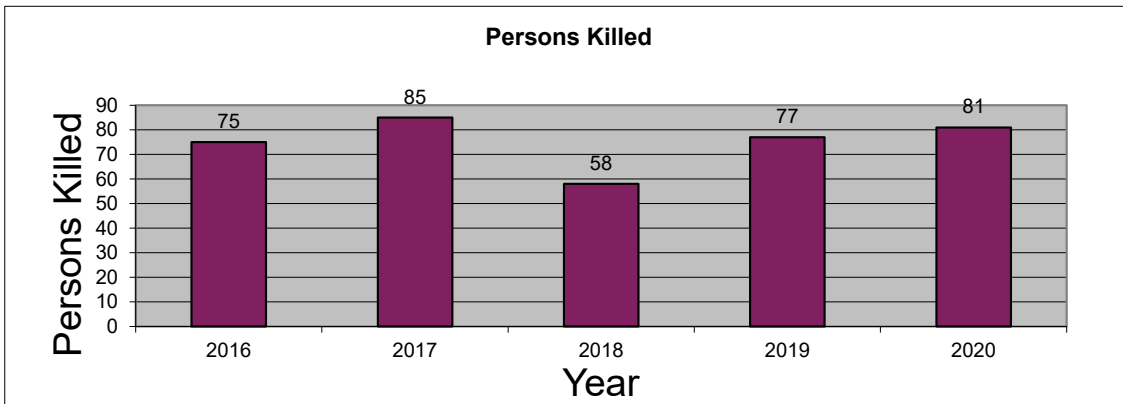
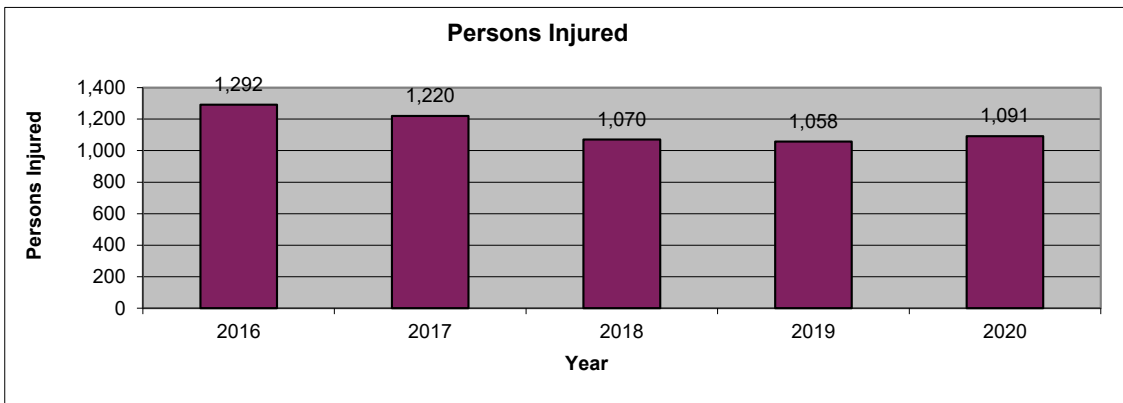
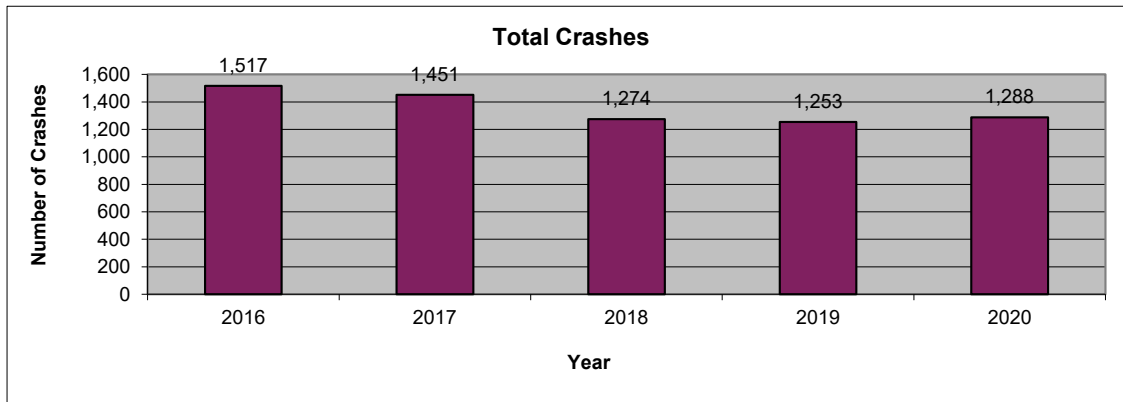


