

2020-2025 Global Coating Pretreatment Market Report - Production and Consumption Professional Analysis (Impact of COVID-19)

<https://marketpublishers.com/r/282A499F257DEN.html>

Date: July 2021

Pages: 106

Price: US\$ 3,360.00 (Single User License)

ID: 282A499F257DEN

Abstracts

This report elaborates the market size, market characteristics, and market growth of the Coating Pretreatment industry, and breaks down according to the type, application, and consumption area of Coating Pretreatment. The report also conducted a PESTEL analysis of the industry to study the main influencing factors and entry barriers of the industry.

In Chapter 3.4 of the report, the impact of the COVID-19 outbreak on the industry was fully assessed. Fully risk assessment and industry recommendations were made for Coating Pretreatment in a special period. This chapter also compares the markets of Pre COVID-19 and Post COVID-19.

In addition, chapters 8-12 consider the impact of COVID-19 on the regional economy.

Key players in the global Coating Pretreatment market covered in Chapter 13:

Nippon Paint

PPG Industrial Coatings

Sherwin-Williams

Akzonobel

Vanchem

3M

Henkel AG & Co. KGAA

Metal Coatings Corp

Troy Chemical

Hubbard-Hall

Chemetall

In Chapter 6, on the basis of types, the Coating Pretreatment market from 2015 to 2025 is primarily split into:

- Cleaners
- Conversion Coatings
- Paint Strippers
- Scale and Rust Removers
- PH Neutralization
- Rust Preventatives
- Others

In Chapter 7, on the basis of applications, the Coating Pretreatment market from 2015 to 2025 covers:

- Aerospace
- Aluminium Finishing
- Appliances
- Automotive Components
- Coil Industry
- Metal Forming
- General Industry

Geographically, the detailed analysis of production, trade of the following countries is covered in Chapter 4.2, 5:

- United States
- Europe
- China
- Japan
- India

Geographically, the detailed analysis of consumption, revenue, market share and growth rate of the following regions are covered in Chapter 8, 9, 10, 11, 12:

- North America (Covered in Chapter 8)
 - United States
 - Canada
 - Mexico
- Europe (Covered in Chapter 9)
 - Germany
 - UK
 - France
 - Italy

Spain
Others
Asia-Pacific (Covered in Chapter 10)
China
Japan
India
South Korea
Southeast Asia
Others
Middle East and Africa (Covered in Chapter 11)
Saudi Arabia
UAE
South Africa
Others
South America (Covered in Chapter 12)
Brazil
Others

Years considered for this report:

Historical Years: 2015-2019

Base Year: 2019

Estimated Year: 2020

Forecast Period: 2020-2025

Contents

1 COATING PRETREATMENT MARKET - RESEARCH SCOPE

- 1.1 Study Goals
- 1.2 Market Definition and Scope
- 1.3 Key Market Segments
- 1.4 Study and Forecasting Years

2 COATING PRETREATMENT MARKET - RESEARCH METHODOLOGY

- 2.1 Methodology
- 2.2 Research Data Source
 - 2.2.1 Secondary Data
 - 2.2.2 Primary Data
 - 2.2.3 Market Size Estimation
 - 2.2.4 Legal Disclaimer

3 COATING PRETREATMENT MARKET FORCES

- 3.1 Global Coating Pretreatment Market Size
- 3.2 Top Impacting Factors (PESTEL Analysis)
 - 3.2.1 Political Factors
 - 3.2.2 Economic Factors
 - 3.2.3 Social Factors
 - 3.2.4 Technological Factors
 - 3.2.5 Environmental Factors
 - 3.2.6 Legal Factors
- 3.3 Industry Trend Analysis
- 3.4 Industry Trends Under COVID-19
 - 3.4.1 Risk Assessment on COVID-19
 - 3.4.2 Assessment of the Overall Impact of COVID-19 on the Industry
 - 3.4.3 Pre COVID-19 and Post COVID-19 Market Scenario
- 3.5 Industry Risk Assessment

4 COATING PRETREATMENT MARKET - BY GEOGRAPHY

- 4.1 Global Coating Pretreatment Market Value and Market Share by Regions
 - 4.1.1 Global Coating Pretreatment Value (\$) by Region (2015-2020)

