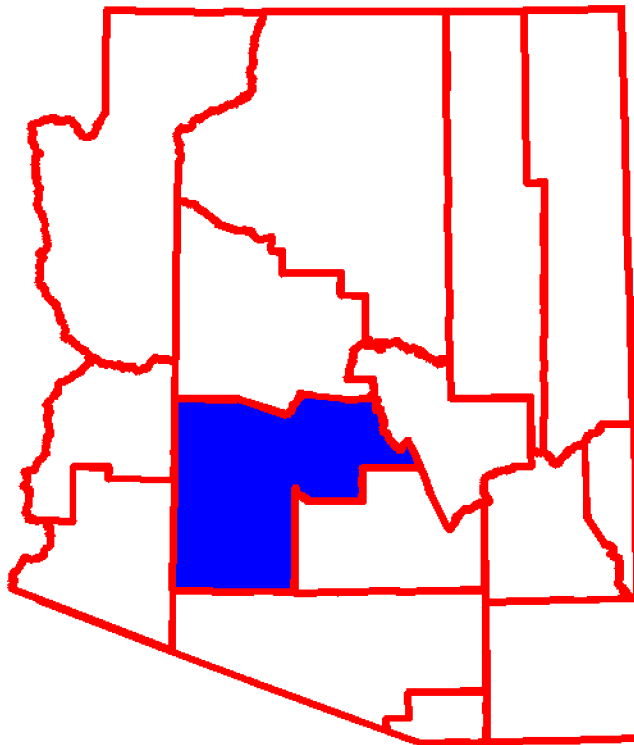




## Traffic Safety Facts Maricopa County, Arizona 2005-2009



This Report Contains Data From the Following Sources:  
Fatality Data - NCSA Fatality Analysis Reporting System (FARS): 2005-2008 Final File and 2009 Annual Report File (ARF)  
Population Data - U.S. Bureau of the Census



## Fatalities by Person/Crash Type

Fatality Type	Fatalities					Fatalities Per 100,000 Population				
	2005	2006	2007	2008	2009	2005	2006	2007	2008	2009
<b>Total Fatalities (All Crashes)*</b>	524	564	461	368	307	14.37	14.94	11.90	9.30	7.63
<b>(1) Alcohol-Impaired Driving (BAC=.08+) Fatalities</b>	162	185	134	99	88	4.44	4.90	3.46	2.50	2.19
<b>(2) Single Vehicle Crash Fatalities</b>	247	257	233	192	166	6.77	6.81	6.02	4.85	4.13
<b>(3) Large Truck Involved Crash Fatalities</b>	51	55	49	35	19	1.40	1.46	1.27	0.88	0.47
<b>(4) Speeding Involved Crash Fatalities</b>	246	267	191	138	112	6.75	7.07	4.93	3.49	2.78
<b>(5) Rollover Involved Crash Fatalities</b>	115	131	118	90	54	3.15	3.47	3.05	2.27	1.34
<b>(6) Roadway Departure Involved Crash Fatalities</b>	176	171	160	109	77	4.83	4.53	4.13	2.75	1.91
<b>(7) Intersection (or Intersection Related) Crash Fatalities</b>	175	204	172	134	101	4.80	5.40	4.44	3.39	2.51
<b>Passenger Car Occupant Fatalities</b>	188	218	167	126	90	5.15	5.77	4.31	3.18	2.24
<b>Light Truck Occupant Fatalities</b>	115	128	106	84	70	3.15	3.39	2.74	2.12	1.74
<b>Motorcyclist Fatalities</b>	81	70	72	70	63	2.22	1.85	1.86	1.77	1.57
<b>Pedestrian Fatalities</b>	84	97	80	68	56	2.30	2.57	2.07	1.72	1.39
<b>Bicyclist (or Other Cyclist) Fatalities</b>	25	21	15	8	15	0.69	0.56	0.39	0.20	0.37

