

ATTACHMENT C:

List of Publications

Hyperlink to Publications list: https://www.cdc.gov/nchs/data/ahcd/namcs_nhamcs_publication_list.pdf

1a. NHAMCS SUMMARY REPORTS

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

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

Emergency Department Visits for Chest Pain and Abdominal Pain: United States, 1999-2008 [Data Brief No. 43]

National Hospital Ambulatory Medical Care Survey: 2007 emergency department summary [NHSR No. 26]

1a. SUMMARY REPORTS – JOURNAL ARTICLES USING NHAMCS DATA

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-.

Mohareb AM, Dugas AF, Hsieh YH. Changing epidemiology and management of infectious diseases in US EDs. Am J Emerg Med. 2016 Mar 11. pii: S0735-6757(16)00206-0. doi: 10.1016/j.ajem.2016.03.024. [Epub ahead of print]

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(24):1822-1827. doi: 10.1001/2013.jamainternmed.1022. [Epub ahead of print]

72

Owens PL, Barrett ML, Gibson TB, Andrews RM, Weinick RM, Mutter RL. Emergency Department Care in the United States: A Profile of National Data Sources. Ann Emerg Med. 2010 Jan 12. [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

Tang N, Stein J, Hsia RY, Maselli JH, Gonzales R. Trends and characteristics of US emergency department visits, 1997-2007. JAMA. 2010 Aug 11;304(6):664-70.

2a. PATIENT CHARACTERISTICS - NCHS REPORTS

Albert M, McCaig L, Ashman J. Emergency Department Visits by Persons Aged 65 and Over: United States, 2009–2010. [Data Brief, No. 130]

Blood Pressure Measurements at Emergency Department Visits by Adults: United States, 2007–2008 [Data Brief No. 72]

Emergency Department Visitors and Visits: Who Used the Emergency Room in 2007? [Data Brief, No. 38]

Health Care Utilization Among Adults Aged 55–64 Years: How Has It Changed Over the Past 10 Years? [Data Brief No. 32]

2b. PATIENT CHARACTERISTICS - JOURNAL ARTICLES USING NHAMCS DATA

Pediatric Patients

Chamberlain JM, Teach SJ, Hayes KL, Badolato G, Goyal MK. Practice Pattern Variation in the Care of Children With Acute Asthma. Acad Emerg Med. 2016 Jan 14. doi: 10.1111/acem.12857. [Epub ahead of print]

Pruitt Z, Pruitt RC. Children Covered by Medicaid/State Children's Health Insurance Program More Likely to Use Emergency Departments for Food Allergies. Pediatr Emerg Care. 2016 Jul 12. [Epub ahead of print]

Yackey KJ, Rominger AH. Are We Adequately Treating Pain in Children Who Present to US Emergency Departments?: Factors That Contribute to Pain Treatment in Pediatric Patients. Pediatr Emerg Care. 2016 Jun 1. [Epub ahead of print]

Shah S, Bourgeois F, Mannix R, Nelson K, Bachur R, Neuman MI. Emergency Department Management of Febrile Respiratory Illness in Children. *Pediatr Emerg Care*. 2016 Apr 26. [Epub ahead of print]

Chamberlain JM, Teach SJ, Hayes KL, Badolato G, Goyal MK. Practice Pattern Variation in the Care of Children With Acute Asthma. *Acad Emerg Med*. 2016 Jan 14. doi: 10.1111/acem.12857. [Epub ahead of print]

Fahimi J, Aurrecochea A, Anderson E, Herring A, Alter H. Substance Abuse and Mental Health Visits Among Adolescents Presenting to US Emergency Departments. *Pediatr Emerg Care*. 2015 Apr 14. [Epub ahead of print]

Rasooly IR, Mullins PM, Alpern ER, Pines JM. US Emergency Department Use by Children, 2001-2010. *Pediatr Emerg Care*. 2014 Sep;30(9):602-7. doi: 10.1097/PEC.0000000000000204.

Lee HC, Bardach NS, Maselli JH, Gonzales R. Emergency department visits in the neonatal period in the United States. *Pediatr Emerg Care*. 2014 May;30(5):315-8. doi: 10.1097/PEC.0000000000000120.

Pittsenbarger ZE, Mannix R. Trends in pediatric visits to the emergency department for psychiatric illnesses. *Acad Emerg Med*. 2014 Jan;21(1):25-30. doi: 10.1111/acem.12282. Epub 2013 Dec 6.

Horeczko T, Green JP. Emergency department presentation of the pediatric systemic inflammatory response syndrome. *Pediatr Emerg Care*. 2013 Nov;29(11):1153-8. doi: 10.1097/PEC.0b013e3182a9e629.

Srinivasan S, Mannix R, Lee LK. Epidemiology of paediatric firearm injuries in the USA, 2001-2010. *Arch Dis Child*. 2013 Dec 13. doi: 10.1136/archdischild-2013-304642. [Epub ahead of print]

Kedia S, Ginde AA, Grubenhoff JA, Kempe A, Hershey AD, Powers SW. Monthly variation of United States pediatric headache emergency department visits. *Cephalalgia*. 2013 Dec 11. [Epub ahead of print]

Sheridan DC, Meckler GD, Spiro DM, Koch TK, Hansen ML. Diagnostic Testing and Treatment of Pediatric Headache in the Emergency Department. *J Pediatr*. 2013 Aug 20. doi:pii: S0022-3476(13)00860-3. 10.1016/j.jpeds.2013.07.006. [Epub ahead of print]

Goyal M, Hersh A, Luan X, Localio R, Trent M, Zaoutis T. National Trends in Pelvic Inflammatory Disease Among Adolescents in the Emergency Department. *J Adolesc Health*. 2013 May 19. doi:pii: S1054-139X(13)00191-2. 10.1016/j.jadohealth.2013.03.016. [Epub ahead of print]

Simon AE, Lukacs SL, Mendola P. National Trends in Emergency Department Use of Urinalysis, Complete Blood Count, and Blood Culture for Fever Without a Source Among Children Aged 2 to 24 Months in the Pneumococcal Conjugate Vaccine 7 Era. *Pediatr Emerg Care*. 2013 Apr 18. [Epub ahead of print]

Neuman MI, Shah SS, Shapiro DJ, Hersh AL. Emergency department management of childhood pneumonia in the United States prior to publication of national guidelines. *Acad Emerg Med*. 2013 Mar;20(3):240-6. doi: 10.1111/acem.12088.

Cho CS, Shapiro DJ, Cabana MD, Maselli JH, Hersh AL. A National Depiction of Children With Return Visits to the Emergency Department Within 72 Hours, 2001-2007. *Pediatr Emerg Care*. 2012 Jun 28. [Epub ahead of print]

Fortuna RJ, Halterman JS, Pulcino T, Robbins BW. Delayed Transition of Care: A National Study of Visits to Pediatricians by Young Adults. *Acad Pediatr*. 12(5):405-411. Sep-Oct 2012. 2012 Jun 17. [Epub ahead of print]

Monuteaux MC, Lee L, Fleegler E. Children injured by violence in the United States: emergency department utilization, 2000-2008. *Acad Emerg Med*. 2012 May;19(5):535-40. doi: 10.1111/j.1553-2712.2012.01341.x.

Case SD, Case BG, Olfson M, Linakis JG, Laska EM. Length of stay of pediatric mental health emergency department visits in the United States. *J Am Acad Child Adolesc Psychiatry*. 2011 Nov;50(11):1110-9. Epub 2011

Richards ME, Hubble MW, Zwehl-Burke S. "Inappropriate" pediatric emergency medical services utilization redefined. *Pediatr Emerg Care*. 2011 Jun;27(6):514-8.

Paul IM, Maselli JH, Hersh AL, Boushey HA, Nielson DW, Cabana MD. Antibiotic Prescribing During Pediatric Ambulatory Care Visits for Asthma. *Pediatrics*. 127(6):1014-1021. Jun 2011. 2011 May 23. [Epub ahead of print]

Bekmezian A, Chung PJ, Cabana MD, Maselli JH, Hilton JF, Hersh AL. Factors Associated With Prolonged Emergency Department Length of Stay for Admitted Children. *Pediatr Emerg Care*. 2011 Jan 18. [Epub ahead of print]

Shapiro DJ, Gonzales R, Cabana MD, Hersh AL. National trends in visit rates and antibiotic prescribing for children with acute sinusitis. *Pediatrics*. 2011 Jan;127(1):28-34. Epub 2010 Dec 27.

Patel AI, Madsen KA, Maselli JH, Cabana MD, Stafford RS, Hersh AL. Underdiagnosis of Pediatric Obesity during Outpatient Preventive Care Visits. *Acad Pediatr*. 2010 November - December;10(6):405-409.

Hambrook JT, Kimball TR, Khoury P, Cnota J. Disparities exist in the emergency department evaluation of pediatric chest pain. *Congenit Heart Dis*. 2010 May-Jun;5(3):285-91.

Fortuna RJ, Robbins BW, Mani N, Halterman JS. Dependence on Emergency Care among Young Adults in the United States. *J Gen Intern Med*. 25(7):663-669. Jul 2010. 2010 Mar 20. [Epub ahead of print]

Branum AM, Lukacs SL. Food Allergy Among Children in the United States. *Pediatrics*. 124(6):1549-1555. Nov 2009. 2009 Nov 16. [Epub ahead of print]

Stevens J, Harman J, Pakalnis A, Lo W, Prescod J. Sociodemographic Differences in Diagnosis and Treatment of Pediatric Headache. *J Child Neurol*. 2009 Oct 6. [Epub ahead of print]

Linakis JG, Chun TH, Mello MJ, Baird J. Alcohol-related visits to the emergency department by injured adolescents: a national perspective. *J Adolesc Health*. 2009 Jul;45(1):84-90. Epub 2009 Feb 28.

Pont SJ, Grijalva CG, Griffin MR, Scott TA, Cooper WO. National Rates of Diarrhea-Associated Ambulatory Visits in Children. *J Pediatr*. 2009 Apr 23. [Epub ahead of print]

Shah MN, Cushman JT, Davis CO, Bazarian JJ, Auinger P, Friedman B. The epidemiology of emergency medical services use by children: an analysis of the national hospital ambulatory medical care survey. *Prehosp Emerg Care*. 2008 Jul-Sep;12(3):269-76.

Bourgeois FT, Shannon MW, Stack AM. "Left Without Being Seen": A National Profile of Children Who Leave the Emergency Department Before Evaluation. *Ann Emerg Med*. 2008 Apr 30. [Epub ahead of print]

Bourgeois FT, Shannon MW. Emergency care for children in pediatric and general emergency departments. *Pediatr Emerg Care*. 2007 Feb;23(2):94-102.

Rand CM, Shone LP, Albertin C, Auinger P, Klein JD, Szilagyi PG. National health care visit patterns of adolescents: implications for delivery of new adolescent vaccines. *Arch Pediatr Adolesc Med*. 2007 Mar;161(3):252-9.

Grupp-Phelan J, Harman JS, Kelleher KJ. Trends in mental health and chronic condition visits by children presenting for care at U.S. emergency departments. *Public Health Rep*. 2007 Jan-Feb;122(1):55-61.

Capp R, West DR, Doran K, Sauaia A, Wiler J, Coolman T, Ginde AA. Characteristics of Medicaid-Covered Emergency Department Visits Made by Nonelderly Adults: A National Study. *J Emerg Med*. 2015 Oct 5. pii: S0736-4679(15)00818-5. doi: 10.1016/j.jemermed.2015.07.043. [Epub ahead of print]

Bhattacharyya N, Kepnes LJ. Patterns of Care Before and After the Adult Sinusitis Clinical Practice Guideline. *Laryngoscope*. 2013 Feb 16. doi: 10.1002/lary.23980. [Epub ahead of print]

Reeves WC, Strine TW, Pratt LA, Thompson W, Ahluwalia I, Dhingra SS, McKnight-Eily LR, Harrison L, D'Angelo DV, Williams L, Morrow B, Gould D, Safran MA; Public Health Surveillance Program Office. Mental illness surveillance among adults in the United States. *MMWR Surveill Summ*. 2011 Sep 2;60 Suppl 3:1-32.

Hampton H. Experts Predict Visits by Baby Boomers Will Soon Strain Emergency Departments. *JAMA*. 2008;299(22):2613-2614 (doi:10.1001/jama.299.22.2613)

Elderly Patients

Evans CS, Hunld KM, Rosen T, Platts-Mills TF. Diagnosis of Elder Abuse in U.S. Emergency Departments. *J Am Geriatr Soc*. 2016 Oct 18. doi: 10.1111/jgs.14480.

Albrecht JS, Hirshon JM, McCunn M, Bechtold KT, Rao V, Simoni-Wastila L, Smith GS. Increased Rates of Mild Traumatic Brain Injury Among Older Adults in US Emergency Departments, 2009-2010. *J Head Trauma Rehabil*. 2015 Oct 16. [Epub ahead of print]

Marra EM, Mazer-Amirshahi M, Brooks G, van den Anker J, May L, Pines JM. Benzodiazepine Prescribing in Older Adults in U.S. Ambulatory Clinics and Emergency Departments (2001-10). *J Am Geriatr Soc*. 2015 Oct;63(10):2074-81. doi: 10.1111/jgs.13666. Epub 2015 Sep 29.

Hsiao CJ, Hing E. Emergency department visits and resulting hospitalizations by elderly nursing home residents, 2001-2008. *Res Aging*. 2014 Mar;36(2):207-27. doi: 10.1177/0164027512473488. Epub 2013 Jan 23.

Vogel JA, Ginde AA, Lowenstein SR, Betz ME. Emergency department visits by older adults for motor vehicle collisions. *West J Emerg Med*. 2013 Nov;14(6):576-81. doi: 10.5811/westjem.2013.2.12230.

Hsiao CJ, Hing E. Emergency department visits and resulting hospitalizations by elderly nursing home residents, 2001-2008. *Research on Aging*. 35(1) 2013. Published online 23 Jan 2013. DOI: 10.1177/0164027512473488. <http://roa.sagepub.com/content/early/2013/01/22/0164027512473488>

Pines JM, Mullins PM, Cooper JK, Feng LB, Roth KE. National trends in emergency department use, care patterns, and quality of care of older adults in the United States. *J Am Geriatr Soc*. 2013 Jan;61(1):12-7. doi: 10.1111/jgs.12072.

Platts-Mills TF, Hunold KM, Esserman DA, Sloane PD, McLean SA. Motor Vehicle Collision-related Emergency Department Visits by Older Adults in the United States. *Acad Emerg Med*. 2012 Jun 22. doi: 10.1111/j.1553-2712.2012.01383.x. [Epub ahead of print]

Platts-Mills TF, Esserman DA, Brown DL, Bortsov AV, Sloane PD, McLean SA. Older US Emergency Department Patients Are Less Likely to Receive Pain Medication Than Younger Patients: Results From a National Survey. *Ann Emerg Med*. 2011 Oct 25. [Epub ahead of print]

Bhattacharya R, Chatterjee S, Carnahan RM, Aparasu RR. Prevalence and Predictors of Anticholinergic Agents in Elderly Outpatients with Dementia. *Am J Geriatr Pharmacother*. 9(6):434-441. Dec 2011. 2011 Oct 25. [Epub ahead of print]

William J. Meurer, Tommy A. Potti, Kevin A. Kerber, Comilla Sasson, Michelle L. Macy, Brady T. West, Eve D. Losman. Potentially Inappropriate Medication Utilization in the Emergency Department Visits by Older Adults: Analysis From a Nationally Representative Sample (p 231-237) Published Online: Mar 1 2010 11:59AM

Roberts DC, McKay MP, Shaffer A. Increasing Rates of Emergency Department Visits for Elderly Patients in the United States, 1993 to 2003. *Ann Emerg Med*. 2008;51:769-774.

Shah MN, Bazarian JJ, Lerner EB, Fairbanks RJ, Barker WH, Auinger P, Friedman B. The Epidemiology of Emergency Medical Services Use by Older Adults: An Analysis of the National Hospital Ambulatory Medical Care Survey. *Acad Emerg Med* 2007 May;14(5): 441-447.

