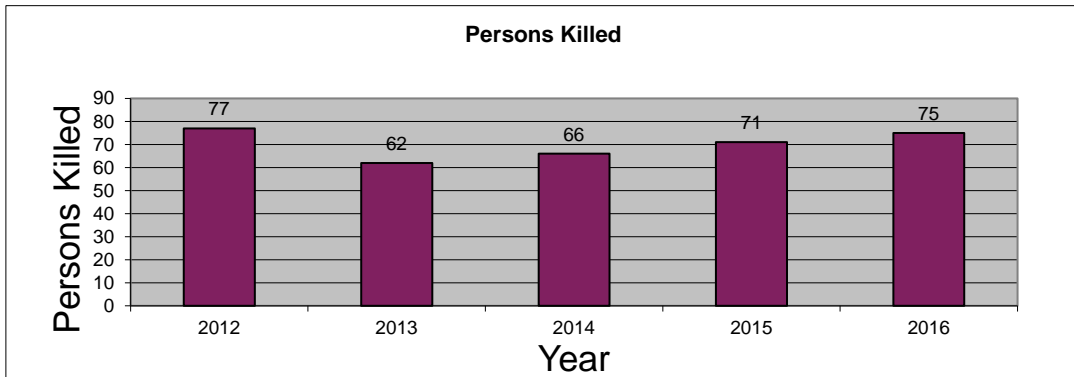
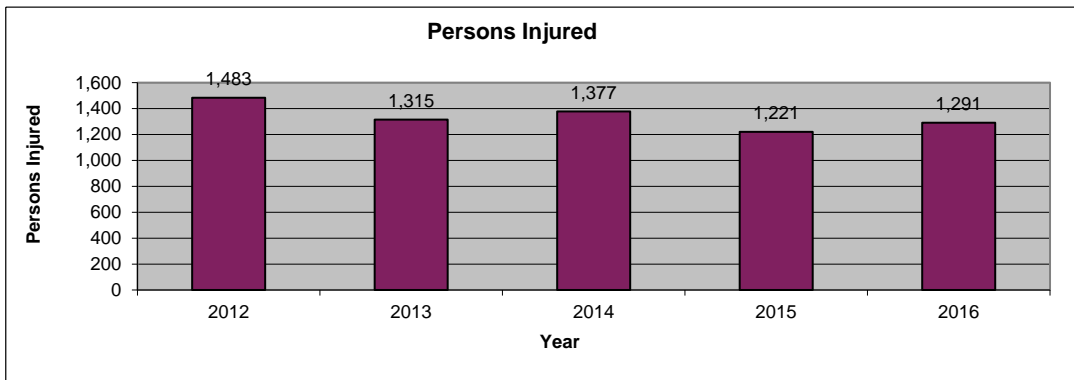
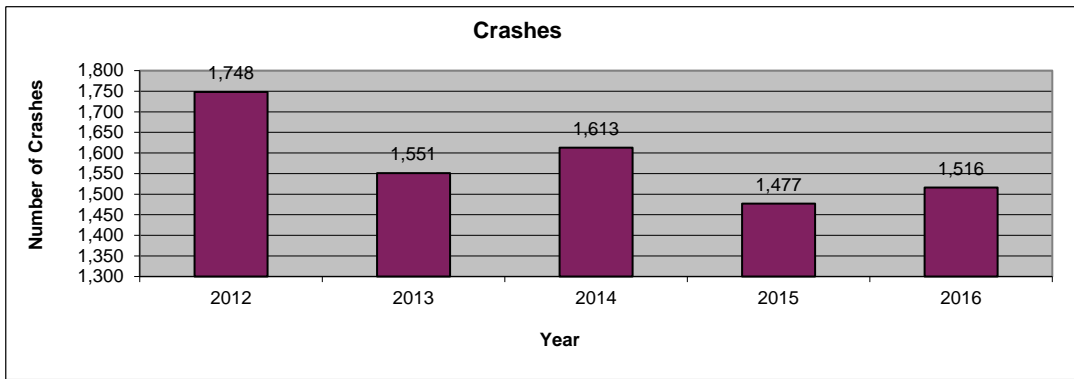


Motorcycle Involved Crash Summary

	2012	2013	2014	2015	2016	5 Year AVG.	%
Fatal Crashes	73	58	66	68	71	67	4.3
Injury Crashes	1,270	1,137	1,186	1,047	1,125	1153	72.9
Property Damage Crashes	405	356	361	362	320	361	22.8
Total Crashes	1,748	1,551	1,613	1,477	1,516	1581	100.0
Total of All Fatalities	77	62	66	71	75	70	
Total Number Injured	1,483	1,315	1,377	1,221	1,291	1,337	



2015 is subject to change. Data are based on reports provided by the Maryland State Police Central Records Division (CRD). 2015 crash reports submitted to CRD during calendar year 2016 (up to Dec. 31, 2016) will be accepted in the database; however, based on an analysis of previous reporting years, nearly all crash reports completed by local agencies have been submitted and processed by this time of year. Revised summary reports may be produced after an analysis is completed on crash reports submitted, or revised, between the run date of this report and Dec. 31, 2016.

**Motorcycle Involved
 Route Type**

Route Type	2012	2013	2014	2015	2016	AVG.	%
IS	128	147	131	143	145	139	8.8
US	139	149	145	152	146	146	9.2
MD	583	524	544	506	523	536	33.9
CO	517	444	451	380	418	442	28.0
MU	89	54	63	120	112	88	5.5
GV	2	1	3	2	5	3	0.2
SR	1	0	2	2	0	1	0.1
OP	10	4	6	3	10	7	0.4
Balto. City CY	206	180	117	0	0	101	6.4
Parking Lots	36	19	16	29	27	25	1.6
Unknown	37	29	135	140	130	94	6.0
Total Crashes	1,748	1,551	1,613	1,477	1,516	1581	100.0

