

# **CHAPTER 7**

## **HOSPITAL INPATIENT DISCHARGES AND EMERGENCY ROOM VISITS BY COUNTY OF RESIDENCE IN 2016**

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RESIDENCE**



# **7A**

## **DISCHARGES FROM SHORT-STAY HOSPITALS BY FIRST-LISTED DIAGNOSIS**

**TABLE 7A-1 (CORRECTION)  
NUMBER OF DISCHARGES\* BY FIRST-LISTED DIAGNOSIS AND COUNTY OF RESIDENCE, ARIZONA, 2016**

Category of first-listed diagnosis	County of residence													Total		
	Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz		Yavapai	Yuma
<b>Total</b>	3,612	13,657	8,478	6,398	3,774	715	2,139	372,707	21,307	10,170	100,200	38,112	3,672	23,227	18,430	79
<b>Infectious and parasitic diseases</b>	304	793	606	515	242	25	112	31,912	1,703	895	6,876	3,444	214	1,504	1,534	*
<b>Septicemia</b>	261	634	484	446	189	19	94	26,592	1,448	759	5,445	2,884	167	1,215	1,313	*
<b>Enterocolitis due to <i>Clostridium difficile</i></b>	10	46	30	25	10	0	*	1,526	110	51	471	158	11	125	94	0
<b>Neoplasms</b>	122	525	306	239	94	19	67	13,400	781	313	3,306	1,330	146	952	613	0
<b>Malignant neoplasms</b>	97	427	247	202	86	16	59	10,666	689	254	2,692	1,077	116	791	495	0
<b>Large intestine</b>	12	68	27	25	8	*	12	1,251	104	36	390	138	13	91	82	0
<b>Prostate</b>	*	40	21	15	*	*	*	888	22	17	207	87	9	73	15	0
<b>Trachea bronchus and lung</b>	10	57	18	21	10	0	8	1,244	137	27	315	105	10	100	65	0
<b>Breast</b>	9	15	13	12	*	0	*	564	35	10	117	39	*	55	20	0
<b>Benign neoplasms</b>	20	81	49	25	*	*	*	2,211	63	51	492	204	29	136	91	0
<b>Endocrine nutritional metabolic and immunity diseases</b>	154	594	292	220	130	22	99	13,659	806	415	4,363	1,528	180	758	782	0
<b>Diabetes mellitus</b>	73	249	101	91	52	15	48	5,313	347	198	1,762	662	92	260	328	0
<b>Volume depletion</b>	6	37	16	13	*	*	12	797	75	13	308	68	12	63	37	0
<b>Morbid obesity</b>	12	68	39	7	20	*	*	1,622	34	25	565	200	18	77	158	0
<b>Diseases of the blood and blood forming organs</b>	19	115	49	42	19	*	21	3,526	230	82	830	374	20	175	172	0
<b>Mental disorders</b>	264	1,027	914	330	263	58	55	31,794	384	923	9,005	2,242	125	1,576	438	*
<b>Psychoses</b>	173	602	539	203	164	34	39	19,939	275	574	6,046	1,393	82	912	307	*
<b>Alcoholic psychoses</b>	16	52	91	24	12	12	*	1,723	73	79	838	143	9	94	42	*
<b>Drug psychoses</b>	*	6	15	*	8	0	0	327	*	13	167	29	0	15	*	0
<b>Schizophrenic disorders</b>	14	114	69	48	45	*	8	3,764	27	71	1,259	225	7	107	55	0
<b>Manic-depressive disorders</b>	134	574	421	181	149	41	27	18,712	138	413	4,122	1,388	75	933	232	*
<b>Neurotic disorders</b>	104	285	378	73	56	13	15	6,975	173	354	2,817	507	39	481	105	*
<b>Anxiety states</b>	*	20	20	*	*	0	*	333	*	15	126	24	*	21	*	0
<b>Depression</b>	94	312	291	103	93	26	13	9,777	74	269	2,401	737	45	525	122	*
<b>Drug dependence</b>	15	19	40	15	6	*	*	1,480	14	32	471	61	*	42	14	0
<b>Nondependent abuse of drugs</b>	*	7	*	*	*	0	0	105	*	6	48	*	*	6	*	0
<b>Alcohol dependence</b>	48	84	156	34	14	*	9	2,932	107	185	1,189	212	14	139	53	*
<b>Diseases of the nervous system</b>	101	353	184	131	105	20	60	9,652	434	223	3,228	1,022	89	533	688	*
<b>Diseases of the eye and adnexa</b>	*	10	7	6	*	0	0	303	6	*	124	25	*	7	21	0
<b>Diseases of the ear and mastoid process</b>	610†	17	7	*	*	0	*	331	26	6	136	38	*	21	11	0
<b>Diseases of the circulatory system</b>	473	2,108	887	1,133	473	104	393	47,076	4,198	1,285	12,949	5,333	496	3,962	2,847	*
<b>Heart disease</b>	299	1,457	562	778	311	70	280	30,196	3,017	848	8,477	3,370	324	2,601	1,764	*
<b>Acute myocardial infarction</b>	86	360	136	186	76	26	61	6,414	668	239	1,774	800	69	605	421	*
<b>Coronary arteriosclerosis</b>	26	189	59	74	27	*	42	2,695	315	78	830	345	39	319	167	0