Gender

Rost K, Hsieh YP, Xu S, Harman J. Gender Differences in Hospitalization After Emergency Room Visits for Depressive Symptoms. *J Womens Health (Larchmt)*. 2011 Mar 21. [Epub ahead of print]

Burris HH, Werler MM. U.S. Provider Reported Folic Acid or Multivitamin Ordering for Non-Pregnant Women of Childbearing Age: NAMCS and NHAMCS, 2005-2006. *Matern Child Health J*. 2010 Mar 5. [Epub ahead of print]

Keyhani S, Scobie JV, Hebert PL, McLaughlin MA. Gender disparities in blood pressure control and cardiovascular care in a national sample of ambulatory care visits. *Hypertension*. 2008 Apr;51(4):1149-55. Epub 2008 Feb 7

Race/Ethnicity

Qiao WP, Powell ES, Witte MP, Zelder MR. Relationship between racial disparities in ED wait times and illness severity. *Am J Emerg Med*. 2015 Sep 7. pii: S0735-6757(15)00744-5. doi: 10.1016/j.ajem.2015.08.052. [Epub ahead of print]

Goyal MK, Kuppermann N, Cleary SD, Teach SJ, Chamberlain JM. Racial Disparities in Pain Management of Children With Appendicitis in Emergency Departments. *JAMA Pediatr*. 2015 Sep 14. doi: 10.1001/jamapediatrics.2015.1915. [Epub ahead of print]

Abokwidir M, Davis SA, Fleischer AB, Pichardo-Geisinger RO. Use of the Emergency Department for Dermatologic Care in the United States by Ethnic Group. *J Dermatolog Treat*. 2014 Nov 26:1-14. [Epub ahead of print]

Johnson TJ, Weaver MD, Borrero S, Davis EM, Myaskovsky L, Zuckerbraun NS, Kraemer KL. Association of race and ethnicity with management of abdominal pain in the emergency department. *Pediatrics*. 2013 Oct;132(4):e851-8. doi: 10.1542/peds.2012-3127. Epub 2013 Sep 23.

Okunseri C, Okunseri E, Chilmaza CA, Harunani S, Xiang Q, Szabo A. Racial and ethnic variations in waiting times for emergency department visits related to nontraumatic dental conditions in the United States. *J Am Dent Assoc*. 2013 Jul;144(7):828-36.

Haywood C Jr, Tanabe P, Naik R, Beach MC, Lanzkron S. The impact of race and disease on sickle cell patient wait times in the emergency department. *Am J Emerg Med*. 2013 Feb 1. doi:pii: S0735-6757(12)00568-2. 10.1016/j.ajem.2012.11.005. [Epub ahead of print]

Johnson PJ, Ghildayal N, Ward AC, Westgard BC, Boland LL, Hokanson JS. Disparities in Potentially Avoidable Emergency Department (ED) Care: ED Visits for Ambulatory Care Sensitive Conditions. *Med Care*. 2012 Sep 29. [Epub ahead of print]

Soler ZM, Mace JC, Litvack JR, Smith TL. Chronic rhinosinusitis, race, and ethnicity. *Am J Rhinol Allergy*. 2012 Mar;26(2):110-6.

Sonnenfeld N, Pitts SR, Schappert SM, Decker SL. Emergency Department Volume and Racial and Ethnic Differences in Waiting Times in the United States. *Med Care*. 2012 Jan 19. [Epub ahead of print]

Johnston V, Bao Y. Race/Ethnicity-Related and Payer-Related Disparities in the Timeliness of Emergency Care in U.S. Emergency Departments. *Journal of Health Care for the Poor and Underserved* 22 (2011): 606–620.

Karve SJ, Balkrishnan R, Mohammad YM, Levine DA. Racial/Ethnic Disparities in Emergency Department Waiting Time for Stroke Patients in the United States. *J Stroke Cerebrovasc Dis*. 2010 Jun 8. [Epub ahead of print]

Pines JM, Russell Localio A, Hollander JE. Racial Disparities in Emergency Department Length of Stay for Admitted Patients in the United States. *Acad Emerg Med*. 2009 Feb 24. [Epub ahead of print]

Shafi S, Gentilello LM. Ethnic disparities in initial management of trauma patients in a nationwide sample of emergency department visits. *Arch Surg*. 2008 Nov;143(11):1057-61.

Sonnenfeld N, Schappert SM, Lin SX. Racial and Ethnic Differences in Delivery of Tobacco-Cessation Services. *Am J Prev Med*. 2008 Oct 30. [Epub ahead of print]

Ginde AA, Espinola JA, Camargo CA Jr. Improved overall trends but persistent racial disparities in emergency department visits for acute asthma, 1993-2005. *J Allergy Clin Immunol*. 2008 Jun 4. [Epub ahead of print]

Homeless Patients

Tadros A, Layman SM, Brewer MP, Davis SM. A 5-year comparison of ED visits by homeless and nonhomeless patients. *Am J Emerg Med*. 2016 Jan 11. pii: S0735-6757(16)00022-X. doi: 10.1016/j.ajem.2016.01.012. [Epub ahead of print]

Hammig B, Jozkowski K, Jones C. Injury-related Visits and Comorbid Conditions Among Homeless Persons Presenting to Emergency Departments. *Acad Emerg Med*. 2014 Apr;21(4):449-455. doi: 10.1111/acem.12343.

Brown RT, Steinman MA. Characteristics of Emergency Department Visits by Older Versus Younger Homeless Adults in the United States. *Am J Public Health*. 2013 Apr 18. [Epub ahead of print]

Ku BS, Scott KC, Kertesz SG, Pitts SR. Factors associated with use of urban emergency departments by the U.S. homeless population. *Public Health Rep*. 2010 May-Jun;125(3):398-405.

Oates G, Tadros A, Davis SM. A comparison of National Emergency Department use by homeless versus non-homeless people in the United States. *J Health Care Poor Underserved*. 2009 Aug;20(3):840-5.

Patients with Diabetes

Peek ME, Tang H, Alexander GC, Chin MH. National Prevalence of Lifestyle Counseling or Referral Among African-Americans and Whites with Diabetes. *J Gen Intern Med*. 2008 Aug 6. [Epub ahead of print]

Aparasu RR, Aparasu A. Hypertension management in outpatient visits by diabetic patients. *Res Social Adm Pharm*. 2008 Sep;4(3):284-91. Epub 2008 Aug 8.

Patients with Other Conditions

Singer AJ, Thode HC Jr, Peacock WF 4th. Admission rates for emergency department patients with venous thromboembolism and estimation of the proportion of low risk pulmonary embolism patients: a US perspective. *Clin Exp Emerg Med.* 2016 Sep 30;3(3):126-131.

Tan EC, Bell JS, Lu CY, Toh S. National Trends in Outpatient Antihypertensive Prescribing in People with Dementia in the United States. *J Alzheimers Dis.* 2016 Sep 2. [Epub ahead of print]

Bergamo C, Juarez-Colunga E, Capp R. Association of mental health disorders and Medicaid with ED admissions for ambulatory care-sensitive condition conditions. *Am J Emerg Med.* 2016 Jan 21. pii: S0735-6757(16)00033-4. doi: 10.1016/j.ajem.2016.01.023. [Epub ahead of print]

Moore HN, Mao L, Oramasionwu CU. Factors associated with polypharmacy and the prescription of multiple medications among persons living with HIV (PLWH) compared to non-PLWH. *AIDS Care.* 2015 Nov 26:1-6. [Epub ahead of print] (NHAMCS)

Ho CK, Maselli JH, Terrault NA, Gonzales R. High Rate of Hospital Admissions Among Patients with Cirrhosis Seeking Care in US Emergency Departments. *Dig Dis Sci.* 2015 Feb 28. [Epub ahead of print]

Galbraith JW, Donnelly JP, Franco R, Overton T, Rodgers JB, Wang HE. National Estimates of Healthcare Utilization by Individuals with Hepatitis C Virus Infection in the United States. *Clin Infect Dis.* 2014 Jun 9. pii: ciu427. [Epub ahead of print]

Singer AJ, Skopicki H, Thode HC Jr, Peacock WF. Hemodynamic profiles of ED patients with acute decompensated heart failure and their association with treatment. *Am J Emerg Med.* 2013 Dec 7. pii: S0735-6757(13)00841-3. doi: 10.1016/j.ajem.2013.12.005. [Epub ahead of print]

Johnson TL, Toliver JC, Mao L, Oramasionwu CU. Differences in outpatient care and treatment utilization for patients with HIV/HCV coinfection, HIV, and HCV mono-infection, a cross-sectional study. *BMC Infect Dis.* 2014 Apr 23;14:217. doi: 10.1186/1471-2334-14-217.

Mohareb A, Rothman R, Hsieh YH. Emergency department (ED) utilization by HIV-infected ED patients in the United States in 2009 and 2010 - a national estimation. *HIV Med.* 2013 Jun 17. doi: 10.1111/hiv.12052. [Epub ahead of print]

Shih TY, Chen KF, Rothman R, Hsieh YH. US national estimation of emergency department utilization by patients given 'HIV/AIDS-related illness' as their primary diagnosis. *HIV Med.* 2010 Nov 8. doi: 10.1111/j.1468-1293.2010.00888.x. [Epub ahead of print]

Cheung R, Mannalithara A, Singh G. Utilization and Antiviral Therapy in Patients with Chronic Hepatitis C: Analysis of Ambulatory Care Visits in the US. *Dig Dis Sci.* 2010 Feb 26. [Epub ahead of print]

Salen PN, Arcona S., Luo RD, Belletti D, Tran D. How Do Prescription Patterns of Psychopharmacological Therapy for Schizophrenic Patients in the Emergency Department Affect Health Care Utilization? *Acad. Emerg. Med.* 2002 9: 391

Patient Insurance

Bergamo C, Juarez-Colunga E, Capp R. Association of mental health disorders and Medicaid with ED admissions for ambulatory care-sensitive condition conditions. *Am J Emerg Med.* 2016 Jan 21. pii: S0735-6757(16)00033-4. doi: 10.1016/j.ajem.2016.01.023. [Epub ahead of print]

Capp R, West DR, Doran K, Sauaia A, Wiler J, Coolman T, Ginde AA. Characteristics of Medicaid-Covered Emergency Department Visits Made by Nonelderly Adults: A National Study. *J Emerg Med.* 2015 Oct 5. pii: S0736-4679(15)00818-5. doi: 10.1016/j.jemermed.2015.07.043. [Epub ahead of print]

Carlson JN, Menegazzi JJ, Callaway CW. Magnitude of national ED visits and resource utilization by the uninsured. *Am J Emerg Med.* 2013 Jan 30. doi:pii: S0735-6757(13)00007-7. 10.1016/j.ajem.2013.01.001. [Epub ahead of print]

Mannix R, Stack AM, Chiang V. Insurance Status and the Care of Adult Patients 19 to 64 Years of Age Visiting the Emergency Department. *Acad Emerg Med.* 2012 Jun 22. doi: 10.1111/j.1553-2712.2012.01394.x. [Epub ahead of print]

Mannix R, Chiang V, Stack AM. Insurance Status and the Care of Children in the Emergency Department. *J Pediatr.* 2012 May 11. [Epub ahead of print]

Moser JW, Applegate KE. Imaging and insurance: do the uninsured get less imaging in emergency departments?

J Am Coll Radiol. 2012 Jan;9(1):50-7.

Adekoya N. Reasons for visits to emergency departments for Medicaid and State Children's Health Insurance Program patients: United States, 2004. N C Med J. 2010 Mar-Apr;71(2):123-30.

Newton MF et al. Uninsured Adults Presenting to US Emergency Departments: Assumptions vs Data. JAMA. 2008;300(16):1914-1924.

Adekoya N. Medicaid/State Children's Health Insurance Program Patients and Infectious Diseases Treated in Emergency Departments: U.S., 2003. 122(4): July/August 2007. 513-520.

Other Patient Characteristics

Moe J, Belsky JB. Comparing patients who leave the ED prematurely, before vs after medical evaluation: a National Hospital Ambulatory Medical Care Survey analysis. Am J Emerg Med. 2016 Jan 26. pii: S0735-6757(16)00025-5. doi: 10.1016/j.ajem.2016.01.015. [Epub ahead of print]

Burke RE, Rooks SP, Levy C, Schwartz R, Ginde AA. Identifying Potentially Preventable Emergency Department Visits by Nursing Home Residents in the United States. J Am Med Dir Assoc. 2015 Feb 18. pii: S1525-8610(15)00077-8. doi: 10.1016/j.jamda.2015.01.076. [Epub ahead of print]

O'Keefe T, Rhee P, Shafi S, Friese RS, Gentilello LM. Alcohol use increases diagnostic testing, procedures, charges, and the risk of hospital admission: a population-based study of injured patients in the emergency department. Am J Surg. 2013 Apr 2. pii: S0002-9610(13)00136-0. doi: 10.1016/j.amjsurg.2012.08.014. [Epub ahead of print]

Primack BA, Roberts T, Fine MJ, Dillman Carpentier FR, Rice KR, Barnato AE. ER vs. ED: A Comparison of Televised and Real-life Emergency Medicine. J Emerg Med. 2012 Jul 4. [Epub ahead of print]

Caterino JM, Ting SA, Sisbarro SG, Espinola JA, Camargo CA Jr. Age, Nursing Home Residence, and Presentation of Urinary Tract Infection in U.S. Emergency Departments, 2001-2008. Acad Emerg Med. 2012 Oct;19(10):1173-1180. doi: 10.1111/j.1553-2712.2012.01452.x.

Wang HE, Shah MN, Allman RM, Kilgore M. Emergency department visits by nursing home residents in the United States. J Am Geriatr Soc. 2011 Oct;59(10):1864-72. doi: 10.1111/j.1532-5415.2011.03587.x. Epub 2011 Oct 12.

White D, Kaplan L, Eddy L. Characteristics of patients who return to the emergency department within 72 hours in one community hospital. Adv Emerg Nurs J. 2011 Oct;33(4):344-53.

Squire BT, Tamayo A, Tamayo-Sarver JH. At-Risk Populations and the Critically Ill Rely Disproportionately on Ambulance Transport to Emergency Departments. Ann Emerg Med. 2010 Jun 14. [Epub ahead of print]

3a. REASON FOR VISIT, DIAGNOSIS - NCHS REPORTS

Emergency Department Visits Related to Schizophrenia Among Adults Aged 18–64: United States, 2009–2011 [Data Brief No. 215]

Emergency Department Visits for Drug Poisoning: United States, 2008–2011 [Data Brief No. 196]

Emergency Department Visits for Chest Pain and Abdominal Pain: United States, 1999-2008 [Data Brief No. 43]

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

Smith A, Ray M, Jain N, Zhang H, Sebelik M. The burden of angioedema on United States emergency departments: 2006-2010. Laryngoscope. 2016 Nov 15. doi: 10.1002/lary.26336. [Epub ahead of print]

Ayangbayeri T, Okunade A, Karakus M, Nianogo T. Characteristics of Hospital Emergency Room Visits for Mental and Substance Use Disorders. Psychiatr Serv. 2016 Dec 15;appips201600125. [Epub ahead of print]

Mu L, Mukamal KJ. Treatment Intensification for Hypertension in US Ambulatory Medical Care. J Am Heart Assoc. 2016 Oct 22;5(10). pii: e004188.

Korley FK, Kelen GD, Jones CM, Diaz-Arrastia R. Emergency Department Evaluation of Traumatic Brain Injury in the United States, 2009-2010. J Head Trauma Rehabil. 2016 Nov/Dec;31(6):379-387.

Dark T, Flynn HA, Rust G, Kinsell H, Harman JS. Epidemiology of Emergency Department Visits for Anxiety in the United States: 2009-2011. *Psychiatr Serv*. 2016 Oct 17;appips201600148.

