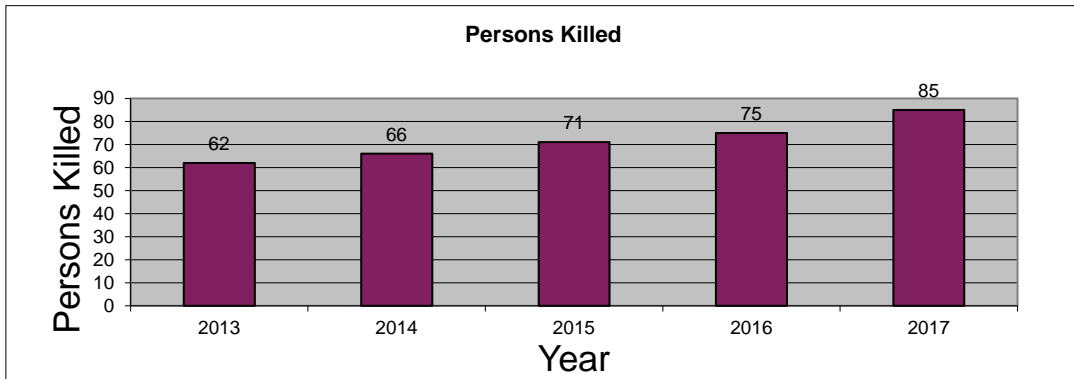
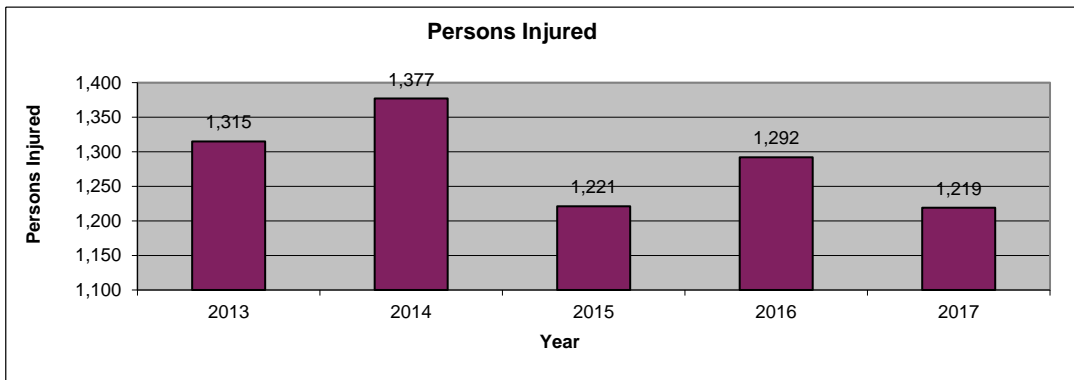
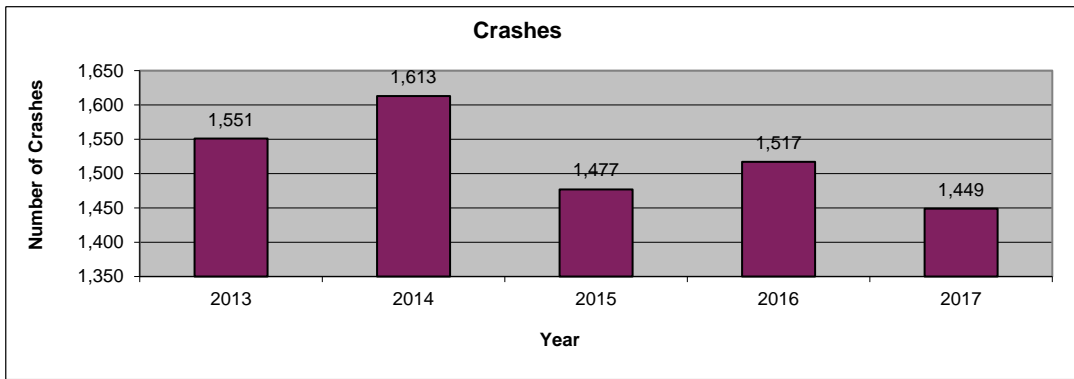


### Motorcycle Involved Crash Summary

	2013	2014	2015	2016	2017	5 Year AVG.	%
Fatal Crashes	58	66	68	71	83	69	4.5
Injury Crashes	1,137	1,186	1,047	1,126	1,027	1105	72.6
Property Damage Crashes	356	361	362	320	339	348	22.8
<b>Total Crashes</b>	<b>1,551</b>	<b>1,613</b>	<b>1,477</b>	<b>1,517</b>	<b>1,449</b>	<b>1521</b>	<b>100.0</b>
<b>Total of All Fatalities</b>	<b>62</b>	<b>66</b>	<b>71</b>	<b>75</b>	<b>85</b>	<b>72</b>	
<b>Total Number Injured</b>	<b>1,315</b>	<b>1,377</b>	<b>1,221</b>	<b>1,292</b>	<b>1,219</b>	<b>1,285</b>	



2017 is subject to change. Data are based on reports provided by the Maryland State Police Central Records Division (CRD). 2017 crash reports submitted to CRD during calendar year 2018 (up to Dec. 31, 2018) 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, 2018.

