Resource Summary Report

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ABCD Study

RRID:SCR_015769
Type: Tool

Proper Citation

ABCD Study (RRID:SCR_015769)

Resource Information

URL: https://abcdstudy.org

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Description: Long-term study of brain development and child health in the United States. The study tracks subjects' biological and behavioral development through adolescence into young adulthood to determine how childhood experiences (such as sports, videogames, social media, unhealthy sleep patterns, and smoking) interact with each other and with a child’s changing biology to affect brain development and social, behavioral, academic, health, and other outcomes.

Abbreviations: ABCD

Synonyms: The Adolescent Brain Cognitive Development Study

Resource Type: data or information resource, data set

Defining Citation: PMID:29051027

Keywords: clinical study, adolescent, development, research, neuroimaging, brain development

Funding: NIDA U24 DA041123;
NIDA U24 DA041147;
NIDA U01 DA041120;
NIDA U01 DA041022;
NIDA U01 DA041025;
NIDA U01 DA041093;
NIDA U01 DA041028;
NIDA U01 DA041048;

NIDA U01 DA041106;
NIDA U01 DA041134;
NIDA U01 DA041148;
NIDA U01 DA041156;
NIDA U01 DA041174;
NIDA U24DA041123;
NIDA U01 DA041117

Availability: Available to the scientific community

Resource Name: ABCD Study

Resource ID: SCR_015769

Record Creation Time: 20220129T080327+0000

Record Last Update: 20250422T055909+0000

Ratings and Alerts

No rating or validation information has been found for ABCD Study.

No alerts have been found for ABCD Study.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 464 mentions in open access literature.

Listed below are recent publications. The full list is available at NIF.

Assari S, et al. (2025) Heat Exposure Predicts Earlier Childhood Pubertal Initiation, Behavioral Problems, and Tobacco Use. Global journal of epidemiology and infectious disease, 5(1).

Yang B, et al. (2025) Parental warmth buffers the negative impact of weaker fronto-striatal connectivity on early adolescents' academic achievement. Journal of research on adolescence : the official journal of the Society for Research on Adolescence, 35(1), e12949.

Gonzalez MR, et al. (2025) Responsible research in health disparities using the Adolescent Brain Cognitive DevelopmentSM (ABCD) study. Developmental cognitive neuroscience, 71, 101497.

Chiesa ST, et al. (2025) Childhood adiposity underlies numerous adult brain traits commonly

attributed to midlife obesity. Brain : a journal of neurology, 148(1), 133.

Jia T, et al. (2025) Hierarchical Neurocognitive Model of Externalizing and Internalizing Comorbidity. Research square.

Zhang R, et al. (2025) Elucidating distinct and common fMRI-complexity patterns in pre-adolescent children with Attention-Deficit/Hyperactivity Disorder, Oppositional Defiant Disorder, and Obsessive-Compulsive Disorder diagnoses. medRxiv : the preprint server for health sciences.

Nagata JM, et al. (2025) Associations Between Gender Diversity and Eating Disorder Symptoms in Early Adolescence. The International journal of eating disorders, 58(1), 216.

Fu Z, et al. (2025) Cognitive and psychiatric relevance of dynamic functional connectivity states in a large (N?>?10,000) children population. Molecular psychiatry, 30(2), 402.

Millward JM, et al. (2025) Distinguishing Transient From Persistent Brain Structural Changes in Pediatric Patients With Acute Disseminated Encephalomyelitis. Neurology(R) neuroimmunology & neuroinflammation, 12(1), e200337.

Sartor CE, et al. (2025) Parents' perspectives and behaviors regarding their child's access to alcohol: Variation by race/ethnicity, socioeconomic status, and neighborhood. Alcohol, clinical & experimental research, 49(1), 234.

Assari S, et al. (2025) Puberty Onset and Positive Urgency Explain Diminished Returns of Family Income on Tobacco and Marijuana Use. Open journal of psychology, 5(1).

Assari S, et al. (2025) Extreme Heat Exposure and Adolescent Cognitive Function. Open journal of neuroscience, 3(1).

Huang SY, et al. (2025) Genome-wide association study unravels mechanisms of brain glymphatic activity. Nature communications, 16(1), 626.

Siegel JS, et al. (2024) Psilocybin desynchronizes the human brain. Nature, 632(8023), 131.

Joo YY, et al. (2024) Polygenic architecture of brain structure and function, behaviors, and psychopathologies in children. bioRxiv : the preprint server for biology.

Zink J, et al. (2024) Longitudinal associations of screen time, physical activity, and sleep duration with body mass index in U.S. youth. The international journal of behavioral nutrition and physical activity, 21(1), 35.

Torgerson C, et al. (2024) Sex, gender diversity, and brain structure in early adolescence. Human brain mapping, 45(5), e26671.

Cotter DL, et al. (2024) Exposure to multiple ambient air pollutants changes white matter microstructure during early adolescence with sex-specific differences. Communications medicine, 4(1), 155.

Adise S, et al. (2024) Associations between perinatal risk and physical health in pre-adolescence in the Adolescent Brain Cognitive Development (ABCD) Study®: the unexpected relationship with sleep disruption. Pediatric research, 96(7), 1834.

Ramduny J, et al. (2024) Increasing the representation of minoritized youth for inclusive and reproducible brain-behavior associations. bioRxiv : the preprint server for biology.