



Arizona EMS Agency Aggregate Report

All EMS Agencies Submitting Data to AZ-PIERS

Incidents per Month: April 1, 2012—September 30, 2012*

Region: Air

Month*	Apr	May	Jun	Jul	Aug	Sept	Total
Total Runs	598	630	593	565	559	595	3540

Total runs For Air: 3540

Region: Ground

Month*	Apr	May	Jun	Jul	Aug	Sept	Total
Total Runs	4821	5786	5584	6096	7048	9944	39279

Total runs For Ground: 39279

Top 10 Primary Impressions: All Submitting EMS Agencies

Top 10 Primary Impressions	Frequency	% of All Primary Impressions
Traumatic Injury	6092	19%
Altered Level of Consciousness	3108	10%
Abdominal Pain/Problems	2738	8%
Chest Pain/Discomfort	2372	7%
Behavioral/Psychiatric Disorder	1946	6%
No Apparent Illness/Injury	1880	6%
Other Illness/Injury	1690	5%
Respiratory Distress	1408	4%
Syncope/Fainting	1171	4%
Pain	1129	3%
Total Top 10	23534	72%
Total All Primary Impressions	32489	100%
Total Nulls	10330	

All Primary Impressions & Nulls 42819

*As of 11/13/2012

Top 10 Causes of Injury: All Submitting EMS Agencies

Top 10 Causes of Injury	Frequency	% of All Causes of Injury
Falls	3355	45%
Motor Vehicle Traffic Accident	1920	26%
Drug Poisoning	331	4%
Struck by Blunt/Thrown Object	295	4%
Other Injury	280	4%
Assault	183	2%
Motor Vehicle Non-Traffic Accident	127	2%
Bicycle Accident	87	1%
Bites	87	1%
Motorcycle Accident	84	1%
Total Top 10	6749	91%
Total All Causes of Injury	7417	100%
Total Nulls	35402	

All Causes of Injury & Nulls 42819

Top 10 Primary Impressions by Gender: All Submitting EMS Agencies

Top 10 Primary Impression Female	Frequency	% of All Female Primary Impression
Traumatic Injury	2933	18%
Abdominal Pain/Problems	1548	10%
Altered Level of Consciousness	1282	8%
Chest Pain/Discomfort	1157	7%
Behavioral/Psychiatric Disorder	1023	6%
No Apparent Illness/Injury	867	5%
Other Illness/Injury	851	5%
Respiratory Distress	687	4%
Syncope/Fainting	646	4%
Pain	634	4%
Total Top 10	11628	72%
Total All Primary Impressions Female	16146	100%

Top 10 Primary Impression Male	Frequency	% of All Male Primary Impression
Traumatic Injury	3044	19%
Altered Level of Consciousness	1758	11%
Chest Pain/Discomfort	1170	7%
Abdominal Pain/Problems	1117	7%
No Apparent Illness/Injury	956	6%
Behavioral/Psychiatric Disorder	866	5%
Other Illness/Injury	826	5%
Respiratory Distress	692	4%
Syncope/Fainting	513	3%
Pain	495	3%
Total Top 10	11437	72%
Total All Primary Impressions Male	15804	100%

Summary of Gender & Primary Impression	
Female	16146
Male	15804
All Null Gender or Primary Impression	10869
Total All	42819

Top 10 Primary Impressions by Age Group: All Submitting EMS Agencies

Primary Impression Ages < 1	Frequency	% of Total Impression
Respiratory Distress	60	24%
No Apparent Illness/Injury	45	18%
Other Illness/Injury	28	11%
Traumatic Injury	20	8%
Seizure	19	8%
Allergic Reaction	11	4%
Airway Obstruction	10	4%
Other	8	3%
Abdominal Pain/Problems	7	3%
Altered Level of Consciousness	5	2%
Total Top 10	213	86%
Total All Primary Impressions	249	100%
Total Nulls & Blanks	52	
All Primary Impressions & Nulls	301	

