

LIST OF PUBLICATIONS USING DATA FROM NAMCS AND NHAMCS

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CDC](#) (Scroll down to Bibliography)

National Ambulatory Medical Care Survey (NAMCS) and National Hospital Ambulatory Medical Care Survey (NHAMCS) List of Publications (12/31/2025)

This list includes reports produced within the National Center for Health Statistics as well as journal articles and books using NAMCS and NHAMCS data. Selections are listed by topic in chronological order, beginning with the most recent in each section. NCHS reports comprise several different formats: *Advance Data from Vital Statistics* reports (ADR) are short summaries, generally not more than 32 pages in length. As of January 2008, this format became *National Health Statistics Reports* (NHSR). *Vital and Health Statistics Series* reports present detailed descriptive statistics. *Data Briefs* are a shorter NCHS report format, generally no more than 8 pages, that was initiated in 2007. **Some overlap of topics will be apparent in certain articles and these may be cross-indexed.**

NAMCS was conducted annually from 1973-1981, again in 1985, and has been an annual survey since 1989. However, 2019 was the last year of visit-level data collection; only physician-level data have been collected starting in 2020. NHAMCS was first conducted in 1992 and continued to be fielded annually through 2022. Publications summarizing those data can be found after the NAMCS listings.

NATIONAL AMBULATORY MEDICAL CARE SURVEY

1a. NCHS SUMMARY REPORTS AND DATA BRIEFS

NOTE: Beginning with 2008 NAMCS data, the traditional summary reports are no longer available. Instead, short reports featuring new data focused on a particular topic are being published in the NCHS *Data Brief* series. Also available at the NAMCS [website](#) are [web tables](#) which include many of the tables previously published in the annual summary reports. The NCHS summary reports and data briefs cited below can be found [here](#).

Data Briefs

Santo L, Schappert SM, Ashman JJ. [Characteristics of Visits to Health Centers: United States, 2020](#). NCHS Data Brief, no 438. Hyattsville, MD: National Center for Health Statistics. 2022.

Ashman JJ, Santo L, Okeyode T. [Characteristics of office-based physician visits, 2018](#). NCHS Data Brief, no 408. Hyattsville, MD: National Center for Health Statistics. 2021.

Ashman JJ, Rui P, Okeyode T. [Characteristics of office-based physician visits, 2016](#). NCHS Data Brief, no 331. Hyattsville, MD: National Center for Health Statistics. 2019.

Cherry D, Albert M, McCaig LF. [Mental health-related physician office visits by adults aged 18 and over: United States, 2012–2014](#). NCHS Data Brief, no 311. Hyattsville, MD: National Center for Health Statistics. 2018.

Ashman JJ, Rui P, Okeyode T. [Characteristics of office-based physician visits, 2015](#). NCHS Data Brief, no 310. Hyattsville, MD: National Center for Health Statistics. 2018.

Ashman JJ, Rui P, Okeyode T. [Characteristics of office-based physician visits, 2014](#). NCHS data brief, no 292. Hyattsville, MD: National Center for Health Statistics. 2017.

Albert M, Rui P, Ashman JJ. [Physician Office Visits for Attention-deficit/Hyperactivity Disorder in Children and Adolescents Aged 4-17 Years: United States, 2012-2013](#). NCHS Data Brief, no. 269. Hyattsville, MD: National Center for Health Statistics. 2017.

Ashman JJ, Rui P, Schappert SM. [Age Differences in Visits to Office-based Physicians by Adults With Hypertension: United States, 2013](#). NCHS data brief, no 263. Hyattsville, MD: National Center for Health Statistics. 2016.

[State Variation in Electronic Sharing of Information in Physician Offices: United States, 2015](#) [Data Brief No. 261]

[Physician Office Visits by Children for Well and Problem-focused Care: United States, 2012](#) [Data Brief No. 248]

[Characteristics of Physician Office Visits for Obesity by Adults Aged 20 and Over: United States, 2012](#) [Data Brief No. 237]

[Adoption of Certified Electronic Health Record Systems and Electronic Informaion Sharing in Physician Offices: United States, 2013 and 2014](#) [Data Brief No. 236]

[State Variation in Preventive Care Visits, by Patient Characteristics, 2012](#) [Data Brief, No. 234]

[Variation in Physician Office Visit Rates by Patient Characteristics and State, 2012](#). [Data Brief No. 212]

[Acceptance of New Patients With Public and Private Insurance by Office-based Physicians: United States, 2013](#) [Data Brief No. 195]

