

# Global Hadoop Market by Manufacturers, Countries, Type and Application, Forecast to 2023

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## Abstracts

Hadoop, the Apache Hadoop developed by Apache Software Foundation, is an open-source software framework for storing data and running applications on clusters of commodity hardware. It provides massive storage for any kind of data, enormous processing power and the ability to handle virtually limitless concurrent tasks or jobs.

The base Apache Hadoop framework is composed of the following modules:

² Hadoop Common – contains libraries and utilities needed by other Hadoop modules

² Hadoop Distributed File System (HDFS) – a distributed file-system that stores data on commodity machines, providing very high aggregate bandwidth across the cluster;

² Hadoop YARN – a platform responsible for managing computing resources in clusters and using them for scheduling users' applications; and

² Hadoop MapReduce – an implementation of the MapReduce programming model for large-scale data processing.

## SCOPE OF THE REPORT:

This report studies the Hadoop market status and outlook of Global and major regions, from angles of players, countries, product types and end industries; this report analyzes the top players in global market, and splits the Hadoop market by product type and applications/end industries.

The leading growing market is Asia Pacific, such as China, India, Japan, Korea, SEA, etc. USA and Europe are the mature market with relatively lower growth rate.

North America is the largest Hadoop market in the world these years, and USA is the largest country of Hadoop market in the world in the past few years and it will keep increasing in the next few years. USA market took up about 50% the global market in 2016 (90% of North America Hadoop market), while Europe was about 23.3%, and Asia-Pacific is followed with the share about 14.8%.

USA is now the most key developers of Hadoop distributions. There are some vendors with poor quality or introduced products, but the Chinese market is still controlled by the abroad vendors. And the high quality products are mainly supplied by overseas providers.

Cloudrea, Hortonworks, MapR Tech, Dell/EMC/Pivotal, IBM, Microsoft, Amazon Web Services are the key suppliers in the global Hadoop market. Top 3 took up about 56% of the global market in 2016. Cloudrea, Hortonworks and MapR Tech are the most popular Hadoop distributions in the world.

The global Hadoop market is valued at 1700 million USD in 2017 and is expected to reach 9400 million USD by the end of 2023, growing at a CAGR of 33.0% between 2017 and 2023.

The Asia-Pacific will occupy for more market share in following years, especially in China, also fast growing India and Southeast Asia regions.

North America, especially The United States, will still play an important role which cannot be ignored. Any changes from United States might affect the development trend of Hadoop.

Europe also play important roles in global market, with market size of xx million USD in 2017 and will be xx million USD in 2023, with a CAGR of xx%.

Market Segment by Companies, this report covers

Cloudrea

Hortonworks

MapR Tech

Dell/EMC/Pivotal

IBM

Microsoft

Amazon Web Services

Market Segment by Regions, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, UK, Russia and Italy)

Asia-Pacific (China, Japan, Korea, India and Southeast Asia)

South America (Brazil, Argentina, Colombia)

Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria and South Africa)

Market Segment by Type, covers

Cloud-based

On-premises

Market Segment by Applications, can be divided into

Manufacturing

Retail

Financial

Government

Others

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