### Motorcycle Involved Crash Summary

	2016	2017	2018	2019	2020	5 Year AVG.	%
Fatal Crashes	71	83	56	74	81	73	5.4
Injury Crashes	1,126	1,028	943	897	906	980	72.2
Property Damage Crashes	320	340	275	282	301	304	22.4
<b>Total Crashes</b>	<b>1,517</b>	<b>1,451</b>	<b>1,274</b>	<b>1,253</b>	<b>1,288</b>	<b>1357</b>	<b>100.0</b>
<b>Total of All Fatalities</b>	<b>75</b>	<b>85</b>	<b>58</b>	<b>77</b>	<b>81</b>	<b>75</b>	
<b>Total Number Injured</b>	<b>1,292</b>	<b>1,220</b>	<b>1,070</b>	<b>1,058</b>	<b>1,091</b>	<b>1,146</b>	



2020 is subject to change. Data are based on reports provided by the Maryland State Police Central Records Division (CRD). 2020 crash reports submitted to CRD during calendar year 2021 (up to Dec. 31, 2021) 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, 2021.

## Motorcycle Involved Route Type

Route Type	2016	2017	2018	2019	2020	AVG.	%
IS	145	152	131	140	137	141	10.4
US	146	146	125	132	131	136	10.0
MD	523	500	454	435	439	470	34.7
CO	418	384	339	347	338	365	26.9
MU	112	104	97	70	91	95	7.0
GV	5	2	2	1	1	2	0.2
SR	0	1	1	2	0	1	0.1
OP	10	2	2	4	2	4	0.3
Balto. City CY	0	0	0	0	0	0	0.0
Parking Lots	27	48	34	28	27	33	2.4
Unknown	131	112	89	94	122	110	8.1
<b>Total Crashes</b>	<b>1,517</b>	<b>1,451</b>	<b>1,274</b>	<b>1,253</b>	<b>1,288</b>	<b>1357</b>	<b>100.0</b>

Route Type	2016	2017	2018	2019	2020	AVG.	%
IS	105	106	89	93	87	96	9.8
US	114	103	101	98	93	102	10.4
MD	401	368	351	320	313	351	35.8
CO	327	280	263	256	248	275	28.0
MU	79	69	66	50	63	65	6.7
GV	2	1	2	1	0	1	0.1
SR	0	1	1	1	0	1	0.1
OP	5	0	0	4	0	2	0.2
Balto. City CY	0	0	0	0	0	0	0.0
Parking Lots	10	22	16	11	15	15	1.5
Unknown	83	78	54	63	87	73	7.4
<b>Injury Crashes</b>	<b>1,126</b>	<b>1,028</b>	<b>943</b>	<b>897</b>	<b>906</b>	<b>980</b>	<b>100.0</b>

Route Type	2016	2017	2018	2019	2020	AVG.	%
IS	8	9	6	8	9	8	11.0
US	7	14	5	12	5	9	11.8
MD	29	32	27	30	39	31	43.0
CO	20	19	13	16	24	18	25.2
MU	4	6	4	2	3	4	5.2
GV	1	0	0	0	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	2	3	1	6	1	3	3.6
<b>Fatal Crashes</b>	<b>71</b>	<b>83</b>	<b>56</b>	<b>74</b>	<b>81</b>	<b>73</b>	<b>100.0</b>

**Motorcycle Involved  
 County**

County	2016	2017	2018	2019	2020	AVG.	%
Allegany	20	8	18	13	16	15	1.1
Anne Arundel	146	162	140	129	137	143	10.5
Baltimore	196	180	212	179	182	190	14.0
Calvert	34	25	21	19	23	24	1.8
Caroline	5	4	3	7	6	5	0.4
Carroll	34	37	31	45	36	37	2.7
Cecil	49	46	46	39	46	45	3.3
Charles	60	37	50	53	50	50	3.7
Dorchester	6	8	6	12	7	8	0.6
Frederick	76	86	61	67	78	74	5.4
Garrett	15	19	10	9	13	13	1.0
Harford	66	79	46	53	51	59	4.3
Howard	46	63	41	44	37	46	3.4
Kent	4	2	1	3	3	3	0.2
Montgomery	137	140	124	135	99	127	9.4
Prince George's	230	217	168	170	201	197	14.5
Queen Anne's	11	19	14	11	13	14	1.0
St. Mary's	30	27	37	33	26	31	2.3
Somerset	2	9	4	4	2	4	0.3
Talbot	7	10	11	4	2	7	0.5
Washington	79	56	51	46	61	59	4.3
Wicomico	32	32	31	44	29	34	2.5
Worcester	37	29	26	38	31	32	2.4
Baltimore City	195	156	122	96	139	142	10.4
<b>Total Crashes</b>	<b>1,517</b>	<b>1,451</b>	<b>1,274</b>	<b>1,253</b>	<b>1,288</b>	<b>1,357</b>	<b>100.0</b>

