

caDSR Content Creation Process

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Tools for caDSR Metadata Development

The [Curation Tool](#), [CDE Browser](#) and [Administration Tool](#) have online help to guide you. All the caDSR tools are explained on [caDSR Database and Tools](#).

Data Standards

- [caBIG-NCI Data Standards](#)
- [CTEP Common Data Elements](#)

Metadata Development Training

Best practices training for caDSR metadata creation is available. The [NCI Training Wiki](#) identifies the course offerings and provides links for more information and to enroll.

caDSR Context Administrators Monthly Meeting

The Context Administrators meet the second Monday of every month to discuss topics related to caDSR Content, including documentation of business rules and best practices for development and recording of metadata, harmonization of caDSR content, and adoption of data standards. The minutes of these meetings are posted at [caDSR Content Meeting Minutes](#).

Provide feedback

Feedback about caDSR content is welcome on the [caDSR Users List](#).

caDSR Content

A goal of the Cancer Data Standards Registry and Repository (caDSR) program is to define a comprehensive set of standardized metadata descriptors for cancer research data for use in information collection and analysis.

Various NCI offices and partner organizations have developed the content of the caDSR by registration of data elements based on data standards, data collection forms, databases, clinical applications, data exchange formats, UML models, and vocabularies.

Based on the ISO/IEC 11179 model for metadata registration, information about names, definitions, permissible values, and semantic concepts for common data elements (CDEs) have been recorded. [caDSR](#) tools are available to create, locate, and use the metadata to support finding and understanding research data.

Contexts-Contact Information

The metadata information in the caDSR is developed by groups or organizations divided into domain-specific work areas called Contexts. A Context Administrator for each group provides oversight for creation, maintenance, and designation of CDEs within the Context. A list of contact information for [Steward/Context Administrators, Stewardship Organization/Curators and Embedded Curators \(doc\)](#) is available.

The current Contexts in the caDSR are listed below with the Context Administrator for each (updated 06/29/2021). Note - In the event the Steward/CA and/or SO/Curator leaves your organization, please contact the caDSR.RA@mail.nih.gov with new POC name and email if available.

Context Name	Link to Website	Context Administrator
Adult Brain Tumor Consortium	ABTC	Sung Tse (interim)

Yeshiva University Albert Einstein Cancer Center	AECC	Gwen Deen (interim)
Alliance	Alliance	Corina Moreno
AIDS Malignancy Consortium	AMC	Damon Collie
Biorepositories and Biospecimen Research Branch	BBRB	Ping Guan
Breast Oncology Local Disease	BOLD	Jennifer Hayes
BRIDG Collaboration	BRIDG	Gwen Deen
NCI Core Infrastructure	caCORE	Denise Warzel
NCI Center for Cancer Research	CCR	Elizabeth Ness
Cancer Clinical Trials Group	CCTG	Chad Winch
Centers for Disease Control and Prevention/Public Health Information Network	CDC /PHIN	Denise Warzel
NCI Cancer Imaging Program	CIP	John Freymann
Cancer Immunotherapy Trials Network	CITN	Gwen Deen (interim)
Children's Oncology Group	COG	Mary Beth Sullivan Thalia Beeles
NCI Clinical Trial Evaluation Program	CTEP	Andrea Denicoff
Duke Cancer Institute	DCI	Michael Goodin
NCI Division of Cancer Prevention	DCP	Lisa Bengtson
Eastern Cooperative Oncology Group - American College of Radiology Research Network	ECOG-ACRIN	ECOG - Jannett Garrido ACRIN - Lindsey Dymond
NCI Early Detection Research Network	EDRN	Heather Kincaid
NCI Genomic Data Commons	GDC	Maureen Ryan (interim)
The Integrated Cancer Repository for Cancer Research	iCaRe2	Gwen Deen
Georgetown University Lombardi Cancer Center	LCC	Kanchi Krishnamurthy
NCI Molecular and Cellular Characterization	MCL	Kristen Anton
NCI Data Standards	NCI Data Standards	caDSR Harmonization Team
National Cancer Informatics Program	NCIP	Brenda Duggan
Norton Healthcare - Norton Cancer Institute	NHC-NCI	Gwen Deen
National Heart, Lung, and Blood Institute	NHLBI	Kathleen Malum
National Institute of Child Health and Human Development	NICHHD	Wendy Zhang
National Institute on Drug Abuse	NIDA	Brian Campbell
National Institute of Dental and Craniofacial Research	NIDCR	Brian Campbell
NCI Network Rave Data Standards	NRDS	Ginger Riley
NRG Oncology Group (formerly GOG)	NRG	Vanita Patel
Office of Cancer Clinical Proteomics Research	OCCPR	Mathangi Thiagarajan - CPTAC Chris Kinsinger - PDC

NCI Office of Cancer Genomics	OCG	Subhashini Jagu
Oregon Health and Science University	OHSU-Knight	Sung Tse
NCI Office of National Coordinator SDC Project	ONC SDC Project	Brenda Duggan
PCORnet Common Data Model (CDMH Phase I)	PCORTF CDM	Denise Warzel
Pediatric Brain Tumor Consortium	PBTC	Gwen Deen
Phenotypes and Exposures	PhenX	Helen Pan
Precision Medicine Initiative	PMI	Ginger Riley
NCI Population Science and Cancer Control	PS&CC	Gwen Deen (interim) <i>The data elements in this context are a collaboration between the NCI Division of Cancer Control and Population Science (DCCPS) and NCI Division of Cancer Epidemiology and Genetics (DCEG)</i>
NCI Specialized Programs of Research Excellence	SPORes	Angela Kumerow
SWOG	SWOG	Devin Hamid
Theradex	Theradex	Diana Vulih
University of Southern California Norris Comprehensive Cancer Center	USC /Norris	Gwen Deen (interim)

Business Rules and Best Practices

The Context Administrators have agreed to [business rules](#) for development of caDSR content. The rules outline best practices for creation, assignment of metadata statuses, and maintenance of the various metadata components.

Harmonization of caDSR Content

The Context Administrators/Stewards work together to coordinate and harmonize metadata development efforts so common building blocks for data capture and reporting can be created. The goal is to ensure that shareable CDEs are not redundant across contexts and are based on the consensus of participating Contexts. To help minimize redundancy and duplication of CDEs across Contexts, the Context Administrators encourage reuse, or designation, of existing CDEs by other Contexts. Often an item is a candidate for reuse if minor edits can be made. If changes are needed to caDSR content, please contact the owning Context Curator.

NCI Data Standards

The NCI, together with its partners in the user community, is actively developing CDEs and standard vocabularies to be used as metadata descriptors for NCI-sponsored research and for caCORE-NCI applications. Workgroup and Content Meetings are regularly held to identify subject areas for standardization, develop CDEs and supporting documentation, and present proposed data standards to the user community for review. The data standards that have been adopted and those currently under review may be seen on the [caBIG@-NCI Data Standards](#) page.