

## Appendix I. Intersection Crash Rate

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OID *	Intersection_Name	Incidents	Total_Inj	TotalFatality	Daily_Total	SevereInjCrashes	PednCycleIncident	CrashRate	TruckIncidents	DUI_Incidents	AveCrashFreq	NightCrashPercent	BUS_Crash
1	35th Ave & State Route 101	144	103	0	42548.70	6	<Null>	1.85	15	7	28.8	24.31%	1
2	31st Ave & State Route 101	48	34	0	20462.33	2	<Null>	1.29	5	2	9.6	22.92%	<Null>
3	19th Ave & State Route 101	97	69	1	41463.86	5	<Null>	1.28	7	5	19.4	11.34%	<Null>
4	35th Ave & Bell Rd	173	120	0	51941.78	9	4	1.83	13	11	34.6	21.39%	1
5	Interstate 17 & Bell Rd	327	170	0	67639.56	6	3	2.65	29	15	65.4	17.74%	2
6	19th Ave & Bell Rd	182	96	1	46242.46	6	10	2.16	21	10	36.4	30.22%	<Null>
7	35th Ave & Thunderbird Rd	158	124	0	58101.88	6	6	1.49	9	13	31.6	25.32%	1
8	Interstate 17 & Thunderbird Rd	309	137	0	64058.58	4	6	2.64	23	10	61.8	22.65%	<Null>
9	19th Ave & Thunderbird Rd	151	73	0	56408.86	5	8	1.47	23	11	30.2	25.83%	6
10	19th Ave & Dunlap Ave	226	109	0	64540.40	7	16	1.92	33	11	45.2	16.81%	11
11	Interstate 17 & Dunlap Ave	293	151	0	88750.53	13	8	1.81	23	15	58.6	29.01%	4
12	35th Ave & Dunlap Ave	290	197	1	72707.66	8	14	2.19	37	18	58	23.45%	5
13	35th Ave & Glendale Ave	180	124	0	61640.73	6	12	1.60	25	10	36	22.78%	2
14	27th Ave & Glendale Ave	192	126	0	61287.45	7	6	1.72	19	12	38.4	28.65%	1
15	Interstate 17 & Glendale Ave	142	63	1	71805.59	5	7	1.08	17	8	28.4	26.76%	<Null>
16	19th Ave & Glendale Ave	178	126	1	62896.27	7	11	1.55	20	9	35.6	21.91%	9
17	35th Ave & Grand Ave	42	21	2	71547.89	2	<Null>	0.32	4	6	8.4	33.33%	<Null>
18	27th Ave & Indian School Rd	205	117	1	80174.54	12	12	1.40	23	14	41	32.20%	4
19	Interstate 17 & Indian School Rd	219	127	0	91432.01	5	6	1.31	29	20	43.8	22.83%	1
20	19th Ave & Indian School Rd	172	98	1	76913.48	8	10	1.23	19	9	34.4	16.86%	1
21	19th Ave & Grand Ave	137	58	1	60745.75	3	3	1.24	30	5	27.4	24.82%	11
22	35th Ave & Interstate 10	181	72	1	58242.37	2	3	1.70	33	16	36.2	24.31%	1
23	27th Ave & Interstate 10	28	8	0	28028.63	<Null>	<Null>	0.55	7	3	5.6	21.43%	1
24	19th Ave & Interstate 10	37	17	0	32838.00	1	1	0.62	5	1	7.4	13.51%	<Null>
25	35th Ave & Buckeye Rd	121	85	1	45780.66	9	6	1.45	29	9	24.2	15.70%	2
26	27th Ave & Buckeye Rd	62	40	0	42483.54	3	2	0.80	17	2	12.4	22.58%	1
27	Interstate 17 & Buckeye Rd	102	74	1	42076.06	4	<Null>	1.33	51	2	20.4	14.71%	2
28	19th Ave & Buckeye Rd	59	41	1	31407.40	2	2	1.03	20	2	11.8	22.03%	3
29	19th Ave & Washington St	6	3	0	23823.50	2	2	0.14	2	0	1.2	16.67%	1
30	Interstate 17 & Washington St	23	8	0	27178.03	1	<Null>	0.46	4	2	4.6	17.39%	<Null>
31	27th Ave & Washington St	5	5	0	28609.92	<Null>	<Null>	0.10	<Null>	1	1	<Null>	<Null>
32	35th Ave & Washington St	47	21	0	<Null>	4	2	<Null>	11	4	9.4	8.51%	1
33	35th Ave & Broadway Rd	41	39	1	35338.88	5	4	0.64	10	3	8.2	14.63%	<Null>
