

# CCDI: Sharing Data to Accelerate Progress in Cancer Research and Care

The National Cancer Institute's **Childhood Cancer Data Initiative (CCDI)** is engaging the childhood cancer research, care, and advocacy community to harness and share data in transformative ways.

## BUILDING A DATA INFRASTRUCTURE

CCDI is making it easier for researchers and oncology teams to learn from every young person with cancer. The core of its data infrastructure is the **CCDI Data Ecosystem**, which has user-friendly tools and platforms for finding, accessing, and analyzing childhood cancer data from NCI and other institutions.

The **CCDI Hub** is the entry point, where users can access CCDI data and resources, such as the:

- **cBioPortal Cancer Data Explorer**, a platform that can be used to search by gene, mutation, cancer type, etc. and visualize these data.
- **Childhood Cancer Clinical Data Commons**, a database with harmonized childhood cancer demographics and phenotypic clinical data.
- **Childhood Cancer Data Catalog**, a searchable inventory of childhood cancer resources.
- **Molecular Targets Platform**, a tool with information about molecules that affect the growth and spread of childhood cancers.
- **NCCR Data Platform**, a web app that allows users to visualize childhood cancer statistics in a secure cloud system.
- **NCCR\*Explorer**, a rapidly growing tool with statistics related to cancers in children, adolescents, and young adults (AYAs).

## WIDENING ACCESS TO MOLECULAR TESTING

The **CCDI Molecular Characterization Initiative** is a national collaboration that provides free, state-of-the-art molecular testing to children and AYAs with certain rare or hard-to-treat cancers. Results help inform treatment decisions, including clinical trial participation. Data from these results are made available to researchers for future studies.

## EVOLVING TO MEET COMMUNITY NEEDS

The success of CCDI requires the engagement of everyone united against childhood cancer. We welcome feedback from the community to help make our programs and resources as effective and helpful as possible.

## CONNECT WITH CCDI

### CCDI Home Page

[Cancer.gov/CCDI](https://cancer.gov/CCDI)

### CCDI Hub

[Ccdi.cancer.gov](https://ccdi.cancer.gov)

### Email Us

[NCIChildhoodCancerDataInitiative@mail.nih.gov](mailto:NCIChildhoodCancerDataInitiative@mail.nih.gov)

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