Florida Department of Health



Asthma Prevention and Control Program Asthma Surveillance Fact Sheet 2006-2009 Emergency Department Visit Rates

Introduction

This fact sheet provides emergency department (ED) visit rates in Florida. For the purpose of this analysis, only cases with the principal diagnosis as asthma were considered (determined by primary diagnosis code 493). The primary data sources were the Agency for Health Care Administration and FloridaCHARTS.com. Additional statistical reports on asthma in Florida can be found at http://www.doh.state.fl.us/environment/medicine/Asthma/.

For the period 2006-2009, the rate for asthma ED visits was 417.7 per 100,000 persons statewide. The rate of ED visits was higher than the state's rate of hospitalizations (417.7 vs. 148.4 per 100,000 respectively). Nationally, rates for ED visits are higher than overall hospitalization rates.

ED Visits Race/Ethnicity

Rates amongst Black non-Hispanic residents (976.2 per 100,000) were much higher than among White non-Hispanics (271.4 per 100,000), which is similar to the pattern seen in hospitalizations. Rates for ED visits for Hispanics, however, were higher than among White non-Hispanics at 380.6 per 100,000. This differs from the patterns seen in hospitalizations.

Of interest is that the rate among Hispanic residents in some of the larger counties was similar to the rate among White non-Hispanics. Overall, increased ED visits rates may reflect poorly controlled asthma and less access to primary preventive health care and management including lower rates of health care coverage. See Table 1 for specific rates by county.

ED Visits Sex/Age Group

Rates for ED visits among females exceeded rates among males (440.1 vs 394.4 per 100,000 respectively). This is similar to the pattern seen for hospitalization (183.3 versus 110.1 per 100,000). Additional disparity in rates between genders can be seen in some counties.

The highest rates of ED visits were among children age 0-4 (1,383.7 per 100,000) with the next highest rates seen among children age 5-17 (687.6 per 100,000). The national rate for children under 5 is 1,210 per 100,000. Although the age groups presented by national statistics are not directly comparable; highest rates among children is of concern in Florida and among national stakeholders. The lowest ED visit rates are among adults age 65 and older (98.2 per 100,000). This is in contrast to hospitalization where adults age 65 and older had one of the highest rates. Nationally there are 250 ED visits per 100,000 individuals 65 years of age and older. See Table 2 for specific rates by county.

Conclusion

The highest rates of emergency department visits from asthma appear amongst non-Hispanic blacks, women, and children aged four and under. Given the increased rates amongst these groups, it may be beneficial for future interventions to target these groups.

¹National statistics from: Niska R, Bhuiya F, Xu J. <u>National Hospital Ambulatory Medical Care Survey: 2007 Emergency Department Summary</u>. Hyattsville, MD: National Center for Health Statistics. 2010. http://www.cdc.gov/nchs/data/nhsr/nhsr026.pdf

Table 1: Asthma Emergency Department Visits Rates per 100,000 by Race/Ethnicity, 2006-2009 1,2

by Race/Ethnicity, 2006-2009 1/2											
County		Race/E									
	White non-Hispanic	Black non-Hispanic	Hispanic	Total ³							
Statewide	271.4	976.2	380.6	417.7							
Alachua	168.3	994.6	174.8	341.2							
Baker	495.1	1185.4	Suppressed	577.4							
Bay	409.4	1015.2	493.1	481.0							
Bradford	367.7	776.3	219.1	452.6							
Brevard	247.6	907.6	411.8	327.7							
Broward Calhoun	278.7	903.2	384.8	471.8 373.3							
Charlotte	352.8	420.3 676.6	642.2	273.9							
Citrus	246.6 253.5	494.6	203.3 324.0	262.1							
Clay	272.8	789.5	184.7	324.1							
Collier	166.9	274.9	352.6	231.8							
Columbia	428.9	1164.3	178.1	547.5							
DeSoto	466.7	988.7	245.4	458.7							
Dixie	148.5	353.7	Suppressed	172.9							
Duval	300.8	1230.0	329.9	599.5							
Escambia	331.6	1549.1	283.4	602.6							
Flagler	302.2	1017.4	499.6	395.4							
Franklin	490.9	861.8	Suppressed	537.4							
Gadsden	165.9	580.8	243.1	417.5							
Gilchrist	129.6	244.6	Suppressed	138.1							
Glades	137.7	1313.6	483.3	325.5							
Gulf	168.5	136.6	Suppressed	156.1							
Hamilton	367.6	740.7	163.2	489.4							
Hardee	479.0	1185.7	424.2	527.0							
Hendry	560.2	1614.8	337.5	607.5							
Hernando Highlands	288.3 290.4	824.3	511.8	348.5 412.1							
Hillsborough	250.7	1309.5 852.5	432.6 527.1	431.9							
Holmes	224.6	531.1	277.9	250.3							
Indian River	225.6	1067.7	283.9	311.0							
Jackson	213.4	696.4	149.0	348.7							
Jefferson	109.9	643.2	Suppressed	293.7							
Lafayette	223.3	795.4	Suppressed	314.8							
Lake	208.1	957.9	495.3	307.2							
Lee	265.6	956.0	270.0	326.4							
Leon	142.5	650.6	124.3	310.8							
Levy	204.1	724.1	203.9	265.2							
Liberty	464.6	577.4	643.9	491.2							
Madison	365.0	1184.1	337.3	685.3							
Manatee	216.6	946.2	252.8	298.1							
Marion Martin	303.0	1214.9	528.1	446.5							
Miami-Dade	173.0	875.7	417.3	237.4 426.3							
Monroe	362.8 250.2	832.4 1202.2	290.7 325.1	315.8							
Nassau	300.2	926.0	148.2	343.2							
Okaloosa	331.0	834.6	79.8	382.6							
Okeechobee	515.2	818.0	172.2	542.1							
Orange	212.2	795.2	656.4	454.4							
Osceola	285.5	821.0	584.5	565.3							
Palm Beach	201.1	970.2	209.8	344.7							
Pasco	317.0	899.0	388.7	354.5							
Pinellas	253.8	1444.0	405.3	400.3							
Polk	461.1	1472.3	893.3	685.9							
Putnam	521.2	1297.8	375.6	687.7							
St. Johns	227.7	1102.5	203.8	281.5							
St. Lucie	193.4	930.0	186.7	345.3							
Santa Rosa	327.1	659.2	77.1	332.8							
Sarasota	202.5	1412.8	389.8	274.1							
Seminole	151.0	892.1	478.9	297.6							
Sumter	138.0	437.2	141.4 414.1	173.8 524.2							
Suwannee Taylor	417.2 387.1	1297.9 1070.9	Suppressed	524.2							
Union	460.5	908.3	Suppressed	542.8							
Volusia	454.2	1810.3	Suppressed 864.4	638.1							
Wakulla	188.8	433.2	Suppressed	215.9							
Walton	246.0	518.5	113.9	275.0							
Washington	413.1	686.5	320.5	444.6							
¹ Data source: Agency for Hea											