Namen AM, Chatterjee A, Huang KE, Feldman SR, Haponik EF. Recognition of Sleep Apnea Is Increasing: An Analysis of Trends in Two Large, Representative Databases of Outpatient Practice. *Ann Am Thorac Soc*. 2016 Sep 1.[Epub ahead of print]

Ware CE, Ajabnoor Y, Mullins PM, Mazer-Amirshahi M, Pines JM, May L. A retrospective cross-sectional study of patients treated in US EDs and ambulatory care clinics with sexually transmitted infections from 2001 to 2010. *Am J Emerg Med*. 2016 Jun 13. pii: S0735-6757(16)30254-6. doi: 10.1016/j.ajem.2016.06.039. [Epub ahead of print]

Mazer-Amirshahi M, Sun C, Mullins P, Perrone J, Nelson L, Pines JM. Trends in Emergency Department Resource Utilization for Poisoning-Related Visits, 2003-2011. *J Med Toxicol*. 2016 Jun 24. [Epub ahead of print]

Zhao Y, Shi Q, Wang Y, Fonseca V, Shi L. Economic burden of hypoglycemia: utilization of emergency department and outpatient services in the United States (2005-2009). *J Med Econ*. 2016 Apr 13:1-22. [Epub ahead of print]

Tenan MS. Quantifying Emergency Department Visits From Sport and Recreation: Focus on the Lower Extremity and Knee, 1997-2009. *J Athl Train*. 2016 Apr 13. [Epub ahead of print]

Gilani S, Quan SF, Pynnonen MA, Shin JJ. Obstructive Sleep Apnea and Gastroesophageal Reflux: A Multivariate Population-Level Analysis. *Otolaryngol Head Neck Surg*. 2015 Dec 8. pii: 0194599815621557. [Epub ahead of print]

Roditi RE, Veling M, Shin JJ. Age: An effect modifier of the association between allergic rhinitis and Otitis media with effusion. *Laryngoscope*. 2015 Sep 30. doi: 10.1002/lary.25682. [Epub ahead of print]

Scales CD Jr, Bergman J, Carter S, Jack G, Saigal CS, Litwin MS; NIDDK Urologic Diseases in America Project. Quality of Acute Care for Patients with Urinary Stones in the United States. *Urology*. 2015 Aug 31. pii: S0090-4295(15)00806-7. doi: 10.1016/j.urology.2015.07.040. [Epub ahead of print]

Korley FK, Kelen GD, Jones CM, Diaz-Arrastia R. Emergency Department Evaluation of Traumatic Brain Injury in the United States, 2009-2010. *J Head Trauma Rehabil*. 2015 Sep 10. [Epub ahead of print]

Farhangian ME, McMichael AJ, Huang KE, Feldman SR. Treatment of Alopecia Areata in the United States: A Retrospective Cross-Sectional Study. *J Drugs Dermatol*. 2015 Sep 1;14(9):1012-4.

Bergmark RW, Ishman SL, Scangas GA, Cunningham MJ, Sedaghat AR. Socioeconomic determinants of overnight and weekend emergency department use for acute rhinosinusitis. *Laryngoscope*. 2015 May 27. doi: 10.1002/lary.25390. [Epub ahead of print]

Taylor CA, Greenspan AI, Xu L, Kresnow MJ. Comparability of national estimates for traumatic brain injury-related medical encounters. *J Head Trauma Rehabil*. 2015 May-Jun;30(3):150-9. doi: 10.1097/HTR.000000000000105.

Probst MA, Kanzaria HK, Gbedemah M, Richardson LD, Sun BC. National trends in resource utilization associated with ED visits for syncope. *Am J Emerg Med*. 2015 Apr 24. pii: S0735-6757(15)00297-1. doi: 10.1016/j.ajem.2015.04.030. [Epub ahead of print]

Pearson WS, Gift TL, Leichter JS, Jenkins WD. Differences in Treatment of Chlamydia trachomatis by Ambulatory Care Setting. *J Community Health*. 2015 May 5. [Epub ahead of print]

Lewis CW, McKinney CM, Lee HH, Melbye ML, Rue TC. Visits to US emergency departments by 20- to 29-year-olds with toothache during 2001-2010. *J Am Dent Assoc*. 2015 May;146(5):295-302.e2. doi: 10.1016/j.adaj.2015.01.013.

Asao K, McEwen LN, Lee JM, Herman WH. Ascertainment of outpatient visits by patients with diabetes: The National Ambulatory Medical Care Survey (NAMCS) and the National Hospital Ambulatory Medical Care Survey (NHAMCS). *J Diabetes Complications*. 2015 Apr 7. pii: S1056-8727(15)00115-4. doi: 10.1016/j.jdiacomp.2015.03.019. [Epub ahead of print]

Schissler AJ, Rozenshtein A, Schluger NW, Einstein AJ. National trends in emergency room diagnosis of pulmonary embolism, 2001-2010: a cross-sectional study. *Respir Res*. 2015 Mar 24;16(1):44. doi: 10.1186/s12931-015-0203-9.

Prusakowski MK, Kuehl DR. Trends in emergency department management of skin abscesses. *Am J Infect Control*. 2015 Feb 25. pii: S0196-6553(15)00030-9. doi: 10.1016/j.ajic.2015.01.012. [Epub ahead of print]

Wen LS, Espinola JA, Mosowsky JM, Camargo CA Jr. Do emergency department patients receive a pathological diagnosis? A nationally-representative sample. *West J Emerg Med.* 2015 Jan;16(1):50-4. doi: 10.5811/westjem.2014.12.23474. Epub 2015 Jan 7.

Mafi JN, Edwards ST, Pedersen NP, Davis RB, McCarthy EP, Landon BE. Trends in the Ambulatory Management of Headache: Analysis of NAMCS and NHAMCS Data 1999-2010. *J Gen Intern Med.* 2015 Jan 8. [Epub ahead of print]

Nath JB, Hsia RY. Children's Emergency Department Use for Asthma, 2001-2010. *Acad Pediatr.* 2015 Jan 14. pii: S1876-2859(14)00393-3. doi: 10.1016/j.acap.2014.10.011. [Epub ahead of print]

Safer DJ, Rajakannan T, Burcu M, Zito JM. Trends in Subthreshold Psychiatric Diagnoses for Youth in Community Treatment. *JAMA Psychiatry.* 2014 Nov 26. doi: 10.1001/jamapsychiatry.2014.1746. [Epub ahead of print]

Blecker S, Ladapo JA, Doran KM, Goldfeld KS, Katz S. Emergency department visits for heart failure and subsequent hospitalization or observation unit admission. *Am Heart J.* 2014 Dec;168(6):901-908.e1. doi: 10.1016/j.ahj.2014.08.002. Epub 2014 Aug 8.

Wittayanukorn S, Qian J, Westrick SC, Billor N, Johnson B, Hansen RA. Treatment patterns among breast cancer patients in the United States using two national surveys on visits to physicians' offices and hospital outpatient departments. *Res Social Adm Pharm.* 2014 Dec 18. pii: S1551-7411(14)00408-2. doi: 10.1016/j.sapharm.2014.12.002. [Epub ahead of print]

Tataris K, Kivlehan S, Govindarajan P. National trends in the utilization of emergency medical services for acute myocardial infarction and stroke. *West J Emerg Med.* 2014 Nov;15(7):744-8. doi: 10.5811/westjem.2014.9.22851. Epub 2014 Oct 28.

Mistry RD, Shapiro DJ, Goyal MK, Zaoutis TE, Gerber JS, Liu C, Hersh AL. Clinical management of skin and soft tissue infections in the u.s. Emergency departments. *West J Emerg Med.* 2014 Jul;15(4):491-8. doi: 10.5811/westjem.2014.4.20583.

Hampton LM, Daubresse M, Chang HY, Alexander GC, Budnitz DS. Emergency Department Visits by Adults for Psychiatric Medication Adverse Events. *JAMA Psychiatry.* 2014 Jul 9. doi: 10.1001/jamapsychiatry.2014.436. [Epub ahead of print]

Simon AE, Schoendorf KC. Emergency Department Visits for Mental Health Conditions Among US Children, 2001-2011. *Clin Pediatr (Phila).* 2014 Jul 7. pii: 0009922814541806. [Epub ahead of print]

Gandhi SO, Grant LP, Sabik LM. Trends in Nonemergent Use of Emergency Departments by Health Insurance Status. *Med Care Res Rev.* 2014 Jul 7. pii: 1077558714541481. [Epub ahead of print]

Hasegawa K, Espinola JA, Brown DF, Camargo CA Jr. Trends in U.S. Emergency Department Visits for Opioid Overdose, 1993-2010. *Pain Med.* 2014 Aug 19. doi: 10.1111/pme.12461. [Epub ahead of print]

Gandhi SO, Sabik L. Emergency department visit classification using the NYU algorithm. *Am J Manag Care.* 2014 Apr;20(4):315-20. Probst MA, Mower WR, Kanzaria HK, Hoffman JR, Buch EF, Sun BC. Analysis of Emergency Department Visits for Palpitations (from the National Hospital Ambulatory Medical Care Survey). *Am J Cardiol.* 2014 Mar 1. pii: S0002-9149(14)00712-7. doi: 10.1016/j.amjcard.2014.02.020. [Epub ahead of print]

Chang HY, Daubresse M, Kruszewski SP, Alexander GC. Prevalence and treatment of pain in EDs in the United States, 2000 to 2010. *Am J Emerg Med.* 2014 Jan 21. pii: S0735-6757(14)00021-7. doi: 10.1016/j.ajem.2014.01.015. [Epub ahead of print]

Chakravarthy B, Toohey S, Rezaimehr Y, Anderson CL, Hoonpongsimanont W, Menchine M, Lotfipour S. National differences between ED and ambulatory visits for suicidal ideation and attempts and depression. *Am J Emerg Med.* 2013 Dec 26. pii: S0735-6757(13)00903-0. doi: 10.1016/j.ajem.2013.12.044. [Epub ahead of print]

Knapp JF, Simon SD, Sharma V. Does Active Dissemination of Evidence Result in Faster Knowledge Transfer Than Passive Diffusion?: An Analysis of Trends of the Management of Pediatric Asthma and Croup in US Emergency Departments From 1995 to 2009. *Pediatr Emerg Care.* 2014 Apr 1. [Epub ahead of print]

Asao K, Kaminski J, McEwen LN, Wu X, Lee JM, Herman WH. Assessing the burden of diabetes mellitus in emergency departments in the United States: The National Hospital Ambulatory Medical Care Survey (NHAMCS). *J Diabetes Complications.* 2014 Feb 15. pii: S1056-8727(14)00047-6. doi: 10.1016/j.jdiacomp.2014.02.005. [Epub ahead of print]

Chakravarthy B, Hoonpongsimanont W, Anderson CL, Habicht M, Bruckner T, Lotfipour S. Depression, suicidal ideation, and suicidal attempt presenting to the emergency department: differences between these cohorts. *West J Emerg Med.* 2014 Mar;15(2):211-6. doi: 10.5811/westjem.2013.11.13172.

Friedman BW, Mistry B, West JR, Wollowitz A. The association between headache and elevated blood pressure among patients presenting to an ED. *Am J Emerg Med.* 2014 May 20. pii: S0735-6757(14)00336-2. doi: 10.1016/j.ajem.2014.05.017. [Epub ahead of print]

Friedman BW, West J, Vinson DR, Minen MT, Restivo A, Gallagher EJ. Current management of migraine in US emergency departments: An analysis of the National Hospital Ambulatory Medical Care Survey. *Cephalalgia.* 2014 Jun 19. pii: 0333102414539055. [Epub ahead of print]

Horeczko T, Green JP, Panacek EA. Epidemiology of the Systemic Inflammatory Response Syndrome (SIRS) in the Emergency Department. *West J Emerg Med.* 2014 May;15(3):329-36. doi: 10.5811/westjem.2013.9.18064. Epub 2014 Feb 19.

Heaton PC, Tundia NL, Luder HR. U.S. emergency departments visits resulting from poor medication adherence: 2005-07. *J Am Pharm Assoc (2003).* 2013 Sep 1;53(5):513-9. doi: 10.1331/JAPhA.2013.12213.

Okunseri C, Okunseri E, Fischer MC, Sadeghi SN, Xiang Q, Szabo A. Nontraumatic dental condition-related visits to emergency departments on weekdays, weekends and night hours: findings from the National Hospital Ambulatory Medical Care survey. *Clin Cosmet Investig Dent.* 2013 Sep 2;5:69-76. doi: 10.2147/CCIDE.S49191.

Saber Tehrani AS, Coughlan D, Hsieh YH, Mantokoudis G, Korley FK, Kerber KA, Frick KD, Newman-Toker DE. Rising annual costs of dizziness presentations to u.s. Emergency departments. *Acad Emerg Med.* 2013 Jul;20(7):689-96. doi: 10.1111/acem.12168.

Koelblinger P, Dabade TS, Gustafson CJ, Davis SA, Yentzer BA, Kiracofe EA, Feldman SR. Skin manifestations of outpatient adverse drug events in the United States: a national analysis. *J Cutan Med Surg.* 2013 Jul-Aug;17(4):269-75.

Will JC, Valderrama AL, Yoon PW. Preventable hospitalizations and emergency department visits for angina, United States, 1995-2010. *Prev Chronic Dis.* 2013 Jul 25;10:E126. doi: 10.5888/pcd10.120322. (NHAMCS)

Singhal S, Allen MW, McAnnally JR, Smith KS, Donnelly JP, Wang HE. National estimates of emergency department visits for pediatric severe sepsis in the United States. *PeerJ.* 2013 May 21;1:e79. doi: 10.7717/peerj.79. Print 2013.

Meehan WP 3rd, Mannix R. A Substantial Proportion of Life-Threatening Injuries Are Sport-Related. *Pediatr Emerg Care.* 2013 Apr 18. [Epub ahead of print]

Smitherman TA, Burch R, Sheikh H, Loder E. The prevalence, impact, and treatment of migraine and severe headaches in the United States: a review of statistics from national surveillance studies. *Headache.* 2013 Mar;53(3):427-36. doi: 10.1111/head.12074. Epub 2013 Mar 7.

Raven MC, Lowe RA, Maselli J, Hsia RY. Comparison of presenting complaint vs discharge diagnosis for identifying "nonemergency" emergency department visits. *JAMA.* 2013 Mar 20;309(11):1145-53. doi: 10.1001/jama.2013.1948.

Kelly M, Donnelly JP, McAnnally JR, Wang HE. National estimates of emergency department visits for angioedema and allergic reactions in the United States. *Allergy Asthma Proc.* 2013 Mar;34(2):150-4. doi: 10.2500/aap.2013.34.3640.

Johnson LW, Robles J, Hudgins A, Osburn S, Martin D, Thompson A. Management of bronchiolitis in the emergency department: impact of evidence-based guidelines? *Pediatrics.* 2013 Mar;131 Suppl 1:S103-9. doi: 10.1542/peds.2012-1427m.

Horeczko T, Wintemute GJ. Asthma Vital Signs at Triage: Home or Admission (ASTHmA). *Pediatr Emerg Care.* 2013 Jan 29. [Epub ahead of print]

Fwu CW, Eggers PW, Kimmel PL, Kusek JW, Kirkali Z. Emergency department visits, use of imaging, and drugs for urolithiasis have increased in the United States. *Kidney Int.* 2013 Jan 2. doi: 10.1038/ki.2012.419. [Epub ahead of print]

Heart disease and stroke statistics--2013 update: a report from the American Heart Association. Go AS, Mozaffarian D, Roger VL, Benjamin EJ et al. *Circulation.* 2013 Jan 1;127(1):e6-e245. doi: 10.1161/CIR.0b013e31828124ad. Epub 2012 Dec 12. Review. No abstract available. Erratum in: *Circulation.* 2013 Jan 1;127(1):doi:10.1161/CIR.0b013e31828124ad.

Kamel H, Fahimi J, Govindarajan P, Navi BB. Nationwide Patterns of Hospitalization after Transient Ischemic Attack. *J Stroke Cerebrovasc Dis.* 2012 Nov 10. doi:pii: S1052-3057(12)00330-8. 10.1016/j.jstrokecerebrovasdis.2012.09.016. [Epub ahead of print]

Lee HH, Lewis CW, Saltzman B, Starks H. Visiting the Emergency Department for Dental Problems: Trends in Utilization, 2001 to 2008. *Am J Public Health*. 2012 Sep 20. [Epub ahead of print]

Hyams ES, Matlaga BR, Korley FK. Practice patterns in the emergency care of kidney stone patients: an analysis of the National Hospital Ambulatory Medical Care Survey (NHAMCS). *Can J Urol*. 2012 Aug;19(4):6351-9.

