

Golden Hour by Region ASTR 2005-2008

Golden Hour: (N= 78,245)

Inter-facility transfer patients (N=17,857) were excluded from this analysis.

Statewide, 41% of patients arrived at a Trauma Center within 60 minutes of injury. In the Central Region, only 8.7% of trauma patients from Gila County arrived at a Trauma Center within 60 minutes. In the Western Region, only 0.1% of patients from Yuma County arrived at a Trauma Center within 60 minutes. In the Northern Region, only 5.5% of patients from Apache County arrived at a Trauma Center within 60 minutes and in the Southeastern Region, only 5.7% of patients from Greenlee County arrived within 60 minutes.

The golden hour is not the only important measure. Ensuring that patients make it into the organized trauma system is vital even if it takes more than 60 minutes. In Gila County, the number of patients that reach a Trauma Center increases to 86.5%, in Apache County 88.2% and in Greenlee County 85.7% if you expand the time frame beyond 60 minutes.

TC – Trauma Center

NTC – Non-Trauma Center

Table 10: STATEWIDE GOLDEN HOUR

Statewide Golden Hour										Total Trauma Patients
Missing		Arrived to TC within an hour		Arrived to TC after an hour		Arrived to NTC within an hour		Arrived to NTC after an hour		
N	%	N	%	N	%	N	%	N	%	N
21,297	27.2	32,211	41.2	20,078	25.7	3,118	4.0	1,541	2.0	78,245

Table 11: CENTRAL REGION

County of Injury	Golden Hour										Total Trauma Patients
	Missing		Arrived to TC within an hour		Arrived to TC after an hour		Arrived to NTC within an hour		Arrived to NTC after an hour		
	N	%	N	%	N	%	N	%	N	%	N
Gila	148	13.4	96	8.7	860	77.8	1	0.1	1	0.1	1,106
Maricopa	8,053	21.7	22,201	59.8	6,654	17.9	112	0.3	114	0.3	37,134
Pinal	676	19.4	1,035	29.7	1,762	50.6	2	0.1	4	0.1	3,479
Regional Total	8,877	21.3	23,332	55.9	9,276	22.2	115	0.3	119	0.3	41,719

Table 12: WESTERN REGION

County of Injury	Golden Hour										Total Trauma Patients
	Missing		Arrived to TC within an hour		Arrived to TC after an hour		Arrived to NTC within an hour		Arrived to NTC after an hour		
	N	%	N	%	N	%	N	%	N	%		N
La Paz	45	28.0	16	9.9	93	57.8	.	.	7	4.3	161
Mohave	19	40.4	10	21.3	17	36.2	.	.	1	2.1	47
Yuma	1,963	40.2	6	0.1	17	0.3	2,200	45.1	695	14.2	4,881
Regional Total	2,027	39.8	32	0.6	127	2.5	2,200	43.2	703	13.8	5,089

Table 13: NORTHERN REGION

County of Injury	Golden Hour										Total Trauma Patients
	Missing		Arrived to TC within an hour		Arrived to TC after an hour		Arrived to NTC within an hour		Arrived to NTC after an hour		
	N	%	N	%	N	%	N	%	N	%		N
Apache	13	10.2	7	5.5	105	82.7	1	0.8	1	0.8	127
Coconino	296	9.3	1,197	37.5	1,207	37.9	286	9.0	202	6.3	3,188
Navajo	104	12.5	74	8.9	465	55.8	139	16.7	52	6.2	834
Yavapai	263	17.7	241	16.2	730	49.1	171	11.5	82	5.5	1,487
Regional Total	676	12.0	1,519	27.0	2,507	44.5	597	10.6	337	6.0	5,636

Table 14: SOUTHEASTERN REGION

County of Injury	Golden Hour										Total Trauma Patients
	Missing		Arrived to TC within an hour		Arrived to TC after an hour		Arrived to NTC within an hour		Arrived to NTC after an hour		
	N	%	N	%	N	%	N	%	N	%	
Cochise	137	20.8	66	10.0	437	66.3	12	1.8	7	1.1	659
Graham	30	16.3	17	9.2	137	74.5	.	.	.	.	184
Greenlee	10	14.3	4	5.7	56	80.0	.	.	.	.	70
Pima	2,348	19.5	4,855	40.4	4,825	40.1	.	.	.	.	12,028
Santa Cruz	65	19.6	49	14.8	217	65.6	.	.	.	.	331
Regional Total	2,590	19.5	4,991	37.6	5,672	42.7	12	0.1	7	0.1	13,272