County	2016	2017	2018	2019	2020	AVG.	%
Allegany	18	7	16	11	13	13	1.3
Anne Arundel	106	117	111	100	92	105	10.7
Baltimore	151	113	159	128	128	136	13.9
Calvert	27	19	12	15	16	18	1.8
Caroline	4	4	2	5	5	4	0.4
Carroll	27	29	24	33	23	27	2.8
Cecil	37	30	35	29	36	33	3.4
Charles	44	26	34	38	36	36	3.6
Dorchester	5	4	3	7	6	5	0.5
Frederick	69	69	47	54	55	59	6.0
Garrett	14	18	6	7	8	11	1.1
Harford	54	68	36	36	43	47	4.8
Howard	35	52	33	33	25	36	3.6
Kent	3	2	1	2	2	2	0.2
Montgomery	97	104	96	94	67	92	9.3
Prince George's	156	136	121	107	118	128	13.0
Queen Anne's	10	8	12	8	12	10	1.0
St. Mary's	23	24	28	25	20	24	2.4
Somerset	2	6	4	3	2	3	0.3
Talbot	6	5	7	3	2	5	0.5
Washington	61	44	34	36	44	44	4.5
Wicomico	27	25	24	30	25	26	2.7
Worcester	31	19	21	30	26	25	2.6
Baltimore City	119	99	77	63	102	92	9.4
<b>Injury Crashes</b>	<b>1,126</b>	<b>1,028</b>	<b>943</b>	<b>897</b>	<b>906</b>	<b>980</b>	<b>100.0</b>

County	2016	2017	2018	2019	2020	AVG.	%
Allegany	2	0	0	0	1	1	0.8
Anne Arundel	9	6	8	9	11	9	11.8
Baltimore	5	14	9	12	12	10	14.2
Calvert	4	1	1	1	2	2	2.5
Caroline	1	0	0	0	0	0	0.3
Carroll	1	2	1	0	4	2	2.2
Cecil	5	8	0	4	2	4	5.2
Charles	8	3	4	3	3	4	5.8
Dorchester	0	2	0	1	1	1	1.1
Frederick	2	3	2	6	7	4	5.5
Garrett	0	0	1	1	3	1	1.4
Harford	3	2	1	5	2	3	3.6
Howard	1	2	1	1	4	2	2.5
Kent	0	0	0	0	0	0	0.0
Montgomery	4	4	4	5	5	4	6.0
Prince George's	13	18	12	11	13	13	18.4
Queen Anne's	0	3	0	0	1	1	1.1
St. Mary's	1	0	2	3	2	2	2.2
Somerset	0	2	0	0	0	0	0.5
Talbot	0	1	0	0	0	0	0.3
Washington	4	4	3	1	3	3	4.1
Wicomico	0	1	2	5	1	2	2.5
Worcester	1	0	1	2	1	1	1.4
Baltimore City	7	7	4	4	3	5	6.8
<b>Fatal Crashes</b>	<b>71</b>	<b>83</b>	<b>56</b>	<b>74</b>	<b>81</b>	<b>73</b>	<b>100.0</b>

### Motorcycle Involved Month

Month	2016	2017	2018	2019	2020	AVG.	%
January	20	27	33	20	31	26	1.9
February	38	77	30	31	26	40	3.0
March	107	54	38	71	93	73	5.4
April	126	183	117	116	74	123	9.1
May	147	158	152	163	160	156	11.5
June	231	213	181	182	152	192	14.1
July	209	174	181	157	182	181	13.3
August	175	172	179	178	162	173	12.8
September	196	174	148	177	172	173	12.8
October	161	128	124	95	134	128	9.5
November	81	62	55	42	83	65	4.8
December	26	29	36	21	19	26	1.9
Unknown	0	0	0	0	0	0	0.0
<b>Total Crashes</b>	<b>1,517</b>	<b>1,451</b>	<b>1,274</b>	<b>1,253</b>	<b>1,288</b>	<b>1,357</b>	<b>100.0</b>

Month	2016	2017	2018	2019	2020	AVG.	%
January	9	15	24	10	23	16	1.7
February	27	55	26	20	16	29	2.9
March	73	35	27	56	72	53	5.4
April	96	127	83	79	49	87	8.9
May	101	116	111	118	106	110	11.3
June	180	152	133	130	113	142	14.4
July	159	132	140	113	130	135	13.8
August	139	125	142	121	104	126	12.9
September	150	124	107	136	128	129	13.2
October	124	89	88	71	87	92	9.4
November	55	40	41	31	65	46	4.7
December	13	18	21	12	13	15	1.6
Unknown	0	0	0	0	0	0	0.0
<b>Injury Crashes</b>	<b>1,126</b>	<b>1,028</b>	<b>943</b>	<b>897</b>	<b>906</b>	<b>980</b>	<b>100.0</b>