**TABLE 7A-1 (continued)  
NUMBER OF DISCHARGES\* BY FIRST-LISTED DIAGNOSIS AND COUNTY OF RESIDENCE, ARIZONA, 2016**

Category of first-listed diagnosis	Total	County of residence														
		Apache	Cochise	Coconino	Gila	Graham	Greelee	La Paz	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma
Other ischemic heart disease	450†	6	30	*	11	*	*	200	25	11	83	35	*	27	12	0
Cardiac dysrhythmias	<b>11,634</b>	<b>36</b>	<b>275</b>	<b>93</b>	<b>148</b>	<b>66</b>	<b>16</b>	<b>50</b>	<b>664</b>	<b>142</b>	<b>1,965</b>	<b>626</b>	<b>80</b>	<b>562</b>	<b>365</b>	0
Cardiac arrest	260†	*	9	6	*	8	0	*	123	8	*	70	*	11	*	0
Congestive heart failure	11,750†	63	268	112	199	53	*	69	6,563	730	162	1,805	743	61	449	463
Cerebrovascular disease	<b>19,200</b>	<b>115</b>	<b>385</b>	<b>212</b>	<b>237</b>	<b>91</b>	<b>18</b>	<b>77</b>	<b>10,822</b>	<b>722</b>	<b>279</b>	<b>3,023</b>	<b>1,304</b>	<b>114</b>	<b>977</b>	<b>824</b>
Diseases of the respiratory system	51,903	390	1,344	717	629	278	36	230	29,397	2,618	982	8,124	3,177	322	2,138	1,521
Acute bronchitis and bronchiolitis	3,110†	23	64	46	20	16	*	*	1,975	81	88	438	202	17	95	40
Pneumonia	14,668	153	486	207	208	99	14	100	7,666	800	325	2,316	848	93	689	664
Chronic bronchitis	7,940	41	292	52	145	35	7	45	4,314	559	102	1,353	465	40	287	203
Asthma	3,420	15	77	26	24	9	0	8	2,171	64	59	649	178	35	62	43
Diseases of the digestive system	60,699	341	1,398	772	742	417	71	209	34,821	2,469	1,025	10,125	3,774	414	2,484	1,633
Appendicitis	3,181	9	69	45	18	21	6	11	1,829	124	33	559	179	31	165	82
Noninfectious enteritis and colitis	<b>5,240†</b>	<b>14</b>	<b>113</b>	<b>55</b>	<b>50</b>	<b>28</b>	<b>*</b>	<b>14</b>	<b>3,229</b>	<b>241</b>	<b>54</b>	<b>786</b>	<b>308</b>	<b>21</b>	<b>185</b>	<b>134</b>
Diverticula of intestine	4,957	18	73	48	61	19	8	16	2,933	207	59	873	289	23	201	129
Cholelithiasis	3,806	17	87	32	49	34	8	20	2,114	146	52	718	220	29	162	118
Diseases of the genitourinary system	26,335	139	639	249	335	137	29	79	15,251	1,042	326	4,374	1,767	186	901	881
Calculus of kidney and ureter	620†	*	15	*	13	*	*	*	338	27	6	95	47	8	31	22
Diseases of the skin and subcutaneous tissue	14,583	75	248	191	147	90	20	50	8,808	490	271	2,390	951	60	412	379
Cellulitis and abscess	9,454	47	177	119	103	50	9	32	5,663	344	159	1,553	619	46	297	236
Diseases of the musculoskeletal system	48,438	364	1,167	881	520	306	77	184	26,409	1,858	835	8,522	3,214	250	2,651	1,199
Osteoarthritis and allied disorders	24,901	178	594	405	258	153	47	96	13,482	1,081	411	4,298	1,689	120	1,500	589
Invertebral disc disorders	<b>3,710†</b>	<b>21</b>	<b>61</b>	<b>121</b>	<b>35</b>	<b>18</b>	<b>*</b>	<b>19</b>	<b>2,143</b>	<b>168</b>	<b>71</b>	<b>459</b>	<b>229</b>	<b>13</b>	<b>232</b>	<b>118</b>
Congenital anomalies	2,250†	15	37	36	13	12	12	8	1,452	29	43	299	151	17	66	70
Conditions originating in perinatal period	2,180†	21	47	52	16	27	*	7	1,216	83	68	367	116	30	73	50
Symptoms signs and ill-defined conditions	13,212	71	388	138	148	79	15	69	7,409	601	175	2,617	757	83	448	213
Injury and poisoning	60,192	449	1,102	778	676	369	62	230	36,194	1,717	972	9,526	3,677	310	2,400	1,726
Fractures, all sites	19,234	124	373	210	230	123	18	92	11,466	649	252	3,069	1,060	136	886	543
Fracture of neck of femur	6,719	27	154	32	96	38	12	24	3,900	321	86	1,143	340	48	331	167
Poisonings	5,670	25	113	75	37	25	11	14	3,365	185	71	1,059	329	15	213	133

Notes: \* Cell suppressed due to non-zero count less than 6; † Sum rounded to nearest tens unit due to non-zero addend less than 6; ‡ Excluding newborn infants.

**TABLE 7A-2  
NUMBER OF DISCHARGES<sup>a</sup> BY GENDER, AGE GROUP, RACE/ETHNICITY, MARITAL STATUS, PRIMARY PAYER, AND  
COUNTY OF RESIDENCE, ARIZONA, 2016**

