Long-Term Care DATA COOPERATIVE
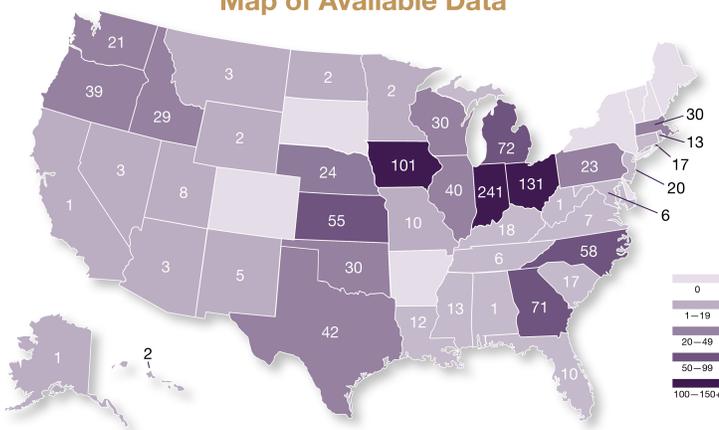
By the Numbers
As of March 15, 2024

The Long-Term Care (LTC) Data Cooperative is a provider-led collaboration by 2,900+ skilled nursing facilities to create the nation's largest collection of electronic health record data, with the goals of informing health care providers, empowering researchers, strengthening public health surveillance, offering a launchpad for clinical trials, and improving residents' health outcomes.
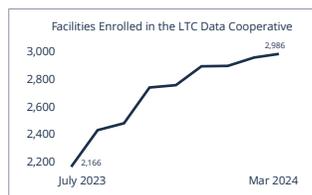
Available Data at a Glance

2	Electronic Medical Record (EMR) Vendors
61	Long-Term Care Organizations
1,220+	Skilled Nursing Facilities

More than 1.1M unique residents

3+ yrs More than 72,000 residents with 3+ years of data

More than 160,000 providers and staff

More than 28.6 million detailed assessments

Map of Available Data

Map values by state: 21, 39, 29, 3, 1, 3, 8, 24, 2, 30, 3, 5, 30, 42, 12, 13, 1, 6, 10, 101, 241, 55, 10, 40, 18, 2, 72, 131, 1, 7, 58, 17, 71, 23, 20, 6, 30, 13, 17, 1, 2

Legend:
- 0
- 1 — 19
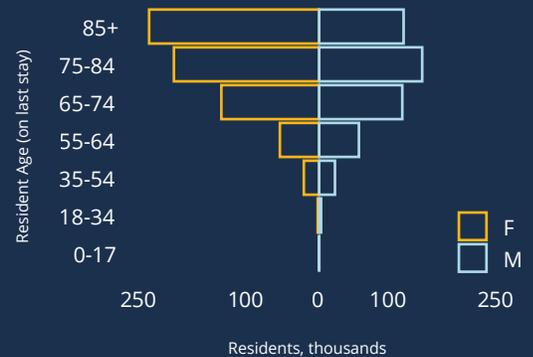- 20 — 49
- 50 — 99
- 100 — 150+

This map represents the geographic distribution of the 1,220 skilled nursing facilities with data ready for researcher use in the LTC Data Cooperative. As of March 15, 2024, there is an estimated total of 2,986 skilled nursing facilities enrolled to participate in the LTC Data Cooperative that will eventually have data ready for researcher use.
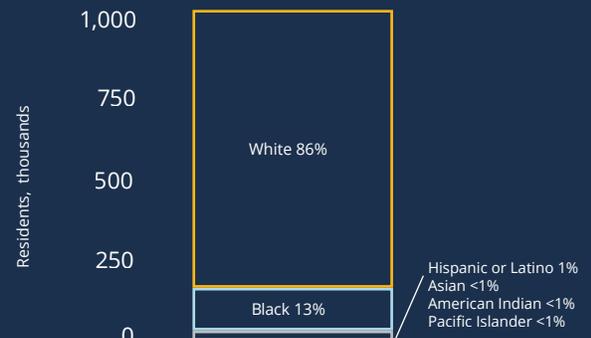
Facilities Enrolled in the LTC Data Cooperative

3,000 / 2,986 — 2,800 — 2,600 — 2,400 — 2,200 — 2,166

July 2023 — Mar 2024

NIA IMPACT COLLABORATORY — TRANSFORMING DEMENTIA CARE

2009811.000 - 9519

Resident Demographics

Age and Sex

Resident Age (on last stay): 85+, 75-84, 65-74, 55-64, 35-54, 18-34, 0-17

250 100 0 100 250

Residents, thousands

Legend: F, M

Race and Ethnicity

1,000 — 750 — 500 — 250 — 0

Residents, thousands

White 86%

Black 13%

Hispanic or Latino 1%
Asian <1%
American Indian <1%
Pacific Islander <1%

Percentages are of residents who identified a race or ethnicity, derived from EMR-provided patient demographics.

Duration of Stay

Residents, thousands

60 — 40 — 20

Long Stay

Short Stay

2020   2022   2024

Residents are considered long-stay after 100 consecutive days in a facility.

www.ltcdatacooperative.org

Clinical Data

Lab Results

Lab Result Records
>147 million

Examples of Lab Results

Blood Glucose
CBC
TB Tests
PT/INR
COVID-19 Tests
CMP
HbA1c

Vital Signs

Vital Signs Observations
>1.1 billion

Types of Vital Signs

Blood pressure
Oxygen saturation
Temperature
Pain scale
Pulse rate
Respiration rate

Medications
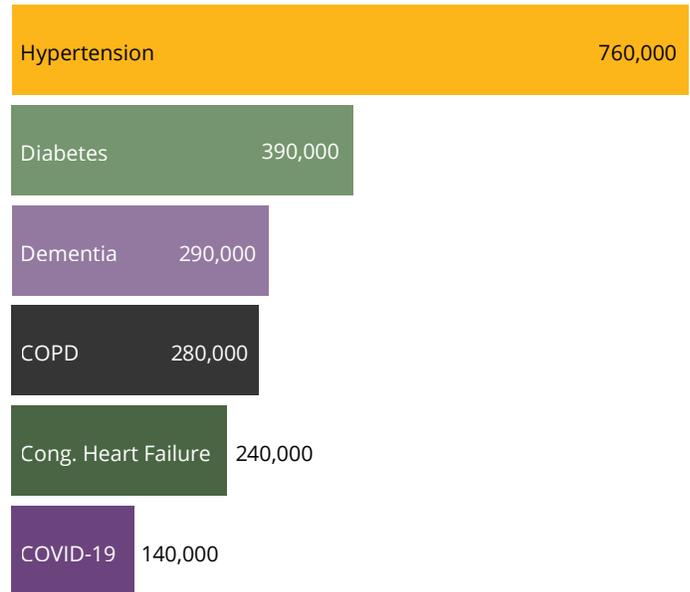
Medication Orders
>50 million

Medication Adminstrations
>1.6 billion

Medications Include

Prescriptions
Over-the-counter
PRNs (as needed)

2009811.000 - 9519

Long-Term Care DATA COOPERATIVE

Selected Conditions

Residents with Diagnosed or Assessed Conditions

Condition	Count
Hypertension	760,000
Diabetes	390,000
Dementia	290,000
COPD	280,000
Cong. Heart Failure	240,000
COVID-19	140,000

Vaccinations

Top Vaccination Records, including Administrations, Histories, and Declinations

Vaccine	Count
COVID-19 Vaccine	1,200,000
Influenza Vaccine	760,000
Pneumococcal Vaccine	460,000