



National and State Data Sources for Assessing Adolescent and Young Adult Depression

Adolescent & Young Adult Behavioral Health Collaborative Innovation & Improvement Network
(AYA-BH CoIIN) Cohort 2

Source	Description	Relevance to Current Project	Limitations
National Surveys			
Youth Online	Youth Online lets you analyze national, state, and local Youth Risk Behavior Surveillance System (YRBSS) data from high school and middle school surveys conducted during 1991 – 2019.	YRBSS includes data on suicide-related behaviors and feeling sad or hopeless. Data available at the state-level. States may have elected to have add-on questions that address behavioral health	Data may be 1-2 years old depending on access date and questions included.
Behavior Risk Factor Surveillance System	The Behavior Risk Factor Surveillance System (BRFSS) collects data from all 50 states, D.C., and three territories. It includes questions on “healthy days” which can be limited to the frequency of poor mental health days and if respondent has ever been told they have a mood disorder.	It includes questions on “healthy days” which can be limited to the frequency of poor mental health days and if respondent has ever been told they have a mood disorder. Data analysis can be limited to young adults using 4-level imputed age (which includes 18-24 year olds)	2020 data is available
National Health and Nutrition Examination Survey	The National Health and Nutrition Examination Survey (NHANES) is a program of studies designed to assess the health and nutritional status of adults and children in the United States.	Data includes a depression screener	The COVID-19 pandemic impacted data collection for the 2019-2020 NHANES. Data from 2019-March 2020 with 2017-2018 data to create a 2017-March2020 dataset.

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	The survey is unique in that it combines interviews and physical examinations.		
National Survey on Drug Use and Health	<p>The National Survey on Drug Use and Health (NSDUH) measures:</p> <ul style="list-style-type: none"> • use of illegal drugs, prescription drugs, alcohol, and tobacco • mental disorders, treatment, and co-occurring substance use and mental disorders <p>The data provides estimates of substance use and mental illness at the national, state, and sub-state levels. NSDUH data also help to identify the extent of substance use and mental illness among different sub-groups, estimate trends over time, and determine the need for treatment services.</p>	Data available at the state and sub-state level.	2020 data has been released, but note that data was not collected between March 2020 and September 2020 due to the COVID-19 pandemic.
National Survey of Child and Adolescent Well-Being	<p>NSCAW, NSCAW II, and (currently) NSCAW III is national, longitudinal study of children and families who have had contact with child welfare system for maltreatment reports—Data collection from children, current caregivers, caseworkers, teachers, and agency administrative records—Designed to address crucial program, policy, and practice issues of concern to the federal, state, and local governments and child welfare agencies and local governments, and child welfare agencies</p>	Includes measures of depression (and other behavioral health issues) among children and adolescents (Children’s Depression Inventory, Child Behavior Check List, CRAFFT, etc.)	Must apply for data (no online portal for analysis), but you can request data here: https://www.ndacan.acf.hhs.gov/datasets/datasets-list-nscaw.cfm
Healthcare Utilization			
National Ambulatory Medical Care Survey	The National Ambulatory Medical Care Survey (NAMCS) is designed to meet the need for objective, reliable information about the	Selected services ordered or provided at office visits are	Most recent dataset is 2018

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	provision and use of ambulatory medical care services in the United States. Findings are based on a sample of visits to non-federally employed office-based physicians who are primarily engaged in direct patient care and, starting in 2006, a separate sample of visits to community health centers.	estimated, including depression screening	
State Medicaid Offices (example of how used)	State Medicaid offices would have healthcare utilization data that could be analyzed using quality measures designed for claims analysis.	States could also work with insurers to allow for screening codes that indicate positive or negative screening results	Limited to Medicaid eligible population, though could be replicated among commercial population if there is a relationship with a commercial insurer or access to an all-payer claims dataset (APCD)
Accountable Care Organization	Centers for Medicare and Medicaid Services (CMS) has created standard analytical files providing publicly available Shared Savings Program ACO Public Use File (PUF). The PUF Provides financial and quality performance data for each de-identified ACO, by performance year, including the following: <ul style="list-style-type: none"> Overall quality score Final sharing rate Minimum savings rate (MSR) Minimum loss rate (MLR) Benchmark Assigned beneficiary demographic characteristics and provider/supplier composition 	ACO18 (screening for depression and follow-up plan) and ACO40 (depression remission at 12mo) appear in 2017 PUF datasets.	Data for adolescents and young adults, specifically, is best obtained from ACO directly
Web-based Injury Statistics Query and Reporting System (WISQARS)	CDC's WISQARS™ (Web-based Injury Statistics Query and Reporting System) is an interactive, online database that provides fatal and nonfatal injury, violent death, and cost of injury data from	Cause of death reports can be queried by state, age ranges can be set	States may need to retrieve data directly from the "trusted sources"