**Motorcycle Involved  
 Route Type**

Route Type	2013	2014	2015	2016	2017	AVG.	%
IS	147	131	143	145	152	144	9.4
US	149	145	152	146	146	148	9.7
MD	524	544	506	523	499	519	34.1
CO	444	451	380	418	384	415	27.3
MU	54	63	120	112	103	90	5.9
GV	1	3	2	5	2	3	0.2
SR	0	2	2	0	1	1	0.1
OP	4	6	3	10	2	5	0.3
Balto. City CY	180	117	0	0	0	59	3.9
Parking Lots	19	16	29	27	48	28	1.8
Unknown	29	135	140	131	112	109	7.2
<b>Total Crashes</b>	<b>1,551</b>	<b>1,613</b>	<b>1,477</b>	<b>1,517</b>	<b>1,449</b>	<b>1521</b>	<b>100.0</b>

Route Type	2013	2014	2015	2016	2017	AVG.	%
IS	108	103	106	105	106	106	9.6
US	114	112	114	114	103	111	10.1
MD	407	437	370	401	368	397	35.9
CO	354	353	299	327	280	323	29.2
MU	39	41	76	79	68	61	5.5
GV	1	2	2	2	1	2	0.1
SR	0	1	2	0	1	1	0.1
OP	3	6	2	5	0	3	0.3
Balto. City CY	84	52	0	0	0	27	2.5
Parking Lots	11	10	4	10	22	11	1.0
Unknown	16	69	72	83	78	64	5.8
<b>Injury Crashes</b>	<b>1,137</b>	<b>1,186</b>	<b>1,047</b>	<b>1,126</b>	<b>1,027</b>	<b>1105</b>	<b>100.0</b>

Route Type	2013	2014	2015	2016	2017	AVG.	%
IS	10	8	8	8	9	9	12.4
US	10	8	10	7	14	10	14.2
MD	20	29	28	29	32	28	39.9
CO	14	17	15	20	19	17	24.6
MU	1	2	3	4	6	3	4.6
GV	0	0	0	1	0	0	0.3
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	0	0	0	0	0	0	0.0
Unknown	3	2	4	2	3	3	4.0
<b>Fatal Crashes</b>	<b>58</b>	<b>66</b>	<b>68</b>	<b>71</b>	<b>83</b>	<b>69</b>	<b>100.0</b>

**Motorcycle Involved**  
**County**

County	2013	2014	2015	2016	2017	AVG.	%
Allegany	18	16	11	20	8	15	1.0
Anne Arundel	157	168	155	146	162	158	10.4
Baltimore	212	197	204	196	180	198	13.0
Calvert	41	37	39	34	25	35	2.3
Caroline	7	8	10	5	4	7	0.4
Carroll	45	46	42	34	37	41	2.7
Cecil	46	41	29	49	46	42	2.8
Charles	52	47	53	60	37	50	3.3
Dorchester	10	13	11	6	8	10	0.6
Frederick	96	73	76	76	86	81	5.4
Garrett	10	14	7	15	19	13	0.9
Harford	48	60	53	66	79	61	4.0
Howard	68	68	65	46	63	62	4.1
Kent	3	4	6	4	2	4	0.2
Montgomery	135	146	122	137	140	136	8.9
Prince George's	202	249	207	230	217	221	14.5
Queen Anne's	24	13	9	11	19	15	1.0
St. Mary's	47	39	31	30	26	35	2.3
Somerset	4	7	1	2	9	5	0.3
Talbot	9	9	14	7	10	10	0.6
Washington	46	45	61	79	56	57	3.8
Wicomico	27	37	27	32	32	31	2.0
Worcester	35	45	38	37	29	37	2.4
Baltimore City	209	231	206	195	155	199	13.1
Total Crashes	1,551	1,613	1,477	1,517	1,449	1,521	100.0

County	2013	2014	2015	2016	2017	AVG.	%
Allegany	15	13	10	18	7	13	1.1
Anne Arundel	117	133	117	106	117	118	10.7
Baltimore	161	156	145	151	113	145	13.1
Calvert	31	26	29	27	19	26	2.4
Caroline	6	6	8	4	4	6	0.5
Carroll	34	37	30	27	29	31	2.8
Cecil	37	30	24	37	30	32	2.9
Charles	42	37	42	44	26	38	3.5
Dorchester	8	9	8	5	4	7	0.6
Frederick	80	61	57	69	69	67	6.1
Garrett	9	11	5	14	18	11	1.0
Harford	40	50	43	54	68	51	4.6
Howard	45	60	49	35	52	48	4.4
Kent	3	4	5	3	2	3	0.3
Montgomery	98	113	93	97	104	101	9.1
Prince George's	154	173	137	156	136	151	13.7
Queen Anne's	16	10	6	10	8	10	0.9
St. Mary's	40	32	25	23	24	29	2.6
Somerset	3	6	1	2	6	4	0.3
Talbot	9	7	11	6	5	8	0.7
Washington	36	35	45	61	44	44	4.0
Wicomico	26	29	21	27	25	26	2.3
Worcester	30	39	24	31	19	29	2.6
Baltimore City	97	109	112	119	98	107	9.7
Injury Crashes	1,137	1,186	1,047	1,126	1,027	1,105	100.0

