

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

- [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 meeting 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) |

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|---|--------------------|---|
| 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 |

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|--|-----------------|---|
| 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.