

Trends and Percent Change in Select Causes of Injury Hospitalization, Miami-Dade County Residents, Age 65+, 2000-2022

| Mechanism | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2016-2018 | | 2019-2020 | | 2020-2021 | | 2021-2022 | | 2000-2022 | |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----------|--------|-----------|--------|-----------|--------|-----------|--------|-----------|--------|
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | Change | % Change | Change |
| Unintentional | 3,302 | 3,952 | 4,472 | 4,573 | 4,763 | 4,908 | 5,285 | 5,553 | 5,777 | 6,189 | 6,333 | 6,358 | 6,302 | 6,760 | 7,108 | 7,276 | 7,346 | 7,495 | 6,619 | 7,152 | 7,553 | 7,553 | 238 | -3.3% | -876 | -11.7% | 533 | 8.1% | 401 | 5.6% | 4,251 | 128.7% |
| Self-Inflicted | 58 | 66 | 52 | 77 | 73 | 68 | 81 | 92 | 72 | 73 | 84 | 101 | 109 | 103 | 91 | 95 | 94 | 97 | 104 | 89 | 103 | 89 | 2 | 2.1% | -15 | -14.4% | 14 | 15.7% | -14 | -13.6% | 31 | 53.4% |
| Assault | 28 | 29 | 37 | 37 | 27 | 27 | 42 | 41 | 36 | 27 | 37 | 30 | 34 | 71 | 28 | 39 | 40 | 41 | 43 | 32 | 37 | 49 | 2 | 5.1% | -11 | -25.6% | 0 | 0.0% | 12 | 32.4% | 21 | 75.0% |
| Undetermined | 15 | 12 | 22 | 11 | 29 | 25 | 30 | 30 | 28 | 29 | 38 | 29 | 31 | 40 | 25 | 9 | 14 | 14 | 23 | 11 | 8 | 13 | 5 | 55.6% | -12 | -52.2% | -3 | -27.3% | 5 | 62.5% | -2 | -13.3% |
| All Injury Hospitalizations | 3,403 | 4,059 | 4,583 | 4,698 | 4,892 | 5,028 | 5,438 | 5,706 | 5,669 | 5,906 | 6,348 | 6,493 | 6,532 | 6,516 | 6,904 | 7,251 | 7,424 | 7,498 | 7,665 | 6,751 | 7,300 | 7,704 | 247 | 3.4% | -914 | -11.9% | 549 | 8.1% | 404 | 5.5% | 4,301 | 126.4% |

| Intent | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2016-2018 | | 2019-2020 | | 2020-2021 | | 2021-2022 | | 2000-2022 | |
|-----------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|-----------|--------|-----------|--------|-----------|--------|-----------|--------|-----------|--------|
| | rate* | Change | % Change | Change |
| Unintentional | 1,094.9 | 1,298.0 | 1,427.1 | 1,448.4 | 1,490.0 | 1,514.7 | 1,595.4 | 1,643.2 | 1,598.6 | 1,646.5 | 1,717.3 | 1,716.1 | 1,714.2 | 1,647.8 | 1,727.6 | 1,680.1 | 1,654.8 | 1,641.9 | 1,631.9 | 1,387.0 | 1,471.9 | 1,618.4 | -38.1 | -2.3% | -244.8 | -15.0% | 85 | 6.1% | 147 | 10.0% | 524 | 47.8% |
| Self-Inflicted | 19.2 | 21.7 | 16.6 | 24.4 | 22.8 | 21.0 | 24.5 | 24.3 | 20.8 | 20.6 | 23.3 | 27.4 | 29.4 | 26.9 | 23.3 | 22.5 | 21.4 | 21.7 | 22.6 | 18.7 | 21.2 | 19.1 | -0.8 | -3.4% | -4.0 | -17.6% | 3 | 13.7% | -2 | -10.0% | 0 | -0.8% |
| Assault | 9.3 | 9.5 | 11.8 | 11.7 | 8.4 | 8.3 | 12.7 | 12.1 | 10.4 | 7.7 | 10.3 | 8.1 | 9.2 | 18.6 | 7.2 | 9.2 | 9.1 | 9.2 | 9.4 | 6.7 | 7.6 | 10.5 | -0.1 | -0.6% | -2.7 | -28.4% | 0 | 0.0% | 3 | 37.9% | 1 | 13.1% |
| Undetermined | 5.0 | 3.9 | 7.0 | 3.5 | 9.1 | 7.7 | 9.1 | 8.9 | 8.1 | 8.3 | 10.5 | 7.9 | 8.4 | 10.5 | 6.4 | - | 3.2 | 3.1 | 5.0 | 2.3 | 1.6 | 2.8 | + | + | -2.7 | -54.0% | -1 | -28.6% | 1 | 69.2% | -2 | -44.0% |
| All Injury Hospitalizations | 1,128.4 | 1,333.2 | 1,462.6 | 1,488.0 | 1,530.4 | 1,551.7 | 1,641.5 | 1,688.4 | 1,637.9 | 1,683.3 | 1,761.4 | 1,759.5 | 1,761.1 | 1,703.8 | 1,764.4 | 1,713.9 | 1,688.4 | 1,675.9 | 1,668.9 | 1,414.7 | 1,502.3 | 1,650.8 | -37.9 | -2.2% | -254.2 | -15.2% | 88 | 6.2% | 148 | 9.9% | 522 | 46.3% |