County	2013	2014	2015	2016	2017	AVG.	%
Allegany	0	1	1	2	0	1	1.2
Anne Arundel	5	6	2	9	6	6	8.1
Baltimore	8	4	7	5	14	8	11.0
Calvert	1	2	4	4	1	2	3.5
Caroline	1	2	1	1	0	1	1.4
Carroll	3	4	2	1	2	2	3.5
Cecil	4	3	1	5	8	4	6.1
Charles	1	2	4	8	3	4	5.2
Dorchester	1	0	0	0	2	1	0.9
Frederick	4	2	4	2	3	3	4.3
Garrett	0	0	1	0	0	0	0.3
Harford	1	2	3	3	2	2	3.2
Howard	3	3	4	1	2	3	3.8
Kent	0	0	0	0	0	0	0.0
Montgomery	4	7	8	4	4	5	7.8
Prince George's	13	18	13	13	18	15	21.7
Queen Anne's	2	0	0	0	3	1	1.4
St. Mary's	0	1	2	1	0	1	1.2
Somerset	0	0	0	0	2	0	0.6
Talbot	0	0	1	0	1	0	0.6
Washington	3	3	3	4	4	3	4.9
Wicomico	0	3	1	0	1	1	1.4
Worcester	0	1	2	1	0	1	1.2
Baltimore City	4	2	4	7	7	5	6.9
Fatal Crashes	58	66	68	71	83	69	100.0

**Motorcycle Involved**  
**Month**

Month	2013	2014	2015	2016	2017	AVG.	%
January	39	21	12	20	27	24	1.6
February	26	30	12	38	77	37	2.4
March	66	52	51	107	54	66	4.3
April	149	133	143	126	183	147	9.6
May	200	213	233	147	158	190	12.5
June	197	267	162	231	213	214	14.1
July	200	226	175	209	173	197	12.9
August	222	227	226	175	172	204	13.4
September	218	226	211	196	174	205	13.5
October	125	126	119	161	128	132	8.7
November	64	62	83	81	61	70	4.6
December	45	30	50	26	29	36	2.4
Unknown	0	0	0	0	0	0	0.0
<b>Total Crashes</b>	<b>1,551</b>	<b>1,613</b>	<b>1,477</b>	<b>1,517</b>	<b>1,449</b>	<b>1,521</b>	<b>100.0</b>

Month	2013	2014	2015	2016	2017	AVG.	%
January	23	14	6	9	15	13	1.2
February	15	19	7	27	55	25	2.2
March	44	35	40	73	35	45	4.1
April	112	101	102	96	127	108	9.7
May	158	157	179	101	116	142	12.9
June	148	190	118	180	152	158	14.3
July	148	178	131	159	132	150	13.5
August	162	166	170	139	125	152	13.8
September	161	177	142	150	124	151	13.7
October	91	87	75	124	89	93	8.4
November	42	40	51	55	39	45	4.1
December	33	22	26	13	18	22	2.0
Unknown	0	0	0	0	0	0	0.0
<b>Injury Crashes</b>	<b>1,137</b>	<b>1,186</b>	<b>1,047</b>	<b>1,126</b>	<b>1,027</b>	<b>1,105</b>	<b>100.0</b>

Month	2013	2014	2015	2016	2017	AVG.	%
January	1	0	0	2	1	1	1.2
February	0	2	1	2	4	2	2.6
March	1	2	1	7	4	3	4.3
April	7	2	7	5	13	7	9.8
May	5	11	9	5	7	7	10.7
June	8	8	6	10	13	9	13.0
July	9	8	7	14	10	10	13.9
August	11	14	9	10	15	12	17.1
September	10	9	15	5	10	10	14.2
October	4	6	6	5	4	5	7.2
November	2	3	5	5	1	3	4.6
December	0	1	2	1	1	1	1.4
Unknown	0	0	0	0	0	0	0.0
<b>Fatal Crashes</b>	<b>58</b>	<b>66</b>	<b>68</b>	<b>71</b>	<b>83</b>	<b>69</b>	<b>100.0</b>

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

July 13, 2018

**Motorcycle Involved**  
**Day of Week**

Day of Week	2013	2014	2015	2016	2017	AVG.	%
Monday	155	176	180	150	151	162	10.7
Tuesday	155	175	148	162	169	162	10.6
Wednesday	190	155	156	210	180	178	11.7
Thursday	181	181	144	198	188	178	11.7
Friday	209	256	221	217	180	217	14.2
Saturday	348	356	292	261	280	307	20.2
Sunday	313	314	336	319	301	317	20.8
Unknown	0	0	0	0	0	0	0.0
<b>Total Crashes</b>	<b>1,551</b>	<b>1,613</b>	<b>1,477</b>	<b>1,517</b>	<b>1,449</b>	<b>1,521</b>	<b>100.0</b>

Day of Week	2013	2014	2015	2016	2017	AVG.	%
Monday	99	127	126	113	103	114	10.3
Tuesday	116	123	108	120	128	119	10.8
Wednesday	142	110	111	160	116	128	11.6
Thursday	132	135	97	132	124	124	11.2
Friday	164	195	145	159	127	158	14.3
Saturday	251	264	203	200	195	223	20.2
Sunday	233	232	257	242	234	240	21.7
Unknown	0	0	0	0	0	0	0.0
<b>Injury Crashes</b>	<b>1,137</b>	<b>1,186</b>	<b>1,047</b>	<b>1,126</b>	<b>1,027</b>	<b>1,105</b>	<b>100.0</b>

