ORACLE

Oracle Health Real-World Data

Real-world datasets that enable more informed decision making

Real-world evidence is crucial to decision making when used in conjunction with clinical trials and other research activities. The size and scope of Oracle Health Real-World Data is vast, and is fueled by the Oracle Learning Health Network which includes a diverse community of 176 health systems* and growing.

Oracle Health Real-World Data**

115 Million Patients[1]

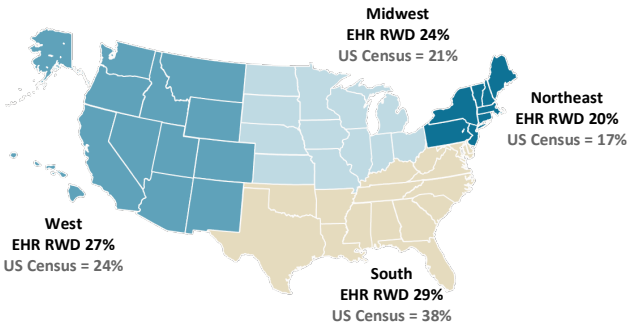
1B Outpatient encounters	**850M** Condition encounters [2]	**211M** Immunizations [3]
65M Inpatient encounters	**478M** Medication encounters	**65B** Clinical results [3,4]
145M Emergency encounters	**516M** Procedures [3]	

- With 115+ million patients we can confidentially describe and examine patients with rare diseases and other targeted populations.
- We can support the patient's longitudinal clinical journey across outpatient, emergency, and inpatient settings.
- We can strengthen your claims analyses with linked EHR-Claims data.
- We can enhance the generalizability of your results using the rich social determinants of health data available in the EHR

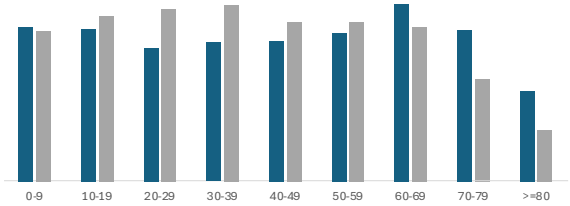
*Number of health systems as of April 22, 2025. **All data pulled from Oracle Health Data Intelligence and current as of February 2025; [1] Calculated using distinct person IDs, which leverage a multipoint match algorithm to account for and remove duplicates within a single health system; patients who have visited multiple health systems may appear more than once in the data.; [2] Number of patient visits (encounters) that include at least one condition or medication. [3] Each number of individual clinical results, procedures, or immunizations are counted; [4] Clinical results comprises individual labs, clinical events, and measurements captured during a patient's visit (encounter).

Oracle Health Real-World Data metrics

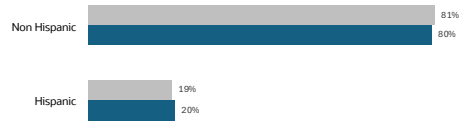
Geographical representation [5]



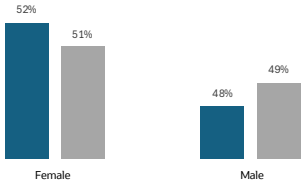
Age [7]



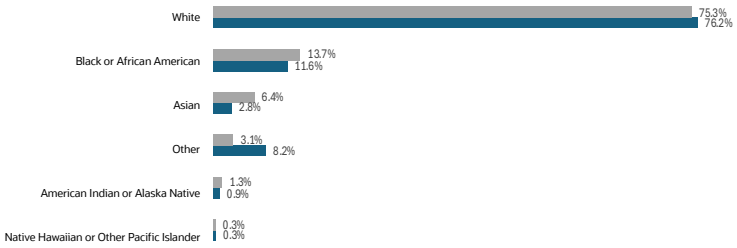
Ethnicity[6]



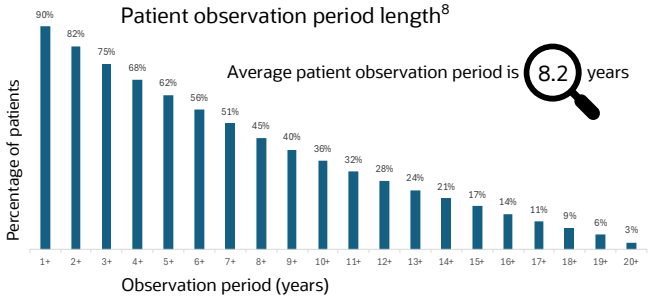
Gender[7]



Race[6]



Patient observation period length[8]



*All EHR RWD data current as of February 2025 and pulled from Oracle Health Data Intelligence; [5] EHR RWD calculated with distinct patient (person ID) counts per state aggregated into four U.S. Census regions. Distinct person IDs 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. Regional U.S. Census data are based on U.S. Census July 1, 2024 Annual Estimates of the Resident Population for the U.S., District of Columbia, and Puerto Rico. [6] Not an exhaustive list. EHR RWD race and ethnicity percentages calculated from categories that align to CDC race concepts. U.S. Census data are based on July 1, 2023 Annual Estimates of the Population by Race and Hispanic Origin for the United States. [7] EHR RWD age as of February 2025 among patients with an encounter in the last 12 months. EHR RWD gender inclusive of only female and male categories for HIPAA deidentification purposes. Age and gender U.S. Census data are based on U.S. Census 2023 Population by Age and Sex. [8] Observation period calculated by comparing date difference in years between the first and last encounter for distinct person IDs with at least five encounters and limited to a 20-year period. Average patient observation period years calculated by adding total observation period, including half year counts to account for the span between years, and dividing by the number of patients.

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