National Ambulatory Medical Care Survey (NAMCS) and National Hospital Ambulatory Medical Care Survey (NHAMCS)
List of Publications (updated 4/1/05)

The list includes summary 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. Summary reports are of two kinds: ADRs (Advance Data Reports) are short summaries, generally under 20 pages, while Series Reports present detailed descriptive statistics. Some overlap of topics will be apparent in certain articles. The NHAMCS was first conducted in 1992; publications summarizing these data can be found after the NAMCS listings.

NATIONAL AMBULATORY MEDICAL CARE SURVEY

1. NAMCS SUMMARY REPORTS

In progress, due 2005:

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

Already published:

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]
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]

2a. PHYSICIAN SPECIALTY, CHARACTERISTICS - NCHS REPORTS

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]

Also:

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


Glied S, Zivin JG. How do doctors behave when some (but not all) of their patients are in managed care? Journal of Health Economics 21 (2): 337-353 Mar 2002

Mills AC, McSweeney M. Nurse practitioners and physician assistants revisited: Do their practice patterns differ in ambulatory care? *J Prof Nurs* 2002 Jan-Feb;18(1):36-46


Thompson TT, Feldman SR, Fleischer AB Jr. Only 33% of visits for skin disease in the US in 1995 were to dermatologists: is decreasing the number of dermatologists the appropriate response? *Dermatol Online J* 1998 Oct;4(1):3


Fleischer A Jr, Thompson T, Feldman S. Prevalence of skin conditions is high among elderly population, but majority of care provided by non-dermatologists. *Skin & Aging* 1998; 1: 8-9


**2c. PHYSICIAN SPECIALTY - BOOKS USING NAMCS DATA**


3a. PATIENT CHARACTERISTICS - NCHS REPORTS

Visits by Adolescents, 1985 [ADR No. 196]
Visits by Hispanics: 1980-81 [ADR No. 129]
Patients 75 Years Old and Over: 1980-81 [ADR No. 110]
Health Care of Adolescents: 1980-81 [ADR No. 99]
Use of Health Services by Women 65 Years of Age and Over [Series 13, No. 59]
Office Visits by Women: 1977 [Series 13, No. 45]
Office Visits by Black Patients: 1975-76 [ADR No. 50]
Ambulatory Care Utilization Patterns of Children and Young Adults: 1975 [Series 13, No. 39]
Office Visits by Persons Aged 65 and Over [ADR No. 22]

3b. PATIENT CHARACTERISTICS - JOURNAL ARTICLES USING NAMCS DATA


Lasser KE, Himmelstein DU, Woolhandler SJ, McCormick D, Bor DH. Do minorities in the United States receive fewer mental health services than whites? Int J Health Serv 2002;32(3):567-78


Marcell AV, Klein JD, Fischer I, Allan MJ, Kokotailo PK. Male adolescent use of health care services: Where are the boys? *Journal of Adolescent Health* 30: (1) 35-43 Jan 2002


### 3c. Patient Characteristics - Other Publications Using NAMCS Data

4a. REASON FOR VISIT, DIAGNOSIS - NCHS REPORTS

Already published:

Ambulatory Care Visits for Asthma: United States, 1993-94 [ADR No. 277]
Office Visits for Otitis Media: United States, 1975-90 [ADR No. 214]
Office Visits for Diabetes Mellitus: 1989 [ADR No. 211]
Use of Health Services for Disorders of the Female Reproductive System: 1977-78 [Series 13, No. 63]
Patient's Reasons for Visiting Physicians: 1977-78 [Series 13, No. 56]
Headache as the Reason for Office Visits: 1977-78 [ADR No. 67]
Cough as the Reason for Office Visits: 1977-78 [ADR No. 65]
Office Visits for Male Genitourinary Conditions: 1977-78 [ADR No. 63]
Office Visits for Diabetes Mellitus: 1977 [ADR No. 57]
Office Visits for Diseases of the Respiratory System: 1975-76 [Series 13, No. 42]
Office Visits for Family Planning: 1977 [ADR No. 49]
Office Visits for Diseases of the Circulatory System: 1975-76 [Series 13, No. 40]
Office Visits for Respiratory Conditions: 1975-76 [ADR No. 41]
Office Visits for Hypertension: 1975-76 [ADR No. 28]