Takhar SS, Ting SA, Camargo CA Jr, Pallin DJ. U.S. Emergency department visits for meningitis, 1993-2008. *Acad Emerg Med*. 2012 Jun;19(6):632-9. doi: 10.1111/j.1553-2712.2012.01377.x.

Ting SA, Sullivan AF, Boudreaux ED, Miller I, Camargo CA Jr. Trends in US emergency department visits for attempted suicide and self-inflicted injury, 1993-2008. *Gen Hosp Psychiatry*. 2012 May 2. [Epub ahead of print]

Wall T. Recent trends in dental emergency department visits in the United States - 1997/1998 to 2007/2008. *J Public Health Dent*. 2012 Apr 27. doi: 10.1111/j.1752-7325.2012.00339.x. [Epub ahead of print]

Govindarajan P, Gonzales R, Maselli JH, Claiborne Johnston S, Fahimi J, Poisson S, Stein JC. Regional Differences in Emergency Medical Services Use for Patients with Acute Stroke (Findings from the National Hospital Ambulatory Medical Care Survey Emergency Department Data File). *J Stroke Cerebrovasc Dis*. 2012 Mar 30. [Epub ahead of print]

Anderson JB, Czosek RJ, Cnota J, Meganathan K, Knilans TK, Heaton PC. Pediatric Syncope: National Hospital Ambulatory Medical Care Survey Results. *J Emerg Med*. 2012 Mar 8. [Epub ahead of print]

Heart disease and stroke statistics--2012 update: a report from the American Heart Association. Roger VL, Go AS, Lloyd-Jones DM, Benjamin EJ et al. *Circulation*. 2012 Jan 3;125(1):e2-e220. doi: 10.1161/CIR.0b013e31823ac046. Epub 2011 Dec 15. Erratum in: *Circulation*. 2012 Jun 5;125(22):e1002.

Li C, Martin BC. Trends in emergency department visits attributable to acetaminophen overdoses in the United States: 1993-2007. *Pharmacoepidemiol Drug Saf*. 2011 Aug;20(8):810-8. doi: 10.1002/pds.2103. Epub 2011 Jan 18.

Mattos JL, Woodard CR, Payne SC. Trends in common rhinologic illnesses: Analysis of U.S. healthcare surveys 1995-2007. *Int Forum Allergy Rhinol*. 2011 Jan;1(1):3-12. doi: 10.1002/alr.20003. Epub 2010 Nov 18.

Valderrama AL, Fang J, Merritt RK, Hong Y. Cardiac arrest patients in the emergency department--National Hospital Ambulatory Medical Care Survey, 2001-2007. *Resuscitation*. 2011 Jun 12. [Epub ahead of print]

Yadav K, Cowan E, Wall S, Gennis P. Orbital fracture clinical decision rule development: burden of disease and use of a mandatory electronic survey instrument. *Acad Emerg Med*. 2011 Mar;18(3):313-6. doi: 10.1111/j.1553-2712.2011.01017.x. Epub 2011 Feb 25.

Menchine MD, Wiechmann W, Peters AL, Arora S. Trends in diabetes-related visits to US EDs from 1997 to 2007. *Am J Emerg Med*. 2011 May 11. [Epub ahead of print]

Bhattacharyya N, Kepnes LJ. Initial Impact of the Acute Otitis Externa Clinical Practice Guideline on Clinical Care. *Otolaryngol Head Neck Surg*. 145(3):414-417. Sep 2011. 2011 Apr 29. [Epub ahead of print]

Huang SS, Johnson KM, Ray GT, Wroe P, Lieu TA, Moore MR, Zell ER, Linder JA, Grijalva CG, Metlay JP, Finkelstein JA. Healthcare utilization and cost of pneumococcal disease in the United States. *Vaccine*. 2011 Mar 10. [Epub ahead of print]

Shih TY, Gaydos CA, Rothman RE, Hsieh YH. Poor Provider Adherence to the Centers for Disease Control and Prevention Treatment Guidelines in US Emergency Department Visits With a Diagnosis of Pelvic Inflammatory Disease. *Sex Transm Dis*. 2011 Feb 10. [Epub ahead of print]

Heart disease and stroke statistics--2011 update: a report from the American Heart Association. Roger VL, Go AS, Lloyd-Jones DM, Adams RJ et al. *Circulation*. 2011 Feb 1;123(4):e18-e209. doi: 10.1161/CIR.0b013e3182009701. Epub 2010 Dec 15. No abstract available. Erratum in: *Circulation*. 2011 Oct 18;124(16):e426. *Circulation*. 2011 Feb 15;123(6):e240.

Akinbami LJ, Moorman JE, Liu X. Asthma prevalence, health care use, and mortality: United States, 2005-2009. *Natl Health Stat Report*. 2011 Jan 12;(32):1-14.

Friedman BW, Chilstrom M, Bijur PE, Gallagher EJ. Diagnostic testing and treatment of low back pain in United States emergency departments: a national perspective. *Spine (Phila Pa 1976)*. 2010 Nov 15;35(24):E1406-11.

Shehab N, Sperling LS, Kegler SR, Budnitz DS. National estimates of emergency department visits for hemorrhage-related adverse events from clopidogrel plus aspirin and from warfarin. *Arch Intern Med.* 2010 Nov 22;170(21):1926-33.

Bekmezian A, Hersh AL, Maselli JH, Cabana MD. Pediatric Emergency Departments are More Likely Than General Emergency Departments to Treat Asthma Exacerbation With Systemic Corticosteroids. *J Asthma.* 2010 Nov 30. [Epub ahead of print]

Weinick RM, Burns RM, Mehrotra A. Many Emergency Department Visits Could Be Managed At Urgent Care Centers And Retail Clinics. *Health Affairs,* 29, no. 9 (2010): 1630-1636 doi: 10.1377/hlthaff.2009.0748

Meehan WP 3rd, Mannix R. Pediatric Concussions in United States Emergency Departments in the Years 2002 to 2006. *J Pediatr.* 2010 Aug 12. [Epub ahead of print]

Rudders SA, Espinola JA, Camargo CA Jr. North-south differences in US emergency department visits for acute allergic reactions. *Ann Allergy Asthma Immunol.* 2010 May;104(5):413-6.

Yusuf HR, Atrash HK, Grosse SD, Parker CS, Grant AM. Emergency department visits made by patients with sickle cell disease: a descriptive study, 1999-2007. *Am J Prev Med.* 2010 Apr;38(4 Suppl):S536-41.

Sacks JJ, Luo YH, Helmick CG. Prevalence of specific types of arthritis and other rheumatic conditions in the ambulatory health care system in the United States, 2001-2005. *Arthritis Care Res (Hoboken).* 2010 Apr;62(4):460-4.

Wilper A, Woolhandler S, Himmelstein D, Nardin R. Impact of insurance status on migraine care in the United States: a population-based study. *Neurology.* 2010 Apr 13;74(15):1178-83.

Barnes GD, Gafoor S, Wakefield T, Upchurch GR Jr, Henke P, Froehlich JB. National trends in venous disease. *J Vasc Surg.* 51(6):1467-1473. Jun 2010. 2010 Mar 19. [Epub ahead of print]

Heart disease and stroke statistics--2010 update: a report from the American Heart Association. Lloyd-Jones D, Adams RJ, Brown TM, Carnethon M et al. *Circulation.* 2010 Feb 23;121(7):e46-e215. doi: 10.1161/CIRCULATIONAHA.109.192667. Epub 2009 Dec 17. No abstract available. Erratum in: *Circulation.* 2010 Mar 30;121(12):e260. Stafford, Randall [corrected to Roger, Véronique L]. *Circulation.* 2011 Oct 18;124(16):e425.

Flores AR, Szilagyi PG, Auinger P, Fisher SG. Estimated burden of rotavirus-associated diarrhea in ambulatory settings in the United States. *Pediatrics.* 2010 Feb;125(2):e191-8. Epub 2010 Jan 25.

Shah SS, Wood SM, Luan X, Ratner AJ. Decline in Varicella-Related Ambulatory Visits and Hospitalizations in the United States Since Routine Immunization Against Varicella. *Pediatr Infect Dis J.* 2009 Nov 25. [Epub ahead of print]

Sung VW, Raker CA, Myers DL, Clark MA. Ambulatory care related to female pelvic floor disorders in the United States, 1995-2006. *Am J Obstet Gynecol.* 2009 Aug 14. [Epub ahead of print]

Smith WM, Davidson TM, Murphy C. Regional variations in chronic rhinosinusitis, 2003-2006. *Otolaryngol Head Neck Surg.* 2009 Sep;141(3):347-52.

Ananthakrishnan AN, McGinley EL, Saeian K, Binion DG. Trends in Ambulatory and Emergency Room Visits for Inflammatory Bowel Diseases in the United States: 1994-2005. *Am J Gastroenterol.* 2009 Oct 6. [Epub ahead of print]

Newman-Toker DE, Camargo CA Jr, Hsieh YH, Pelletier AJ, Edlow JA. Disconnect between charted vestibular diagnoses and emergency department management decisions: a cross-sectional analysis from a nationally representative sample. *Acad Emerg Med.* 2009 Oct;16(10):970-7.

Panackal AA, Halpern EF, Watson AJ. Cutaneous fungal infections in the United States: Analysis of the National Ambulatory Medical Care Survey (NAMCS) and National Hospital Ambulatory Medical Care Survey (NHAMCS), 1995-2004. *Int J Dermatol.* 2009 Jul;48(7):704-12.

Btoush R, Campbell JC, Gebbie KM. Care provided in visits coded for intimate partner violence in a national survey of emergency departments. *Womens Health Issues.* 2009 Jul-Aug;19(4):253-62.

Pines JM. Trends in the rates of radiography use and important diagnoses in emergency department patients with abdominal pain. *Med Care.* 2009 Jul;47(7):782-6.

Taira BR, Singer AJ, Thode HC Jr, Lee CC. National epidemiology of cutaneous abscesses: 1996 to 2005. *Am J Emerg Med.* 2009 Mar;27(3):289-92.

Pandya A, Larkin GL, Randles R, Beauvais AL, Smith RP. Epidemiological trends in psychosis-related Emergency Department visits in the United States, 1992-2001. *Schizophr Res.* 2009 Mar 19. [Epub ahead of print]

Decker SL, Schappert SM, Sisk JE. Use Of Medical Care For Chronic Conditions. *Health Affairs*, 28, no. 1 (2009): 26-35 doi: 10.1377/hlthaff.28.1.26

Heart disease and stroke statistics--2009 update: a report from the American Heart Association Statistics Committee and Stroke Statistics Subcommittee. Lloyd-Jones D, Adams R, Carnethon M, De Simone G et al. *Circulation.* 2009 Jan 27;119(3):480-6. doi: 10.1161/CIRCULATIONAHA.108.191259. Erratum in: *Circulation.* 2009 Jan 27;119(3):e182.

Knapp JF, Simon SD, Sharma V. Quality of care for common pediatric respiratory illnesses in United States emergency departments: analysis of 2005 National Hospital Ambulatory Medical Care Survey Data. *Pediatrics.* 2008 Dec;122(6):1165-70.

Schuur JD, Justice A. Measuring Quality of Care in Syncope: Case Definition Affects Reported Electrocardiogram Use but Does Not Bias Reporting. *Acad Emerg Med.* 2008 Dec 6. [Epub ahead of print]

Btoush R, Campbell JC, Gebbie KM. Visits coded as intimate partner violence in emergency departments: characteristics of the individuals and the system as reported in a national survey of emergency departments. *J Emerg Nurs.* 2008 Oct;34(5):419-27. Epub 2008

Tsai CL, Sobrino JA, Camargo Jr CA. National Study of Emergency Department Visits for Acute Exacerbation of Chronic Obstructive Pulmonary Disease, 1993-2005. *Acad Emerg Med.* 2008 Oct 25. [Epub ahead of print]

Taira BR, Singer AJ, Thode HC Jr, Lee C. Burns in the emergency department: A national perspective. *J Emerg Med.* 2008 Aug 30. [Epub ahead of print]

Hersh AL, Chambers HF, Maselli JH, Gonzales R. National trends in ambulatory visits and antibiotic prescribing for skin and soft-tissue infections. *Arch Intern Med.* 2008 Jul 28;168(14):1585-91.

Kerber KA et al. Dizziness Presentations in U.S. Emergency Departments, 1995–2004. *Academic Emergency Medicine.* 15(8): 744-750. Published Online: 14 Jul 2008.

Larkin GL, Smith RP, Beauvais AL. Trends in US emergency department visits for suicide attempts, 1992-2001. *Crisis.* 2008;29(2):73-80.

Pallin DJ, Goldstein JN, Moussally JS, Pelletier AJ, Green AR, Camargo CA Jr. Seizure visits in US emergency departments: epidemiology and potential disparities in care. *Int J Emerg Med.* 2008 Jun;1(2):97-105. Epub 2008 Jun 5.

Pallin DJ, Egan DJ, Pelletier AJ, Espinola JA, Hooper DC, Camargo CA Jr. Increased US emergency department visits for skin and soft tissue infections, and changes in antibiotic choices, during the emergence of community-associated methicillin-resistant *Staphylococcus aureus*. *Ann Emerg Med.* 2008 Mar;51(3):291-8. Epub 2008 Jan 28. Comment in: *Ann Emerg Med.* 2008 Mar;51(3):299-302.

Shah ND, Chitkara DK, Locke GR, Meek PD, Talley NJ. Ambulatory Care for Constipation in the United States, 1993-2004. *Am J Gastroenterol.* 2008 Jun 12. [Epub ahead of print]

Larkin GL, Southwick SM. Trends in U.S. emergency department visits for anxiety-related mental health conditions, 1992-2001. *Smith RP, J Clin Psychiatry.* 2008 Feb;69(2):286-94.

Eneli IU, Keast DR, Rappley MD, Camargo CA Jr. Adequacy of two ambulatory care surveillance systems for tracking childhood obesity practice patterns. *Public Health.* 2008 Feb 28 [Epub ahead of print]

Krishnan E, Lienesch D, Kwok CK. Gout in ambulatory care settings in the United States. *J Rheumatol.* 2008 Mar;35(3):498-501. Epub 2008 Feb 1.

Richardson LC, Tangka FK. Ambulatory care for cancer in the United States: results from two national surveys comparing visits to physicians' offices and hospital outpatient departments. *J Natl Med Assoc.* 2007 Dec;99(12):1350-8.

Sacks JJ, Helmick CG, Luo YH, Ilowite NT, Bowyer S. Prevalence of and annual ambulatory health care visits for pediatric arthritis and other rheumatologic conditions in the United States in 2001-2004. *Arthritis Rheum.* 2007 Nov 29;57(8):1439-1445 [Epub ahead of print]

Ginde AA, Espinola JA, Camargo CA Jr. Trends and Disparities in U.S. Emergency Department Visits for Hypoglycemia, 1993-2005. *Diabetes Care.* 2007 Nov 19; [Epub ahead of print]

Moorman JE, Rudd RA, Johnson CA, King M, Minor P, Bailey C, Scalia MR, Akinbami LJ; Centers for Disease Control and Prevention (CDC). National surveillance for asthma--United States, 1980-2004. *MMWR Surveill Summ.* 2007 Oct 19;56(8):1-54.

Pham JC, Kelen GD, Pronovost PJ. National Study on the Quality of Emergency Department Care in the Treatment of Acute Myocardial Infarction and Pneumonia. *Acad Emerg Med* 2007; 14:856-863.

Horii KA, Simon SD, Liu DY, Sharma V. Atopic dermatitis in children in the United States, 1997-2004: visit trends, patient and provider characteristics, and prescribing patterns. *Pediatrics.* 2007 Sep;120(3):e527-34.

