

Traumatic Brain Injury Data

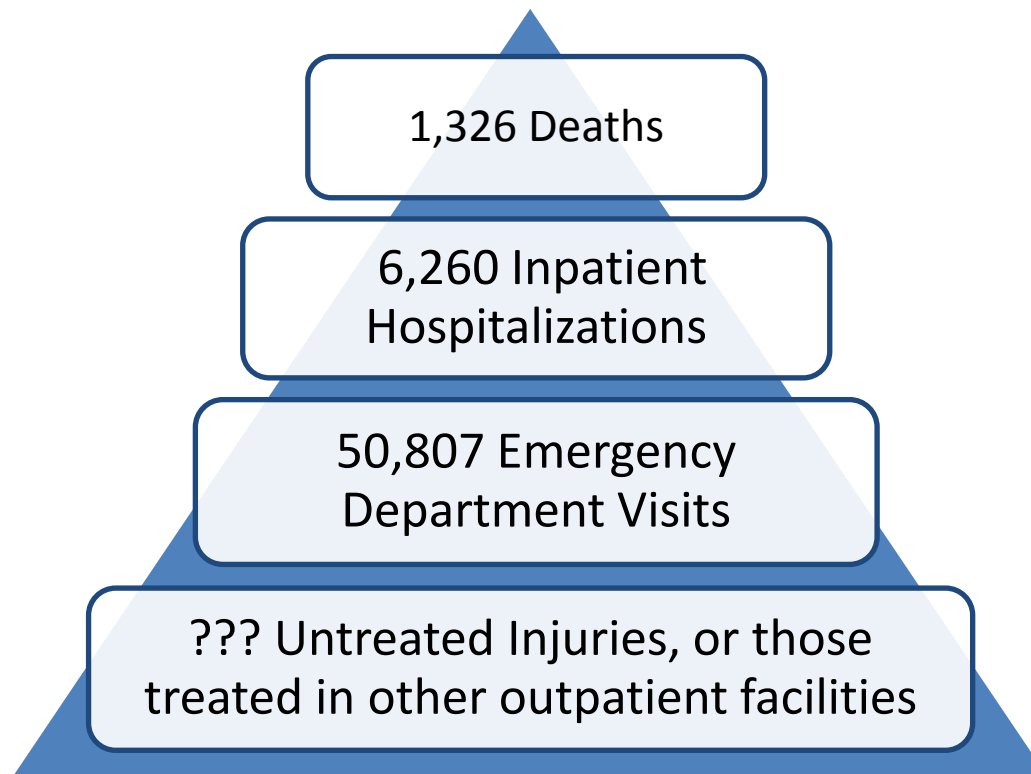
Arizona 2013

Jennifer Dudek MPH



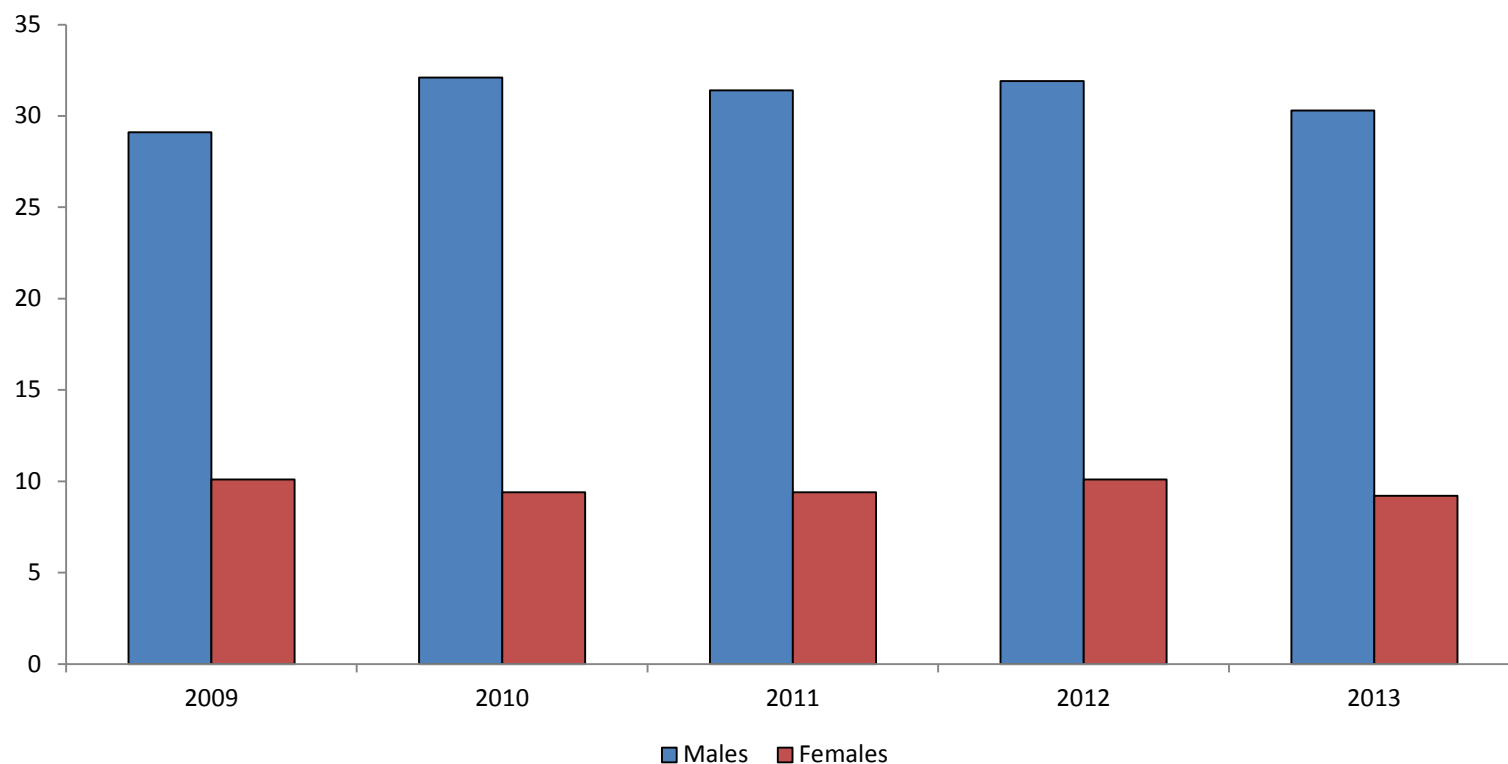
Health and Wellness for all Arizonans

Traumatic Brain Injuries, Arizona 2013

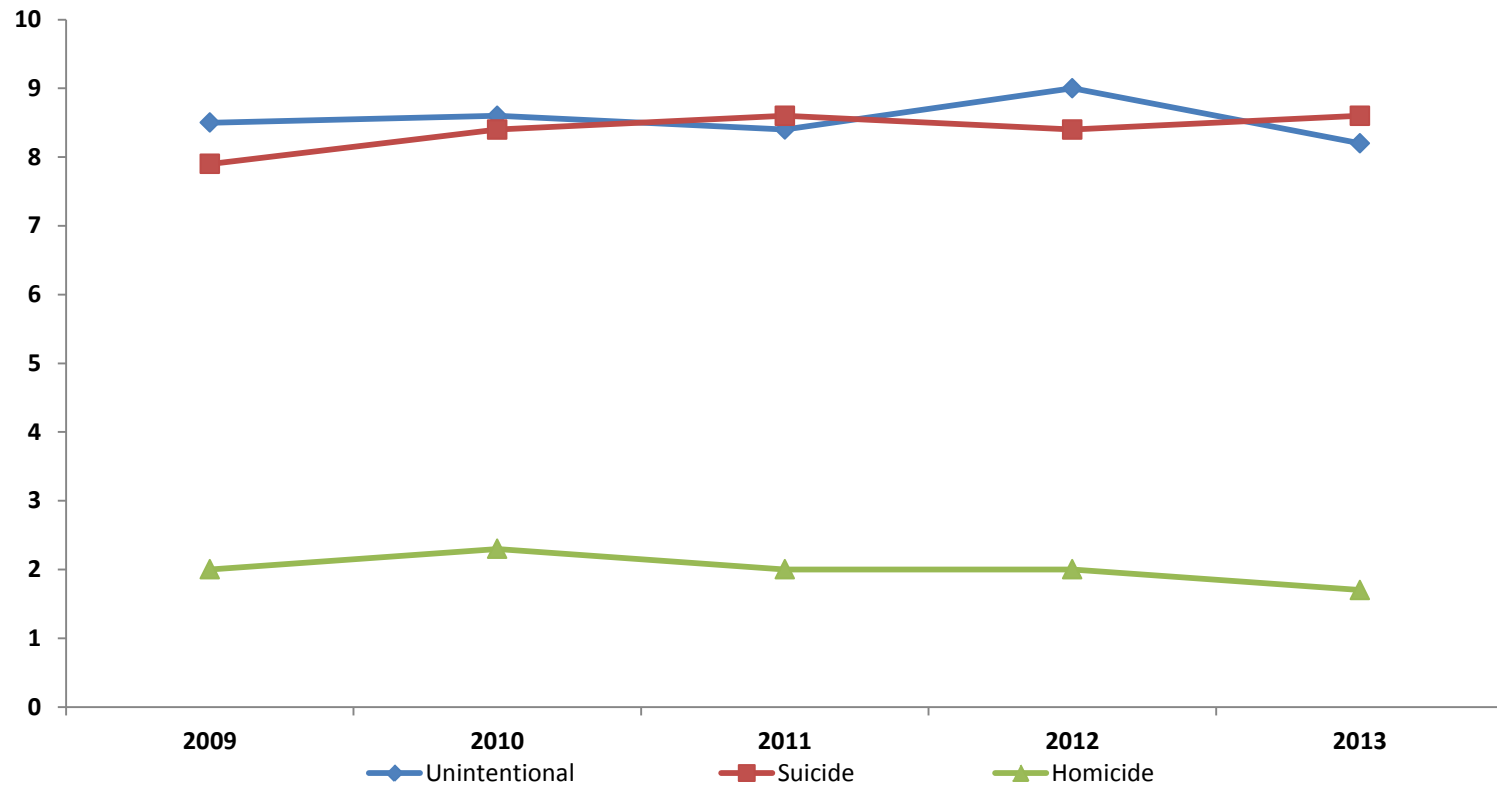


5 Year Trends

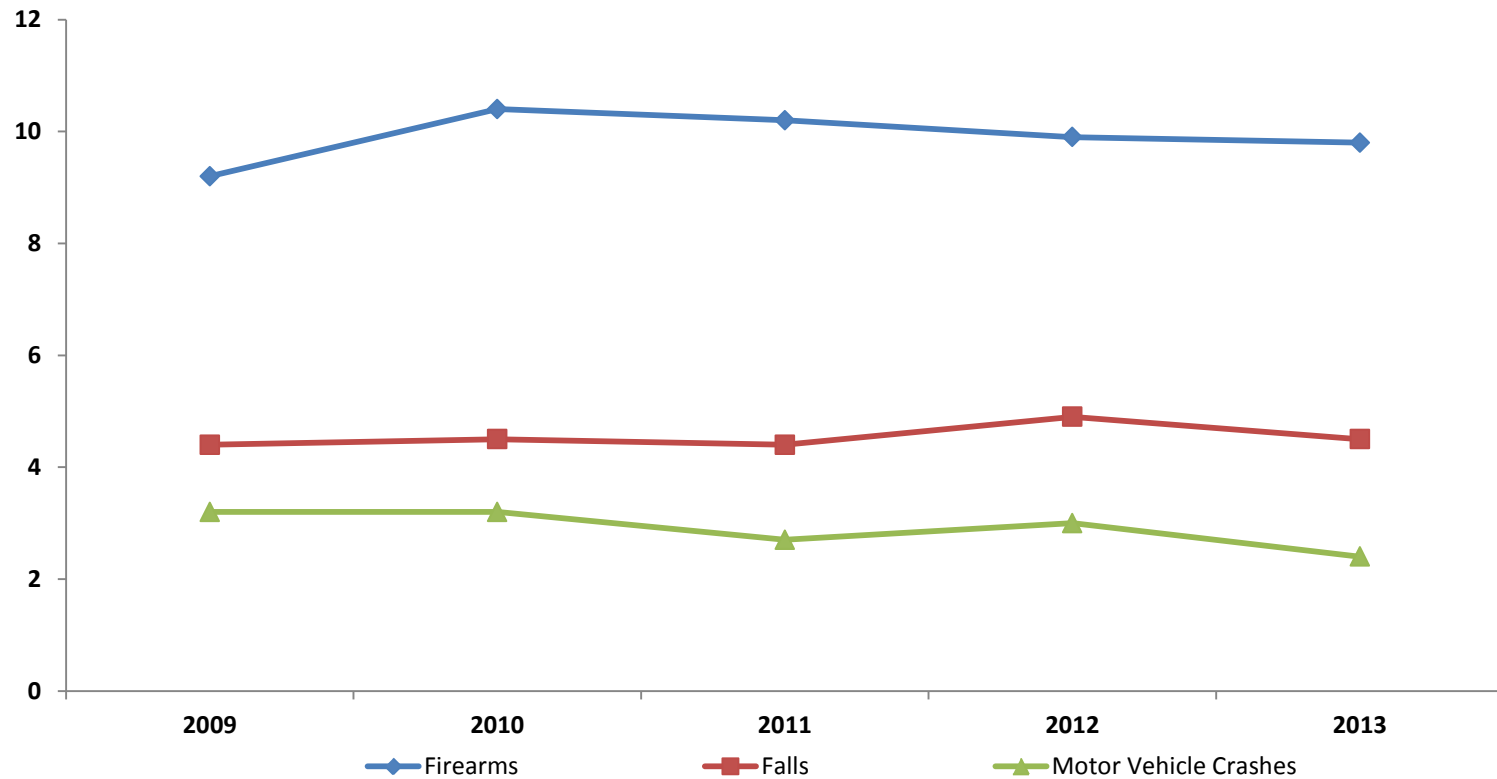
