

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

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Abstracts

CFD is a software application that helps end-users analyze the flow, turbulence, and pressure distribution of liquids and gases, and their interaction with structures. It also helps in predicting fluid flow, mass transfer, chemical reactions, and related phenomena.

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

ESI Group

Autodesk

CEI

Dassault Systemes

Altair

CD-adapco

COMSOL

MSC Software

ANSYS
Mentor Graphics
Exa

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

Numerical Analysis
Data Structures

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

Aerospace & Defense
Automotive
Electrical & Electronics
Industrial Machinery
Material and Chemical Processing
Energy 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

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