Data source: Agency for Health Care Administration ED visits with primary diagnosis code '493'. Population: FloridaCHARTS.com

Rates were suppressed for counts less than 5

Total includes "other" and "unknown" race and ethnicity categories

Table 2: Asthma Emergency Department Visits Rates per 100,000 by Sex and Age Group, 2006-2009 1,2

Male Female O-4 5-17 18-84 \$5 and over Statewide \$304.4 401.1 1838.7 667.6 390.7 300.7 376.7 1013.1 550.8 294.1 99 392.3 302.3 507.4 982.9 001.2 496.0 119 380.8 392.3 507.4 982.9 001.2 496.0 119 380.8 392.3 507.4 982.9 001.2 496.0 119 380.8 392.3 507.4 982.9 001.2 496.0 119 380.8 392.3 307.1 781.1 522.6 330.7 77 380.0 408.0 119 380.0 300.3 300.	County			ge Group, 20		Proup	
Statewide	County			0-4			65 and over
Alechus	Statewide			_			98.2
Beker							91.8
Bay							280.4
Bradford 378.0 550.7 1628.9 763.4 532.4 107 Broward 495.1 479.2 1646.2 779.9 550.8 108 Calhoun 282.2 479.1 1646.2 779.9 550.8 108 Charlotte 236.4 308.3 819.3 439.7 334.7 66 Charlotte 236.4 308.3 819.3 439.7 334.7 66 Clay 288.0 366.2 277.2 460.8 258.8 137 College 231.5 232.1 972.3 421.4 1818.8 55 College 231.5 232.1 972.3 421.4 1818.8 55 College 231.5 232.1 972.3 421.4 1818.8 55 College 231.5 232.1 984.0 614.1 586.4 168.8 College 378.0 413.3 168.3 772.8 485.5 138.5 College 378.0 413.3 1688.3 772.8 371.5 94.7 Flagler 378.0 413.3 1688.3 772.8 371.5 94.7 Flagler 378.0 413.3 1688.3 772.8 371.5 94.7 Flagler 378.0 413.3 1688.3 772.8 371.5 94.7 Gadsden 376.9 455.0 1504.7 582.4 302.2 132.6 Galdsden 376.9 455.0 1504.7 582.4 302.2 132.6 Galdsden 376.9 455.0 1504.7 582.4 302.2 132.6 Galdsden 376.9 455.0 1504.7 682.4 302.0 132.6 Galdsden 376.9 456.0 1504.7 682.4 302.0 132.6 Galdsden 376.9 456.0 1504.7 682.4 302.0 132.6 Galdsden 376.9 456.0 1504.7 682.4 302.2 Galdsden 376.9 456.0 456							119.4
Breward	•						107.3
Calhoun 2822 479.1 1401.0 6504 285.3 190 Chalotte 2304 308.3 308.3 393.7 334.7 89 Citrus 211.9 308.5 674.6 448.3 302.0 83 Citrus 211.9 308.5 674.6 448.3 302.0 83 Collier 231.5 232.1 972.3 421.4 180.8 555 Collier 231.5 232.1 972.3 421.4 180.8 555 Collier 231.5 232.1 972.3 421.4 180.8 556 Collimbia 401.1 704.3 394.0 614.1 360.4 166 DeSoto 411.7 516.5 1325.7 812.1 366.7 160 Dixie 144.0 208.2 762.3 113.3 176.4 40 Dixie 587.4 611.0 1532.0 686.8 496.5 168 Escambia 584.0 620.7 2094.4 366.8 496.5 178 Escambia 584.0 620.7 2094.4 366.8 496.5 178 Flagler 376.0 413.3 1668.3 720.8 371.5 94 Flagler 376.0 455.0 1504.7 582.4 300.2 132 Glades 361.6 280.5 1408.6 550.3 211.0 240 Glades 361.6 280.5 1408.6 550.3 211.0 240 Glides 361.6 280.5 1408.6 550.3 211.0 240 Flaridion 260.5 814.9 774.4 644.3 470.7 213 Hardee 440.5 630.5 1233.1 623.0 644.3 470.7 213 Hardee 440.5 630.5 1233.1 633.6 633.5 123 Highlands 357.7 463.5 1225.0 633.5 633.5 633.3 121 Holmes 176.9 333.5 400.9 402.9 246.6 Supresson 402.8 372.2 966.6 610.7 298.8 90 Highlands 357.7 463.5 1225.0 636.6 610.7 298.8 90 Highlands 357.7 463.5 1225.0 636.6 610.7 298.8 90 Highlands 357.8 333.5 400.9 402.9 246.6 Supresson 402.8 372.2 966.6 610.7 928.8 90 Highlands 358.8 373.2 966.6 610.7 928.8 90 Highlands 346.8 346.8 346.9 346.9 346.9 346.9 346.9 346.9 346.9 346.9 346.9 346.9 346.9 346.9	Brevard						71.2
Charlotte	Broward	465.1	478.2	1646.2	779.9	350.8	108.9
