



Jan 2009

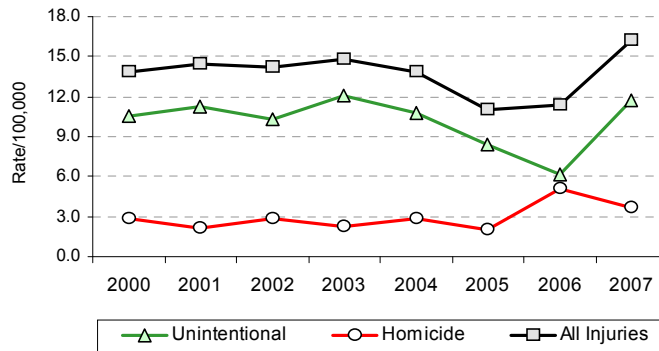
Trends in Injury Deaths, Children Aged 0-17 Years Miami-Dade County, 2000-2007

Miami-Dade County Injury Facts

This report examines trends in injury mortality during the period 2000-2007 for Miami-Dade County children aged 0-17 years.

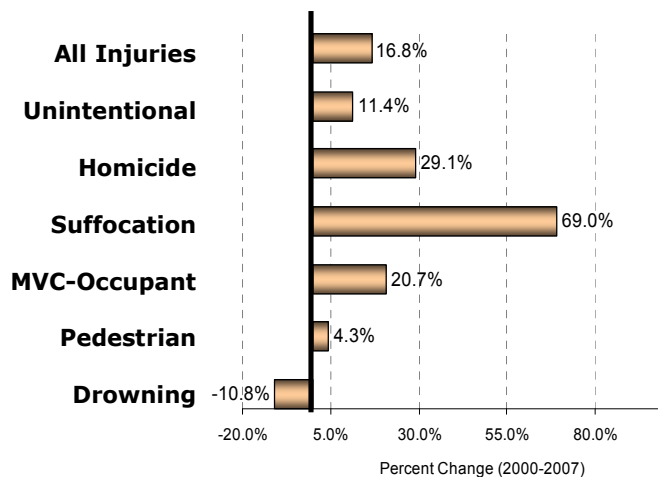
- The figure below shows that after 3 years of decline between 2003-2006, the unintentional injury death rate nearly doubled in 2007.
- After 6 years of relatively unchanged rates, the homicide rate more than doubled in 2006. Although the incidence declined from 30 to 22 deaths between 2006-2007, the 2007 homicide rate was the 2nd highest rate over this 8-year period.
- Suicide is a rare event among children aged 0-17, but 2007 saw the incidence of suicide increase from 1 to 5 deaths, the highest incidence since 2002.

**Injury Death Rates by Intent of Injury
Residents Aged 0-17 Years
Miami-Dade Co, 2000-2007**



Intent of Injury	2000	2001	2002	2003	2004	2005	2006	2007
Unintentional deaths	59	64	59	70	64	50	37	70
Unintentional rate	10.5	11.2	10.4	12.1	10.8	8.4	6.2	11.7
Homicide deaths	16	12	16	13	17	12	30	22
Homicide rate	2.8	2.1	2.8	2.2	2.9	2.0	5.0	3.7
Suicide deaths	2	6	6	3	1	3	1	5
Suicide rate	*	1.1	1.1	*	*	*	*	0.8
Undetermined deaths	1	0	0	0	0	1	0	0
Undetermined rate	*	*	*	*	*	*	*	*
All Injuries deaths	78	82	81	86	82	66	68	97
All Injuries rate	13.9	14.4	14.2	14.8	13.9	11.0	11.4	16.2

Percent Change in Injury Mortality Rates, 2000-2007



The graph to the left shows the percent change in injury mortality rates from 2000-2007 for the most common causes of child death.

- Deaths due to suffocation had the greatest rate increase since 2007 (69%) and mostly reflected unintentional infant suffocation deaths.

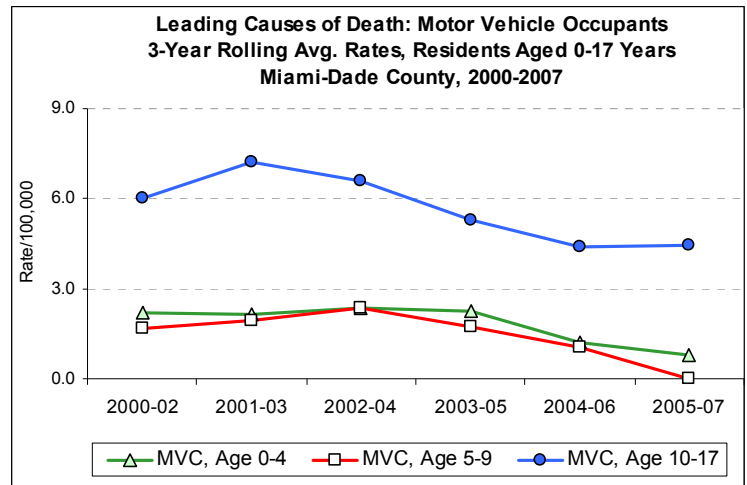
- Although drowning was the only mechanism of death to show a decline over this 8-year period, 2007 experienced the most drowning cases (19) since 20 deaths in 2000.

