merative™

MERATIVE MARKETSCAN RESEARCH DATABASES

Data assets for government, non-profit, and academic research

Merative MarketScan Research Databases can
help researchers:

– Conduct comparative effectiveness research

– Gauge the effect of health policy

– Calculate the total burden of illness

– Improve healthcare treatment guidelines

– Inform business and public healthcare policy

– Benchmark best practices

– Articulate therapeutic value

Dynamic research quality

The Merative™ MarketScan® Research Databases contain de-identified records for more than 293 million patients since 1995, in order to provide a patient-centric perspective reflecting real-world treatment patterns and the cost of care. Data are characterized by strong longitudinal integrity, depth of clinical detail, and unique data elements that address laboratory test results, dental care, hospital drugs, clinical data, health and productivity data, self-reported health risks, and benefit plan design information..

Among the most published databases in the US

Launched in 1989, the MarketScan Research Databases have served as the basis for more than 3,500 peer-reviewed articles since 1990, making a substantial contribution to the body of literature used to formulate policy decisions and improve healthcare for Americans. Researchers can utilize the MarketScan Research Databases to access information to help them understand disease progression, treatment patterns, health outcomes and the associated costs to patients, employers, and insurers.

– Nationally representative: age, gender, geography and type of coverage

– Linked to absenteeism and disability records, lab test results, dental claims and health risk assessments

– Continuous enrollment over multiple years with records since 1992

– Robust cohort sizes for detailed analyses

– Payment details, including copayments

– Demographic, clinical, utilization and financial profiles of patients

– Individual patients linked to their actual claims

– Data from providers of care: inpatient, outpatient, outpatient pharmacy, mail order and specialty pharmacy

– Detailed plan and eligibility descriptions

– Statistically de-identified to meet HIPAA privacy requirements

– Online access to time-saving information and tools

Contributing to more than 3,500 peer-reviewed publications over 30 years.

Databases

The privately insured population
The Merative MarketScan Commercial Database provides researchers with in-depth, cross-sectional and longitudinal views of healthcare practices and costs for the American working population and their dependents. Fully adjudicated, patient-level claims are linked with other MarketScan Research Databases. Linking data at the patient level can help enhance the insights derived from claims-based research.

The Medicare population
For the fast-growing, over-65 age group, retrospective studies and forecasting analyses may be conducted using the Merative MarketScan Medicare Database. The database includes the employer-paid portion and out-of-pocket patient expenses for both Advantage and Supplemental plans, as well as the Medicare-covered portion of payment (represented as Coordination of Benefits Amount or COB) for Supplemental plans. The inclusion of both Advantage and Supplemental data into one database provides a more representative, complete, and longitudinal view of the commercially-insured age 65+ U.S. population, and creates opportunities for unique analyses, such as comparing costs and utilization between Advantage and Supplemental enrollees.

The Medicaid population
The Merative MarketScan Multi -State Medicaid Database pools claims from 47 million Medicaid enrollees from 8-12 geographically dispersed states. In addition to inpatient, outpatient, drug and enrollment files that are similar to those found in the other MarketScan Research Databases, the MarketScan Multi-State Medicaid Database includes a long-term care claims file that captures nursing home stays, home healthcare and long-term care services. In addition to standard demographic variables, such as patient age and gender, this database includes variables that may be of particular value to researchers investigating Medicaid populations, such as aid category (for example, blind or disabled, Medicare eligible) and race.

Health and productivity
Researchers have used data from the MarketScan Research Databases to quantify the total burden of illness (direct and indirect costs) and calculate the return on investment for insurer-and employer- based demand management initiatives. The Merative MarketScan Health and Productivity Management Database contains data on workplace absence, short-term and long-term disability and workers' compensation dating back to 1997 and is directly linked to individual patients' de-identified medical and drug claims.

Health risks and behaviors
When you need to understand the relationship between patient behavior and health outcomes, health risk assessment (HRA) data can be helpful. HRA data provide self-reported information on clinical variables that may otherwise be unavailable. Like other MarketScan Research Databases, the Merative MarketScan Health Risk Assessment Database standardizes and links HRA data with the claims experience of patients — presenting an opportunity for innovative research. The MarketScan Health Risk Assessment Database has significant overlap with the MarketScan Health and Productivity Management Database and can be used to enhance health and productivity studies.

Lab test results
Merative MarketScan Lab Database clinically enriches the medical and prescription drug data of millions of patients already in the MarketScan Research Databases by linking patients' claims data with lab test results obtained from large independent laboratories. These test results allow you to measure outcomes using clinical guidelines and markers, which can help you to better understand how well a drug is performing in a real-world clinical setting and how differences in treatment patterns can potentially affect clinical outcomes.

Dental care and medical conditions
By linking dental and medical/pharmacy claims, the Merative MarketScan Dental Database allows researchers to understand the potential relationship between dental care and medical conditions. This is one of the only research databases of its kind that allows researchers to follow the entire continuum of healthcare, including services received in the dental office.

One of the largest claims databases available for licensing, with more than 293 million unique patients since 1995.

Sample data elements

Demographic information

– Enrollee identifier

– Relation to primary insured employee

– Age of patient

– Gender of patient

– Industry group

– Employment classification

– Employment status

– Census region

– State

– Metropolitan statistical area

Insurance features

– Plan type

– Coverage limitations

– Maximum out-of-pocket

Financial information

– Net payments

– Coordination of benefits

– Capitation payments

– Total admission payments

– Payments to facilities accounts and providers

– Deductible and copayment amounts

Inpatient and outpatient medical information

– Admission date/service date

– Admission type/service type

– Diagnosis related group

– Discharge status

– Length of stay

– Major diagnostic category – Place of service

– Provider identification – Provider type

– Primary/secondary diagnosis and service codes

Drug information

– Average wholesale price – Days supplied

– Generic product ID

– National drug code

– Prescription drug payment – Refill number

– Therapeutic class

– Retail/mail order

Enrollment information

– Date of enrollment/ disenrollment

– Member days

– Payments to facilities accounts and providers

– Deductible and copayment amounts

Additional data elements for health and productivity

Absenteeism information

– Dates/hours of absence

– Absence Type (sick, leave, disability, recreational, etc.)

Short-term disability information

– Case days

– Disability type

– Total Payments

Workers' compensation information

– Body part injured

– Case days

– Cause of injury

– Indemnity payments – Medical payments

Data Licensing Options

– Complete years of data are available for purchase by university, non- profit organizations, and Federal, State, and local agencies

– Custom subsets are available, developed for specific grant - or internally funded studies to reflect specific populations or data years of interest

– Treatment Pathways, an online analysis tool, is available to support researchers and provides an interactive solution for hypothesis-driven investigations

Research Services Options

– Merative analysts, programmers, and subject matter experts are available to collaborate, design, and execute research studies

About MarketScan

MarketScan by Merative provides deidentified, longitudinal, patient-level closed claims and specialty data for 293M+ patients sourced directly from a diverse pool of payers. Industry-leading researchers rely on MarketScan to derive valuable insights pertaining to health economics and outcomes research, treatment patterns, and disease progression across the industry resulting in more than 3,500 peer-reviewed manuscripts.

Learn more at
merative.com/real-world-evidence

About Merative

Merative is a data, analytics and technology partner for the health industry, including providers, payers, life sciences companies and governments. With trusted technology and human expertise, Merative works with clients to drive real progress. Merative helps clients reassemble information and insights around the people they serve to improve healthcare delivery, decision making and performance. Merative, formerly IBM Watson Health, became a new standalone company as part of Francisco Partners in 2022.

Learn more at merative.com.