Selected characteristics	Total	County of residence															
		Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz	Marcopaca	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma	Unknown
<b>Total</b>	626,677	3,612	13,657	8,478	6,398	3,774	720†	2,139	372,707	21,307	10,170	100,200	38,112	3,672	23,227	18,430	80†
<b>Gender</b>																	
Male	270,159	1,859	6,052	3,844	3,029	1,624	288	1,044	158,048	10,067	4,870	42,563	16,965	1,528	10,607	7,756	15
Female	356,503	1,753	7,599	4,634	3,368	2,150	427	1,095	214,653	11,240	5,300	57,637	21,146	2,144	12,619	10,674	64
Unknown	20†	0	6	0	*	0	0	0	6	0	0	0	*	0	*	0	0
<b>Age group</b>																	
Children <15 years	28,462	210	474	541	188	226	29	47	18,244	456	648	4,101	1,824	197	707	565	*
Adolescents 15-19 years	18,537	92	366	317	150	131	47	39	11,928	254	328	2,775	992	133	410	571	*
Young adults 20-44 years	177,596	877	3,289	2,814	1,252	1,381	218	395	114,402	3,280	3,055	26,293	10,334	988	3,919	5,042	57
Middle-aged adults 45-64 years	160,677	1,080	3,312	2,319	1,713	971	209	558	95,519	5,854	2,737	26,039	9,908	851	5,730	3,866	11
Elderly 65+ years	241,392	1,353	6,216	2,487	3,095	1,065	212	1,100	132,603	11,462	3,402	40,991	15,054	1,503	12,461	8,386	*
Unknown	10†	0	0	0	0	0	0	0	11	*	0	*	0	0	0	0	0
<b>Race/ethnicity</b>																	
White non-Hispanic	424,091	1,436	9,583	4,941	5,019	1,746	402	1,547	252,790	19,504	5,215	64,788	26,268	837	21,061	8,946	8
Hispanic or Latino	126,550	149	3,157	729	657	644	282	225	74,669	893	552	25,554	6,120	2,767	1,459	8,629	64
Black or African American	32,253	12	465	95	28	32	9	9	25,309	189	68	3,903	1,701	13	94	324	*
American Indian or Alaska Native	26,725	1,977	78	2,497	636	1,296	8	303	7,781	436	4,195	3,447	3,412	6	331	320	*
Asian or Pacific Islander	11,890†	8	177	60	25	17	*	12	9,318	129	50	1,434	432	7	93	128	*
Refused/Unknown	5,164	30	197	156	33	39	11	43	2,840	156	90	1,074	179	42	189	83	*
<b>Patient's marital status</b>																	
Single	234,267	1,544	4,341	3,547	2,135	1,609	258	771	146,124	5,851	4,256	37,862	13,062	1,282	6,358	5,227	40
Married	263,301	1,406	6,404	3,447	2,729	1,453	349	967	152,785	9,579	4,090	40,734	17,680	1,723	11,173	8,746	36
Separated	5,330†	30	97	70	43	26	*	13	2,998	128	92	830	306	33	269	392	*
Divorced	53,152	227	1,070	730	620	281	28	176	31,246	2,313	766	8,731	3,067	216	2,202	1,478	*
Widowed	66,126	305	1,552	617	821	340	68	162	37,002	3,287	789	11,459	3,788	385	3,037	2,513	*
Not applicable	130†	*	0	0	*	*	0	0	100	*	*	*	12	0	*	*	0
Unknown	4,374	95	193	67	49	63	10	50	2,452	148	175	582	197	33	187	73	0
<b>Primary payer</b>																	
Self-pay	20,367	55	375	124	108	116	12	57	13,939	618	158	2,562	963	130	452	674	24
Private insurance (indemnity, HMO, PPO)	150,240	519	2,798	2,420	1,085	821	321	421	97,710	3,763	1,481	21,050	8,760	581	5,750	2,758	*
AHCCCS/Medicaid	170,934	1,357	3,295	2,755	1,656	1,450	119	528	103,271	3,674	4,142	27,726	10,071	1,343	4,500	5,039	8
Medicare	203,759	1,453	5,137	2,745	3,171	1,044	224	990	113,166	10,191	3,413	29,522	13,377	840	11,081	7,402	*
Other	81,377	228	2,052	434	378	343	39	143	44,621	3,061	976	19,340	4,941	778	1,444	2,557	42

Notes: \* Cell suppressed due to non-zero count less than 6; † Sum rounded to nearest tens unit due to non-zero addend less than 6; <sup>a</sup> Excluding newborn infants.

# **7B**

## **DISCHARGES FROM SHORT-STAY HOSPITALS BY ALL-LISTED PROCEDURES**

**TABLE 7B-1  
NUMBER OF PROCEDURES BY CATEGORY AND COUNTY OF RESIDENCE, ARIZONA, 2016**

Procedures by category	Total	Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma	Unknown
All procedures	1,064,735	7,031	23,827	16,373	10,748	6,939	1,374	3,616	624,742	37,636	18,739	165,546	65,113	7,398	41,022	34,384	247
Operations on the central nervous system	16,342	118	284	433	131	397	105	45	10,035	288	268	2,221	994	82	617	321	*
Spinal tap	7,324	48	98	90	47	33	10	18	4,950	168	95	958	466	34	187	121	*
Operations on the peripheral nervous system	3,940†	31	70	59	41	26	*	8	2,265	75	69	622	254	26	260	135	0
Operations on the heart and great vessels	56,586	387	1,009	689	692	272	58	227	34,720	2,527	1,010	7,285	3,546	257	2,384	1,520	*
Heart transplant	70†	0	*	0	0	0	0	0	46	*	0	7	*	*	*	6	0
Coronary artery bypass graft	3,430†	26	88	48	52	16	*	24	1,800	171	75	515	249	32	197	134	0
Cardiac catheterization	19,510	122	448	225	281	111	30	92	11,154	992	330	2,753	1,277	108	953	633	*
Insertion, replacement, removal, of pacemaker leads	4,500†	24	92	60	62	16	*	25	2,554	213	73	640	270	22	306	140	0
Operations on the upper arteries	8,745	97	163	153	108	66	15	40	5,063	355	208	1,291	483	55	393	254	*
Operations on the lower arteries	6,796	52	163	96	94	34	11	30	3,774	375	120	986	493	48	322	198	0
Operations on the upper veins	12,022	109	264	235	152	112	15	43	6,295	325	224	2,057	857	65	304	965	0
Operations on the lower veins	9,767	97	219	165	109	63	6	34	5,527	426	194	1,505	607	81	452	282	0
Operations on the lymphatic and hemic systems	8,654	39	202	125	90	46	9	26	5,411	254	113	1,196	525	53	321	244	0
Operations on the eye	520†	*	11	7	9	*	0	0	297	*	8	106	35	*	15	21	0
Operations on the ear, nose, sinus	1,040†	20	15	23	9	7	0	*	598	23	29	187	57	6	33	26	0
Operations on the respiratory system	30,662	212	576	355	308	176	23	94	18,683	1,051	531	4,508	1,804	142	939	1,260	0
Bronchoscopy with or without biopsy	8,470†	51	117	68	81	29	*	28	5,467	204	108	964	401	33	182	733	0
Operations on the mouth and throat	3,309	28	62	67	45	29	6	12	1,876	88	60	642	196	20	111	67	0
Operations on the gastrointestinal system	51,555	292	1,106	704	585	312	58	161	30,295	1,698	873	8,330	3,221	314	2,017	1,585	*
Implantation of gastric band	30†	0	0	*	0	*	0	0	7	*	0	13	*	0	0	*	0
Endoscopy of small intestine with or without biopsy	11,725	94	281	146	137	77	13	40	6,779	387	220	1,995	748	73	393	341	*
Endoscopy of large intestine with or without biopsy	8,550†	52	149	111	121	41	*	39	5,129	287	176	1,190	540	39	391	283	0
Appendectomy, excluding incidental	4,107	10	78	63	35	31	8	12	2,421	156	51	664	243	35	205	95	0
Operations on the hepatobiliary system and pancreas	13,415	101	325	180	169	102	24	37	7,813	380	242	2,156	844	111	543	388	0
Cholecystectomy	8,014	49	199	86	108	64	19	25	4,513	206	158	1,441	509	71	326	240	0
Operations on the endocrine system	1,070†	7	14	26	14	*	0	*	641	39	15	141	67	*	58	40	0
Operations on the skin and breast	20,229	121	293	277	160	187	33	64	12,948	487	320	2,949	1,114	89	511	669	7
Breast surgery	900†	9	15	13	12	*	0	*	564	35	10	117	39	*	55	20	0