Day of Week	2013	2014	2015	2016	2017	AVG.	%
Monday	7	3	7	3	5	5	7.2
Tuesday	3	4	4	3	8	4	6.4
Wednesday	5	7	9	10	18	10	14.2
Thursday	6	6	11	15	15	11	15.3
Friday	9	9	8	8	8	8	12.1
Saturday	15	21	16	17	15	17	24.3
Sunday	13	16	13	15	14	14	20.5
Unknown	0	0	0	0	0	0	0.0
<b>Fatal Crashes</b>	<b>58</b>	<b>66</b>	<b>68</b>	<b>71</b>	<b>83</b>	<b>69</b>	<b>100.0</b>

**Motorcycle Involved**  
**Time of Day**

Time of Day	2013	2014	2015	2016	2017	AVG.	%
12:00 Midnight	36	26	37	23	31	31	2.0
1:00	22	24	24	17	22	22	1.4
2:00	34	21	22	15	20	22	1.5
3:00	12	10	12	12	8	11	0.7
4:00	12	13	10	6	6	9	0.6
5:00	17	19	10	11	17	15	1.0
6:00	35	24	19	32	26	27	1.8
7:00	40	35	34	29	38	35	2.3
8:00	37	35	35	38	34	36	2.4
9:00	46	44	40	41	36	41	2.7
10:00	49	54	38	40	39	44	2.9
11:00	65	78	53	67	55	64	4.2
12:00 Noon	85	84	59	83	80	78	5.1
1:00	111	99	86	107	95	100	6.5
2:00	108	105	103	106	103	105	6.9
3:00	98	131	133	111	113	117	7.7
4:00	144	141	133	126	134	136	8.9
5:00	136	161	140	142	117	139	9.1
6:00	127	133	120	135	103	124	8.1
7:00	93	115	115	109	100	106	7.0
8:00	99	95	77	110	105	97	6.4
9:00	53	57	78	65	61	63	4.1
10:00	59	59	58	47	59	56	3.7
11:00	32	49	41	45	47	43	2.8
Unknown	1	1	0	0	0	0	0.0
<b>Total Crashes</b>	<b>1,551</b>	<b>1,613</b>	<b>1,477</b>	<b>1,517</b>	<b>1,449</b>	<b>1,521</b>	<b>100.0</b>

Time of Day	2013	2014	2015	2016	2017	AVG.	%
12:00 Midnight	24	19	24	18	21	21	1.9
1:00	15	17	15	16	16	16	1.4
2:00	19	9	13	11	12	13	1.2
3:00	7	5	6	10	4	6	0.6
4:00	9	8	4	3	5	6	0.5
5:00	14	16	8	6	10	11	1.0
6:00	25	18	13	23	19	20	1.8
7:00	33	25	19	21	26	25	2.2
8:00	28	27	21	24	23	25	2.2
9:00	26	31	29	30	27	29	2.6
10:00	38	40	29	32	32	34	3.1
11:00	50	59	38	52	38	47	4.3
12:00 Noon	57	65	42	58	59	56	5.1
1:00	80	85	64	81	75	77	7.0
2:00	86	84	74	82	75	80	7.3
3:00	77	97	101	83	85	89	8.0
4:00	109	108	98	100	91	101	9.2
5:00	99	118	103	100	83	101	9.1
6:00	95	93	86	99	73	89	8.1
7:00	72	85	86	84	67	79	7.1
8:00	78	64	49	83	72	69	6.3
9:00	34	37	58	50	39	44	3.9
10:00	37	43	42	32	45	40	3.6
11:00	24	33	25	28	30	28	2.5
Unknown	1	0	0	0	0	0	0.0
<b>Injury Crashes</b>	<b>1,137</b>	<b>1,186</b>	<b>1,047</b>	<b>1,126</b>	<b>1,027</b>	<b>1,105</b>	<b>100.0</b>

Time of Day	2013	2014	2015	2016	2017	AVG.	%
12:00 Midnight	4	1	3	2	2	2	3.5
1:00	0	1	0	0	0	0	0.3
2:00	2	0	4	1	2	2	2.6
3:00	2	2	0	0	1	1	1.4
4:00	0	0	4	1	0	1	1.4
5:00	1	1	1	0	0	1	0.9
6:00	1	2	1	2	0	1	1.7
7:00	0	1	0	3	3	1	2.0
8:00	1	0	1	1	0	1	0.9
9:00	6	1	2	3	1	3	3.8
10:00	3	0	1	2	2	2	2.3
11:00	3	6	4	1	2	3	4.6
12:00 Noon	6	3	4	3	4	4	5.8
1:00	3	3	1	6	4	3	4.9
2:00	1	3	3	4	4	3	4.3
3:00	2	4	5	5	5	4	6.1
4:00	1	4	5	4	8	4	6.4
5:00	6	7	5	9	6	7	9.5
6:00	2	8	4	4	5	5	6.6
7:00	1	6	6	1	11	5	7.2
8:00	4	6	5	6	7	6	8.1
9:00	4	0	5	2	8	4	5.5
10:00	3	3	1	5	5	3	4.9
11:00	2	4	3	6	3	4	5.2
Unknown	0	0	0	0	0	0	0.0
<b>Fatal Crashes</b>	<b>58</b>	<b>66</b>	<b>68</b>	<b>71</b>	<b>83</b>	<b>69</b>	<b>100.0</b>