County Population 301,582 304,465 313,355 315,733 319,665 324,025 331,274 337,944 346,117 350,860 360,391 369,027 370,895 382,445 391,294 423,081 439,701 447,396 459,287 477,204 485,907 466,683

* Rate per 100,000 population; rates not calculated for years with < 10 hospitalizations

Red percentages indicate this injury type increased between 2016-2018, 2019-2020, 2020-2021, 2021-2022, 2000-2022

Blue percentages indicate this injury type decreased between 2016-2018, 2019-2020, 2020-2021, 2021-2022, 2000-2022

Source: Hospital Discharge Data, Florida Agency for Health Care Administration

Analysis uses the primary diagnosis field to identify injury related hospitalizations

Trends and Percent Change in Select Causes of Injury Hospitalization, Miami-Dade County Residents, Age 65+, 2000-2022

| Mechanism | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2016-2018 | | 2019-2020 | | 2020-2021 | | 2021-2022 | | 2000-2022 | |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----------|--------|-----------|--------|-----------|--------|-----------|--------|-----------|--------|
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | Change | % Change | Change |
| Cut, Pierce | 15 | 24 | 28 | 36 | 32 | 38 | 33 | 23 | 20 | 38 | 26 | 24 | 49 | 32 | 28 | 16 | 41 | 34 | 31 | 34 | 23 | 29 | 18 | 112.5% | 3 | 9.7% | -11 | -32.4% | 6 | 26.1% | 14 | 93.3% |
| Drowning | 1 | 4 | 3 | 9 | 6 | 4 | 4 | 3 | 4 | 1 | 3 | 2 | 4 | 2 | 2 | 2 | 3 | 2 | 2 | 1 | 1 | 3 | 0 | * | -1 | * | 0 | * | 2 | 200.0% | 2 | * |
| Fall | 2,674 | 3,211 | 3,572 | 3,606 | 3,863 | 4,028 | 4,267 | 4,513 | 4,594 | 4,796 | 5,097 | 5,247 | 5,188 | 5,233 | 5,613 | 5,850 | 5,918 | 6,143 | 6,190 | 5,597 | 5,998 | 6,301 | 293 | 5.0% | -593 | -9.6% | 401 | 7.2% | 303 | 5.1% | 3,627 | 13.8% |
| Fire, Flame | 10 | 9 | 8 | 14 | 5 | 10 | 10 | 10 | 10 | 10 | 13 | 9 | 8 | 7 | 8 | 8 | 10 | 12 | 14 | 12 | 6 | 8 | 4 | * | -2 | -14.3% | -6 | -6.7% | 2 | 33.3% | -2 | * |
| Hot Substance | 7 | 8 | 9 | 18 | 13 | 16 | 14 | 12 | 13 | 16 | 23 | 26 | 21 | 25 | 30 | 26 | 27 | 25 | 19 | 30 | 26 | 1 | 1 | 3.8% | -6 | -24.0% | 11 | 57.9% | -4 | -13.3% | 19 | 271.4% |