34	27th Ave & Broadway Rd	17	8	1	14834.06	3	<Null>	0.63	3	3	3.4	35.29%	<Null>
35	19th Ave & Broadway Rd	100	58	1	42551.31	4	4	1.29	23	6	20	26.00%	4
36	19th Ave & Lower Buckeye Rd	54	24	1	44087.59	4	<Null>	0.67	14	5	10.8	22.22%	2
37	27th Ave & Lower Buckeye Rd	23	11	0	28217.83	<Null>	1	0.45	7	1	4.6	8.70%	2
38	35th Ave & Lower Buckeye Rd	66	35	0	45186.46	1	1	0.80	18	2	13.2	13.64%	1
39	35th Ave & Southern Ave	87	67	0	31127.14	2	4	1.53	12	2	17.4	26.44%	4
40	27th Ave & Southern Ave	35	21	0	27195.06	1	1	0.71	2	3	7	31.43%	1
41	19th Ave & Southern Ave	157	72	0	39754.58	3	6	2.16	15	7	31.4	31.85%	2
42	19th Ave & Baseline Rd	117	85	1	30140.43	10	2	2.13	11	5	23.4	14.53%	2
43	27th Ave & Baseline Rd	21	19	1	25114.71	1	<Null>	0.46	4	0	4.2	14.29%	1
44	35th Ave & Baseline Rd	88	39	1	28490.39	3	5	1.69	2	4	17.6	21.59%	<Null>
45	19th Ave & Interstate 17	159	88	0	49267.08	6	1	1.77	42	13	31.8	23.90%	1

OID *	Intersection_Name	Incidents	Total_Inj	TotalFatality	Daily_Total	SevereInjCrashes	PednCycleIncident	CrashRate	TruckIncidents	DUI_Incidents	AveCrashFreq	NightCrashPercent	BUS_Crash
46	7th St & Baseline Rd	80	49	0	34276.26	4	2	1.28	10	5	16	16.25%	<Null>
47	7th St & Southern Ave	90	79	0	39707.67	6	4	1.24	11	7	18	20.00%	1
48	7th St & Broadway Rd	101	70	1	46624.43	5	1	1.19	14	7	20.2	14.85%	4
49	7th St & Interstate 17	90	40	0	52084.74	1	<Null>	0.95	21	7	18	11.11%	4
50	7th St & Buckeye Rd	69	34	0	33863.67	1	1	1.12	12	3	13.8	20.29%	2
51	7th St & Washington St	68	34	0	39231.14	4	1	0.95	17	0	13.6	8.82%	4
52	Interstate 10 & Washington St	108	49	0	45149.32	1	<Null>	1.31	12	0	21.6	18.52%	1
53	24th St & Washington St	45	30	0	35709.80	3	3	0.69	8	5	9	17.78%	<Null>
54	Interstate 10 & Buckeye Rd	54	38	0	36233.69	1	<Null>	0.82	9	1	10.8	12.96%	1
55	24th St & Buckeye Rd	61	34	0	43436.33	1	1	0.77	20	0	12.2	18.03%	12
56	24th St & Interstate 10	45	24	0	30652.59	<Null>	<Null>	0.80	5	2	9	13.33%	<Null>
57	24th St & Broadway Rd	60	30	0	51099.53	1	2	0.64	7	2	12	30.00%	1
58	24th St & Southern Ave	121	101	1	42157.34	3	2	1.57	17	3	24.2	19.01%	1
59	24th St & Baseline Rd	175	97	0	41706.92	4	7	2.30	22	6	35	23.43%	2
60	48th St & Baseline Rd	207	125	1	78052.74	9	6	1.45	24	7	41.4	20.29%	2
61	48th St & Southern Ave	151	112	1	55649.40	12	10	1.49	11	9	30.2	23.18%	2
62	48th St & Broadway Rd	95	25	1	72064.88	2	2	0.72	20	3	19	20.00%	6
63	State Route 143 & Interstate 10	44	18	0	64706.95	<Null>	<Null>	0.37	6	3	8.8	34.09%	<Null>
64	State Route 143 & Washington St	42	20	0	18401.31	2	<Null>	1.25	4	4	8.4	35.71%	<Null>
65	Interstate 10 & Broadway Rd	131	112	0	<Null>	4	<Null>	<Null>	11	1	26.2	31.30%	1
66	Interstate 10 & Baseline Rd	421	129	1	94132.95	5	7	2.45	47	18	84.2	19.24%	2
67	Priest Dr & State Route 202	157	76	0	51894.95	8	1	1.66	15	10	31.4	30.57%	1