[Age Differences in Visits to Office-based Physicians by Patients With Diabetes: United States, 2010](#) [Data Brief No. 161]

[State Variability in Supply of Office-based Primary Care Providers: United States, 2012](#) [Data Brief No. 151]

[Use and Characteristics of Electronic Health Record Sysrtems Among Office-based Physician Practices: United States, 2001-2013](#) [Data Brief No. 143]

[Physician Experience With Electronic Health Record Systems That Meet Meaningful Use Criteria: NAMCS Physidcian Workflow Survey, 2011](#) [Data Brief No. 129]

[Use and Characteristics of Electronic Health Record Systems Among Office-based Physician Practices: United States, 201-2012](#) [Data Brief No. 111]

[Physician Adoption of Electronic Health Record Systems: United States, 2011](#) [Data Brief No. 98]

[Office-based Physician Practices: United States, 2001-2011](#) [Data Brief No. 79]

[Nurse Practitioners, Certified Nurse Midwives, and Physician Assistants in Physician Offices](#) [Data Brief No. 69]

[Community Health Centers: Providers, Patients and Content of Care](#) [Data Brief No. 65]

Summary Reports

Ambulatory Medical Care Utilization Estimates for 2007 [Series 13 No. 169]

2006 NAMCS Summary [NHSR No. 3]

Ambulatory Medical Care Utilization Estimates for 2006 [NHSR No. 8]

2005 NAMCS Summary [ADR No. 387]

Ambulatory Medical Care Utilization Estimates for 2005 [ADR No. 388]

Medication Therapy in Ambulatory Medical Care: United States, 2003-04 [Series 13 No. 163]

2004 NAMCS Summary [ADR No. 374]

Ambulatory Care Visits to Physician Offices, Hospital Outpatient Departments, and Emergency Departments: United States, 2001-2002 [Series 13 No.159]

2003 NAMCS Summary [ADR No. 365]
 Ambulatory Care Visits to Physician Offices, Hospital Outpatient Departments, and Emergency Departments: United States, 1999-2000 [Series 13 No. 157]
 2002 NAMCS Summary [ADR No. 346]
 2001 NAMCS Summary [ADR No. 337]
 2000 NAMCS Summary [ADR No. 328]
 1999 NAMCS Summary [ADR No. 322]
 1998 NAMCS Summary [ADR No. 315]
 Ambulatory Care Visits to Physician Offices, Hospital Outpatient Departments, and Emergency Departments: United States, 1997 [Series 13, No. 143]
 1995-96 NAMCS Summary [Series 13, No. 142]
 1997 NAMCS Summary [ADR No. 305]
 1993 NAMCS Summary [Series 13, No. 136]
 Ambulatory Care Visits to Physician Offices, Hospital Outpatient Departments, and Emergency Departments: United States, 1996 [Series 13, No. 134]
 1996 NAMCS Summary [ADR No. 295]
 Ambulatory Care Visits to Physician Offices, Hospital Outpatient Departments, and Emergency Departments: United States, 1995 [Series 13, No. 129]
 1995 NAMCS Summary [ADR No. 286]
 1994 NAMCS Summary [ADR No. 273]
 1993 NAMCS Summary [ADR No. 270]
 1992 NAMCS Summary [ADR No. 253]
 1991 NAMCS Summary [Series 13, No. 116]
 1991 NAMCS Summary [ADR No. 230]
 1990 NAMCS Summary [ADR No. 213]
 1989 NAMCS Summary [Series 13, No. 110]
 1989 NAMCS Summary [ADR No. 203]
 NAMCS Trends, 1975-1981 and 1985 [Series 13, No. 93]
 1985 NAMCS Summary [ADR No. 128]
 1981 NAMCS Summary [ADR No. 88]
 1980 NAMCS Summary [ADR No. 77]
 NAMCS Complement Survey, 1980 [Series 13, No. 77]
 1979 NAMCS Summary [Series 13, No. 66]
 1979 NAMCS Summary [ADR No. 66]
 1978 NAMCS Summary [ADR No. 60]
 1977 NAMCS Summary [Series 13, No. 44]
 1977 NAMCS Summary [ADR No. 48]
 1976 NAMCS Summary [ADR No. 30]
 1975 NAMCS Summary [Series 13, No. 33]
 1975 NAMCS Summary [ADR No. 12]
 1973 NAMCS Summary [Series 13, No. 21]
 NAMCS: May 1973-April 1974 [Monthly Vital Statistics Report, Vol. 24, No. 4, Supplement (2), July 14, 1975]

