

Global Genomics Market: Size, Trends & Forecast with Impact Analysis of COVID-19 (2022-2026)

<https://marketpublishers.com/r/G637A41535F1EN.html>

Date: January 2022

Pages: 123

Price: US\$ 1,200.00 (Single User License)

ID: G637A41535F1EN

Abstracts

Scope of the Report

The report titled “Global Genomics Market: Size, Trends & Forecast with Impact Analysis of COVID-19 (2022-2026)”, provides an in depth analysis of the Global genomics market by value, by product & services, by technology, by application, by end-user, by region, etc. The report provides a regional analysis of the genomics market, including the North America, Europe, Asia-Pacific, and Rest of World. The report also provides a detailed analysis of the COVID-19 impact on the Genomics market.

The report also assesses the key opportunities in the market and outlines the factors that are and will be driving the growth of the industry. Growth of the overall genomics market has also been forecasted for the period 2022-2026, taking into consideration the previous growth patterns, the growth drivers and the current and future trends.

The Global genomics Market is fragmented with many major market players operating worldwide. The laboratories of genomics have launched different types of products to cater to the different needs worldwide. The key players of the Global genomics market are Thermo Fisher Scientific Inc., Qiagen N.V., Illumina Inc. and Agilent Technologies Inc. are also profiled with their financial information and respective business strategies.

Company Coverage

Thermo Fisher Scientific Inc.

Qiagen N.V.

Illumina Inc.

Agilent Technologies Inc.

Regional Coverage

North America

Europe

Asia Pacific

Rest of World

Executive Summary

Genomics is the study of all of a person's genes (the genome), including interactions of those genes with each other and with the person's environment. Structural genomics, comparative genomics, and functional genomics are the three major disciplines of genomics.

The genomics market can be segmented on the basis of products & services (consumables, systems and software, and services), technology (sequencing, polymerase chain reaction (PCR), nucleic acid extraction and purification, microarray, and others), application (diagnostics, drug discovery and development, personalized medicine, agriculture & animal research, and others), and end-user (pharmaceutical & biotechnology companies, hospitals & clinics, academic & government institution, clinic research, and others).

While most of the industries worldwide suffered a negative impact of COVID-19, the Global genomics market witnessed a positive impact on it. The impact of a pandemic can be felt throughout multiple healthcare sectors, resulting in a variety of changes in the health care industry. Initially, scientists worked together to create and share genetic sequence data information, which was then used to aid in disease diagnosis and control efforts. With genomic sequencing, the market was able to track coronavirus variants as scientists warned that new variants increase the prevalence of infections and hospitalizations.

The Global genomics market has increased during the years 2019-2021 and projections are made that the market would rise in the next four years i.e. 2022-2026. The global genomics market is expected to increase due to the rising cancer incidence, fall in sequencing pricing, advent of industrial policy and inflow of pharmaceutical investments, favorable government initiatives in genomics, increasing prevalence of chronic diseases, increasing technological advancements in genomics field, rising demand for genetically modified crops (GMO crops), and growth in biotechnology sector. Yet the market faces some challenges such as, complexities and uncertainties, dearth of trained professionals, etc. ?

Contents

1. EXECUTIVE SUMMARY

2. INTRODUCTION

2.1 Genomics: An Overview

2.1.1 Subfields of Genomics

2.1.2 History of Genomics

2.1.3 Genetics v/s Genomics

2.1.4 Advantages and Disadvantages of Genomics

2.2 Genomics: Segmentation by Product & Services

2.2.1 Genomics Segmentation by Product & Services

2.3 Genomics: Segmentation by Technology

2.3.1 Genomics Segmentation by Technology

2.4 Genomics: Segmentation by Application

2.4.1 Genomics Segmentation by Application

2.5 Genomics: Segmentation by End-User

2.5.1 Genomics Segmentation by End-User

3. GLOBAL MARKET ANALYSIS

3.1 Global Genomics Market: An Analysis

3.1.1 Global Genomics Market by Value

3.1.2 Global Genomics Market by Products and Services (Consumables, Systems and Software, and Services)

3.1.3 Global Genomics Market by Technology (Sequencing, Polymerase Chain Reaction (PCR), Nucleic Acid Extraction and Purification, Microarray, and Others)

3.1.4 Global Genomics Market by Application (Diagnostics, Drug Discovery and Development, Personalized Medicine, Agriculture & Animal Research, and Others)

