NCPCR Cohort Discovery

About the NCPCR

The National Institutes of Health (NIH) Community Engagement Alliance (CEAL) works to promote health, improve health outcomes, and strengthen partnerships through community-engaged research. The Network for Community-Engaged Primary Care Research (NCPCR) is a primary care research network within NIH CEAL. The NCPCR team uses community-engaged methods to design and test interventions to address differences in health outcomes and improve participation in research. NCPCR includes 25 health centers across three different primary care networks - Health Choice Network (HCN), the Southeast Regional Clinicians Network (SERCN), and OCHIN (not an acronym). See Figure 1.

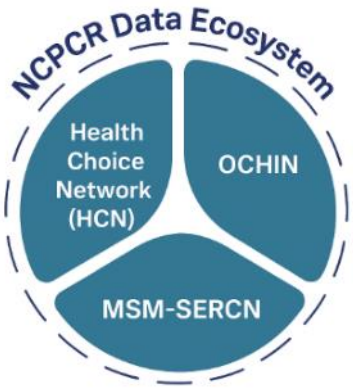


Figure 1. NCPCR includes health centers from HCN, MSM-Southeast Regional Clinicians Network (SERCN), and OCHIN.

The NCPCR program (see Figure 2) has two main components:

(1) a data ecosystem that uses the existing data warehouse capabilities and electronic health record (EHR) data from primary care settings in CEAL communities.

(2) a clinical trial titled Community Health Workers Systematically Assessing and Addressing Social Determinants of Health to Improve Outcomes in Community-based Health Centers (CHW-SYSTIM) conducted in the primary care setting.

Primary Care Research Centers

Morehouse School of Medicine (MSM) leads the Southeast Regional Clinicians Network (SERCN) within the National Center for Primary Care (NCPC), which is the only congressionally sanctioned center dedicated to primary care. SERCN is an Agency for Health Care Research and Quality and a designated practice-based research network that includes federally qualified health centers (FQHCs) and primary care associations across eight southeastern states, providing robust infrastructure and expertise for community-engaged research.

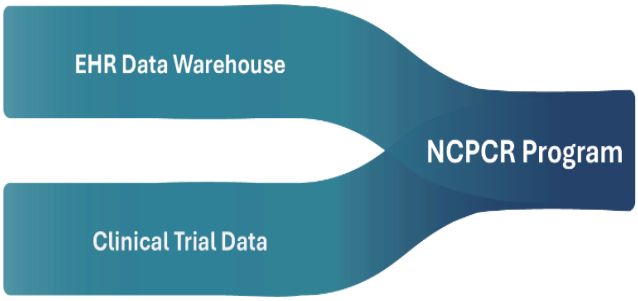


Figure 2. The NCPCR Program components include information from the EHR data warehouse and clinical trial data.

OCHIN and **Health Choice Network (HCN)** are national Health Center Controlled Networks and health information technology providers. Through the PCORI-funded ADVANCE Clinical Research Network, both OCHIN and HCN have shared research data infrastructure including the PCORnet® Common Data Model (CDM) and

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ADVANCE research data warehouse. ADVANCE seeks to increase the inclusion of patients who receive care in FQHCs in research.

Introducing the NCPCR Cohort Discovery

The NCPCR Data Ecosystem includes a standard set of EHR data elements (demographic, clinical, and social determinants of health measures), needed for the RCT, for patients from the 25 enrolled health centers.

Recognizing that many researchers across the CEAL Initiative may benefit from access to the data in the NCPCR Data Ecosystem, we have created the **NCPCR Cohort Discovery Tool.** This free-to-use, web-based, drag-and-drop interface allows exploratory queries of the NCPCR Data Ecosystem to estimate patient cohort size and demographic distribution for preparatory-to-research purposes. These queries can be executed from your web browser and do not require any coding to generate the resulting patient cohort. **All data are de-identified and intended only for PTR queries;** access to limited data sets (LDS) for funded research studies is available upon approval and with appropriate regulatory and data use agreements in place. **As of March 1, 2025, NCPCR Cohort Discovery is available for researchers to use. There are two sets of available data to query. Project 1 includes data from all HCN and OCHIN clinics that are part of the ADVANCE Clinical Research Network, while Project 2 (available June 2026) will include a subset of RCT-relevant data for the OCHIN, HCN, SERCN, and MSM health centers that are part of NCPCR.**

Accessing the NCPCR Cohort Discovery

To access NCPCR Cohort Discovery, please complete this REDCap form selecting "CEAL/NCPCR Research Partner." In this form, you will have to attest to having completed Human Subjects Research (HSR) and Responsible Conduct of Research (RCR) training. Once approved, you can have an account created to access the NCPCR Cohort Discovery and begin querying the data!

Frequently Asked Questions (FAQs)

- **Who can access the NCPCR Cohort Discovery Tool?** Researchers and community partners that are a part of the NIH CEAL Initiative across the United States, with active HSR and RCR CITI certifications are welcome to apply for access to the NCPCR Cohort Discovery Tool.
- **When will the full NCPCR Cohort Discovery Tool be available?** The full NCPCR Cohort Discovery Tool will be available in 2026, following the completion of the CHW-SYSTIM study.
- **What are the limitations to utilizing the NCPCR Cohort Discovery Tool?** The NCPCR Cohort Discovery Tool is only available for use for prep-to-research. All data are de-identified and are not suitable for use for manuscripts and other types of dissemination.
- **Where can I complete the HSR and RCR trainings?** The latest HSR and RCR trainings are available on the CITI Program website, aboutcitiprogram.org. Please reach out to your institution about your internal registration processes.

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To learn more, or if you have any questions, email us at: CEAL_NCPCR@ochin.org.

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