Route Type	2012	2013	2014	2015	2016	AVG.	%
IS	95	108	103	106	105	103	9.0
US	113	114	112	114	114	113	9.8
MD	461	407	437	370	401	415	36.0
CO	394	354	353	299	327	345	30.0
MU	69	39	41	76	79	61	5.3
GV	1	1	2	2	2	2	0.1
SR	0	0	1	2	0	1	0.1
OP	8	3	6	2	5	5	0.4
Balto. City CY	97	84	52	0	0	47	4.0
Parking Lots	19	11	10	4	10	11	0.9
Unknown	13	16	69	72	82	50	4.4
Injury Crashes	1,270	1,137	1,186	1,047	1,125	1153	100.0

Route Type	2012	2013	2014	2015	2016	AVG.	%
IS	6	10	8	8	8	8	11.9
US	7	10	8	10	7	8	12.5
MD	31	20	29	28	29	27	40.8
CO	20	14	17	15	20	17	25.6
MU	0	1	2	3	4	2	3.0
GV	1	0	0	0	1	0	0.6
SR	0	0	0	0	0	0	0.0
OP	0	0	0	0	0	0	0.0
Balto. City CY	0	0	0	0	0	0	0.0
Parking Lots	1	0	0	0	0	0	0.3
Unknown	7	3	2	4	2	4	5.4
Fatal Crashes	73	58	66	68	71	67	100.0

Motorcycle Involved
County

County	2012	2013	2014	2015	2016	AVG.	%
Allegany	23	18	16	11	20	18	1.1
Anne Arundel	159	157	168	155	146	157	9.9
Baltimore	251	212	197	204	196	212	13.4
Calvert	28	41	37	39	34	36	2.3
Caroline	10	7	8	10	5	8	0.5
Carroll	50	45	46	42	34	43	2.7
Cecil	41	46	41	29	49	41	2.6
Charles	61	52	47	53	60	55	3.5
Dorchester	10	10	13	11	6	10	0.6
Frederick	84	96	73	76	76	81	5.1
Garrett	15	10	14	7	15	12	0.8
Harford	60	48	60	53	66	57	3.6
Howard	66	68	68	65	46	63	4.0
Kent	5	3	4	6	4	4	0.3
Montgomery	159	135	146	122	137	140	8.8
Prince George's	249	202	249	207	230	227	14.4
Queen Anne's	21	24	13	9	11	16	1.0
St. Mary's	49	47	39	31	30	39	2.5
Somerset	2	4	7	1	2	3	0.2
Talbot	10	9	9	14	7	10	0.6
Washington	65	46	45	61	79	59	3.7
Wicomico	32	27	37	27	32	31	2.0
Worcester	40	35	45	38	37	39	2.5
Baltimore City	258	209	231	206	194	220	13.9
Total Crashes	1,748	1,551	1,613	1,477	1,516	1,581	100.0

County	2012	2013	2014	2015	2016	AVG.	%
Allegany	13	15	13	10	18	14	1.2
Anne Arundel	125	117	133	117	106	120	10.4
Baltimore	180	161	156	145	151	159	13.8
Calvert	20	31	26	29	27	27	2.3
Caroline	9	6	6	8	4	7	0.6
Carroll	42	34	37	30	27	34	2.9
Cecil	30	37	30	24	37	32	2.7
Charles	48	42	37	42	44	43	3.7
Dorchester	7	8	9	8	5	7	0.6
Frederick	73	80	61	57	69	68	5.9
Garrett	12	9	11	5	14	10	0.9
Harford	53	40	50	43	54	48	4.2
Howard	53	45	60	49	35	48	4.2
Kent	5	3	4	5	3	4	0.3
Montgomery	131	98	113	93	97	106	9.2
Prince George's	180	154	173	137	156	160	13.9
Queen Anne's	18	16	10	6	10	12	1.0
St. Mary's	36	40	32	25	23	31	2.7
Somerset	2	3	6	1	2	3	0.2
Talbot	7	9	7	11	6	8	0.7
Washington	49	36	35	45	61	45	3.9
Wicomico	23	26	29	21	27	25	2.2
Worcester	34	30	39	24	31	32	2.7
Baltimore City	120	97	109	112	118	111	9.6
Injury Crashes	1,270	1,137	1,186	1,047	1,125	1,153	100.0

County	2012	2013	2014	2015	2016	AVG.	%
Allegany	3	0	1	1	2	1	2.1
Anne Arundel	2	5	6	2	9	5	7.1
Baltimore	10	8	4	7	5	7	10.1
Calvert	3	1	2	4	4	3	4.2
Caroline	1	1	2	1	1	1	1.8
Carroll	1	3	4	2	1	2	3.3
Cecil	6	4	3	1	5	4	5.7
Charles	1	1	2	4	8	3	4.8
Dorchester	2	1	0	0	0	1	0.9
Frederick	1	4	2	4	2	3	3.9
Garrett	1	0	0	1	0	0	0.6
Harford	4	1	2	3	3	3	3.9
Howard	3	3	3	4	1	3	4.2
Kent	0	0	0	0	0	0	0.0
Montgomery	5	4	7	8	4	6	8.3
Prince George's	16	13	18	13	13	15	21.7
Queen Anne's	2	2	0	0	0	1	1.2
St. Mary's	3	0	1	2	1	1	2.1
Somerset	0	0	0	0	0	0	0.0
Talbot	0	0	0	1	0	0	0.3
Washington	2	3	3	3	4	3	4.5
Wicomico	1	0	3	1	0	1	1.5
Worcester	0	0	1	2	1	1	1.2
Baltimore City	6	4	2	4	7	5	6.8
Fatal Crashes	73	58	66	68	71	67	100.0

Motorcycle Involved
Month

Month	2012	2013	2014	2015	2016	AVG.	%
January	49	39	21	12	20	28	1.8
February	60	26	30	12	38	33	2.1
March	130	66	52	51	107	81	5.1
April	175	149	133	143	126	145	9.2
May	209	200	213	233	147	200	12.7
June	232	197	267	162	231	218	13.8
July	193	200	226	175	209	201	12.7
August	218	222	227	226	175	214	13.5
September	209	218	226	211	196	212	13.4
October	134	125	126	119	160	133	8.4
November	84	64	62	83	81	75	4.7
December	55	45	30	50	26	41	2.6
Unknown	0	0	0	0	0	0	0.0
Total Crashes	1,748	1,551	1,613	1,477	1,516	1,581	100.0