Month	2016	2017	2018	2019	2020	AVG.	%
January	2	1	2	3	0	2	2.2
February	2	4	0	3	0	2	2.5
March	7	4	0	2	3	3	4.4
April	5	13	5	4	4	6	8.5
May	5	7	11	8	16	9	12.9
June	10	13	7	9	8	9	12.9
July	14	10	6	8	11	10	13.4
August	10	15	9	19	12	13	17.8
September	5	10	4	8	9	7	9.9
October	5	4	9	6	14	8	10.4
November	5	1	1	1	4	2	3.3
December	1	1	2	3	0	1	1.9
Unknown	0	0	0	0	0	0	0.0
<b>Fatal Crashes</b>	<b>71</b>	<b>83</b>	<b>56</b>	<b>74</b>	<b>81</b>	<b>73</b>	<b>100.0</b>

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

September 27, 2021

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

Day of Week	2016	2017	2018	2019	2020	AVG.	%
Monday	150	151	135	115	152	141	10.4
Tuesday	162	169	131	138	127	145	10.7
Wednesday	210	181	163	129	151	167	12.3
Thursday	198	188	164	156	127	167	12.3
Friday	217	181	195	192	174	192	14.1
Saturday	261	280	261	271	296	274	20.2
Sunday	319	301	225	252	261	272	20.0
Unknown	0	0	0	0	0	0	0.0
<b>Total Crashes</b>	<b>1,517</b>	<b>1,451</b>	<b>1,274</b>	<b>1,253</b>	<b>1,288</b>	<b>1,357</b>	<b>100.0</b>

Day of Week	2016	2017	2018	2019	2020	AVG.	%
Monday	113	103	94	84	109	101	10.3
Tuesday	120	128	108	97	89	108	11.1
Wednesday	160	116	131	88	106	120	12.3
Thursday	132	124	120	117	82	115	11.7
Friday	159	128	128	147	122	137	14.0
Saturday	200	195	199	188	211	199	20.3
Sunday	242	234	163	176	187	200	20.4
Unknown	0	0	0	0	0	0	0.0
<b>Injury Crashes</b>	<b>1,126</b>	<b>1,028</b>	<b>943</b>	<b>897</b>	<b>906</b>	<b>980</b>	<b>100.0</b>

Day of Week	2016	2017	2018	2019	2020	AVG.	%
Monday	3	5	8	9	11	7	9.9
Tuesday	3	8	2	12	13	8	10.4
Wednesday	10	18	6	5	7	9	12.6
Thursday	15	15	6	2	9	9	12.9
Friday	8	8	8	10	7	8	11.2
Saturday	17	15	9	19	19	16	21.6
Sunday	15	14	17	17	15	16	21.4
Unknown	0	0	0	0	0	0	0.0
<b>Fatal Crashes</b>	<b>71</b>	<b>83</b>	<b>56</b>	<b>74</b>	<b>81</b>	<b>73</b>	<b>100.0</b>

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

Time of Day	2016	2017	2018	2019	2020	AVG.	%
<b>12:00 Midnight</b>	23	31	30	32	28	29	2.1
1:00	17	22	23	13	15	18	1.3
2:00	15	20	15	14	25	18	1.3
3:00	12	8	11	13	7	10	0.8
4:00	6	6	8	7	7	7	0.5
5:00	11	17	11	14	13	13	1.0
6:00	32	26	30	16	12	23	1.7
7:00	29	38	24	27	22	28	2.1
8:00	38	34	30	37	19	32	2.3
9:00	41	36	37	35	26	35	2.6
10:00	40	39	37	32	36	37	2.7
11:00	67	55	54	72	46	59	4.3
<b>12:00 Noon</b>	83	80	73	75	58	74	5.4
1:00	107	96	71	86	86	89	6.6
2:00	106	103	99	82	103	99	7.3
3:00	111	113	109	95	118	109	8.0
4:00	126	134	114	104	118	119	8.8
5:00	142	117	113	114	133	124	9.1
6:00	135	103	99	102	98	107	7.9
7:00	109	100	88	74	94	93	6.9
8:00	110	106	64	65	71	83	6.1
9:00	65	61	68	65	65	65	4.8
10:00	47	59	31	53	46	47	3.5
11:00	45	47	35	26	42	39	2.9
<b>Unknown</b>	0	0	0	0	0	0	0.0
<b>Total Crashes</b>	1,517	1,451	1,274	1,253	1,288	1,357	100.0