3.1.5 Global Genomics Market by End-User (Pharmaceutical & Biotechnology Companies, Hospitals & Clinics, Academic & Government Institution, Clinic Research, and Others)

3.1.6 Global Genomics Market by Region (North America, Europe, Asia Pacific and Rest of World)

3.2 Global Genomics Market: Product & Services Analysis

3.2.1 Global Genomics Consumables Market by Value

3.2.2 Global Genomics Systems and Software Market by Value

3.2.3 Global Genomics Services Market by Value

3.3 Global Genomics Market: Technology Analysis

- 3.3.1 Global Sequencing Genomics Market by Value
- 3.3.2 Global Polymerase Chain Reaction (PCR) Genomics Market by Value
- 3.3.3 Global Nucleic Acid Extraction and Purification Genomics Market by Value
- 3.3.4 Global Microarray Genomics Market by Value
- 3.3.5 Global Other Genomics Technologies Market by Value

3.4 Global Genomics Market: Application Analysis

- 3.4.1 Global Diagnostics Genomics Market by Value
- 3.4.2 Global Drug Discovery and Development Genomics Market by Value
- 3.4.3 Global Personalized Medicine Genomics Market by Value
- 3.4.4 Global Agriculture & Animal Research Genomics Market by Value
- 3.4.5 Global Others Genomics Application Market by Value

3.5 Global Genomics Market: End-User Analysis

- 3.5.1 Global Pharmaceutical & Biotechnology Companies Genomics Market by Value
- 3.5.2 Global Hospitals & Clinics Genomics Market by Value
- 3.5.3 Global Academic & Government Institution Genomics Market by Value
- 3.5.4 Global Clinical Research Genomics Market by Value
- 3.5.5 Global Other Genomics End-Users Market by Value

4. REGIONAL MARKET ANALYSIS

4.1 North America Genomics Market: An Analysis

- 4.1.1 North America Genomics Market by Value
- 4.1.2 North America Genomics Market Product & Services by Value
- 4.1.3 North America Genomics Market Technology by Value
- 4.1.4 North America Genomics Market Application by Value
- 4.1.5 North America Genomics Market End-User by Value
- 4.1.6 North America Genomics Market by Region (The US, Canada, and rest of North America)
- 4.1.7 The US Genomics Market by Value
- 4.1.8 Canada Genomics Market by Value
- 4.1.9 Rest of North America Genomics Market by Value

4.2 Europe Genomics Market: An Analysis

- 4.2.1 Europe Genomics Market by Value
- 4.2.2 Europe Genomics Market Product & Services by Value
- 4.2.3 Europe Genomics Market Technology by Value
- 4.2.4 Europe Genomics Market Application by Value
- 4.2.5 Europe Genomics Market End-User by Value
- 4.2.6 Europe Genomics Market by Region (UK, Germany, France, Italy, Spain, and

Rest of Europe)

- 4.2.7 UK Genomics Market by Value
- 4.2.8 Spain Genomics Market by Value
- 4.2.9 France Genomics Market by Value
- 4.2.10 Germany Genomics Market by Value
- 4.2.11 Italy Genomics Market by Value
- 4.2.12 Rest of Europe Genomics Market by Value

4.3 Asia Pacific Genomics Market: An Analysis

- 4.3.1 Asia Pacific Genomics Market by Value
- 4.3.2 Asia Pacific Genomics Market Product & Services by Value
- 4.3.3 Asia Pacific Genomics Market Technology by Value
- 4.3.4 Asia Pacific Genomics Market Application by Value
- 4.3.5 Asia Pacific Genomics Market End-User by Value
- 4.3.6 Asia Pacific Genomics Market by Region (China, Japan, India, and Rest of Asia Pacific)

Pacific)

- 4.3.7 China Genomics Market by Value
- 4.3.8 India Genomics Market by Value
- 4.3.9 Japan Genomics Market by Value
- 4.3.10 Rest of Asia Pacific Genomics Market by Value

4.4 Rest of the World Genomics Market: An Analysis

- 4.4.1 Rest of the World Genomics Market by Value

5. IMPACT OF COVID

5.1 Impact of COVID-19 on Global Genomics Market

- 5.1.1 Advent of New Variants of COVID
- 5.1.2 New Product Launches
- 5.1.3 New Partnerships
- 5.1.4 Merger and Acquisitions