Citrus 2119 308.5 674.6 446.3 302.6 83.6 Cilay 228.0 258.8 1537 Collier 231.5 232.1 972.3 421.4 180.8 555 Collier 231.5 232.1 982.3 113.3 176.4 160 Description 241.4 160 Collier 231.5 114.0 153.2 865.8 18	Calhoun	282.2	479.1	1401.0	559.4	285.3	160.4
Claly	Charlotte	236.4	308.3	819.3		334.7	69.7
Collier		211.9	308.5			302.6	83.4
Description							137.4
DeSido 44117 516.5 1325.7 812.1 386.7 180 Dixile 144.0 208.2 762.3 1133.3 176.4 40 Duval 587.4 611.0 1532.9 885.8 495.5 158 Escambia 584.0 620.7 2049.4 326.9 4862.2 173 Flagler 376.0 413.3 1658.3 720.8 371.5 94 Flagler 376.0 413.3 1658.3 720.8 371.5 94 Gadsden 376.9 455.0 1504.7 582.4 306.2 132 Glades 361.6 280.5 1408.5 550.3 221.0 202.6 Glades 361.6 280.5 1408.5 550.3 221.0 202.6 Glades 361.6 280.5 1408.5 550.3 221.0 202.6 Gulf 99.2 236.3 1618.2 251.5 130.4 40 Harnifon 280.5							55.9
Dixis							166.6
Duval S87.4 611.0 1532.9 866.8 495.5 158 Escambia S84.0 620.7 2049.4 926.9 488.2 173 158 159 158 159 158 159 158 159 158 159 158 159 158 159 158 159 158 159 158 159 158 159 158 159 158 159 158 159 158 159 158 159 158 159 159 158 159 158 159							160.9
Escambia S94.0 620.7 2049.4 926.9 468.2 173 Flagler 376.0 413.3 1685.3 720.8 371.5 94 97.5 94 97.5							40.4
Flagler							158.9
Franklin							173.6
Gardsden 376.9 455.0 1504.7 582.4 306.2 122 Glichrist 97.9 1815 518.3 219.7 111.6 Suppress Glades 361.6 280.5 1408.5 550.3 211.0 240 Gull 99.2 236.3 618.2 251.5 130.4 64 Hamilton 260.5 814.9 754.4 644.3 479.7 213 Hardee 440.5 630.5 1293.1 629.0 444.3 276 Henady 539.2 686.4 1593.2 904.1 423.8 238 Hernando 292.6 399.8 812.9 637.6 378.1 83 Highlands 357.7 463.5 1235.0 638.5 453.3 121 Hillsborough 403.1 489.5 1213.4 609.2 357.3 111 Holmes 176.9 333.5 480.9 402.9 246.0 Suppress Indian River <							94.9
Gilchrist 97.9 181.5 518.3 219.7 112.6 Suppress School 2010 240 2011 0 240 20							132.9
Glades							
Gulf 99.2 236.3 618.2 251.5 130.4 64.4 Hardlee 440.5 630.5 1283.1 629.0 444.3 276 Hendry 539.2 686.4 1593.2 904.1 423.8 238 Hernando 292.6 399.8 812.9 637.6 378.1 183 Highlands 357.7 463.5 1235.0 688.5 453.3 121 Hillsborough 403.1 459.5 1213.4 609.2 236.0 Suppress Hillsborough 176.9 333.5 480.9 402.9 246.0 Suppress Holmes 176.9 333.5 480.9 402.9 246.0 Suppress Jackson 328.6 373.2 996.6 610.7 298.8 80 Jackson 328.6 373.2 996.6 610.7 298.8 80 Jefferson 229.6 346.1 100.0 447.3 279.9 63 Jackse							240.1
Hamilton							64.3
Hardee							213.3
Hendry							276.9
Highlands	Hendry	539.2					238.3
Hillsbrorugh		292.6	399.8	812.9	637.6	378.1	83.3
Holmes		357.7	463.5	1235.0	638.5	453.3	121.0
Indian River							111.0
Jackson 328.6 373.2 996.6 610.7 298.8 80 Jefferson 209.6 366.6 754.5 376.3 279.5 112 Lafayette 257.6 414.1 1000.6 487.3 240.2 282 Lake 265.8 346.5 906.8 552.4 297.9 63 Lee 296.6 355.0 1278.5 592.0 271.4 61 Leon 278.8 340.1 939.7 469.3 250.3 130 Levy 230.6 297.8 973.3 411.0 225.0 48 Liberty 370.6 678.7 2452.9 677.0 353.7 ypress Madison 638.4 737.5 3015.3 1164.7 452.3 2212 Mantale 281.1 314.3 992.0 450.6 278.2 70 Marion 442.9 449.9 1318.4 806.0 422.2 25 Mariin 194.8 27			333.5	480.9			Suppressed