Primary Impression Ages 1 to 4	Frequency	% of Total Impression
Traumatic Injury	129	22%
No Apparent Illness/Injury	84	14%
Seizure	80	14%
Respiratory Distress	78	13%
Altered Level of Consciousness	29	5%
Other Illness/Injury	24	4%
Fever	19	3%
Abdominal Pain/Problems	17	3%
Airway Obstruction	17	3%
Other	17	3%
Total Top 10	494	83%
Total All Primary Impressions	592	100%
Total Nulls & Blanks	122	
All Primary Impressions & Nulls	714	

Primary Impression Ages 5 to 9	Frequency	% of Total Impression
Traumatic Injury	143	31%
Respiratory Distress	47	10%
No Apparent Illness/Injury	43	9%
Seizure	34	7%
Abdominal Pain/Problems	27	6%
Pain	27	6%
Altered Level of Consciousness	19	4%
Other Illness/Injury	19	4%
Behavioral/Psychiatric Disorder	15	3%
Syncope/Fainting	11	2%
Total Top 10	385	84%
Total All Primary Impressions	460	100%
Total Nulls & Blanks	78	
All Primary Impressions & Nulls	538	

Primary Impression Ages 10 to 14	Frequency	% of Total Impression
Traumatic Injury	181	29%
Behavioral/Psychiatric Disorder	70	11%
Abdominal Pain/Problems	51	8%
No Apparent Illness/Injury	45	7%
Seizure	32	5%
Pain	31	5%
Syncope/Fainting	27	4%
Altered Level of Consciousness	26	4%
Other Illness/Injury	24	4%
Other	14	2%
Total Top 10	501	81%
Total All Primary Impressions	620	100%
Total Nulls & Blanks	83	

All Primary Impressions & Nulls 703

Primary Impression Ages 15 to 19	Frequency	% of Total Impression
Traumatic Injury	475	31%
Behavioral/Psychiatric Disorder	177	11%
No Apparent Illness/Injury	139	9%
Altered Level of Consciousness	113	7%
Abdominal Pain/Problems	109	7%
Pain	67	4%
Seizure	66	4%
Syncope/Fainting	59	4%
Other Illness/Injury	53	3%
Other	41	3%
Total Top 10	1299	84%
Total All Primary Impressions	1552	100%
Total Nulls & Blanks	273	

All Primary Impressions & Nulls 1825

Primary Impression Ages 20 to 24	Frequency	% of Total Impression
Traumatic Injury	519	28%
Behavioral/Psychiatric Disorder	200	11%
Abdominal Pain/Problems	171	9%
Altered Level of Consciousness	163	9%
No Apparent Illness/Injury	154	8%
Seizure	74	4%
Pain	67	4%
Other Illness/Injury	62	3%
Syncope/Fainting	53	3%
Chest Pain/Discomfort	39	2%
Total Top 10	1502	81%
Total All Primary Impressions	1844	100%
Total Nulls & Blanks	279	

All Primary Impressions & Nulls 2123

Primary Impression Ages 25 to 34	Frequency	% of Total Impression
Traumatic Injury	807	25%
Behavioral/Psychiatric Disorder	327	10%
Altered Level of Consciousness	316	10%
Abdominal Pain/Problems	290	9%
No Apparent Illness/Injury	197	6%
Seizure	129	4%
Chest Pain/Discomfort	119	4%
Pain	111	3%
Other Illness/Injury	110	3%
Syncope/Fainting	95	3%
Total Top 10	2501	79%
Total All Primary Impressions	3179	100%
Total Nulls & Blanks	548	

All Primary Impressions & Nulls 3727

Primary Impression Ages 35 to 44	Frequency	% of Total Impression
Traumatic Injury	605	18%
Altered Level of Consciousness	410	12%
Abdominal Pain/Problems	350	10%
Behavioral/Psychiatric Disorder	335	10%
Chest Pain/Discomfort	229	7%
No Apparent Illness/Injury	181	5%
Seizure	135	4%
Other Illness/Injury	118	3%
Pain	117	3%
Syncope/Fainting	112	3%
Total Top 10	2592	76%
Total All Primary Impressions	3391	100%
Total Nulls & Blanks	653	