**TABLE 7B-1 (continued)  
NUMBER OF PROCEDURES BY CATEGORY AND COUNTY OF RESIDENCE, ARIZONA, 2016**

Procedures by category	Total	Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma	Unknown
Operations on the subcutaneous tissue and fascia	21,544	147	348	305	254	134	25	71	13,528	553	431	2,879	1,496	97	817	457	*
Operations on the musculoskeletal system	86,117	561	1,779	1,378	873	504	122	303	50,989	2,728	1,454	13,765	5,298	457	3,795	2,087	24
Open reduction of fracture with or without internal fixation	7,432	52	147	138	83	36	6	25	4,312	239	100	1,262	428	51	372	180	*
Total hip replacement	9,171	49	194	168	94	34	11	40	5,339	356	134	1,469	549	31	535	168	0
Total knee replacement	16,061	131	386	246	165	117	38	64	8,485	723	281	2,789	1,158	89	965	424	0
Operations on the urinary system	16,061	105	278	204	171	71	12	51	9,501	974	222	2,112	1,150	91	602	517	0
Kidney transplant	260†	*	*	*	*	0	0	*	172	6	*	36	13	0	7	*	0
Operations on the male reproductive system	8,141	14	197	72	63	26	11	6	5,652	109	39	866	855	34	128	69	0
Prostatectomy	1,940†	*	53	27	26	*	*	*	1,204	52	25	272	122	16	102	33	0
Operations on the female reproductive system	16,270	54	371	249	111	98	29	39	10,384	301	251	2,195	997	112	375	702	*
Oophorectomy and salpingo-oophorectomy	3,746	16	92	76	33	8	6	6	2,360	82	49	528	237	48	131	74	0
Hysterectomy	3,610†	17	91	64	30	*	*	*	2,264	71	55	545	217	52	127	66	0
Obstetrical procedures	79,873	238	1,469	1,233	459	626	122	206	51,783	1,606	1,164	11,082	4,379	638	1,727	3,085	56
Episiotomy with or without forceps or vacuum extraction	3,098	13	78	21	31	56	15	17	1,741	129	69	455	137	28	59	243	6
Artificial rupture of membranes	21,200†	88	534	364	117	41	*	87	12,302	634	467	3,970	1,027	195	409	941	23
Cesarean section	22,448	58	457	310	119	170	34	60	14,700	495	293	2,725	1,311	211	524	970	11
Other therapeutic procedures - Imaging	53,316	414	1,443	842	613	371	81	215	28,239	2,762	1,022	9,472	3,294	346	2,529	1,672	*
Computerized tomography (CT Scan)	1,260†	8	40	23	*	9	0	*	598	19	25	379	56	16	56	27	0
Magnetic resonance imaging (MRI)	1,080†	13	16	24	*	8	*	*	668	22	28	176	51	*	34	25	0
Other therapeutic procedures - Nuclear medicine	300†	*	12	16	*	6	0	0	89	10	8	132	*	9	*	6	0
Other therapeutic procedures - Radiation therapy	190†	*	*	6	*	0	0	*	123	7	8	16	9	*	7	8	0
Extracorporeal assistance and performance	48,141	410	1,162	629	495	378	54	190	27,277	2,268	953	7,328	3,266	310	1,751	1,668	*
Hemodialysis	11,454	86	258	151	99	128	13	49	6,005	536	172	1,883	1,039	105	344	586	0

Notes: \* Cell suppressed due to non-zero count less than 6; † Sum rounded to nearest tens unit due to non-zero addend less than 6.

**TABLE 7B-2  
EXPECTED SOURCE OF PAYMENT FOR INPATIENT PROCEDURES BY COUNTY OF RESIDENCE, ARIZONA, 2016**

	Total	Number of procedures by payer				
		Self-pay	Private insurance (indemnity, HMO, PPO)	AHCCCS/Medicaid	Medicare	Other
<b>Total</b>	1,064,735	22,901	288,565	291,830	321,862	139,577
<b>Apache</b>	7,031	29	1,019	2,618	2,951	414
<b>Cochise</b>	23,827	486	5,102	6,363	7,847	4,029
<b>Coconino</b>	16,373	153	5,486	5,241	4,985	508
<b>Gila</b>	10,748	117	2,086	2,668	5,115	762
<b>Graham</b>	6,939	118	1,674	2,599	1,786	762
<b>Greenlee</b>	1,374	20	652	196	425	81
<b>La Paz</b>	3,616	45	775	952	1,530	314
<b>Maricopa</b>	624,742	13,640	185,497	171,420	177,640	76,545
<b>Mohave</b>	37,636	1,330	7,171	6,731	17,032	5,372
<b>Navajo</b>	18,739	200	3,172	7,316	6,429	1,622
<b>Pima</b>	165,546	3,477	41,503	46,893	42,922	30,751
<b>Pinal</b>	65,113	953	16,647	17,066	21,420	9,027
<b>Santa Cruz</b>	7,398	299	1,314	3,032	1,468	1,285
<b>Yavapai</b>	41,022	552	10,658	7,771	18,767	3,274
<b>Yuma</b>	34,384	1,417	5,803	10,940	11,535	4,689
<b>Unknown</b>	247	65	6	24	10	142

