



Mar 2010

Injury Deaths and Hospitalizations, 2006-2008 Residents of Miami-Dade County Zip Code 33054

Miami-Dade County Injury Facts



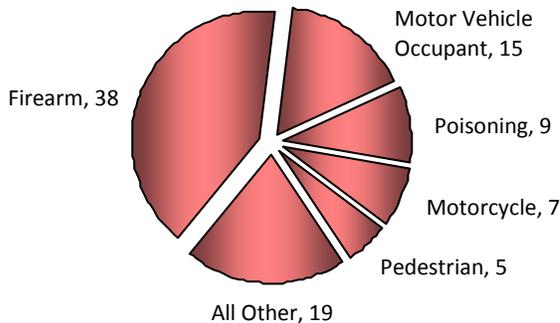
This fact sheet describes injuries that resulted in either death or hospitalization during the years 2006-2008 to residents who live in the zip code 33054 of Miami-Dade County.

This zip code includes the communities of Opa-Locka and parts of Miami Gardens.

Injury was responsible for 93 deaths and 583 hospitalizations during this 3-year period. Among 79 county residential zip codes, 33054 ranked 19th in overall injury rate.

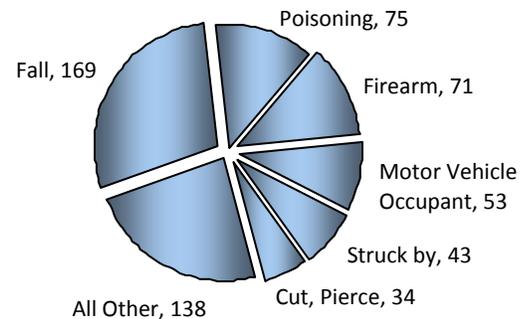
What Caused Deaths From Injury, 2006-2008

- Firearms were the leading cause of death, responsible for 41% of all injury deaths during this 3-year period.
- All of the 38 firearm deaths were homicides.



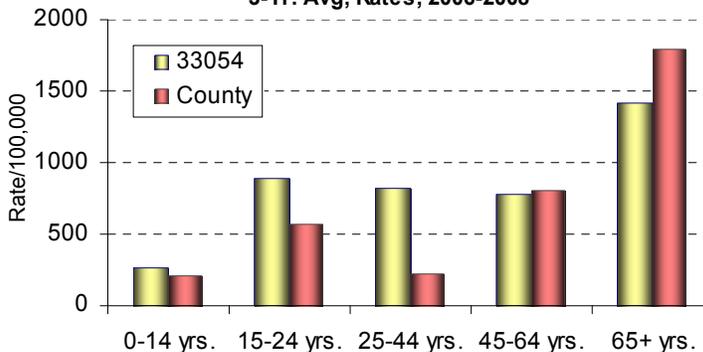
What Caused Hospitalizations From Injury, 2006-2008

- Unintentional falls were responsible for 29% of injury hospitalizations during this 3-year period, followed by poisonings (13%) and firearms (12%).



Which Age Groups Were Most At-Risk to be Injured, 2006-2008

Injury Rates for Deaths & Hospitalizations
Zip Code 33054 vs. Miami-Dade County
3-Yr. Avg, Rates, 2006-2008



This graph shows rates for injuries that resulted in death or hospitalization for five age groups and compares residents of zip code 33054 with all county residents.

- Residents from zip code 33054 had higher injury rates for the 3 age groups aged 0-44 years compared to the county. Residents aged 45 and older had lower injury rates. Children <15 years old had the lowest rate while residents older than 65 years had the highest rate.
- The age group most disparate from the county was 25-44 year olds, with an injury rate almost 4-times higher than the county rate.

- During 2006-2008, residents of 33054 had an overall injury rate 19% higher than the county rate.
- Homicide was 3.7 times higher and suicide 50% lower than the county rates during these 3 years.
- Significantly higher injury rates were also observed for residents aged 15-24 (56%), aged 25-44 (272%), males (52%), whites (55%) and blacks (41%).
- Lower rates were seen for residents aged 65+ (21%), falls (29%) and 65+ yr. old hip fractures (37%).