Time of Day	2016	2017	2018	2019	2020	AVG.	%
<b>12:00 Midnight</b>	18	21	22	21	14	19	2.0
1:00	16	16	12	7	10	12	1.2
2:00	11	12	11	8	15	11	1.2
3:00	10	4	8	9	4	7	0.7
4:00	3	5	7	3	5	5	0.5
5:00	6	10	7	9	9	8	0.8
6:00	23	19	20	12	9	17	1.7
7:00	21	26	18	17	16	20	2.0
8:00	24	23	22	30	12	22	2.3
9:00	30	27	28	23	21	26	2.6
10:00	32	32	29	28	23	29	2.9
11:00	52	38	40	62	34	45	4.6
<b>12:00 Noon</b>	58	59	62	57	43	56	5.7
1:00	81	76	48	60	59	65	6.6
2:00	82	75	81	58	76	74	7.6
3:00	83	85	76	74	88	81	8.3
4:00	100	91	85	79	89	89	9.1
5:00	100	83	78	79	99	88	9.0
6:00	99	73	76	70	69	77	7.9
7:00	84	67	69	47	65	66	6.8
8:00	83	72	47	49	43	59	6.0
9:00	50	39	50	44	42	45	4.6
10:00	32	45	21	35	34	33	3.4
11:00	28	30	26	16	27	25	2.6
<b>Unknown</b>	0	0	0	0	0	0	0.0
<b>Injury Crashes</b>	1,126	1,028	943	897	906	980	100.0

Time of Day	2016	2017	2018	2019	2020	AVG.	%
<b>12:00 Midnight</b>	2	2	3	2	5	3	3.8
1:00	0	0	2	1	0	1	0.8
2:00	1	2	0	1	3	1	1.9
3:00	0	1	1	1	1	1	1.1
4:00	1	0	0	0	0	0	0.3
5:00	0	0	0	3	2	1	1.4
6:00	2	0	0	1	0	1	0.8
7:00	3	3	0	2	1	2	2.5
8:00	1	0	1	0	1	1	0.8
9:00	3	1	1	0	0	1	1.4
10:00	2	2	2	0	0	1	1.6
11:00	1	2	2	2	2	2	2.5
<b>12:00 Noon</b>	3	4	3	3	2	3	4.1
1:00	6	4	5	7	6	6	7.7
2:00	4	4	4	3	8	5	6.3
3:00	5	5	6	3	8	5	7.4
4:00	4	8	0	5	4	4	5.8
5:00	9	6	10	5	4	7	9.3
6:00	4	5	8	7	1	5	6.8
7:00	1	11	2	9	9	6	8.8
8:00	6	7	0	3	9	5	6.8
9:00	2	8	3	4	7	5	6.6
10:00	5	5	1	7	5	5	6.3
11:00	6	3	2	5	3	4	5.2
<b>Unknown</b>	0	0	0	0	0	0	0.0
<b>Fatal Crashes</b>	71	83	56	74	81	73	100.0

**Motorcycle Involved  
 Driver Age**

Driver Age	2016	2017	2018	2019	2020	AVG.	%
15 and Under	3	5	5	9	10	6	0.5
16	1	2	4	3	2	2	0.2
17	7	8	10	4	8	7	0.5
18	17	17	14	15	7	14	1.0
19	16	20	20	25	22	21	1.5
20	33	35	28	20	32	30	2.1
21 - 24	169	170	137	135	137	150	10.7
25 - 29	223	211	164	161	191	190	13.6
30 - 34	198	149	137	128	155	153	10.9
35 - 39	130	126	106	121	133	123	8.8
40 - 44	125	118	74	87	92	99	7.1
45 - 49	118	138	111	104	90	112	8.0
50 - 54	140	137	116	145	98	127	9.1
55 - 59	102	111	124	116	108	112	8.0
60 - 64	77	75	86	70	65	75	5.3
65 - 69	59	51	42	40	47	48	3.4
70 - 79	31	24	32	27	23	27	2.0
80 +	5	5	1	4	6	4	0.3
Unknown	110	93	95	90	113	100	7.1
<b>Total Drivers</b>	<b>1,564</b>	<b>1,495</b>	<b>1,306</b>	<b>1,304</b>	<b>1,339</b>	<b>1,402</b>	<b>100.0</b>