# **7C**

## **CHARACTERISTICS OF EMERGENCY ROOM VISITS BY DISEASE CATEGORY AND DIAGNOSIS GROUP**

**TABLE 7C-1 (CORRECTION)  
NUMBER OF EMERGENCY ROOM VISITS<sup>a</sup> BY FIRST-LISTED DIAGNOSIS AND COUNTY OF RESIDENCE, ARIZONA, 2016**

Category of first-listed diagnosis	Total	Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma	Unknown
<b>Total, all visits</b>	2,402,128	19,959	50,732	41,099	26,800	18,192	2,182	7,782	1,455,118	####	37,978	338,971	139,530	18,286	89,365	53,265	208
<b>Infectious and parasitic diseases</b>	56,325	630	1,318	1,024	577	423	55	148	34,691	1,638	1,107	8,415	2,636	488	1,476	1,693	6
<b>Neoplasms</b>	5,250†	33	121	73	68	22	*	9	3,306	254	67	582	316	28	232	134	0
<b>Endocrine nutritional metabolic and immunity diseases</b>	<b>60,528</b>	<b>459</b>	<b>1,648</b>	<b>903</b>	<b>681</b>	<b>384</b>	<b>62</b>	<b>266</b>	<b>37,346</b>	<b>2,475</b>	<b>839</b>	<b>7,628</b>	<b>3,461</b>	<b>449</b>	<b>2,277</b>	<b>1,644</b>	6
<b>Diabetes mellitus</b>	14,619	137	316	224	154	96	23	59	8,842	606	256	1,877	911	87	497	534	0
<b>Mental disorders</b>	84,537	803	1,485	3,298	861	498	69	195	47,606	3,711	2,037	13,430	4,521	553	3,313	2,132	25
<b>Psychoses</b>	54,750	660	841	2,732	552	347	38	113	30,208	2,097	1,544	9,336	2,838	305	2,030	1,087	22
<b>Alcoholic psychoses</b>	3,280†	88	62	243	41	20	*	*	1,856	137	109	344	162	15	156	43	0
<b>Drug psychoses</b>	960†	15	29	17	11	*	0	*	516	43	47	130	69	8	37	34	*
<b>Schizophrenic disorders</b>	890†	7	34	7	8	11	6	*	373	34	25	254	53	*	23	43	*
<b>Manic-depressive disorders</b>	10,050	51	181	167	71	43	11	26	5,738	525	218	1,593	717	56	408	241	*
<b>Neurotic disorders</b>	<b>70,780</b>	729	1,143	<b>3,085</b>	701	401	49	161	<b>39,522</b>	3,021	1,698	<b>11,427</b>	3,662	487	<b>2,797</b>	1,881	16
<b>Anxiety states</b>	21,050	81	398	360	242	99	15	49	12,661	925	267	2,856	1,109	201	1,041	743	*
<b>Depression</b>	7,703	43	137	130	47	35	10	24	4,340	419	174	1,213	575	43	342	168	*
<b>Drug dependence</b>	<b>4,060†</b>	<b>13</b>	<b>85</b>	<b>54</b>	<b>79</b>	<b>52</b>	*	*	<b>2,201</b>	<b>138</b>	<b>48</b>	<b>903</b>	<b>233</b>	<b>24</b>	<b>160</b>	<b>66</b>	*
<b>Nondependent abuse of drugs</b>	12,040†	49	137	179	97	50	*	24	8,413	418	107	1,462	537	79	276	203	6
<b>Alcohol dependence</b>	<b>7,186</b>	<b>192</b>	<b>108</b>	<b>772</b>	<b>102</b>	<b>89</b>	<b>10</b>	<b>6</b>	<b>3,164</b>	<b>266</b>	<b>410</b>	<b>1,332</b>	<b>236</b>	<b>34</b>	<b>346</b>	<b>118</b>	*
<b>Diseases of the nervous system</b>	73,291	547	1,579	1,469	762	361	62	274	44,367	2,788	1,318	9,898	4,579	478	2,282	2,521	6
<b>Diseases of the eye and adnexa</b>	22,195	250	466	341	231	194	16	59	13,873	830	326	3,197	1,058	170	726	457	*
<b>Diseases of the ear and mastoid process</b>	50,713	650	882	688	683	390	35	179	32,277	1,808	828	6,897	2,437	407	1,416	1,133	*
<b>Diseases of the circulatory system</b>	71,913	427	1,964	969	1,141	496	83	359	41,878	3,736	1,040	9,397	4,656	542	3,441	1,775	9
<b>Diseases of the respiratory system</b>	257,458	3,838	5,345	4,324	3,167	2,361	232	839	159,241	11,013	4,812	31,062	14,477	1,802	9,604	5,334	7
<b>Acute bronchitis and bronchiolitis</b>	32,100	306	577	386	411	219	18	128	20,855	1,363	754	2,561	2,178	207	1,397	739	*
<b>Pneumonia</b>	22,094	226	708	277	233	216	30	130	13,150	858	355	2,871	1,480	168	929	463	0
<b>Chronic bronchitis</b>	12,133	100	425	146	290	111	13	108	5,826	1,164	234	1,540	874	62	881	358	*
<b>Asthma</b>	26,713	204	481	305	259	199	17	78	17,855	729	345	3,370	1,336	196	717	621	*

**TABLE 7C-1 (continued)  
NUMBER OF EMERGENCY ROOM VISITS<sup>a</sup> BY FIRST-LISTED DIAGNOSIS AND COUNTY OF RESIDENCE, ARIZONA, 2016**