- 4.1.2 Global Coating Pretreatment Value Market Share by Regions (2015-2020)
- 4.2 Global Coating Pretreatment Market Production and Market Share by Major Countries
 - 4.2.1 Global Coating Pretreatment Production by Major Countries (2015-2020)
 - 4.2.2 Global Coating Pretreatment Production Market Share by Major Countries (2015-2020)
- 4.3 Global Coating Pretreatment Market Consumption and Market Share by Regions
 - 4.3.1 Global Coating Pretreatment Consumption by Regions (2015-2020)
 - 4.3.2 Global Coating Pretreatment Consumption Market Share by Regions (2015-2020)

5 COATING PRETREATMENT MARKET - BY TRADE STATISTICS

- 5.1 Global Coating Pretreatment Export and Import
- 5.2 United States Coating Pretreatment Export and Import (2015-2020)
- 5.3 Europe Coating Pretreatment Export and Import (2015-2020)
- 5.4 China Coating Pretreatment Export and Import (2015-2020)
- 5.5 Japan Coating Pretreatment Export and Import (2015-2020)
- 5.6 India Coating Pretreatment Export and Import (2015-2020)
- 5.7 ...

6 COATING PRETREATMENT MARKET - BY TYPE

- 6.1 Global Coating Pretreatment Production and Market Share by Types (2015-2020)
 - 6.1.1 Global Coating Pretreatment Production by Types (2015-2020)
 - 6.1.2 Global Coating Pretreatment Production Market Share by Types (2015-2020)
- 6.2 Global Coating Pretreatment Value and Market Share by Types (2015-2020)
 - 6.2.1 Global Coating Pretreatment Value by Types (2015-2020)
 - 6.2.2 Global Coating Pretreatment Value Market Share by Types (2015-2020)
- 6.3 Global Coating Pretreatment Production, Price and Growth Rate of Cleaners (2015-2020)
- 6.4 Global Coating Pretreatment Production, Price and Growth Rate of Conversion Coatings (2015-2020)
- 6.5 Global Coating Pretreatment Production, Price and Growth Rate of Paint Strippers (2015-2020)
- 6.6 Global Coating Pretreatment Production, Price and Growth Rate of Scale and Rust Removers (2015-2020)
- 6.7 Global Coating Pretreatment Production, Price and Growth Rate of PH Neutralization (2015-2020)

6.8 Global Coating Pretreatment Production, Price and Growth Rate of Rust Preventatives (2015-2020)

6.9 Global Coating Pretreatment Production, Price and Growth Rate of Others (2015-2020)

7 COATING PRETREATMENT MARKET - BY APPLICATION

7.1 Global Coating Pretreatment Consumption and Market Share by Applications (2015-2020)

7.1.1 Global Coating Pretreatment Consumption by Applications (2015-2020)

7.1.2 Global Coating Pretreatment Consumption Market Share by Applications (2015-2020)

7.2 Global Coating Pretreatment Consumption and Growth Rate of Aerospace (2015-2020)

7.3 Global Coating Pretreatment Consumption and Growth Rate of Aluminium Finishing (2015-2020)

7.4 Global Coating Pretreatment Consumption and Growth Rate of Appliances (2015-2020)

7.5 Global Coating Pretreatment Consumption and Growth Rate of Automotive Components (2015-2020)

7.6 Global Coating Pretreatment Consumption and Growth Rate of Coil Industry (2015-2020)

7.7 Global Coating Pretreatment Consumption and Growth Rate of Metal Forming (2015-2020)

7.8 Global Coating Pretreatment Consumption and Growth Rate of General Industry (2015-2020)

8 NORTH AMERICA COATING PRETREATMENT MARKET

8.1 North America Coating Pretreatment Market Size

8.2 United States Coating Pretreatment Market Size

8.3 Canada Coating Pretreatment Market Size

8.4 Mexico Coating Pretreatment Market Size

8.5 The Influence of COVID-19 on North America Market

9 EUROPE COATING PRETREATMENT MARKET ANALYSIS

9.1 Europe Coating Pretreatment Market Size

9.2 Germany Coating Pretreatment Market Size

- 9.3 United Kingdom Coating Pretreatment Market Size
- 9.4 France Coating Pretreatment Market Size
- 9.5 Italy Coating Pretreatment Market Size
- 9.6 Spain Coating Pretreatment Market Size
- 9.7 The Influence of COVID-19 on Europe Market