6.MARKET DYNAMICS

6.1 Growth Driver

- 6.1.1 Rising Cancer Incidence
- 6.1.2 Fall in Sequencing Pricing, Advent of Industrial Policy and Inflow of Pharmaceutical Investments
- 6.1.3 Favorable Government Initiatives In Genomics
- 6.1.4 Increasing Prevalence of Chronic Diseases
- 6.1.5 Increasing Technological Advancements in Genomics Field

- 6.1.6 Rising Demand for Genetically Modified Crops (GMO crops)
- 6.1.7 Growth in Biotechnology Sector
- 6.2 Challenges
 - 6.2.1 Complexities and Uncertainties
 - 6.2.2 Dearth of Trained Professionals
- 6.3 Market Trends
 - 6.3.1 Healthcare Shift Towards Precision Medicine
 - 6.3.2 Third-Generation Sequencing (TGS)
 - 6.3.3 Exome Sequencing
 - 6.3.4 Direct-to-consumer Genetic Testing

7. COMPETITIVE LANDSCAPE

- 7.1 Global Genomics Market Players: A Financial Comparison
- 7.2 Global Genomics Market Players by Research & Development Expenses Comparison

8. COMPANY PROFILES

- 8.1 Thermo Fisher Scientific Inc.
 - 8.1.1 Business Overview
 - 8.1.2 Financial Overview
 - 8.1.3 Business Strategy
- 8.2 Qiagen N.V.
 - 8.2.1 Business Overview
 - 8.2.2 Financial Overview
 - 8.2.3 Business Strategy
- 8.3 Illumina Inc.
 - 8.3.1 Business Overview
 - 8.3.2 Financial Overview
 - 8.3.3 Business Strategy
- 8.4 Agilent Technologies Inc.
 - 8.4.1 Business Overview
 - 8.4.2 Financial Overview
 - 8.4.3 Business Strategy

List Of Figures

LIST OF FIGURES

Figure 1: Subfields of Genomics

Figure 2: History of Genomics

Figure 3: Difference between Genetics and Genomics

Figure 4: Advantages and Disadvantages of Genomics

Figure 5: Genomics Segmentation by Product & Services

Figure 6: Genomics Segmentation by Technology

Figure 7: Genomics Segmentation by Application

Figure 8: Genomics Segmentation by End-User

Figure 9: Global Genomics Market by Value; 2019-2021 (US\$ Billion)

Figure 10: Global Genomics Market by Value; 2022-2026 (US\$ Billion)

Figure 11: Global Genomics Market by Products and Services; 2021 (Percentage, %)
(consumables, systems and software, and services)

Figure 12: Global Genomics Market by Technology; 2021 (Percentage, %)

Figure 13: Global Genomics Market by Application; 2021 (Percentage, %)

Figure 14: Global Genomics Market by End-User; 2021 (Percentage, %)

Figure 15: Global Genomics Market by Region; 2021 (Percentage, %)

Figure 16: Global Genomics Consumables Market by Value; 2019-2021 (US\$ Billion)

Figure 17: Global Genomics Consumables Market by Value; 2022-2026 (US\$ Billion)

Figure 18: Global Genomics Systems and Software Market by Value; 2019-2021 (US\$ Billion)

Figure 19: Global Genomics Systems and Software Market by Value; 2022-2026 (US\$ Billion)

Figure 20: Global Genomics Services Market by Value; 2019-2021 (US\$ Billion)

Figure 21: Global Genomics Services Market by Value; 2022-2026 (US\$ Billion)

Figure 22: Global Sequencing Genomics Market by Value; 2019-2021 (US\$ Billion)

Figure 23: Global Sequencing Genomics Market by Value; 2022-2026 (US\$ Billion)

Figure 24: Global Polymerase Chain Reaction (PCR) Genomics Market by Value; 2019-2021 (US\$ Billion)

Figure 25: Global Polymerase Chain Reaction (PCR) Genomics Market by Value; 2022-2026 (US\$ Billion)

Figure 26: Global Nucleic Acid Extraction and Purification Genomics Market by Value; 2019-2021 (US\$ Billion)

Figure 27: Global Nucleic Acid Extraction and Purification Genomics Market by Value; 2022-2026 (US\$ Billion)

Figure 28: Global Microarray Genomics Market by Value; 2019-2021 (US\$ Billion)

Figure 29: Global Microarray Genomics Market by Value; 2022-2026 (US\$ Billion)

Figure 30: Global Other Genomics Technologies Market by Value; 2019-2021 (US\$ Billion)

Figure 31: Global Other Genomics Technologies Market by Value; 2022-2026 (US\$ Billion)

