PCORnet Glossary December 2015

The PCORnet Common Data Model (CDM) Glossary was developed to facilitate a common vocabulary among users of the PCORnet CDM.

Term	Abbreviation	Definition
Common Data	CDM	A common data model (CDM) standardizes the definition, format and
Model		content of data across participating data partners so that standardized
		applications, tools and methods can be applied.
Current	$CPT^{\mathbb{R}}$	CPT® (Current Procedural Terminology) is a set of detailed, standardized
Procedural		codes used primarily to identify medical services and procedures. These
Terminology ®		services may be ordered or provided by physicians and other health care
		professionals. CPT® codes are a subset of the HCPCS coding system, and
		are a registered trademark of the American Medical Association.
		http://goo.gl/oQAzRl
DataMart		A DataMart refers to a collection of data that will be queried and will return
		output via the PCORnet DRN Query Tool. Each PCORnet Network may
		have multiple data sources; these data sources could be represented as one
		or many DataMarts. PCORnet DataMarts are DataMarts that adhere to the
		PCORnet CDM.
Distributed	DRN	A distributed research network (DRN) is an approach to multi-site research
Research	Dia,	that allows secure analysis of separate data resources held by data partners
Network		behind their firewalls. In a DRN there is no central data warehouse. Each
		data resource held locally consists of data collected, captured, or otherwise
		obtained by the local health system.
Electronic	EHR	An electronic health record (EHR) is a repository of electronic information
Health Record		about an individual's health status and health care. EHRs contain much of
Treatm record		the same information that is found in a patient's (paper) medical chart, but
		because the records are digitized, the data can be viewed, transmitted,
		and/or integrated across settings (e.g. inpatient hospital, office) and between
		different health care providers (e.g. primary care physicians, specialists) and
		can capture far more extensive information. EHRs may contain
		administrative and billing data, patient demographics, progress notes, vital
		signs, medical histories, diagnoses, medications, immunization records,
		allergies, radiology images, laboratory and other test results, and much
		more.
Extract,	ETL	Extract, transform and load (ETL) is a process in which programmers
Transform, and	LIL	extract data from one or more data sources, transform the data to fit certain
Load		requirements or specifications, and then load the data into a desired
Load		location. In the context of PCORnet, programmers at the various CDRNs
		and PPRNs will extract the data needed to populate the PCORnet Common
		Data Model from the data sources which house the necessary information,
		transform their data to fit into the Common Data Model, and then load that
		transformed data into a defined location.
Healthcare	HCPCS	HCPCS (Healthcare Common Procedure Coding System) is a set of codes
Common	110105	used to identify tasks and procedures performed by a health care
Procedure		practitioner. They include Level 1 codes (CPT codes) and Level II codes
Coding System		(codes that primarily represent non-physician services such as ambulance,
Coung System		durable medical equipment, and home health services). Level II codes are
		maintained by the Centers for Medicare and Medicaid.
		http://www.cms.gov/Medicare/Coding/MedHCPCSGenInfo/index.html

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Health Care	HCSRN	HCSRN (Health Care Systems Research Network) is a network comprised
Systems	VDW	of research centers based in multiple health care systems. The VDW
Research		(Virtual Data Warehouse) is the Common Data Model used by the HCS
Network Virtual		Research Network. It contains data on enrollment, vital signs, pharmacy and
Data Warehouse		other standardized data elements. Documentation about the VDW can be
		found at http://www.hcsrn.org/en/Tools%20&%20Materials/VDW/
Mini-Sentinel	MSCDM	Mini-Sentinel is a distributed research network sponsored by the U.S. Food
Common Data		and Drug Administration (FDA) to help monitor the safety of FDA-
Model		regulated medical products such as medications and vaccines. Mini-
		Sentinel has established a Common Data Model. Documentation about the
		distributed database and common data model can be found at
		http://www.mini-
		sentinel.org/data activities/distributed db and data/default.aspx
International	ICD	ICD (International Classification of Diseases) is the standard terminology
Classification of		used to classify diseases and other health problems recorded on many types
Diseases		of health and vital records including death certificates and health records.
		ICD code sets include ICD-9-CM (Ninth International Classification of
		Diseases-Clinical Modification), ICD-10-CM (Tenth International
		Classification of Diseases-Clinical Modification), and ICD-10-PCS (Tenth
		International Classification of Diseases-Procedure Coding System). ICD
		codes are primarily used to record diagnoses, but a subset (ICD-9-CM
		volume 3 codes and ICD-10-PCS codes) is used to record procedures
		performed in an inpatient setting. These codes are maintained by the World
		Health Organization. http://www.who.int/classifications/icd/en/
PopMedNet TM		PopMedNet is an open-source software application that enables simple
		creation, operation, and governance of distributed health data networks.
		http://www.popmednet.org/
Source data		Source data is data residing in operational healthcare systems such as
		electronic health record systems, claims systems, patient registries, and
		databases containing survey data.
Systematized	SNOMED	SNOMED (Systematized Nomenclature of Medicine-Clinical Terms) codes
Nomenclature of	CT	are used in electronic medical records to document diagnoses, procedures,
Medicine-		drugs, and other health care interactions. These codes are maintained by
Clinical Terms		International Health Terminology Standards Development Organization.
		The primary unit of measurement in SNOMED is called a concept. Each
		concept has a concept unique identifier (CUID), and concepts are related to
		one another in multiple ways. http://www.ihtsdo.org/snomed-ct/
Logical	LOINC	LOINC (Logical Observation Identifiers Names and Codes) is a coding
Observation		system used by some health care systems for ordering and capturing results
Identifiers		of laboratory tests and other measurement and observation
Names and		data. https://loinc.org/
Codes		
Common		A measure is an individual question or statement and its standardized
measures		response options. Common measures are standardized patient-reported
		outcome (PRO) measures that are defined in the same way across all
		PCORnet networks.

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Term	Abbreviation	Definition
Proxy report		A proxy report is a measurement based on a report by someone other than the patient reporting as if he or she is the patient Proxy reports are usually completed by parents or caregivers of patients who are cognitively or developmentally unable to report for themselves.
Patient reported outcomes	PRO	Patient-reported outcomes (PROs) are defined by the Food and Drug Administration as a report of the status of a patient's health condition by the patient without interpretation by a clinician or anyone else. PCORnet also allows caregivers or people who support the patient to provide proxy reports, provided there isn't subjective interpretation of the patient's response leading to modification of data. Reports from non-clinician caregivers are accepted as PROs in instances where patients are incapable of direct communication via self-report (e.g. parent reports for neonatal patients).