**Motorcycle Involved  
 Driver Age**

Driver Age	2013	2014	2015	2016	2017	AVG.	%
15 and Under	8	7	6	3	5	6	0.4
16	2	9	4	1	2	4	0.2
17	7	8	9	7	8	8	0.5
18	11	15	14	17	17	15	0.9
19	25	31	27	16	20	24	1.5
20	21	30	28	33	35	29	1.9
21 - 24	185	183	163	169	170	174	11.1
25 - 29	212	229	183	223	211	212	13.5
30 - 34	144	148	161	198	148	160	10.2
35 - 39	120	120	133	130	126	126	8.0
40 - 44	132	124	110	125	118	122	7.8
45 - 49	169	147	127	118	138	140	8.9
50 - 54	153	186	164	140	137	156	9.9
55 - 59	131	133	117	102	111	119	7.6
60 - 64	86	83	66	77	75	77	4.9
65 - 69	39	46	48	59	51	49	3.1
70 - 79	14	23	21	31	24	23	1.4
80 +	5	3	7	5	5	5	0.3
Unknown	131	148	135	110	92	123	7.8
<b>Total Drivers</b>	<b>1,595</b>	<b>1,673</b>	<b>1,523</b>	<b>1,564</b>	<b>1,493</b>	<b>1,570</b>	<b>100.0</b>

Driver Age	2013	2014	2015	2016	2017	AVG.	%
15 and Under	5	7	6	3	4	5	0.5
16	2	9	3	1	1	3	0.3
17	4	6	7	5	5	5	0.5
18	7	8	10	12	10	9	0.9
19	20	20	16	13	16	17	1.6
20	15	22	23	23	26	22	2.0
21 - 24	145	132	120	129	121	129	11.9
25 - 29	151	168	130	173	151	155	14.2
30 - 34	105	108	129	143	98	117	10.7
35 - 39	87	91	94	106	91	94	8.6
40 - 44	94	97	92	96	93	94	8.7
45 - 49	133	125	98	94	103	111	10.1
50 - 54	118	140	119	105	105	117	10.8
55 - 59	97	97	93	76	80	89	8.1
60 - 64	74	69	51	55	57	61	5.6
65 - 69	27	41	33	42	37	36	3.3
70 - 79	10	19	16	26	14	17	1.6
80 +	2	1	4	3	2	2	0.2
Unknown	8	6	3	8	7	6	0.6
<b>Injured Drivers</b>	<b>1,104</b>	<b>1,166</b>	<b>1,047</b>	<b>1,113</b>	<b>1,021</b>	<b>1,090</b>	<b>100.0</b>

Driver Age	2013	2014	2015	2016	2017	AVG.	%
15 and Under	0	0	0	0	0	0	0.0
16	0	0	0	0	0	0	0.0
17	0	1	0	0	0	0	0.3
18	0	1	0	1	2	1	1.2
19	0	2	1	2	0	1	1.5
20	0	1	1	1	2	1	1.5
21 - 24	8	6	8	15	8	9	13.5
25 - 29	13	6	10	8	12	10	14.7
30 - 34	6	12	5	8	10	8	12.3
35 - 39	4	7	9	3	5	6	8.4
40 - 44	4	3	4	6	7	5	7.2
45 - 49	5	4	6	5	4	5	7.2
50 - 54	4	10	5	5	9	7	9.9
55 - 59	8	8	6	4	8	7	10.2
60 - 64	1	2	5	4	5	3	5.1
65 - 69	1	1	6	3	3	3	4.2
70 - 79	1	0	1	2	4	2	2.4
80 +	0	0	0	0	0	0	0.0
Unknown	0	0	0	1	0	0	0.3
<b>Driver Fatalities</b>	<b>55</b>	<b>64</b>	<b>67</b>	<b>68</b>	<b>79</b>	<b>67</b>	<b>100.0</b>

Driver pages - motorcycle drivers only.

**Motorcycle Involved  
 Driver Gender**

	2013	2014	2015	2016	2017	AVG.	%
<b>Driver Gender</b>							
Male	1,369	1,422	1,294	1,361	1,303	1,350	86.0
Female	120	129	91	95	98	107	6.8
Unknown	106	122	138	108	92	113	7.2
<b>Total Drivers</b>	<b>1,595</b>	<b>1,673</b>	<b>1,523</b>	<b>1,564</b>	<b>1,493</b>	<b>1,570</b>	<b>100.0</b>

	2013	2014	2015	2016	2017	AVG.	%
<b>Driver Gender</b>							
Male	1,012	1,071	962	1,031	938	1,003	92.0
Female	88	92	78	71	75	81	7.4
Unknown	4	3	7	11	8	7	0.6
<b>Driver Injuries</b>	<b>1,104</b>	<b>1,166</b>	<b>1,047</b>	<b>1,113</b>	<b>1,021</b>	<b>1,090</b>	<b>100.0</b>

	2013	2014	2015	2016	2017	AVG.	%
<b>Driver Gender</b>							
Male	54	62	67	64	77	65	97.3
Female	1	2	0	4	2	2	2.7
Unknown	0	0	0	0	0	0	0.0
<b>Driver Fatalities</b>	<b>55</b>	<b>64</b>	<b>67</b>	<b>68</b>	<b>79</b>	<b>67</b>	<b>100.0</b>