Figure 32: Global Diagnostics Genomics Market by Value; 2019-2021 (US\$ Billion)

Figure 33: Global Diagnostics Genomics Market by Value; 2022-2026 (US\$ Billion)

Figure 34: Global Drug Discovery and Development Genomics Market by Value; 2019-2021 (US\$ Billion)

Figure 35: Global Drug Discovery and Development Genomics Market by Value; 2022-2026 (US\$ Billion)

Figure 36: Global Personalized Medicine Genomics Market by Value; 2019-2021 (US\$ Billion)

Figure 37: Global Personalized Medicine Genomics Market by Value; 2022-2026 (US\$ Billion)

Figure 38: Global Agriculture & Animal Research Genomics Market by Value; 2019-2021 (US\$ Billion)

Figure 39: Global Agriculture & Animal Research Genomics Market by Value; 2022-2026 (US\$ Billion)

Figure 40: Global Others Genomics Application Market by Value; 2019-2021 (US\$ Billion)

Figure 41: Global Others Genomics Application Market by Value; 2022-2026 (US\$ Billion)

Figure 42: Global Pharmaceutical & Biotechnology Companies Genomics Market by Value; 2019-2021 (US\$ Billion)

Figure 43: Global Pharmaceutical & Biotechnology Companies Genomics Market by Value; 2022-2026 (US\$ Billion)

Figure 44: Global Hospitals & Clinics Genomics Market by Value; 2019-2021 (US\$ Billion)

Figure 45: Global Hospitals & Clinics Genomics Market by Value; 2022-2026 (US\$ Billion)

Figure 46: Global Academic & Government Institution Genomics Market by Value; 2019-2021 (US\$ Billion)

Figure 47: Global Academic & Government Institution Genomics Market by Value; 2022-2026 (US\$ Billion)

Figure 48: Global Clinical Research Genomics Market by Value; 2019-2021 (US\$ Billion)

Figure 49: Global Clinical Research Genomics Market by Value; 2022-2026 (US\$ Billion)

Figure 50: Global Other Genomics End-Users Market by Value; 2019-2021 (US\$ Million)

Figure 51: Global Other Genomics End-Users Market by Value; 2022-2026 (US\$ Million)

Figure 52: North America Genomics Market by Value; 2019-2021(US\$ Billion)

Figure 53: North America Genomics Market by Value; 2022-2026 (US\$ Billion)

Figure 54: North America Genomics Market Product & Services by Value; 2019-2021 (US\$ Billion)

Figure 55: North America Genomics Market Product & Services by Value; 2022-2026 (US\$ Billion)

Figure 56: North America Genomics Market Technology by Value; 2019-2021(US\$ Billion)

Figure 57: North America Genomics Market Technology by Value; 2022-2026 (US\$ Billion)

Figure 58: North America Genomics Market Application by Value; 2019-2021(US\$ Billion)

Figure 59: North America Genomics Market Application by Value; 2022-2026 (US\$ Billion)

Figure 60: North America Genomics Market End-User by Value; 2019-2021(US\$ Billion)

Figure 61: North America Genomics Market End-User by Value; 2022-2026 (US\$ Billion)

Figure 62: North America Genomics Market by Region; 2021 (Percentage, %)

Figure 63: The US Genomics Market by Value; 2021-2026 (US\$ Billion)

Figure 64: Canada Genomics Market by Value; 2021-2026 (US\$ Billion)

Figure 65: Rest of North America Genomics Market by Value; 2022-2026 (US\$ Million)

Figure 66: Europe Genomics Market by Value; 2019-2021 (US\$ Billion)

Figure 67: Europe Genomics Market by Value; 2022-2026 (US\$ Billion)

Figure 68: Europe Genomics Market Product & Services by Value; 2019-2021(US\$ Billion)

Figure 69: Europe Genomics Market Product & Services by Value; 2022-2026 (US\$ Billion)

Figure 70: Europe Genomics Market Technology by Value; 2019-2021(US\$ Billion)

Figure 71: Europe Genomics Market Technology by Value; 2022-2026 (US\$ Billion)

Figure 72: Europe Genomics Market Application by Value; 2019-2021(US\$ Billion)

Figure 73: Europe Genomics Market Application by Value; 2022-2026 (US\$ Billion)

Figure 74: Europe Genomics Market End-User by Value; 2019-2021(US\$ Billion)

Figure 75: Europe Genomics Market End-User by Value; 2022-2026 (US\$ Billion)