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	<p>a variety of trusted sources. Researchers, the media, public health professionals, and the public can use WISQARS™ data to learn more about the public health and economic burden associated with unintentional and violence-related injury in the United States.</p>		
<p>National Syndromic Surveillance Program</p>	<p>CDC’s National Syndromic Surveillance Program (NSSP) is a collaboration between CDC and local and state health departments that collect, analyze, and share patient encounter data from emergency departments, urgent and ambulatory care centers, and inpatient healthcare settings, as well as pharmacy and laboratory data. These data are used to improve local, state, and national situational awareness and enhance responsiveness to hazardous events and outbreaks.</p>	<p>NSSP has been used in Idaho for surveillance of suicide attempts and ideation</p>	<p>States may need to leverage local resources for data analysis related to suicide attempt or ideations</p>
<p>National Emergency Medical Services Information System</p>	<p>The National Emergency Medical Services Information System (NEMSIS) is the national database that is used to store EMS data from the U.S. States and Territories. NEMSIS is a universal standard for how patient care information resulting from an emergency 911 call for assistance is collected. NEMSIS is a collaborative system to improve patient care through the standardization, aggregation, and utilization of point of care EMS data at a local, state and national level. NEMSIS is a product of NHTSA’s Office of EMS and in collaboration with the University of Utah is the host of the Technical Assistance Center (TAC).</p>	<p>State-level data may be available through local resources</p>	

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Workforce/Facility Capacity			
Robert Graham Center	The Robert Graham Center aims to improve individual and population healthcare delivery through the generation or synthesis of evidence that brings a family medicine and primary care perspective to health policy deliberations from the local to international levels	Data available for primary care workforce by state with projections.	Focus on Family and Pediatric medicine
American Academy of Child & Adolescent Psychiatry	The mission of AACAP is the promotion of the healthy development of children, adolescents, and families through advocacy, education, and research, and to meet the professional needs of child and adolescent psychiatrists throughout their careers.	Workforce maps by State Provide information for Primary Care Providers	
School Health Policies and Practices Study	The School Health Policies and Practices Study (SHPPS) is a national survey periodically conducted to assess school health policies and practices at the state, district, school, and classroom levels.	SHPPS includes data on counseling, psychological and social services in schools	Most current year of data is 2016. Data may not be available at the state level.
National Mental Health Services Survey	The National Mental Health Services Survey (N-MHSS) is an annual survey. It is designed to collect statistical information on the services and features of all known mental health treatment facilities in the United States. This includes the 50 states, the District of Columbia, and all U.S. territories. Every other year, starting in 2014, N-MHSS also collects information on the numbers and demographics of persons served in these treatment centers.	N-MHSS data includes data on age groups accepted at facilities for treatment	
Other			

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National Action Alliance for Suicide Prevention	Collecting timely and accurate suicide-related data is critical to developing successful suicide prevention efforts and measuring the impact of our work.	Reviewed several data systems , which may be present in participating States	Does not consolidate data. States would still have to find local resource connections
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Additional State-level Resources for Cohort 2

Arizona	https://www.azdhs.gov/prevention/health-systems-development/data-reports-maps/index.php https://crh.arizona.edu/publications/studies-reports
California	https://www.dhcs.ca.gov/dataandstats/data/Pages/default.aspx https://healthpolicy.ucla.edu/publications/search/pages/detail.aspx?PubID=1660 https://data.chhs.ca.gov/dataset/health-professional-shortage-area-mental-health2
Iowa	https://www.iowadatacenter.org/data https://idph.iowa.gov/publichealthdata https://idph.iowa.gov/LinkClick.aspx?fileticket=MUULxu0kE-l%3d&tabid=5228&portalid=1 https://iowayouthsurvey.idph.state.ia.us/
South Carolina	https://rfa.sc.gov/data-research https://rfa.sc.gov/boards-committees/dataoversight https://rfa.sc.gov/hd/utilization/iptop-query.php https://rfa.sc.gov/hd/utilization/iptop-result.php https://scdhec.gov/healthdata https://www.sciway.net/statistics/health.html https://www.scahec.net/scohw.html https://www.scahec.net/scohw/reports/132 page 98

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