026F (Million USD)

Figure France Aluminum Electrolytic Capacitors Market Forecast, 2021E-2026F (Volume)

Figure Italy Aluminum Electrolytic Capacitors Market Market Status, 2016-2020 (Million USD)



Figure Italy Aluminum Electrolytic Capacitors Market Market Status, 2016-2020  
(Volume)

Figure Italy Aluminum Electrolytic Capacitors Market Forecast, 2021E-2026F (Million  
USD)

Figure Italy Aluminum Electrolytic Capacitors Market Forecast, 2021E-2026F (Volume)

Figure Russia Aluminum Electrolytic Capacitors Market Market Status, 2016-2020  
(Million USD)

Figure Russia Aluminum Electrolytic Capacitors Market Market Status, 2016-2020  
(Volume)

Figure Russia Aluminum Electrolytic Capacitors Market Forecast, 2021E-2026F (Million  
USD)

Figure Russia Aluminum Electrolytic Capacitors Market Forecast, 2021E-2026F  
(Volume)

Figure Spain Aluminum Electrolytic Capacitors Market Market Status, 2016-2020  
(Million USD)

Figure Spain Aluminum Electrolytic Capacitors Market Market Status, 2016-2020  
(Volume)

Figure Spain Aluminum Electrolytic Capacitors Market Forecast, 2021E-2026F (Million  
USD)

Figure Spain Aluminum Electrolytic Capacitors Market Forecast, 2021E-2026F  
(Volume)

Figure Netherlands Aluminum Electrolytic Capacitors Market Market Status, 2016-2020  
(Million USD)

Figure Netherlands Aluminum Electrolytic Capacitors Market Market Status, 2016-2020  
(Volume)

Figure Netherlands Aluminum Electrolytic Capacitors Market Forecast, 2021E-2026F  
(Million USD)

Figure Netherlands Aluminum Electrolytic Capacitors Market Forecast, 2021E-2026F  
(Volume)

Figure Turkey Aluminum Electrolytic Capacitors Market Market Status, 2016-2020  
(Million USD)

Figure Turkey Aluminum Electrolytic Capacitors Market Market Status, 2016-2020  
(Volume)

Figure Turkey Aluminum Electrolytic Capacitors Market Forecast, 2021E-2026F (Million  
USD)

Figure Turkey Aluminum Electrolytic Capacitors Market Forecast, 2021E-2026F  
(Volume)

Figure Switzerland Aluminum Electrolytic Capacitors Market Market Status, 2016-2020  
(Million USD)

Figure Switzerland Aluminum Electrolytic Capacitors Market Market Status, 2016-2020 (Volume)

Figure Switzerland Aluminum Electrolytic Capacitors Market Forecast, 2021E-2026F (Million USD)

Figure Switzerland Aluminum Electrolytic Capacitors Market Forecast, 2021E-2026F (Volume)

Figure Europe Aluminum Electrolytic Capacitors Market Forecast, 2021E-2026F (Million USD)

Figure Europe Aluminum Electrolytic Capacitors Market Forecast, 2021E-2026F (Volume)

Figure North America Aluminum Electrolytic Capacitors Market Share by Type in 2020 (Million USD)

Figure North America Aluminum Electrolytic Capacitors Market Share by Type in 2020 (Volume)

Figure North America Aluminum Electrolytic Capacitors Market Share by Application in 2020 (Million USD)

Figure North America Aluminum Electrolytic Capacitors Market Share by Application in 2020 (Volume)

Figure United States Aluminum Electrolytic Capacitors Market Market Status, 2016-2020 (Million USD)

Figure United States Aluminum Electrolytic Capacitors Market Market Status, 2016-2020 (Volume)

Figure United States Aluminum Electrolytic Capacitors Market Forecast, 2021E-2026F (Million USD)

Figure United States Aluminum Electrolytic Capacitors Market Forecast, 2021E-2026F (Volume)

Figure Canada Aluminum Electrolytic Capacitors Market Market Status, 2016-2020 (Million USD)

Figure Canada Aluminum Electrolytic Capacitors Market Market Status, 2016-2020 (Volume)

Figure Canada Aluminum Electrolytic Capacitors Market Forecast, 2021E-2026F (Million USD)

Figure Canada Aluminum Electrolytic Capacitors Market Forecast, 2021E-2026F (Volume)

Figure Mexico Aluminum Electrolytic Capacitors Market Market Status, 2016-2020 (Million USD)

Figure Mexico Aluminum Electrolytic Capacitors Market Market Status, 2016-2020 (Volume)

Figure Mexico Aluminum Electrolytic Capacitors Market Forecast, 2021E-2026F (Million USD)

USD)

Figure Mexico Aluminum Electrolytic Capacitors Market Forecast, 2021E-2026F

(Volume)

Figure North America Aluminum Electrolytic Capacitors Market Forecast, 2021E-2026F

(Million USD)

Figure North America Aluminum Electrolytic Capacitors Market Forecast, 2021E-2026F

(Volume)

Figure South America Aluminum Electrolytic Capacitors Market Share by Type in 2020

(Million USD)

