

## Motor Vehicle Occupant Injuries, Age 0-17 Years, 2007-2009

Injuries suffered as a motor vehicle occupant (MVC) during a crash is the 2<sup>nd</sup> leading cause of injury death and 4<sup>th</sup> leading cause of injury hospitalization among Miami-Dade Co. children.

Between the years 2007-2009:

- 42 Miami-Dade Co. children age 17 and under died as a result of MVCs from 2007-2009.
- 405 children were hospitalized as a result of MVCs.
- 5,422 children were treated in the emergency department as a result of MVC injuries.

Injury Severity	2007	2008	2009	Total
Deaths	18	9	15	42
Hospitalizations	176	107	122	405
ED Visits	1,946	1,724	1,752	5,422
Total	2,140	1,840	1,889	5,869

- Among the 42 child fatalities, 14 victims were drivers (33%) and 26 were passengers (60%).
- 31 of 42 victims were either drivers or passengers in cars or SUVs at the time of their death, 2 victims died as passengers in pick-up trucks and 2 victims were driving ATVs in traffic.

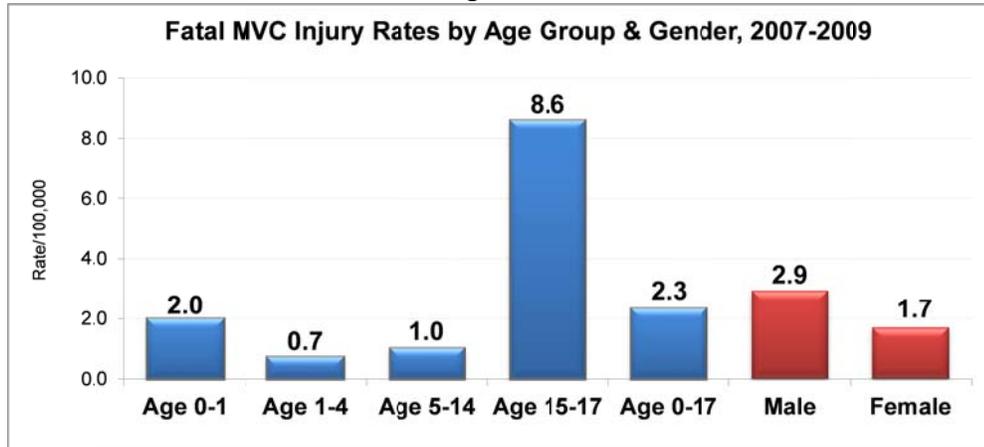
Vehicle Type	Driver	Passenger	Unknown
Car, SUV	10	21	
Pick-up Truck		2	
ATV in traffic	2		
Unspecified Vehicle	1	3	2
Total	14	26	2

- Nonfatal MVC injuries during 2009 were estimated to have cost more than \$11 million dollars in hospitalization and ED charges (Table).

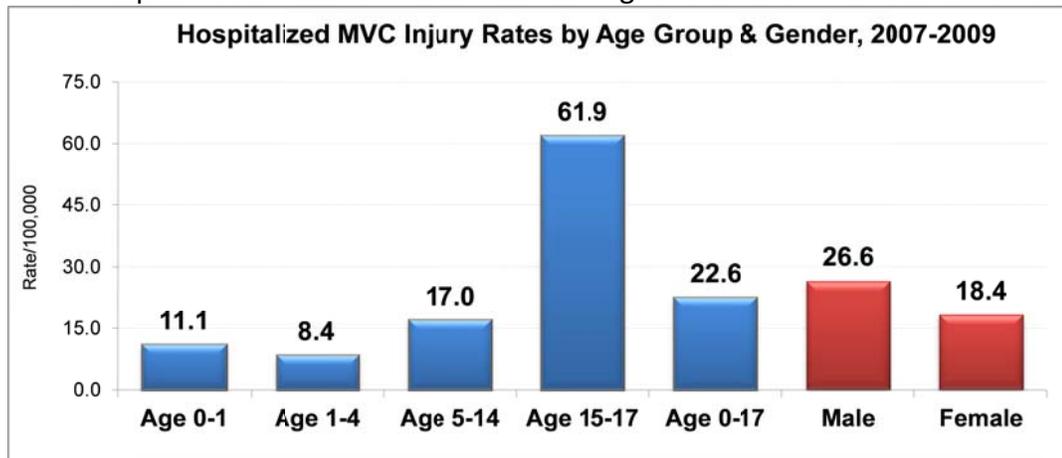
2009 Hospital & ED Charges for Nonfatal Motor Vehicle Crash Injuries to Miami-Dade Co. Children Age 0-17			
	Number	Total Charges	Median Charge
Hospitalizations	122	\$5,673,059	\$32,565
ED Visits	1,752	\$5,419,365	\$1,361
All Nonfatal MVC Injuries	1,874	\$11,029,424	\$1,577

The figures below display MVC injury rates by age and gender.

- The oldest children (age 15-17) accounted for 27 of the 42 MVC deaths (64%) and had a MVC death rate that was more than 4-times larger than that for any other age group.
- The MVC death rate for males was 72% higher than the MVC rate for females.



- The oldest children (age 15-17) were most likely to be hospitalized due to a MVC. The hospitalization rate for this group was more than 3-times higher than any other age group.
- The MVC hospitalization rate for males was 45% higher than the MVC rate for females.



- Like hospitalizations, children age 15-17 were most likely to be seen in the ED for MVC injuries. The ED visit rate for this group was nearly 3-times larger than the other age groups.
- Females were 28% more likely than males to be treated in the ED as a result of MVCs.