| Firearm | 5 | 4 | 4 | 3 | 7 | 4 | 8 | 5 | 5 | 6 | 5 | 8 | 13 | 9 | 8 | 14 | 10 | 12 | 16 | 10 | 12 | 9 | -2 | -14.3% | -6 | -37.5% | 2 | 20.0% | -3 | -25.0% | 4 | 80.0% |
| Motor Vehicle Occupant | 268 | 246 | 295 | 285 | 280 | 235 | 289 | 254 | 224 | 254 | 183 | 200 | 220 | 224 | 189 | 319 | 341 | 314 | 338 | 236 | 281 | 312 | -5 | -1.6% | -102 | -30.2% | 45 | 19.1% | 31 | 11.0% | 44 | 16.4% |
| Motorcycle | 0 | 5 | 9 | 14 | 8 | 6 | 8 | 7 | 16 | 14 | 18 | 31 | 16 | 11 | 13 | 25 | 25 | 21 | 24 | 30 | 28 | 23 | -4 | -16.0% | 6 | 25.0% | -2 | -6.7% | -5 | -17.9% | 23 | 92.3% |
| Pedal Cyclist | 111 | 114 | 117 | 21 | 16 | 18 | 14 | 11 | 29 | 17 | 8 | 29 | 29 | 24 | 31 | 20 | 23 | 16 | 22 | 18 | 31 | 26 | -4 | -20.0% | -4 | -18.2% | 13 | 72.2% | -5 | -16.1% | 15 | 136.4% |
| Pedestrian | 64 | 86 | 96 | 87 | 98 | 79 | 92 | 121 | 91 | 66 | 105 | 96 | 99 | 101 | 100 | 70 | 106 | 116 | 118 | 101 | 107 | 98 | 46 | 65.7% | -17 | -14.4% | 6 | 5.9% | -9 | -8.4% | 34 | 53.1% |
| Other Transport | 9 | 11 | 13 | 21 | 14 | 11 | 17 | 19 | 18 | 14 | 22 | 19 | 20 | 27 | 16 | 21 | 14 | 9 | 8 | 8 | 7 | 9 | -12 | -57.1% | 0 | * | -1 | * | 2 | 26.6% | 0 | * |
| Natural, Environmental | 17 | 22 | 32 | 28 | 27 | 24 | 15 | 28 | 12 | 22 | 34 | 32 | 27 | 29 | 33 | 6 | 10 | 7 | 12 | 14 | 6 | 15 | 1 | * | 2 | 16.7% | -8 | -50.0% | 9 | 150.0% | -2 | -11.8% |
| Overexertion | 21 | 24 | 36 | 39 | 47 | 50 | 55 | 58 | 43 | 42 | 38 | 53 | 53 | 46 | 51 | 14 | 35 | 30 | 28 | 31 | 35 | 33 | 16 | 114.3% | 3 | 10.7% | 4 | 12.9% | -2 | -5.7% | 12 | 57.1% |
| Poison | 132 | 141 | 158 | 147 | 169 | 157 | 192 | 214 | 201 | 206 | 251 | 247 | 265 | 261 | 230 | 278 | 328 | 300 | 307 | 250 | 266 | 287 | 22 | 7.9% | -57 | -18.6% | 16 | 6.4% | 21 | 7.9% | 155 | 117.4% |
| Struck By/Against | 30 | 38 | 42 | 52 | 47 | 58 | 72 | 69 | 61 | 61 | 81 | 47 | 54 | 62 | 83 | 147 | 155 | 99 | 119 | 99 | 87 | 117 | -48 | -32.7% | -20 | -16.8% | -12 | -12.1% | 30 | 34.5% | 87 | 290.0% |
| All Injury Hospitalizations | 5,254 | 5,389 | 5,488 | 5,592 | 5,673 | 5,930 | 5,578 | 5,760 | 5,807 | 6,084 | 6,551 | 6,656 | 6,697 | 6,689 | 7,048 | 6,816 | 7,045 | 7,142 | 7,254 | 6,460 | 6,918 | 7,296 | 326 | 4.8% | -794 | -10.9% | 458 | 7.1% | 378 | 5.5% | 2,042 | 38.9% |