Figure South America Aluminum Electrolytic Capacitors Market Share by Type in 2020

(Volume)

Figure South America Aluminum Electrolytic Capacitors Market Share by Application in 2020 (Million USD)

Figure South America Aluminum Electrolytic Capacitors Market Share by Application in 2020 (Volume)

Figure Brazil Aluminum Electrolytic Capacitors Market Market Status, 2016-2020

(Million USD)

Figure Brazil Aluminum Electrolytic Capacitors Market Market Status, 2016-2020

(Volume)

Figure Brazil Aluminum Electrolytic Capacitors Market Forecast, 2021E-2026F (Million USD)

Figure Brazil Aluminum Electrolytic Capacitors Market Forecast, 2021E-2026F (Volume)

Figure Argentina Aluminum Electrolytic Capacitors Market Market Status, 2016-2020

(Million USD)

Figure Argentina Aluminum Electrolytic Capacitors Market Market Status, 2016-2020

(Volume)

Figure Argentina Aluminum Electrolytic Capacitors Market Forecast, 2021E-2026F

(Million USD)

Figure Argentina Aluminum Electrolytic Capacitors Market Forecast, 2021E-2026F

(Volume)

Figure Columbia Aluminum Electrolytic Capacitors Market Market Status, 2016-2020 (Million USD)

Figure Columbia Aluminum Electrolytic Capacitors Market Market Status, 2016-2020

(Volume)

Figure Columbia Aluminum Electrolytic Capacitors Market Forecast, 2021E-2026F

(Million USD)

Figure Columbia Aluminum Electrolytic Capacitors Market Forecast, 2021E-2026F

(Volume)

Figure Chile Aluminum Electrolytic Capacitors Market Market Status, 2016-2020 (Million

USD)

Figure Chile Aluminum Electrolytic Capacitors Market Market Status, 2016-2020

(Volume)

Figure Chile Aluminum Electrolytic Capacitors Market Forecast, 2021E-2026F (Million USD)

Figure Chile Aluminum Electrolytic Capacitors Market Forecast, 2021E-2026F (Volume)

Figure Peru Aluminum Electrolytic Capacitors Market Market Status, 2016-2020 (Million USD)

Figure Peru Aluminum Electrolytic Capacitors Market Market Status, 2016-2020 (Volume)

Figure Peru Aluminum Electrolytic Capacitors Market Forecast, 2021E-2026F (Million USD)

Figure Peru Aluminum Electrolytic Capacitors Market Forecast, 2021E-2026F (Volume)

Figure South America Aluminum Electrolytic Capacitors Market Forecast, 2021E-2026F (Million USD)

Figure South America Aluminum Electrolytic Capacitors Market Forecast, 2021E-2026F (Volume)

Figure Middle East & Africa Aluminum Electrolytic Capacitors Market Share by Type in 2020 (Million USD)

Figure Middle East & Africa Aluminum Electrolytic Capacitors Market Share by Type in 2020 (Volume)

Figure Middle East & Africa Aluminum Electrolytic Capacitors Market Share by Application in 2020 (Million USD)

Figure Middle East & Africa Aluminum Electrolytic Capacitors Market Share by Application in 2020 (Volume)

Figure GCC Aluminum Electrolytic Capacitors Market Market Status, 2016-2020 (Million USD)

Figure GCC Aluminum Electrolytic Capacitors Market Market Status, 2016-2020 (Volume)

Figure GCC Aluminum Electrolytic Capacitors Market Forecast, 2021E-2026F (Million USD)

Figure GCC Aluminum Electrolytic Capacitors Market Forecast, 2021E-2026F (Volume)

Figure North Africa Aluminum Electrolytic Capacitors Market Market Status, 2016-2020 (Million USD)

Figure North Africa Aluminum Electrolytic Capacitors Market Market Status, 2016-2020 (Volume)

Figure North Africa Aluminum Electrolytic Capacitors Market Forecast, 2021E-2026F (Million USD)

Figure North Africa Aluminum Electrolytic Capacitors Market Forecast, 2021E-2026F

(Volume)

Figure South Africa Aluminum Electrolytic Capacitors Market Market Status, 2016-2020  
(Million USD)

Figure South Africa Aluminum Electrolytic Capacitors Market Market Status, 2016-2020  
(Volume)

Figure South Africa Aluminum Electrolytic Capacitors Market Forecast, 2021E-2026F  
(Million USD)

Figure South Africa Aluminum Electrolytic Capacitors Market Forecast, 2021E-2026F  
(Volume)

Figure Middle East & Africa Aluminum Electrolytic Capacitors Market Forecast,  
2021E-2026F (Million USD)

Figure Middle East & Africa Aluminum Electrolytic Capacitors Market Forecast,  
2021E-2026F (Volume)

## I would like to order

Product name: (COVID Version) Global Aluminum Electrolytic Capacitors Market Status (2016-2020) and Forecast (2021E-2026F) by Region, Product Type & End-Use

Product link: <https://marketpublishers.com/r/C1C3BC71AEA6EN.html>

Price: US\$ 3,000.00 (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/C1C3BC71AEA6EN.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