10 ASIA-PACIFIC COATING PRETREATMENT MARKET ANALYSIS

- 10.1 Asia-Pacific Coating Pretreatment Market Size
- 10.2 China Coating Pretreatment Market Size
- 10.3 Japan Coating Pretreatment Market Size
- 10.4 South Korea Coating Pretreatment Market Size
- 10.5 Southeast Asia Coating Pretreatment Market Size
- 10.6 India Coating Pretreatment Market Size
- 10.7 The Influence of COVID-19 on Asia Pacific Market

11 MIDDLE EAST AND AFRICA COATING PRETREATMENT MARKET ANALYSIS

- 11.1 Middle East and Africa Coating Pretreatment Market Size
- 11.2 Saudi Arabia Coating Pretreatment Market Size
- 11.3 UAE Coating Pretreatment Market Size
- 11.4 South Africa Coating Pretreatment Market Size
- 11.5 The Influence of COVID-19 on Middle East and Africa Market

12 SOUTH AMERICA COATING PRETREATMENT MARKET ANALYSIS

- 12.1 South America Coating Pretreatment Market Size
- 12.2 Brazil Coating Pretreatment Market Size
- 12.3 The Influence of COVID-19 on South America Market

13 COMPANY PROFILES

- 13.1 Nippon Paint
 - 13.1.1 Nippon Paint Basic Information
 - 13.1.2 Nippon Paint Product Profiles, Application and Specification
 - 13.1.3 Nippon Paint Coating Pretreatment Market Performance (2015-2020)
- 13.2 PPG Industrial Coatings
 - 13.2.1 PPG Industrial Coatings Basic Information
 - 13.2.2 PPG Industrial Coatings Product Profiles, Application and Specification

- 13.2.3 PPG Industrial Coatings Coating Pretreatment Market Performance (2015-2020)
- 13.3 Sherwin-Williams
 - 13.3.1 Sherwin-Williams Basic Information
 - 13.3.2 Sherwin-Williams Product Profiles, Application and Specification
 - 13.3.3 Sherwin-Williams Coating Pretreatment Market Performance (2015-2020)
- 13.4 Akzonobel
 - 13.4.1 Akzonobel Basic Information
 - 13.4.2 Akzonobel Product Profiles, Application and Specification
 - 13.4.3 Akzonobel Coating Pretreatment Market Performance (2015-2020)
- 13.5 Vanchem
 - 13.5.1 Vanchem Basic Information
 - 13.5.2 Vanchem Product Profiles, Application and Specification
 - 13.5.3 Vanchem Coating Pretreatment Market Performance (2015-2020)
- 13.6 3M
 - 13.6.1 3M Basic Information
 - 13.6.2 3M Product Profiles, Application and Specification
 - 13.6.3 3M Coating Pretreatment Market Performance (2015-2020)
- 13.7 Henkel AG & Co. KGAA
 - 13.7.1 Henkel AG & Co. KGAA Basic Information
 - 13.7.2 Henkel AG & Co. KGAA Product Profiles, Application and Specification
 - 13.7.3 Henkel AG & Co. KGAA Coating Pretreatment Market Performance (2015-2020)
- 13.8 Metal Coatings Corp
 - 13.8.1 Metal Coatings Corp Basic Information
 - 13.8.2 Metal Coatings Corp Product Profiles, Application and Specification
 - 13.8.3 Metal Coatings Corp Coating Pretreatment Market Performance (2015-2020)
- 13.9 Troy Chemical
 - 13.9.1 Troy Chemical Basic Information
 - 13.9.2 Troy Chemical Product Profiles, Application and Specification
 - 13.9.3 Troy Chemical Coating Pretreatment Market Performance (2015-2020)
- 13.10 Hubbard-Hall
 - 13.10.1 Hubbard-Hall Basic Information
 - 13.10.2 Hubbard-Hall Product Profiles, Application and Specification
 - 13.10.3 Hubbard-Hall Coating Pretreatment Market Performance (2015-2020)
- 13.11 Chemetall
 - 13.11.1 Chemetall Basic Information
 - 13.11.2 Chemetall Product Profiles, Application and Specification
 - 13.11.3 Chemetall Coating Pretreatment Market Performance (2015-2020)