| Mechanism | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2016-2018 | | 2019-2020 | | 2020-2021 | | 2021-2022 | | 2000-2022 | |
|-----------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|-----------|--------|-----------|--------|-----------|--------|-----------|--------|-----------|--------|
| | rate* | Change | % Change | Change |
| Cut, Pierce | 5.0 | 7.9 | 8.9 | 11.4 | 10.0 | 11.7 | 10.0 | 6.8 | 5.8 | 10.8 | 7.2 | 6.5 | 13.2 | 8.4 | 7.2 | 3.8 | 9.3 | 7.6 | 6.7 | 7.1 | 4.7 | 6.2 | 3.8 | 101.0% | 0.4 | 5.6% | -2.4 | -33.6% | 1.5 | 31.3% | 1.2 | 24.9% |
| Drowning | * | * | * | * | * | 3.1 | 3.0 | 3.0 | 2.9 | 3.6 | * | * | * | * | * | * | 2.3 | 2.7 | 3.0 | 2.5 | 1.2 | * | * | * | -0.5 | -17.5% | -1.3 | -50.9% | * | * | * | * |
| Fire, Flame | 886.7 | 1,054.6 | 1,139.9 | 1,142.1 | 1,208.5 | 1,243.1 | 1,288.1 | 1,335.4 | 1,327.3 | 1,366.9 | 1,414.3 | 1,421.8 | 1,398.8 | 1,368.3 | 1,434.5 | 1,382.7 | 1,345.9 | 1,373.1 | 1,347.7 | 1,172.9 | 1,234.4 | 1,350.2 | -9.7 | -0.7% | -174.9 | -13.0% | 61.5 | 5.2% | 115.8 | 9.4% | 463.5 | 52.3% |
| Hot Substance | 3.3 | * | * | 4.4 | * | 4.9 | 4.2 | 3.6 | 3.8 | 4.6 | 6.4 | 7.0 | 5.7 | 6.5 | 7.7 | 6.1 | 5.9 | 6.0 | 5.4 | 4.0 | 6.2 | 5.6 | -0.1 | -1.8% | -1.5 | -26.9% | 2.2 | 55.1% | -0.6 | -9.8% | * | * |
| Firearm | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | 3.5 | 2.1 | 2.5 | * | * | * | -1.4 | -39.8% | 0.4 | 17.9% | * | * | * | * |
| Motor Vehicle Occupant | 88.9 | 80.8 | 94.1 | 90.3 | 87.6 | 72.5 | 87.2 | 75.2 | 64.7 | 72.4 | 50.8 | 54.2 | 59.3 | 58.6 | 48.3 | 75.4 | 77.6 | 70.2 | 73.6 | 49.5 | 57.8 | 66.9 | -5.2 | -6.9% | -24.1 | -32.8% | 8.4 | 16.9% | 9.0 | 15.6% | -22.0 | -24.8% |
| Motorcycle | * | * | * | 4.4 | * | * | * | 2.1 | 4.6 | 4.0 | 5.0 | 8.4 | 4.3 | 2.9 | 3.3 | 5.9 | 5.7 | 4.7 | 5.2 | 6.3 | 5.8 | 4.9 | -1.2 | -20.6% | 1.1 | 20.3% | -0.5 | -9.3% | -0.8 | -14.5% | * | * |
| Pedal Cyclist | 3.6 | 4.6 | 5.4 | 6.7 | 5.0 | 5.6 | 4.2 | 3.3 | 8.4 | 4.8 | * | 7.9 | 7.8 | 6.3 | 7.9 | 4.7 | 5.2 | 3.6 | 4.8 | 3.8 | 6.4 | 5.6 | -1.2 | -24.3% | -1.0 | -21.3% | 2.6 | 69.1% | -0.8 | -12.7% | 1.9 | 52.7% |
| Pedestrian | 21.2 | 28.2 | 30.6 | 27.6 | 30.7 | 24.4 | 27.8 | 35.8 | 26.3 | 18.8 | 29.1 | 26.0 | 26.7 | 26.4 | 25.6 | 16.5 | 24.1 | 25.9 | 25.7 | 21.2 | 22.0 | 21.0 | 9.4 | 56.7% | -4.5 | -17.6% | 0.9 | 4.0% | -1.0 | -4.6% | -0.2 | -1.0% |