Fagenholz PJ, Sheridan RL, Harris NS, Pelletier AJ, Camargo CA Jr. National Study of Emergency Department Visits for Burn Injuries, 1993 to 2004. *J Burn Care Res.* 2007 Jul 27; [Epub ahead of print]

Straight JD, Heaton PC. Emergency department care for victims of sexual offense. *Am J Health Syst Pharm.* 2007 Sep 1;64(17):1845-50.

Sankaranarayanan J, Puumala SE. Epidemiology and characteristics of emergency departments visits by US adults with psychiatric disorder and antipsychotic mention from 2000 to 2004. *Curr Med Res Opin.* 2007 Jun;23(6):1375-85.

Wang HE, Shapiro NI, Angus DC, Yealy DM. National estimates of severe sepsis in United States emergency departments. *Crit Care Med.* 2007 Jun 19; [Epub ahead of print]

Gaeta TJ, Clark S, Pelletier AJ, Camargo CA. National study of US emergency department visits for acute allergic reactions, 1993 to 2004. *Ann Allergy Asthma Immunol.* 2007 Apr;98(4):360-5.

Murman DH, McDonald AJ, Pelletier AJ, Camargo CA Jr. U.S. Emergency Department Visits for Supraventricular Tachycardia, 1993-2003. *Acad Emerg Med.* 2007 Apr 20; [Epub ahead of print]

Li G, Lau JT, McCarthy ML, Schull MJ, Vermeulen M, Kelen GD. Emergency Department Utilization in the United States and Ontario, Canada. *Acad Emerg Med.* 2007 14(6): 582-584.

McDonald AJ, Pelletier AJ, Ellinor PT, Camargo Jr CA. Increasing US Emergency Department Visit Rates and Subsequent Hospital Admissions for Atrial Fibrillation from 1993 to 2004. *Ann Emerg Med.* 2007 Apr 26; [Epub ahead of print]

Sharp HJ, Denman D, Puumala S, Leopold DA. Treatment of acute and chronic rhinosinusitis in the United States, 1999-2002. *Arch Otolaryngol Head Neck Surg.* 2007 Mar;133(3):260-5.

Pezzin LE, Keyl PM, Green GB. Disparities in the emergency department evaluation of chest pain patients. *Acad Emerg Med.* 2007 Feb;14(2):149-56.

Taur Y, Smith MA. Adherence to the Infectious Diseases Society of America guidelines in the treatment of uncomplicated urinary tract infection. *Clin Infect Dis.* 2007 Mar 15;44(6):769-74. Epub 2007 Feb 1.

Fagenholz PJ, Fernandez-Del Castillo C, Harris NS, Pelletier AJ, Camargo CA Jr. National study of United States emergency department visits for acute pancreatitis, 1993-2003. *BMC Emerg Med.* 2007 Jan 22;7(1):1 [Epub ahead of print]

Riddle DL, Schappert SM. Volume and characteristics of inpatient and ambulatory medical care for neck pain in the United States: data from three national surveys. *Spine.* 2007 Jan 1;32(1):132-40; discussion 141.

McKenzie MS, McFarland BH. Trends in antidepressant overdoses. *Pharmacoepidemiol Drug Saf.* 2007 Jan 3; [Epub ahead of print]

Qureshi AI, Ezzeddine MA, Nasar A, Suri MF, Kirmani JF, Hussein HM, Divani AA, Reddi AS. Prevalence of elevated blood pressure in 563704 adult patients with stroke presenting to the ED in the United States.

Am J Emerg Med. 2007 Jan;25(1):32-8.

4a. DIAGNOSTIC, SCREENING, and PREVENTIVE SERVICES, NONMEDICATION THERAPY – NCHS REPORTS

Blood pressure measurements at emergency department visits by adults: United States, 2007-2008 [Data Brief, No. 72]

4b. DIAGNOSTIC, SCREENING, and PREVENTIVE SERVICES, NONMEDICATION THERAPY - JOURNAL ARTICLES USING NHAMCS DATA

Jamal A, Dube SR, King BA. Tobacco Use Screening and Counseling During Hospital Outpatient Visits Among US Adults, 2005-2010. *Prev Chronic Dis*. 2015 Aug 20;12:E132. doi: 10.5888/pcd12.140529.

Cawkwell PB, Lee L, Shearston J, Sherman SE, Weitzman M. The Difference a Decade Makes: Smoking Cessation Counseling and Screening at Pediatric Visits. *Nicotine Tob Res*. 2016 Jul 11. pii: ntw146. [Epub ahead of print]

Sigmund AE, Stevens ER, Blitz JD, Ladapo JA. Use of Preoperative Testing and Physicians' Response to Professional Society Guidance. *JAMA Intern Med*. 2015 Jun 8. doi: 10.1001/jamainternmed.2015.2081. [Epub ahead of print]

Hussein W, Mullins PM, Alghamdi K, Sarani B, Pines JM. Trends in Advanced Computed Tomography Use for Injured Patients in United States Emergency Departments: 2007-2010. *Acad Emerg Med*. 2015 Jun;22(6):663-9. doi: 10.1111/acem.12684. Epub 2015 May 20.

Shahi V, Brinjikji W, Cloft HJ, Thomas KB, Kallmes DF. Trends in CT Utilization for Pediatric Fall Patients in US Emergency Departments. *Acad Radiol*. 2015 May 6. pii: S1076-6332(15)00114-2. doi: 10.1016/j.acra.2015.02.016. [Epub ahead of print]

Brinjikji W, Kallmes DF, Cloft HJ. Rising Utilization of CT in Adult Fall Patients. *AJR Am J Roentgenol*. 2015 Mar;204(3):558-62. doi: 10.2214/AJR.14.13107.

Goyal MK, Hersh AL, Badolato G, Luan X, Trent M, Zaoutis T, Chamberlain JM. Underuse of pregnancy testing for women prescribed teratogenic medications in the emergency department. *Acad Emerg Med*. 2015 Feb;22(2):192-6. doi: 10.1111/acem.12578. Epub 2015 Jan 29.

Ip IK, Raja AS, Gupta A, Andruchow J, Sodickson A, Khorasani R. Impact of clinical decision support on head computed tomography use in patients with mild traumatic brain injury in the ED. *Am J Emerg Med*. 2014 Nov 13. pii: S0735-6757(14)00794-3. doi: 10.1016/j.ajem.2014.11.005. [Epub ahead of print]

Makam AN, Nguyen OK. Use of Cardiac Biomarker Testing in the Emergency Department. *JAMA Intern Med*. 2014 Nov 17. doi: 10.1001/jamainternmed.2014.5830. [Epub ahead of print]

Blaschke AJ, Shapiro DJ, Pavia AT, Byington CL, Ampofo K, Stockmann C, Hersh AL. A National Study of the Impact of Rapid Influenza Testing on Clinical Care in the Emergency Department. *J Pediatric Infect Dis Soc*. 2014 Jun;3(2):112-118. Epub 2013 Nov 13.

Makam AN, Auerbach AD, Steinman MA. Blood culture use in the emergency department in patients hospitalized with respiratory symptoms due to a nonpneumonia illness. *J Hosp Med*. 2014 Apr 22. doi: 10.1002/jhm.2205. [Epub ahead of print]

Schuur JD, Chambers JG, Hou PC. Urinary Catheter Use and Appropriateness in U.S. Emergency Departments, 1995-2010. *Acad Emerg Med*. 2014 Mar;21(3):292-300. doi: 10.1111/acem.12334.

Tai M, Merchant RC. HIV testing in US emergency departments, outpatient ambulatory medical departments, and physician offices, 1992-2010. *AIDS Care*. 2014 Jan 2. [Epub ahead of print]

Yamamoto A, McCormick MC, Burriss HH. US Provider-Reported Diet and Physical Activity Counseling to Pregnant and Non-pregnant Women of Childbearing Age During Preventive Care Visits. *Matern Child Health J*. 2013 Dec 5. [Epub ahead of print]

Goyal M, Hersh A, Luan X, Mollen C, Localio R, Trent M, Zaoutis T. Frequency of pregnancy testing among adolescent emergency department visits. *Acad Emerg Med*. 2013 Aug;20(8):816-21. doi: 10.1111/acem.12186.

Feng LB, Pines JM, Yusuf HR, Grosse SD. U.S. Trends in computed tomography use and diagnoses in emergency department visits by patients with symptoms suggestive of pulmonary embolism, 2001-2009. *Acad Emerg Med*. 2013 Oct;20(10):1033-40. doi: 10.1111/acem.12221.

Knapp JF, Simon SD, Sharma V. Variation and Trends in ED Use of Radiographs for Asthma, Bronchiolitis, and Croup in Children. *Pediatrics*. 2013 Aug;132(2):245-52. doi: 10.1542/peds.2012-2830. Epub 2013 Jul 22.

Berdahl CT, Vermeulen MJ, Larson DB, Schull MJ. Emergency Department Computed Tomography Utilization in the United States and Canada. *Ann Emerg Med*. 2013 May 14. doi:pil: S0196-0644(13)00141-8. 10.1016/j.annemergmed.2013.02.018. [Epub ahead of print]

Berkowitz Z, Saraiya M, Sawaya GF. Cervical Cancer Screening Intervals, 2006 to 2009: Moving Beyond Annual Testing. *JAMA Intern Med*. Epub ahead of print: April 8, 2013. doi:10.1001/jamainternmed.2013.368

Zallman L, Woolhandler S, Himmelstein D, Bor DH, McCormick D. Computed tomography associated cancers and cancer deaths following visits to U.S. emergency departments. *Int J Health Serv*. 2012;42(4):591-605.

Shapiro DJ, Hersh AL, Cabana MD, Sutherland SM, Patel AI. Hypertension Screening During Ambulatory Pediatric Visits in the United States, 2000-2009. *Pediatrics*. 130(4):604-610. Oct 2012. 2012 Sep 17. [Epub ahead of print]

Fahimi J, Herring A, Harries A, Gonzales R, Alter H. Computed Tomography Use Among Children Presenting to Emergency Departments With Abdominal Pain. *Pediatrics*. 2012 Oct 8. [Epub ahead of print]

Hoover JB, Tao G, Heffelfinger JD. Monitoring HIV testing at visits to emergency departments in the United States: Very low rate of HIV testing. *J Acquir Immune Defic Syndr*. 2012 Sep 26. [Epub ahead of print]

Kepka D, Berkowitz Z, Yabroff KR, Roland K, Saraiya M. Human papillomavirus vaccine practices in the USA: do primary care providers use sexual history and cervical cancer screening results to make HPV vaccine recommendations? *Sex Transm Infect*. 88(6):433-435. Oct 2012. 2012 Apr 21. [Epub ahead of print]

Hryhorczuk AL, Mannix RC, Taylor GA. Pediatric Abdominal Pain: Use of Imaging in the Emergency Department in the United States from 1999 to 2007. *Radiology*. 2012 Apr 24. [Epub ahead of print]

Coco AS, O'Gurek DT. Increased emergency department computed tomography use for common chest symptoms without clear patient benefits. *J Am Board Fam Med*. 2012 Jan;25(1):33-41.

Simon AE, Lukacs SL, Mendola P. Emergency department laboratory evaluations of Fever without source in children aged 3 to 36 months. *Pediatrics*. 2011 Dec;128(6):e1368-75. Epub 2011 Nov 21.

Easter BD, Fischer C, Fisher J. The use of mechanical ventilation in the ED. *Am J Emerg Med*. 2011 Nov 17. [Epub ahead of print]

Hyams ES, Korley FK, Pham JC, Matlaga BR. Trends in Imaging Use During the Emergency Department Evaluation of Flank Pain. *J Urol*. 2011 Oct 18. [Epub ahead of print]

Gilbert JW, Johnson KM, Larkin GL, Moore CL. Atraumatic headache in US emergency departments: recent trends in CT/MRI utilisation and factors associated with severe intracranial pathology. *Emerg Med J*. 2011 Aug 19. [Epub ahead of print]

Kocher KE, Meurer WJ, Fazel R, Scott PA, Krumholz HM, Nallamothu BK. National Trends in Use of Computed Tomography in the Emergency Department. *Ann Emerg Med*. 2011 Aug 9. [Epub ahead of print]

Tsze DS, Asnis LM, Merchant RC, Amanullah S, Linakis JG. Increasing Computed Tomography Use for Patients With Appendicitis and Discrepancies in Pain Management Between Adults and Children: An Analysis of the NHAMCS. *Ann Emerg Med*. 2011 Jul 28. [Epub ahead of print]

Westphalen AC, Hsia RY, Maselli JH, Wang R, Gonzales R. Radiological imaging of patients with suspected urinary tract stones: national trends, diagnoses, and predictors. *Acad Emerg Med*. 2011 Jul;18(7):699-707. doi: 10.1111/j.1553-2712.2011.01103.x.

Lee JW, Berkowitz Z, Saraiya M. Low-risk human papillomavirus testing and other nonrecommended human papillomavirus testing practices among U.S. Health care providers. *Obstet Gynecol*. 2011 Jul;118(1):4-13.

Stein JC, Jacoby VL, Vittinghoff E, Wang R, Kwan E, Reynolds T, McAlpine I, Gonzales R. Differential use of diagnostic ultrasound in U.S. Emergency departments by time of day. *West J Emerg Med*. 2011 Feb;12(1):90-5.

- Larson DB, Johnson LW, Schnell BM, Goske MJ, Salisbury SR, Forman HP. Rising Use of CT in Child Visits to the Emergency Department in the United States, 1995-2008. *Radiology*. 2011 Apr 5. [Epub ahead of print]
- Larson DB, Johnson LW, Schnell BM, Salisbury SR, Forman HP. National Trends in CT Use in the Emergency Department: 1995-2007. *Radiology*. 2010 Nov 30. [Epub ahead of print]
- Korley FK, Pham JC, Kirsch TD. Use of advanced radiology during visits to US emergency departments for injury-related conditions, 1998-2007. *JAMA*. 2010 Oct 6;304(13):1465-71.
- Kerber KA, Schweigler L, West BT, Fendrick AM, Morgenstern LB. Value of computed tomography scans in ED dizziness visits: analysis from a nationally representative sample. *Am J Emerg Med*. 2009 Sep 18. [Epub ahead of print]
- Mannix R, Bourgeois FT, Schutzman SA, Bernstein A, Lee LK. Neuroimaging for pediatric head trauma: do patient and hospital characteristics influence who gets imaged? *Acad Emerg Med*. 2010 Jul;17(7):694-700.
- Saraiya M, McCaig LF, Ekwueme DU. Ambulatory care visits for Pap tests, abnormal Pap test results, and cervical cancer procedures in the United States. *Am J Manag Care*. 2010 Jun 1;16(6):e137-44.
- Schuur JD, Tibbetts SA, Pines JM. Pregnancy Testing in Women of Reproductive Age in US Emergency Departments, 2002 to 2006: Assessment of a National Quality Measure. *Ann Emerg Med*. 2009 Nov 20. [Epub ahead of print]
- Merchant RC, Catanzaro BM. HV testing in US EDs, 1993-2004. *Am J Emerg Med*. 2009 Sep;27(7):868-74.
- Metz SM, Raval M. Predictors of health education and nonmedication treatment in adult outpatients with diagnosed cardiac conditions. *Prev Cardiol*. 2009 Summer;12(3):144-8.
- Hoover K, Tao G, Kent C. Low rates of both asymptomatic chlamydia screening and diagnostic testing of women in US outpatient clinics. *Obstet Gynecol*. 2008 Oct;112(4):891-8.
- Hsieh YH, Rothman RE, Newman-Toker DE, Kelen GD. National estimation of rates of HIV testing in US emergency departments 1993-2005: baseline prior to the 2006 Centers for Disease Control and Prevention recommendations. *AIDS*. 2008 Oct 18;22(16):2127-34.
- Branner CM, Koyama T, Jensen GL. Racial and ethnic differences in pediatric obesity-prevention counseling: national prevalence of clinician practices. *Obesity (Silver Spring)*. 2008 Mar;16(3):690-4. Epub 2008 Jan 17.
- Mehrotra A, Zaslavsky AM, Ayanian JZ. Preventive health examinations and preventive gynecological examinations in the United States. *Arch Intern Med*. 2007 Sep 24;167(17):1876-83.
- McCaig LF, Clifford McDonald L, Cohen AL, Kuehnert MJ. Increasing Blood Culture Use at US Hospital Emergency Department Visits, 2001 to 2004. *Ann Emerg Med*. 2007 Mar 23; [Epub ahead of print]
- Brown DW, Xie J, Mensah GA. Electrocardiographic recording and timeliness of clinician evaluation in the emergency department in patients presenting with chest pain. *Am J Cardiol*. 2007 Apr 15;99(8):1115-8. Epub 2007 Feb 21.
- Larkin GL, Claassen C. Trends in emergency department use of gastric lavage for poisoning events in the United States, 1993-2003. *Clin Toxicol (Phila)*. 2007;45(2):164-8.
- 5a. PROVIDERS SEEN – NCHS REPORTS**
Physician Assistant and Advance Practice Nurse Care in Hospital Outpatient Departments: United States, 2008-2009. [Data Brief No. 77]
- 5b. PROVIDERS SEEN - JOURNAL ARTICLES USING NHAMCS DATA**
Mafi JN, Wee CC, Davis RB, Landon BE. Comparing Use of Low-Value Health Care Services Among U.S. Advanced Practice Clinicians and Physicians. *Ann Intern Med*. 2016 Jun 21. doi: 10.7326/M15-2152. [Epub ahead of print]
- Salibian AA, Mahboubi H, Patel MS, Kuan EC, Malinoski DJ, Vagefi PA, Djalilian HR. The National Ambulatory Medical Care Survey: PAs and NPs in outpatient surgery. *JAAPA*. 2016 May;29(5):47-53. doi: 10.1097/01.JAA.0000482302.40692.20.

