

Essentia Health

<https://www.essentiahealth.org/education-research>

PCORnet® Network Partner in STAR since 2018

The purpose of this Site Profile is to provide an overview of the basic research processes at Essentia Health. This profile can help you understand: the types of patients within the electronic medical records; current PCORnet® Study participation; patient recruitment methods and institutional procedures related to Institutional Review Board and contracting; and data linkages.

Table 1. Characteristics of the patient population between January 1 – December 31, 2024

The characteristics of the patient population presented in this table are based on data from the health system’s electronic health records mapped to the PCORnet® Common Data Model as of September 2025 and do not reflect any public-facing or official characteristics reported by the health system or its partners. This data can be used to help inform researchers of the types of patients, care settings, and location data that are available for research.

| Unique Patient Records | 500,001-1,000,000 [presented as range] |
|---|---|
| AGE IN YEARS | % |
| Children 0-9 | 11 % |
| Children 10-19 | 11 % |
| Adults 20-34 | 17 % |
| Adults 35-54 | 23 % |
| Adults 55-64 | 13 % |
| Adults 65-74 | 14 % |
| Adults 75+ | 11 % |
| SEX | |
| Female | 53 % |
| Male | 47 % |
| Unknown | <1 % |
| Missing | 0 % |
| RACE | |
| White | 90 % |
| Black or African American | 3 % |
| Asian | <1 % |
| Multiple race | <1 % |
| American Indian or Alaska Native | 3 % |
| Native Hawaiian or Other Pacific Islander | <1 % |
| Unknown | 3 % |
| Missing | 0 % |
| HISPANIC | |
| No | 96 % |
| Yes | 2 % |
| Unknown | 3 % |
| Missing | 0 % |
| CARE SETTING – <i>patients may have more than one encounter type</i> | |
| Ambulatory Visit | 93 % |
| Emergency Department | 18 % |
| Telehealth | 13 % |
| Inpatient hospital stay | 6 % |
| Emergency to inpatient | 0 % |
| Observation stay | 0 % |
| Non-acute institutional stay | 1 % |
| AREA DEPRIVATION INDEX | |
| Quartile 1 (Highest Socioeconomic Status) | 30 % |
| Quartile 2 | 38 % |
| Quartile 3 | 28 % |
| Quartile 4 (Lowest Socioeconomic Status) | 4 % |
| Missing | 1 % |

| RURAL-URBAN RESIDENCE | |
|-------------------------------|------|
| Metropolitan/Urban area | 46 % |
| Micropolitan/Large rural area | 18 % |
| Small town | 16 % |
| Isolated rural area | 20 % |
| Missing | <1 % |
| US STATE* | |
| Minnesota | 63 % |
| North Dakota | 24 % |
| Wisconsin | 11 % |

*For state data, the site profile report will only list states with ≥ 10% of the patients

PCORnet® Study Leadership (Studies listed below where Essentia Health is the lead site)

Consented Studies (interventional trials & studies with patient-reported data collection)

None

Observational Studies

None

Data Science

None

Engagement (for example, PCORI-funded Science of Engagement projects)

None

PCORnet® Study Participation (Studies listed below where Essentia Health is participating)

Consented Studies (interventional trials & studies with patient-reported data collection)

- ACTIV-6: COVID-19 Study of Repurposed Medications
- Aspirin Dosing: A Patient-Centric Trial Assessing Benefits and Long-term (ADAPTABLE)
- Implementation pRogram to Improve Screening and management for CKD in diabetes (IRIS-CKD)
- Pragmatic Evaluation of Events and Benefits of Lipid-Lowering in Older Adults (PREVENTABLE)
- PRECIDENTD - PREvention of Cardiovascular and DiabEtic kidNey disease in Type 2 Diabetes
- VictORION-INCLUSION: Evaluating Inclisiran for Cholesterol Management in Heart Disease (V-INCLUSION)

Observational Studies

None

Data Science

None

Engagement (for example, PCORI-funded Science of Engagement projects)

- Measurement Matters: Refining and Validating a Patient-Centered Outcomes Research Engagement Measure

Participant Recruitment Capabilities

Mechanisms

- Patient portal
 Email
 Post mail
 Schedule-driven clinic intercept

Outreach

- System-wide outreach permitted
 Clinic-specific outreach (physician approval required)

Institutional Review Board (IRB) Policy

- Recruitment messaging with “opt-out” language permitted

Primary Patient Groups

- Adult
 Pediatric
 Safety net

Institutional Procedures

Institutional Review Board (IRB) Arrangements

- May rely on single/central IRB for federally mandated studies only
- May rely on single/central IRB for non-federally mandated studies
- May accept commercial IRB review

Order of Activation

- IRB approval required before contract execution
- Contract execution required before IRB approval
- IRB and contract can be executed in parallel

Administrative Efficiencies

- Will accept PCORnet[®] Master Clinical Research Agreement without redlines for PCORI-funded studies
- Has signed the PCORnet[®] Master Data Sharing Agreement
- Has contracted directly with Industry funders

Linkage with Other Data Sources

Health Plan Claims

Name(s) of Plan(s)

- In same or adjacent data mart with common ID
- Established linkage infrastructure and regulatory

Other (non-EHR) Data

Name(s) of Data Source(s)

- Linked in DataMart*
- Established linkage infrastructure and regulatory

*DataMart refers to a specific data source consisting of data collected, captured or otherwise obtained by the health system. Each site's PCORnet DataMart houses data standardized to the PCORnet[®] Common Data Model.

Essentia Health is a Network Partner in PCORnet[®] which has been developed with funding from the Patient-Centered Outcomes Research Institute[®] (PCORI[®]). Essentia Health's participation in PCORnet is funded through a PCORI Award (RI-VUMC-01-PS9). PCORnet[®] is intended to improve the nation's capacity to efficiently conduct patient-centered health research, particularly comparative clinical effectiveness research (CER), by providing a large, highly representative network of health data, research expertise, and patient insights.