Age-Adjusted TBI Mortality Rates by Sex per 100,000 Residents, Arizona, 2009-2013



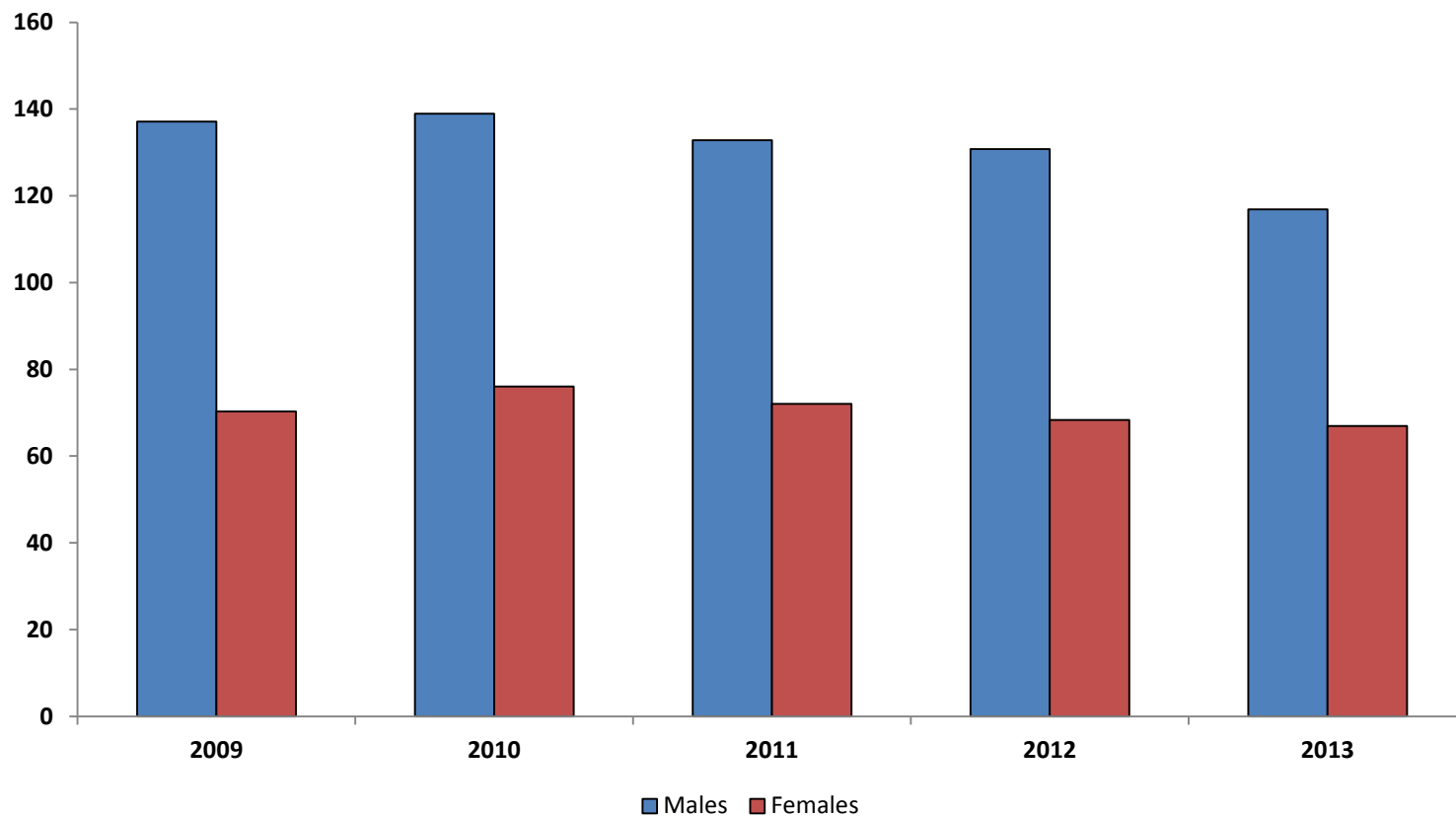
Age-Adjusted TBI Mortality Rates per 100,000 Residents by Manner of Death, Arizona, 2009-2013



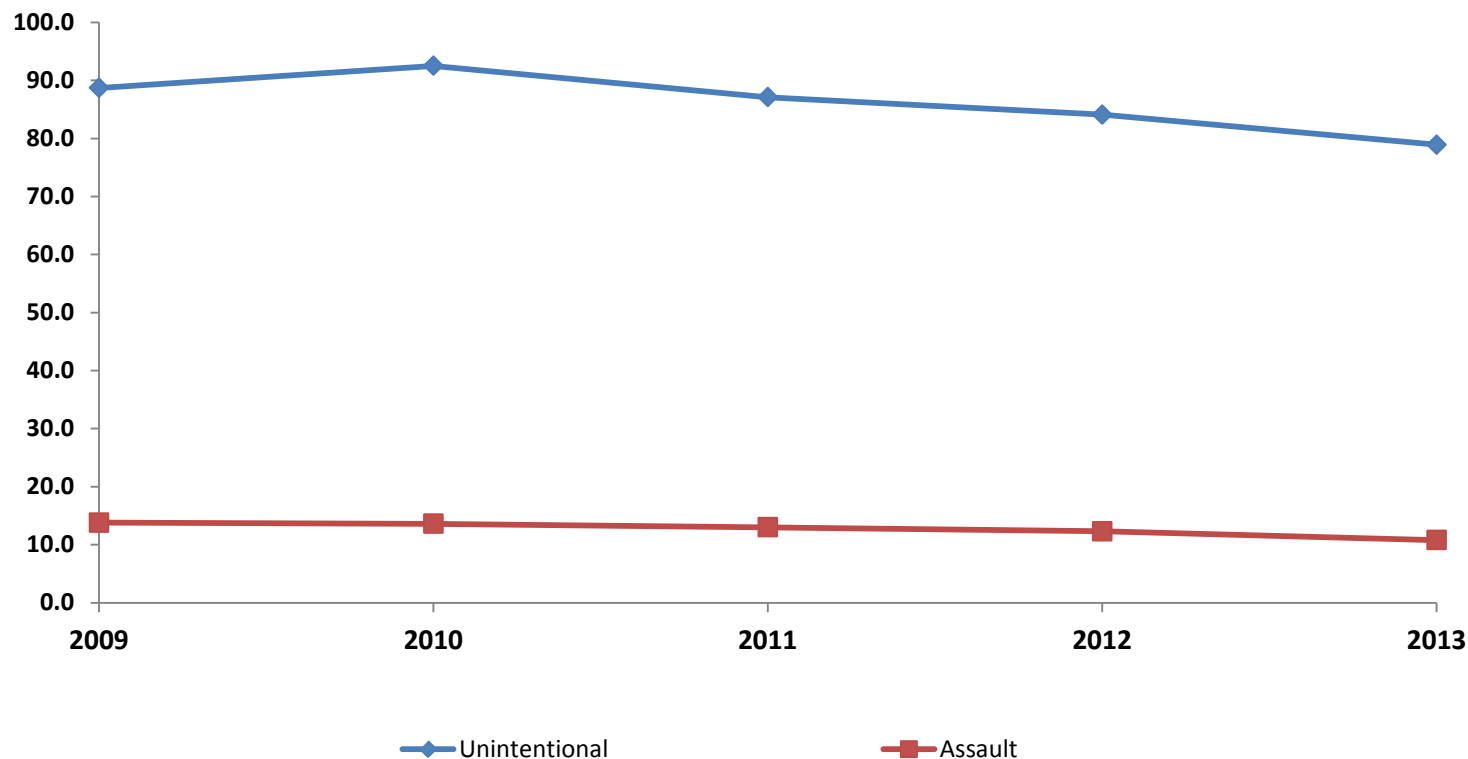
Age-Adjusted TBI Mortality Rates Per 100,000 Residents By Mechanism, Arizona, 2009-2013