Jefferson 209.6 386.6 754.5 376.3 279.5 112 Lafayette 257.6 414.1 1000.6 487.3 240.2 282 Lake 265.8 346.5 996.8 552.4 297.9 63 Lee 296.6 355.0 1278.5 592.0 271.4 61 Leon 278.8 340.1 939.7 469.3 250.3 130 Levy 230.6 297.8 973.3 411.0 225.0 48 Liberty 370.6 678.7 2452.9 677.0 353.7 Suppress Madison 638.4 737.5 3015.3 1164.7 452.3 212 Manatee 281.1 314.3 992.0 450.6 278.2 70 Marion 442.9 449.9 1318.4 806.0 247.1 99 Miami-Dade 463.8 391.3 1889.4 818.9 227.5 103 Monroe 290.1 344.2 942.5 500.0 288.9 108 Massau 317.3 368.4 1017.8 567.5 284.2 82 Okaloosa 316.1 448.9 760.2 458.7 360.8 205 Okeechobee 404.3 698.8 1471.4 531.1 563.3 121 Orange 425.4 433.0 1122.2 771.0 351.8 135 Oscoela 498.4 631.6 1100.5 782.1 502.2 177 Palm Beach 332.2 356.5 1334.3 568.7 283.1 586.8 75 Pinellas 368.2 439.7 1326.2 727.9 365.6 68 Pulmam 564.6 807.3 1380.8 791.1 718.1 279 St. Johns 244.6 316.9 847.7 443.2 241.7 97 Summer 143.7 208.1 788.7 330.8 244.7 77 Summer 143.7 208.1 788.7 330.3 340.5 369.9 140 Pulmam 564.6 807.3 1390.8 791.1 718.1 279 St. Johns 244.6 316.9 847.7 443.2 241.7 97 Summer 143.7 208.1 768.7 337.3 172.2 42 Sumannee 444.0 606.5 102.1 730.2 523.2 200 Taylor 423.6 653.5 1334.1 511.7 515.5 213 Walton 239.8 311.2 747.8 474.8 240.7 930 Walton 239.8 311.2 747.8 474.8 240.7 930 Walton 236.3 346.3 556.5 1034.3 559.3 412.0 229							88.1
Lafayette 257.6 414.1 1000.6 487.3 240.2 282 Lake 265.8 346.5 906.8 552.4 297.9 63 Lee 296.6 355.0 1278.5 592.0 271.4 61 Leon 278.8 340.1 939.7 489.3 250.3 130 Levy 230.6 297.8 973.3 411.0 225.0 48 Liberty 370.6 678.7 2452.9 677.0 353.7 Suppress Madison 638.4 737.5 3015.3 1164.7 452.3 212 Mantee 281.1 314.3 992.0 450.6 278.2 70 Marion 442.9 449.9 1318.4 806.0 423.2 85 Marin 194.8 278.1 639.5 360.0 247.1 99 Miami-Dade 463.8 391.3 188.4 818.9 227.5 103 Mornoe 290.1 344							80.5
Lake 265.8 346.5 906.8 552.4 297.9 63 Lee 296.6 355.0 1278.5 592.0 271.4 61 Leon 278.8 355.0 1278.5 592.0 271.4 61 Leon 278.8 340.1 393.7 469.3 250.3 130 Liberty 370.6 678.7 2452.9 677.0 353.7 Suppress Madison 638.4 737.5 3015.3 11164.7 452.3 212 Marian 638.4 737.5 3015.3 1164.7 452.3 212 Marion 442.9 449.9 1318.4 806.0 272.2 85 Martin 194.8 278.1 639.5 360.0 247.1 39 Miami-Dade 463.8 391.3 1889.4 818.9 227.5 103 Monroe 290.1 344.2 942.5 500.0 288.9 108 Nassau 317.3							112.7
Lee 296.6 355.0 1278.5 592.0 271.4 61 Leon 278.8 340.1 939.7 469.3 250.3 130 Levy 230.6 297.8 973.3 411.0 225.0 48 Liberty 370.6 678.7 2452.9 677.0 353.7 Suppress Macilson 638.4 737.5 3015.3 1164.7 452.3 212 Manatee 281.1 314.3 992.0 450.6 278.2 70 Marion 442.9 449.9 1318.4 806.0 423.2 85 Martin 194.8 278.1 639.5 360.0 247.1 39 Miami-Dade 468.8 391.3 1889.4 818.9 227.5 103 Marsau 317.3 368.4 1017.8 567.5 284.2 82 Okaloosa 316.1 448.9 760.2 458.7 360.8 205 Okeachabee 404.3							282.8
Leon 278.8 340.1 939.7 469.3 250.3 130 Levy 230.6 297.8 973.3 411.0 225.0 48 Liberty 370.6 678.7 2452.9 677.0 353.7 Suppress Madison 638.4 737.5 3015.3 1164.7 452.3 212 Manison 448.1 314.3 992.0 450.6 278.2 70 Marion 442.9 449.9 1318.4 806.0 243.2 85 Martin 194.8 278.1 639.5 360.0 247.1 99 Miami-Dade 463.8 391.3 1889.4 818.9 227.5 103 Monroe 290.1 344.2 942.5 500.0 288.9 108 Nassau 317.3 368.4 1017.8 567.5 284.2 82 Okaloosa 316.1 448.9 760.2 458.7 360.8 205 Okaechobee 404.3							63.6