4b. REASON FOR VISIT, DIAGNOSIS - JOURNAL ARTICLES USING NAMCS DATA


Hootman JM, Helmick, CG. Schappert SM. Magnitude and characteristics of arthritis and other rheumatic conditions on ambulatory medical care visits, United States, 1997. *Arthritis Care and Research* 2002 Dec, 47(6): 571-581


Robison LM, Skaer TL, Sclar DA, Galin RS. Is attention deficit hyperactivity disorder increasing among girls in the US? Trends in diagnosis and the prescribing of stimulants. CNS Drugs 2002;16(2):129-137


Zoler ML. Antibiotics often given for nonbacterial prostatitis. *Internal Medicine News* November 15, 1996: 47.


4c. REASON FOR VISIT, DIAGNOSIS - OTHER PUBLICATIONS USING NAMCS DATA


5a. DIAGNOSTIC, SCREENING, and PREVENTIVE SERVICES, NONMEDICATION THERAPY - NCHS REPORTS

Physiotherapy Visits: 1980-81 [ADR No. 120]
Office Visits Involving X-Rays: 1977 [ADR No. 53]

5b. DIAGNOSTIC, SCREENING, and PREVENTIVE SERVICES, NONMEDICATION THERAPY - JOURNAL ARTICLES USING NAMCS DATA


Parnes B, Main DS, Holcomb S, Pace W. Tobacco cessation counseling among underserved patients: A report from CaReNet. Journal of Family Practice 51: (1) 65-69 Jan 2002


Harris MI. Frequency of oral glucose tolerance testing in the U.S. *Diabetes Care* January 1995.


Harris MI, Eastman RC, Siebert C. The DCCT and medical care for diabetes in the U.S. *Diabetes Care* 17:761-64. 1994.


**6a. MEDICATION THERAPY - NCHS REPORTS**

Medication Therapy in Ambulatory Medical Care: National Ambulatory Medical Care Survey and National Hospital Ambulatory Medical Care Survey, 1992 [ADR No. 290]
Drug Utilization in Office Practice, 1990 [ADR No. 232]
Utilization of Controlled Drugs in Ambulatory Care, 1985 [ADR No. 177]
Highlights of Drug Utilization in Office Practice: 1985 [ADR No. 134]
The Management of Chronic Pain: 1980-81 [ADR No. 123]
Use of Antimicrobial Drugs in Office Practice: 1980-81 [Series 13, No. 85]
Use of Topical Antimicrobial Drugs: 1980-81 [ADR No. 106]
The Management of New Pain in Office-based Ambulatory Care: 1980-81 [ADR No. 97]
The Utilization of Analgesic Drugs in Office-based Practice: 1980-81 [ADR No. 96]
Utilization of Psychotrophic Drugs in Office-based Care: 1980-81 [ADR No. 90]
Drugs Most Frequently Used in Office Practice: 1981 [ADR, No. 89]
Drug Utilization in General and Family Practice by Characteristics of Physicians and Office Visits: 1980 [ADR, No. 87]
Medication Therapy in Office Visits for Selected Diagnoses: 1980 [Series 13, No. 71]
Drug Utilization in Office Visits to Primary Care Physicians: 1980 [ADR No. 86]
Drug Utilization in Office Practice by Age and Sex of the Patient: 1980 [ADR No. 81]
Medication Therapy in Visits for Hypertension: 1980 [ADR No. 80]
Drugs Most Frequently Used in Office-based Practice: 1980 [ADR No. 78]
Drug Utilization in Office-based Practice, A Summary of Findings: 1980 [Series 13, No. 65]
6b. MEDICATION THERAPY - JOURNAL ARTICLES USING NAMCS DRUG DATA


Daumit GL, Crum RM, Guallar E, Powe NR, Primm AB, Steinwachs DM, Ford DE. Outpatient prescriptions for atypical antipsychotics for African-Americans, hispanics, and whites in the United States. *Arch Gen Psychiatry* 2003 Feb;60(2):121-8


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Aparasu RR, Helgeland DL. Utilization of ambulatory care services caused by adverse effects of medications in the United States. Managed Care Interface April 2000, 70-74.