Changes in Suicide Rates were not calculated because of too few cases

Trends in Injury Deaths for Selected Injury Mechanisms and Age Groups

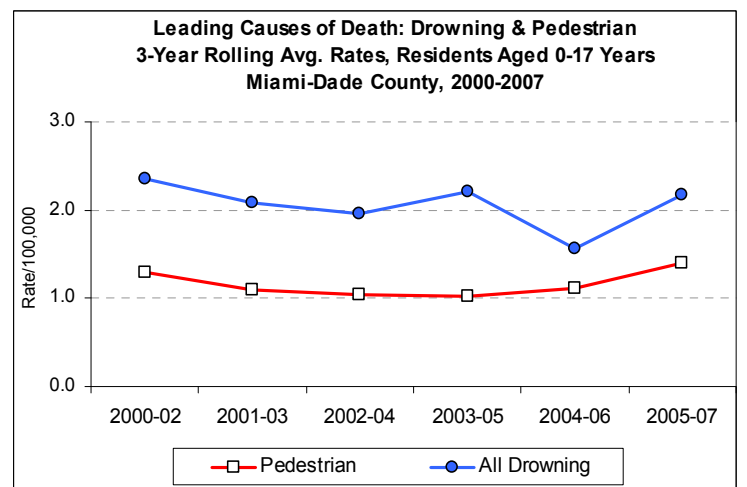
Motor Vehicle Occupant Deaths

- More than 1/2 of all MVC-occupant deaths occurred to children aged 15-17 years.
- The 3-year average MVC-occupant death rate for 10-17 year olds dropped steadily between the years 2001-03 through 2004-06. This decline stopped for the period 2005-07 due to a 70% increase in the death rate between 2006-2007 (10 to 17 deaths).
- There were no MVC-occupant deaths to children aged 5-9 during the years 2005-2007 and only a single death to children aged 0-4 for 2006 and 2007.



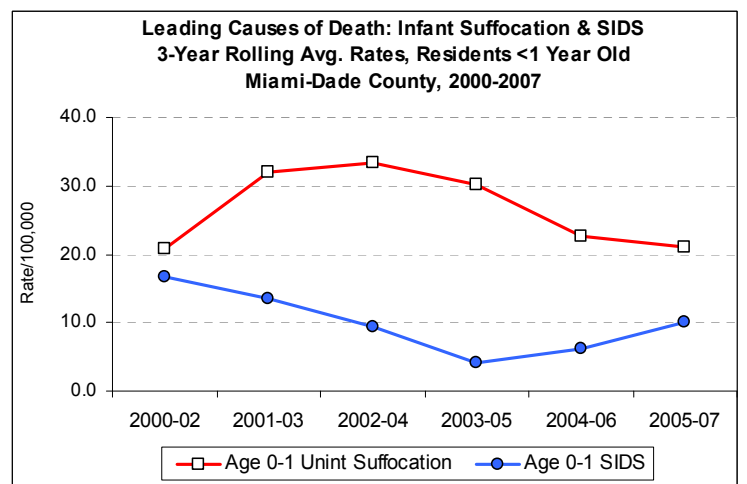
Drowning and Pedestrian Deaths

- The drowning death rate has fluctuated over this 8-year period. The sharp increase observed between 2004-06 and 2005-07 reflects an increase from 5 drowning incidents in 2006 to 19 deaths in 2007.
- The pedestrian death rate remained unchanged between 2001-03 and 2004-06. However, the rate has been gradually increasing since 2004, with the 2007 rate of 1.7/100,000 more than twice the 2004 rate of 0.8/100,000.



Infant Suffocation and SIDS Deaths

- The infant suffocation death rate also fluctuated over this period, reaching a peak in 2002-04, then declining each 3-year period thereafter.
- The SIDS death rate declined for 3 consecutive periods to its lowest rate in 2003-05. This decline coincided with an increasing infant suffocation rate and probably reflected an improvement in the identification of risk factors that attributed some SIDS deaths to infant suffocation.



Produced by the Miami-Dade County Injury Surveillance System

Data Sources: Death Certificates, Office of Vital Statistics, FL Dept. of Health
 Medical Examiner Records, Miami-Dade Co. Medical Examiner Dept.
 PHONE: (IFCK): 305-804-7212 (MDCHD): 305-470-5649
 E-MAIL: stephen.dearwater@jhsmiami.org
 MDCISS website: <http://dadehealth.org/injury/INJURYIntro.asp>

