

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

<https://marketpublishers.com/r/29492F265712EN.html>

Date: February 2021

Pages: 127

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

ID: 29492F265712EN

Abstracts

This report elaborates the market size, market characteristics, and market growth of the CFD industry, and breaks down according to the type, application, and consumption area of CFD. 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 CFD 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 CFD market covered in Chapter 13:

Siemens

Flow Science

Numeca International

PTC

Bentley Systems

COMSOL

ESI Group

Autodesk

CD Adapco Group

EXA

AspenTech

Mentor Graphics

Ansys

Dassault Systems

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

- Gases
- Liquids

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

- Automotive
- Aerospace and Defense
- Electrical and Electronics
- Energy

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 CFD 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 CFD 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 CFD MARKET FORCES

- 3.1 Global CFD 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 CFD MARKET - BY GEOGRAPHY

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

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

5 CFD MARKET - BY TRADE STATISTICS

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

6 CFD MARKET - BY TYPE

- 6.1 Global CFD Production and Market Share by Types (2015-2020)
 - 6.1.1 Global CFD Production by Types (2015-2020)
 - 6.1.2 Global CFD Production Market Share by Types (2015-2020)
- 6.2 Global CFD Value and Market Share by Types (2015-2020)
 - 6.2.1 Global CFD Value by Types (2015-2020)
 - 6.2.2 Global CFD Value Market Share by Types (2015-2020)
- 6.3 Global CFD Production, Price and Growth Rate of Gases (2015-2020)
- 6.4 Global CFD Production, Price and Growth Rate of Liquids (2015-2020)

7 CFD MARKET - BY APPLICATION

- 7.1 Global CFD Consumption and Market Share by Applications (2015-2020)
 - 7.1.1 Global CFD Consumption by Applications (2015-2020)
 - 7.1.2 Global CFD Consumption Market Share by Applications (2015-2020)
- 7.2 Global CFD Consumption and Growth Rate of Automotive (2015-2020)
- 7.3 Global CFD Consumption and Growth Rate of Aerospace and Defense (2015-2020)
- 7.4 Global CFD Consumption and Growth Rate of Electrical and Electronics (2015-2020)
- 7.5 Global CFD Consumption and Growth Rate of Energy (2015-2020)

8 NORTH AMERICA CFD MARKET

- 8.1 North America CFD Market Size
- 8.2 United States CFD Market Size
- 8.3 Canada CFD Market Size
- 8.4 Mexico CFD Market Size
- 8.5 The Influence of COVID-19 on North America Market

9 EUROPE CFD MARKET ANALYSIS

- 9.1 Europe CFD Market Size
- 9.2 Germany CFD Market Size
- 9.3 United Kingdom CFD Market Size
- 9.4 France CFD Market Size
- 9.5 Italy CFD Market Size
- 9.6 Spain CFD Market Size
- 9.7 The Influence of COVID-19 on Europe Market

10 ASIA-PACIFIC CFD MARKET ANALYSIS

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

11 MIDDLE EAST AND AFRICA CFD MARKET ANALYSIS

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

12 SOUTH AMERICA CFD MARKET ANALYSIS

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

13 COMPANY PROFILES

13.1 Siemens

- 13.1.1 Siemens Basic Information
- 13.1.2 Siemens Product Profiles, Application and Specification
- 13.1.3 Siemens CFD Market Performance (2015-2020)

13.2 Flow Science

- 13.2.1 Flow Science Basic Information
- 13.2.2 Flow Science Product Profiles, Application and Specification
- 13.2.3 Flow Science CFD Market Performance (2015-2020)

13.3 Numeca International

- 13.3.1 Numeca International Basic Information
- 13.3.2 Numeca International Product Profiles, Application and Specification
- 13.3.3 Numeca International CFD Market Performance (2015-2020)

13.4 PTC

- 13.4.1 PTC Basic Information
- 13.4.2 PTC Product Profiles, Application and Specification
- 13.4.3 PTC CFD Market Performance (2015-2020)

13.5 Bentley Systems

- 13.5.1 Bentley Systems Basic Information
- 13.5.2 Bentley Systems Product Profiles, Application and Specification
- 13.5.3 Bentley Systems CFD Market Performance (2015-2020)

13.6 COMSOL

- 13.6.1 COMSOL Basic Information
- 13.6.2 COMSOL Product Profiles, Application and Specification
- 13.6.3 COMSOL CFD Market Performance (2015-2020)

13.7 ESI Group

- 13.7.1 ESI Group Basic Information
- 13.7.2 ESI Group Product Profiles, Application and Specification
- 13.7.3 ESI Group CFD Market Performance (2015-2020)

13.8 Autodesk

- 13.8.1 Autodesk Basic Information
- 13.8.2 Autodesk Product Profiles, Application and Specification
- 13.8.3 Autodesk CFD Market Performance (2015-2020)