Driver Age	2016	2017	2018	2019	2020	AVG.	%
15 and Under	3	4	4	8	9	6	0.6
16	1	1	4	3	1	2	0.2
17	5	5	7	3	7	5	0.6
18	12	10	8	13	7	10	1.0
19	13	16	15	16	21	16	1.7
20	23	26	23	18	22	22	2.3
21 - 24	129	121	103	92	95	108	11.1
25 - 29	173	151	115	116	149	141	14.5
30 - 34	143	99	100	87	109	108	11.1
35 - 39	106	91	84	88	89	92	9.4
40 - 44	96	93	54	65	68	75	7.7
45 - 49	94	103	87	78	64	85	8.8
50 - 54	105	105	93	107	76	97	10.0
55 - 59	76	80	90	85	78	82	8.4
60 - 64	55	57	74	54	51	58	6.0
65 - 69	42	37	36	33	37	37	3.8
70 - 79	26	14	22	19	16	19	2.0
80 +	3	2	1	2	2	2	0.2
Unknown	8	7	9	3	7	7	0.7
<b>Injured Drivers</b>	<b>1,113</b>	<b>1,022</b>	<b>929</b>	<b>890</b>	<b>908</b>	<b>972</b>	<b>100.0</b>

Driver Age	2016	2017	2018	2019	2020	AVG.	%
15 and Under	0	0	0	0	0	0	0.0
16	0	0	0	0	0	0	0.0
17	0	0	1	1	1	1	0.9
18	1	2	2	1	0	1	1.7
19	2	0	0	2	0	1	1.2
20	1	2	2	0	4	2	2.6
21 - 24	15	8	8	13	9	11	15.3
25 - 29	8	12	8	17	5	10	14.5
30 - 34	8	10	6	8	12	9	12.7
35 - 39	3	5	1	5	9	5	6.6
40 - 44	6	7	3	3	4	5	6.6
45 - 49	5	4	4	5	6	5	6.9
50 - 54	5	9	7	6	3	6	8.7
55 - 59	4	8	8	5	7	6	9.2
60 - 64	4	5	1	1	7	4	5.2
65 - 69	3	3	0	3	2	2	3.2
70 - 79	2	4	3	1	4	3	4.0
80 +	0	0	0	0	1	0	0.3
Unknown	1	0	0	0	0	0	0.3
<b>Driver Fatalities</b>	<b>68</b>	<b>79</b>	<b>54</b>	<b>71</b>	<b>74</b>	<b>69</b>	<b>100.0</b>

Driver pages - motorcycle drivers only.

**Motorcycle Involved  
 Driver Gender**

Driver Gender	2016	2017	2018	2019	2020	AVG.	%
Male	1,361	1,304	1,136	1,132	1,151	1,217	86.8
Female	95	98	69	77	78	83	6.0
Unknown	108	93	101	95	110	101	7.2
<b>Total Drivers</b>	<b>1,564</b>	<b>1,495</b>	<b>1,306</b>	<b>1,304</b>	<b>1,339</b>	<b>1,402</b>	<b>100.0</b>

Driver Gender	2016	2017	2018	2019	2020	AVG.	%
Male	1,031	939	862	820	847	900	92.5
Female	71	75	56	62	55	64	6.6
Unknown	11	8	11	8	6	9	0.9
<b>Driver Injuries</b>	<b>1,113</b>	<b>1,022</b>	<b>929</b>	<b>890</b>	<b>908</b>	<b>972</b>	<b>100.0</b>

Driver Gender	2016	2017	2018	2019	2020	AVG.	%
Male	64	77	52	70	72	67	96.8
Female	4	2	2	1	2	2	3.2
Unknown	0	0	0	0	0	0	0.0
<b>Driver Fatalities</b>	<b>68</b>	<b>79</b>	<b>54</b>	<b>71</b>	<b>74</b>	<b>69</b>	<b>100.0</b>

Driver pages - motorcycle drivers only.



**Motorcycle Involved  
 Driver Safety Equipment Use**

Safety Equipment	2016	2017	2018	2019	2020	AVG.	%
Not Applicable	141	123	123	123	117	125	8.9
None	150	146	125	118	172	142	10.1
Lap belt only	0	2	1	2	0	1	0.1
Shoulder belt only	1	0	1	1	0	1	0.0
Shoulder/Lap belt(s)	30	21	21	25	19	23	1.7
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	683	653	552	561	592	608	43.4
Mc/bike shield only	15	9	6	10	10	10	0.7
Mc/bike helmet & shield	455	440	379	376	329	396	28.2
Protective pads	3	2	2	2	3	2	0.2
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	3	5	3	5	4	0.3
Unknown	84	96	91	83	92	89	6.4
<b>Total Drivers</b>	<b>1,564</b>	<b>1,495</b>	<b>1,306</b>	<b>1,304</b>	<b>1,339</b>	<b>1,402</b>	<b>100.0</b>

