CDM SURVEY
SUB-WORK GROUP

MISSION STATEMENT

The CDM Survey Sub-Workgroup is a collaborative effort to unlock the potential of survey data within the Observational Health Data Sciences and Informatics (OHDSI) framework. We aim to develop a standardized approach for integrating survey data into the OMOP Common Data Model (CDM). This will be achieved through the development of standards, tools, and best practices to transform survey questions and responses into the CDM format. This, in turn, will empower researchers to conduct more robust analyses across diverse datasets, ultimately leading to richer insights and improved health outcomes.

OBJECTIVES AND KEY RESULTS 2024

✓ Establish the CDM Survey Subgroup
✓ Landscape Assessment
➢ Development and Testing – use cases and value proposition
❑ Find and Apply for Future Support

ESTABLISH STANDARDIZED MAPPING FOR HIGH-USE CLINICAL SURVEYS

- **Key Results**

  - Identify 3 to 5 high-use clinical surveys (e.g., PHQ-9, GAD-7, Asthma Control Test, SF-36, PROMIS)

  - Develop standardized mapping guidelines for each of these identified surveys

  - Collaborate with the OMOP Vocabulary Working Group to develop necessary vocabulary elements for these surveys in OMOP CDM where needed

  - Publish these standardized mappings on the OHDSI GitHub, ensuring accessibility for the community

ENHANCE COMMUNITY ENGAGEMENT AND CONTRIBUTION

- **Key Result**

  - Create a repository for survey mapping contributions from the community on the OHDSI GitHub

  - Host a webinar or workshop to discuss progress, share best practices, and gather feedback from the community

  - Develop and distribute a guide on how community members can contribute their survey mappings and experiences

FOSTER COLLABORATION WITH OTHER RELEVANT GROUPS AND INITIATIVES

- **Key Results**
  - Establish regular communication and joint meetings with the OMOP Vocabulary Working Group to address vocabulary needs for surveys
  - Initiate collaborations with groups such as the PhenX Toolkit community, HL7 Behavioral Health Project Group, Psychiatry Workgroup, etc. to align efforts and share resources
  - Present the workgroup's progress and findings at relevant conferences and community calls to raise awareness and gain insights

DEVELOP AND IMPLEMENT MAPPING TOOLS AND RESOURCES

- **Key Results**

  - Identify and evaluate existing tools for mapping survey data

  - Develop a user-friendly tool or set of tools that facilitate the mapping of survey data to OMOP

  - Pilot the tools with at least three different survey datasets and gather feedback for improvements

  - Document and publish a user guide for the tools, including case studies from the pilot

SECURE FUNDING AND RESOURCES FOR SUSTAINED EFFORT

- **Key Result**

  - Identify potential funding sources and grant opportunities to support the workgroup's initiatives

  - Develop and submit grant proposals to secure funding

  - Establish partnerships with academic institutions and industry stakeholders to leverage additional resources and expertise

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CDM Survey Subgroup Wiki https://github.com/OHDSI/CdmSurveySubWg/wiki