13.9 CD Adapco Group

- 13.9.1 CD Adapco Group Basic Information
- 13.9.2 CD Adapco Group Product Profiles, Application and Specification
- 13.9.3 CD Adapco Group CFD Market Performance (2015-2020)
- 13.10 EXA
 - 13.10.1 EXA Basic Information
 - 13.10.2 EXA Product Profiles, Application and Specification
 - 13.10.3 EXA CFD Market Performance (2015-2020)
- 13.11 AspenTech
 - 13.11.1 AspenTech Basic Information
 - 13.11.2 AspenTech Product Profiles, Application and Specification
 - 13.11.3 AspenTech CFD Market Performance (2015-2020)
- 13.12 Mentor Graphics
 - 13.12.1 Mentor Graphics Basic Information
 - 13.12.2 Mentor Graphics Product Profiles, Application and Specification
 - 13.12.3 Mentor Graphics CFD Market Performance (2015-2020)
- 13.13 Ansys
 - 13.13.1 Ansys Basic Information
 - 13.13.2 Ansys Product Profiles, Application and Specification
 - 13.13.3 Ansys CFD Market Performance (2015-2020)
- 13.14 Dassault Systems
 - 13.14.1 Dassault Systems Basic Information
 - 13.14.2 Dassault Systems Product Profiles, Application and Specification
 - 13.14.3 Dassault Systems CFD Market Performance (2015-2020)

14 MARKET FORECAST - BY REGIONS

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

15 MARKET FORECAST - BY TYPE AND APPLICATIONS

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

List Of Tables

LIST OF TABLES AND FIGURES

Figure CFD Picture
Table CFD Key Market Segments
Figure Study and Forecasting Years
Figure Global CFD 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 CFD Value (\$) and Growth Rate (2015-2020)
Table Global CFD Value (\$) by Countries (2015-2020)
Table Global CFD Value Market Share by Regions (2015-2020)
Figure Global CFD Value Market Share by Regions in 2019
Figure Global CFD Production and Growth Rate (2015-2020)
Table Global CFD Production by Major Countries (2015-2020)
Table Global CFD Production Market Share by Major Countries (2015-2020)
Figure Global CFD Production Market Share by Regions in 2019
Figure Global CFD Consumption and Growth Rate (2015-2020)
Table Global CFD Consumption by Regions (2015-2020)
Table Global CFD Consumption Market Share by Regions (2015-2020)
Figure Global CFD Consumption Market Share by Regions in 2019
Table Global CFD Export Top 3 Country 2019
Table Global CFD Import Top 3 Country 2019
Table United States CFD Export and Import (2015-2020)
Table Europe CFD Export and Import (2015-2020)
Table China CFD Export and Import (2015-2020)
Table Japan CFD Export and Import (2015-2020)
Table India CFD Export and Import (2015-2020)
Table Global CFD Production by Types (2015-2020)
Table Global CFD Production Market Share by Types (2015-2020)
Figure Global CFD Production Share by Type (2015-2020)
Table Global CFD Value by Types (2015-2020)
Table Global CFD Value Market Share by Types (2015-2020)
Figure Global CFD Value Share by Type (2015-2020)
Figure Global Gases Production and Growth Rate (2015-2020)
Figure Global Gases Price (2015-2020)
Figure Global Liquids Production and Growth Rate (2015-2020)

Figure Global Liquids Price (2015-2020)

Table Global CFD Consumption by Applications (2015-2020)

Table Global CFD Consumption Market Share by Applications (2015-2020)

Figure Global CFD Consumption Share by Application (2015-2020)

Figure Global Automotive Consumption and Growth Rate (2015-2020)

Figure Global Aerospace and Defense Consumption and Growth Rate (2015-2020)

Figure Global Electrical and Electronics Consumption and Growth Rate (2015-2020)

Figure Global Energy Consumption and Growth Rate (2015-2020)

Figure North America CFD Market Consumption and Growth Rate (2015-2020)

Table North America CFD Consumption by Countries (2015-2020)

Table North America CFD Consumption Market Share by Countries (2015-2020)

Figure North America CFD Consumption Market Share by Countries (2015-2020)

Figure United States CFD Market Consumption and Growth Rate (2015-2020)

Figure Canada CFD Market Consumption and Growth Rate (2015-2020)

Figure Mexico CFD Market Consumption and Growth Rate (2015-2020)

Figure North America COVID-19 Status

Figure Europe CFD Market Consumption and Growth Rate (2015-2020)

Table Europe CFD Consumption by Countries (2015-2020)

Table Europe CFD Consumption Market Share by Countries (2015-2020)

Figure Europe CFD Consumption Market Share by Countries (2015-2020)

Figure Germany CFD Market Consumption and Growth Rate (2015-2020)