Benitez J, Coplan B, Dehn RW, Hooker RS. Payment source and provider type in the US healthcare system. *JAAPA*. 2015 Mar;28(3):46-53. doi: 10.1097/01.JAA.0000460924.36251.eb.

Pitts SR, Morgan SR, Schragger JD, Berger TJ. Emergency department resource use by supervised residents vs attending physicians alone. *JAMA*. 2014 Dec 10;312(22):2394-400. doi: 10.1001/jama.2014.16172.

Brown DF, Sullivan AF, Espinola JA, Camargo CA Jr. Continued rise in the use of mid-level providers in US emergency departments, 1993-2009. *Int J Emerg Med*. 2012 May 23;5(1):21. [Epub ahead of print]

Bhattacharyya N. Involvement of physician extenders in ambulatory otolaryngology practice. *Laryngoscope*. 122(5):1010-1013. May 2012. 2012 Mar 27. doi: 10.1002/lary.23274. [Epub ahead of print]

Zallman L, Ma J, Xiao L, Lasser KE. Quality of US Primary Care Delivered by Resident and Staff Physicians. *J Gen Intern Med*. 2010 Jul 20. [Epub ahead of print]

Ginde AA, Espinola JA, Sullivan AF, Blum FC, Camargo CA Jr. Use of midlevel providers in US EDs, 1993 to 2005: implications for the workforce. *Am J Emerg Med*. 2010 Jan;28(1):90-4.

Hooker RS, Cipher DJ, Cawley JF, Herrmann D, Melson J. Emergency medicine services: Interprofessional care trends. *J Interprof Care*. 2008 Mar;22(2):167-78.

Menchine MD, Wiechmann W, Rudkin S. Trends in midlevel provider utilization in emergency departments from 1997 to 2006. *Acad Emerg Med*. 2009 Oct;16(10):963-9.

Morgan PA, Strand J, Ostbye T, Albanese MA. Missing in action: care by physician assistants and nurse practitioners in national health surveys. *Health Serv Res*. 2007 Oct;42(5):2022-37.

6b. MEDICATION THERAPY - JOURNAL ARTICLES USING NHAMCS DATA

Kim HS, McCarthy DM, Mark Courtney D, Lank PM, Lambert BL. Benzodiazepine-opioid co-prescribing in a national probability sample of emergency department encounters. *Am J Emerg Med*. 2016 Dec 2. pii: S0735-6757(16)30889-0. doi: 10.1016/j.ajem.2016.11.054. [Epub ahead of print]

Kachru N, Sura S, Chatterjee S, Aparasu RR. Antimuscarinic Medication Use in Elderly Patients with Overactive Bladder. *Drugs Aging*. 2016 Oct;33(10):755-763.

Kobayashi M, Shapiro DJ, Hersh AL, Sanchez GV, Hicks LA. Outpatient Antibiotic Prescribing Practices for Uncomplicated Urinary Tract Infection in Women in the United States, 2002-2011. *Open Forum Infect Dis*. 2016 Aug 2;3(3):ofw159.

Roditi RE, Ishman S, Lee S, Lin S, Shin JJ. Medications for Allergic Rhinitis: An Opportunity for Quality Improvement? *Otolaryngol Head Neck Surg*. 2016 Aug 30. pii: 0194599816666064. [Epub ahead of print]

Tan EC, Bell JS, Lu CY, Toh S. National Trends in Outpatient Antihypertensive Prescribing in People with Dementia in the United States. *J Alzheimers Dis*. 2016 Sep 2. [Epub ahead of print]

Mazer-Amirshahi M, Mullins PM, Sun C, Pines JM, Nelson LS, Perrone J. Trends in Opioid Analgesic Use in Encounters Involving Physician Trainees in U.S. Emergency Departments. *Pain Med*. 2016 Apr 14. pii: pnw048. [Epub ahead of print]

Kea B, Fu R, Lowe RA, Sun BC. Interpreting the National Hospital Ambulatory Medical Care Survey: United States Emergency Department Opioid Prescribing, 2006-2010. *Acad Emerg Med*. 2016 Feb;23(2):159-65. doi: 10.1111/acem.12862. Epub 2016 Jan 23.

Sohn M, Moga DC, Blumenschein K, Talbert J. National trends in off-label use of atypical antipsychotics in children and adolescents in the United States. *Medicine (Baltimore)*. 2016 Jun;95(23):e3784. doi: 10.1097/MD.0000000000003784.

Fleming-Dutra KE, Hersh AL, Shapiro DJ, Bartoces M, Enns EA, File TM Jr, Finkelstein JA, Gerber JS, Hyun DY, Linder JA, Lynfield R, Margolis DJ, May LS, Merenstein D, Metlay JP, Newland JG, Piccirillo JF, Roberts RM, Sanchez GV, Suda KJ, Thomas A, Woo TM, Zetts RM, Hicks LA. Prevalence of Inappropriate Antibiotic Prescriptions Among US Ambulatory Care Visits, 2010-2011. *JAMA*. 2016 May 3;315(17):1864-73. doi: 10.1001/jama.2016.4151.

Barlam TF, Soria-Saucedo R, Cabral HJ, Kazis LE. Unnecessary Antibiotics for Acute Respiratory Tract Infections: Association With Care Setting and Patient Demographics. *Open Forum Infect Dis*. 2016 Feb 23;3(1):ofw045. doi: 10.1093/ofid/ofw045. eCollection 2016 Jan.

Mazer-Amirshahi M, Mullins PM, Sun C, Pines JM, Nelson LS, Perrone J. Trends in Opioid Analgesic Use in Encounters Involving Physician Trainees in U.S. Emergency Departments. *Pain Med*. 2016 Apr 14. pii: pnw048. [Epub ahead of print]

Kea B, Fu R, Lowe RA, Sun BC. Interpreting the National Hospital Ambulatory Medical Care Survey: United States Emergency Department Opioid Prescribing, 2006-2010. *Acad Emerg Med*. 2016 Feb;23(2):159-65. doi: 10.1111/acem.12862. Epub 2016 Jan 23.

Frank JW, Levy C, Calcaterra SL, Hoppe JA, Binswanger IA. Naloxone Administration in US Emergency Departments, 2000-2011. *J Med Toxicol*. 2015 Nov 30. [Epub ahead of print]

Burcu M, Safer DJ, Zito JM. Antipsychotic prescribing for behavioral disorders in US youth: physician specialty, insurance coverage, and complex regimens. *Pharmacoepidemiol Drug Saf*. 2015 Oct 28. doi: 10.1002/pds.3897. [Epub ahead of print]

Marra EM, Mazer-Amirshahi M, Brooks G, van den Anker J, May L, Pines JM. Benzodiazepine Prescribing in Older Adults in U.S. Ambulatory Clinics and Emergency Departments (2001-10). *J Am Geriatr Soc*. 2015 Oct;63(10):2074-81. doi: 10.1111/jgs.13666. Epub 2015 Sep 29.

Singer DD, Thode HC Jr, Singer AJ. Effects of pain severity and CT imaging on analgesia prescription in acute appendicitis. *Am J Emerg Med*. 2015 Sep 28. pii: S0735-6757(15)00791-3. doi: 10.1016/j.ajem.2015.09.015. [Epub ahead of print]

Okunseri C, Dionne RA, Gordon SM, Okunseri E, Szabo A. Prescription of opioid analgesics for nontraumatic dental conditions in emergency departments. *Drug Alcohol Depend*. 2015 Sep 28. pii: S0376-8716(15)01673-7. doi: 10.1016/j.drugalcdep.2015.09.023. [Epub ahead of print]

Xia Y, Kelton CM, Guo JJ, Bian B, Heaton PC. Treatment of obesity: Pharmacotherapy trends in the United States from 1999 to 2010. *Obesity (Silver Spring)*. 2015 Aug;23(8):1721-8. doi: 10.1002/oby.21136.

Hunold KM, Smith SA, Platts-Mills TF. Constipation Prophylaxis Is Rare for Adults Prescribed Outpatient Opioid Therapy From U.S. Emergency Departments. *Acad Emerg Med*. 2015 Aug 20. doi: 10.1111/acem.12745. [Epub ahead of print]

Ford ES, Wheaton AG. Trends in Outpatient Visits with Benzodiazepines among US Adults With and Without Bronchitis or Chronic Obstructive Pulmonary Disease from 1999 to 2010. *COPD*. 2015 Aug 5. [Epub ahead of print]

Cook TB, Reeves GM, Teufel J, Postolache TT. Persistence of racial disparities in prescription of first-generation antipsychotics in the USA. *Pharmacoepidemiol Drug Saf*. 2015 Jul 1. doi: 10.1002/pds.3819. [Epub ahead of print]

Altayar A, Bakhsh HT, Mohammed A, Skrepnek G, Patanwala AE. Administration of first dose antibiotic in the ED in patients with minor skin and soft tissue infections. *Am J Emerg Med*. 2015 May 29. pii: S0735-6757(15)00456-8. doi: 10.1016/j.ajem.2015.05.035. [Epub ahead of print]

Mehrotra A, Gidengil CA, Setodji CM, Burns RM, Linder JA. Antibiotic prescribing for respiratory infections at retail clinics, physician practices, and emergency departments. *Am J Manag Care*. 2015 Apr;21(4):294-302.

Larochelle MR, Zhang F, Ross-Degnan D, Wharam JF. Trends in opioid prescribing and co-prescribing of sedative hypnotics for acute and chronic musculoskeletal pain: 2001-2010. *Pharmacoepidemiol Drug Saf*. 2015 Apr 22. doi: 10.1002/pds.3776. [Epub ahead of print]

Pauff BR, Jiroutek MR, Holland MA, Sutton BS. Statin Prescribing Patterns: An Analysis of Data From Patients With Diabetes in the National Hospital Ambulatory Medical Care Survey Outpatient Department and National Ambulatory Medical Care Survey Databases, 2005-2010. *Clin Ther*. 2015 Apr 11. pii: S0149-2918(15)00162-9. doi: 10.1016/j.clinthera.2015.03.020. [Epub ahead of print]

McCullough JM, Zimmerman FJ, Rodriguez HP. Impact of clinical decision support on receipt of antibiotic prescriptions for acute bronchitis and upper respiratory tract infection. *J Am Med Inform Assoc*. 2014 Jul 7. pii: amiajnl-2014-002648. doi: 10.1136/amiajnl-2014-002648. [Epub ahead of print]

Mazer-Amirshahi M, Dewey K, Mullins PM, van den Anker J, Pines JM, Perrone J, Nelson L. Trends in opioid analgesic use for headaches in US EDs. *Am J Emerg Med.* 2014 Jul 10. pii: S0735-6757(14)00492-6. doi: 10.1016/j.ajem.2014.07.001. [Epub ahead of print]

Pallin DJ, Camargo CA Jr, Schuur JD. Skin infections and antibiotic stewardship: analysis of emergency department prescribing practices, 2007-2010. *West J Emerg Med.* 2014 May;15(3):282-9. doi: 10.5811/westjem.2013.8.18040. Epub 2014 Jan 6.

Okunseri C, Okunseri E, Xiang Q, Thorpe JM, Szabo A. Prescription of opioid and nonopioid analgesics for dental care in emergency departments: Findings from the National Hospital Ambulatory Medical Care Survey. *J Public Health Dent.* 2014 May 26. doi: 10.1111/jphd.12055. [Epub ahead of print]

Rasooly IR, Mullins PM, Mazer-Amirshahi M, van den Anker J, Pines JM. The Impact of Race on Analgesia Use among Pediatric Emergency Department Patients. *J Pediatr.* 2014 Jun 11. pii: S0022-3476(14)00417-X. doi: 10.1016/j.jpeds.2014.04.059. [Epub ahead of print]

Mazer-Amirshahi M, Mullins PM, van den Anker J, Meltzer A, Pines JM. Rising rates of proton pump inhibitor prescribing in US ED. *Am J Emerg Med.* 2014 Mar 21. pii: S0735-6757(14)00185-5. doi: 10.1016/j.ajem.2014.03.019. [Epub ahead of print]

Kaiser SV, Asteria-Penalosa R, Vittinghoff E, Rosenbluth G, Cabana MD, Bardach NS. National Patterns of Codeine Prescriptions for Children in the Emergency Department. *Pediatrics.* 2014 Apr 21. [Epub ahead of print]

Mazer-Amirshahi M, Mullins PM, Rasooly I, van den Anker J, Pines JM. Rising Opioid Prescribing in Adult U.S. Emergency Department Visits: 2001-2010. *Acad Emerg Med.* 2014 Mar;21(3):236-243. doi: 10.1111/acem.12328.

Mazer-Amirshahi M, Mullins PM, Rasooly IR, van den Anker J, Pines JM. Trends in Prescription Opioid Use in Pediatric Emergency Department Patients. *Pediatr Emerg Care.* 2014 Mar 19. [Epub ahead of print]

Jeffrey Kao MC, Minh LC, Huang GY, Mitra R, Smuck M. Trends in Ambulatory Physician Opioid Prescription In The United States, 1997-2009. *PM R.* 2014 Jan 9. pii: S1934-1482(14)00012-4. doi: 10.1016/j.pmrj.2013.12.015. [Epub ahead of print]

Filson CP, Wei JT, Hollingsworth JM. Trends in medical management of men with lower urinary tract symptoms suggestive of benign prostatic hyperplasia. *Urology.* 2013 Dec;82(6):1386-93. doi: 10.1016/j.urology.2013.07.062. Epub 2013 Oct 23

Filbin MR, Arias SA, Camargo CA Jr, Barche A, Pallin DJ. Sepsis Visits and Antibiotic Utilization in U.S. Emergency Departments. *Crit Care Med.* 2013 Nov 6. [Epub ahead of print]

Mittal M, Harrison DL, Miller MJ, Brahm NC. National antidepressant prescribing in children and adolescents with mental health disorders after an FDA boxed warning. *Res Social Adm Pharm.* 2013 Nov 20. pii: S1551-7411(13)00242-8. doi: 10.1016/j.sapharm.2013.11.001. [Epub ahead of print]

Joynt M, Train MK, Robbins BW, Halterman JS, Caiola E, Fortuna RJ. The Impact of Neighborhood Socioeconomic Status and Race on the Prescribing of Opioids in Emergency Departments Throughout the United States. *J Gen Intern Med.* 2013 Jun 25. [Epub ahead of print]

Tay KY, Ewald MB, Bourgeois FT. Use of QT-prolonging medications in US emergency departments, 1995-2009. *Pharmacoepidemiol Drug Saf.* 2013 May 21. doi: 10.1002/pds.3455. [Epub ahead of print]

Smith SS, Kern RC, Chandra RK, Tan BK, Evans CT. Variations in Antibiotic Prescribing of Acute Rhinosinusitis in United States Ambulatory Settings. *Otolaryngol Head Neck Surg.* 2013 Mar 5. [Epub ahead of print]

Rotman SR, Bishop TF. Proton pump inhibitor use in the U.S. Ambulatory setting, 2002-2009. *PLoS One.* 2013;8(2):e56060. doi: 10.1371/journal.pone.0056060. Epub 2013 Feb 13.