14 MARKET FORECAST - BY REGIONS

- 14.1 North America Coating Pretreatment Market Forecast (2020-2025)
- 14.2 Europe Coating Pretreatment Market Forecast (2020-2025)
- 14.3 Asia-Pacific Coating Pretreatment Market Forecast (2020-2025)
- 14.4 Middle East and Africa Coating Pretreatment Market Forecast (2020-2025)
- 14.5 South America Coating Pretreatment Market Forecast (2020-2025)

15 MARKET FORECAST - BY TYPE AND APPLICATIONS

- 15.1 Global Coating Pretreatment Market Forecast by Types (2020-2025)
 - 15.1.1 Global Coating Pretreatment Market Forecast Production and Market Share by Types (2020-2025)
 - 15.1.2 Global Coating Pretreatment Market Forecast Value and Market Share by Types (2020-2025)
- 15.2 Global Coating Pretreatment Market Forecast by Applications (2020-2025)

List Of Tables

LIST OF TABLES AND FIGURES

Figure Coating Pretreatment Picture

Table Coating Pretreatment Key Market Segments

Figure Study and Forecasting Years

Figure Global Coating Pretreatment Market Size and Growth Rate 2015-2025

Figure Industry PESTEL Analysis

Figure Global COVID-19 Status

Figure Market Size Forecast Comparison of Pre COVID-19 and Post COVID-19

Figure Global Coating Pretreatment Value (\$) and Growth Rate (2015-2020)

Table Global Coating Pretreatment Value (\$) by Countries (2015-2020)

Table Global Coating Pretreatment Value Market Share by Regions (2015-2020)

Figure Global Coating Pretreatment Value Market Share by Regions in 2019

Figure Global Coating Pretreatment Production and Growth Rate (2015-2020)

Table Global Coating Pretreatment Production by Major Countries (2015-2020)

Table Global Coating Pretreatment Production Market Share by Major Countries (2015-2020)

Figure Global Coating Pretreatment Production Market Share by Regions in 2019

Figure Global Coating Pretreatment Consumption and Growth Rate (2015-2020)

Table Global Coating Pretreatment Consumption by Regions (2015-2020)

Table Global Coating Pretreatment Consumption Market Share by Regions (2015-2020)

Figure Global Coating Pretreatment Consumption Market Share by Regions in 2019

Table Global Coating Pretreatment Export Top 3 Country 2019

Table Global Coating Pretreatment Import Top 3 Country 2019

Table United States Coating Pretreatment Export and Import (2015-2020)

Table Europe Coating Pretreatment Export and Import (2015-2020)

Table China Coating Pretreatment Export and Import (2015-2020)

Table Japan Coating Pretreatment Export and Import (2015-2020)

Table India Coating Pretreatment Export and Import (2015-2020)

Table Global Coating Pretreatment Production by Types (2015-2020)

Table Global Coating Pretreatment Production Market Share by Types (2015-2020)

Figure Global Coating Pretreatment Production Share by Type (2015-2020)

Table Global Coating Pretreatment Value by Types (2015-2020)

Table Global Coating Pretreatment Value Market Share by Types (2015-2020)

Figure Global Coating Pretreatment Value Share by Type (2015-2020)

Figure Global Cleaners Production and Growth Rate (2015-2020)

Figure Global Cleaners Price (2015-2020)