Figure 76: Europe Genomics Market by Region; 2021 (Percentage, %)

Figure 77: UK Genomics Market by Value; 2021-2026 (US\$ Billion)

- Figure 78: Spain Genomics Market by Value; 2021-2026 (US\$ Million)
- Figure 79: France Genomics Market by Value; 2021-2026 (US\$ Billion)
- Figure 80: Germany Genomics Market by Value; 2021-2026 (US\$ Billion)
- Figure 81: Italy Genomics Market by Value; 2021-2026 (US\$ Billion)
- Figure 82: Rest of Europe Genomics Market by Value; 2021-2026 (US\$ Billion)
- Figure 83: Asia Pacific Genomics Market by Value; 2019-2021(US\$ Billion)
- Figure 84: Asia Pacific Genomics Market by Value; 2022-2026 (US\$ Billion)
- Figure 85: Asia Pacific Genomics Market Product & Services by Value; 2019-2021 (US\$ Billion)
- Figure 86: Asia Pacific Genomics Market Product & Services by Value; 2022-2026 (US\$ Billion)
- Figure 87: Asia Pacific Genomics Market Technology by Value; 2019-2021(US\$ Billion)
- Figure 88: Asia Pacific Genomics Market Technology by Value; 2022-2026 (US\$ Billion)
- Figure 89: Asia Pacific Genomics Market Application by Value; 2019-2021(US\$ Billion)
- Figure 90: Asia Pacific Genomics Market Application by Value; 2022-2026 (US\$ Billion)
- Figure 91: Asia Pacific Genomics Market End-User by Value; 2019-2021(US\$ Billion)
- Figure 92: Asia Pacific Genomics Market End-User by Value; 2022-2026 (US\$ Billion)
- Figure 93: Asia Pacific Genomics Market by Region; 2021 (Percentage, %)
- Figure 94: China Genomics Market by Value; 2021-2026 (US\$ Billion)
- Figure 95: India Genomics Market by Value; 2021-2026 (US\$ Million)
- Figure 96: Japan Genomics Market by Value; 2021-2026 (US\$ Billion)
- Figure 97: Rest of Asia Pacific Genomics Market by Value; 2021-2026 (US\$ Billion)
- Figure 98: Rest of the World Genomics Market by Value; 2019-2021(US\$ Billion)
- Figure 99: Rest of the World Genomics Market by Value; 2022-2026 (US\$ Billion)
- Figure 100: Sequence Count of New Variants; 2020-2021 (log10)
- Figure 101: Top Product Launches; 2020
- Figure 102: Top Partnerships; 2020
- Figure 103: Top Merger and Acquisitions; 2020
- Figure 104: Global New Cancer Cases; 2018 & 2020 (Million)
- Figure 105: Investments and Projects in Genomics; (US\$ Million)
- Figure 106: Global Genomics Market Players by Research & Development Expenses Comparison; 2017-2020 (US\$ Million)
- Figure 107: Thermo Fisher Scientific Inc. Revenue; 2016-2020 (US\$ Billion)
- Figure 108: Thermo Fisher Scientific Inc. Revenue by Segment; 2020 (Percentage, %)
- Figure 109: Thermo Fisher Scientific Inc. Revenue by Region; 2020 (Percentage, %)
- Figure 110: Qiagen N.V. Net Sales; 2016-2020 (US\$ Billion)
- Figure 111: Qiagen N.V. Net Sales by Product Category; 2020 (Percentage, %)
- Figure 112: Qiagen N.V. Net Sales by Region; 2020 (Percentage, %)
- Figure 113: Illumina Inc. Revenue; 2016-2020 (US\$ Billion)

Figure 114: Illumina Inc. Revenue by Region; 2020 (Percentage, %)

Figure 115: Agilent Technologies Inc. Net Revenue; 2016-2020 (US\$ Billion)

Figure 116: Agilent Technologies Inc. Net Revenue by Segment; 2020 (Percentage, %)

Figure 117: Agilent Technologies Inc. Net Revenue by Region; 2020 (Percentage, %)

Table 1: Government-Funded Genomic-Medicine Initiatives

Table 2: Global Genomics Market Players: A Financial Comparison; 2020

I would like to order

Product name: Global Genomics Market: Size, Trends & Forecast with Impact Analysis of COVID-19 (2022-2026)

Product link: <https://marketpublishers.com/r/G637A41535F1EN.html>

Price: US\$ 1,200.00 (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/G637A41535F1EN.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