Figure United Kingdom CFD Market Consumption and Growth Rate (2015-2020)

Figure France CFD Market Consumption and Growth Rate (2015-2020)

Figure Italy CFD Market Consumption and Growth Rate (2015-2020)

Figure Spain CFD Market Consumption and Growth Rate (2015-2020)

Figure Europe COVID-19 Status

Figure Asia-Pacific CFD Market Consumption and Growth Rate (2015-2020)

Table Asia-Pacific CFD Consumption by Countries (2015-2020)

Table Asia-Pacific CFD Consumption Market Share by Countries (2015-2020)

Figure Asia-Pacific CFD Consumption Market Share by Countries (2015-2020)

Figure China CFD Market Consumption and Growth Rate (2015-2020)

Figure Japan CFD Market Consumption and Growth Rate (2015-2020)

Figure South Korea CFD Market Consumption and Growth Rate (2015-2020)

Figure Southeast Asia CFD Market Consumption and Growth Rate (2015-2020)

Figure India CFD Market Consumption and Growth Rate (2015-2020)

Figure Asia Pacific COVID-19 Status

Figure Middle East and Africa CFD Market Consumption and Growth Rate (2015-2020)

Table Middle East and Africa CFD Consumption by Countries (2015-2020)

Table Middle East and Africa CFD Consumption Market Share by Countries

(2015-2020)

Figure Middle East and Africa CFD Consumption Market Share by Countries

(2015-2020)

Figure Saudi Arabia CFD Market Consumption and Growth Rate (2015-2020)

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

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

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

Table South America CFD Consumption by Countries (2015-2020)

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

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

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

Table Siemens Company Profile

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

Figure Siemens Production and Growth Rate

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

Table Flow Science Company Profile

Table Flow Science Production, Value, Price, Gross Margin 2015-2020

Figure Flow Science Production and Growth Rate

Figure Flow Science Value (\$) Market Share 2015-2020

Table Numeca International Company Profile

Table Numeca International Production, Value, Price, Gross Margin 2015-2020

Figure Numeca International Production and Growth Rate

Figure Numeca International Value (\$) Market Share 2015-2020

Table PTC Company Profile

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

Figure PTC Production and Growth Rate

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

Table Bentley Systems Company Profile

Table Bentley Systems Production, Value, Price, Gross Margin 2015-2020

Figure Bentley Systems Production and Growth Rate

Figure Bentley Systems Value (\$) Market Share 2015-2020

Table COMSOL Company Profile

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

Figure COMSOL Production and Growth Rate

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

Table ESI Group Company Profile

Table ESI Group Production, Value, Price, Gross Margin 2015-2020

Figure ESI Group Production and Growth Rate

Figure ESI Group Value (\$) Market Share 2015-2020

Table Autodesk Company Profile
Table Autodesk Production, Value, Price, Gross Margin 2015-2020
Figure Autodesk Production and Growth Rate
Figure Autodesk Value (\$) Market Share 2015-2020
Table CD Adapco Group Company Profile
Table CD Adapco Group Production, Value, Price, Gross Margin 2015-2020
Figure CD Adapco Group Production and Growth Rate
Figure CD Adapco Group Value (\$) Market Share 2015-2020
Table EXA Company Profile
Table EXA Production, Value, Price, Gross Margin 2015-2020
Figure EXA Production and Growth Rate
Figure EXA Value (\$) Market Share 2015-2020
Table AspenTech Company Profile
Table AspenTech Production, Value, Price, Gross Margin 2015-2020
Figure AspenTech Production and Growth Rate
Figure AspenTech Value (\$) Market Share 2015-2020
Table Mentor Graphics Company Profile
Table Mentor Graphics Production, Value, Price, Gross Margin 2015-2020
Figure Mentor Graphics Production and Growth Rate
Figure Mentor Graphics Value (\$) Market Share 2015-2020
Table Ansys Company Profile
Table Ansys Production, Value, Price, Gross Margin 2015-2020
Figure Ansys Production and Growth Rate
Figure Ansys Value (\$) Market Share 2015-2020
Table Dassault Systems Company Profile
Table Dassault Systems Production, Value, Price, Gross Margin 2015-2020
Figure Dassault Systems Production and Growth Rate
Figure Dassault Systems 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 CFD Market Forecast Production by Types (2020-2025)
Table Global CFD Market Forecast Production Share by Types (2020-2025)
Table Global CFD Market Forecast Value (\$) by Types (2020-2025)
Table Global CFD Market Forecast Value Share by Types (2020-2025)
Table Global CFD Market Forecast Consumption by Applications (2020-2025)

Table Global CFD Market Forecast Consumption Share by Applications (2020-2025)

I would like to order

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

Product link: <https://marketpublishers.com/r/29492F265712EN.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/29492F265712EN.html>