

CHILDHOOD CANCER CLINICAL DATA COMMONS (C3DC)

User Guide

07/24/2024

Version 1.0.0

Version	Date	Description	Author
1.0.0	03/05/2024	Initial Release	C3DC Team
2.0.0	05/01/2024	Release 2	C3DC Team
3.0.0	07/24/2024	Release 3	C3DC Team

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Introduction and Overview

The **Childhood Cancer Clinical Data Commons** (C3DC) enables searching demographic and phenotypic clinical data of childhood cancers. These data have been harmonized to a standard set of common data elements (CDEs). C3DC empowers researchers to search for participant-level data to create synthetic cohorts and export data for analysis.

This document describes a high-level overview of the features of C3DC. Investigators are encouraged to explore C3DC themselves, using this guide as a primer.

Commented [SJ1]: Its good to provide the link as this document is living in GitHub.

Commented [WC(2R1]: The main site they are already on to access this User Guide is C3DC - is it redundant to give them a link to what they are already on?

Commented [SJ3]: Provide link

Commented [WC(4R3]: There is more description and a link to caDRS on the Resource page

C3DC Home Page

The C3DC Home page allows users to navigate pages such as Explore and About.

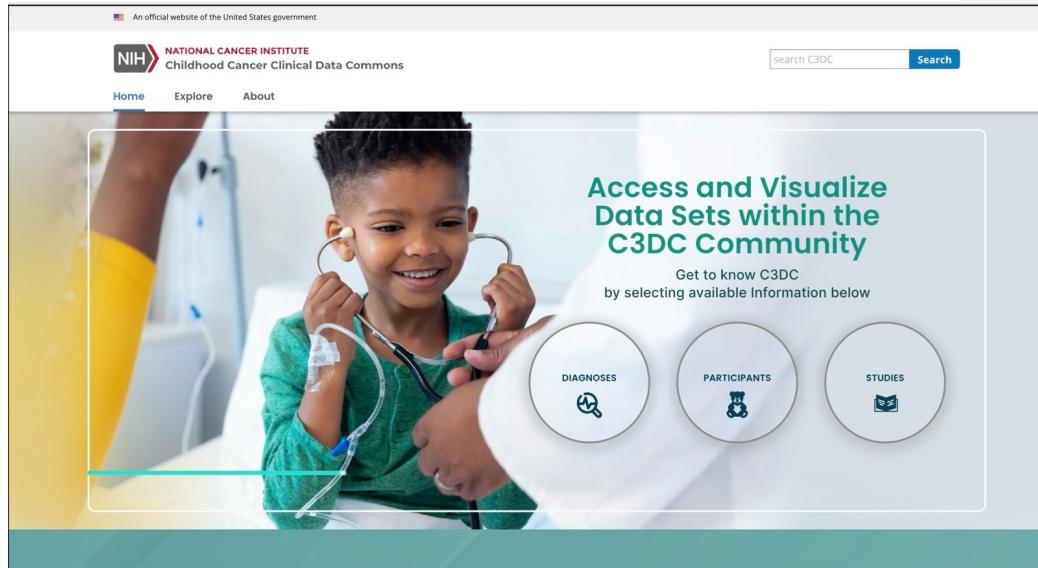


Figure 1: C3DC Home Page - top

Additionally, at the bottom of the Home page, there are link-outs to brief descriptions of key sections of the C3DC website.

