

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 set, data or information resource

Defining Citation: [PMID:29051027](#)

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

Funding: NIDA U24 DA041123;
NIDA U24 DA041147;
NIDA U01 DA041120;
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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: 20260801T042753+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 670 mentions in open access literature.

Listed below are recent publications. The full list is available at [PRECISE-TBI](#) .

Hsu E, et al. (2026) Prenatal Exposure to Gestational Diabetes Mellitus Is Associated With Greater Pre-Pubertal BMI Growth and Faster Post-Pubertal Cortical Thinning During Peri-Adolescence. *Pediatric obesity*, 21(1), e70069.

Shariq D, et al. (2026) Cognitive Resilience and Vulnerability to Socioeconomic Disadvantage: Predictors Across Individual, Family, School, and Neighborhood Contexts. *Developmental science*, 29(1), e70105.

Pollmann A, et al. (2026) Longitudinal associations between adolescent adversity, brain development and behavioural and emotional problems. *Developmental cognitive neuroscience*, 77, 101646.

Yan J, et al. (2026) Causally informed, multifactorial pathways linking cognition and personality to adolescent mental health. *bioRxiv* : the preprint server for biology.

Beltz AM, et al. (2026) Research Review: On the (mis)use of puberty data in the ABCD Study® - a systematic review, problem illustration, and path forward. *Journal of child psychology and psychiatry, and allied disciplines*, 67(1), 138.

McCann CF, et al. (2026) Pubertal timing and tempo differentially influence cortical and subcortical maturation in adolescence. *Developmental cognitive neuroscience*, 77, 101657.

Kardan O, et al. (2025) Functional Brain Connectivity Predictors of Prospective Substance Use Initiation and Their Environmental Correlates. *Biological psychiatry. Cognitive neuroscience and neuroimaging*, 10(2), 203.

Assari S, et al. (2025) Extreme Heat Exposure is Associated with Lower Learning, General Cognitive Ability, and Memory among US Children. *Open journal of neuroscience*, 3(1), 10.

MacSweeney N, et al. (2025) The role of pubertal development in the association between trauma and internalising symptoms in female youth. *Journal of child psychology and psychiatry, and allied disciplines*, 66(8), 1197.

Shibata K, et al. (2025) Impact of APOE, Klotho, and sex on cognitive decline with aging. *Proceedings of the National Academy of Sciences of the United States of America*, 122(6), e2416042122.

Sen P, et al. (2025) Altered neural signalling during reward anticipation in children and early adolescents with high psychotic-like experiences. *NeuroImage. Clinical*, 45, 103756.

Baranger DA, et al. (2025) Enhancing task fMRI individual difference research with neural signatures. *medRxiv : the preprint server for health sciences*.

Breslin FJ, et al. (2025) Measuring adversity in the ABCD® Study: systematic review and recommendations for best practices. *BMC medical research methodology*, 25(1), 77.

Benitez-Aurioles J, et al. (2025) A neural network to create super-resolution MR from multiple 2D brain scans of pediatric patients. *Medical physics*, 52(3), 1693.

Thomas M, et al. (2025) The influence of deprivation on cortical development and psychotic symptoms in youth. *Journal of child psychology and psychiatry, and allied disciplines*, 66(8), 1249.

Assari S, et al. (2025) Resting-State Functional Connectivity Between the Cingulo-Opercular and Default Mode Networks May Explain Socioeconomic Inequalities in Cognitive Development. *Journal of cellular neuroscience*, 2(1), 1.

Duffy KA, et al. (2025) Characterizing the effects of age, puberty, and sex on variability in resting-state functional connectivity in late childhood and early adolescence. *NeuroImage*, 313, 121238.

Rosario MA, et al. (2025) Ambient Pollution Components and Sources Associated with Hippocampal Architecture and Memory in Pre-Adolescents. *bioRxiv : the preprint server for biology*.

Ghaleb C, et al. (2025) Exploring Behavioural Patterns in Youth Predisposed to Bipolar Disorder and the Role of Interpersonal Trauma Using the Adolescent Brain Cognitive Development (ABCD) Dataset. *Early intervention in psychiatry*, 19(6), e70058.

Zheng H, et al. (2025) Polygenic score for C-reactive protein is associated with accelerated cortical thinning and increased psychopathology in adolescents: a population-based longitudinal cohort study. Research square.