**Motorcycle Involved  
 Driver Safety Equipment Use**

Safety Equipment	2013	2014	2015	2016	2017	AVG.	%
Not Applicable	204	186	126	141	123	156	9.9
None	109	166	160	150	146	146	9.3
Lap belt only	0	0	1	0	2	1	0.0
Shoulder belt only	0	0	0	1	0	0	0.0
Shoulder/Lap belt(s)	3	10	26	30	21	18	1.1
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	617	624	581	683	652	631	40.2
Mc/bike shield only	27	13	21	15	9	17	1.1
Mc/bike helmet & shield	561	565	497	455	440	504	32.1
Protective pads	0	1	0	3	2	1	0.1
Reflective clothing	0	0	1	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	5	3	2	3	3	0.2
Unknown	72	103	107	84	95	92	5.9
<b>Total Drivers</b>	<b>1,595</b>	<b>1,673</b>	<b>1,523</b>	<b>1,564</b>	<b>1,493</b>	<b>1,570</b>	<b>100.0</b>

Safety Equipment	2013	2014	2015	2016	2017	AVG.	%
Not Applicable	64	63	84	91	81	77	7.0
None	73	98	113	114	99	99	9.1
Lap belt only	0	0	1	0	2	1	0.1
Shoulder belt only	0	0	0	0	0	0	0.0
Shoulder/Lap belt(s)	3	5	15	18	8	10	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	0	0	0	0.0
Child restraint unknown	0	0	0	0	0	0	0.0
Mc/Bike helmet	497	493	437	512	469	482	44.2
Mc/bike shield only	17	9	11	9	5	10	0.9
Mc/bike helmet & shield	421	458	374	353	337	389	35.6
Protective pads	0	1	0	3	2	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	1	4	2	1	1	2	0.2
Unknown	28	35	10	12	17	20	1.9
<b>Driver Injuries</b>	<b>1,104</b>	<b>1,166</b>	<b>1,047</b>	<b>1,113</b>	<b>1,021</b>	<b>1,090</b>	<b>100.0</b>

Safety Equipment	2013	2014	2015	2016	2017	AVG.	%
Not Applicable	0	1	0	3	3	1	2.1
None	7	7	3	4	8	6	8.7
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	22	29	28	37	44	32	48.0
Mc/bike shield only	1	1	4	0	2	2	2.4
Mc/bike helmet & shield	24	23	31	23	19	24	36.0
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	1	0	0.3
Unknown	1	3	1	1	2	2	2.4
<b>Driver Fatalities</b>	<b>55</b>	<b>64</b>	<b>67</b>	<b>68</b>	<b>79</b>	<b>67</b>	<b>100.0</b>

Driver pages - motorcycle drivers only.

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

**Motorcycle Involved  
 Passenger Age**

Passenger Age	2013	2014	2015	2016	2017	AVG.	%
Under 5	1	1	2	0	1	1	0.9
5 - 9	2	5	2	2	0	2	2.0
10 - 11	2	1	0	1	1	1	0.9
12 - 13	3	0	2	1	0	1	1.1
14 - 15	2	2	1	2	0	1	1.3
16 - 17	3	2	1	1	1	2	1.5
18 - 19	3	3	7	2	2	3	3.2
20 - 24	21	15	8	7	9	12	11.2
25 - 29	11	10	9	10	10	10	9.3
30 - 34	12	8	8	10	4	8	7.8
35 - 39	8	6	4	6	5	6	5.4
40 - 44	11	11	11	11	13	11	10.6
45 - 49	17	8	8	10	14	11	10.6
50 - 54	16	20	20	9	15	16	14.9
55 - 59	7	14	11	15	10	11	10.6
60 - 64	4	5	8	2	6	5	4.6
65 - 69	2	4	2	3	3	3	2.6
70 - 79	0	0	0	1	0	0	0.2
80 +	0	1	1	0	1	1	0.6
Unknown	0	4	0	0	0	1	0.7
<b>Total Passengers</b>	<b>125</b>	<b>120</b>	<b>105</b>	<b>93</b>	<b>95</b>	<b>108</b>	<b>100.0</b>

Passenger Age	2013	2014	2015	2016	2017	AVG.	%
Under 5	1	0	1	0	0	0	0.5
5 - 9	0	1	2	2	0	1	1.2
10 - 11	1	0	0	1	0	0	0.5
12 - 13	2	0	2	1	0	1	1.2
14 - 15	1	2	1	2	0	1	1.4
16 - 17	3	2	1	1	0	1	1.7
18 - 19	1	2	6	1	2	2	2.9
20 - 24	17	11	4	7	9	10	11.5
25 - 29	7	8	6	9	10	8	9.5
30 - 34	11	5	4	8	4	6	7.6
35 - 39	5	5	4	5	2	4	5.0
40 - 44	9	10	10	7	11	9	11.2
45 - 49	13	8	7	6	11	9	10.7
50 - 54	10	17	15	9	12	13	15.0
55 - 59	6	12	9	12	7	9	11.0
60 - 64	3	3	8	1	6	4	5.0
65 - 69	2	4	2	2	3	3	3.1
70 - 79	0	0	0	1	0	0	0.2
80 +	0	1	0	0	0	0	0.2
Unknown	0	2	0	0	0	0	0.5
<b>Injured Passengers</b>	<b>92</b>	<b>93</b>	<b>82</b>	<b>75</b>	<b>77</b>	<b>84</b>	<b>100.0</b>