| Other Transport | * | 3.6 | 4.1 | 6.7 | 4.4 | 3.4 | 5.1 | 5.6 | 5.2 | 4.0 | 6.1 | 5.1 | 5.4 | 7.1 | 4.1 | 5.0 | 3.2 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Natural, Environmental | 5.6 | 7.2 | 10.2 | 8.9 | 8.4 | 7.4 | 4.5 | 8.3 | 3.5 | 6.3 | 9.4 | 8.7 | 7.3 | 7.6 | 8.4 | 1.4 | 2.3 | * | 2.6 | 2.9 | 1.2 | 3.2 | * | * | 0.3 | 12.3% | -1.7 | -57.9% | 2.0 | 160.3% | -2.4 | -43.0% |
| Overexertion | 7.0 | 7.9 | 11.5 | 12.4 | 14.7 | 15.4 | 16.6 | 17.2 | 12.4 | 12.0 | 10.5 | 14.4 | 14.3 | 12.0 | 13.0 | 3.3 | 8.0 | 6.7 | 6.1 | 6.5 | 7.2 | 7.1 | 3.4 | 102.6% | 0.4 | 6.6% | 0.7 | 10.9% | -0.1 | -1.8% | 0.1 | 1.5% |
| Poison | 43.8 | 46.3 | 50.4 | 46.6 | 52.9 | 48.5 | 63.3 | 58.1 | 58.7 | 69.6 | 66.9 | 71.4 | 68.2 | 58.8 | 65.7 | 74.6 | 67.1 | 66.8 | 52.4 | 54.7 | 61.5 | 1.3 | 2.0% | -14.5 | -21.6% | 2.4 | 4.5% | 6.8 | 12.3% | 17.7 | 40.5% | |
| Struck By/Against | 9.9 | 12.5 | 13.4 | 16.5 | 14.7 | 17.9 | 21.7 | 20.4 | 17.6 | 17.4 | 22.5 | 12.7 | 14.6 | 16.2 | 21.2 | 34.7 | 35.3 | 22.1 | 25.9 | 20.7 | 17.9 | 25.1 | -12.6 | -36.3% | -5.2 | -19.9% | -2.8 | -13.7% | 7.2 | 40.0% | 15.1 | 152.0% |
| All Injury Hospitalizations | 1,742.1 | 1,770.0 | 1,751.4 | 1,771.1 | 1,774.7 | 1,830.1 | 1,683.8 | 1,704.4 | 1,677.8 | 1,734.0 | 1,817.7 | 1,803.7 | 1,805.6 | 1,749.0 | 1,801.2 | 1,611.0 | 1,602.2 | 1,596.3 | 1,579.4 | 1,353.7 | 1,423.7 | 1,563.4 | -14.7 | -0.9% | -225.7 | -14.3% | 70.0 | 5.2% | 139.6 | 9.8% | -178.8 | -10.3% |

County Population 301,582 304,465 313,355 315,733 319,665 324,025 331,274 337,944 346,117 350,860 360,391 369,027 370,895 382,445 391,294 423,081 439,701 447,396 459,287 477,204 485,907 486,683

* Rate per 100,000 population; rates not calculated for years with < 10 hospitalizations

** Percent change not calculated for years < 10 hospitalizations unless at least 10+ difference in cases from baseline year

Blue percentages indicate this injury type decreased between 2016-2018, 2019-2020, 2020-2021, 2021-2022, 2000-2022

Source: Hospital Discharge Data, Florida Agency for Health Care Administration

Analysis uses the primary diagnosis field to identify injury related hospitalizations

* In October 2015 the ICD changed from ICD-9 to ICD 10