



National Committee on Vital and Health Statistics
Advising the HHS Secretary on National Health Information Policy

Gaps in Named Terminology & Vocabulary Standards

Vivian Auld and Susan Roy
National Library of Medicine

Health Terminologies & Vocabularies Expert Roundtable Meeting
July 17-18, 2018



Gaps Identified in e-Scan

- Medical Devices
 - Functioning
 - Genetics/Genomics
 - Rare Diseases
 - Social Determinants of Health
 - Gender & Sexuality
 - Mental Health
 - Public Health
- Is this really a “gap”
 - Are we missing any:
 - current coverage for the gap
 - use cases
 - other relevant work that influences or could impact this domain

Gap - Medical Devices



Current Standards in Use	UMDNS, GTINs, GMDN, UDI
Use cases	FDA - UDI rule and eMDR rule
Additional Notes	SNOMED International and GMDNA harmonization work

Gap - Functioning



Current Standards in Use	ICF, G-codes
Use cases	Social Security Administration - disability reporting CMS - Medicare for reporting on functioning by outpatient therapy services
Additional Notes	LOINC - includes some related assessments SNOMED CT - includes some related functional problems

Gap - Genetics/Genomics



Current Standards in Use	HPO, GO, LOINC
Use cases	Precision Medicine All of Us
Additional Notes	CPT - PLA, MoPath, MAAA, GSP NCBI - ClinVar and dbSNP HGNC

Gap - Rare Diseases



Current Standards in Use	Orphanet
Use cases	Precision Medicine All of Us
Additional Notes	SNOMED International and INSERM (Orphanet) signed an agreement to add content into SNOMED and complete a linkage table

Gap - Social Determinants of Health



Current Standards in Use	ICD-10-CM, LOINC, UCUM
Use cases	Department of HHS - Healthy People 2020 Meaningful Use - patient social, psychological, and behavioral data encoded and reported in LOINC (and UCUM)
Additional Notes	

Gap - Gender and Sexuality



Current Standards in Use	SNOMED CT
Use cases	Meaningful Use - sexual orientation data encoded and reported in SNOMED CT
Additional Notes	

Gap - Mental Health



Current Standards in Use	ICD, DSM
Use cases	
Additional Notes	The National Institute of Mental Health's Research Domain Criteria - a framework

Gap - Public Health



Current Standards in Use	
Use cases	Health Information Exchange (HIE)
Additional Notes	Population health status and problems historically assessed via surveys and vital statistics reporting.

Gaps - any additional to include?





Potential Solutions to Gaps

- Expanding a Current Standard
 - Naming an Additional Standard
 - Developing New Terminologies
-
- Potential game changer: US Core Data for Interoperability (USCDI)