Levy 230.6 297.8 973.3 411.0 225.0 48 Liberty 370.6 678.7 2452.9 677.0 353.7 Suppress Madison 638.4 737.5 3015.3 11164.7 452.3 212 Manatee 281.1 314.3 992.0 450.6 278.2 70 Marion 442.9 449.9 1318.4 806.0 423.2 85 Martin 194.8 278.1 639.5 360.0 247.1 99 Miami-Dade 463.8 391.3 1889.4 818.9 227.5 103 Monroe 290.1 344.2 942.5 500.0 288.9 108 Nassau 317.3 368.4 1017.8 567.5 284.2 82 Okaloosa 316.1 448.9 760.2 458.7 360.8 205 Okechobee 404.3 698.8 1471.4 531.1 563.3 121 Orange 425.4							61.6
Liberty 370.6 678.7 2452.9 677.0 353.7 Suppressed Madison Madison 638.4 737.5 3015.3 1164.7 452.3 212 Manatee 281.1 314.3 392.0 450.6 278.2 70 Marion 442.9 449.9 1318.4 806.0 423.2 85 Martin 194.8 278.1 639.5 360.0 247.1 99 Miami-Dade 463.8 391.3 1889.4 818.9 227.5 103 Monroe 290.1 344.2 942.5 500.0 288.9 108 Nassau 317.3 368.4 1017.8 567.5 284.2 82 Okaloosa 316.1 448.9 760.2 458.7 360.8 205 Okechobee 404.3 698.8 1471.4 531.1 563.3 121 Orange 425.4 483.0 1122.2 711.0 351.8 135 Oscola <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td>48.2</td></td<>							48.2
Madison 638.4 737.5 3015.3 1164.7 452.3 212 Manatee 281.1 314.3 992.0 450.6 278.2 70 Marion 442.9 449.9 1318.4 806.0 423.2 85 Martin 194.8 278.1 639.5 360.0 247.1 99 Miami-Dade 463.8 391.3 1889.4 818.9 227.5 103 Monroe 290.1 344.2 942.5 500.0 288.9 108 Nassau 317.3 368.4 1017.8 567.5 284.2 82 Okaloosa 316.1 448.9 760.2 458.7 360.8 205 Okeechobee 404.3 698.8 1471.4 531.1 563.3 121 Orange 425.4 483.0 1122.2 711.0 351.8 135 Osceola 498.4 631.6 1100.5 782.1 502.2 177 Palm Beach 332.2 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>							
Manatee 281.1 314.3 992.0 450.6 278.2 70 Marion 442.9 449.9 1318.4 806.0 423.2 85 Martin 194.8 278.1 639.5 360.0 247.1 99 Miami-Dade 463.8 391.3 1889.4 818.9 227.5 103 Monroe 290.1 344.2 942.5 500.0 288.9 108 Nassau 317.3 368.4 1017.8 567.5 284.2 82 Okaloosa 316.1 448.9 760.2 458.7 360.8 205 Okeechobee 404.3 698.8 1471.4 531.1 563.3 121 Orange 425.4 483.0 1122.2 711.0 351.8 135 Osceola 498.4 631.6 1100.5 782.1 502.2 177 Palm Beach 332.2 356.5 1334.3 568.7 283.1 36 Pasco 285.0							212.0
Marion 442.9 449.9 1318.4 806.0 423.2 85 Martin 194.8 278.1 639.5 360.0 247.1 99 Miami-Dade 463.8 391.3 1889.4 818.9 227.5 103 Monroe 290.1 344.2 942.5 500.0 288.9 108 Nassau 317.3 368.4 1017.8 567.5 284.2 82 Okaloosa 316.1 448.9 760.2 458.7 360.8 205 Okeechobee 404.3 698.8 1471.4 531.1 563.3 121 Orange 425.4 483.0 1122.2 711.0 351.8 135 Osceola 498.4 631.6 1100.5 782.1 502.2 177 Palm Beach 332.2 356.5 1334.3 568.7 283.1 86 Pasco 285.0 420.2 733.1 507.8 395.6 75 Pinellas 358.2							70.9
Martin 194.8 278.1 639.5 360.0 247.1 99 Miami-Dade 463.8 391.3 1889.4 818.9 227.5 103 Monroe 290.1 344.2 942.5 500.0 288.9 108 Massau 317.3 368.4 1017.8 567.5 284.2 82 Okaloosa 316.1 448.9 760.2 458.7 360.8 205 Okeechobee 404.3 698.8 1471.4 531.1 563.3 121 Orange 425.4 483.0 112.2 711.0 351.8 135 Osceola 498.4 631.6 1100.5 782.1 502.2 177 Palm Beach 332.2 356.5 1334.3 568.7 283.1 86 Pasco 285.0 420.2 733.1 507.8 395.6 75 Pinellas 358.2 439.7 1326.2 727.9 365.6 68 Polk 636.0							85.6