68	Priest Dr & Broadway Rd	137	43	0	51009.73	1	6	1.47	40	6	27.4	23.36%	5
69	Priest Dr & US Highway 60	138	49	0	54489.01	<Null>	2	1.39	11	5	27.6	21.01%	2
70	Priest Dr & Baseline Rd	139	67	0	60613.73	1	7	1.26	18	12	27.8	24.46%	2
71	24th St & State Route 202	85	33	0	51262.99	2	7	0.91	9	5	17	12.94%	<Null>
72	State Route 153 & Washington St	41	12	0	46158.00	4	2	0.49	6	1	8.2	24.39%	2
73	Priest Dr & Washington St	52	14	0	43168.24	1	3	0.66	16	2	10.4	19.23%	5
74	7th St & Interstate 10	281	115	0	76607.00	1	6	2.01	25	2	56.2	12.81%	1
75	Priest Dr & Southern Ave	121	37	0	66659.85	2	3	0.99	16	5	24.2	23.97%	3
76	Kyrene & Southern Ave	53	29	0	35187.15	<Null>	5	0.83	3	3	10.6	9.43%	<Null>
77	Mill Ave & US Highway 60	148	58	0	54290.52	3	1	1.49	12	14	29.6	30.41%	1
78	Kyrene & Baseline Rd North	77	39	0	33605.83	<Null>	12	1.26	8	5	15.4	28.57%	3
79	Kyrene & Guadalupe	109	49	1	45708.52	3	8	1.31	11	1	21.8	16.51%	6
80	35th Ave & Union Hills	138	88	0	44218.14	5	6	1.71	10	13	27.6	18.12%	2
81	27th Ave & Union Hills	31	21	0	<Null>	4	1	<Null>	2	2	6.2	25.81%	1
82	Interstate 17 & Union Hills	112	69	0	50076.51	6	5	1.23	13	8	22.4	19.64%	1
83	35th Ave & Greenway	160	103	1	50761.20	7	9	1.73	10	13	32	27.50%	1
84	Interstate 17 & Greenway	113	43	0	60449.28	<Null>	3	1.02	13	9	22.6	30.09%	<Null>
85	7th Ave & Southern Ave	99	64	0	39317.95	6	5	1.38	11	3	19.8	24.24%	3
86	7th Ave & Buckeye Rd	73	42	0	31055.78	2	2	1.29	11	8	14.6	21.92%	<Null>
87	7th Ave & Washington St	68	36	0	31930.36	1	1	1.17	11	4	13.6	16.18%	3
88	7th Ave & Interstate 17	139	101	0	49098.57	4	3	1.55	32	10	27.8	25.90%	1
89	7th Ave & Broadway Rd	85	57	0	46640.78	3	2	1.00	20	5	17	24.71%	2
90	16th St & Washington St	47	30	0	35134.32	1	1	0.73	6	2	9.4	17.02%	1

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91	16th St & Buckeye Rd	58	35	0	39135.69	3	3	0.81	12	5	11.6	27.59%	1
92	16th St & Interstate 17	102	69	0	47319.83	5	1	1.18	15	5	20.4	15.69%	<Null>
93	16th St & Broadway Rd	95	74	0	52649.41	5	6	0.99	11	6	19	23.16%	<Null>
94	7th Ave & Baseline Rd	124	107	0	28336.98	5	2	2.40	15	2	24.8	17.74%	2
95	16th St & Baseline Rd	126	94	0	41060.06	3	2	1.68	15	5	25.2	30.95%	1
96	16th St & Southern Ave	130	104	0	42268.45	7	6	1.69	17	8	26	22.31%	1
97	32nd St & Baseline Rd	67	53	0	43668.51	4	1	0.84	14	4	13.4	14.93%	3
98	32nd St & Southern Ave	43	35	0	37839.21	3	1	0.62	8	2	8.6	16.28%	1
99	32nd St & Broadway Rd	67	26	1	57447.80	3	<Null>	0.64	8	5	13.4	17.91%	<Null>
100	University & State Route 153	2	0	0	69432.72	<Null>	<Null>	0.02	<Null>	0	0.4	<Null>	<Null>
101	Priest Dr & Guadalupe	19	10	0	29033.88	<Null>	1	0.36	5	0	3.8	31.58%	<Null>
102	48th St & Elliot Rd	47	18	1	37212.45	2	1	0.69	6	1	9.4	21.28%	2
103	Interstate 10 & Elliot Rd	223	69	0	61129.07	<Null>	1	2.00	29	11	44.6	22.87%	<Null>
104	Priest Dr & Elliot Rd	144	38	0	54312.81	2	2	1.45	15	9	28.8	23.61%	5