Passenger Age	2013	2014	2015	2016	2017	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	1	0	0	0	0	0	5.6
20 - 24	1	0	1	0	0	0	11.1
25 - 29	0	0	1	1	0	0	11.1
30 - 34	0	2	1	1	0	1	22.2
35 - 39	0	0	0	0	0	0	0.0
40 - 44	0	0	0	0	1	0	5.6
45 - 49	1	0	0	1	1	1	16.7
50 - 54	2	0	0	0	0	0	11.1
55 - 59	0	0	0	0	1	0	5.6
60 - 64	1	0	0	1	0	0	11.1
65 - 69	0	0	0	0	0	0	0.0
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
<b>Passenger Fatalities</b>	<b>6</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>3</b>	<b>4</b>	<b>100.0</b>

**Motorcycle Involved  
 Passenger Gender**

<b>Passenger Gender</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>AVG.</b>	<b>%</b>
Male	15	17	14	12	8	13	12.3
Female	110	103	91	81	87	94	87.7
Unknown	0	0	0	0	0	0	0.0
<b>Total Passengers</b>	<b>125</b>	<b>120</b>	<b>105</b>	<b>93</b>	<b>95</b>	<b>108</b>	<b>100.0</b>

<b>Passenger Gender</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>AVG.</b>	<b>%</b>
Male	9	8	9	10	4	8	9.5
Female	83	85	73	65	73	76	90.5
Unknown	0	0	0	0	0	0	0.0
<b>Passenger Injuries</b>	<b>92</b>	<b>93</b>	<b>82</b>	<b>75</b>	<b>77</b>	<b>84</b>	<b>100.0</b>

<b>Passenger Gender</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>AVG.</b>	<b>%</b>
Male	1	0	1	0	0	0	11.1
Female	5	2	2	4	3	3	88.9
Unknown	0	0	0	0	0	0	0.0
<b>Passenger Fatalities</b>	<b>6</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>3</b>	<b>4</b>	<b>100.0</b>

Passenger pages - motorcycle passengers only.

**Motorcycle Involved  
 Passenger Safety Equipment Use**

Safety Equipment	2013	2014	2015	2016	2017	AVG.	%
Not Applicable	8	6	6	4	5	6	5.4
None	11	7	9	10	7	9	8.2
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	3	2	1	1	1.1
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	1	0	0	0	0.2
Child restraint unk.	0	0	0	0	1	0	0.2
Mc/Bike helmet	63	61	50	50	44	54	49.8
Mc/bike shield only	0	2	1	1	2	1	1.1
Mc/bike helmet & shield	36	33	32	26	34	32	29.9
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	1	0	0	0	0	0	0.2
Other	2	2	0	0	0	1	0.7
Unknown	4	9	3	0	1	3	3.2
<b>Total Passengers</b>	<b>125</b>	<b>120</b>	<b>105</b>	<b>93</b>	<b>95</b>	<b>108</b>	<b>100.0</b>

Safety Equipment	2013	2014	2015	2016	2017	AVG.	%
Not Applicable	2	1	5	4	3	3	3.6
None	9	6	8	7	5	7	8.4
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	1	2	0	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	1	0	0.2
Mc/Bike helmet	47	52	41	38	38	43	51.6
Mc/bike shield only	0	2	1	1	1	1	1.2
Mc/bike helmet & shield	31	29	25	23	28	27	32.5
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	1	0	0	0	0	0	0.2
Other	0	1	0	0	0	0	0.2
Unknown	2	2	1	0	1	1	1.4
<b>Passenger Injuries</b>	<b>92</b>	<b>93</b>	<b>82</b>	<b>75</b>	<b>77</b>	<b>84</b>	<b>100.0</b>

Safety Equipment	2013	2014	2015	2016	2017	AVG.	%
Not Applicable	0	0	0	0	0	0	0.0
None	0	0	0	0	1	0	5.6
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	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	5	1	2	4	1	3	72.2
Mc/bike shield only	0	0	0	0	0	0	0.0
Mc/bike helmet & shield	1	1	0	0	1	1	16.7
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	0	1	0	0	0	5.6
<b>Passenger Fatalities</b>	<b>6</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>3</b>	<b>4</b>	<b>100.0</b>

Passenger pages - motorcycle passengers only.

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

**Motorcycle Involved  
 Pedestrian Age**

Ped. Age	2013	2014	2015	2016	2017	AVG.	%
Under 5	0	1	2	0	1	1	4.2
5 - 9	1	0	2	1	0	1	4.2
10 - 15	2	0	4	1	0	1	7.4
16 - 17	0	1	1	2	3	1	7.4
18 - 19	1	1	0	1	0	1	3.2
20 - 24	2	2	1	7	3	3	15.8
25 - 29	3	0	1	2	3	2	9.5
30 - 34	1	2	1	0	0	1	4.2
35 - 39	0	0	1	1	2	1	4.2
40 - 44	2	0	1	2	1	1	6.3
45 - 49	3	0	2	0	0	1	5.3
50 - 54	1	1	1	2	1	1	6.3
55 - 59	1	1	4	0	1	1	7.4
60 - 64	0	1	0	1	1	1	3.2
65 - 69	0	1	0	1	0	0	2.1
70 - 79	1	1	3	0	0	1	5.3
80 +	0	0	2	1	0	1	3.2
Unknown	0	0	1	0	0	0	1.1
<b>Total Peds.</b>	<b>18</b>	<b>12</b>	<b>27</b>	<b>22</b>	<b>16</b>	<b>19</b>	<b>100.0</b>

