

Injuries Related to Sexual Violence in Arizona, 2004-2010

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From 2004-2010 there were a total of 955 hospital discharges in Arizona that included injuries from sexual assault:

- 94% resulted in emergency department visits (n=897) and 6% in inpatient hospitalizations (n=58).
- 90% of identified cases were female (n=860) and 10% were male (n=95).
- 22% were among children 14 years of age and younger (n=213); 26% among individuals aged 15-25 (n=245); 20% among individuals aged 25-34 (n=193); 14% among individuals aged 35-44 (n=130); and 18% among individuals aged 45 or older (n=174).
- The rate of total hospital discharges increased 49% from 1.83 discharges per 100,000 residents in 2004 to 2.72 discharges per 100,000 residents in 2010.

Between 2004 and 2010:

- Average inpatient hospital cost for an injury-related hospitalization related to sexual assault was \$23,391.
- Average cost for an emergency department visit with an injury related to sexual violence was \$1,656.
- The total hospital costs* for all inpatient hospitalizations and emergency department visits were \$2,907,201.

*Hospital charges did not include costs related to emergency medical services, follow-up care, or rehabilitation.

Table 1 presents the number of inpatient hospitalizations and emergency department visits due to non-fatal injuries associated with sexual assault.

Table 1. Non-fatal hospitalizations and emergency department visits resulting from injuries due to sexual violence, Arizona, 2004-2010								
Resident County	2004	2005	2006	2007	2008	2009	2010	Total
Apache	2	1	1	2	4	4	4	18
Cochise	0	3	0	0	2	6	3	14
Coconino	1	4	2	11	8	7	3	36
Gila	0	2	0	1	1	2	4	10
Graham	3	2	1	3	2	3	1	15
Greenlee	0	0	0	0	2	0	0	2
La Paz	2	2	0	2	0	2	2	10
Maricopa	40	54	56	60	86	56	99	451
Mohave	6	5	2	4	2	3	6	28
Navajo	4	3	1	4	6	10	3	31
Pima	40	37	36	40	37	28	35	253
Pinal	3	5	7	7	12	8	9	51
Santa Cruz	0	0	1	1	1	2	0	5
Yavapai	4	2	1	2	4	0	2	15
Yuma	2	0	2	0	3	5	3	15
Total*	107	120	110	138	170	136	174	955
*Totals include cases with unknown residence county								

Table 2 presents the rate per 100,000 residents of non-fatal hospitalizations and emergency department visits resulting from injuries due to sexual violence.

Table 2. Rates per 100,000 residents of non-fatal hospitalizations and emergency department visits resulting from injuries due to sexual violence, Arizona, 2004-2010							
Resident County	2004	2005	2006	2007	2008	2009	2010
Maricopa	1.13	1.48	1.48	1.54	2.19	1.41	2.59
Pima	4.29	3.86	3.66	3.98	3.65	2.75	3.57
Pinal	N/A	2.03	2.59	2.39	3.72	2.44	2.40
Total*	1.83	1.98	1.76	2.14	2.60	2.06	2.72
*Totals include cases with unknown residence county							

Rates per 100,000 from 2004 to 2010:

- All Arizona residents: 49% increase
- Maricopa County residents: 129% increase
- Pima County residents: 17% decrease
- Pinal County residents: 18% increase (from 2005)

*Note: Rates could not be reliably computed for counties with less than 5 events in every year.



The Arizona Department of Health Services Sexual Violence Prevention and Education Program, through community level cooperative interventions, provide sexual violence prevention education to students, professionals, and community members. For more information, please visit us on the web at: www.azrapevention.org

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