

ABCD General Data

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General Information

An overview of the ABCD Study® can be found at [abcdstudy.org](#) and detailed descriptions of the assessment protocols are available at [ABCD Protocols](#). This page describes the contents of various instruments available for download. To understand the context of this information, refer to the release note [Start Page](#).

Instrument Descriptions

Youth Instruments

Longitudinal Tracking

Release 5.0 Data Table: abcd_y_lt

Measure Description: The Longitudinal Tracking instrument includes various information about the participants over time that users will find useful in their longitudinal analysis. It provides information about the date that a given event was started (variable `interview_date`) and the participant's age in month at that time (variable `interview_age`). It further describes the setting (on-site, remote, or hybrid) in which the visit for this event was completed (variable `visit_type`).

Furthermore, the table includes several variables that can be used to account for clustering of participants into different groups:

Sites

The `site_id_l` variable describes sites by numeric code. The translation of `site_id_l` codes to site acronyms is available in the Changes and Known Issues Release Notes file that authorized users can download [here](#).

Families

Participants belonging to the same family share a family ID (variable `rel_family_id`). In this release we additionally include a birth ID (variable `rel_birth_id`) which provides a unique ID for individuals within the same family that share the same birthdate. This variable can be used to differentiate between siblings and twins/triplets within the sample (see also the [Genetics release note](#)).

Schools and school districts

A pseudo ID was generated and assigned to each district so that users can cluster participants by school district (variable `district_id`). A pseudo ID was also generated for school so that users can cluster participants by the school they attended (variable `school_id`). In cases where informants reported that the participant was homeschooled, `school_id` was recoded to '0'.

We used the following process to identify school(s) for each participant:

1. We joined visit completion date to the school dates to identify the school attended.
2. In cases where no schools were available based on this criterion, we then matched the grade at a given school with the grade reported at the visit to identify the school attended.
3. If necessary, we used the event name information (e.g., `1_year_follow_up_y_arm_1`) as a fallback option for school identification.

To reduce the risk of participant identification, data were made available only for districts and schools with ≥ 10 participants. Because of this, the pseudo school ID is not available for approximately half of the participant cohort.

ABCD Subdomain: Administrative

Number of Variables: 8

Notes and special considerations:

In 5.0, we have corrected a small number of errors in the site ID variable. Please disregard data about site in prior releases in favor of the 5.0 release data.

Latent Factors

Release 5.0 Data Table: abcd_y_lf

Measure Description: The Latent Factors table contains three variables that users may find useful in their analysis. These factors include: 1) a general latent factor of economic, social, and physiological well-being, 2) a latent factor for youth perceived social support, and 3) a latent factor for perinatal health.

ABCD Subdomain: Demographics

Number of Variables: 3

Notes and special considerations: None

Parent Instruments

Demographics

Release 5.0 Data Table: abcd_p_demo

Measure Description: Extensive list of parent reported demographics about the youth, themselves, and family. This includes race and ethnicity. Note that this table includes the ACS (American Community Survey) Ranked Propensity score that imputed ranked propensity weight. The ranked propensity weight merges the ACS and ABCD data (with missing data imputed), estimates the propensity model, computes and scales/trimms the propensity weights and finally rakes the scaled weights to final ACS control totals by age, sex and race/ethnicity.

ABCD Subdomain: Demographics

Number of Variables: 274

Notes and special considerations: None

Occupation Survey

Release 5.0 Data Table: abcd_p_ocp

Measure Description: Asks caregiver about their own and their partner's occupation and job category according to the ACS job classifications

ABCD Subdomain: Demographics

Number of Variable: 54

Notes and special considerations: None

Screener (Study Eligibility)

Release 5.0 Data Table: abcd_p_screen

Measure Description: Data from the Screener Instrument that was used to determine study eligibility prior to enrollment. This also includes estimates of twin participants physical similarity.

ABCD Subdomain: Screener

Number of Variables: 80

Notes and special considerations: None