Category of first-listed diagnosis	Total	Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma	Unknown
Diseases of the digestive system	167,626	1,319	3,606	2,650	1,955	1,137	145	522	103,015	7,508	2,612	22,566	9,760	1,191	6,166	3,463	11
Diseases of the genitourinary system	144,585	983	2,986	1,825	1,564	929	133	443	90,203	5,869	1,672	19,843	8,554	1,136	4,985	3,450	10
Diseases of the skin and subcutaneous tissue	87,044	768	1,777	1,247	1,242	892	107	297	52,274	4,129	1,551	12,331	4,676	548	3,316	1,879	10
Diseases of the musculoskeletal system	176,987	1,308	4,512	2,770	2,002	1,480	201	512	102,237	9,037	2,179	28,325	10,621	1,139	6,977	3,670	17
Symptoms signs and ill-defined conditions	574,546	3,072	11,646	8,804	5,145	4,485	572	1,853	348,305	24,027	7,206	86,816	34,630	4,671	21,543	11,736	35
Injury and poisoning	466,396	4,110	9,462	9,273	5,619	3,376	322	1,598	278,955	19,029	8,602	65,244	27,538	3,909	18,494	10,815	50
Fractures, all sites	67,674	509	1,291	1,306	853	541	57	222	39,656	2,958	1,311	10,178	3,827	549	3,004	1,405	7
Sprains	51,427	614	1,088	1,128	817	344	32	229	30,985	2,478	1,081	5,847	3,127	489	1,996	1,164	8
Intracranial	11,894	168	240	291	160	70	10	26	6,548	476	312	2,027	674	97	514	278	*
Open wounds	89,660	937	2,068	1,967	909	731	50	273	52,311	3,777	1,596	13,522	4,923	733	3,879	1,975	9
Superficial injuries	91,100	864	2,193	2,008	1,180	732	61	427	53,943	4,451	1,638	11,234	5,537	909	3,489	2,426	8
Contusions with intact skin surface	65,707	627	1,639	1,450	866	427	41	320	39,111	3,310	1,159	7,498	4,262	661	2,537	1,794	*
Foreign bodies	10,127	65	277	191	100	94	6	37	5,902	383	159	1,524	646	88	392	263	0
Burns and corrosions	7,190 <sup>†</sup>	94	156	171	90	56	*	33	4,548	259	125	800	430	49	236	136	0
Trauma complications and unspecified injuries	30,354	79	187	380	276	150	12	18	20,034	541	253	4,786	1,817	176	914	730	*
Poisonings	13,790	74	307	252	153	88	22	48	8,119	456	213	2,257	832	69	547	353	0
Surgical and medical complications	13,131	62	275	253	160	110	14	48	7,751	681	275	1,748	749	81	587	335	*

Notes: \* Cell suppressed due to non-zero count less than 6; † Sum rounded to nearest tens unit due to non-zero addend less than 6; <sup>a</sup> Excluding newborn infants.

**TABLE 7C-2 (CORRECTION)  
NUMBER OF EMERGENCY ROOM VISITS FOR THE LEADING DIAGNOSIS GROUPS<sup>a</sup> AND COUNTY OF RESIDENCE, ARIZONA, 2016**

