

The real world evidence (RWE) market is projected to be worth USD 4.5 billion by 2030, growing at a CAGR of 15%

In modern healthcare, the applications of real world data-based insights are vast, ranging from drug discovery to supporting regulatory decision-making

LONDON, UNITED KINGDOM, March 3, 2021 /EINPresswire.com/ -- [Roots Analysis](#) has announced the addition of “Pharmaceutical and Life Sciences [Real World Evidence](#) Market, (2nd Edition), 2021-2030” report to its list of offerings.

The digitization of data and advances in information processing, have led to the development of a wide array of tools and analytical algorithms that can now be used to mine pharmaceutical big data. The insights generated from such studies are increasingly being used to drive important judgements concerning pharmacology and healthcare. Presently, big pharmaceutical companies are estimated to spend nearly USD 20 million on an annual basis, on the generation of real world evidence to support their respective product development programs.

To order this 350+ page report, which features 140+ figures and 170+ tables, please visit https://www.rootsanalysis.com/reports/view_document/pharmaceutical-real-world-

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Over 1,600 real-world data-based clinical studies have been registered across the globe, with oncological disorders, cardiovascular disorders, infectious diseases and neurological disorders being the key focus areas

Content Illustrative (details available upon request)

Real World Evidence
Geographical Distribution of Clinical Trials

Executive Insight
Chief Strategy Manager, a small company
Real world evidence is increasingly being used to make informed decisions on patient recruitment in clinical trials. Such studies generally take into consideration patients' medical health records, disease registries, and outcomes data, in order to determine the most suitable patient population for a particular trial. As pharmaceutical companies continue to conduct trials in different countries, it will eventually create enormous opportunities for real world evidence-related service providers.

Grid Analysis of Key Therapeutic Areas, 2017-Q3 2020

Therapeutic Areas	Key Indications	2017	2018	2019	2020	Example Players
Oncological Disorders	Lung Cancer	■	■	■	■	Amgen, AstraZeneca
	Colorectal Cancer	■	■	■	■	Roche, Bristol Myers Squibb
	Leukaemia	■	■	■	■	Novartis, AbbVie
Cardiovascular Disorders	Coronary Artery Disease	■	■	■	■	Roche, AstraZeneca
	Atrial Fibrillation	■	■	■	■	Boehringer Ingelheim, AstraZeneca
	Stroke	■	■	■	■	Boehringer Ingelheim, AstraZeneca
Infectious Diseases	Hepatitis	■	■	■	■	AbbVie, GSK
	HIV	■	■	■	■	AbbVie, GSK
Neurological Disorders	COVID-19	■	■	■	■	Roche, AstraZeneca
	Depression	■	■	■	■	Roche, AstraZeneca
	Schizophrenia	■	■	■	■	Roche, AstraZeneca
Anxiety	■	■	■	■	Roche, AstraZeneca	

Legend: ■ Up to 4 Trials ■ 5-9 Trials ■ 10-15 Trials ■ 15-20 Trials

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Real World Evidence
Stakeholder Needs Analysis

Executive Insight
Chief Strategy Officer, a small company
In recent years, several industry stakeholders have undertaken multiple initiatives, involving the use of real world evidence-based insights to guide professional decision-making; regulators and insurance providers / payers have also begun acknowledging the predictive power of real-world data and have also established the means to implement such insights in both pharmacological review and reimbursement-related decisions.

Future Relevance

Legend
● Needs of Manufacturer
● Needs of Regulator
● Needs of Payer
● Needs of Provider
● Needs of Patient

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Key Market Insights

Over 240 companies claim to offer real world evidence-related services for various applications

More than 45% of these companies are start-ups / small sized players (with less than 50 employees). It is also worth highlighting that 27% of the stakeholders in this market claim to use patient powered data; the second most popular source of real world data that is used by 26% of service providers is clinical setting data.

More than 90% of the companies involved in this upcoming field of research, are based in the developed regions

Within North America, most of the real world evidence focused companies are headquartered in the US. Considering its technological superiority and the fact that it is generally open to accepting new paradigms, the US market is presently considered a hub for real world data research. In Europe, companies that claim to specialize in real world evidence are distributed across the UK, France, Ireland, and Switzerland.

Over 100 global events related to real world evidence were organized in the past couple of years

Among the active industry players, Pfizer participated in most of these events (70), followed by Merck, Janssen, Sanofi, Amgen, Eli Lilly, GSK and AstraZeneca. These events featured the participation of several non-industry players as well, which includes US FDA, University of California, Harvard Medical School and Stanford University.