Simon AE, Akinbami LJ. Receipt of systemic corticosteroids during asthma visits to U.S. Emergency Departments, 2007-2009. *J Asthma.* 2013 Feb 12. [Epub ahead of print]

Karve S, Levine D, Seiber E, Nahata M, Balkrishnan R. Trends in Ambulatory Prescribing of Antiplatelet Therapy among US Ischemic Stroke Patients: 2000-2007. *Adv Pharmacol Sci.* 2012;2012:846163. doi: 10.1155/2012/846163. Epub 2012 Dec 5.

Pham TT, Miller MJ, Harrison DL, Lloyd AE, Crosby KM, Johnson JL. Cardiovascular disease and non-steroidal anti-inflammatory drug prescribing in the midst of evolving guidelines. *J Eval Clin Pract.* 2012 Nov 19. doi: 10.1111/jep.12014. [Epub ahead of print]

Tran AR, Zito JM, Safer DJ, Hundley SD. National Trends in Pediatric Use of Anticonvulsants. *Psychiatr Serv.* 2012 Sep 15. doi: 10.1176/appi.ps.201100547. [Epub ahead of print]

Goldman JL, Jackson MA, Herigon JC, Hersh AL, Shapiro DJ, Leeder JS. Trends in Adverse Reactions to Trimethoprim-Sulfamethoxazole. *Pediatrics.* 131(1):e103-e108. Jan 2013. 2012 Dec 3. [Epub ahead of print]

Shedd GC, Evans DD. Inhaled corticosteroid prescribing from the emergency department for children with asthma. *Adv Emerg Nurs J.* 2012 Oct;34(4):290-9. doi: 10.1097/TME.0b013e31826e4bb9.

Weingart GS, Carlson JN, Callaway CW, Frank R, Wang HE. Estimates of sedation in patients undergoing endotracheal intubation in US EDs. *Am J Emerg Med.* 2012 Jul 4. [Epub ahead of print]

Okunseri C, Okunseri E, Thorpe JM, Xiang Q, Szabo A. Medications prescribed in emergency departments for nontraumatic dental condition visits in the United States. *Med Care.* 2012 Jun;50(6):508-12.

George MG, Tong X, Sonnenfeld N, Hong Y; Division for Heart Disease and Stroke Prevention, National Center for Chronic Disease Prevention and Health Promotion. Recommended use of aspirin and other antiplatelet medications among adults - national ambulatory medical care survey and national hospital ambulatory medical care survey, United States, 2005-2008. *MMWR Surveill Summ.* 2012 Jun 15;61(2):11-8.

Neuman MI, Ting SA, Meydani A, Mansbach JM, Camargo CA Jr. National study of antibiotic use in emergency department visits for pneumonia, 1993 through 2008. *Acad Emerg Med.* 2012 May;19(5):562-8. doi: 10.1111/j.1553-2712.2012.01342.x.

Desai RJ, Agarwal SJ, Aparasu RR. Drug use trends for arthritis and other rheumatic conditions and effect of patient's age on treatment choice. *N C Med J.* 2011 Nov-Dec;72(6):432-8.

Dorn SD, Meek PD, Shah ND. Increasing Frequency of Opioid Prescriptions for Chronic Abdominal Pain in U.S. Outpatient Clinics. *Clin Gastroenterol Hepatol.* 2011 Aug 17. [Epub ahead of print]

Garro AC, Asnis L, Merchant RC, McQuaid EL. Frequency of prescription of inhaled corticosteroids to children with asthma in u.s. Emergency departments. *Acad Emerg Med.* 2011 Jul;18(7):767-70. doi: 10.1111/j.1553-2712.2011.01117.x.

Chen SY, Toh S. National trends in prescribing antidepressants before and after an FDA advisory on suicidality risk in youths. *Psychiatr Serv.* 2011 Jul;62(7):727-33.

Paul IM, Maselli JH, Hersh AL, Boushey HA, Nielson DW, Cabana MD. Antibiotic Prescribing During Pediatric Ambulatory Care Visits for Asthma. *Pediatrics.* 2011 May 23. [Epub ahead of print]

Zehtabchi S, Yadav K, Brothers E, Khan F, Singh S, Wilcoxson RD, Malhotra S. Prophylactic antibiotics for simple hand lacerations: Time for a clinical trial? *Injury.* 2011 May 20. [Epub ahead of print]

Sarkar U, López A, Maselli JH, Gonzales R. Adverse Drug Events in U.S. Adult Ambulatory Medical Care. *Health Serv Res.* 2011 May 10. doi: 10.1111/j.1475-6773.2011.01269.x. [Epub ahead of print]

Copp HL, Shapiro DJ, Hersh AL. National Ambulatory Antibiotic Prescribing Patterns for Pediatric Urinary Tract Infection, 1998-2007. *Pediatrics.* 2011 May 9. [Epub ahead of print]

Simon LJ, Bizamcer AN, Lidz CW, Stefan S, Pletcher MJ. Disparities in opioid prescribing for patients with psychiatric diagnoses presenting with pain to the emergency department. *Emerg Med J.* 2011 Feb 18. [Epub ahead of print]

Manthripragada AD, Zhou EH, Budnitz DS, Lovegrove MC, Willy ME. Characterization of acetaminophen overdose-related emergency department visits and hospitalizations in the United States. *Pharmacoepidemiol Drug Saf.* 2011 Feb 3. doi: 10.1002/pds.2090. [Epub ahead of print]

Iyer RG. Pain Documentation and Predictors of Analgesic Prescribing for Elderly Patients During Emergency Department Visits. *J Pain Symptom Manage.* 2010 Oct 20. [Epub ahead of print]

Hong SY, Taur Y, Jordan MR, Wanke C. Antimicrobial prescribing in the USA for adult acute pharyngitis in relation to treatment guidelines. *J Eval Clin Pract*. 2010 Jun 25. [Epub ahead of print]

Moser A, Segars LW. Assessment of antihyperlipidemic therapy in US patients with coronary heart disease. *J Am Osteopath Assoc*. 2010 Jun;110(6):331-9.

William J. Meurer, Tommy A. Potti, Kevin A. Kerber, Comilla Sasson, Michelle L. Macy, Brady T. West, Eve D. Losman. Potentially Inappropriate Medication Utilization in the Emergency Department Visits by Older Adults: Analysis From a Nationally Representative Sample (p 231-237) Published Online: Mar 1 2010 11:59AM

Cheung R, Mannalithara A, Singh G. Utilization and Antiviral Therapy in Patients with Chronic Hepatitis C: Analysis of Ambulatory Care Visits in the US. *Dig Dis Sci*. 2010 Feb 26. [Epub ahead of print]

Burris HH, Werler MM. U.S. Provider Reported Folic Acid or Multivitamin Ordering for Non-Pregnant Women of Childbearing Age: NAMCS and NHAMCS, 2005-2006. *Matern Child Health J*. 2010 Mar 5. [Epub ahead of print]

Hsieh YH, Chen KF, Gaydos CA, Rothman RE, Kelen GD. Antiviral prescriptions to U.S. ambulatory care visits with a diagnosis of influenza before and after high level of adamantane resistance 2005-06 season. *PLoS One*. 2010 Jan 28;5(1):e8945.

Hollingsworth JM, Davis MM, West BT, Wolf JS Jr, Hollenbeck BK. Trends in Medical Expulsive Therapy Use for Urinary Stone Disease in U.S. Emergency Departments. *Urology*. 2009 Oct 5. [Epub ahead of print]

Bourgeois FT, Mandl KD, Valim C, Shannon MW. Pediatric adverse drug events in the outpatient setting: an 11-year national analysis. *Pediatrics*. 2009 Oct;124(4):e744-50. Epub 2009 Sep 28.

Aparasu RR, Jano E, Bhatara V. Concomitant antipsychotic prescribing in US outpatient settings. *Res Social Adm Pharm*. 2009 Sep;5(3):234-41. Epub 2009 Jan 21.

Grijalva CG, Nuorti JP, Griffin MR. Antibiotic Prescription Rates for Acute Respiratory Tract Infections in US Ambulatory Settings. *JAMA*. 2009;302(7):758-766.

Niska R, Han B. Statins for secondary cardiovascular disease prevention for older primary care patients. *J Natl Med Assoc*. 2009 Jul;101(7):705-10.

Wilson RD. Analgesic prescribing for musculoskeletal complaints in the ambulatory care setting after the introduction and withdrawal of cyclooxygenase-2 inhibitors. *Arch Phys Med Rehabil*. 2009 Jul;90(7):1147-51.

Coco AS, Horst MA, Gambler AS. Trends in broad-spectrum antibiotic prescribing for children with acute otitis media in the United States, 1998-2004. *BMC Pediatr*. 2009 Jun 24;9(1):41. [Epub ahead of print]

Caterino JM, Weed SG, Espinola JA, Camargo Jr CA. National Trends in Emergency Department Antibiotic Prescribing for Elders with Urinary Tract Infection, 1996-2005. *Acad Emerg Med*. 2009 Feb 24. [Epub ahead of print]

Vanderweil SG et al. Inappropriate Use of Antibiotics for Acute Asthma in United States Emergency Departments. *Academic Emergency Medicine*. 15(8): 736 - 743. Published Online: 8 Jul 2008.

Shehab N, Patel PR, Srinivasan A, Budnitz DS. Emergency department visits for antibiotic-associated adverse events. *Clin Infect Dis*. 2008 Sep 15;47(6):735-43.

Wisniewski AM, Purdy CH, Blondell RD. The epidemiologic association between opioid prescribing, non-medical use, and emergency department visits. *J Addict Dis*. 2008;27(1):1-11.

Pletcher MJ, Kertesz SG, Kohn MA, Gonzales R. Trends in Opioid Prescribing by Race/Ethnicity for Patients Seeking Care in US Emergency Departments *JAMA*. 2008;299(1):70-78.

Budnitz DS, Shehab N, Kegler SR, Richards CL. Medication use leading to emergency department visits for adverse drug events in older adults. *Ann Intern Med*. 2007 Dec 4;147(11):755-65. Summary for patients in: *Ann Intern Med*. 2007 Dec 4;147(11):I24.

Aparasu R, Baer R, Aparasu A. Clinically important potential drug-drug interactions in outpatient settings. *Res Social Adm Pharm*. 2007 Dec;3(4):426-37.

Fischer T, Singer AJ, Lee C, Thode HC Jr. National trends in emergency department antibiotic prescribing for children with acute otitis media, 1996-2005. *Acad Emerg Med.* 2007 Dec;14(12):1172-5.

Bhatara VS, Aparasu RR. Pharmacotherapy with Atomoxetine for US Children and Adolescents. *Ann Clin Psychiatry.* 2007 Jul-Sep;19(3):175-80.

Sankaranarayanan J, Puumala SE. Antipsychotic use at adult ambulatory care visits by patients with mental health disorders in the United States, 1996-2003: National estimates and associated factors. *Clin Ther.* 2007 Apr;29(4):723-41.

Vanderweil SG, Pelletier AJ, Hamedani AG, Gonzales R, Metlay JP, Camargo CA Jr. Declining Antibiotic Prescriptions for Upper Respiratory Infections, 1993-2004. *Acad Emerg Med.* 2007 Feb 12; [Epub ahead of print]

Aparasu RR, Bhatara V. Patterns and determinants of antipsychotic prescribing in children and adolescents, 2003-2004. *Curr Med Res Opin.* 2007 Jan;23(1):49-56.

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

Wait Time for Treatment in Hospital Emergency Departments: 2009 [Data Brief No. 102]

7b. OTHER CHARACTERISTICS OF HOSPITAL OUTPATIENT AND EMERGENCY DEPARTMENT VISITS - JOURNAL ARTICLES USING NHAMCS DATA

Galarraga JE, Pines JM. Costs of ED episodes of care in the United States. *Am J Emerg Med.* 2015 Jun 6. pii: S0735-6757(15)00465-9. doi: 10.1016/j.ajem.2015.06.001. [Epub ahead of print]

Hudgins JD, Fine AM, Bourgeois FT. Effect of Randomized Clinical Trial Findings on Emergency Management. *Acad Emerg Med.* 2016 Jan;23(1):36-47. doi: 10.1111/acem.12840. Epub 2015 Dec 31.

Kanzaria HK, Probst MA, Hsia RY. Emergency Department Death Rates Dropped By Nearly 50 Percent, 1997–2011. *Health Affairs* 35, No. 7(2016):1303-1308. doi: 10.1377/hlthaff.2015.1394

Moe J, Belsky JB. Comparing patients who leave the ED prematurely, before vs after medical evaluation: a National Hospital Ambulatory Medical Care Survey analysis. *Am J Emerg Med.* 2016 Jan 26. pii: S0735-6757(16)00025-5. doi: 10.1016/j.ajem.2016.01.015. [Epub ahead of print]

Galarraga JE, Pines JM. Costs of ED episodes of care in the United States. *Am J Emerg Med.* 2015 Jun 6. pii: S0735-6757(15)00465-9. doi: 10.1016/j.ajem.2015.06.001. [Epub ahead of print]

Hudgins JD, Fine AM, Bourgeois FT. Effect of Randomized Clinical Trial Findings on Emergency Management. *Acad Emerg Med.* 2016 Jan;23(1):36-47. doi: 10.1111/acem.12840. Epub 2015 Dec 31.

Blecker S, Gavin NP, Park H, Ladapo JA, Katz SD. Observation Units as Substitutes for Hospitalization or Home Discharge. *Ann Emerg Med.* 2015 Nov 24. pii: S0196-0644(15)01424-9. doi: 10.1016/j.annemergmed.2015.10.025. [Epub ahead of print]

Urban RW, Mumba M, Martin SD, Glowicz J, Cipher DJ. Modified Early Warning System as a Predictor for Hospital Admissions and Previous Visits in Emergency Departments. *Adv Emerg Nurs J.* 2015 Oct-Dec;37(4):281-9. doi: 10.1097/TME.0000000000000076.

Capp R, Sun B, Boatright D, Gross C. The impact of emergency department observation units on United States emergency department admission rates. *J Hosp Med.* 2015 Nov;10(11):738-42. doi: 10.1002/jhm.2447.

Muthusamy AK, Cappell MS, Manickam P, Levine DL. Risk factors for discharge against medical advice in patients with UGI bleeding or abdominal pain: a study of 170 discharges against medical advice among 11,996 emergency department visits. *Minerva Gastroenterol Dietol.* 2015 Dec;61(4):185-190.

Rominger AH, Smith MJ, Stevenson MD. Emergency Medical Services System Utilization Over the Last 10 Years: What Predicts Transport of Children? *Pediatr Emerg Care.* 2015 Apr 14. [Epub ahead of print]

Watts SH, David Bryan E, Tarwater PM. Changes in insurance status and emergency department visits after the 2008 economic downturn. *Acad Emerg Med.* 2015 Jan;22(1):73-80. doi: 10.1111/acem.12553. Epub 2014 Dec 24.

