

Data Explorer

**A Guide to Reviewing Study Metadata from
Completed Data Submissions**



NATIONAL CANCER INSTITUTE
Cancer Research Data Commons

datacommons.cancer.gov

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I. INTRODUCTION

The CRDC Data Explorer allows submitters to access metadata from the data submissions completed on the CRDC Submission Portal (CRDC SP). Submitters may use this tool to view, explore, and download this metadata, as well as identify potential corrections.

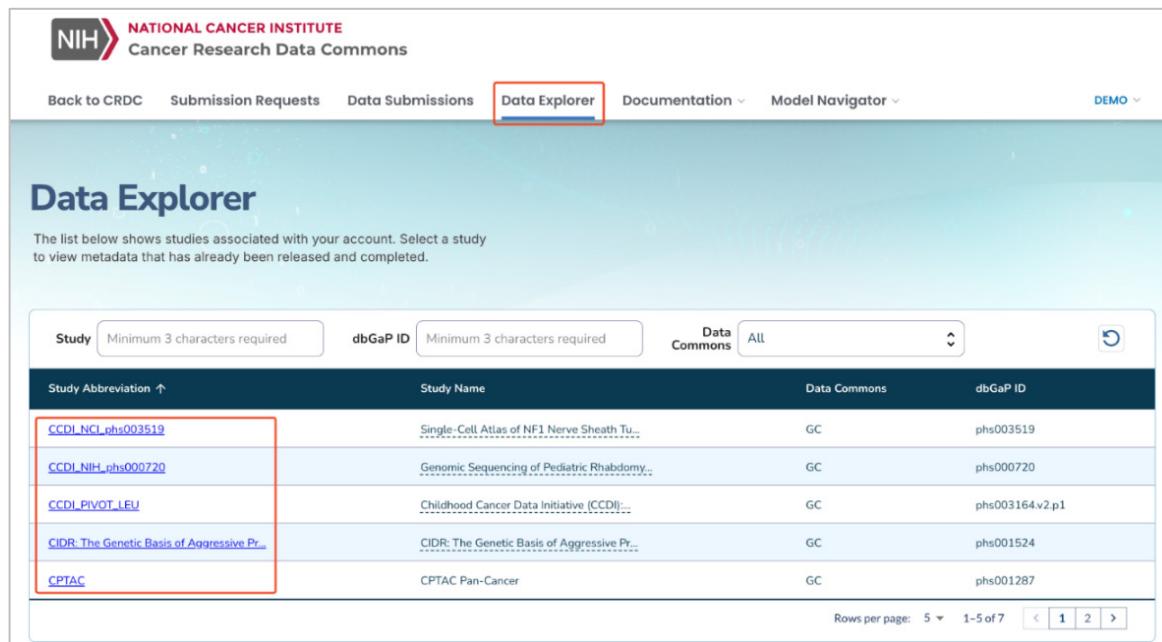
For help, contact the CRDC Help Desk at (NCICRDC@mail.nih.gov).

II. DATA EXPLORER ACCESS

Using the CRDC Data Explorer requires a CRDC SP account with access to relevant studies. If you do not have access to specific studies, refer to the [Data Submission Instructions](#) document for guidance on: creating an account and requesting access to specific studies.

To access the CRDC Data Explorer:

1. Log in to the CRDC SP.
2. Click the **Data Explorer** tab.
A list of all studies associated with your account appears. See Figure 1.
3. Filter studies by Study Name, dbGAP ID (for controlled-access studies), or Data Commons.
4. Click a study abbreviation to open or download metadata. See Figure 2.



The screenshot shows the CRDC Data Explorer interface. At the top, there is a navigation bar with the NIH logo, the text 'NATIONAL CANCER INSTITUTE', and 'Cancer Research Data Commons'. The 'Data Explorer' tab is highlighted with a red box. Below the navigation bar, the title 'Data Explorer' is displayed in a large blue font. A sub-instruction below the title reads: 'The list below shows studies associated with your account. Select a study to view metadata that has already been released and completed.' The main content area is a table with the following data:

Study Abbreviation ↑	Study Name	Data Commons	dbGaP ID
CCDI_NCI_ph5003519	Single-Cell Atlas of NF1 Nerve Sheath Tu...	GC	phs003519
CCDI_NIH_ph5000720	Genomic Sequencing of Pediatric Rhabdomy...	GC	phs000720
CCDI_PIVOT_LEU	Childhood Cancer Data Initiative (CCDI)...	GC	phs003164.v2.p1
CIDR: The Genetic Basis of Aggressive Pr...	CIDR: The Genetic Basis of Aggressive Pr...	GC	phs001524
CPTAC	CPTAC Pan-Cancer	GC	phs001287

At the bottom of the table, there are buttons for 'Rows per page: 5' and '1-5 of 7' with page numbers 1, 2, and 3.