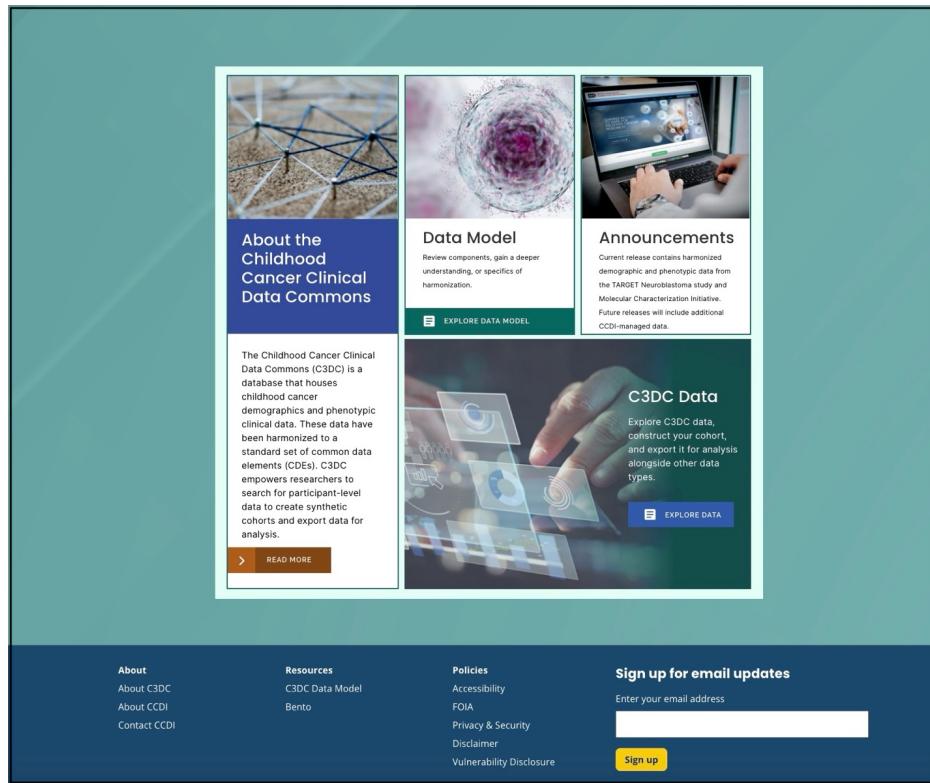


Figure 2: C3DC Home Page - bottom

C3DC Explore Page

Users can navigate to the Explore Page by clicking the link on the Home Page menu bar, which shows various sections for exploring the data.

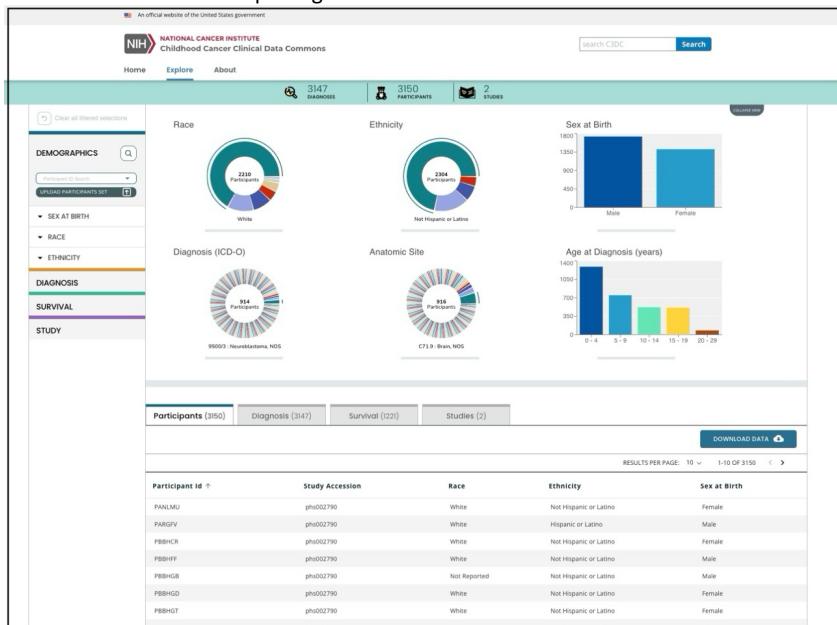


Figure 3: The Explore page – Faceted Search (left), Visualization (top), and Data Tables (bottom)

On the Explore Page, users can select a subset of the childhood cancer participants by choosing filtering options from drop-down lists within four main categories: Demographics, Diagnoses, Survival, and Study.

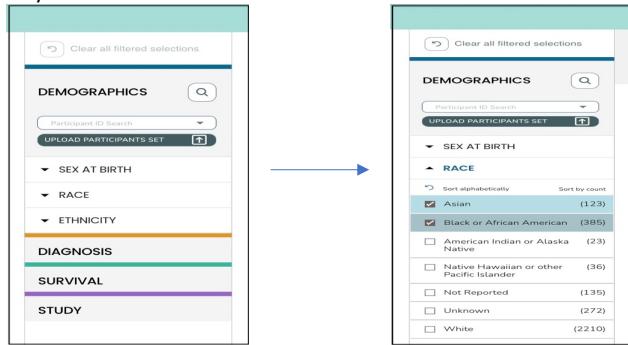


Figure 4: Performing a faceted search on the C3DC Explore Page

The faceted search results are automatically updated in the Stats bar, the Visualization, and Table sections.