Leading diagnosis	Total	Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma	Unknown
<b>Total</b>	2,402,128	19,959	50,732	41,099	26,800	18,192	2,182	7,782	1,455,118	##	37,978	338,971	139,530	18,286	89,365	53,265	208
Abdominal pain	149,752	676	2,696	2,340	1,127	1,127	177	460	91,220	5,558	1,743	23,755	9,235	1,327	5,283	2,984	*
Chest pain	109,436	561	2,424	1,427	991	811	110	377	66,054	4,508	1,588	16,074	6,935	786	3,968	2,815	7
<b>Acute upper respiratory infection, excluding pharyngitis</b>	<b>110,091</b>	<b>1,302</b>	<b>2,008</b>	<b>2,145</b>	<b>1,246</b>	<b>1,167</b>	<b>109</b>	<b>287</b>	<b>70,959</b>	<b>3,796</b>	<b>2,002</b>	<b>12,343</b>	<b>6,013</b>	<b>691</b>	<b>3,655</b>	<b>2,363</b>	*
Superficial injuries	91,100	864	2,193	2,008	1,180	732	61	427	53,943	4,451	1,638	11,234	5,537	909	3,489	2,426	8
Mental disorders	84,537	803	1,485	3,298	861	498	69	195	47,606	3,711	2,037	13,430	4,521	553	3,313	2,132	25
Spinal disorders	74,051	435	1,537	1,178	874	668	87	231	43,124	3,915	836	11,603	4,739	533	2,728	1,558	*
<b>Contusion with intact skin surface</b>	<b>65,707</b>	<b>627</b>	<b>1,639</b>	<b>1,450</b>	<b>866</b>	<b>427</b>	<b>41</b>	<b>320</b>	<b>39,111</b>	<b>3,310</b>	<b>1,159</b>	<b>7,498</b>	<b>4,262</b>	<b>661</b>	<b>2,537</b>	<b>1,794</b>	*
Nausea, vomiting	43,201	163	946	716	385	552	63	133	26,722	2,017	574	6,045	2,345	424	1,446	669	*
Headache	43,166	195	718	618	324	357	34	104	27,683	1,467	328	6,097	2,702	427	1,409	702	*
<b>Urinary tract infection, site not specified</b>	<b>43,067</b>	<b>254</b>	<b>1,300</b>	<b>507</b>	<b>666</b>	<b>408</b>	<b>50</b>	<b>110</b>	<b>25,066</b>	<b>2,203</b>	<b>340</b>	<b>5,434</b>	<b>3,039</b>	<b>536</b>	<b>1,833</b>	<b>1,318</b>	*
<b>Sprains and strains, excluding ankle and back</b>	<b>38,714</b>	<b>502</b>	<b>754</b>	<b>779</b>	<b>592</b>	<b>239</b>	<b>22</b>	<b>168</b>	<b>23,595</b>	<b>1,745</b>	<b>885</b>	<b>4,381</b>	<b>2,422</b>	<b>298</b>	<b>1,462</b>	<b>867</b>	*
<b>Open wound, excluding head</b>	<b>38,559</b>	<b>408</b>	<b>971</b>	<b>902</b>	<b>431</b>	<b>321</b>	<b>25</b>	<b>122</b>	<b>21,804</b>	<b>1,809</b>	<b>733</b>	<b>5,868</b>	<b>2,136</b>	<b>332</b>	<b>1,894</b>	<b>801</b>	*
<b>Open wound of head</b>	<b>35,560</b>	<b>120</b>	<b>304</b>	<b>494</b>	<b>301</b>	<b>199</b>	<b>16</b>	<b>30</b>	<b>23,181</b>	<b>678</b>	<b>322</b>	<b>5,704</b>	<b>2,064</b>	<b>206</b>	<b>1,080</b>	<b>859</b>	*
<b>Otitis media and eustachian tube disorders</b>	<b>32,491</b>	<b>445</b>	<b>484</b>	<b>413</b>	<b>458</b>	<b>226</b>	<b>21</b>	<b>107</b>	<b>21,448</b>	<b>855</b>	<b>533</b>	<b>4,201</b>	<b>1,489</b>	<b>273</b>	<b>878</b>	<b>657</b>	*
<b>Cellulitis and abscess</b>	<b>32,092</b>	<b>238</b>	<b>773</b>	<b>409</b>	<b>569</b>	<b>268</b>	<b>36</b>	<b>128</b>	<b>19,000</b>	<b>1,654</b>	<b>541</b>	<b>4,484</b>	<b>1,814</b>	<b>208</b>	<b>1,455</b>	<b>510</b>	*
<b>Heart disease, excluding ischemic</b>	<b>30,196</b>	<b>229</b>	<b>1,000</b>	<b>445</b>	<b>546</b>	<b>286</b>	<b>45</b>	<b>174</b>	<b>17,228</b>	<b>1,469</b>	<b>427</b>	<b>3,661</b>	<b>2,050</b>	<b>244</b>	<b>1,629</b>	<b>758</b>	*
<b>Asthma</b>	<b>26,713</b>	<b>204</b>	<b>481</b>	<b>305</b>	<b>259</b>	<b>199</b>	<b>17</b>	<b>78</b>	<b>17,855</b>	<b>729</b>	<b>345</b>	<b>3,370</b>	<b>1,336</b>	<b>196</b>	<b>717</b>	<b>621</b>	*
<b>Gastroenteritis and colitis</b>	<b>23,860†</b>	<b>214</b>	<b>328</b>	<b>357</b>	<b>264</b>	<b>102</b>	<b>*</b>	<b>77</b>	<b>15,623</b>	<b>775</b>	<b>255</b>	<b>3,207</b>	<b>1,254</b>	<b>155</b>	<b>795</b>	<b>447</b>	*
<b>Chronic and unspecified bronchitis</b>	<b>23,025</b>	<b>132</b>	<b>709</b>	<b>275</b>	<b>505</b>	<b>124</b>	<b>14</b>	<b>134</b>	<b>11,339</b>	<b>2,183</b>	<b>301</b>	<b>3,714</b>	<b>1,541</b>	<b>201</b>	<b>1,347</b>	<b>505</b>	*
<b>Rheumatism, excluding back</b>	<b>22,283</b>	<b>165</b>	<b>477</b>	<b>370</b>	<b>289</b>	<b>168</b>	<b>27</b>	<b>82</b>	<b>12,876</b>	<b>1,224</b>	<b>309</b>	<b>3,503</b>	<b>1,305</b>	<b>134</b>	<b>836</b>	<b>516</b>	*
<b>Pneumonia</b>	<b>22,094</b>	<b>226</b>	<b>708</b>	<b>277</b>	<b>233</b>	<b>216</b>	<b>30</b>	<b>130</b>	<b>13,150</b>	<b>858</b>	<b>355</b>	<b>2,871</b>	<b>1,480</b>	<b>168</b>	<b>929</b>	<b>463</b>	0
<b>Acute pharyngitis</b>	<b>21,704</b>	<b>476</b>	<b>393</b>	<b>461</b>	<b>320</b>	<b>260</b>	<b>20</b>	<b>64</b>	<b>13,156</b>	<b>930</b>	<b>416</b>	<b>2,764</b>	<b>1,099</b>	<b>169</b>	<b>669</b>	<b>507</b>	0
<b>Fever</b>	<b>20,176</b>	<b>107</b>	<b>224</b>	<b>367</b>	<b>129</b>	<b>171</b>	<b>12</b>	<b>68</b>	<b>13,060</b>	<b>701</b>	<b>214</b>	<b>3,161</b>	<b>962</b>	<b>242</b>	<b>501</b>	<b>256</b>	*
<b>Migraine</b>	<b>19,818</b>	<b>174</b>	<b>651</b>	<b>208</b>	<b>215</b>	<b>96</b>	<b>12</b>	<b>73</b>	<b>12,245</b>	<b>619</b>	<b>272</b>	<b>2,811</b>	<b>1,332</b>	<b>149</b>	<b>495</b>	<b>466</b>	0
<b>Sprains and strains of neck and back</b>	<b>4,560†</b>	<b>43</b>	<b>110</b>	<b>108</b>	<b>128</b>	<b>21</b>	<b>*</b>	<b>27</b>	<b>2,614</b>	<b>192</b>	<b>78</b>	<b>482</b>	<b>301</b>	<b>35</b>	<b>204</b>	<b>213</b>	*
<b>Unspecified viral and chlamydial infection</b>	<b>280†</b>	<b>*</b>	<b>91</b>	<b>11</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>105</b>	<b>*</b>	<b>6</b>	<b>41</b>	<b>7</b>	<b>0</b>	<b>6</b>	<b>10</b>	0

Notes: \* Cell suppressed due to non-zero count less than 6; † Sum rounded to nearest tens unit due to non-zero addend less than 6; <sup>a</sup> Based on first-listed diagnosis.