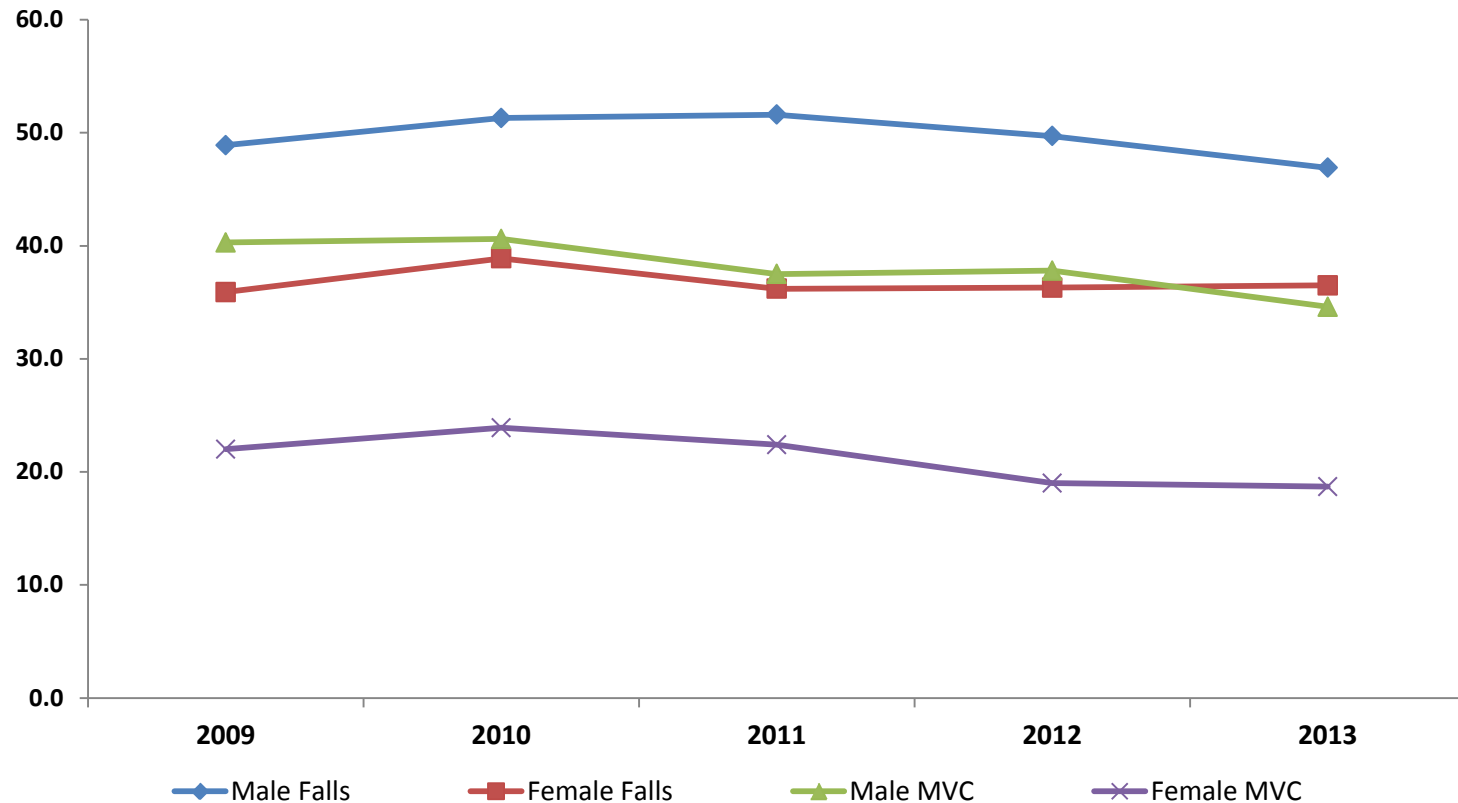
Age-Adjusted Non-Fatal TBI-Related Inpatient Hospitalization Rates by Sex, Arizona, 2009-2013



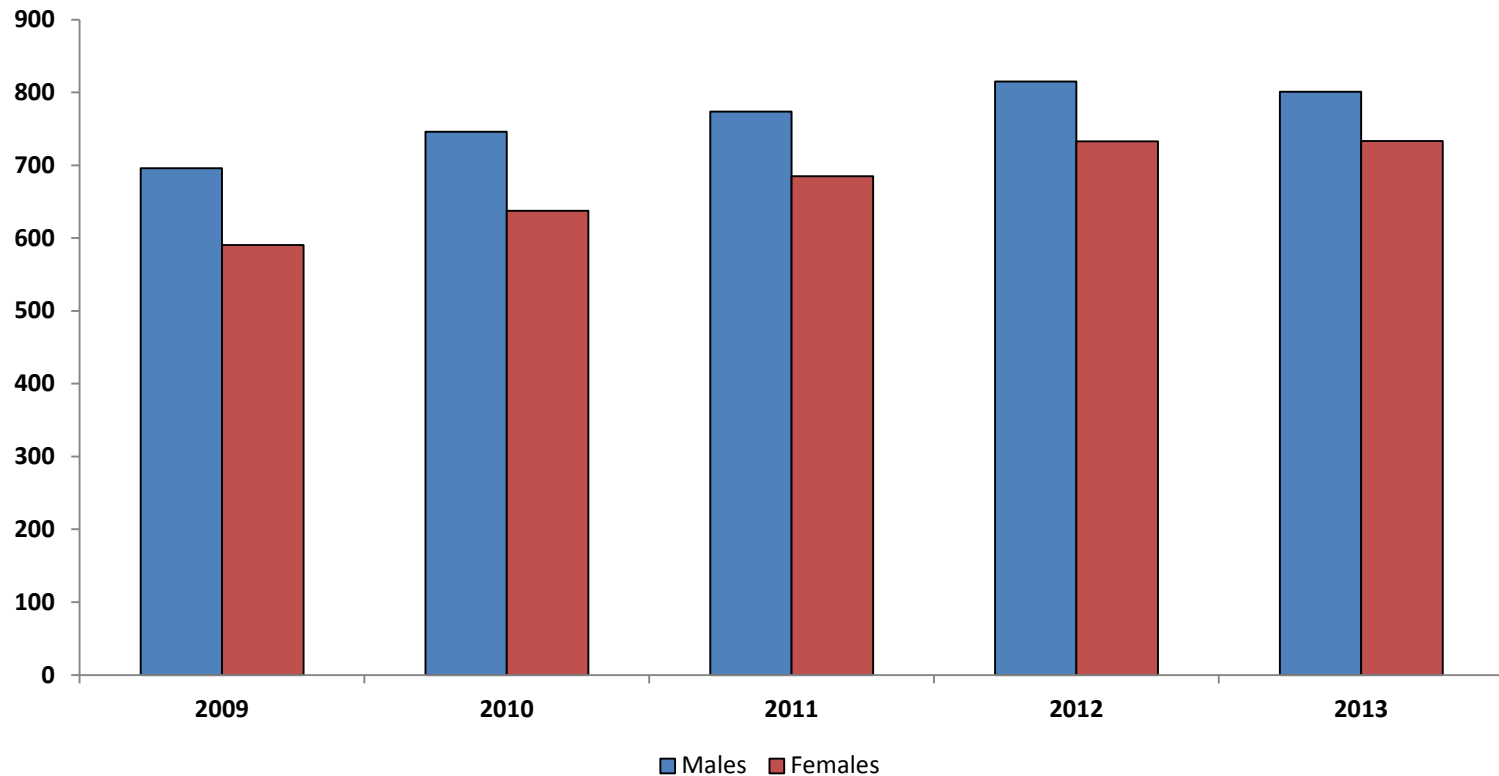
Age-Adjusted Non-Fatal TBI-Related Inpatient Hospitalization Rates Per 100,000 Residents By Manner Of Injury, Arizona, 2009-2013



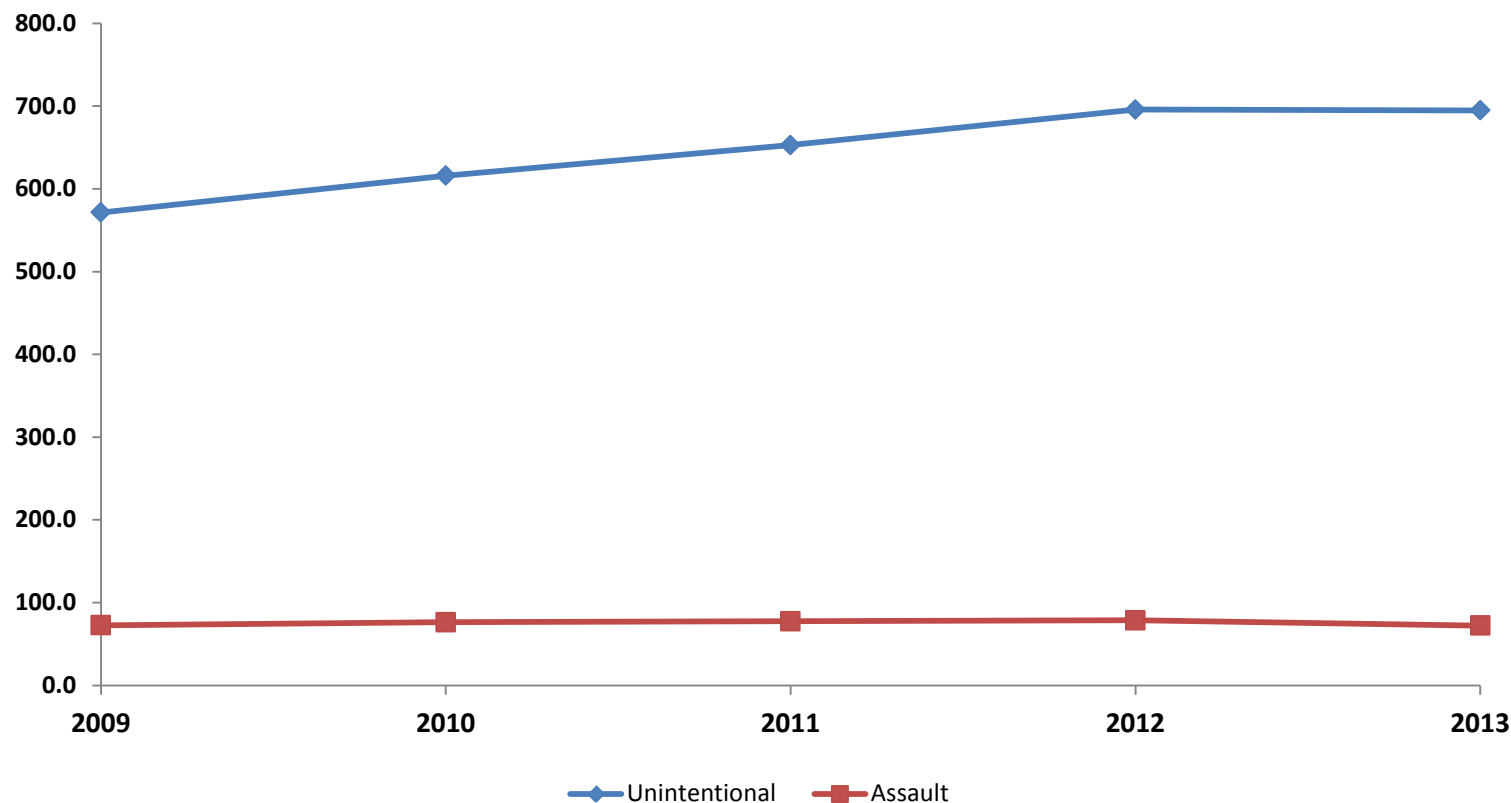
Age-Adjusted Non-Fatal TBI Inpatient Hospitalization Rates per 100,000 Residents by Mechanism and Sex, Arizona, 2009-2013