Miami-Dade 463.8 391.3 1889.4 818.9 227.5 103 Monroe 290.1 344.2 942.5 500.0 288.9 108 Nassau 317.3 368.4 1017.8 567.5 284.2 82 Okaloosa 316.1 448.9 760.2 458.7 360.8 205 Okeechobee 404.3 698.8 1471.4 531.1 563.3 121 Orange 425.4 483.0 1122.2 711.0 351.8 135 Osceola 498.4 631.6 1100.5 782.1 502.2 177 Palm Beach 332.2 356.5 1334.3 568.7 283.1 86 Pasco 285.0 420.2 733.1 507.8 395.6 75 Pinellas 358.2 439.7 1326.2 727.9 365.6 68 Polk 636.0 734.4 2541.9 1110.0 536.6 68 Putham 564.6							99.5
Nassau 317.3 368.4 1017.8 567.5 284.2 82 Okaloosa 316.1 448.9 760.2 458.7 360.8 205 Okechobee 404.3 698.8 1471.4 531.1 563.3 121 Orange 425.4 483.0 1122.2 711.0 351.8 135 Osceola 498.4 631.6 1100.5 782.1 502.2 1777 Palm Beach 332.2 356.5 1334.3 568.7 283.1 86 Pasco 285.0 420.2 733.1 507.8 395.6 75 Pinellas 358.2 439.7 1326.2 727.9 365.6 68 Polk 636.0 734.4 2541.9 1110.0 530.6 90 Putnam 564.6 807.3 1380.8 791.1 718.1 279 St. Johns 244.6 316.9 847.7 443.2 241.7 97 St. Lucie 318.1	Miami-Dade	463.8	391.3	1889.4	818.9	227.5	103.5
Okaloosa 316.1 448.9 760.2 458.7 360.8 205 Okeechobee 404.3 698.8 1471.4 531.1 563.3 121 Orange 425.4 483.0 1122.2 711.0 351.8 135 Osceola 498.4 631.6 1100.5 782.1 502.2 177 Palm Beach 332.2 356.5 1334.3 568.7 283.1 86 Pasco 285.0 420.2 733.1 507.8 395.6 75 Pinellas 358.2 439.7 1326.2 727.9 365.6 68 Polk 636.0 734.4 2541.9 1110.0 530.6 90 Putnam 564.6 807.3 1380.8 791.1 718.1 279 St. Johns 2244.6 316.9 847.7 443.2 241.7 97 St. Lucie 318.1 371.2 921.1 528.4 340.5 68 Santa Rosa 298.2 </td <td>Monroe</td> <td>290.1</td> <td>344.2</td> <td>942.5</td> <td>500.0</td> <td>288.9</td> <td>108.1</td>	Monroe	290.1	344.2	942.5	500.0	288.9	108.1
Okeechobee 404.3 698.8 1471.4 531.1 563.3 121 Orange 425.4 483.0 1122.2 711.0 351.8 135 Osceola 498.4 631.6 1100.5 782.1 502.2 177 Palm Beach 332.2 356.5 1334.3 568.7 283.1 86 Pasco 285.0 420.2 733.1 507.8 395.6 75 Pinellas 358.2 439.7 1326.2 727.9 365.6 68 Polk 636.0 734.4 2541.9 1110.0 530.6 90 Putnam 564.6 807.3 1380.8 791.1 718.1 279 St. Johns 244.6 316.9 847.7 443.2 241.7 97 St. Lucie 318.1 371.2 921.1 528.4 340.5 68 Santa Rosa 298.2 368.0 929.2 503.7 271.7 105 Saminole 274.1 <td>Nassau</td> <td>317.3</td> <td>368.4</td> <td>1017.8</td> <td>567.5</td> <td>284.2</td> <td>82.5</td>	Nassau	317.3	368.4	1017.8	567.5	284.2	82.5
Orange 425.4 483.0 1122.2 711.0 351.8 135 Osceola 498.4 631.6 1100.5 782.1 502.2 177 Palm Beach 332.2 356.5 1334.3 568.7 283.1 86 Pasco 285.0 420.2 733.1 507.8 395.6 75 Pinellas 358.2 439.7 1326.2 727.9 365.6 68 Polk 636.0 734.4 2541.9 1110.0 530.6 90 Putnam 564.6 807.3 1380.8 791.1 718.1 279 St. Johns 244.6 316.9 847.7 443.2 241.7 97 St. Lucie 318.1 371.2 921.1 528.4 340.5 68 Santa Rosa 298.2 368.0 929.2 503.7 271.7 105 Seminole 274.1 320.5 684.8 483.9 249.7 77 Sumter 143.7	Okaloosa	316.1	448.9	760.2	458.7	360.8	205.8
Osceola 498.4 631.6 1100.5 782.1 502.2 1777 Palm Beach 332.2 356.5 1334.3 568.7 283.1 86 Pasco 285.0 420.2 733.1 507.8 395.6 75 Pinellas 358.2 439.7 1326.2 727.9 365.6 68 Polk 636.0 734.4 2541.9 1110.0 530.6 90 Putnam 564.6 807.3 1380.8 791.1 718.1 279 St. Johns 244.6 316.9 847.7 443.2 241.7 97 St. Lucie 318.1 371.2 921.1 528.4 340.5 68 Santa Rosa 298.2 368.0 929.2 503.7 271.7 105 Sarasota 252.9 293.4 1059.9 458.4 293.2 73 Seminole 274.1 320.5 684.8 483.9 249.7 77 Suwater 143.7							121.6
