



Sources of Preventive Visit Data for Adolescents & Young Adults

July 2023



This document provides the most up-to-date information on major national data sources that assess preventive visit receipt for adolescents and young adults in the United States.

It describes key features of data sources, including respondent, wording of preventive measure, and availability of online data analysis tools. The document provides opportunities for monitoring and analysis of preventive visit receipt by adolescent and young adult populations. We also provide information about data sets that formerly provided preventive visit data and/or may in the future and whether data is accessible through an online query system.

This document was produced by the Adolescent and Young Adult Health National Resource Center and the Adolescent and Young Adult Health Research Network, based at the University of California, San Francisco.

Adolescent Preventive Visit Data Sources

Survey title	National	State level	Data collection frequency	Respondent	Ages available	Past-year Preventive Visit	Survey wording or coding	Online Data Query System & Preventive Visit
National Health Interview Survey (NHIS)	X	X	Annual	Parent/caregiver	0-17	√	<p>Past-year preventive visit can be derived from three questions, as follows:*</p> <ul style="list-style-type: none"> • <u>Q1</u>: “About how long has it been since [NAME] last saw a doctor or other health professional about [his/her] health?” • If time frame given, then <u>Q2</u>: “Was this a well baby/child visit, physical, or general purpose check-up?” • If <u>Q2</u> response = yes and <u>Q1</u> response = visit was within 1 year, then past-year preventive visit = Yes. • If response = No not a prev. visit, then ask <u>Q3</u>: “About how long has it been since [NAME] last saw a doctor or other health professional for a well baby/child visit, physical, or general purpose checkup?” • If had preventive visit within 1 year (response to Q3), then past-year preventive visit = YES. If preventive visit was yes but more than 1 year ago or never had preventive visit, then past-year preventive visit = NO. 	Online Data Query System exists; includes preventive visit assessment.
Medical Expenditure Panel Survey (MEPS)	X	X	Annual	Parent/caregiver	0-17	√	Assessment through coding provider office or outpatient visits by type reported by parent/caregiver (includes general checkup, well-child examination, or receipt of immunizations or shots).	Online Data Query System exists; unable to locate preventive visit assessment.
National Survey of Children's' Health (NSCH)	X	X	Annual	Parent/caregiver	0-17	√	“During the past 12 months, how many times did this child visit a doctor, nurse, or other health care professional to receive a preventive check-up?”	Online Data Query System exists; includes preventive visit assessment.
California Health Interview Survey (CHIS)		CA	**I	Adolescent	0-17	√	"When was the last time you saw a doctor for a physical exam or check-up?" 1 = 3 mo ago or less; 2 = >3m up to 6m ago; 3 = >6m - 12m; 4 = >12m - 2 years; 5 = >2 years; 0 = never; -7 = refused; -8 = don't know.	Online Data Query System exists (AskCHIS); includes preventive visit assessment.**
Centers for Medicare and Medicaid Services (CMS)	X***	X***	Annual	1: Administrative data (claims data); 2: Hybrid data (mixture of claims & medical record data)	12-21	√	National and State annual “adolescent well-care visit” rates are presented in PDF documents. These visits measured through administrative (claims) and hybrid (combination of claims and medical record) data. All results are from Medicaid, Children's Health Insurance Program (CHIP), or a combination of Medicaid and CHIP.	No online Data Query System exists. Reports available online: Performance on the Child Core Set Measures, FFY 2020 .
National Ambulatory Medical Care Survey (NAMCS)	Access to most data requires permission from the NCHS.		Public use data not available since 2019.	Parent/caregiver	0-17	Preventive visit data are not currently available****	On the NAMCS Patient Record, preventive care was assessed using a check box: "Preventive care (e.g., routine prenatal, well baby screening, insurance, general exams)."	No online Data Query System exists.

*The authors of this resource document have made some minor changes from exact survey wording (e.g., characters/punctuation) for ease of reading.

**Preventive visit item is considered a "non-guaranteed core question", so it is possible that it might not be included in future cycles of CHIS.

***CMS adolescent well care visit outcomes are reported nationally and by state in the PDF pages.

****The NAMCS encompasses multiple surveys, each of which includes numerous measures. Over time, the surveys fielded in NAMCS' annual administration have changed, as have the measures included within each survey. At this time, preventive visit data are not collected. The NAMCS websites indicates that future administration of the NAMCS office-based physician survey will include visit data (including well visit data).