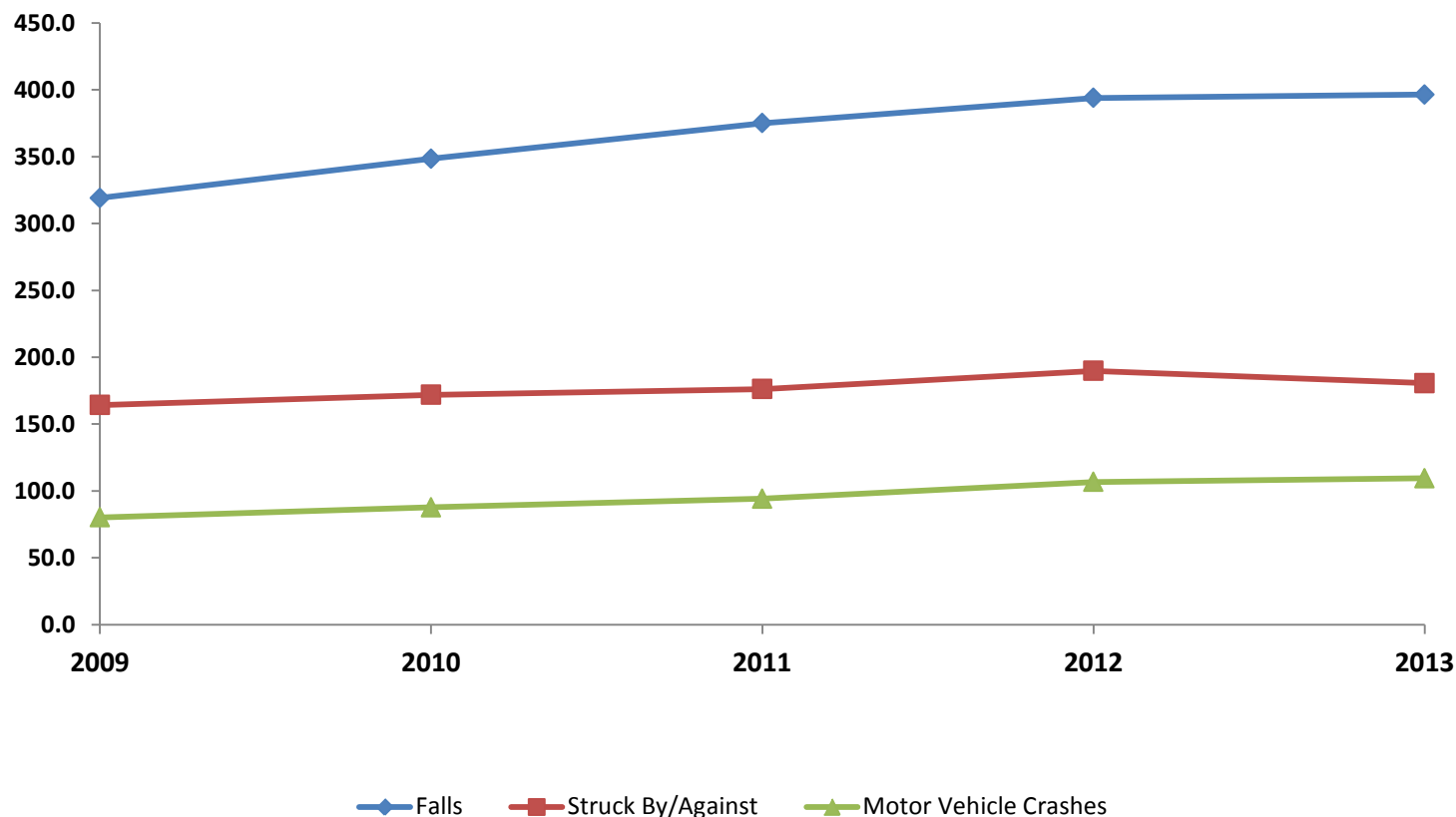
Age-Adjusted Non-Fatal TBI-Related Emergency Department Visit Rates by Sex, Arizona, 2009-2013



Age-Adjusted Non-Fatal TBI-Related Emergency Department Visit Rates per 100,000 Residents by Manner of Injury, Arizona, 2009-2013



Age-Adjusted Non-Fatal TBI-Related Emergency Department Visit Rates Per 100,000 Residents By Selected Cause Of Injury, Arizona, 2009-2013