Safety Equipment	2016	2017	2018	2019	2020	AVG.	%
Not Applicable	91	81	81	80	71	81	8.3
None	114	99	93	87	135	106	10.9
Lap belt only	0	2	1	1	0	1	0.1
Shoulder belt only	0	0	0	1	0	0	0.0
Shoulder/Lap belt(s)	18	8	7	9	8	10	1.0
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 unknown	0	0	0	0	0	0	0.0
Mc/Bike helmet	512	470	425	417	438	452	46.5
Mc/bike shield only	9	5	3	8	8	7	0.7
Mc/bike helmet & shield	353	337	297	268	227	296	30.5
Protective pads	3	2	1	1	1	2	0.2
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	1	4	2	3	2	0.2
Unknown	12	17	17	16	17	16	1.6
<b>Driver Injuries</b>	<b>1,113</b>	<b>1,022</b>	<b>929</b>	<b>890</b>	<b>908</b>	<b>972</b>	<b>100.0</b>

Safety Equipment	2016	2017	2018	2019	2020	AVG.	%
Not Applicable	3	3	2	2	1	2	3.2
None	4	8	4	5	3	5	6.9
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	37	44	28	43	41	39	55.8
Mc/bike shield only	0	2	1	0	1	1	1.2
Mc/bike helmet & shield	23	19	18	21	28	22	31.5
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	0	0	0	0	0	0	0.0
Other	0	1	0	0	0	0	0.3
Unknown	1	2	1	0	0	1	1.2
<b>Driver Fatalities</b>	<b>68</b>	<b>79</b>	<b>54</b>	<b>71</b>	<b>74</b>	<b>69</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	2016	2017	2018	2019	2020	AVG.	%
Under 5	0	1	1	0	2	1	0.8
5 - 9	2	0	3	1	3	2	1.9
10 - 11	1	1	1	5	0	2	1.7
12 - 13	1	0	1	0	2	1	0.8
14 - 15	2	0	1	2	0	1	1.1
16 - 17	1	1	2	3	2	2	1.9
18 - 19	2	2	3	5	1	3	2.7
20 - 24	7	9	9	12	11	10	10.1
25 - 29	10	10	10	12	8	10	10.5
30 - 34	10	4	7	10	15	9	9.7
35 - 39	6	5	7	3	11	6	6.7
40 - 44	11	13	2	5	7	8	8.0
45 - 49	10	14	12	10	5	10	10.7
50 - 54	9	15	9	16	12	12	12.8
55 - 59	15	10	12	12	7	11	11.8
60 - 64	2	6	5	4	6	5	4.8
65 - 69	3	3	0	6	0	2	2.5
70 - 79	1	0	0	0	1	0	0.4
80 +	0	1	1	1	1	1	0.8
Unknown	0	0	0	0	0	0	0.0
<b>Total Passengers</b>	<b>93</b>	<b>95</b>	<b>86</b>	<b>107</b>	<b>94</b>	<b>95</b>	<b>100.0</b>

Passenger Age	2016	2017	2018	2019	2020	AVG.	%
Under 5	0	0	0	0	1	0	0.3
5 - 9	2	0	1	1	3	1	1.9
10 - 11	1	0	0	4	0	1	1.4
12 - 13	1	0	0	0	2	1	0.8
14 - 15	2	0	0	1	0	1	0.8
16 - 17	1	0	2	3	2	2	2.2
18 - 19	1	2	2	4	1	2	2.7
20 - 24	7	9	6	9	4	7	9.5
25 - 29	9	10	9	8	6	8	11.4
30 - 34	8	4	5	6	11	7	9.2
35 - 39	5	2	5	3	9	5	6.5
40 - 44	7	11	2	5	6	6	8.4
45 - 49	6	11	8	7	4	7	9.8
50 - 54	9	12	9	14	11	11	14.9
55 - 59	12	7	9	8	5	8	11.1
60 - 64	1	6	5	3	6	4	5.7
65 - 69	2	3	0	6	0	2	3.0
70 - 79	1	0	0	0	0	0	0.3
80 +	0	0	0	0	1	0	0.3
Unknown	0	0	0	0	0	0	0.0
<b>Injured Passengers</b>	<b>75</b>	<b>77</b>	<b>63</b>	<b>82</b>	<b>72</b>	<b>74</b>	<b>100.0</b>

Passenger Age	2016	2017	2018	2019	2020	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	0	0	0	0	0	0.0
20 - 24	0	0	0	1	2	1	16.7
25 - 29	1	0	0	1	1	1	16.7
30 - 34	1	0	1	1	1	1	22.2
35 - 39	0	0	1	0	0	0	5.6
40 - 44	0	1	0	0	0	0	5.6
45 - 49	1	1	1	0	0	1	16.7
50 - 54	0	0	0	0	0	0	0.0
55 - 59	0	1	0	1	0	0	11.1
60 - 64	1	0	0	0	0	0	5.6
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>4</b>	<b>3</b>	<b>3</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>100.0</b>

Passenger pages - motorcycle passengers only.

