Healthcare
Systems
Interest
Group

HSIG

2025 OKRs

Mission statement

Support healthcare systems on their OHDSI journey

2025 Objectives

Objectives:
1. Provide support for transforming source EHR data to the CDM
2. Establish a repository for community contributed, semantic mappings, continued from 2024
3. Contribute to The Book of OHDSI

Objective & key result #1

Objective #1: Provide support for transforming source EHR data to the CDM

Key results:

- "Office hours" style agendas during our regularly scheduled meetings 10 times a year.

- Monitor & answer questions on the CDM Builders, Implementers, and Uncategorized forums related to source data or the ETL process

Objective & key result #2

Objective #2: Establish a repository for community contributed, semantic mappings for use by others in their ETL

Key results:

- Establish the repository

- Successful upload of a contribution to the repository

- Successful use of semantic mapping contribution in an ETL

Objective & key result #3

Objective #3: Contribute to The Book of OHDSI

Key results:

- Outline the Health System chapter

- Write an executive summary for each section

- Start writing 2 sections

HSIG meeting details

❖Located in MS Teams

❖Meetings: Every other Monday at 9:00am Eastern Time

❖All are welcome!

❖#JoinTheJourney

Vocabulary WG OKRs 2025

Objective 1: Support vocabulary-related activities of workgroups and contributors

KR1: Hold regular **office hours** to address any questions from vocabulary users and contributors

KR2: **Talk to all WGs** on their vocab needs (call to action!)

Objective 2: Increase Vocabularies content and process transparency

KR1: Run sessions for all **proposed changes** and improvements, both for community contributions and roadmap

KR2: Have at least two sessions with **external speakers** highlighting their experience with Vocabularies

Objective 3: Enable vocabulary-related collaboration in the community

KR1: Run a race/ethnicity vocabulary-a-thon

Dealing with multiple races and other exceptions

🟫 Vocabulary Users

Pulver Gerald Pulver   Sep 2023   Sep 2023

We are trying to adhere closely to OHDSI standards for the REDS study.

1 / 90

aostropolets Anna Ostropolets   Dec 2023

Absolutely. You can also watch the recording here ④.

Sep 2023

As per the majority voting, the **proposal** we woul

- Keep one race and ethnicity (if present) in r PERSON table
- Keep all additional races and ethnicities and table. Provenance of the record can be cap
- We do not deduplicate races to allow greate You can add other races and ethnicities to t full duplicates of existing races.
- No flavors of NULL are permitted, as usual.

MelaniePhilofsky on Oct 14, 2024 · edited by MelaniePhilofsky   **Edits** ▾   ⬭ Member   ⬭ Author   •••

Issue # and location

- Themis issue #71

Issue summary

Data sources might have more than one race value per a person, have more than one source with differing race values or have a source value semantically equivalent to "multiple race" (I.e. multi-racial, > 1 race, etc.)

PRHeG OKR #1

- **OBJECTIVE:** To develop, implement, and disseminate a comprehensive pregnancy algorithm study within the OHDSI network, focusing on a data-driven understanding of pregnancy episodes and build the foundation for pregnancy-related studies within the OHDSI community.
- **KEY RESULTS:**
  - Develop and finalize the study protocol, ensuring its dissemination to the OHDSI Evidence Network for review and collaboration.
  - Create a comprehensive study package and initiate a call for participation, inviting all interested parties to deploy and collect data.
  - Consolidate and analyze the collected evidence, culminating in the preparation and submission of a publication to share findings within the OHDSI community.

PRHeG OKR #2

- **OBJECTIVE:** Complete a network comparative effectiveness and safety study to serve as model for future ones
- **KEY RESULTS:**
  - Conduct evaluation of antihypertensive medication treatments in pregnancy for a maternal effectiveness outcome and a fetal/neonatal safety outcome, across at least 3 institutions

PRHeG OKR #3

- **OBJECTIVE:** Incorporate pregnancy-specific EHR modules into the OMOP CDM
- **KEY RESULTS:**
  - Implement ETL code for Epic Stork module into the OMOP CDM at 3+ institutions with Epic Caboodle and/or Clarity data
  - Specific data elements will include at a minimum: parity, gravidity, blood loss at delivery, gestational age, birthweight, and Apgar score at 1 and 5 minutes