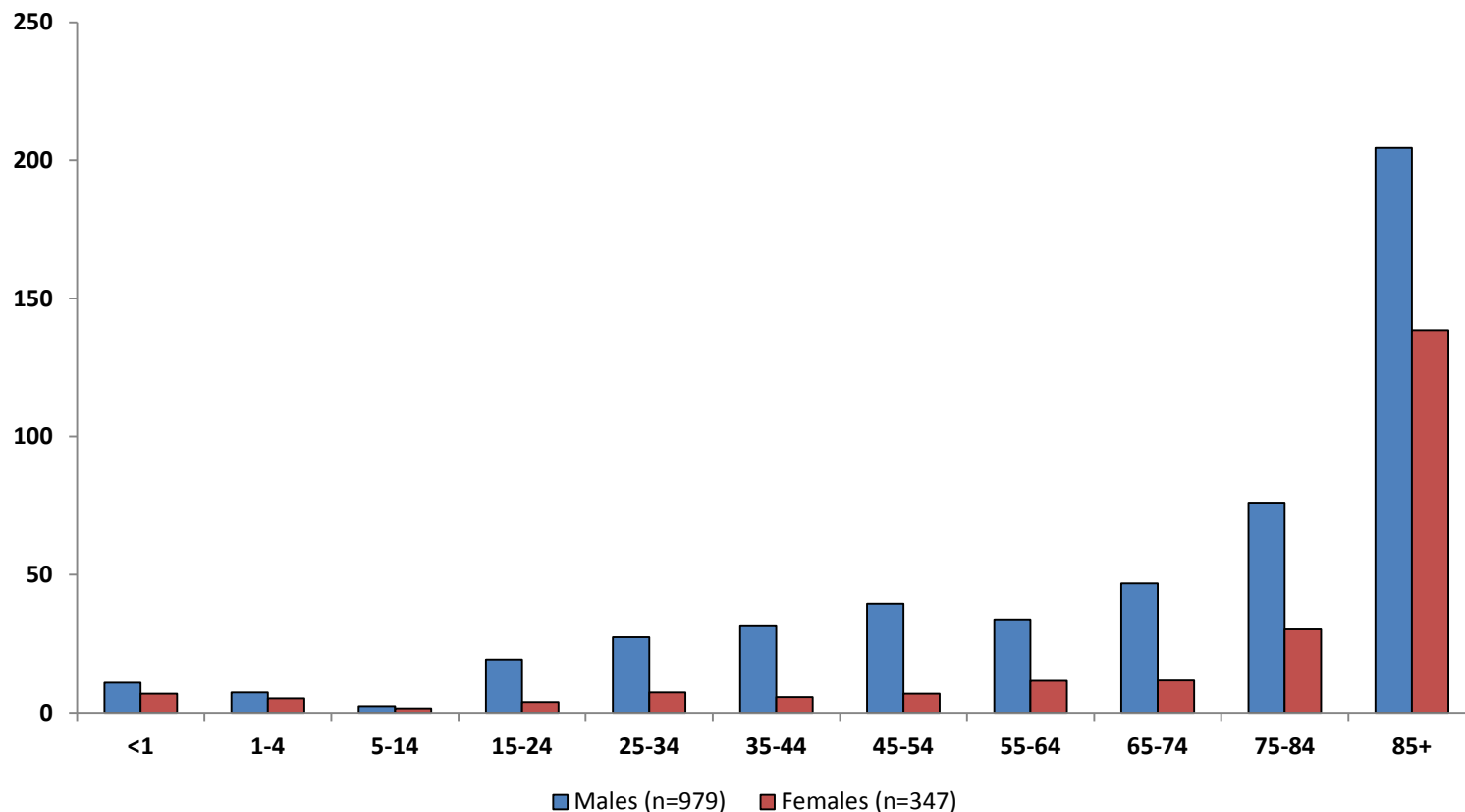


Mortality, 2013

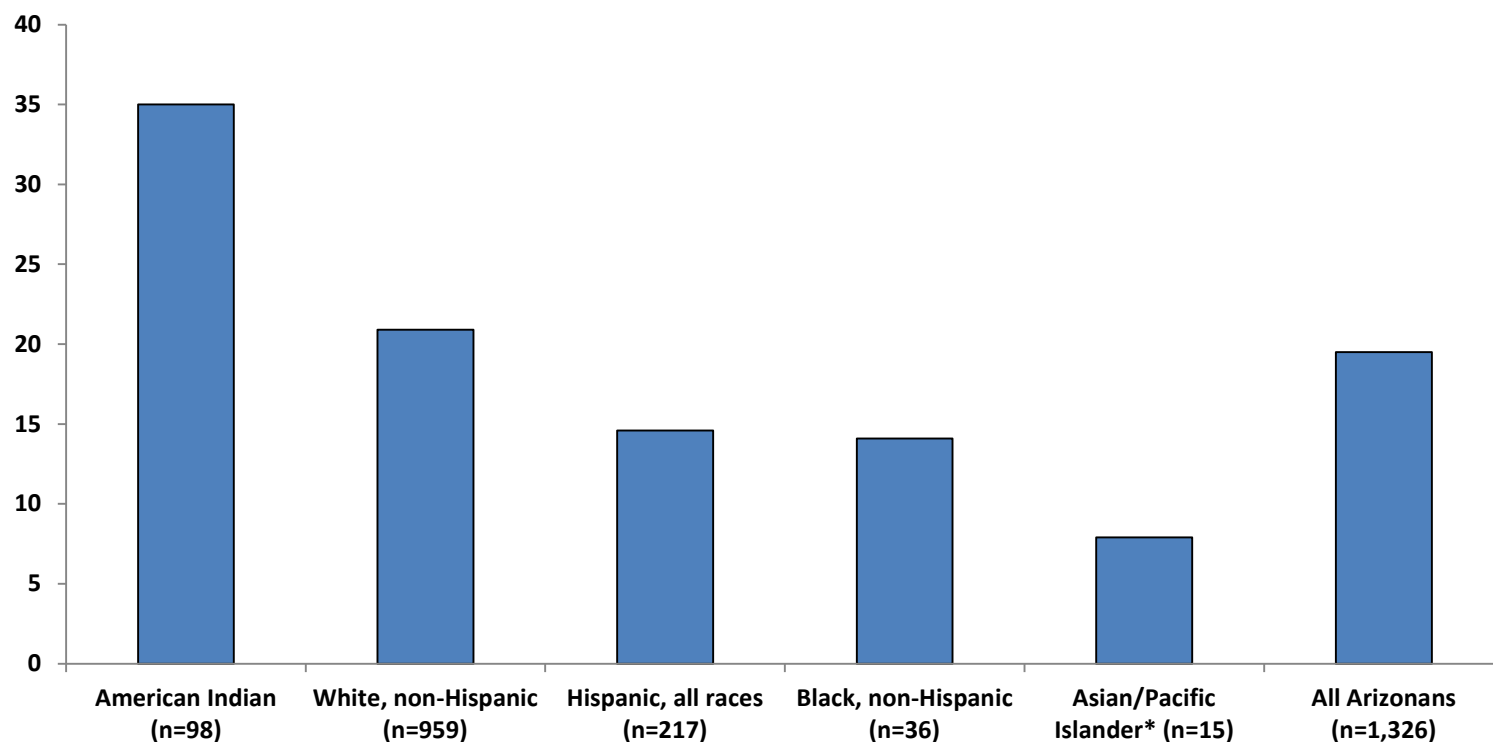


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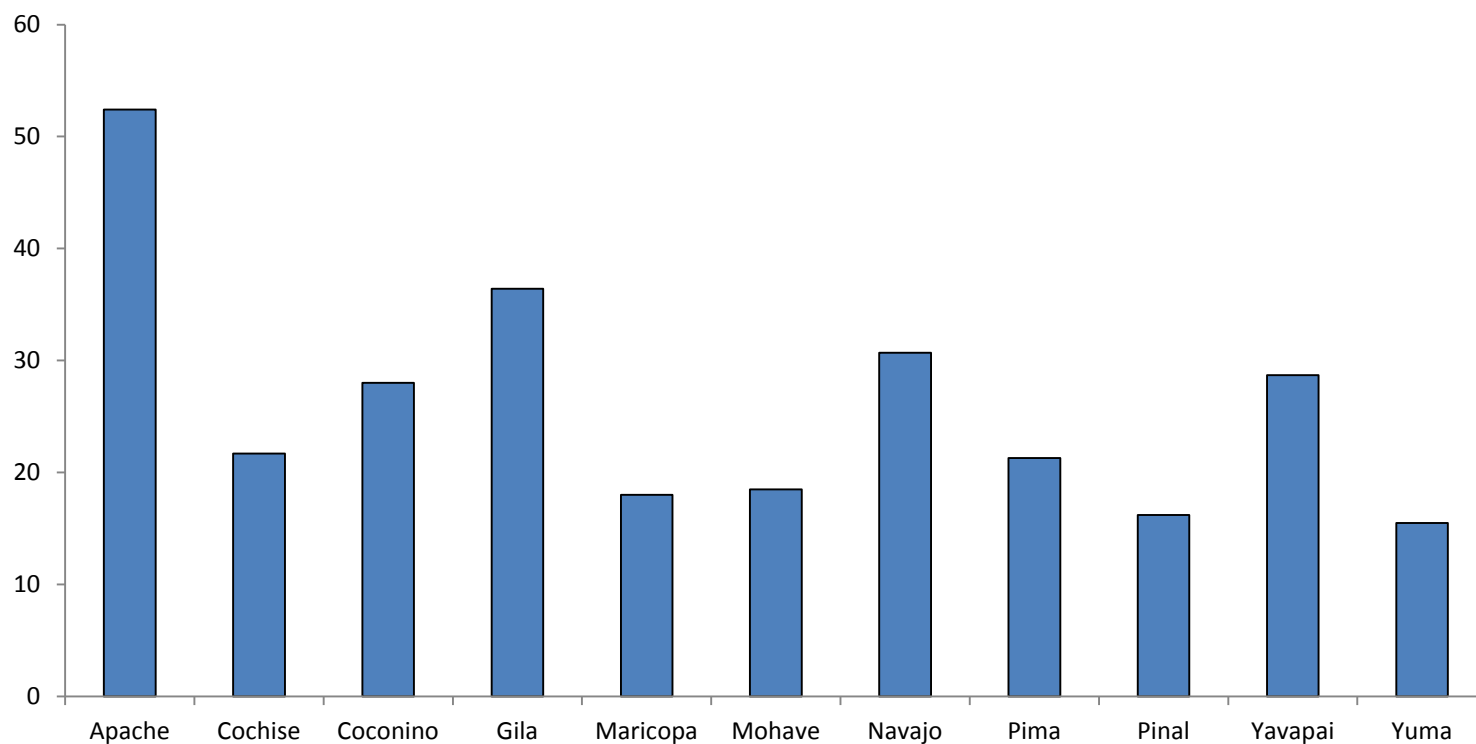
Age-Specific TBI-Related Mortality Rates per 100,000 Residents by Sex, Arizona, 2013 (n=1,326)



Age-Adjusted TBI-Related Mortality Rates per 100,000 Residents by Race/Ethnicity, Arizona, 2013 (n=1,326)



Age-Adjusted TBI-Related Mortality Rates per 100,000 Residents by County, Arizona, 2013 (n=1,326)*

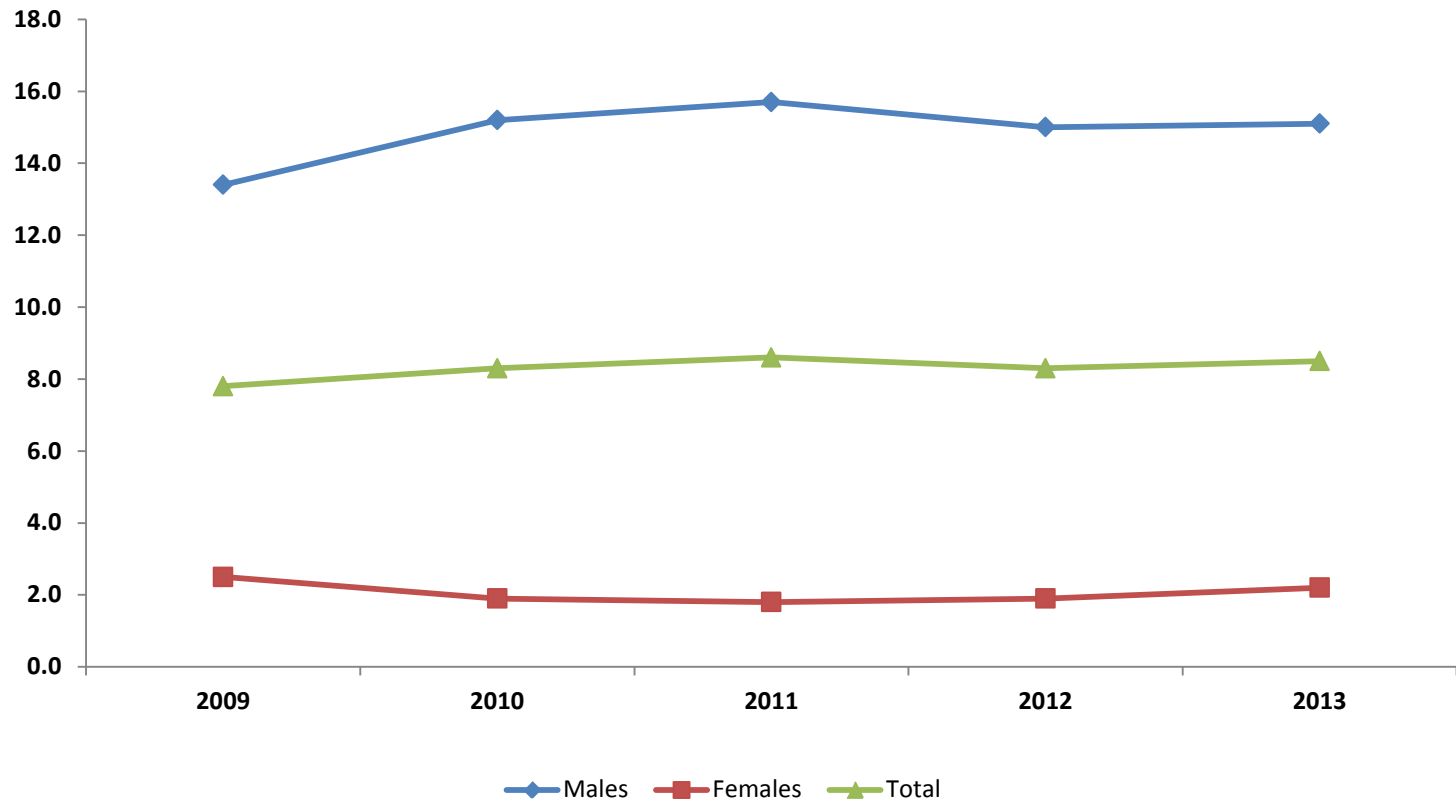


*Only Counties with 20 or more records were included in graph

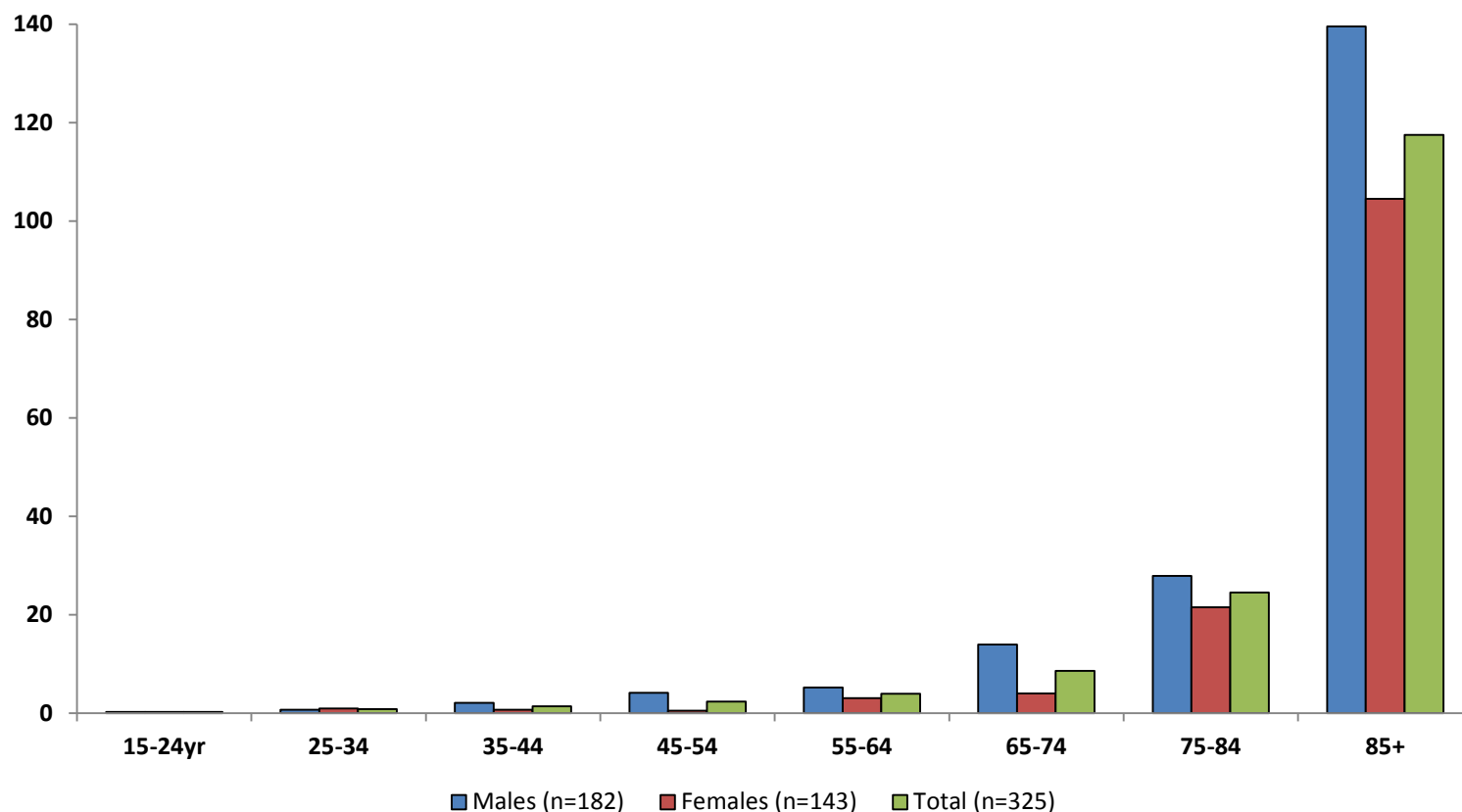
TBI Deaths by Cause, Arizona 2013

Cause	Number	Percentage
Firearm	646	49%
Fall	325	25%
Motor vehicle traffic	159	12%
Other/unspecified/unknown	157	12%
Other land transport	16	1%
Other pedestrian/bicycle	10	<1%
Poisoning	13	<1%
Total	1326	100%

Age-Adjusted TBI Mortality Rate Due To Firearm Suicides By Sex And Year, Arizona, 2009-2013



Fall-Related TBI Mortality Rates per 100,000 Residents by Age and Sex, Arizona, 2013 (n=325)

