



FLHealthCHARTS.com Statistical Brief Unintentional Drowning Deaths in Florida 2007 through 2016

Description

The annual number of unintentional drowning deaths did not change much during the period 2007 through 2016¹. The low was reached in 2011 with 349 unintentional drowning deaths and an age adjusted death rate of 1.80 per 100,000 population. The rate remained low for 2012 and 2013 and then returned to previous levels in 2014 through 2016. The highest number of unintentional drowning deaths occurred in 2015 when there were 430 unintentional drowning deaths and an age adjusted death rate of 2.10 per 100,000 population (Table 1).

Nationally the 2016 age adjusted death rate for unintentional drowning was 1.2 per 100,000 population which was much lower than the Florida rate of 2.0²

Florida's population increased during the 10-year period 2007 through 2016 and the trend in the number of unintentional drowning deaths reflects the increase in the population. The age adjusted death rates are adjusted for age and population increases and the trend in these rates is virtually flat for the years 2007 through 2016. This indicates the risk of death from unintentional drowning did not change during the 10 years 2007 through 2016 (Graph 1).

Table 1

Florida Unintentional Drowning Deaths

Year	Unintentional Drowning Deaths	Unintentional Drowning Age Adjusted Death Rate Per 100,000 population
2007	393	2.10
2008	390	2.00
2009	382	2.00
2010	373	2.00
2011	349	1.80
2012	353	1.80
2013	353	1.80
2014	397	2.00
2015	430	2.10
2016	428	2.00

Unintentional Drowning Deaths in Florida 2007 through 2016

Graph 1

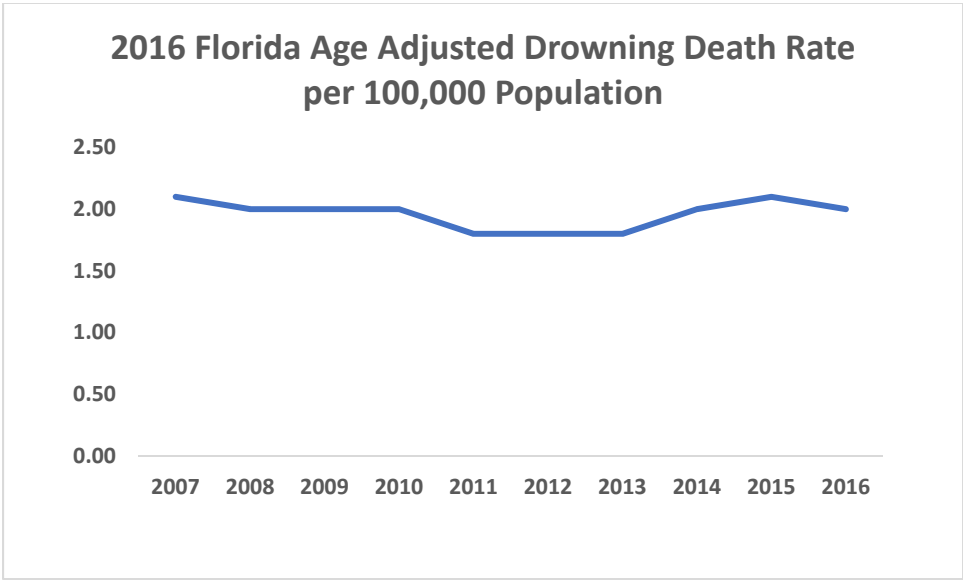


Table 2 and Graph 2 show the number of unintentional drownings in 2016 by age and gender. For males and females, the one to four age group has the highest death rates from drowning. Comparing the rates for males and females indicates that males are far more likely to die from unintentional drowning at almost every age. Overall, the drowning rate for males is 3.4 per 100,000 population which is 3.78 times the 0.9 rate for females.

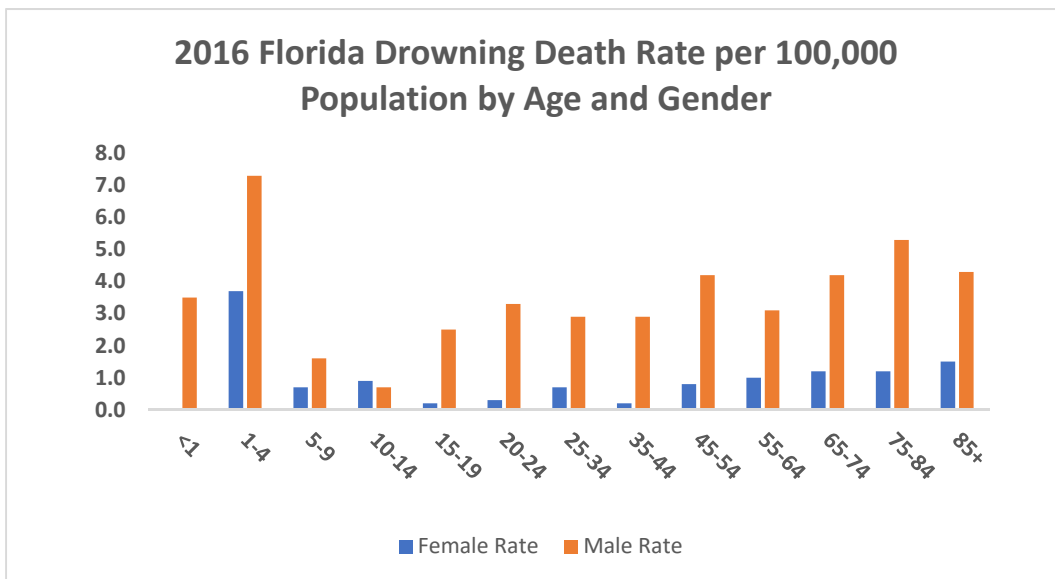
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Table 2

Florida Drowning Deaths by Age and Gender 2016

Age	Deaths		Female	Male	Male: Female Rate Ratio
	Female Drowning Deaths	Male Drowning Deaths	Death Rate per 100,000 Population	Death Rate per 100,000 Population	
<1	0	4	0.0	3.5	NA
1-4	16	33	3.7	7.3	1.97
5-9	4	9	0.7	1.6	2.29
10-14	5	4	0.9	0.7	0.78
15-19	1	15	0.2	2.5	12.50
20-24	2	22	0.3	3.3	11.00
25-34	9	38	0.7	2.9	4.14
35-44	2	35	0.2	2.9	14.50
45-54	11	57	0.8	4.2	5.25
55-64	14	39	1.0	3.1	3.10
65-74	14	42	1.2	4.2	3.50
75-84	8	29	1.2	5.3	4.42
85+	5	9	1.5	4.3	2.87
Total	91	336	0.9	3.4	3.78

Graph 2



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Discussion

In 2016, 428 people died from unintentional drowning. The risk of unintentional drowning in Florida did not change substantially during the period 2007 through 2016 and the rate for unintentional drowning is much higher in Florida than in the U.S. In 2016 the Florida age-adjusted death rate per 100,000 population for unintentional drowning was 2.0. The comparable rate for the U.S. was 1.2.

The highest drowning rates occur in the 1 to 4 age group and there is a consistent pattern of higher rates for males across all age groups.

References

1. Florida Department of Health: CHARTS at: <http://www.flhealthcharts.com/charts/Default.aspx>
2. Center for Disease Control and Prevention: Wonder at: <https://wonder.cdc.gov/>