

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.

The challenges researchers face

to leverage real-world data

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

Why choose Cerner Real-World Data?

Cerner Real-World Data™ is a national, de-identified, person-centric data set solution that helps enable 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 healthcare outcomes.

Data elements refreshed monthly include:

- Conditions
- Demographics
- Encounters
- Immunizations
- Medications and medication administration
- Order lists
- Procedure results



Leveraging Cerner Real-World Data, your organization can:

- ✓ Identify opportunities to **help improve patient outcomes**
- ✓ Query data to **support your research needs**
- ✓ **Uncover new areas** for clinical research
- ✓ **Access real-world data** from nationwide contributors
- ✓ Analyze data in a **flexible, cloud-based environment**

Cerner Real-World Data by the numbers*



* All data pulled from HealthIntent® and current as of April 2021.

¹ Number of patient visits (encounters) that include at least one condition or medication. Specific disease counts derived from Condition table are number of encounters with at least one instance of that disease recorded. Cerner standard ontologies are leveraged to standardize diseases among disparate coding systems (i.e.: ICD-10-CM, SNOMED, etc.)

² Clinical results comprises individual labs, clinical events, and measurements captured during a patient's visit (encounter).

³ 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.

⁴ Total encounters represent the total sum of outpatient, inpatient and emergency encounters.

Ready to learn more? Visit: www.cerner.com/solutions/real-world-data