Month	2012	2013	2014	2015	2016	AVG.	%
January	32	23	14	6	9	17	1.5
February	38	15	19	7	27	21	1.8
March	95	44	35	40	73	57	5.0
April	126	112	101	102	96	107	9.3
May	166	158	157	179	101	152	13.2
June	167	148	190	118	180	161	13.9
July	147	148	178	131	159	153	13.2
August	161	162	166	170	139	160	13.8
September	154	161	177	142	150	157	13.6
October	93	91	87	75	123	94	8.1
November	58	42	40	51	55	49	4.3
December	33	33	22	26	13	25	2.2
Unknown	0	0	0	0	0	0	0.0
Injury Crashes	1,270	1,137	1,186	1,047	1,125	1,153	100.0

Month	2012	2013	2014	2015	2016	AVG.	%
January	3	1	0	0	2	1	1.8
February	3	0	2	1	2	2	2.4
March	3	1	2	1	7	3	4.2
April	5	7	2	7	5	5	7.7
May	7	5	11	9	5	7	11.0
June	11	8	8	6	10	9	12.8
July	9	9	8	7	14	9	14.0
August	11	11	14	9	10	11	16.4
September	12	10	9	15	5	10	15.2
October	4	4	6	6	5	5	7.4
November	5	2	3	5	5	4	6.0
December	0	0	1	2	1	1	1.2
Unknown	0	0	0	0	0	0	0.0
Fatal Crashes	73	58	66	68	71	67	100.0

MARYLAND DEPARTMENT OF TRANSPORTATION
 Maryland Motor Vehicle Administration
 Maryland Highway Safety Office

September 5, 2017

Motorcycle Involved
Day of Week

Day of Week	2012	2013	2014	2015	2016	AVG.	%
Monday	156	155	176	180	150	163	10.3
Tuesday	188	155	175	148	162	166	10.5
Wednesday	212	190	155	156	209	184	11.7
Thursday	234	181	181	144	198	188	11.9
Friday	243	209	256	221	217	229	14.5
Saturday	371	348	356	292	261	326	20.6
Sunday	344	313	314	336	319	325	20.6
Unknown	0	0	0	0	0	0	0.0
Total Crashes	1,748	1,551	1,613	1,477	1,516	1,581	100.0

Day of Week	2012	2013	2014	2015	2016	AVG.	%
Monday	111	99	127	126	113	115	10.0
Tuesday	131	116	123	108	120	120	10.4
Wednesday	150	142	110	111	159	134	11.7
Thursday	168	132	135	97	132	133	11.5
Friday	168	164	195	145	159	166	14.4
Saturday	284	251	264	203	200	240	20.8
Sunday	258	233	232	257	242	244	21.2
Unknown	0	0	0	0	0	0	0.0
Injury Crashes	1,270	1,137	1,186	1,047	1,125	1,153	100.0

Day of Week	2012	2013	2014	2015	2016	AVG.	%
Monday	7	7	3	7	3	5	8.0
Tuesday	4	3	4	4	3	4	5.4
Wednesday	10	5	7	9	10	8	12.2
Thursday	8	6	6	11	15	9	13.7
Friday	9	9	9	8	8	9	12.8
Saturday	17	15	21	16	17	17	25.6
Sunday	18	13	16	13	15	15	22.3
Unknown	0	0	0	0	0	0	0.0
Fatal Crashes	73	58	66	68	71	67	100.0

Motorcycle Involved
Time of Day

Time of Day	2012	2013	2014	2015	2016	AVG.	%
12:00 Midnight	43	36	26	37	23	33	2.1
1:00	29	22	24	24	17	23	1.5
2:00	34	34	21	22	15	25	1.6
3:00	8	12	10	12	12	11	0.7
4:00	11	12	13	10	6	10	0.7
5:00	15	17	19	10	11	14	0.9
6:00	28	35	24	19	32	28	1.7
7:00	36	40	35	34	29	35	2.2
8:00	38	37	35	35	38	37	2.3
9:00	44	46	44	40	41	43	2.7
10:00	64	49	54	38	40	49	3.1
11:00	63	65	78	53	67	65	4.1
12:00 Noon	100	85	84	59	83	82	5.2
1:00	95	111	99	86	107	100	6.3
2:00	114	108	105	103	106	107	6.8
3:00	156	98	131	133	111	126	8.0
4:00	146	144	141	133	126	138	8.7
5:00	187	136	161	140	142	153	9.7
6:00	144	127	133	120	135	132	8.3
7:00	121	93	115	115	108	110	7.0
8:00	88	99	95	77	110	94	5.9
9:00	76	53	57	78	65	66	4.2
10:00	58	59	59	58	47	56	3.6
11:00	50	32	49	41	45	43	2.7
Unknown	0	1	1	0	0	0	0.0
Total Crashes	1,748	1,551	1,613	1,477	1,516	1,581	100.0

Time of Day	2012	2013	2014	2015	2016	AVG.	%
12:00 Midnight	32	24	19	24	18	23	2.0
1:00	15	15	17	15	16	16	1.4
2:00	24	19	9	13	11	15	1.3
3:00	5	7	5	6	10	7	0.6
4:00	7	9	8	4	3	6	0.5
5:00	11	14	16	8	6	11	1.0
6:00	18	25	18	13	23	19	1.7
7:00	22	33	25	19	21	24	2.1
8:00	28	28	27	21	24	26	2.2
9:00	31	26	31	29	30	29	2.5
10:00	51	38	40	29	32	38	3.3
11:00	48	50	59	38	52	49	4.3
12:00 Noon	68	57	65	42	58	58	5.0
1:00	73	80	85	64	81	77	6.6
2:00	87	86	84	74	82	83	7.2
3:00	120	77	97	101	83	96	8.3
4:00	118	109	108	98	100	107	9.2
5:00	134	99	118	103	100	111	9.6
6:00	102	95	93	86	99	95	8.2
7:00	90	72	85	86	83	83	7.2
8:00	67	78	64	49	83	68	5.9
9:00	53	34	37	58	50	46	4.0
10:00	38	37	43	42	32	38	3.3
11:00	28	24	33	25	28	28	2.4
Unknown	0	1	0	0	0	0	0.0
Injury Crashes	1,270	1,137	1,186	1,047	1,125	1,153	100.0