Palm Beach 332.2 356.5 1334.3 568.7 283.1 86 Pasco 285.0 420.2 733.1 507.8 395.6 75 Pinellas 358.2 439.7 1326.2 727.9 365.6 68 Polk 636.0 734.4 2541.9 1110.0 530.6 90 Putnam 564.6 807.3 1380.8 791.1 718.1 279 St. Johns 244.6 316.9 847.7 443.2 241.7 97 St. Lucie 318.1 371.2 921.1 528.4 340.5 68 Santa Rosa 298.2 368.0 929.2 503.7 271.7 105 Sarasota 252.9 293.4 1059.9 458.4 293.2 73 Seminole 274.1 320.5 684.8 483.9 249.7 77 Suwarnee 444.0 606.5 1022.1 730.2 523.2 200 Taylor 423.6							135.7
Pasco 285.0 420.2 733.1 507.8 395.6 75 Pinellas 358.2 439.7 1326.2 727.9 365.6 68 Polk 636.0 734.4 2541.9 1110.0 530.6 90 Putnam 564.6 807.3 1380.8 791.1 718.1 279 St. Johns 244.6 316.9 847.7 443.2 241.7 97 St. Lucie 318.1 371.2 921.1 528.4 340.5 68 Santa Rosa 298.2 368.0 929.2 503.7 271.7 105 Sarasota 298.2 368.0 929.2 503.7 271.7 105 Seminole 274.1 320.5 684.8 483.9 249.7 77 Suwarnee 444.0 606.5 1022.1 730.2 523.2 200 Taylor 423.6 653.5 1339.1 811.7 457.5 213 Union 316.3							177.5
Pinellas 358.2 439.7 1326.2 727.9 365.6 68 Polk 636.0 734.4 2541.9 1110.0 530.6 90 Putnam 564.6 807.3 1380.8 791.1 718.1 279 St. Johns 244.6 316.9 847.7 443.2 241.7 97 St. Lucie 318.1 371.2 921.1 528.4 340.5 68 Santa Rosa 298.2 368.0 929.2 503.7 271.7 105 Sarasota 252.9 293.4 1059.9 458.4 293.2 73 Seminole 274.1 320.5 684.8 483.9 249.7 77 Sumter 143.7 208.1 768.7 337.3 172.2 42 Suwannee 444.0 606.5 1022.1 730.2 523.2 200 Taylor 423.6 653.5 1339.1 811.7 457.5 213 Union 316.3							86.7
Polk 636.0 734.4 2541.9 1110.0 530.6 90 Putnam 564.6 807.3 1380.8 791.1 718.1 279 St. Johns 244.6 316.9 847.7 443.2 241.7 97 St. Lucie 318.1 371.2 921.1 528.4 340.5 68 Santa Rosa 298.2 368.0 929.2 503.7 271.7 105 Sarasota 252.9 293.4 1059.9 458.4 293.2 73 Seminole 274.1 320.5 684.8 483.9 249.7 77 Sumter 143.7 208.1 768.7 337.3 172.2 42 Suwannee 444.0 606.5 1022.1 730.2 523.2 200 Taylor 423.6 653.5 1339.1 811.7 457.5 213 Union 316.3 973.5 2315.3 920.4 388.9 114 Volusia 586.6							75.9
Putnam 564.6 807.3 1380.8 791.1 718.1 279 St. Johns 244.6 316.9 847.7 443.2 241.7 97 St. Lucie 318.1 371.2 921.1 528.4 340.5 68 Santa Rosa 298.2 368.0 929.2 503.7 271.7 105 Sarasota 252.9 293.4 1059.9 458.4 293.2 73 Seminole 274.1 320.5 684.8 483.9 249.7 77 Sumter 143.7 208.1 768.7 337.3 172.2 42 Suwannee 444.0 606.5 1022.1 730.2 523.2 200 Taylor 423.6 653.5 1339.1 811.7 457.5 213 Union 316.3 973.5 2315.3 920.4 388.9 114 Volusia 586.6 687.1 2171.9 1065.5 582.2 147 Wakulla 178.5							68.5 90.4
St. Johns 244.6 316.9 847.7 443.2 241.7 97 St. Lucie 318.1 371.2 921.1 528.4 340.5 68 Santa Rosa 298.2 368.0 929.2 503.7 271.7 105 Sarasota 252.9 293.4 1059.9 458.4 293.2 73 Seminole 274.1 320.5 684.8 483.9 249.7 77 Sumter 143.7 208.1 768.7 337.3 172.2 42 Suwannee 444.0 606.5 1022.1 730.2 523.2 200 Taylor 423.6 653.5 1339.1 811.7 457.5 213 Union 316.3 973.5 2315.3 920.4 388.9 114 Volusia 586.6 687.1 2171.9 1065.5 582.2 147 Wakulla 178.5 257.4 736.0 275.1 188.7 53 Walton 239.8							279.0
St. Lucie 318.1 371.2 921.1 528.4 340.5 68 Santa Rosa 298.2 368.0 929.2 503.7 271.7 105 Sarasota 252.9 293.4 1059.9 458.4 293.2 73 Seminole 274.1 320.5 684.8 483.9 249.7 77 Sumter 143.7 208.1 768.7 337.3 172.2 42 Suwannee 444.0 606.5 1022.1 730.2 523.2 200 Taylor 423.6 653.5 1339.1 811.7 457.5 213 Union 316.3 973.5 2315.3 920.4 388.9 114 Volusia 586.6 687.1 2171.9 1065.5 582.2 147 Wakulla 178.5 257.4 736.0 275.1 188.7 53 Walton 239.8 311.2 747.8 474.8 240.7 90 Washington 346.3							97.9
