

Heat-Related Illness Summary

Updated: 4/30/2015

Heat-Related Illness by Year		
Year	Inpatient Admissions	Emergency Department Visits
2008	374	1643
2009	476	1720
2010	524	1907
2011	585	2368
2012	549	2415
2013	526	2242
*2014 (January-June)	170	859

*2014 data is preliminary and only contains cases January 1, 2014 – June 30, 2014

Heat-Related Emergency Department Visits and Inpatient Admissions by Resident Status

Resident Status	Year						
	2008	2009	2010	2011	2012	2013	*2014 (January - June)
AZ Resident Inpatient Admission	327	410	473	524	493	487	150
Non-Resident Inpatient Admission	47	66	51	61	56	40	20
AZ Resident Emergency Department Visit	1432	1492	1673	2110	2133	1987	737
Non-Resident Emergency Department Visit	211	228	234	258	282	255	122

*2014 data is preliminary and only contains cases January 1, 2014 – June 30, 2014

Heat-Related Emergency Department Visits, Arizona Residents Only

County Residence	Year						
	2008	2009	2010	2011	2012	2013	2014* January - June
Apache	10	<10	<10	<10	<10	<10	<10
Cochise	29	28	30	34	31	38	12
Coconino	19	14	19	16	19	18	<10
Gila	<10	<10	<10	11	17	14	<10
Graham	<10	<10	<10	15	10	17	<10
Greenlee	<10	0	<10	<10	<10	0	0
La Paz	14	10	<10	24	21	22	<10
Maricopa	891	895	1010	1302	1258	1158	408
Mohave	71	83	126	106	123	109	47
Navajo	<10	<10	<10	18	19	14	<10
Pima	160	167	209	208	244	202	103
Pinal	77	103	102	150	132	161	63
Santa Cruz	<10	0	<10	<10	<10	<10	<10
Yavapai	22	27	26	32	48	28	<10
Yuma	108	144	114	180	190	195	62

>10 = Values under 10 suppressed for HIPAA. *2014 data is preliminary and only contains cases January 1, 2014 – June 30, 2014



Heat-Related Hospital Inpatient Admissions, Arizona Residents Only

County Residence	Year						
	2008	2009	2010	2011	2012	2013	2014* January - June
Apache	0	<10	<10	<10	<10	<10	0
Cochise	<10	<10	0	<10	<10	10	<10
Coconino	0	<10	<10	<10	<10	<10	<10
Gila	<10	<10	<10	0	<10	<10	0
Graham	<10	<10	<10	<10	<10	<10	<10
Greenlee	0	<10	0	0	0	0	0
La Paz	<10	<10	<10	<10	<10	<10	<10
Maricopa	206	276	314	355	348	332	84
Mohave	16	16	31	25	19	31	<10
Navajo	0	<10	0	<10	<10	<10	0
Pima	37	42	50	59	50	39	32
Pinal	34	35	40	57	32	35	<10
Santa Cruz	0	0	0	<10	0	<10	0
Yavapai	<10	<10	<10	<10	<10	<10	<10
Yuma	19	18	17	12	21	18	<10

>10 = Values under 10 suppressed for HIPAA. *2014 data is preliminary and only contains cases January 1, 2014 – June 30, 2014

2013 Heat-Related Illness Summary (Residents and Non-Residents)

Heat-Related Illness by Sex		
Sex	Inpatient Admissions	Emergency Department Visits
Female	122	775
Male	405	1467
Total	527	2242

Heat-Related Illness by Age Group		
Age Group	Inpatient Admissions	Emergency Department Visits
< 1	0	10
1-4	<10	33
5-14	<10	113
15-24	33	426
25-34	60	416
35-44	80	376
45-54	108	345
55-64	91	229
65-74	70	149
75-84	58	109
85+	20	36

>10 = Values under 10 suppressed for HIPAA

2013 Heat-Related Illness Summary (Residents and Non-Residents)

2013 Heat-Related Illness by Month		
Month	Inpatient Admissions	Emergency Department Visits
January	0	<10
February	<10	<10
March	<10	65
April	20	96
May	21	179
June	153	594
July	183	629
August	88	421
September	48	203
October	10	30
November	<10	<10
December	0	<10

>10 = Values under 10 suppressed for HIPAA



Methods

Table of ICD-9-CM Codes for Heat Illness

ICD 9 Code	Description
992.0	Heat stroke and sunstroke
992.1	Heat syncope
992.2	Heat cramps
992.3	Heat exhaustion from water depletion
992.4	Heat exhaustion from salt depletion
992.5	Heat exhaustion, unspecified
992.6	Heat fatigue, transient
992.7	Heat edema
992.8	Other specified heat effects
992.9	Unspecified effects of heat and light
E900.0	Event caused by excessive heat due to weather conditions (e.g., sunstroke, ictus solaris/heat stroke)

- Criteria adapted from Council of State & Territorial Epidemiologists (CSTE)
- Methods search entire record for ICD-9 codes listed
- ICD-9-CM codes excluded
 - E900.1 (man-made source of heat)
 - E900.9 (effect from unknown cause of excessive heat)