Time of Day	2012	2013	2014	2015	2016	AVG.	%
12:00 Midnight	1	4	1	3	2	2	3.3
1:00	4	0	1	0	0	1	1.5
2:00	0	2	0	4	1	1	2.1
3:00	2	2	2	0	0	1	1.8
4:00	1	0	0	4	1	1	1.8
5:00	1	1	1	1	0	1	1.2
6:00	2	1	2	1	2	2	2.4
7:00	4	0	1	0	3	2	2.4
8:00	0	1	0	1	1	1	0.9
9:00	1	6	1	2	3	3	3.9
10:00	4	3	0	1	2	2	3.0
11:00	1	3	6	4	1	3	4.5
12:00 Noon	2	6	3	4	3	4	5.4
1:00	5	3	3	1	6	4	5.4
2:00	3	1	3	3	4	3	4.2
3:00	5	2	4	5	5	4	6.3
4:00	3	1	4	5	4	3	5.1
5:00	5	6	7	5	9	6	9.5
6:00	4	2	8	4	4	4	6.5
7:00	4	1	6	6	1	4	5.4
8:00	6	4	6	5	6	5	8.0
9:00	3	4	0	5	2	3	4.2
10:00	7	3	3	1	5	4	5.7
11:00	5	2	4	3	6	4	6.0
Unknown	0	0	0	0	0	0	0.0
Fatal Crashes	73	58	66	68	71	67	100.0

**Motorcycle Involved
 Driver Age**

Driver Age	2012	2013	2014	2015	2016	AVG.	%
15 and Under	6	8	7	6	3	6	0.4
16	1	2	9	4	1	3	0.2
17	12	7	8	9	7	9	0.5
18	19	11	15	14	17	15	0.9
19	31	25	31	27	16	26	1.6
20	37	21	30	28	33	30	1.8
21 - 24	204	185	183	163	169	181	11.1
25 - 29	239	212	229	183	222	217	13.3
30 - 34	166	144	148	161	198	163	10.0
35 - 39	139	120	120	133	130	128	7.9
40 - 44	167	132	124	110	125	132	8.1
45 - 49	204	169	147	127	118	153	9.4
50 - 54	168	153	186	164	140	162	9.9
55 - 59	148	131	133	117	102	126	7.7
60 - 64	65	86	83	66	77	75	4.6
65 - 69	41	39	46	48	59	47	2.9
70 - 79	12	14	23	21	31	20	1.2
80 +	3	5	3	7	5	5	0.3
Unknown	137	131	148	135	110	132	8.1
Total Drivers	1,799	1,595	1,673	1,523	1,563	1,631	100.0

Driver Age	2012	2013	2014	2015	2016	AVG.	%
15 and Under	4	5	7	6	3	5	0.4
16	1	2	9	3	1	3	0.3
17	10	4	6	7	5	6	0.6
18	16	7	8	10	12	11	0.9
19	22	20	20	16	13	18	1.6
20	26	15	22	23	23	22	1.9
21 - 24	138	145	132	120	129	133	11.7
25 - 29	191	151	168	130	172	162	14.3
30 - 34	116	105	108	129	143	120	10.6
35 - 39	105	87	91	94	106	97	8.5
40 - 44	118	94	97	92	96	99	8.8
45 - 49	153	133	125	98	94	121	10.6
50 - 54	136	118	140	119	105	124	10.9
55 - 59	118	97	97	93	76	96	8.5
60 - 64	51	74	69	51	55	60	5.3
65 - 69	29	27	41	33	42	34	3.0
70 - 79	7	10	19	16	26	16	1.4
80 +	2	2	1	4	3	2	0.2
Unknown	4	8	6	3	8	6	0.5
Injured Drivers	1,247	1,104	1,166	1,047	1,112	1,135	100.0

Driver Age	2012	2013	2014	2015	2016	AVG.	%
15 and Under	0	0	0	0	0	0	0.0
16	0	0	0	0	0	0	0.0
17	1	0	1	0	0	0	0.6
18	0	0	1	0	1	0	0.6
19	4	0	2	1	2	2	2.8
20	1	0	1	1	1	1	1.2
21 - 24	6	8	6	8	15	9	13.2
25 - 29	7	13	6	10	8	9	13.5
30 - 34	10	6	12	5	8	8	12.6
35 - 39	6	4	7	9	3	6	8.9
40 - 44	9	4	3	4	6	5	8.0
45 - 49	11	5	4	6	5	6	9.5
50 - 54	5	4	10	5	5	6	8.9
55 - 59	5	8	8	6	4	6	9.5
60 - 64	2	1	2	5	4	3	4.3
65 - 69	2	1	1	6	3	3	4.0
70 - 79	1	1	0	1	2	1	1.5
80 +	0	0	0	0	0	0	0.0
Unknown	1	0	0	0	1	0	0.6
Driver Fatalities	71	55	64	67	68	65	100.0

Driver pages - motorcycle drivers only.