105	Kyrene & Elliot Rd	109	56	0	46232.35	4	2	1.29	6	4	21.8	18.35%	<Null>
106	48th St & Warner Rd	73	40	0	43359.89	2	2	0.92	5	6	14.6	32.88%	1
107	Interstate 10 & Warner Rd	90	29	0	44981.32	1	<Null>	1.10	4	3	18	28.89%	<Null>
108	Priest Dr & Warner Rd	69	43	0	38782.49	1	1	0.97	11	1	13.8	11.59%	<Null>
109	Kyrene & Warner Rd	58	26	0	33716.80	1	3	0.94	2	1	11.6	22.41%	<Null>
110	56th St & Ray Rd	114	63	0	41276.26	7	2	1.51	12	8	22.8	21.93%	<Null>
111	Interstate 10 & Ray Rd	144	40	0	74180.02	1	2	1.06	4	6	28.8	21.53%	<Null>
112	48th St & Ray Rd	109	55	0	62710.57	4	3	0.95	14	5	21.8	22.94%	<Null>
113	48th St & Chandler Blvd	137	67	0	45946.55	3	10	1.63	10	5	27.4	22.63%	<Null>
114	Interstate 10 & Chandler Blvd	146	66	0	57285.80	3	<Null>	1.40	26	5	29.2	18.49%	<Null>
115	56th St & Chandler Blvd	67	22	0	41593.02	5	<Null>	0.88	9	3	13.4	17.91%	<Null>
116	27th Ave & State Route 101	210	150	0	45168.73	7	1	2.55	18	2	42	16.67%	<Null>
117	35th Ave & Van Buren St	153	85	0	52356.45	2	6	1.60	30	4	30.6	20.26%	3
118	27th Ave & Van Buren St	105	56	0	44880.03	2	3	1.28	35	2	21	11.43%	9
119	7th Ave & Interstate 10	405	128	0	60212.24	1	<Null>	3.69	47	7	81	12.84%	2
120	16th St & Interstate 10	83	48	1	33151.75	2	1	1.37	10	5	16.6	33.73%	1
121	32nd St & Interstate 10	148	73	0	48787.71	3	<Null>	1.66	26	3	29.6	23.65%	1
122	40th St & Interstate 10	40	20	0	22982.89	<Null>	<Null>	0.95	7	3	8	25.00%	<Null>
123	Interstate 10 Exit 152 & Broadway Rd	104	23	0	75554.52	3	3	0.75	25	4	20.8	14.42%	1
124	7th Ave & McDowell Rd	135	75	0	45397.08	6	4	1.63	18	5	27	20.00%	3
125	7th Ave & Van Buren St	107	74	0	51537.34	4	6	1.14	13	3	21.4	22.43%	1
126	7th St & Van Buren St	84	44	0	43100.24	5	3	1.07	19	4	16.8	19.05%	8
127	16th St & Van Buren St	73	44	0	31363.99	1	2	1.28	13	1	14.6	19.18%	1
128	7th St & McDowell Rd	204	112	0	56975.59	3	10	1.96	31	7	40.8	18.63%	4
129	16th St & McDowell Rd	142	72	1	41549.16	5	6	1.87	25	7	28.4	24.65%	6
130	State Route 51 & McDowell Rd	47	16	0	39180.61	1	4	0.66	5	5	9.4	25.53%	1
131	24th St & McDowell Rd	132	98	1	56458.59	9	9	1.28	15	11	26.4	28.03%	2
132	24th St & Van Buren St	58	36	0	34642.64	7	8	0.92	11	5	11.6	18.97%	2
133	Interstate 17 & Van Buren St	40	23	0	18947.10	<Null>	<Null>	1.16	6	4	8	30.00%	<Null>
134	19th Ave & Van Buren St	82	55	0	25501.95	4	8	1.76	18	2	16.4	13.41%	2
135	19th Ave & Union Hills Dr	154	87	1	38085.51	7	5	2.22	14	8	30.8	22.73%	3

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136	19th Ave & Greeway	171	112	2	49262.89	7	5	1.90	21	11	34.2	25.73%	1
137	35th Ave & Cactus Rd	119	91	0	58040.23	7	4	1.12	17	7	23.8	17.65%	2
138	19th Ave & Cactus Rd	96	53	0	35537.22	3	1	1.48	9	6	19.2	17.71%	1
139	Interstate 17 & Cactus Rd	180	80	0	64279.05	5	3	1.53	22	19	36	28.33%	1
140	35th Ave & Peoria Ave	165	108	0	63296.32	7	7	1.43	14	9	33	32.12%	1