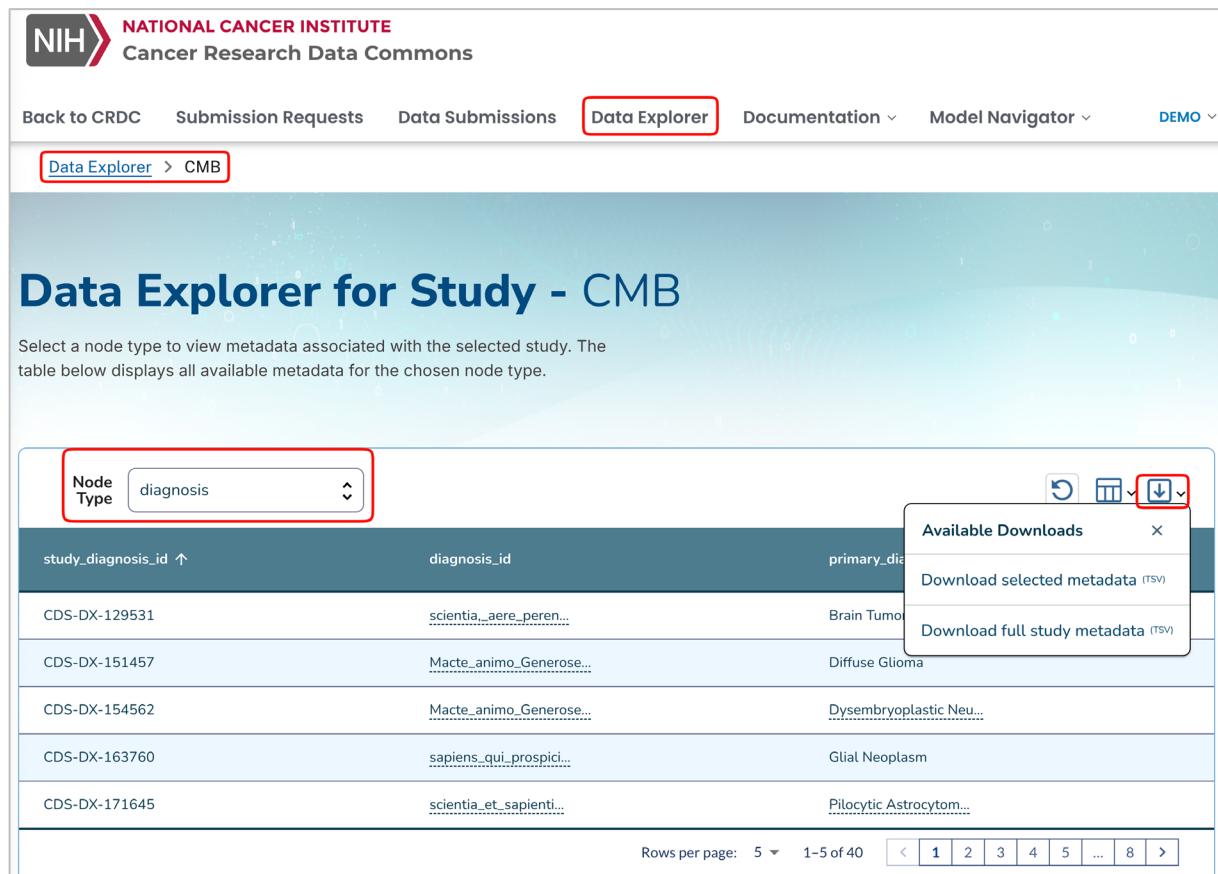
Figure 1: Data Explorer Table

III. VIEW AND DOWNLOAD STUDY METADATA

Users can visualize metadata for a specific study by selecting a **Node Type**. Users have the following two options for downloading metadata.

- **By Node Type**
 - Choose a specific *Node Type* (e.g., Diagnosis) and download only that subset.
 - Use the **Download > Download selected metadata** option.
- **Full Study Metadata**
 - Choose **Download > Download full study metadata** to get all associated metadata.

See Figure 2 for reference.



The screenshot shows the CRDC Data Explorer interface. The top navigation bar includes links for NIH, NATIONAL CANCER INSTITUTE, Cancer Research Data Commons, Back to CRDC, Submission Requests, Data Submissions, Data Explorer (which is highlighted with a red box), Documentation, Model Navigator, and DEMO. Below the navigation is a breadcrumb trail: Data Explorer > CMB. The main title is "Data Explorer for Study - CMB". A sub-instruction says: "Select a node type to view metadata associated with the selected study. The table below displays all available metadata for the chosen node type." A dropdown menu labeled "Node Type" is set to "diagnosis". To the right of the table, a "Available Downloads" modal is open, showing two options: "Download selected metadata (TSV)" and "Download full study metadata (TSV)". The modal has a close button "X" and a download icon. The table below the dropdown shows five rows of study metadata:

study_diagnosis_id ↑	diagnosis_id	primary_diagnosis
CDS-DX-129531	scientia_aere_peren...	Brain Tumor
CDS-DX-151457	Macte_animo_Generose...	Diffuse Glioma
CDS-DX-154562	Macte_animo_Generose...	Dysembryoplastic Neu...
CDS-DX-163760	sapiens_qui_prospici...	Glial Neoplasm
CDS-DX-171645	scientia_et_sapienti...	Pilocytic Astrocytom...

At the bottom of the table are buttons for "Rows per page" (5), "1-5 of 40", and a page navigation bar with buttons for <, 1, 2, 3, 4, 5, ..., 8, >.

Figure 2: Download Metadata from Selected Studies