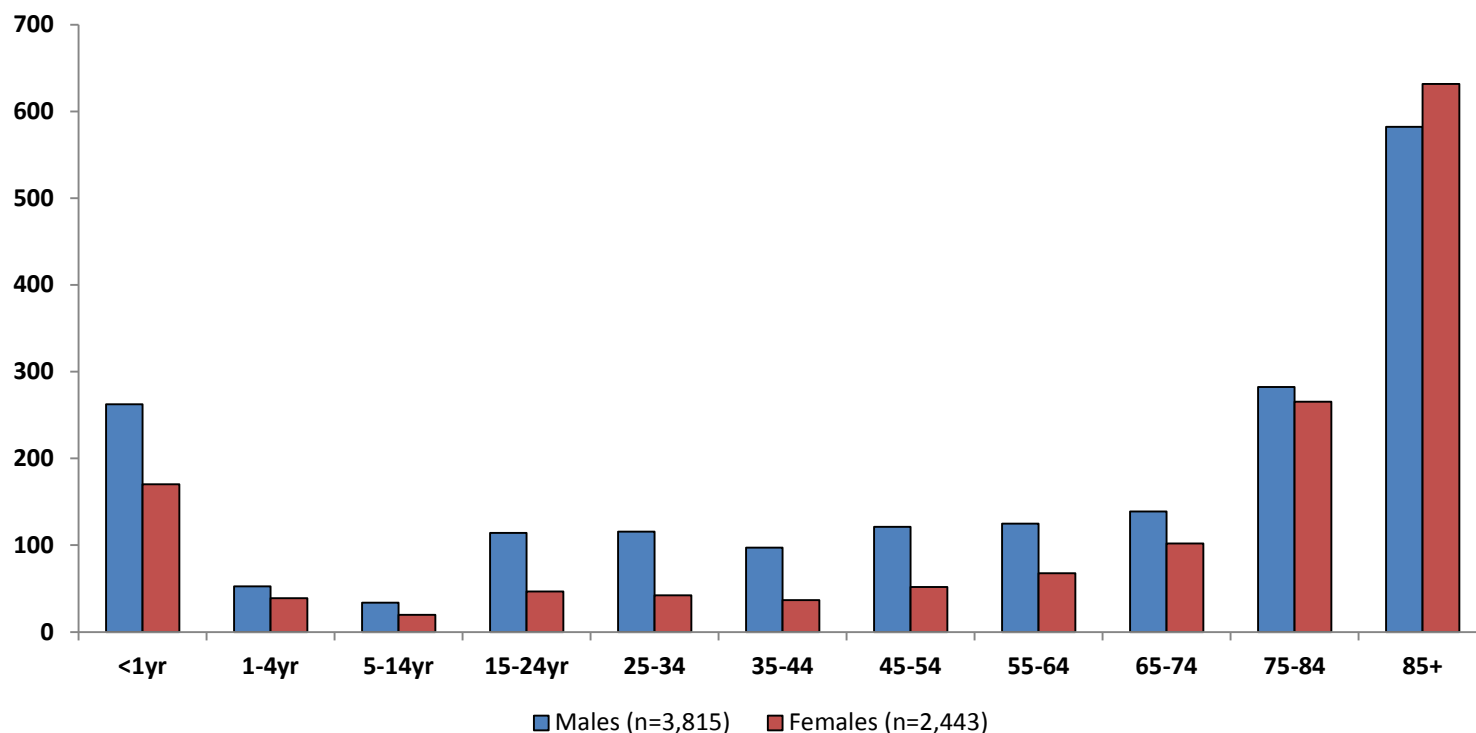


Inpatient Hospitalizations, 2013

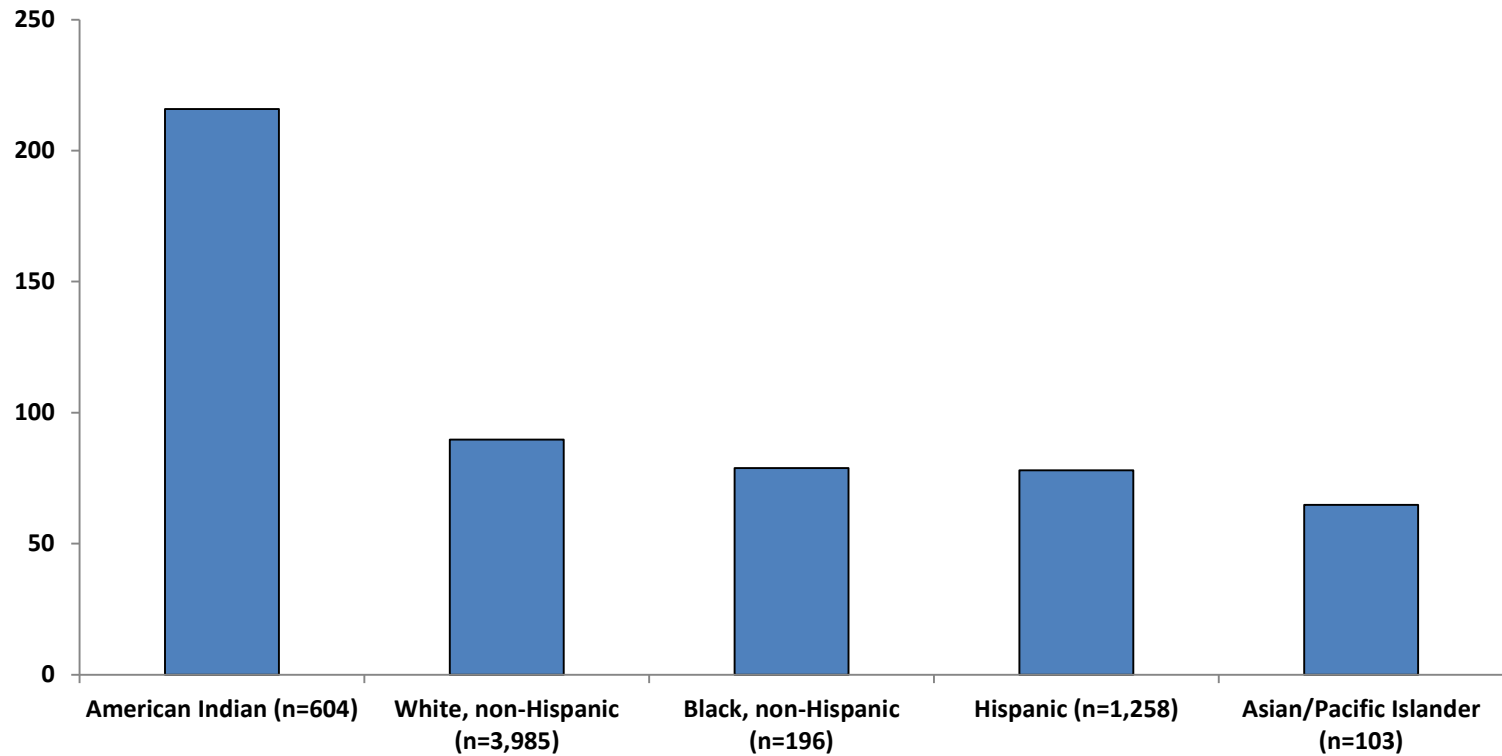


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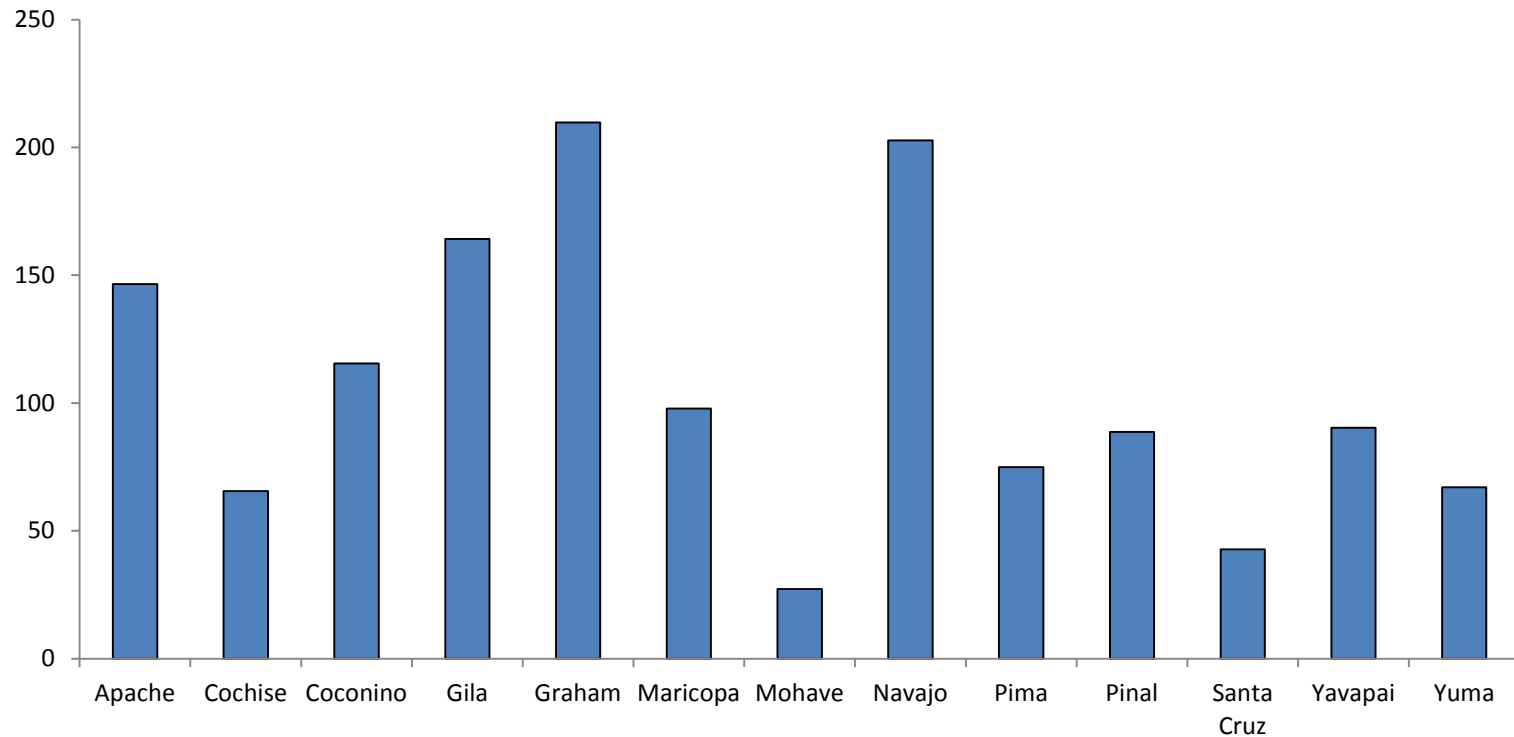
TBI-Related Non-Fatal Inpatient Hospitalization Rates per 100,000 Residents By Age Group and Sex, Arizona, 2013



Age-Adjusted TBI-Related Non-Fatal Inpatient Hospitalization Rates per 100,000 Residents, by Race/Ethnicity, Arizona, 2013 (n=6,260)