141	Interstate 17 & Peoria Ave	321	127	1	76557.71	6	9	2.30	39	22	64.2	34.89%	3
142	19th Ave & Peoria Ave	99	77	0	39808.03	10	8	1.36	6	7	19.8	28.28%	2
143	35th Ave & Northern Ave	191	106	0	61795.12	4	11	1.69	16	10	38.2	29.84%	2
144	27th Ave & Northern Ave	163	104	0	53441.57	4	8	1.67	16	6	32.6	23.93%	2
145	Interstate 17 & Northern Ave	238	99	1	73749.52	9	9	1.77	22	17	47.6	29.83%	1
146	19th Ave & Northern Ave	253	134	1	69639.29	5	19	1.99	27	14	50.6	17.79%	5
147	35th Ave & Bethany Home	223	121	0	62539.82	7	11	1.95	34	11	44.6	25.56%	4
148	27th Ave & Bethany Home	186	110	0	60243.79	7	5	1.69	27	11	37.2	24.19%	<Null>
149	Interstate 17 & Bethany Home	174	80	0	65914.45	3	8	1.45	19	17	34.8	27.59%	2
150	19th Ave & Bethany Home	176	120	0	66386.33	5	14	1.45	28	10	35.2	19.89%	8
151	35th Ave & Camelback Rd	243	122	1	63992.64	8	11	2.08	25	14	48.6	26.75%	2
152	27th Ave & Camelback Rd	243	140	0	64318.58	3	5	2.07	30	21	48.6	28.40%	4
153	Interstate 17 & Camelback Rd	211	98	0	74628.05	5	10	1.55	21	19	42.2	29.38%	1
154	19th Ave & Camelback Rd	147	72	0	74767.91	1	13	1.08	19	17	29.4	23.13%	2
155	35th Ave & Thomas Rd	170	90	1	58937.86	2	9	1.58	22	10	34	21.76%	4
156	27th Ave & Thomas Rd	133	43	0	75136.22	3	3	0.97	30	9	26.6	15.04%	3
157	Interstate 17 & Thomas Rd	180	97	0	70801.67	5	6	1.39	20	15	36	32.22%	1
158	19th Ave & Thomas Rd	118	101	1	45862.56	6	6	1.41	20	5	23.6	15.25%	12
159	35th Ave & McDowell Rd	131	106	1	56960.53	5	3	1.26	26	9	26.2	29.01%	<Null>
160	27th Ave & McDowell Rd	108	68	1	47562.50	6	1	1.24	28	7	21.6	16.67%	1
161	Interstate 17 & McDowell Rd	154	69	0	31939.58	<Null>	<Null>	2.64	20	7	30.8	28.57%	<Null>
162	Central Ave & McDowell Rd	112	63	0	45463.47	6	9	1.35	12	5	22.4	16.96%	3
163	Central Ave & Washington St	40	19	0	29130.88	2	1	0.75	7	5	8	27.50%	5
164	Central Ave & Buckeye Rd	27	18	0	30405.79	2	3	0.49	6	0	5.4	22.22%	<Null>
165	32nd St & Washington St	27	6	0	28882.38	<Null>	1	0.51	5	1	5.4	11.11%	2
166	32nd St & Van Buren St	51	35	0	28479.80	1	3	0.98	11	4	10.2	31.37%	2
167	48th St & Washington St	20	2	0	31725.99	<Null>	1	0.35	5	2	4	35.00%	1
168	48th St & Van Buren St	37	26	0	31467.13	3	1	0.64	6	0	7.4	27.03%	4
169	State Route 202 & Van Buren St	119	73	1	49526.44	8	2	1.32	11	4	23.8	21.85%	<Null>
170	Central Ave & Broadway Rd	77	59	1	45682.37	3	4	0.92	15	5	15.4	12.99%	4
171	Central Ave & Southern Ave	147	106	0	38992.76	3	5	2.07	12	8	29.4	18.37%	2
172	Central Ave & Baseline Rd	182	113	1	36409.96	7	7	2.74	9	8	36.4	23.63%	<Null>
173	Kyrene & Baseline Rd South	68	20	0	48475.67	<Null>	6	0.77	19	3	13.6	14.71%	3
174	Priest Dr & Rio Salado Pkwy	49	21	0	35092.18	1	2	0.77	7	5	9.8	22.45%	3
175	Priest Dr & University Dr	155	70	0	41320.09	3	11	2.06	24	7	31	24.52%	7
176	Arizona Grand Pkwy & Pointe Pkwy	20	7	0	13090.74	<Null>	<Null>	0.84	2	1	4	20.00%	<Null>