Motorcycle Involved Driver Gender

	2012	2013	2014	2015	2016	AVG.	%
Driver Gender							
Male	1,534	1,369	1,422	1,294	1,360	1,396	85.6
Female	149	120	129	91	95	117	7.2
Unknown	116	106	122	138	108	118	7.2
Total Drivers	1,799	1,595	1,673	1,523	1,563	1,631	100.0

	2012	2013	2014	2015	2016	AVG.	%
Driver Gender							
Male	1,138	1,012	1,071	962	1,030	1,043	91.8
Female	106	88	92	78	71	87	7.7
Unknown	3	4	3	7	11	6	0.5
Driver Injuries	1,247	1,104	1,166	1,047	1,112	1,135	100.0

	2012	2013	2014	2015	2016	AVG.	%
Driver Gender							
Male	64	54	62	67	64	62	95.7
Female	7	1	2	0	4	3	4.3
Unknown	0	0	0	0	0	0	0.0
Driver Fatalities	71	55	64	67	68	65	100.0

**Motorcycle Involved
 Driver Safety Equipment Use**

Safety Equipment	2012	2013	2014	2015	2016	AVG.	%
Not Applicable	240	204	186	126	141	179	11.0
None	176	109	166	160	150	152	9.3
Lap belt only	0	0	0	1	0	0	0.0
Shoulder belt only	0	0	0	0	1	0	0.0
Shoulder/Lap belt(s)	0	3	10	26	30	14	0.8
Child/Youth restraint	0	0	0	0	0	0	0.0
Child restraint forward	0	0	0	0	0	0	0.0
Child restraint rear	0	0	0	0	0	0	0.0
Booster seat	0	0	0	0	0	0	0.0
Child restraint unknown	0	0	0	0	0	0	0.0
Mc/Bike helmet	667	617	624	581	683	634	38.9
Mc/bike shield only	16	27	13	21	15	18	1.1
Mc/bike helmet & shield	615	561	565	497	454	538	33.0
Protective pads	0	0	1	0	3	1	0.0
Reflective clothing	0	0	0	1	0	0	0.0
Lighting	0	0	0	0	0	0	0.0
Air bag only	0	0	0	0	0	0	0.0
Air bag and belts	0	0	0	0	0	0	0.0
Other	3	2	5	3	2	3	0.2
Unknown	82	72	103	107	84	90	5.5
Total Drivers	1,799	1,595	1,673	1,523	1,563	1,631	100.0

Safety Equipment	2012	2013	2014	2015	2016	AVG.	%
Not Applicable	83	64	63	84	91	77	6.8
None	114	73	98	113	114	102	9.0
Lap belt only	0	0	0	1	0	0	0.0
Shoulder belt only	0	0	0	0	0	0	0.0
Shoulder/Lap belt(s)	0	3	5	15	18	8	0.7
Child/Youth restraint	0	0	0	0	0	0	0.0
Child restraint forward	0	0	0	0	0	0	0.0
Child restraint rear	0	0	0	0	0	0	0.0
Booster seat	0	0	0	0	0	0	0.0
Child restraint unknown	0	0	0	0	0	0	0.0
Mc/Bike helmet	523	497	493	437	512	492	43.4
Mc/bike shield only	11	17	9	11	9	11	1.0
Mc/bike helmet & shield	478	421	458	374	352	417	36.7
Protective pads	0	0	1	0	3	1	0.1
Reflective clothing	0	0	0	0	0	0	0.0
Lighting	0	0	0	0	0	0	0.0
Air bag only	0	0	0	0	0	0	0.0
Air bag and belts	0	0	0	0	0	0	0.0
Other	2	1	4	2	1	2	0.2
Unknown	36	28	35	10	12	24	2.1
Driver Injuries	1,247	1,104	1,166	1,047	1,112	1,135	100.0

Safety Equipment	2012	2013	2014	2015	2016	AVG.	%
Not Applicable	1	0	1	0	3	1	1.5
None	9	7	7	3	4	6	9.2
Lap belt only	0	0	0	0	0	0	0.0
Shoulder belt only	0	0	0	0	0	0	0.0
Shoulder/Lap belt(s)	0	0	0	0	0	0	0.0
Child/Youth restraint	0	0	0	0	0	0	0.0
Child restraint forward	0	0	0	0	0	0	0.0
Child restraint rear	0	0	0	0	0	0	0.0
Booster seat	0	0	0	0	0	0	0.0
Child restraint unk.	0	0	0	0	0	0	0.0
Mc/Bike helmet	30	22	29	28	37	29	44.9
Mc/bike shield only	3	1	1	4	0	2	2.8
Mc/bike helmet & shield	28	24	23	31	23	26	39.7
Protective pads	0	0	0	0	0	0	0.0
Reflective clothing	0	0	0	0	0	0	0.0
Lighting	0	0	0	0	0	0	0.0
Air bag only	0	0	0	0	0	0	0.0
Air bag and belts	0	0	0	0	0	0	0.0
Other	0	0	0	0	0	0	0.0
Unknown	0	1	3	1	1	1	1.8
Driver Fatalities	71	55	64	67	68	65	100.0

Driver pages - motorcycle drivers only.

Note: None & Air Bag are counted as no safety equipment in use.

**Motorcycle Involved
 Passenger Age**

Passenger Age	2012	2013	2014	2015	2016	AVG.	%
Under 5	0	1	1	2	0	1	0.7
5 - 9	5	2	5	2	2	3	2.8
10 - 11	1	2	1	0	1	1	0.9
12 - 13	2	3	0	2	1	2	1.4
14 - 15	3	2	2	1	2	2	1.8
16 - 17	6	3	2	1	1	3	2.3
18 - 19	5	3	3	7	2	4	3.5
20 - 24	19	21	15	8	7	14	12.4
25 - 29	7	11	10	9	10	9	8.3
30 - 34	7	12	8	8	10	9	8.0
35 - 39	6	8	6	4	6	6	5.3
40 - 44	9	11	11	11	11	11	9.4
45 - 49	17	17	8	8	10	12	10.6
50 - 54	13	16	20	20	9	16	13.8
55 - 59	10	7	14	11	15	11	10.1
60 - 64	4	4	5	8	2	5	4.1
65 - 69	4	2	4	2	3	3	2.7
70 - 79	1	0	0	0	1	0	0.4
80 +	0	0	1	1	0	0	0.4
Unknown	3	0	4	0	0	1	1.2
Total Passengers	122	125	120	105	93	113	100.0