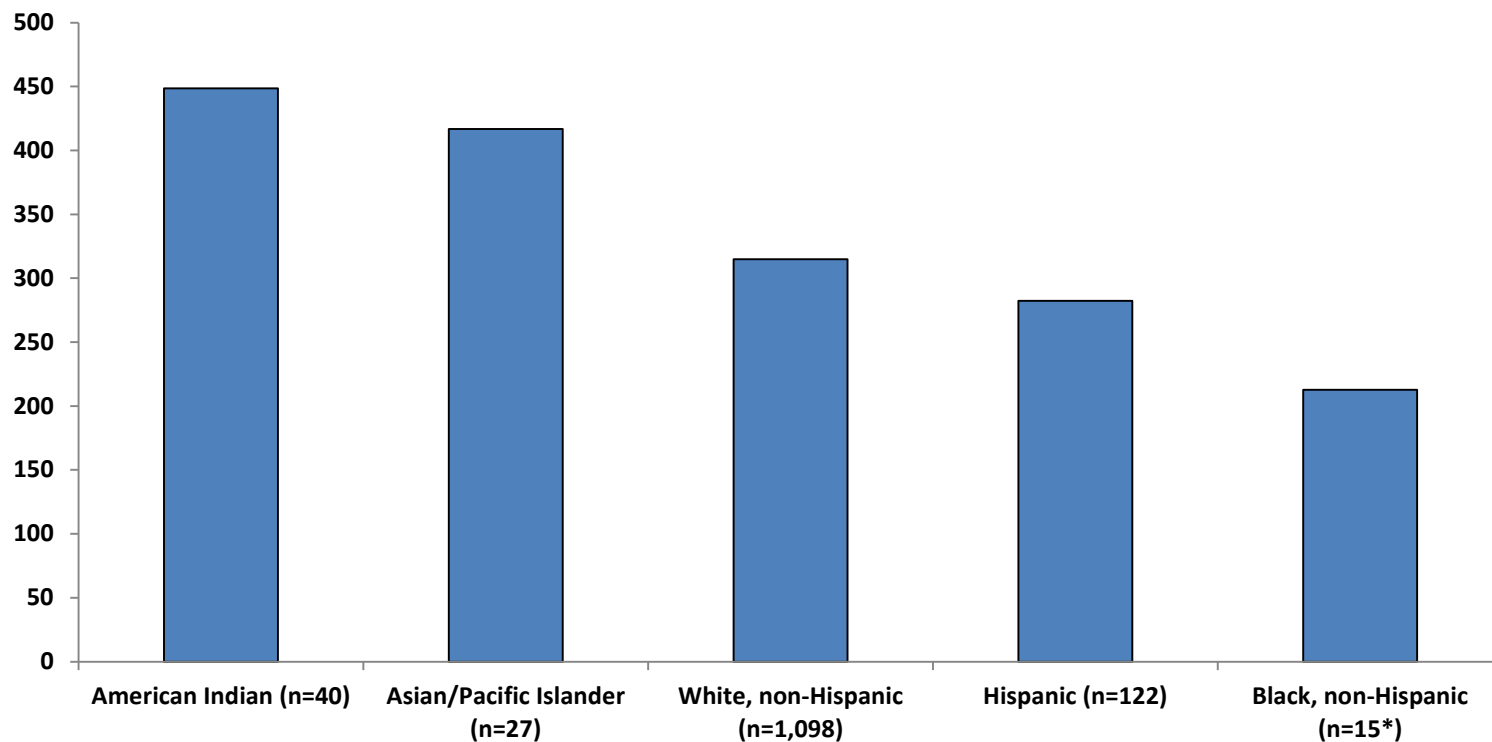
Age-Adjusted TBI-Related Non-Fatal Inpatient Hospitalization Rates per 100,000 Residents, by County, Arizona, 2013 (n=6,260)



TBI Inpatient Hospitalizations by Cause, Arizona 2013 (n=6,260)

Cause	Number	Percentage
Fall	2,966	47%
Motor vehicle traffic	1,749	28%
Struck by/against	606	10%
Other/unspecified	483	8%
Transport	247	4%
Other pedal cycle	125	2%
Firearm	53	1%
Cut/pierce	31	<1%
Total	6,260	100%

Elder Fall-Related Non-Fatal TBI Inpatient Hospitalization Rates per 100,000 Residents 75 years of age and older, by Race/Ethnicity, Arizona, 2013

