Cerner Real-World Data

STREAMLINE YOUR MOLECULE TO BEDSIDE PROCESS

Transform research with real-world data

Research and life science organizations need clinical data to construct research questions, identify clinical patterns and validate algorithms under real-world conditions. But often, this data is complex and access to large, de-identified clinical data sets can be difficult to procure.

Why choose Cerner Real-World Data?

Cerner Real-World Data™ is a national, de-identified, person-centric data set solution that enables your organization to leverage longitudinal record data from contributing organizations. You can create volumes of de-identified information for retrospective analysis and post-market surveillance to help support health care outcomes.

The challenges researchers face to leverage real-world data

- Quality and completeness limit the ability to generate meaningful insights
- Data source variability creates aggregation challenges across systems
- Insights are rarely fed back into clinical setting
- Claims and Rx-based data sets fail to capture over-the-counter and supplement use
- Data is often incomplete or not unified across sources
- Insights from non-EHR data sources don’t easily translate into clinical practice

Leveraging Cerner Real-World Data, your organization can:

- Identify opportunities to help improve patient outcomes
- Query data to meet your research needs
- Uncover new areas for clinical research
- Develop real-world-based patient cohorts
- Analyze data in a flexible, cloud-based environment

Data elements refreshed quarterly, including:

- ALLERGIES
- CONDITIONS
- DEMOGRAPHICS
- ENCOUNTERS
- IMMUNIZATIONS
- MEDICATIONS AND MEDICATIONS ADMINISTRATION
- ORDER LISTS
- PROCEDURES
- RESULTS

Cerner Real-World Data by the numbers

- 409M CONDITIONS
- 26B LAB RESULTS
- 254M MEDICATIONS
- 92M PATIENTS
- 776M TOTAL ENCOUNTERS

*All data pulled from HealtheIntent® and current as of September 2020

1 Leveraging Cerner standard ontologies to standardize and account for results among disparate coding systems for procedures, conditions, medications, results and immunizations

2 Calculated using distinct person IDs, which leverage a multipoint match algorithm to account for and remove duplicates within a single health system; patients who have visited multiple health systems may appear more than once in the data

3 Total encounters represent the total sum of outpatient, inpatient and emergency encounters

Ready to learn more? Contact us at realworlddata@cerner.com.