

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. These efforts could improve the lives of children, adolescents, and young adults (AYAs) with cancer today and for years to come.

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**, complete with user-friendly tools and platforms for finding, accessing, and analyzing childhood cancer data from NCI and other institutions.

The **CCDI Hub** is the Data Ecosystem's entry point, where users can access its data and resources, such as the:

- **NCCR*Explorer**, a rapidly growing tool with statistics related to cancers in children and AYAs.
- **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.
- **Childhood Cancer Clinical Data Commons**, a database with harmonized childhood cancer demographics and phenotypic clinical data.

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 also become part of the CCDI Data Ecosystem and 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

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