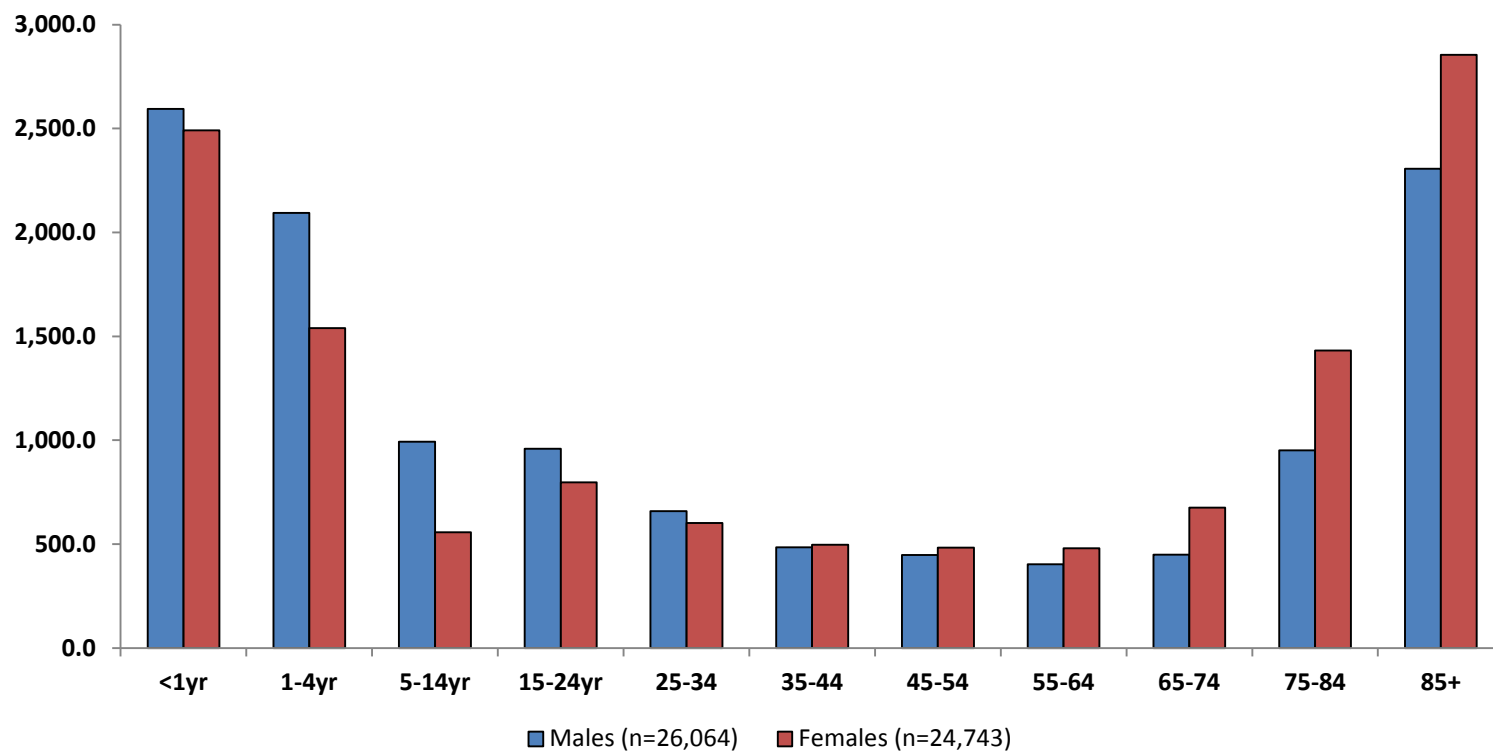


Emergency Department Visits, 2013

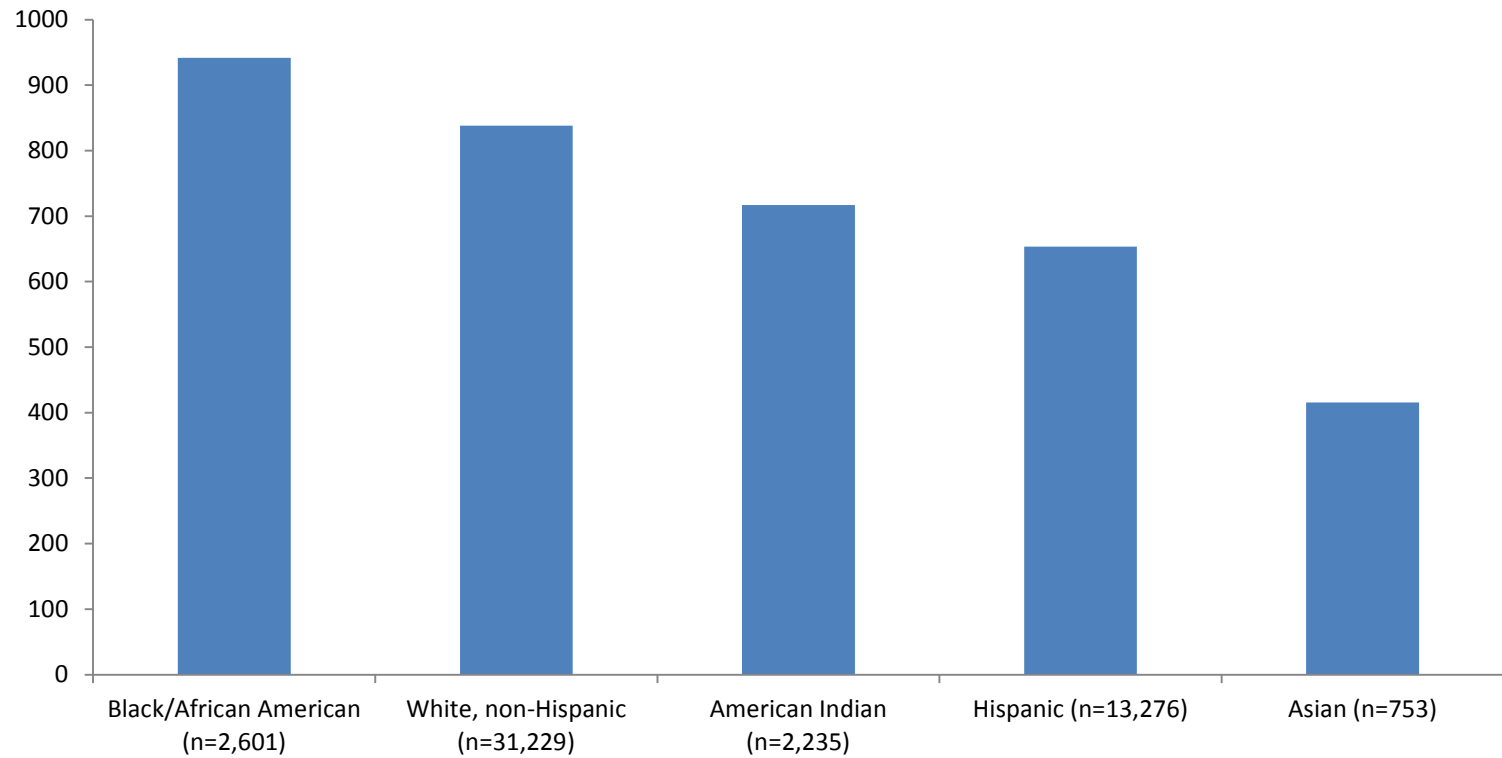


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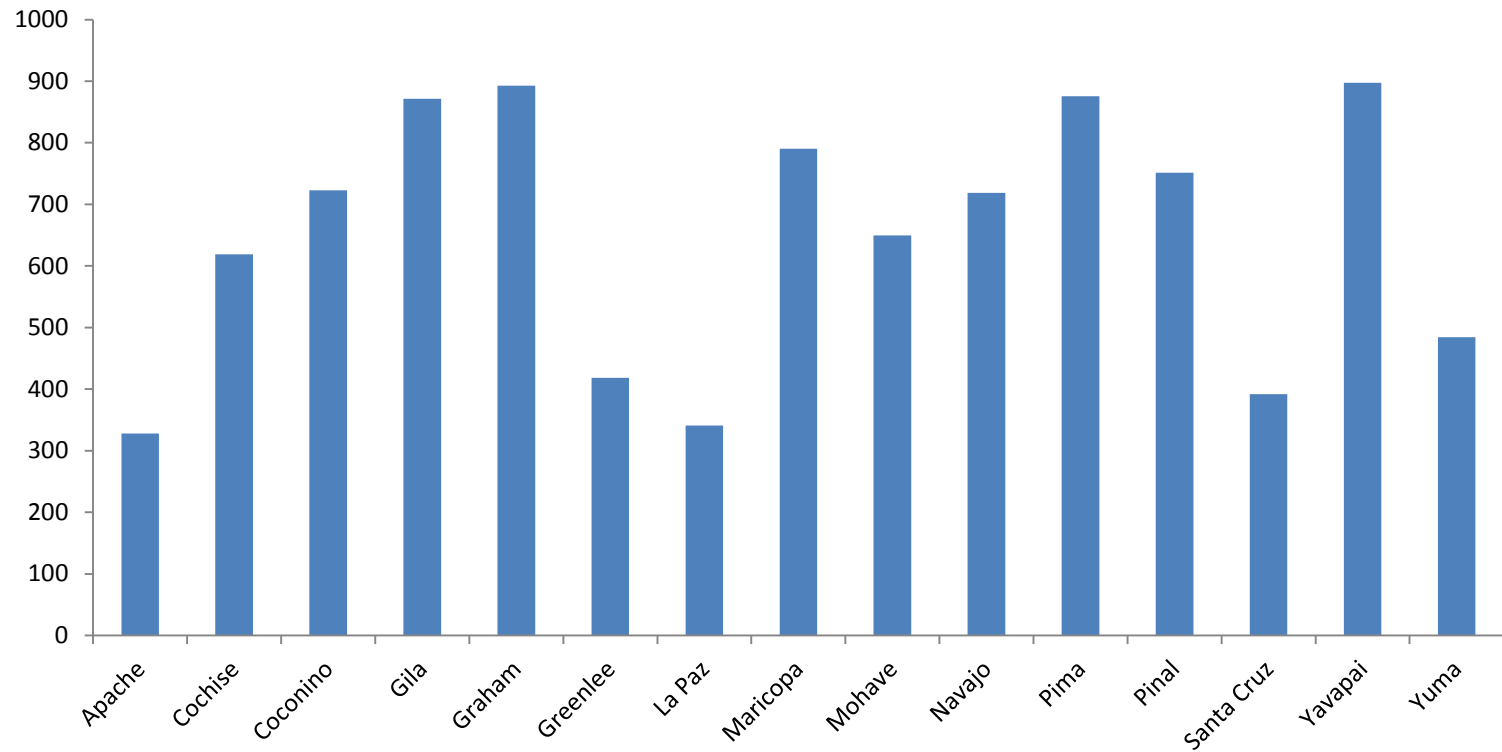
Age-Specific TBI Emergency Department Visit Rates per 100,000 Residents, by Sex, Arizona, 2013 (n=50,807)



Age-Adjusted TBI-Related Non-Fatal Emergency Department Rates per 100,000 Residents, by Race/Ethnicity, Arizona, 2013 (n=50,807)



Age-Adjusted TBI-Related Non-Fatal Emergency Department Rates per 100,000 Residents, by County, Arizona, 2013 (n=50,807)



TBI Emergency Department Visits by Cause, Arizona 2013

Cause	Number	Percentage
Fall	26,679	53%
Struck by/against	11,591	23%
Motor vehicle traffic	7,083	14%
Other/unspecified	3,167	6%
Other pedal cycle	1,161	2%
Transport	1,126	2%
Total	50,807	100%

Pedestrian and Bicycle Injury Data in Children 0-19 Years Old

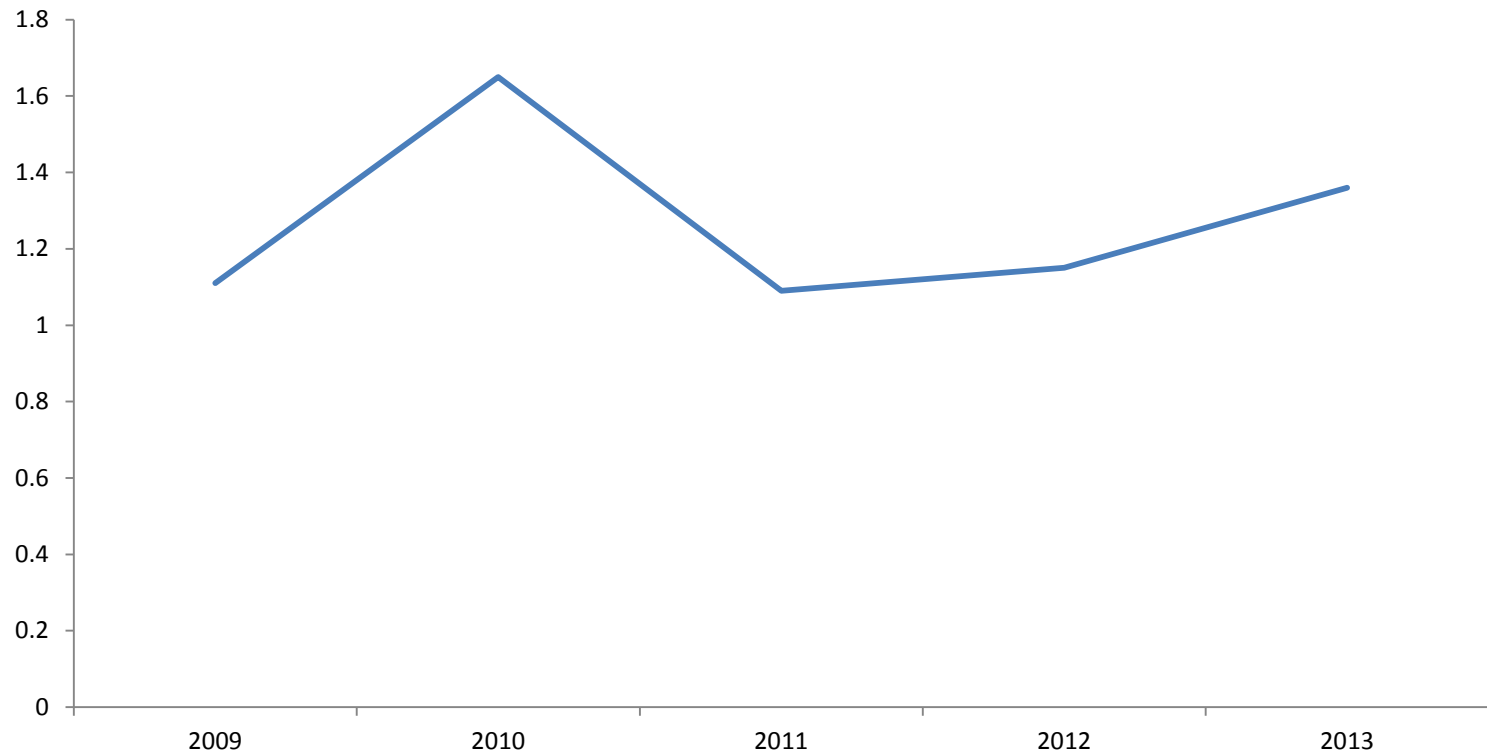
Arizona, 2009-2013

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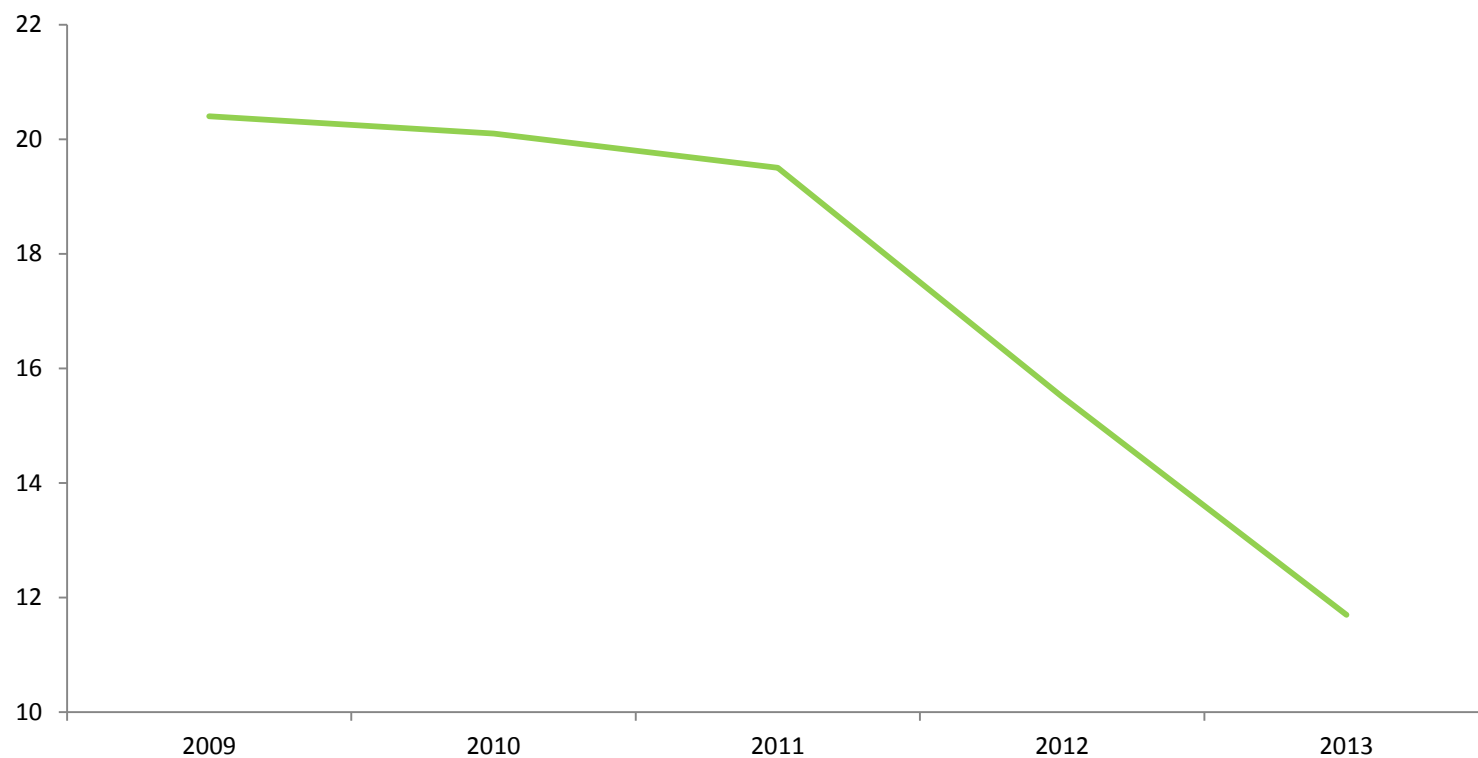


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Mortality Rates for Pedestrian and Bicycle Injuries in Children 0-19 Years of Age per 100,000 Children Arizona 2009-2013



Inpatient Hospitalization Rates for Pedestrian and Bicycle Injuries in Children 0-19 Years of Age per 100,000 Children Arizona 2009-2013



Emergency Department Rates for Pedestrian and Bicycle Injuries in Children 0-19 Years of Age per 100,000 Children Arizona 2009-2013