1b. SUMMARY REPORTS – JOURNAL ARTICLES USING NAMCS DATA

Maier JS, Baughman D, Schiermeyer C, Kindler K. [Utilizing National Survey Data to Benchmark Comprehensive Care in a Large Health System](#). J Am Board Fam Med. 2025 Aug 11. doi: 10.3122/jabfm.2024.240254R1. Online ahead of print. PMID: 40789625

Parzuchowski A, Oronce C, Guo R, Tseng CH, Fendrick AM, Mafi JN. Evaluating the accessibility and value of U.S. ambulatory care among Medicaid expansion states and non-expansion states, 2012-2015. BMC Health Serv Res. 2023 Jul 3;23(1):723. doi: 10.1186/s12913-023-09696-x. PMID: 37400793 Free PMC article.

Landon BE, Bayram C, Harrison C. Primary Care Visits in the USA and Australia 2000-2016. *J Gen Intern Med*. 2022 Jul 25. doi: 10.1007/s11606-022-07729-5. Online ahead of print. PMID: 35879536

Barnett ML, Linder JA, Clark CR, Sommers BD. Low-Value Medical Services in the Safety-Net Population. *JAMA Intern Med*. 2017 Apr 10. doi: 10.1001/jamainternmed.2017.0401. [Epub ahead of print]

Mafi JN, Wee CC, Davis RB, Landon BE. Association of Primary Care Practice Location and Ownership With the Provision of Low-Value Care in the United States. *JAMA Intern Med*. 2017 Apr 10. doi: 10.1001/jamainternmed.2017.0410. [Epub ahead of print]

Pemberton MR, Bose J, Kilmer G, Kroutil LA, Forman-Hoffman VL, Gfroerer JC. Comparison of NSDUH Health and Health Care Utilization Estimates to Other National Data Sources. CBHSQ Data Review. Rockville (MD): Substance Abuse and Mental Health Services Administration (US); 2012-.

Lau DT, McCaig LF, Hing E. Toward a More Complete Picture of Outpatient, Office-Based Health Care in the U.S. *Am J Prev Med*. 2016 Apr 5. pii: S0749-3797(16)30003-4. doi: 10.1016/j.amepre.2016.02.028. [Epub ahead of print]

Dieleman JL, Baral R, Birger M, Bui A. et al. US Spending on Personal Health Care and Public Health, 1996-2013. December 27, 2016. *JAMA*. 2016;316(24):2627-2646. doi:10.1001/jama.2016.16885

Wilson FA, Stimpson JP, Wang Y. [Inconsistencies Exist in National Estimates of Eye Care Services Utilization in the United States](#). *J Ophthalmol*. 2015;2015:435606. doi: 10.1155/2015/435606. Epub 2015 Aug 9.

Kale MS, Bishop TF, Federman AD, Keyhani S. Trends in the Overuse of Ambulatory Health Care Services in the United States. *Arch Intern Med*. 2012 Dec 24;172(1):7-13. doi: 10.1001/2013.jamainternmed.1022. [Epub ahead of print]

Pitts SR, Carrier ER, Rich EC, Kellerman AL. Where Americans Get Acute Care: Increasingly, It's Not At Their Doctor's Office. *Health Affairs*, 29, no. 9 (2010): 1620-1629. doi: 10.1377/hlthaff.2009.1026

2a. PHYSICIAN SPECIALTY, PRACTICE CHARACTERISTICS - NCHS REPORTS

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Routine prenatal care visits by provider specialty in the United States, 2009-2010 [Data Brief No. 145]

Generalist and Specialty Physicians: Supply and Access, 2009-2010 [Data Brief No. 105]

Nurse Practitioners, Certified Nurse Midwives, and Physician Assistants in Physician Offices (Data from the 2009 NAMCS) [Data Brief No. 69]

Community Health Centers: Providers, Patients, and Content of Care [Data Brief No. 65]

Visits to Primary Care Delivery Sites: United States, 2008 [Data Brief No. 47]

Office Visits to Orthopedic Surgeons: United States, 1995-96 [ADR No. 302]

Office Visits to Neurologists: 1991-92 [ADR No. 267]

Office Visits to Dermatologists: 1989-90 [ADR No. 240]

Office Visits to Psychiatrists: 1989-90 [ADR No. 237]

Office Visits to Urologists: 1989-90 [ADR No. 234]

Office Visits to General Surgeons: 1989-90 [ADR No. 228]

Office Visits to Cardiovascular Disease Specialists: 1989-90 [ADR No. 226]