Figure Global Conversion Coatings Production and Growth Rate (2015-2020)
Figure Global Conversion Coatings Price (2015-2020)
Figure Global Paint Strippers Production and Growth Rate (2015-2020)
Figure Global Paint Strippers Price (2015-2020)
Figure Global Scale and Rust Removers Production and Growth Rate (2015-2020)
Figure Global Scale and Rust Removers Price (2015-2020)
Figure Global PH Neutralization Production and Growth Rate (2015-2020)
Figure Global PH Neutralization Price (2015-2020)
Figure Global Rust Preventatives Production and Growth Rate (2015-2020)
Figure Global Rust Preventatives Price (2015-2020)
Figure Global Others Production and Growth Rate (2015-2020)
Figure Global Others Price (2015-2020)
Table Global Coating Pretreatment Consumption by Applications (2015-2020)
Table Global Coating Pretreatment Consumption Market Share by Applications (2015-2020)
Figure Global Coating Pretreatment Consumption Share by Application (2015-2020)
Figure Global Aerospace Consumption and Growth Rate (2015-2020)
Figure Global Aluminium Finishing Consumption and Growth Rate (2015-2020)
Figure Global Appliances Consumption and Growth Rate (2015-2020)
Figure Global Automotive Components Consumption and Growth Rate (2015-2020)
Figure Global Coil Industry Consumption and Growth Rate (2015-2020)
Figure Global Metal Forming Consumption and Growth Rate (2015-2020)
Figure Global General Industry Consumption and Growth Rate (2015-2020)
Figure North America Coating Pretreatment Market Consumption and Growth Rate (2015-2020)
Table North America Coating Pretreatment Consumption by Countries (2015-2020)
Table North America Coating Pretreatment Consumption Market Share by Countries (2015-2020)
Figure North America Coating Pretreatment Consumption Market Share by Countries (2015-2020)
Figure United States Coating Pretreatment Market Consumption and Growth Rate (2015-2020)
Figure Canada Coating Pretreatment Market Consumption and Growth Rate (2015-2020)
Figure Mexico Coating Pretreatment Market Consumption and Growth Rate (2015-2020)
Figure North America COVID-19 Status
Figure Europe Coating Pretreatment Market Consumption and Growth Rate (2015-2020)

Table Europe Coating Pretreatment Consumption by Countries (2015-2020)
Table Europe Coating Pretreatment Consumption Market Share by Countries (2015-2020)
Figure Europe Coating Pretreatment Consumption Market Share by Countries (2015-2020)
Figure Germany Coating Pretreatment Market Consumption and Growth Rate (2015-2020)
Figure United Kingdom Coating Pretreatment Market Consumption and Growth Rate (2015-2020)
Figure France Coating Pretreatment Market Consumption and Growth Rate (2015-2020)
Figure Italy Coating Pretreatment Market Consumption and Growth Rate (2015-2020)
Figure Spain Coating Pretreatment Market Consumption and Growth Rate (2015-2020)
Figure Europe COVID-19 Status
Figure Asia-Pacific Coating Pretreatment Market Consumption and Growth Rate (2015-2020)
Table Asia-Pacific Coating Pretreatment Consumption by Countries (2015-2020)
Table Asia-Pacific Coating Pretreatment Consumption Market Share by Countries (2015-2020)
Figure Asia-Pacific Coating Pretreatment Consumption Market Share by Countries (2015-2020)
Figure China Coating Pretreatment Market Consumption and Growth Rate (2015-2020)
Figure Japan Coating Pretreatment Market Consumption and Growth Rate (2015-2020)
Figure South Korea Coating Pretreatment Market Consumption and Growth Rate (2015-2020)
Figure Southeast Asia Coating Pretreatment Market Consumption and Growth Rate (2015-2020)
Figure India Coating Pretreatment Market Consumption and Growth Rate (2015-2020)
Figure Asia Pacific COVID-19 Status
Figure Middle East and Africa Coating Pretreatment Market Consumption and Growth Rate (2015-2020)
Table Middle East and Africa Coating Pretreatment Consumption by Countries (2015-2020)
Table Middle East and Africa Coating Pretreatment Consumption Market Share by Countries (2015-2020)
Figure Middle East and Africa Coating Pretreatment Consumption Market Share by Countries (2015-2020)
Figure Saudi Arabia Coating Pretreatment Market Consumption and Growth Rate (2015-2020)

Figure UAE Coating Pretreatment Market Consumption and Growth Rate (2015-2020)

Figure South Africa Coating Pretreatment Market Consumption and Growth Rate (2015-2020)

Figure South America Coating Pretreatment Market Consumption and Growth Rate (2015-2020)

Table South America Coating Pretreatment Consumption by Countries (2015-2020)