Passenger Age	2012	2013	2014	2015	2016	AVG.	%
Under 5	0	1	0	1	0	0	0.5
5 - 9	3	0	1	2	2	2	1.8
10 - 11	1	1	0	0	1	1	0.7
12 - 13	2	2	0	2	1	1	1.6
14 - 15	2	1	2	1	2	2	1.8
16 - 17	6	3	2	1	1	3	2.9
18 - 19	4	1	2	6	1	3	3.2
20 - 24	16	17	11	4	7	11	12.4
25 - 29	7	7	8	6	9	7	8.4
30 - 34	4	11	5	4	8	6	7.2
35 - 39	5	5	5	4	5	5	5.4
40 - 44	6	9	10	10	7	8	9.5
45 - 49	13	13	8	7	6	9	10.6
50 - 54	12	10	17	15	9	13	14.3
55 - 59	9	6	12	9	12	10	10.9
60 - 64	4	3	3	8	1	4	4.3
65 - 69	3	2	4	2	2	3	2.9
70 - 79	1	0	0	0	1	0	0.5
80 +	0	0	1	0	0	0	0.2
Unknown	2	0	2	0	0	1	0.9
Injured Passengers	100	92	93	82	75	88	100.0

Passenger Age	2012	2013	2014	2015	2016	AVG.	%
Under 5	0	0	0	0	0	0	0.0
5 - 9	0	0	0	0	0	0	0.0
10 - 11	0	0	0	0	0	0	0.0
12 - 13	0	0	0	0	0	0	0.0
14 - 15	0	0	0	0	0	0	0.0
16 - 17	0	0	0	0	0	0	0.0
18 - 19	0	1	0	0	0	0	5.3
20 - 24	0	1	0	1	0	0	10.5
25 - 29	0	0	0	1	1	0	10.5
30 - 34	1	0	2	1	1	1	26.3
35 - 39	0	0	0	0	0	0	0.0
40 - 44	0	0	0	0	0	0	0.0
45 - 49	1	1	0	0	1	1	15.8
50 - 54	0	2	0	0	0	0	10.5
55 - 59	1	0	0	0	0	0	5.3
60 - 64	0	1	0	0	1	0	10.5
65 - 69	1	0	0	0	0	0	5.3
70 - 79	0	0	0	0	0	0	0.0
80 +	0	0	0	0	0	0	0.0
Unknown	0	0	0	0	0	0	0.0
Passenger Fatalities	4	6	2	3	4	4	100.0

Passenger pages - motorcycle passengers only.

**Motorcycle Involved
 Passenger Gender**

	2012	2013	2014	2015	2016	AVG.	%
Passenger Gender							
Male	14	15	17	14	12	14	12.7
Female	108	110	103	91	81	99	87.3
Unknown	0	0	0	0	0	0	0.0
Total Passengers	122	125	120	105	93	113	100.0

	2012	2013	2014	2015	2016	AVG.	%
Passenger Gender							
Male	10	9	8	9	10	9	10.4
Female	90	83	85	73	65	79	89.6
Unknown	0	0	0	0	0	0	0.0
Passenger Injuries	100	92	93	82	75	88	100.0

	2012	2013	2014	2015	2016	AVG.	%
Passenger Gender							
Male	1	1	0	1	0	1	15.8
Female	3	5	2	2	4	3	84.2
Unknown	0	0	0	0	0	0	0.0
Passenger Fatalities	4	6	2	3	4	4	100.0

Passenger pages - motorcycle passengers only.

**Motorcycle Involved
 Passenger Safety Equipment Use**

Safety Equipment	2012	2013	2014	2015	2016	AVG.	%
Not Applicable	10	8	6	6	4	7	6.0
None	8	11	7	9	10	9	8.0
Lap belt only	0	0	0	0	0	0	0.0
Shoulder belt only	0	0	0	0	0	0	0.0
Shoulder/Lap belt(s)	0	0	0	3	2	1	0.9
Child/Youth restraint	0	0	0	0	0	0	0.0
Child restraint forward	0	0	0	0	0	0	0.0
Child restraint rear	0	0	0	0	0	0	0.0
Booster seat	0	0	0	1	0	0	0.2
Child restraint unk.	0	0	0	0	0	0	0.0
Mc/Bike helmet	65	63	61	50	50	58	51.2
Mc/bike shield only	1	0	2	1	1	1	0.9
Mc/bike helmet & shield	32	36	33	32	26	32	28.1
Protective pads	0	0	0	0	0	0	0.0
Reflective clothing	0	0	0	0	0	0	0.0
Lighting	0	0	0	0	0	0	0.0
Air bag only	0	0	0	0	0	0	0.0
Air bag and belts	0	1	0	0	0	0	0.2
Other	0	2	2	0	0	1	0.7
Unknown	6	4	9	3	0	4	3.9
Total Passengers	122	125	120	105	93	113	100.0

Safety Equipment	2012	2013	2014	2015	2016	AVG.	%
Not Applicable	7	2	1	5	4	4	4.3
None	8	9	6	8	7	8	8.6
Lap belt only	0	0	0	0	0	0	0.0
Shoulder belt only	0	0	0	0	0	0	0.0
Shoulder/Lap belt(s)	0	0	0	1	2	1	0.7
Child/Youth restraint	0	0	0	0	0	0	0.0
Child restraint forward	0	0	0	0	0	0	0.0
Child restraint rear	0	0	0	0	0	0	0.0
Booster seat	0	0	0	0	0	0	0.0
Child restraint unk.	0	0	0	0	0	0	0.0
Mc/Bike helmet	57	47	52	41	38	47	53.2
Mc/bike shield only	0	0	2	1	1	1	0.9
Mc/bike helmet & shield	26	31	29	25	23	27	30.3
Protective pads	0	0	0	0	0	0	0.0
Reflective clothing	0	0	0	0	0	0	0.0
Lighting	0	0	0	0	0	0	0.0
Air bag only	0	0	0	0	0	0	0.0
Air bag and belts	0	1	0	0	0	0	0.2
Other	0	0	1	0	0	0	0.2
Unknown	2	2	2	1	0	1	1.6
Passenger Injuries	100	92	93	82	75	88	100.0

