**Unintentional Drowning, All Ages, 2012‐2014**

Unintentional drowning is the 4th leading cause of injury deaths to children age 0‐17. Fatal and nonfatal drowning incidents occur most often in swimming pools for children age 0‐17, while drowning incidents for adults occur most often in natural water (ocean, lakes and rivers).

Between the years 2012-2014:

* 119 Miami‐Dade County residents died as a result of drowning.
* 133 residents were hospitalized as a result of non-fatal drownings.
* 197 residents were treated at an emergency department (ED) as a result of non-fatal drownings.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Injury Severity | 2012 | 2013 | 2014 | Total |
| Deaths | 31 | 45 | 43 | 119 |
| Hospitalizations | 48 | 37 | 48 | 133 |
| ED Visits | 75 | 69 | 53 | 197 |
| Total | 154 | 151 | 144 | 449 |

* The most common site for fatal and nonfatal drowning incidents was in a swimming pool. The most common location of drownings among persons aged 5 or more years was in natural water.

|  |  |  |  |
| --- | --- | --- | --- |
| Submersion Type | Fatal | Nonfatal | Overall Percent |
| Swimming Pool | 35 | 181 | 48% |
| Natural Water | 45 |  | 10% |
| Other Specified (Lake/Canal) | 14 |  | 3% |
| Recreational Swimming |  | 38 | 8% |
| Sport/Scuba Diving/Water Skiing |  | 50 | 11% |
| Bathtub | 7 | 9 | 4% |
| Other/Unspecified | 18 | 52 | 16% |
| Total | 119 | 330 | 100% |

During 2014, nonfatal drowning incidents were estimated to cost nearly $2 million in hospitalization and ED visit charges:

|  |  |  |  |
| --- | --- | --- | --- |
| 2014 Hospital & ED Charges for Nonfatal Drowning Incidents to  Miami-Dade County Residents | | | |
|  | **Number** | **Total Charges** | **Median Charge** |
| Hospitalizations | **48** | **$1,571,215** | **$11,497** |
| ED Visits | **53** | **$ 224,437** | **$ 2,162** |
| All Nonfatal Drownings | **101** | **$1,795,652** | **$ 4,662** |

The figures below display fatal and nonfatal drowning rates by age and gender for 2012-2014.

* Fatal drowning rates were highest among elderly adults aged 65 or more years.
* Men were more than four times more likely than women to die from unintentional drownings.
* Children aged 0-17 years accounted for 65% of all nonfatal drownings. The nonfatal drowning rate for this group is more than three times higher than any other age group.
* Nonfatal drowning rates among men were nearly twice that of women.