Electronic Animal Health Records Workgroup

2024 Objectives and Key Results

Purpose

The Electronic Animal Record Workgroup exists to adopt the OMOP Common Data Model for electronic animal records to facilitate:

- o Improved decision-making and care for animals and people through evidence generation
- o Support comparative medicine, zoonotic and environmental disease analysis s
- o Analysis of human-animal bond on health and quality of life

2024 Annual Objectives

Objective #1: Facilitate Communication

- Hold monthly meetings to facilitate the exchange of ideas to use the OMOP CDM for animal records

2024 Annual Objectives

Objective #2: Propose solutions to support use of animal health data for research in veterinary and human medicine

- Analyze OHDSI components (CDM/Vocabulary/software tools) as they relate to animal health data

- Document modifications necessary for successful ETL of animal data including methods, guidelines, experiences, and other artifacts that support successful ETL of animal data

2024 Key Results – First Quarter

- Identify current veterinary users of OMOP/CDM

- Support update of the veterinary extension to SNOMED CT in Athena

- Begin the review of current usage of the OMOP CDM at veterinary teaching hospitals especially looking at the data dictionaries at each institution

2024 Key Results – Second Quarter

- Continue the review of existing work on the data dictionary and current usage of the CDM at veterinary teaching hospitals with the goal of identifying difficulties encountered and ongoing needs

- Begin consensus development of a prototype for modifications /extension to OMOP CDM for animal records with guidance from the OHDSI CDM Workgroup

2024 Key Results – Third Quarter

- Develop formal documentation of the recommended modifications /extension of the OMOP CDM needed to incorporate animal and veterinary data for presentation to OHDSI CDM Workgroup for review and guidance

2024 Key Results – Fourth Quarter

- Finalize documentation for presentation to the OHDSI CDM Workgroup

- Initiate the development of a list of software potentially useful for ETL, cohort identification, and data quality assessment of animal records

- Identify any modifications needed to use software