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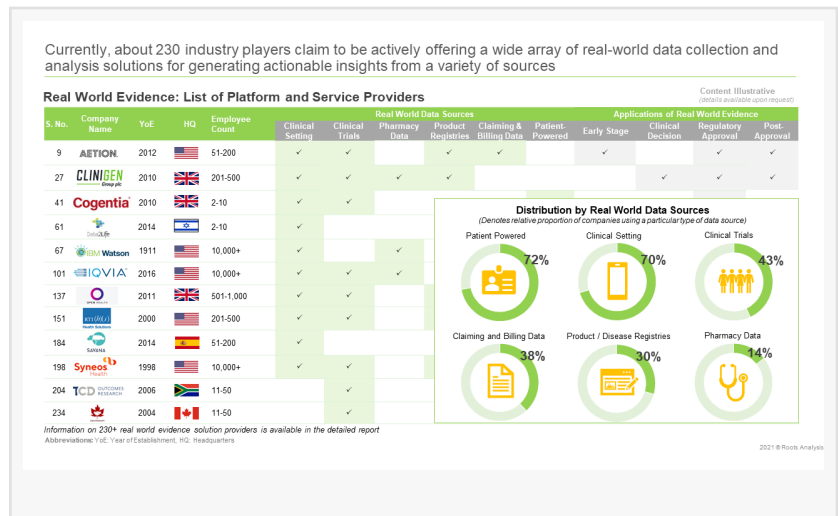
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Close to 2,200 articles on real world evidence have been published in reputed scientific journals since 2016

More than 20% of the publications mentioned in the report, were focused on generating / using real word evidence-based insights for the assessment of treatment safety / effectiveness of various medical products. Popular journals, in terms of number of real-world evidence-related articles published, include Pharmacoepidemiology and Drug Safety, The New England Journal of Medicine, Diabetes Therapy, and Diabetes, Obesity and Metabolism.

In the last 10 years, close to 1,600 clinical trials informed using real world evidence have been registered

The number of such trials, that have been registered in the recent past, have increased at a CAGR of 21% from 2010 to 2019. Majority of these trials are focused on cardiovascular disorders,



oncological disorders and neurological disorders. Amidst the COVID-19 pandemic, several trials focused on the novel coronavirus related condition have been informed using real world data.

North America and Europe are anticipated to capture over 65% of the market share by 2030. Based on the analysis in the report, the North American real world evidence market is estimated to grow at the fastest pace (around 16% annualized growth), in terms of service revenues. Further, it is worth mentioning that the real world evidence services market in the Latin America is anticipated to grow annually at 15.5%, followed by Middle East and North Africa (12.7%).

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Key Questions Answered

- Who are the leading players offering real world evidence-related services?
- What is the current regulatory framework related to generation of real world data across various geographies?
- What are the key drivers of acquisition activity within the real world evidence market?
- Where in the world are clinical trial informed using real world evidence, being conducted?
- How has the COVID-19 pandemic impacted the real world evidence market?
- What is the cost saving potential associated with the use of real world evidence in drug discovery research?
- How is the current and future opportunity likely to be distributed across key market segments?

The USD 4.5 billion (by 2030) financial opportunity within the real world evidence market has been analyzed across the following segments:

- Type of Application
 - Early Stage Research
 - Clinical Development
 - Regulatory Approval, Pricing / Reimbursement
 - Post-Approval Studies

□ Types of Real World Data Sources

- Medical Claims
- Clinical Trials
- Clinical Setting
- Patient Powered
- Other Data Sources

□ Therapeutic Area

- Autoimmune Disorders
- Cardiovascular Disorders

- Infectious Diseases
- Metabolic Disorders
- Neurological / Psychiatric Disorders
- Oncological Disorders
- Respiratory Disorders
- Other Disorders

- Geography
- North America
- Europe
- Asia-Pacific
- Latin America
- Middle East and North Africa
- Rest of the World

The report features inputs from eminent industry stakeholders, according to whom the use of real world evidence has the potential to reduce drug approval timelines by about five years, and the associated capital investment in R&D, by 50-60%. The report includes detailed transcripts of the discussions held with the following industry experts:

- Dimor BH Epstein (Founder, Data2Life)
- Bernardo Santa (Chief Operating Officer, Adarna Health Data)
- Jonathan Moshinsky (Chief Strategy Officer, uMotif)
- Anonymous (Vice President, A Big Pharmaceutical Company)
- Wirth Peter (Vice President, RTI Health Solutions)
- Douglas Drake (Senior Director, Clinerion)
- Jane Reed (Director, Life Sciences, Linguamatics)
- Anonymous (Savana)

The research includes profiles of some of the key players (listed below) in this field, each profile features an overview of the company, information related to its real world evidence-related technologies / platforms / services portfolio, recent developments and an informed future outlook.

- Clinerion
- Clinigen Group
- Cognizant Analytics
- Evidera
- HealthCore
- IBM Watson Health (IBM)
- ICON
- QVIA
- Medpace
- NorthWest EHealth

□OptumInsight
□Oracle
□BAREXEL
□BerkinElmer
□SAS
□Syneos Health
□TriNetX

For additional details, please visit

https://www.rootsanalysis.com/reports/view_document/pharmaceutical-real-world-evidence-market/261.html

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