

## Medical University of South Carolina

<https://medicine.musc.edu/departments/centers/bmic>

PCORnet® Network Partner in STAR since 2018

The purpose of this Site Profile is to provide an overview of the basic research processes at the Medical University of South Carolina. 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	<100,000 [presented as range]
<b>AGE IN YEARS</b>	<b>%</b>
Children 0-9	13 %
Children 10-19	10 %
Adults 20-34	15 %
Adults 35-54	22 %
Adults 55-64	14 %
Adults 65-74	15 %
Adults 75+	11 %
<b>SEX</b>	
Female	58 %
Male	42 %
Unknown	<1 %
Missing	0 %
<b>RACE</b>	
White	54 %
Black or African American	38 %
Asian	1 %
Multiple race	0 %
American Indian or Alaska Native	<1 %
Native Hawaiian or Other Pacific Islander	<1 %
Unknown	7 %
Missing	<1 %
<b>HISPANIC</b>	
No	92 %
Yes	5 %
Unknown	2 %
Missing	<1 %
<b>CARE SETTING</b> – <i>patients may have more than one encounter type</i>	
Ambulatory Visit	74 %
Emergency Department	36 %
Telehealth	0 %
Inpatient hospital stay	11 %
Emergency to inpatient	0 %
Observation stay	0 %
Non-acute institutional stay	0 %
<b>AREA DEPRIVATION INDEX</b>	
Quartile 1 (Highest Socioeconomic Status)	20 %
Quartile 2	18 %
Quartile 3	26 %
Quartile 4 (Lowest Socioeconomic Status)	33 %
Missing	3 %

**RURAL-URBAN RESIDENCE**

Metropolitan/Urban area	74 %
Micropolitan/Large rural area	15 %
Small town	7 %
Isolated rural area	3 %
Missing	<1 %

**US STATE\***

South Carolina	97 %
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\*For state data, the site profile report will only list states with ≥ 10% of the patients.

**PCORnet® Study Leadership (Studies listed below where Medical University of South Carolina 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 Medical University of South Carolina is participating)**

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

- ACTIV-6: COVID-19 Study of Repurposed Medications
- Clinical Outcomes of Medications Post Anti-TNF: Researching Effectiveness in Pediatric IBD
- Neuroendocrine Tumors – Patient Reported Outcomes (NET-PRO)
- 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
- TEAMS-BP: Telehealth-Enhanced Assessment and Management after Stroke-Blood Pressure - Feasibility Phase
- TEAMS-BP: Telehealth-Enhanced Assessment and Management after Stroke-Blood Pressure - Full Study Phase
- The Covid-19 and Diabetes Assessment (CODA) Study
- VictORION-INCLUSION: Evaluating Inclisiran for Cholesterol Management in Heart Disease (V-INCLUSION)

**Observational Studies**

- Empagliflozin Diabetic Kidney Disease (Empa DKD)
- The RECOVER Post-Acute Sequelae of SARS-CoV-2 (PASC) Electronic Health Record (EHR) Cohort Study
- Understanding the Short- and Long-term Effects of Disasters and other Big Events on the Overdose Crisis
- Using PCORnet to Compare Blood Pressure Control Strategies

**Data Science**

- USDHub: community resource for Urinary Stone Disease research

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

None

**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<sup>®</sup> Master Clinical Research Agreement without redlines for PCORI-funded studies  
 Has signed the PCORnet<sup>®</sup> Master Data Sharing Agreement  
 Has contracted directly with Industry funders

**Linkage with Other Data Sources**

**Health Plan Claims**

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

**Name(s) of Plan(s)**

Blue Cross Blue Shield; Managed Care; Medicare; Medicaid; Worker's Compensation

**Other (non-EHR) Data**

- Linked in DataMart\*  
 Established linkage infrastructure and regulatory

**Name(s) of Data Source(s)**

Cancer Registry under Tumor table name

\*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<sup>®</sup> Common Data Model.

Medical University of South Carolina is a Network Partner in PCORnet<sup>®</sup> which has been developed with funding from the Patient-Centered Outcomes Research Institute<sup>®</sup> (PCORI<sup>®</sup>). Medical University of South's participation in PCORnet is funded through a PCORI Award (RI-VUMC-01-PS9)]. PCORnet<sup>®</sup> 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.