# **7D**

## **INJURY-RELATED INPATIENT DISCHARGES AND EMERGENCY ROOM VISITS BY INTENT AND MECHANISM OF INJURY BY COUNTY OF RESIDENCE**

**TABLE 7D-1  
INPATIENT DISCHARGES<sup>a</sup> BY INTENT AND MECHANISM FOR SELECTED EXTERNAL CAUSES BY COUNTY OF RESIDENCE,  
ARIZONA, 2016**

Intent/mechanism of injury	Total	Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma	Unknown
<b>UNINTENTIONAL INJURY</b>	49,349	393	1,026	682	564	296	42	193	28,446	1,585	793	8,512	2,721	277	2,150	1,665	*
<b>Falls</b>	30,741	179	677	362	351	157	25	115	17,522	1,037	410	5,652	1,625	162	1,457	1,010	0
<b>Transport accidents</b>	8,445	110	147	141	96	61	10	36	5,325	137	170	1,116	520	48	304	220	*
<b>Natural and environmental factors</b>	5,180†	50	123	78	65	42	*	23	2,466	289	114	1,055	267	39	231	335	0
<b>Exposure to excessive natural heat</b>	370†	*	0	*	*	*	0	*	257	16	*	23	28	0	*	26	0
<b>Fire and flames</b>	360†	11	10	15	*	6	*	*	192	11	10	54	22	*	6	12	0
<b>Machinery</b>	220†	*	*	*	*	0	0	*	143	*	*	23	21	*	8	*	0
<b>SUICIDE</b>	1,190†	11	22	18	12	10	*	6	729	12	21	216	70	*	35	17	0
<b>ASSAULT</b>	2,240†	61	29	58	33	58	*	6	1,340	29	105	306	115	8	26	60	0
<b>INJURIES OF UNDETERMINED INTENT</b>	240†	*	*	*	*	*	0	*	141	*	*	28	21	*	16	11	0
<b>COMPLICATIONS OF CARE AND ADVERSE EFFECTS OF MEDICAL TREATMENT</b>	37,380	222	722	540	453	202	41	131	22,202	1,401	601	5,554	2,639	235	1,307	1,130	0
<b>Misadventures to patients</b>	470†	*	12	9	*	*	*	*	247	29	13	69	35	*	16	20	0
<b>Surgical and medical procedures as the cause of adverse reaction</b>	33,971	202	650	480	415	189	40	109	20,497	1,241	529	4,886	2,419	222	1,095	997	0

Notes: \* Cell suppressed due to non-zero count less than 6; † Sum rounded to nearest tens unit due to non-zero addend less than 6.



**TABLE 7D-2  
EMERGENCY ROOM VISITS<sup>6</sup> BY INTENT AND MECHANISM OF EXTERNAL CAUSES AND COUNTY OF RESIDENCE,  
ARIZONA, 2016**

Intent/mechanism of injury	Apache	Cochise	Cocoino	Gila	Graham	Greenlee	La Paz	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma	Unknown
<b>Total</b>	3,768	9,904	8,641	4,993	3,251	313	1,533	270,735	19,342	7,804	66,296	25,696	3,687	19,289	11,164	39
<b>UNINTENTIONAL INJURIES</b>	456,455	3,768	9,904	8,641	4,993	3,251	313	1,533	19,342	7,804	66,296	25,696	3,687	19,289	11,164	39
Falls	1,392	3,962	3,161	2,156	1,201	117	602	97,835	7,507	2,945	23,821	9,665	1,521	7,647	3,734	17
Transport accidents	498	1,227	1,442	596	328	36	205	48,682	2,173	1,048	10,808	4,128	425	2,617	1,871	12
Struck against or struck accidentally by objects or person	543	1,297	1,216	742	536	44	158	36,383	2,392	1,026	8,262	3,282	574	2,330	1,355	*
Overexertion	82	147	155	88	65	*	36	3,986	228	166	804	466	51	448	176	0
Cutting or piercing instruments or objects	299	628	661	310	245	15	80	13,283	1,208	460	3,329	1,246	203	1,376	528	*
Natural and environmental factors	559	1,590	1,223	632	491	67	313	48,567	4,050	1,497	13,927	4,598	649	3,237	2,678	*
Exposure to excessive natural heat	*	21	14	11	11	*	16	985	152	14	187	133	0	46	155	0
Fire and flames	31	59	79	31	20	*	12	1,489	96	46	287	154	20	90	64	*
Machinery	35	118	63	41	17	*	9	1,206	110	50	301	160	17	102	79	0
Pedal cycle, nontraffic and other	35	134	195	65	38	*	17	4,250	209	81	1,146	338	35	285	147	0
Motor vehicle, nontraffic	16	53	50	24	10	*	8	660	86	48	228	74	9	49	29	0
Firearm missile	11	26	12	12	*	*	*	535	54	17	133	72	*	45	25	0
Drowning/submersion	0	*	*	*	0	0	0	102	*	*	16	*	0	*	10	0
<b>SELF-INFLICTED (SUICIDE)</b>	24	74	80	37	37	*	7	1,919	162	88	441	221	14	165	105	*
<b>ASSAULT</b>	313	320	676	230	224	8	47	11,060	673	725	3,219	1,060	98	437	460	7
<b>INJURIES OF UNDETERMINED INTENT</b>	35	23	15	13	*	0	*	826	18	27	74	91	6	38	17	*
<b>COMPLICATIONS OF CARE AND ADVERSE EFFECTS OF MEDICAL TREATMENT</b>	51	114	210	149	140	23	32	7,296	553	233	1,702	659	79	639	378	*
Misadventures to patients	0	*	*	*	0	0	*	107	*	7	13	*	*	*	*	0
<b>Surgical and medical procedures as the cause of adverse reaction</b>	48	109	191	138	134	22	24	6,463	504	202	1,593	594	75	593	367	*

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