Santa Rosa 298.2 368.0 929.2 503.7 271.7 105 Sarasota 252.9 293.4 1059.9 458.4 293.2 73 Seminole 274.1 320.5 684.8 483.9 249.7 77 Sumter 143.7 208.1 768.7 337.3 172.2 42 Suwannee 444.0 606.5 1022.1 730.2 523.2 200 Taylor 423.6 653.5 1339.1 811.7 457.5 213 Union 316.3 973.5 2315.3 920.4 388.9 114 Volusia 586.6 687.1 2171.9 1065.5 582.2 147 Wakulla 178.5 257.4 736.0 275.1 188.7 53 Walton 239.8 311.2 747.8 474.8 240.7 90 Washington 346.3 556.5 1034.3 599.3 412.0 229				-			68.3
Sarasota 252.9 293.4 1059.9 458.4 293.2 73 Seminole 274.1 320.5 684.8 483.9 249.7 77 Sumter 143.7 208.1 768.7 337.3 172.2 42 Suwannee 444.0 606.5 1022.1 730.2 523.2 200 Taylor 423.6 653.5 1339.1 811.7 457.5 213 Union 316.3 973.5 2315.3 920.4 388.9 114 Volusia 586.6 687.1 2171.9 1065.5 582.2 147 Wakulla 178.5 257.4 736.0 275.1 188.7 53 Walton 239.8 311.2 747.8 474.8 240.7 90 Washington 346.3 556.5 1034.3 599.3 412.0 229							105.6
Seminole 274.1 320.5 684.8 483.9 249.7 77 Sumter 143.7 208.1 768.7 337.3 172.2 42 Suwannee 444.0 606.5 1022.1 730.2 523.2 200 Taylor 423.6 653.5 1339.1 811.7 457.5 213 Union 316.3 973.5 2315.3 920.4 388.9 114 Volusia 586.6 687.1 2171.9 1065.5 582.2 147 Wakulla 178.5 257.4 736.0 275.1 188.7 53 Walton 239.8 311.2 747.8 474.8 240.7 90 Washington 346.3 556.5 1034.3 599.3 412.0 229							73.2
Sumter 143.7 208.1 768.7 337.3 172.2 42 Suwannee 444.0 606.5 1022.1 730.2 523.2 200 Taylor 423.6 653.5 1339.1 811.7 457.5 213 Union 316.3 973.5 2315.3 920.4 388.9 114 Volusia 586.6 687.1 2171.9 1065.5 582.2 147 Wakulla 178.5 257.4 736.0 275.1 188.7 53 Walton 239.8 311.2 747.8 474.8 240.7 90 Washington 346.3 556.5 1034.3 599.3 412.0 229							77.9
Suwannee 444.0 606.5 1022.1 730.2 523.2 200 Taylor 423.6 653.5 1339.1 811.7 457.5 213 Union 316.3 973.5 2315.3 920.4 388.9 114 Volusia 586.6 687.1 2171.9 1065.5 582.2 147 Wakulla 178.5 257.4 736.0 275.1 188.7 53 Walton 239.8 311.2 747.8 474.8 240.7 90 Washington 346.3 556.5 1034.3 599.3 412.0 229							42.2
Taylor 423.6 653.5 1339.1 811.7 457.5 213 Union 316.3 973.5 2315.3 920.4 388.9 114 Volusia 586.6 687.1 2171.9 1065.5 582.2 147 Wakulla 178.5 257.4 736.0 275.1 188.7 53 Walton 239.8 311.2 747.8 474.8 240.7 90 Washington 346.3 556.5 1034.3 599.3 412.0 229							200.3
Volusia 586.6 687.1 2171.9 1065.5 582.2 147 Wakulla 178.5 257.4 736.0 275.1 188.7 53 Walton 239.8 311.2 747.8 474.8 240.7 90 Washington 346.3 556.5 1034.3 599.3 412.0 229	Taylor						213.4
Wakulla 178.5 257.4 736.0 275.1 188.7 53 Walton 239.8 311.2 747.8 474.8 240.7 90 Washington 346.3 556.5 1034.3 599.3 412.0 229	Union	316.3	973.5	2315.3	920.4	388.9	114.9
Walton 239.8 311.2 747.8 474.8 240.7 90 Washington 346.3 556.5 1034.3 599.3 412.0 229		586.6	687.1	2171.9	1065.5	582.2	147.5
Washington 346.3 556.5 1034.3 599.3 412.0 229		178.5	257.4			188.7	53.2
							90.9
¹ Data sources: Agency for Health Care Administration Emergency Department visits with primary diagnosis code '493' Population	, -						229.6

¹ Data sources: Agency for Health Care Administration Emergency Department visits with primary diagnosis code '493'. Population estimates obtained from FloridaCHARTS.com

² Rates were suppressed for counts less than 5