Safety Equipment	2012	2013	2014	2015	2016	AVG.	%
Not Applicable	1	0	0	0	0	0	5.3
None	0	0	0	0	0	0	0.0
Lap belt only	0	0	0	0	0	0	0.0
Shoulder belt only	0	0	0	0	0	0	0.0
Shoulder/Lap belt(s)	0	0	0	0	0	0	0.0
Child/Youth restraint	0	0	0	0	0	0	0.0
Child restraint forward	0	0	0	0	0	0	0.0
Child restraint rear	0	0	0	0	0	0	0.0
Booster seat	0	0	0	0	0	0	0.0
Child restraint unk.	0	0	0	0	0	0	0.0
Mc/Bike helmet	1	5	1	2	4	3	68.4
Mc/bike shield only	1	0	0	0	0	0	5.3
Mc/bike helmet & shield	1	1	1	0	0	1	15.8
Protective pads	0	0	0	0	0	0	0.0
Reflective clothing	0	0	0	0	0	0	0.0
Lighting	0	0	0	0	0	0	0.0
Air bag only	0	0	0	0	0	0	0.0
Air bag and belts	0	0	0	0	0	0	0.0
Other	0	0	0	0	0	0	0.0
Unknown	0	0	0	1	0	0	5.3
Passenger Fatalities	4	6	2	3	4	4	100.0

Passenger pages - motorcycle passengers only.

Note: None & Air Bag are counted as no safety equipment in use.

**Motorcycle Involved
 Pedestrian Age**

Ped. Age	2012	2013	2014	2015	2016	AVG.	%
Under 5	0	0	1	2	0	1	2.9
5 - 9	0	1	0	2	1	1	3.8
10 - 15	6	2	0	4	1	3	12.4
16 - 17	0	0	1	1	2	1	3.8
18 - 19	2	1	1	0	1	1	4.8
20 - 24	5	2	2	1	7	3	16.2
25 - 29	1	3	0	1	2	1	6.7
30 - 34	0	1	2	1	0	1	3.8
35 - 39	2	0	0	1	1	1	3.8
40 - 44	0	2	0	1	2	1	4.8
45 - 49	1	3	0	2	0	1	5.7
50 - 54	4	1	1	1	2	2	8.6
55 - 59	0	1	1	4	0	1	5.7
60 - 64	4	0	1	0	1	1	5.7
65 - 69	1	0	1	0	1	1	2.9
70 - 79	0	1	1	3	0	1	4.8
80 +	0	0	0	2	1	1	2.9
Unknown	0	0	0	1	0	0	1.0
Total Peds.	26	18	12	27	22	21	100.0

Ped. Age	2012	2013	2014	2015	2016	AVG.	%
15 and Under	0	0	1	0	0	0	1.3
5 - 9	0	1	0	1	1	1	3.9
10 - 15	5	2	0	4	1	2	15.6
16 - 17	0	0	1	1	2	1	5.2
18 - 19	2	1	0	0	1	1	5.2
20 - 24	4	2	1	0	5	2	15.6
25 - 29	1	3	0	1	2	1	9.1
30 - 34	0	1	2	1	0	1	5.2
35 - 39	2	0	0	1	1	1	5.2
40 - 44	0	2	0	0	2	1	5.2
45 - 49	1	1	0	2	0	1	5.2
50 - 54	4	1	0	1	1	1	9.1
55 - 59	0	1	0	3	0	1	5.2
60 - 64	2	0	0	0	0	0	2.6
65 - 69	1	0	1	0	1	1	3.9
70 - 79	0	0	0	1	0	0	1.3
80 +	0	0	0	0	0	0	0.0
Unknown	0	0	0	1	0	0	1.3
Injured Peds.	22	15	6	17	17	15	100.0

Ped. Age	2012	2013	2014	2015	2016	AVG.	%
Under 5	0	0	0	0	0	0	0.0
5 - 9	0	0	0	1	0	0	20.0
10 - 15	0	0	0	0	0	0	0.0
16 - 17	0	0	0	0	0	0	0.0
18 - 19	0	0	0	0	0	0	0.0
20 - 24	0	0	0	0	1	0	20.0
25 - 29	0	0	0	0	0	0	0.0
30 - 34	0	0	0	0	0	0	0.0
35 - 39	0	0	0	0	0	0	0.0
40 - 44	0	0	0	0	0	0	0.0
45 - 49	0	0	0	0	0	0	0.0
50 - 54	0	0	0	0	0	0	0.0
55 - 59	0	0	0	0	0	0	0.0
60 - 64	1	0	0	0	0	0	20.0
65 - 69	0	0	0	0	0	0	0.0
70 - 79	0	1	0	0	0	0	20.0
80 +	0	0	0	0	1	0	20.0
Unknown	0	0	0	0	0	0	0.0
Ped. Fatalities	1	1	0	1	2	1	100.0

**Motorcycle Involved
 Pedestrian Gender**

	2012	2013	2014	2015	2016	AVG.	%
Ped. Gender							
Male	17	10	8	18	12	13	61.9
Female	9	8	4	8	10	8	37.1
Unknown	0	0	0	1	0	0	1.0
Total Peds.	26	18	12	27	22	21	100.0

	2012	2013	2014	2015	2016	AVG.	%
Ped. Gender							
Male	14	8	4	10	9	9	58.4
Female	8	7	2	7	8	6	41.6
Unknown	0	0	0	0	0	0	0.0
Ped. Injuries	22	15	6	17	17	15	100.0

	2012	2013	2014	2015	2016	AVG.	%
Ped. Gender							
Male	1	1	0	1	0	1	60.0
Female	0	0	0	0	2	0	40.0
Unknown	0	0	0	0	0	0	0.0
Ped. Fatalities	1	1	0	1	2	1	100.0

**Motorcycle Involved
 Pedestrian Location**

Ped. Location	2012	2013	2014	2015	2016	AVG.	%
Not App.	0	1	4	0	2	1	6.7
Shoulder	3	4	0	3	0	2	9.5
Curb	0	0	0	0	1	0	1.0
Sidewalk	0	3	2	4	4	3	12.4
Outside Right of Way	2	1	0	2	1	1	5.7
On Rd. at Crosswalk	3	0	1	0	1	1	4.8
On Rd. Not at Cross.	10	7	3	10	7	7	35.2
In School Bus Zone	0	0	0	0	0	0	0.0
In Bikeway	2	0	0	0	0	0	1.9
At Inter Marked Crosswalk	0	0	0	1	2	1	2.9
At Inter No Crosswalk	0	0	0	2	2	1	3.8
Driveway Access	0	0	0	0	0	0	0.0
Median	0	0	0	1	0	0	1.0
Island	0	0	0	0	0	0	0.0
Shared Use Path or Trails	0	0	0	0	0	0	0.0
Inside Building	0	0	0	0	0	0	0.0
Midblock Marked Crosswalk	0	0	0	0	0	0	0.0
Other/Unk.	6	2	2	4	2	3	15.2
Total Peds.	26	18	12	27	22	21	100.0