Schwartz BS, Mainous AG, Marcy AM. Why do physicians prescribe antibiotics for children with upper respiratory tract infections? *JAMA* 1998;279:881-882. [Editorial accompanying Nyquist et al. and containing substantial references to NAMCS data.]


**7a. OTHER CHARACTERISTICS OF OFFICE VISITS - NCHS REPORTS**

Use of computerized clinical support systems in medical settings: United States, 2001-03 [ADR No. 353]
Characteristics of prepaid plan visits to office-based physicians: 1991 [ADR No. 269]

**7b. OTHER CHARACTERISTICS OF OFFICE VISITS - JOURNAL ARTICLES USING NAMCS DATA**


Hu P, Rueben DB. Effects of managed care on the length of time that elderly patients spend with physicians during ambulatory visits. *Medical Care* 2002 40(7):606-13


Forrest CB, Reid RJ. Passing the baton: HMOs' influence on referrals to specialty care. *Health Affairs* 1997; 16:157-162.

8a. METHODOLOGY - NCHS REPORTS

Sample Design, Sampling Variance, and Estimation Procedures [Series 2, No. 108]
The Collection and Processing of Drug Information: 1980 [Series 2, No. 90]
A Reason for Visit Classification for Ambulatory Care, 1977 [Series 2, No. 78]
Symptom Classification [Series 2, No. 63]
Background and Methodology [Series 2, No. 61]

8b. METHODOLOGY - JOURNAL ARTICLES USING NAMCS DATA


8c. METHODOLOGY - OTHER PUBLICATIONS USING NAMCS DATA


1. NHAMCS SUMMARY REPORTS

In progress, due 2005:

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

Already published:

Ambulatory Care Visits to Physician Offices, Hospital Outpatient Departments, and Emergency Departments: United States, 1999-2000 [Series 13, No. 157]
National Hospital Ambulatory Medical Care Survey: 2002 Outpatient Department Summary [ADR No. 345]
Characteristics of Emergency Departments Serving High Volumes of Safety-Net Patients: United States, 2000 [Series 13, No. 155]
National Hospital Ambulatory Medical Care Survey: 2002 Emergency Department Summary [ADR No. 340]
National Hospital Ambulatory Medical Care Survey: 2001 Outpatient Department Summary [ADR No. 338]
National Hospital Ambulatory Medical Care Survey: 2001 Emergency Department Summary [ADR No. 335]
National Hospital Ambulatory Medical Care Survey: 2000 Outpatient Department Summary [ADR No. 327]
National Hospital Ambulatory Medical Care Survey: 2000 Emergency Department Summary [ADR No. 326]
Trends in Hospital Emergency Department Utilization: United States, 1992-99 [Series 13, No. 150]
National Hospital Ambulatory Medical Care Survey: 1999 Outpatient Department Summary [ADR No. 321]
National Hospital Ambulatory Medical Care Survey: 1999 Emergency Department Summary [ADR No. 320]
National Hospital Ambulatory Medical Care Survey: 1998 Outpatient Department Summary [ADR No. 317]
National Hospital Ambulatory Medical Care Survey: 1998 Emergency Department Summary [ADR No. 313]
Ambulatory Care Visits to Physician Offices, Hospital Outpatient Departments, and Emergency Departments: United States, 1997 [Series 13, No. 143]
National Hospital Ambulatory Medical Care Survey: 1997 Outpatient Department Summary [ADR No. 307]
National Hospital Ambulatory Medical Care Survey: 1997 Emergency Department Summary [ADR No. 304]
Ambulatory Care Visits to Physician Offices, Hospital Outpatient Departments, and Emergency Departments: United States, 1996 [Series 13, No. 134]
National Hospital Ambulatory Medical Care Survey: 1996 Outpatient Department Summary [ADR No. 294]
National Hospital Ambulatory Medical Care Survey: 1996 Emergency Department Summary [ADR No. 293]
Ambulatory Care Visits to Physician Offices, Hospital Outpatient Departments, and Emergency Departments: United States, 1995 [Series 13, No. 129]
National Hospital Ambulatory Medical Care Survey: 1995 Outpatient Department Summary. [ADR No. 284]
National Hospital Ambulatory Medical Care Survey: 1995 Emergency Department Summary [ADR No. 285]
National Hospital Ambulatory Medical Care Survey, 1992 Emergency Department Summary [Series 13, No.125]
National Hospital Ambulatory Medical Care Survey: 1994 Outpatient Department Summary. [ADR No. 276]
National Hospital Ambulatory Medical Care Survey: 1994 Emergency Department Summary [ADR No. 275]
National Hospital Ambulatory Medical Care Survey: 1993 Emergency Department Summary [ADR No. 271]
National Hospital Ambulatory Medical Care Survey: 1993 Outpatient Department Summary. [ADR No. 268]
National Hospital Ambulatory Medical Care Survey: 1992 Outpatient Department Summary. [ADR No. 248]
National Hospital Ambulatory Medical Care Survey: 1992 Emergency Department Summary. [ADR No. 245]
2a. PATIENT CHARACTERISTICS - NCHS REPORTS