(1) Crash Involved at Least One Driver or Motorcycle Rider With a BAC of .08 or Above

(2) Crash Involved Only One Vehicle In Transport

(3) Crash Involved at Least One Large Truck

(4) Crash Involved at Least One Vehicle Speeding

(5) Crash Involved at Least One Vehicle that Rolled Over

(6) Crash Involved at Least One Vehicle that Departed the Roadway (FHWA Definition)

(7) Crash Occured Within an Intersection or Within the Approach to an Intersection

\*A Fatality Can Be in More Than One Category. Therefore Sum of the Individual Cells Will Not Equal the Total Due to Double Counting



### Passenger Vehicle Occupant Fatalities by Restraint Use

Restraint Use	Fatalities					Fatalities Per 100,000 Population				
	2005	2006	2007	2008	2009	2005	2006	2007	2008	2009
<b>Restrained</b>	110	125	100	87	66	3.02	3.31	2.58	2.20	1.64
<b>Unrestrained</b>	168	186	146	106	74	4.61	4.93	3.77	2.68	1.84
<b>Unknown Restraint Use</b>	25	35	27	17	20	0.69	0.93	0.70	0.43	0.50
<b>Total</b>	303	346	273	210	160	8.31	9.16	7.05	5.31	3.98

### Motorcyclist Fatalities by Helmet Use

Helmet Use	Fatalities					Fatalities Per 100,000 Population				
	2005	2006	2007	2008	2009	2005	2006	2007	2008	2009
<b>Helmet Used</b>	34	24	30	34	24	0.93	0.64	0.77	0.86	0.60
<b>No Helmet Used</b>	46	45	40	34	34	1.26	1.19	1.03	0.86	0.85
<b>Unknown Helmet Use</b>	1	1	2	2	5	0.03	0.03	0.05	0.05	0.12
<b>Total</b>	81	70	72	70	63	2.22	1.85	1.86	1.77	1.57



### Fatalities by Person Type and Race/Hispanic Origin

Person Type by Race/Hispanic Origin		2005	2006	2007	2008
Occupants (All Vehicle Types)	Hispanic	139	154	121	80
	White Non-Hispanic	172	252	207	181
	Black, Non-Hispanic	13	18	13	11
	American Indian, Non-Hispanic/Unknown	15	15	14	9
	Asian, Non-Hispanic/Unknown	1	1	0	0
	Multiple Races, Non-Hispanic/Unknown	1	0	0	0
	All Other Non-Hispanic or Race	67	4	6	7
	Unknown Race and Unknown Hispanic	2	0	0	0
	<i>Total</i>	410	444	361	288
Non-Occupants (Pedestrians, Pedalcyclists and Other/Unknown Non-Occupants)					
	Hispanic	40	50	35	19
	White Non-Hispanic	44	52	53	47
	Black, Non-Hispanic	6	4	3	7
	American Indian, Non-Hispanic/Unknown	6	12	7	6
	Asian, Non-Hispanic/Unknown	1	0	1	0
	Multiple Races, Non-Hispanic/Unknown	0	0	0	0
	All Other Non-Hispanic or Race	17	2	0	0
	Unknown Race and Unknown Hispanic	0	0	1	1
<i>Total</i>	114	120	100	80	
Total					
	Hispanic	179	204	156	99
	White Non-Hispanic	216	304	260	228
	Black, Non-Hispanic	19	22	16	18
	American Indian, Non-Hispanic/Unknown	21	27	21	15
	Asian, Non-Hispanic/Unknown	2	1	1	0
	Multiple Races, Non-Hispanic/Unknown	1	0	0	0
	All Other Non-Hispanic or Race	84	6	6	7

(Continued)

Person Type by Race/Hispanic Origin		2005	2006	2007	2008
Total	Unknown Race and Unknown Hispanic	2	0	1	1
	<i>Total</i>	524	564	461	368

2009 Race/Hispanic Origin Data is Not Yet Complete