Young Adult Preventive Visit Data Sources

Survey title	National	State level	Data collection frequency	Respondent	Ages available	Past-Year Preventive Visit	Survey wording or coding*	Online Data Query System & Preventive Visit
National Health Interview Survey (NHIS)	X	X	Annual	Self	18+	√	<p>Past-year preventive visit can be derived from these three questions.</p> <ul style="list-style-type: none"> • Q1: “About how long has it been since you last saw a doctor or other health professional about your health?” • If time frame given, then Q2: “Was this a wellness visit, physical, or general purpose check-up?” • If Q2 response = yes and visit was within 1 year, then past-year preventive visit = Yes. If response = No not a prev. visit, then ask Q3: “About how long has it been since you last saw a doctor or other health professional for a wellness visit, physical, or general purpose check-up?” • If had preventive visit within 1 year (response to Q3), then past-year preventive visit = YES. If preventive visit was yes but more than 1 year ago or never had preventive visit, then past-year preventive visit = NO. 	Online Data Query System exists and includes preventive visit assessment.
Medical Expenditure Panel Survey (MEPS)	X	X	Annual	Adult most knowledgeable about family health in household	18+	√	Assessment through coding provider office or outpatient visits by type reported by parent/caregiver (includes general checkup, or receipt of immunizations or shots).	Online Data Query System exists; unable to locate preventive visit assessment.
Behavioral Risk Factors Surveillance Survey (BRFSS)	X	X	Annual	Self	18+	√	“About how long has it been since you last visited a doctor for a routine checkup? Read if necessary: “A routine checkup is a general physical exam, not an exam for a specific injury, illness, or condition.” 1 = within in past year; 2 = within past 2 years; 3 = within past 5 years; 4 = 5 or more years ago; 7 = don't know/not sure; 8 = never; 9 = refused.	Online Data Query System exists (WEAT - Web Enabled Analysis Tool); includes preventive visit assessment.
California Health Interview Survey (CHIS)		CA	**	Self	18+	√	About how long has it been since you last saw a doctor or medical provider for a routine checkup? 0 = 1 year ago or less; 1 = >1 year - 2 years; 2 = >2 years - 5 years; 3 = >5 years; 4 = never; -7 = refused; -8 = don't know.	Online Data Query System exists (AskCHIS); includes preventive visit assessment.**
National Ambulatory Medical Care Survey (NAMCS)	Access to most data requires permission from the NCHS.		Public use data not available since 2019.			Preventive visit data are not currently available.***	On the NAMCS Patient Record, preventive care was assessed using a check box: “Preventive care (e.g., routine prenatal, well baby screening, insurance, general exams).”	No online interactive Data Query System exists.

*The authors of this resource document have made some minor changes from exact survey wording (e.g., characters/punctuation) for ease of reading.

**Adult question on ‘time since last routine check-up’ (AJ114) is currently being funded by a sponsor, so is not a CHIS core question and has no guarantee that it will be continued annually.

***The NAMCS encompasses multiple surveys, each of which includes numerous measures. Over time, the surveys fielded in NAMCS' annual administration have changed, as have the measures included within each survey. At this time, preventive visit data are not collected. The NAMCS websites indicates that future administration of the NAMCS office-based physician survey will include visit data (including preventive visit data).

Selected publications on adolescent and young adult well visit using national data, Adolescent and Young Adult Health National Resource Center (2015 – 2023)

Adams SH, Park MJ, Brindis CD, Irwin CE, Jr. Adolescents' receipt of care in a medical home: Results from a national survey. *J Adolesc Health*. In Press, 2023.

<https://doi.org/10.1016/j.jadohealth.2023.05.019>

Adams SH, Po J, Park MJ, Irwin CE, Jr. Monitoring adolescents' receipt of time alone from two national surveys. *J Adolesc Health*. 2021;68(1):79-85.

<https://doi.org/10.1016/j.jadohealth.2020.05.002>

Adams SH, Park MJ, Twietmeyer L, Brindis CD, Irwin CE, Jr. Young adult preventive healthcare: Changes in receipt of Care. *J Adolesc Health*. 2019;64(5):763-769.

<https://doi.org/10.1016/j.jadohealth.2018.12.004>

Adams SH, Park MJ, Twietmeyer L, Brindis CD, Irwin CE, Jr. Increasing delivery of preventive services to adolescents and young adults: Does the preventive visit help? *J Adolesc Health*. 2018;63(2):166-171. <https://doi.org/10.1016/j.jadohealth.2018.03.013>

Adams SH, Park MJ, Twietmeyer L, Brindis CD, Irwin CE, Jr. Association between adolescent preventive care and the Affordable Care Act. *JAMA Pediatr*. 2018;172(1):43-48.

<https://doi.org/10.1001/jamapediatrics.2017.3140>

Adams S, Park MJ, Irwin CE, Jr. Adolescent and young adult preventive care: Comparing national survey rates. *Am J Prev Med*. 2015; 49(2): 238-47.

<https://doi.org/10.1016/j.amepre.2015.02.022>

Suggested citation

Adams SA, Park MJ, Brindis CD, Irwin CE, Jr. Sources of Preventive Visit Data for Adolescents and Young Adults. (2023). Adolescent and Young Adult Health National Resource Center & Adolescent and Young Adult Health Research Network; San Francisco. Available from:

<https://nahic.ucsf.edu/resources/preventive-visit-data-sources/>

Acknowledgement

The development of this brief was supported by the Health Resources and Services Administration (HRSA) of the U.S. Department of Health and Human Services (HHS) cooperative agreements U45MC27709 (Adolescent and Young Adult Health National Resource Center) and U8DMC45901 (Adolescent and Young Adult Health Research Network). The information, content and/or conclusions are those of the authors and should not be construed as the official position or policy of, nor should any endorsements be inferred by HRSA, HHS or the U.S. Government.