Table South America Coating Pretreatment Consumption Market Share by Countries (2015-2020)

Figure South America Coating Pretreatment Consumption Market Share by Countries (2015-2020)

Figure Brazil Coating Pretreatment Market Consumption and Growth Rate (2015-2020)

Table Nippon Paint Company Profile

Table Nippon Paint Production, Value, Price, Gross Margin 2015-2020

Figure Nippon Paint Production and Growth Rate

Figure Nippon Paint Value (\$) Market Share 2015-2020

Table PPG Industrial Coatings Company Profile

Table PPG Industrial Coatings Production, Value, Price, Gross Margin 2015-2020

Figure PPG Industrial Coatings Production and Growth Rate

Figure PPG Industrial Coatings Value (\$) Market Share 2015-2020

Table Sherwin-Williams Company Profile

Table Sherwin-Williams Production, Value, Price, Gross Margin 2015-2020

Figure Sherwin-Williams Production and Growth Rate

Figure Sherwin-Williams Value (\$) Market Share 2015-2020

Table Akzonobel Company Profile

Table Akzonobel Production, Value, Price, Gross Margin 2015-2020

Figure Akzonobel Production and Growth Rate

Figure Akzonobel Value (\$) Market Share 2015-2020

Table Vanchem Company Profile

Table Vanchem Production, Value, Price, Gross Margin 2015-2020

Figure Vanchem Production and Growth Rate

Figure Vanchem Value (\$) Market Share 2015-2020

Table 3M Company Profile

Table 3M Production, Value, Price, Gross Margin 2015-2020

Figure 3M Production and Growth Rate

Figure 3M Value (\$) Market Share 2015-2020

Table Henkel AG & Co. KGAA Company Profile

Table Henkel AG & Co. KGAA Production, Value, Price, Gross Margin 2015-2020

Figure Henkel AG & Co. KGAA Production and Growth Rate

Figure Henkel AG & Co. KGAA Value (\$) Market Share 2015-2020

Table Metal Coatings Corp Company Profile
Table Metal Coatings Corp Production, Value, Price, Gross Margin 2015-2020
Figure Metal Coatings Corp Production and Growth Rate
Figure Metal Coatings Corp Value (\$) Market Share 2015-2020
Table Troy Chemical Company Profile
Table Troy Chemical Production, Value, Price, Gross Margin 2015-2020
Figure Troy Chemical Production and Growth Rate
Figure Troy Chemical Value (\$) Market Share 2015-2020
Table Hubbard-Hall Company Profile
Table Hubbard-Hall Production, Value, Price, Gross Margin 2015-2020
Figure Hubbard-Hall Production and Growth Rate
Figure Hubbard-Hall Value (\$) Market Share 2015-2020
Table Chemetall Company Profile
Table Chemetall Production, Value, Price, Gross Margin 2015-2020
Figure Chemetall Production and Growth Rate
Figure Chemetall Value (\$) Market Share 2015-2020
Figure North America Market Consumption and Growth Rate Forecast (2020-2025)
Figure Europe Market Consumption and Growth Rate Forecast (2020-2025)
Figure Asia-Pacific Market Consumption and Growth Rate Forecast (2020-2025)
Figure Middle East and Africa Market Consumption and Growth Rate Forecast (2020-2025)
Figure South America Market Consumption and Growth Rate Forecast (2020-2025)
Table Global Coating Pretreatment Market Forecast Production by Types (2020-2025)
Table Global Coating Pretreatment Market Forecast Production Share by Types (2020-2025)
Table Global Coating Pretreatment Market Forecast Value (\$) by Types (2020-2025)
Table Global Coating Pretreatment Market Forecast Value Share by Types (2020-2025)
Table Global Coating Pretreatment Market Forecast Consumption by Applications (2020-2025)
Table Global Coating Pretreatment Market Forecast Consumption Share by Applications (2020-2025)

I would like to order

Product name: 2020-2025 Global Coating Pretreatment Market Report - Production and Consumption Professional Analysis (Impact of COVID-19)

Product link: <https://marketpublishers.com/r/282A499F257DEN.html>

Price: US\$ 3,360.00 (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/282A499F257DEN.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