Miami-Dade Co. Zip Code 33054: Fatal & Hospitalized Injury Profile, 2006-2008

| Characteristic | Deaths | | | Hospitalizations | | | 2006-2008 Avg. Rates * | | |
|------------------------------------|--------|------|------|------------------|------|------|------------------------|--------|---------|
| | 2006 | 2007 | 2008 | 2006 | 2007 | 2008 | 33054 | County | Florida |
| All Injuries | 39 | 51 | 45 | 375 | 355 | 394 | 744.5 | 621.4 | 705.6 |
| Age Group | | | | | | | | | |
| 0-14 yrs. | 0 | 1 | 1 | 37 | 38 | 27 | 263.2 | 214.2 | 208.2 |
| 15-24 yrs. | 8 | 16 | 11 | 69 | 70 | 65 | 888.0 | 569.2 | 578.0 |
| 25-44 yrs. | 12 | 15 | 13 | 74 | 98 | 109 | 815.9 | 219.3 | 259.9 |
| 45-64 yrs. | 15 | 12 | 15 | 110 | 71 | 102 | 779.3 | 799.3 | 895.2 |
| 65+ yrs. | 4 | 7 | 5 | 85 | 78 | 91 | 1417.2 | 1788.1 | 1716.0 |
| Gender ^ | | | | | | | | | |
| Male | 30 | 45 | 39 | 248 | 240 | 252 | 1,053.7 | 694.7 | 729.0 |
| Female | 9 | 6 | 6 | 127 | 115 | 142 | 477.9 | 552.8 | 683.0 |
| Race ^ | | | | | | | | | |
| White | 22 | 21 | 13 | 186 | 167 | 167 | 954.9 | 617.7 | 746.9 |
| Black | 16 | 30 | 31 | 186 | 160 | 180 | 708.5 | 502.4 | 461.3 |
| Ethnicity ^ | | | | | | | | | |
| Hispanic | 21 | 22 | 14 | 132 | 127 | 136 | 449.9 | 446.0 | 384.8 |
| Non-Hispanic | 18 | 29 | 31 | 243 | 228 | 257 | 837.8 | 900.0 | 781.9 |
| Intent ® | | | | | | | | | |
| Unintentional | 20 | 23 | 17 | 282 | 241 | 295 | 504.4 | 502.0 | 563.8 |
| Suicide/Self-Inflicted | 4 | 5 | 3 | 14 | 15 | 20 | 23.1 | 46.5 | 63.7 |
| Homicide/Assault | 15 | 23 | 25 | 60 | 83 | 67 | 169.6 | 51.0 | 36.5 |
| Undetermined, Other | 0 | 0 | 0 | 19 | 16 | 12 | 47.4 | 13.6 | 16.3 |
| Leading Injury Mechanisms ® | | | | | | | | | |
| Cut, Pierce | 2 | 1 | 1 | 20 | 33 | 12 | 39.6 | 20.8 | 16.1 |
| Drowning, Submersion | 0 | 0 | 1 | 1 | 0 | 1 | 3.3 | 4.2 | 4.4 |
| Fall | 6 | 4 | 2 | 134 | 101 | 132 | 189.4 | 268.2 | 297.1 |
| Firearm | 13 | 23 | 20 | 35 | 42 | 36 | 120.1 | 26.5 | 21.7 |
| # Homicide/Assault | 11 | 20 | 17 | 26 | 31 | 29 | 103.5 | 18.8 | 10.8 |
| # Suicide/Self-Inflicted | 2 | 3 | 3 | 0 | 0 | 0 | 0.0 | 4.4 | 7.4 |
| Motor Vehicle Crash Occupant | 4 | 6 | 5 | 46 | 33 | 29 | 74.9 | 66.1 | 67.9 |
| Motorcycle Crash | 0 | 1 | 3 | 10 | 11 | 18 | 30.8 | 18.6 | 21.2 |
| Pedal Cyclist | 1 | 3 | 0 | 7 | 4 | 9 | 16.5 | 8.3 | 10.4 |
| Pedestrian | 3 | 3 | 2 | 15 | 14 | 10 | 33.0 | 18.9 | 13.1 |
| Poisoning | 6 | 3 | 2 | 34 | 34 | 47 | 92.5 | 69.8 | 109.9 |
| # Unintentional | 6 | 2 | 2 | 13 | 11 | 20 | 41.9 | 23.7 | 47.2 |
| # Suicide/Self-Inflicted | 0 | 1 | 0 | 12 | 13 | 20 | 18.7 | 34.6 | 48.7 |
| Struck By or Against | 1 | 2 | 0 | 23 | 22 | 38 | 48.5 | 28.8 | 25.5 |
| Suffocation, Hanging | 2 | 0 | 1 | 0 | 2 | 2 | 4.4 | 5.2 | 6.6 |
| All Other Coded Mechanisms | 1 | 5 | 8 | 50 | 59 | 60 | | | |
| Leading Diagnoses | | | | | | | | | |
| Traumatic Brain Injury | 7 | 12 | 12 | 48 | 40 | 60 | 106.8 | 96.1 | 110.1 |
| Hip Fracture (Age 65+) | | | | 25 | 28 | 29 | 341.0 | 538.0 | 567.5 |

* Rates were calculated based on the average number of deaths and hospitalizations over the 3-year period

NC: rates not calculated for mechanisms that averaged less than 2 cases over the 3 years

^ Gender, Race and Ethnicity categories may exclude cases that were unknown, other or unclassifiable

® Mechanism & Intent are determined from the documentation of external cause codes in the death certificate or hospital medical record.

Over the 3-year period, E-codes were documented for 99%, 99% and 97% of injury-related hospitalizations respectively

 Injury rate for this zip code was significantly greater than the county injury rate
 Injury rate for this zip code was significantly lower than the county injury rate

Produced by the Miami-Dade County Injury Surveillance System

Data Sources: Death Certificates, Office of Vital Statistics, FL Dept. of Health
 Hospital Discharge Data, FL Agency for Health Care Administration
 Medical Examiner Records, Miami-Dade Co. Medical Examiner Dept.
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