Napoli AM, Mullins PM, Pines JM. Predictors of hospital admission after ED observation unit care. *Am J Emerg Med.* 2014 Aug 23. pii: S0735-6757(14)00593-2. doi: 10.1016/j.ajem.2014.08.039. [Epub ahead of print]

Mann NC, Kane L, Dai M, Jacobson K. Description of the 2012 NEMSIS Public-Release Research Dataset. *Prehosp Emerg Care.* 2014 Oct 7. [Epub ahead of print] [study compared results to NHAMCS]

Kanzaria HK, Probst MA, Ponce NA, Hsia RY. The association between advanced diagnostic imaging and ED length of stay. *Am J Emerg Med.* 2014 Aug 7. pii: S0735-6757(14)00532-4. doi: 10.1016/j.ajem.2014.07.038. [Epub ahead of print]

Taylor J, Uchino K, Hussain MS, Carlson JN. Factors associated with delayed evaluation of patients with potential stroke in US EDs. *Am J Emerg Med.* 2014 Aug 27. pii: S0735-6757(14)00601-9. doi: 10.1016/j.ajem.2014.08.047. [Epub ahead of print]

Nolan JM, Fee C, Cooper BA, Rankin SH, Blegen MA. Psychiatric Boarding Incidence, Duration, and Associated Factors in United States Emergency Departments. *J Emerg Nurs.* 2014 Jul 14. pii: S0099-1767(14)00205-0. doi: 10.1016/j.jen.2014.05.004. [Epub ahead of print]

Capp R, Ross JS, Fox JP, Wang Y, Desai MM, Venkatesh AK, Krumholz HM. Hospital variation in risk-standardized hospital admission rates from US EDs among adults. *Am J Emerg Med.* 2014 Mar 28. pii: S0735-6757(14)00221-6. doi: 10.1016/j.ajem.2014.03.033. [Epub ahead of print]

Pitts SR, Vaughns FL, Gautreau MA, Cogdell MW, Meisel Z. A Cross-sectional Study of Emergency Department Boarding Practices in the United States. *Acad Emerg Med.* 2014 May;21(5):497-503. doi: 10.1111/acem.12375.

Riguzzi C, Hern HG, Vahidnia F, Herring A, Alter H. The July effect: is emergency department length of stay greater at the beginning of the hospital academic year? *West J Emerg Med.* 2014 Feb;15(1):88-93. doi: 10.5811/westjem.2013.10.18123.

Honigman LS, Wiler JL, Rooks S, Ginde AA. National Study of Non-urgent Emergency Department Visits and Associated Resource Utilization. *West J Emerg Med.* 2013 Nov;14(6):609-16. doi: 10.5811/westjem.2013.5.16112.

Horeczko T, Marcin JP, Kahn JM, Sapien RE; on behalf of the Consortium Of Regionalization Efforts in Emergency Medical Services for Children (CORE-EMSC). Urban and Rural Patterns in Emergent Pediatric Transfer: A Call for Regionalization. *J Rural Health.* 2013 Oct 25. doi: 10.1111/jrh.12051. [Epub ahead of print]

Nacht J, Macht M, Ginde AA. Interhospital transfers from u.s. Emergency departments: implications for resource utilization, patient safety, and regionalization. *Acad Emerg Med.* 2013 Sep;20(9):888-93. doi: 10.1111/acem.12209. Epub 2013 Aug 27.

Mullins, Peter M; Goyal, Munish; Pines, Jesse M. National Growth in Intensive Care Unit Admissions From Emergency Departments in the United States from 2002 to 2009. *Academic Emergency Medicine* 20. 5 (May 2013): 479.

Herring AA, Ginde AA, Fahimi J, Alter HJ, Maselli JH, Espinola JA, Sullivan AF, Camargo CA Jr. Increasing critical care admissions from U.S. Emergency departments, 2001-2009*. *Crit Care Med.* 2013 May;41(5):1197-204. doi: 10.1097/CCM.0b013e31827c086f.

Green SM. Congruence of Disposition After Emergency Department Intubation in the National Hospital Ambulatory Medical Care Survey. *Ann Emerg Med.* 2012 Oct 25. doi:pii: S0196-0644(12)01543-0. 10.1016/j.annemergmed.2012.09.010. [Epub ahead of print]

Kocher KE, Meurer WJ, Desmond JS, Nallamotheu BK. Effect of testing and treatment on emergency department length of stay using a national database. *Acad Emerg Med.* 2012 May;19(5):525-34. doi: 10.1111/j.1553-2712.2012.01353.x.

Durant E, Fahimi J. Factors Associated with Ambulance Use among Patients with Low-Acuity Conditions. *Prehosp Emerg Care.* 2012 Apr 11. [Epub ahead of print]

Hooman Kamel, Babak B. Navi, Jahan Fahimi. National Trends in Ambulance Use by Patients With Stroke, 1997-2008. *JAMA.* 2012;307(10):1026-1028. doi: 10.1001/jama.2012.285

Fee C, Burstin H, Maselli JH, Hsia RY. Association of emergency department length of stay with safety-net status. *JAMA.* 2012 Feb 1;307(5):476-82.

Weaver MD, Moore CG, Patterson PD, Yealy DM. Medical Necessity in Emergency Medical Services Transports. *Am J Med Qual.* 2011 Dec 27. [Epub ahead of print]

- Faul M, Wald MM, Sullivent EE, Sasser SM, Kapil V, Lerner EB, Hunt RC. Large Cost Savings Realized From The 2006 Field Triage Guideline: Reduction in Overtriage in U.S. Trauma Centers. *Prehosp Emerg Care*. 2011 Oct 18. [Epub ahead of print]
- Meisel ZF, Pines JM, Polsky D, Metlay JP, Neuman MD, Branas CC. Variations in Ambulance Use in the United States: The Role of Health Insurance. *Acad Emerg Med*. 2011 Oct;18(10):1036-1044. doi: 10.1111/j.1553-2712.2011.01163.x.
- Venkatesh AK, Geisler BP, Gibson Chambers JJ, Baugh CW, Bohan JS, Schuur JD. Use of Observation Care in US Emergency Departments, 2001 to 2008. *PLoS One*. 2011;6(9):e24326. Epub 2011 Sep 14.
- Wiler JL, Ross MA, Ginde AA. National study of emergency department observation services. *Acad Emerg Med*. 2011 Sep;18(9):959-65. doi: 10.1111/j.1553-2712.2011.01151.x. Epub 2011 Aug 30.
- Pham JC, Kirsch TD, Hill PM, Deruggerio K, Hoffmann B. Seventy-two-hour Returns May Not be a Good Indicator of Safety in the Emergency Department: A National Study. *Acad Emerg Med*. 2011 Apr;18(4):390-7. doi: 10.1111/j.1553-2712.2011.01042.x.
- Slade EP, Dixon LB, Semmel S. Trends in the duration of emergency department visits, 2001-2006. *Psychiatr Serv*. 2010 Sep;61(9):878-84.
- Wheeler E, Hardie T, Klemm P, Akanji I, Schonewolf E, Scott J, Sterling B. Level of pain and waiting time in the emergency department. *Pain Manag Nurs*. 2010 Jun;11(2):108-14. Epub 2009 Sep 18.
- Pham JC, Ho GK, Hill PM, McCarthy ML, Pronovost PJ. National study of patient, visit, and hospital characteristics associated with leaving an emergency department without being seen: predicting LWBS. *Acad Emerg Med*. 2009 Oct;16(10):949-55.
- Herring A, Wilper A, Himmelstein DU, Woolhandler S, Espinola JA, Brown DF, Camargo Jr CA. Increasing Length of Stay Among Adult Visits to U.S. Emergency Departments, 2001-2005. *Acad Emerg Med*. 2009 Jun 15. [Epub ahead of print]
- Wu BU, Banks PA, Conwell DL. Disparities in Emergency Department Wait Times for Acute Gastrointestinal Illnesses: Results From the National Hospital Ambulatory Medical Care Survey, 1997-2006. *Am J Gastroenterol*. 2009 May 12. [Epub ahead of print]
- Carr BG, Hollander JE, Baxt WG, Datner EM, Pines JM. Trends in boarding of admitted patients in US emergency departments 2003–2005. *J Emerg Med*. 2009 Jan 5. [Epub ahead of print] doi:10.1016/j.jemermed.2008.04.035
- Wilper AP, Woolhandler S, Lasser KE, McCormick D, Cutrona SL, Bor DH, Himmelstein DU. Waits To See An Emergency Department Physician: U.S. Trends And Predictors, 1997-2004. *Health Affairs* (Published online January 15, 2008)
- Wittels KA, Pelletier AJ, Brown DF, Camargo Jr CA. United States emergency department visits for vaginal bleeding during early pregnancy, 1993-2003. *Am J Obstet Gynecol*. 2008 Jan 11 [Epub ahead of print]
- Rodriguez GJ, Nasar A, Suri MF, Ezzeddine MA, Qureshi AI. Neuroimaging in Stroke and Seizure As Neurological Emergencies (NISSAN) Study. *J Neuroimaging*. 2008 Jan;18(1):9-14.
- Bennett KJ, Moore CG, Probst JC. Estimating uncompensated care charges at rural hospital emergency departments. *J Rural Health*. 2007 Summer;23(3):258-63
- Sun BC, Binstadt ES, Pelletier A, Camargo CA Jr. Characteristics and temporal trends of "left before being seen" visits in US Emergency Departments, 1995-2002. *J Emerg Med*. 2007 Feb;32(2):211-5. Epub 2007 Jan 18.

8a. METHODOLOGY - NCHS REPORTS

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

8b. METHODOLOGY – JOURNAL ARTICLES USING NHAMCS DATA

Dugas AF, Kirsch TD, Toerper M, Korley F, Yenokyan G, France D, Hager D, Levin S. An Electronic Emergency Triage System to Improve Patient Distribution by Critical Outcomes. *J Emerg Med*. 2016 Apr 25. pii: S0736-4679(16)00152-9. doi: 10.1016/j.jemermed.2016.02.026. [Epub ahead of print]

Note: The next study did not directly analyze NHAMCS data, but used 2008 NHAMCS-ED data to construct an average length of stay for use with their analysis of collected daily “door to room” interval averages from the ED information system, Meditech:

Krall SP, Cornelius AP, Addison JB. Hospital Factors Impact Variation in Emergency Department Length of Stay more than Physician Factors. *West J Emerg Med.* 2014 Mar;15(2):158-64. doi: 10.5811/westjem.2013.12.6860.

He Y, Selck F, Normand SL. On the accuracy of classifying hospitals on their performance measures. *Stat Med.* 2013 Oct 13. doi: 10.1002/sim.6012. [Epub ahead of print]

McNaughton CD, Self WH, Pines JM. Observational health services studies using nationwide administrative data sets: understanding strengths and limitations of the national hospital ambulatory medical care survey: Answers to the May 2013 journal club questions. *Ann Emerg Med.* 2013 Oct;62(4):425-30. doi: 10.1016/j.annemergmed.2013.07.498.

McNaughton CD, Parnell J, Barrett TW. Details in operational definitions of length of visit and boarding variables in the national hospital ambulatory medical care survey. *Ann Emerg Med.* 2013 Nov;62(5):548-9. doi: 10.1016/j.annemergmed.2013.02.032. No abstract available.

Pitts SR. Medical Records, Chart Reviews, and NHAMCS: Becoming the Lords of All That We Survey. *Ann Emerg Med*, In Press, Corrected Proof, Available online 6 April 2013.

McNaughton CD, Self WH. Observational Health Services Studies Using Nationwide Administrative Datasets: Understanding Strengths and Limitations of the National Hospital Ambulatory Medical Care Survey (NHAMCS). *Ann Emerg Med.* 2013 May;61(5):593-4. doi: 10.1016/j.annemergmed.2013.03.011.

McCaig LF, Burt CW. Understanding and Interpreting the National Hospital Ambulatory Medical Care Survey: Key Questions and Answers. *Ann Emerg Med.* 2012 Oct 17. pii: S0196-0644(12)01195-X. doi: 10.1016/j.annemergmed.2012.07.010. [Epub ahead of print]

Wilson MP, Vilke GM, Govindarajan P, Itagaki MW. Emergency Physicians Research Common Problems in Proportion to their Frequency. *West J Emerg Med.* 2012 Sep;13(4):344-50. doi: 10.5811/westjem.2011.6.6722.

Diaz R, Behr JG, Tulpule M. A System Dynamics Model for Simulating Ambulatory Health Care Demands. *Simul Healthc.* 2012 Jun 20. [Epub ahead of print]

Alessandrini EA, Alpern ER, Chamberlain JM, Shea JA, Holubkov R, Gorelick MH; for the Pediatric Emergency Care Applied Research Network. Developing a Diagnosis-based Severity Classification System for Use in Emergency Medical Services for Children. *Acad Emerg Med.* 2012 Jan;19(1):70-78. doi: 10.1111/j.1553-2712.2011.01250.x.

Zhu M, Chu H, Greenland S. Biased standard errors from complex survey analysis: an example from applying ordinary least squares to the national hospital ambulatory medical care survey. *Ann Epidemiol.* 2011 Nov;21(11):830-4.

Zhu M, Chu H, Rice TM, Carter MW. Implications of Conducting Trend Analyses of Emergency Department Visits Using Publicly Released Masked Design Variables. *Ann Emerg Med.* 2011 Feb 8. [Epub ahead of print]

Qualls M, Pallin DJ, Schuur JD. Parametric versus nonparametric statistical tests: the length of stay example. *Acad Emerg Med.* 2010 Oct;17(10):1113-21. doi: 10.1111/j.1553-2712.2010.00874.x.

Hakenewerth AM, Waller AE, Ising AI, Tintinalli JE. North Carolina Disease Event Tracking and Epidemiologic Collection Tool (NC DETECT) and the National Hospital Ambulatory Medical Care Survey (NHAMCS): Comparison of Emergency Department Data. *Acad Emerg Med.* 2008 Dec 30. [Epub ahead of print]

Burt CW, Hing E. Making patient-level estimates from medical encounter records using a multiplicity estimator. *Stat Med.* 2007 Jan 15; [Epub ahead of print]

9a. FACILITY CHARACTERISTICS – JOURNAL ARTICLES USING NHAMCS DATA

Selck FW, Decker SL. Health Information Technology Adoption in the Emergency Department. *Health Serv Res.* 2015 Apr 8. doi: 10.1111/1475-6773.12307. [Epub ahead of print]

- Hossain L, Kit Guan DC. Modelling coordination in hospital emergency departments through social network analysis. *Disasters*. 2012 Apr;36(2):338-64. doi: 10.1111/j.0361-3666.2010.01260.x.
- Furukawa MF. Electronic Medical Records and the Efficiency of Hospital Emergency Departments. *Med Care Res Rev*. 2010 Jun 16. [Epub ahead of print]
- Landman AB, Bernstein SL, Hsiao AL, Desai RA. Emergency department information system adoption in the United States. *Acad Emerg Med*. 2010 May;17(5):536-44.
- Geisler BP, Schuur JD, Pallin DJ. Estimates of electronic medical records in U.S. emergency departments. *PLoS One*. 2010 Feb 17;5(2):e9274.
- Keyhani S, Hebert PL, Ross JS, Federman A, Zhu CW, Siu AL. Electronic health record components and the quality of care. *Med Care*. 2008 Dec;46(12):1267-72.
- Friedberg MW, Mehrotra A, Linder JA. Reporting hospitals' antibiotic timing in pneumonia: adverse consequences for patients? *Am J Manag Care*. 2009 Feb;15(2):137-44.
- Mathews SC, Kelen GD, Pronovost PJ, Pham JC. A National Study Examining Emergency Medicine Specialty Training and Quality Measures in the Emergency Department. *Am J Med Qual*. 2010 Aug 17. [Epub ahead of print]
- Brown DW, Young SL, Engalgau MM, Mensah GA. Evidence-based approach for disaster preparedness authorities to inform the contents of repositories for prescription medications for chronic disease management and control. *Prehosp Disaster Med*. 2008 Sep-Oct;23(5):447-57.
- Niska RW. Hospital collaboration with public safety organizations on bioterrorism response. *Prehosp Emerg Care*. 2008 Jan-Mar;12(1):12-7.
- Burt CW, Middleton KR. Factors Associated With Ability to Treat Pediatric Emergencies in US Hospitals. *Pediatric Emergency Care* 2007. 23(10). 681-689.