Ped. Location	2012	2013	2014	2015	2016	AVG.	%
Not App.	0	1	2	0	1	1	5.2
Shoulder	2	4	0	1	0	1	9.1
Curb	0	0	0	0	1	0	1.3
Sidewalk	0	3	1	3	3	2	13.0
Outside Right of Way	2	0	0	2	1	1	6.5
On Rd. at Crosswalk	3	0	0	0	0	1	3.9
On Rd. Not at Cross.	9	5	2	8	6	6	39.0
In School Bus Zone	0	0	0	0	0	0	0.0
In Bikeway	1	0	0	0	0	0	1.3
Inter Marked Crosswalk	0	0	0	1	2	1	3.9
At Inter No Crosswalk	0	0	0	1	1	0	2.6
Driveway Access	0	0	0	0	0	0	0.0
Median	0	0	0	1	0	0	1.3
Island	0	0	0	0	0	0	0.0
Shared Use Path or Trails	0	0	0	0	0	0	0.0
Inside Building	0	0	0	0	0	0	0.0
Midblock Marked Crosswalk	0	0	0	0	0	0	0.0
Other/Unk.	5	2	1	0	2	2	13.0
Injured Peds.	22	15	6	17	17	15	100.0

Ped. Location	2012	2013	2014	2015	2016	AVG.	%
Not App.	0	0	0	0	0	0	0.0
Shoulder	0	0	0	0	0	0	0.0
Curb	0	0	0	0	0	0	0.0
Sidewalk	0	0	0	1	0	0	20.0
Outside Right of Way	0	1	0	0	0	0	20.0
On Rd. at Crosswalk	0	0	0	0	1	0	20.0
On Rd. Not at Cross.	1	0	0	0	0	0	20.0
In School Bus Zone	0	0	0	0	0	0	0.0
In Bikeway	0	0	0	0	0	0	0.0
Inter Marked Crosswalk	0	0	0	0	0	0	0.0
At Inter No Crosswalk	0	0	0	0	1	0	20.0
Driveway Access	0	0	0	0	0	0	0.0
Median	0	0	0	0	0	0	0.0
Island	0	0	0	0	0	0	0.0
Shared Use Path or Trails	0	0	0	0	0	0	0.0
Inside Building	0	0	0	0	0	0	0.0
Midblock Marked Crosswalk	0	0	0	0	0	0	0.0
Other/Unk.	0	0	0	0	0	0	0.0
Ped. Fatalities	1	1	0	1	2	1	100.0

**Motorcycle Involved
 Pedestrian Movement**

Ped. Movement	2012	2013	2014	2015	2016	AVG.	%
Cross. at Intersection	4	1	2	4	3	3	13.3
Cross. Not at Inter.	6	7	1	5	7	5	24.8
Walk/Ride with Traff.	5	1	0	3	4	3	12.4
Walk/Ride against Tra.	4	5	3	1	0	3	12.4
Playing	0	1	0	0	0	0	1.0
Standing	3	3	5	6	1	4	17.1
Getting On/Off Veh.	0	0	0	1	0	0	1.0
Push/Work on Veh.	0	0	0	2	0	0	1.9
Other Working	2	0	0	0	2	1	3.8
Hitchhiking	0	0	0	0	0	0	0.0
On / Off School Bus	0	0	0	0	0	0	0.0
Walking to from school	0	0	0	0	0	0	0.0
Walking cycling on sidewalk	0	0	0	0	2	0	1.9
Other / Unknown	2	0	1	5	3	2	10.5
Total Pedestrians	26	18	12	27	22	21	100.0

Ped. Movement	2012	2013	2014	2015	2016	AVG.	%
Cross. at Intersection	4	1	1	3	1	2	13.0
Cross. Not at Inter.	5	6	1	4	7	5	29.9
Walk/Ride with Traff.	4	1	0	3	2	2	13.0
Walk/Ride against Tra.	3	3	1	1	0	2	10.4
Playing	0	1	0	0	0	0	1.3
Standing	3	3	3	4	1	3	18.2
Getting On/Off Veh.	0	0	0	1	0	0	1.3
Push/Work on Veh.	0	0	0	0	0	0	0.0
Other Working	2	0	0	0	2	1	5.2
Hitchhiking	0	0	0	0	0	0	0.0
On / Off School Bus	0	0	0	0	0	0	0.0
Walking to from school	1	0	0	1	4	1	5.7
Walking cycling on sidewalk	0	0	0	0	0	0	0.0
Other / Unknown	0	0	0	0	0	0	0.0
Injured Peds.	22	15	6	17	17	15	100.0

Ped. Movement	2012	2013	2014	2015	2016	AVG.	%
Cross. at Intersection	0	0	0	0	2	0	40.0
Cross. Not at Inter.	1	0	0	0	0	0	20.0
Walk/Ride with Traff.	0	0	0	0	0	0	0.0
Walk/Ride against Tra.	0	1	0	0	0	0	20.0
Playing	0	0	0	0	0	0	0.0
Standing	0	0	0	1	0	0	20.0
Getting On/Off Veh.	0	0	0	0	0	0	0.0
Push/Work on Veh.	0	0	0	0	0	0	0.0
Other Working	0	0	0	0	0	0	0.0
Hitchhiking	0	0	0	0	0	0	0.0
On / Off School Bus	0	0	0	0	0	0	0.0
Walking to from school	0	0	0	0	0	0	0.0
Walking cycling on sidewalk	0	0	0	0	0	0	0.0
Other / Unknown	0	0	0	0	0	0	0.0
Ped. Fatalities	1	1	0	1	2	1	100.0