Figure 5: Results returned from a faceted search in the Stats bar

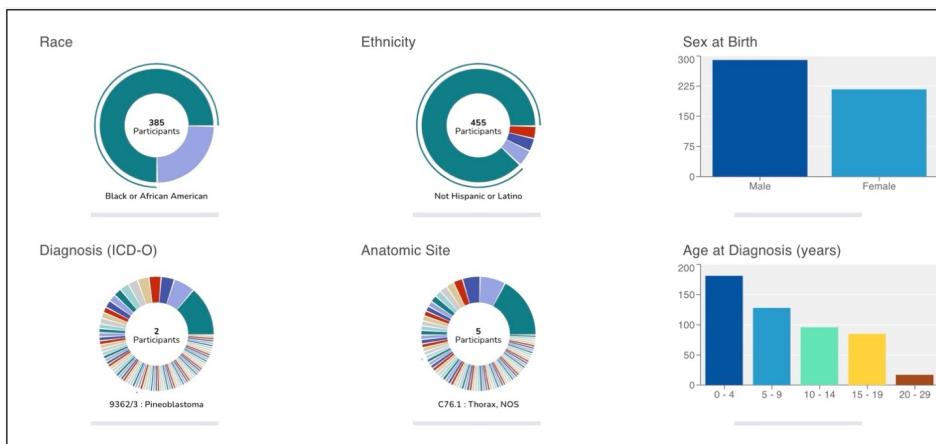


Figure 6: Results returned from a faceted search in six graphs in the Visualization section

Participants (507)	Diagnosis (507)	Survival (189)	Studies (2)	DOWNLOAD DATA
RESULTS PER PAGE: 10 ▾ 1-10 OF 507 < >				
Participant Id ↑	Study Accession	Race	Ethnicity	Sex at Birth
PBBHIA	phs002790	Asian	Not Hispanic or Latino	Female
PBBHTY	phs002790	Black or African American	Not Hispanic or Latino	Male
PBBHWY	phs002790	Black or African American,White	Not Hispanic or Latino	Female
PBBHXE	phs002790	Black or African American	Not Hispanic or Latino	Male
PBBHYH	phs002790	Black or African American	Not Hispanic or Latino	Female
PBBHYV	phs002790	Black or African American	Not Hispanic or Latino	Male
PBBIDH	phs002790	Black or African American	Not Hispanic or Latino	Male
PBBIIW	phs002790	Black or African American	Not Hispanic or Latino	Female
PBBIKD	phs002790	Asian	Not Hispanic or Latino	Female
PBBILN	phs002790	Black or African American	Not Hispanic or Latino	Male

Figure 7: Results returned from a faceted search in the Table section

C3DC About Page

Users can navigate to the About Page by clicking the link on the Home Page menu bar, where you will find more information about the content of C3DC. This includes details such as dataset and data model information, as well as links to useful resources.

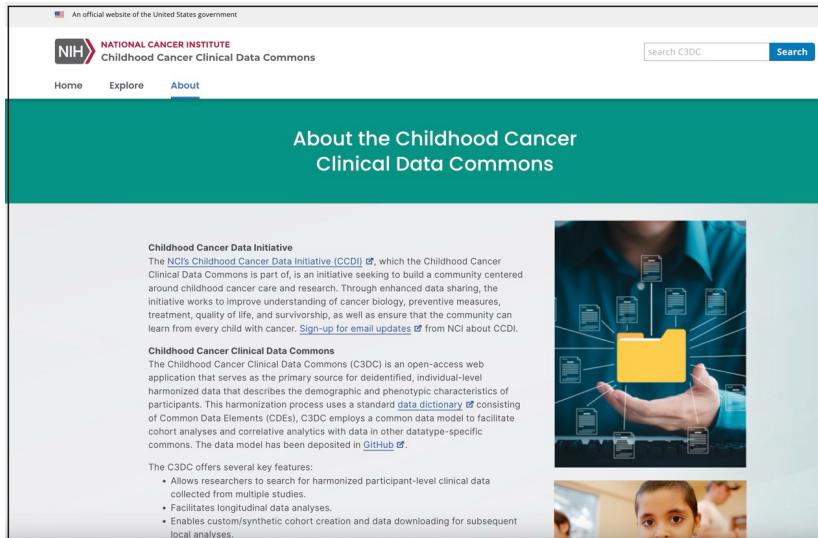


Figure 8: About Page - top