

PHD Data Explorer Quick Guide

Explore over 350 million patient lives across over 1,400 U.S. facilities — pre-built Health Economics Outcomes Research (HEOR) cohorts ready for immediate analysis.

350M+
Unique Patients

1.5B+
Encounters

1,400+
U.S. Facilities

~25%
U.S. Patient Visits

All Payer
Medicare. Medicaid.
Commercial

2006-2025
20 Year History

The What

A Facility-Based Healthcare Dataset

The Premier Healthcare Database (PHD) captures the full inpatient and outpatient encounter record from over 1,400 U.S. healthcare facilities — covering diagnoses, procedures, itemized charges, labs, vitals and supply.

Unlike claims databases, the PHD originates directly from the facility chargemaster, providing researchers clinical granularity unavailable elsewhere. Data is updated quarterly. All 50 states – One unified data model.

Why PHD

What Sets It Apart

Facility-Sourced, Not Claims

Chargemaster origin — itemized cost detail. OR supply, nursing unit data unavailable in payer claims.

True All-Payer

Medicare, Medicaid, commercial and self-pay data combined in one database.

National Footprint

Approximately 25 percent of all U.S. inpatient admissions across all 50 states and facility types.

Clinical Depth

Lab results with LOINC codes, vital signs, microbiology and OR supply data linked at the encounter level.

20-Year Longitudinal

Patient history dating back to 2006 enables tracking of disease progression, readmissions and long-term outcomes.

HIPAA De-Identified

Expert Determination methodology. IRB-ready data provenance. Used in 1,000+ published studies.

The How

What's Inside the PHD

Core clinical data domains — available for every cohort.

Hero

Charges and Costs

13 Department Categories · Chargemaster



Core



Demographics and Social Determinants of Health (SDOH)

Age · Gender · Race · Zip · Income

Core



CPT Services

All Billed Clinical Services

Core



Diagnoses

ICD-10 · All Positions

Core



OR Supply

Implants · Surgical Supply

Add-On



Electronic Medical Record (EMR) Results

Labs (LOINC) · Vitals · Microbiology

Add-On



Tokenized Patients

Cross-Source Identity Linkage

Add-On



Mother-Infant

Linked OB and Newborn Encounters

Add-On



Mortality

Long-Term Linkage · Cause of Death

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Use Cases

Who Uses the PHD and How

The PHD serves various buyer types at the intersection of clinical data, economics and evidence generation.

Medical Device and Diagnostics

OR economics. Implant utilization. Competitive intelligence.

- Itemized OR supply linked to true cost per procedure across over 1,400 facilities.
- Implant and surgical supply utilization by facility type, region and volume tier.
- Pre- and post-complication rates, length of stay (LOS) and readmission for device-associated procedures.
- Market sizing for new device categories — unavailable in claims data.

Life Sciences and Pharma

Real-world evidence. Burden of disease. Treatment patterns. HEOR.

- Real-world treatment pattern analysis — from diagnosis to therapy initiation.
- Cost of illness and economic burden across payer segments.
- Comorbidity profiling for GLP-1, SGLT2i, oncology and rare disease pipelines.
- Comparative effectiveness — outcomes by treatment pathway and facility.

Outcomes and Academic Research

Quality measurement. Population health. Peer-reviewed evidence.

- Readmission, LOS benchmarking, and quality metrics across 1,400+ facilities.
- Longitudinal patient journeys — 20 years of linked encounter history.
- Used in over 1,000 peer-reviewed publications — established data provenance.
- SDOH integration — income, race and geography linked to clinical outcomes.

Payers and Market Access

Coverage analysis. Network adequacy. Cost benchmarking.

- All-payer cost benchmarking — Medicare, Medicaid, Commercial side-by-side.
- High-cost population identification — top cost drivers by DRG and diagnosis.
- Budget impact modeling inputs for formulary and coverage decisions.

Population in PHD



Obesity

~14 thousand patients
~57 thousand encounters



Type 1 Diabetes

~10 thousand patients
~15 thousand encounters



Cardio-Renal

~1.7 million patients
~3.8 million encounters



Total Knee Replacement

~400 thousand patients
~450 thousand encounters



Cystic Fibrosis

~16 thousand patients
~95 thousand encounters



Non-Small Cell Lung Cancer

~490 thousand patients
~2.4 million encounters