Ped. Age	2013	2014	2015	2016	2017	AVG.	%
15 and Under	0	1	0	0	1	0	3.1
5 - 9	1	0	1	1	0	1	4.6
10 - 15	2	0	4	1	0	1	10.8
16 - 17	0	1	1	2	0	1	6.2
18 - 19	1	0	0	1	0	0	3.1
20 - 24	2	1	0	5	3	2	16.9
25 - 29	3	0	1	2	3	2	13.8
30 - 34	1	2	1	0	0	1	6.2
35 - 39	0	0	1	1	1	1	4.6
40 - 44	2	0	0	2	0	1	6.2
45 - 49	1	0	2	0	0	1	4.6
50 - 54	1	0	1	1	1	1	6.2
55 - 59	1	0	3	0	0	1	6.2
60 - 64	0	0	0	0	1	0	1.5
65 - 69	0	1	0	1	0	0	3.1
70 - 79	0	0	1	0	0	0	1.5
80 +	0	0	0	0	0	0	0.0
Unknown	0	0	1	0	0	0	1.5
<b>Injured Peds.</b>	<b>15</b>	<b>6</b>	<b>17</b>	<b>17</b>	<b>10</b>	<b>13</b>	<b>100.0</b>

Ped. Age	2013	2014	2015	2016	2017	AVG.	%
Under 5	0	0	0	0	0	0	0.0
5 - 9	0	0	1	0	0	0	14.3
10 - 15	0	0	0	0	0	0	0.0
16 - 17	0	0	0	0	1	0	14.3
18 - 19	0	0	0	0	0	0	0.0
20 - 24	0	0	0	1	0	0	14.3
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	1	0	14.3
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	1	0	14.3
60 - 64	0	0	0	0	0	0	0.0
65 - 69	0	0	0	0	0	0	0.0
70 - 79	1	0	0	0	0	0	14.3
80 +	0	0	0	1	0	0	14.3
Unknown	0	0	0	0	0	0	0.0
<b>Ped. Fatalities</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>1</b>	<b>100.0</b>

**Motorcycle Involved  
 Pedestrian Gender**

	2013	2014	2015	2016	2017	AVG.	%
<b>Ped. Gender</b>							
Male	10	8	18	12	10	12	61.1
Female	8	4	8	10	6	7	37.9
Unknown	0	0	1	0	0	0	1.1
<b>Total Peds.</b>	18	12	27	22	16	19	100.0

	2013	2014	2015	2016	2017	AVG.	%
<b>Ped. Gender</b>							
Male	8	4	10	9	6	7	56.9
Female	7	2	7	8	4	6	43.1
Unknown	0	0	0	0	0	0	0.0
<b>Ped. Injuries</b>	15	6	17	17	10	13	100.0

	2013	2014	2015	2016	2017	AVG.	%
<b>Ped. Gender</b>							
Male	1	0	1	0	2	1	57.1
Female	0	0	0	2	1	1	42.9
Unknown	0	0	0	0	0	0	0.0
<b>Ped. Fatalities</b>	1	0	1	2	3	1	100.0

**Motorcycle Involved  
 Pedestrian Location**

Ped. Location	2013	2014	2015	2016	2017	AVG.	%
Not App.	1	4	0	2	0	1	7.4
Shoulder	4	0	3	0	0	1	7.4
Curb	0	0	0	1	2	1	3.2
Sidewalk	3	2	4	4	0	3	13.7
Outside Right of Way	1	0	2	1	1	1	5.3
On Rd. at Crosswalk	0	1	0	1	1	1	3.2
On Rd. Not at Cross.	7	3	10	7	8	7	36.8
In School Bus Zone	0	0	0	0	0	0	0.0
In Bikeway	0	0	0	0	0	0	0.0
At Inter Marked Crosswalk	0	0	1	2	1	1	4.2
At Inter No Crosswalk	0	0	2	2	1	1	5.3
Driveway Access	0	0	0	0	0	0	0.0
Median	0	0	1	0	0	0	1.1
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.	2	2	4	2	2	2	12.6
<b>Total Peds.</b>	<b>18</b>	<b>12</b>	<b>27</b>	<b>22</b>	<b>16</b>	<b>19</b>	<b>100.0</b>

Ped. Location	2013	2014	2015	2016	2017	AVG.	%
Not App.	1	2	0	1	0	1	6.2
Shoulder	4	0	1	0	0	1	7.7
Curb	0	0	0	1	2	1	4.6
Sidewalk	3	1	3	3	0	2	15.4
Outside Right of Way	0	0	2	1	0	1	4.6
On Rd. at Crosswalk	0	0	0	0	1	0	1.5
On Rd. Not at Cross.	5	2	8	6	4	5	38.5
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	1	2	0	1	4.6
At Inter No Crosswalk	0	0	1	1	1	1	4.6
Driveway Access	0	0	0	0	0	0	0.0
Median	0	0	1	0	0	0	1.5
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.	2	1	0	2	2	1	10.8
<b>Injured Peds.</b>	<b>15</b>	<b>6</b>	<b>17</b>	<b>17</b>	<b>10</b>	<b>13</b>	<b>100.0</b>

Ped. Location	2013	2014	2015	2016	2017	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	1	0	0	0	14.3
Outside Right of Way	1	0	0	0	1	0	28.6
On Rd. at Crosswalk	0	0	0	1	0	0	14.3
On Rd. Not at Cross.	0	0	0	0	1	0	14.3
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	1	0	14.3
At Inter No Crosswalk	0	0	0	1	0	0	14.3
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
<b>Ped. Fatalities</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>1</b>	<b>100.0</b>