All Primary Impressions & Nulls 4044

Primary Impression Ages 45 to 54	Frequency	% of Total Impression
Traumatic Injury	662	16%
Altered Level of Consciousness	467	11%
Chest Pain/Discomfort	408	10%
Abdominal Pain/Problems	371	9%
Behavioral/Psychiatric Disorder	353	8%
No Apparent Illness/Injury	208	5%
Other Illness/Injury	187	4%
Pain	153	4%
Syncope/Fainting	140	3%
Respiratory Distress	130	3%
Total Top 10	3079	73%
Total All Primary Impressions	4198	100%
Total Nulls & Blanks	854	

All Primary Impressions & Nulls 5052

Primary Impression Ages 55 to 64	Frequency	% of Total Impression
Traumatic Injury	626	15%
Chest Pain/Discomfort	471	11%
Altered Level of Consciousness	371	9%
Abdominal Pain/Problems	336	8%
Other Illness/Injury	221	5%
Behavioral/Psychiatric Disorder	218	5%
Respiratory Distress	198	5%
No Apparent Illness/Injury	177	4%
Syncope/Fainting	145	4%
Pain	132	3%
Total Top 10	2895	70%
Total All Primary Impressions	4139	100%
Total Nulls & Blanks	779	

All Primary Impressions & Nulls 4918

Primary Impression Ages 65 to 74	Frequency	% of Total Impression
Traumatic Injury	546	13%
Chest Pain/Discomfort	425	10%
Altered Level of Consciousness	353	8%
Abdominal Pain/Problems	343	8%
Other Illness/Injury	265	6%
Respiratory Distress	245	6%
No Apparent Illness/Injury	192	5%
Stroke/CVA	180	4%
Syncope/Fainting	180	4%
Weakness	180	4%
Total Top 10	2909	70%
Total All Primary Impressions	4170	100%
Total Nulls & Blanks	840	

All Primary Impressions & Nulls 5010

Primary Impression Ages 75 to 84	Frequency	% of Total Impression
Traumatic Injury	671	15%
Altered Level of Consciousness	448	10%
Chest Pain/Discomfort	396	9%
Abdominal Pain/Problems	369	8%
Other Illness/Injury	319	7%
Respiratory Distress	268	6%
Weakness	235	5%
No Apparent Illness/Injury	188	4%
Syncope/Fainting	187	4%
Stroke/CVA	177	4%
Total Top 10	3258	73%
Total All Primary Impressions	4485	100%
Total Nulls & Blanks	1238	

All Primary Impressions & Nulls 5723

Primary Impression Ages >= 85	Frequency	% of Total Impression
Traumatic Injury	680	20%
Altered Level of Consciousness	379	11%
Abdominal Pain/Problems	295	9%
Other Illness/Injury	247	7%
Chest Pain/Discomfort	226	7%
Weakness	182	5%
Respiratory Distress	174	5%
Syncope/Fainting	152	4%
No Apparent Illness/Injury	151	4%
Pain	139	4%
Total Top 10	2625	76%
Total All Primary Impressions	3433	100%
Total Nulls & Blanks	1011	

All Primary Impressions & Nulls 4444

Summary of Age & Primary Impression	
Total where Age & Primary Impression are Present	39122
Total where Age is Null but Primary Impression is Present	177
Total where Age & Primary Impression are Null	3520

Summary of Age & Primary Impression in Order of Frequency		
Age Group	Frequency	% of Grand Total Impression
75 to 84	5723	15%
45 to 54	5052	13%
65 to 74	5010	13%
55 to 64	4918	13%
>= 85	4444	11%
35 to 44	4044	10%
25 to 34	3727	10%
20 to 24	2123	10%
15 to 19	1825	5%
1 to 4	714	2%
10 to 14	703	2%
5 to 9	538	1%
< 1	301	1%
Total	39122	100%
All Null Ages	3697	
Grand Total	42819	