2b. PATIENT CHARACTERISTICS - JOURNAL ARTICLES USING NHAMCS DATA


Marcell AV, Klein JD, Fischer I, Allan MJ, Kokotailo PK. Male adolescent use of health care services: Where are the boys? *Journal of Adolescent Health* 30: (1) 35-43 JAN 2002


2c. PATIENT CHARACTERISTICS - OTHER PUBLICATIONS USING NHAMCS DATA


3a. REASON FOR VISIT, DIAGNOSIS - NCHS REPORTS

Injury Visits to Hospital Emergency Departments: United States, 1992-1995 [Series 13, No. 131]
Drug- and Alcohol-Related Visits to Hospital Emergency Departments, 1992 [ADR No. 251]

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


Wright DW, Pitts SR, Ratcliff JJ, Patel MM. Perception of Stroke Acuity in US Emergency Departments. Acad Emerg Med 2003 May;10(5):492

LaValley JM, Crandall CS, Braude D. Nausea and Vomiting Management in US Emergency Departments. Acad Emerg Med 2003 May;10(5):461


Oster, A, Bindman AB. Emergency department visits for ambulatory sensitive conditions: Insights into preventable hospitalizations. Med Care 2003; 41:198-207. (Also see commentary by Kellerman AL, Haley L, Jr. Hospital emergency departments: where the doctor is always Ain®. Med Care 2003; 41:195-197.)


5a. DIAGNOSTIC, SCREENING, and PREVENTIVE SERVICES, NONMEDICATION THERAPY - JOURNAL ARTICLES USING NHAMCS DATA


6. PROVIDERS SEEN - JOURNAL ARTICLES USING NHAMCS DATA


Mills AC, McSweeney M. Nurse practitioners and physician assistants revisited: Do their practice patterns differ in ambulatory care? *J Prof Nurs* 2002 Jan-Feb;18(1):36-46


7a. MEDICATION THERAPY - NCHS REPORTS

Medication therapy in ambulatory medical care: National Ambulatory Medical Care Survey and National Hospital Ambulatory Medical Care Survey, 1992 [ADR No. 290]

7b. MEDICATION THERAPY - JOURNAL ARTICLES USING NHAMCS DATA


Daumit GL, Crum RM, Guallar E, Powe NR, Primm AB, Steinwachs DM, Ford DE. Outpatient prescriptions for atypical antipsychotics for african americans, hispanics, and whites in the United States. *Arch Gen Psychiatry* 2003 Feb;60(2):121-8
Rovi S, Shimoni N. Prophylaxis provided to sexual assault victims seen at US emergency departments. J Am Med Womens Assoc 2002 Fall;57(4):204-7


Aparasu RR, Helgeland DL. Utilization of ambulatory care services caused by adverse effects of medications in the United States. Managed Care Interface April 2000, 70-74.


8a. OTHER CHARACTERISTICS OF HOSPITAL OUTPATIENT AND EMERGENCY DEPARTMENT VISITS – NCHS REPORTS

Use of computerized clinical support systems in medical settings: United States, 2001-03 [ADR No. 353]

8b. OTHER CHARACTERISTICS OF HOSPITAL OUTPATIENT AND EMERGENCY DEPARTMENT VISITS - JOURNAL ARTICLES USING NHAMCS DATA


9a. METHODOLOGY - NCHS REPORTS

Plan and Operation of the National Hospital Ambulatory Medical Care Survey [Series 1, No. 34]

9b. METHODOLOGY - OTHER PUBLICATIONS USING NHAMCS DATA