Office Visits to Obstetricians and Gynecologists: 1989-90 [ADR No. 223]

Office Visits to Otolaryngologists: 1989-90 [ADR No. 222]

Office Visits to Internists: 1989 [ADR, No. 209]

Office Visits to Pediatric Specialists: 1989 [ADR No. 208]

Office Visits to Cardiovascular Disease Specialists: 1985 [ADR No. 171]

Practice Patterns of Ophthalmologists: 1985 [ADR No. 162]

Office Visits to Neurologists: 1985 [ADR No. 158]
Office Visits to Psychiatrists: 1985 [Series 13, No. 94]
Highlights of Osteopathic Office Practice, 1985 [ADR No. 138]
Office Visits to Orthopedic Surgeons: 1980-81 [ADR No. 117]
Patterns of Ambulatory Care in Internal Medicine: 1980-81 [Series 13, No. 80]
Patterns of Ambulatory Care in Visits to General Surgeons: 1980-81 [Series 13, No. 79]
Patterns of Ambulatory Care in Obstetrics and Gynecology: 1980-81 [Series 13, No. 76]
Patterns of Ambulatory Care in Pediatrics: 1980-81 [Series 13, No. 75]
Patterns of Ambulatory Care in General and Family Practice: 1980-81 [Series 13, No. 73]
Office Visits for Preventive Care: 1977-78 [ADR No. 69]
Characteristics of Visits to Female and Male Physicians: 1977 [Series 13, No. 49]
Office Visits to Cardiovascular Disease Specialists: 1975-76 [ADR No. 42]
Office Visits to Urologists: 1975-76 [ADR No. 39]
Office Visits to Internists: 1975 [Series 13, No. 36]
Office Visits to Psychiatrists: 1975-76 [ADR No. 38]
Office Visits to Dermatologists: 1975-76 [ADR No. 37]
Office Visits to Otolaryngologists: 1975-76 [ADR No. 36]
Office Visits to Orthopedic Surgeons: 1975-76 [ADR No. 33]
Office Visits to Doctors of Osteopathy: 1975 [ADR No. 25]
Office Visits to General Surgeons: 1975 [ADR No. 22]
Office Visits to Obstetricians and Gynecologists: 1975 [ADR No. 20]
Office Visits to Internists: 1975 [ADR, No. 16]
Office Visits to General and Family Practitioners: 1975 [ADR No. 15]
Ambulatory Medical Care Rendered in Pediatricians' Offices During 1975 [ADR No. 13]
Office Visits to General and Family Physicians: 1974 [Monthly Vital Statistics Report, Vol 25, No. 2, Supplement (2), May 18, 1976]
Also:

The Treatment Practices of Black Physicians. Prepared by Koba Associates for U.S. Department of Health, Education, and Welfare, Public Health Service, Health Resources Administration, Office of Health Resources Opportunity. DHEW Publication No. (HRA) 80-628. April 1979.

2b. PHYSICIAN SPECIALTY, PRACTICE CHARACTERISTICS - JOURNAL ARTICLES USING NAMCS DATA

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3b. PATIENT CHARACTERISTICS - JOURNAL ARTICLES USING NAMCS DATA

(This section includes articles focused on medical care within a population sub-group, however, it is still possible that some articles may be indexed in other sections. In general, articles focused on medication therapy are indexed in the Medication section, regardless of patient characteristics.)

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9a. PROVIDER CHARACTERISTICS – NCHS REPORTS

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NATIONAL HOSPITAL AMBULATORY MEDICAL CARE SURVEY

1a. NCHS SUMMARY REPORTS and DATA BRIEFS

NOTE: Beginning with 2008 NHAMCS data, the traditional summary reports are no longer available. Instead, short reports featuring new data focused on a particular topic are being published in the NCHS *Data Brief* series. Also available at the NHAMCS [website](#) are [web tables](#), starting with 2008 data, which include many of the tables previously published in the annual summary reports. The NCHS summary reports and data briefs cited below can be found [here](#).

Data Briefs

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3a. REASON FOR VISIT, DIAGNOSIS - NCHS REPORTS

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3b. REASON FOR VISIT, DIAGNOSIS - JOURNAL ARTICLES USING NHAMCS DATA

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7a. OTHER CHARACTERISTICS OF HOSPITAL OUTPATIENT AND EMERGENCY DEPARTMENT VISITS – NCHS REPORTS

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10a. MISCELLANEOUS - OTHER PUBLICATIONS USING NHAMCS DATA

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