PRHeG OKR #4

- **OBJECTIVE:** Provide training and education to perinatal and reproductive health researchers interested in OHDSI projects
- **KEY RESULTS:**
  - Complete collaboration on the maternal health data science fellowship
  - In-person study-a-thon at the OHDSI symposium
  - Create a repository of instructional materials, including video presentations, tutorials, guides, and publications

PRHeG OKR #5

- **OBJECTIVE:** Develop and share phenotypes guided by newly established Maternal Health Common Data Elements
- **KEY RESULTS:**
    - Create phenotypes for the first three (3) domains of the biomedical maternal health common data elements: a) pregnancy/delivery episode; b) maternal health conditions and outcomes; c) neonatal characteristics and outcomes

Steering Workgroup
co-leads: Patrick Ryan, George Hripcsak

Purpose: Steering WG exists to support the community and its leaders in collaboratively generating the evidence that promotes better health decisions and better care, by identifying, organizing, and guiding collaborative activities, facilitating communications across the community, providing input to operations of the OHDSI Central Coordinating Center, and building consensus on the vision for where the OHDSI community should go together.

Objective 1: Empower workgroups to contribute to collaboratively generating the evidence that promotes better health decisions and better care

Key results:

1. 100% of active workgroups have defined purpose and 2025 OKRs that are communicated to broader community to promote focus and encourage contributions; Timeline: 1Q2025

Objective 2: Create and support collaboration activities that encourage collaborative generation and dissemination of the evidence that promotes better health decisions and better care

Key results:

1. OHDSI2025 Global Symposium and regional Symposia scheduled with location/dates announced; Timeline: 1Q2025

2. Community activities to support 2025 OHDSI Focus Areas with >50 collaborators participating; timeline: 1Q2025-2Q2025

2025 OHDSI Focus Areas

Guideline-driven Evidence Generation	Evidence-driven Data standardization	Evidence-driven Open Source Development	Evidence-driven Collaborative Education

Dry January: Guideline review to determine evidence needs where RWE could potentially contribute	**Phenotype Phebruary:** Develop/evaluate cohorts needed to support filling the evidence gaps	**March to Data Fitness:** Evidence network to determine which partners are appropriate to generate which evidence
Analysis April: Prepare protocol and analysis specification to initiate network execution	**Meta-analysis May:** Collaborative interpretation of results from across network	**Journey to June:** Mid-year reflection on evidence generation process and progress
Spread-the-Word Second Half: Focus on Evidence Dissemination		
July: OHDSI EU	August:	September:
October: OHDSI Global	November:	December: OHDSI APAC

2025 OHDSI Focus Areas

| Guideline-driven Evidence Generation | Evidence-driven Data standardization | Evidence-driven Open Source Development | Evidence-driven Collaborative Education |

2025 Priorities:

1. Evidence Network engagement
   - Data partner organizations with source data converted to OMOP CDM v5.4 are encouraged to become part of OHDSI Evidence Network
   - We will conduct Evidence Network evaluations of 'fitness-for-use' based on evidence needs identified by the community
2. OHDSI Standardized Vocabularies community contributions
   - OHDSI Vocabulary team has defined 2025 roadmap for February and August releases
   - We are seeking community contributions to expand vocabulary content (concepts) and improve mapping (relationships), and to improve our own processes for incorporating community contributions

2025 OHDSI Focus Areas

Guideline-driven Evidence Generation	Evidence-driven Data standardization	Evidence-driven Open Source Development	Evidence-driven Collaborative Education

2025 Priorities:
1. Harden Strategus and associated HADES packages to enable improved user installation and execution experience
2. Improve OHDSI packages based on the user needs and experience from Guideline-driven Evidence Generation study teams
3. Redesign ATLAS with focus on improving the experience of cohort design and evaluation

2025 OHDSI Focus Areas

Guideline-driven Evidence Generation	Evidence-driven Data standardization	Evidence-driven Open Source Development	Evidence-driven Collaborative Education

2025 Priorities:

1. Refresh 'Book of OHDSI' to align with current practice and increase emphasis on evidence generation and dissemination for evidence *generators*
2. Lean into JACC Partnership to promote best practice to evidence *consumers*