**Motorcycle Involved  
 Passenger Gender**

Passenger Gender	2016	2017	2018	2019	2020	AVG.	%
Male	12	8	17	10	17	13	13.5
Female	81	87	69	97	76	82	86.3
Unknown	0	0	0	0	1	0	0.2
<b>Total Passengers</b>	<b>93</b>	<b>95</b>	<b>86</b>	<b>107</b>	<b>94</b>	<b>95</b>	<b>100.0</b>

Passenger Gender	2016	2017	2018	2019	2020	AVG.	%
Male	10	4	10	6	13	9	11.7
Female	65	73	53	76	59	65	88.3
Unknown	0	0	0	0	0	0	0.0
<b>Passenger Injuries</b>	<b>75</b>	<b>77</b>	<b>63</b>	<b>82</b>	<b>72</b>	<b>74</b>	<b>100.0</b>

Passenger Gender	2016	2017	2018	2019	2020	AVG.	%
Male	0	0	0	0	0	0	0.0
Female	4	3	3	4	4	4	100.0
Unknown	0	0	0	0	0	0	0.0
<b>Passenger Fatalities</b>	<b>4</b>	<b>3</b>	<b>3</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>100.0</b>

Passenger pages - motorcycle passengers only.

**Motorcycle Involved  
 Passenger Safety Equipment Use**

Safety Equipment	2016	2017	2018	2019	2020	AVG.	%
Not Applicable	4	5	6	7	4	5	5.5
None	10	7	14	12	10	11	11.2
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)	2	1	2	0	1	1	1.3
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	1	0	0	0	0	0.2
Mc/Bike helmet	50	44	42	53	51	48	50.5
Mc/bike shield only	1	2	1	3	1	2	1.7
Mc/bike helmet & shield	26	34	17	31	26	27	28.2
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	4	1	1	1	1.5
<b>Total Passengers</b>	<b>93</b>	<b>95</b>	<b>86</b>	<b>107</b>	<b>94</b>	<b>95</b>	<b>100.0</b>

Safety Equipment	2016	2017	2018	2019	2020	AVG.	%
Not Applicable	4	3	4	2	2	3	4.1
None	7	5	11	9	8	8	10.8
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)	2	0	0	0	0	0	0.5
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	1	0	0	0	0	0.3
Mc/Bike helmet	38	38	30	41	36	37	49.6
Mc/bike shield only	1	1	1	3	1	1	1.9
Mc/bike helmet & shield	23	28	14	26	24	23	31.2
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	1.6
<b>Passenger Injuries</b>	<b>75</b>	<b>77</b>	<b>63</b>	<b>82</b>	<b>72</b>	<b>74</b>	<b>100.0</b>

Safety Equipment	2016	2017	2018	2019	2020	AVG.	%
Not Applicable	0	0	0	0	0	0	0.0
None	0	1	1	0	1	1	16.7
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	4	1	2	1	3	2	61.1
Mc/bike shield only	0	0	0	0	0	0	0.0
Mc/bike helmet & shield	0	1	0	3	0	1	22.2
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	0	0	0	0.0
<b>Passenger Fatalities</b>	<b>4</b>	<b>3</b>	<b>3</b>	<b>4</b>	<b>4</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  
 Non-Motorist Age**

Non-Motorist Age	2016	2017	2018	2019	2020	AVG.	%
Under 5	0	1	1	0	0	0	2.2
5 - 9	1	0	1	0	0	0	2.2
10 - 15	1	0	2	0	2	1	5.6
16 - 17	2	3	1	0	0	1	6.7
18 - 19	1	0	1	0	0	0	2.2
20 - 24	7	3	0	3	2	3	16.9
25 - 29	2	3	3	1	2	2	12.4
30 - 34	0	0	4	2	3	2	10.1
35 - 39	1	2	1	1	2	1	7.9
40 - 44	2	1	0	1	2	1	6.7
45 - 49	0	0	0	2	0	0	2.2
50 - 54	2	1	0	1	2	1	6.7
55 - 59	0	1	3	0	4	2	9.0
60 - 64	1	1	1	0	1	1	4.5
65 - 69	1	0	1	0	1	1	3.4
70 - 79	0	0	0	0	0	0	0.0
80 +	1	0	0	0	0	0	1.1
Unknown	0	0	0	0	0	0	0.0
<b>Total Non-Motorists</b>	<b>22</b>	<b>16</b>	<b>19</b>	<b>11</b>	<b>21</b>	<b>18</b>	<b>100.0</b>

Non-Motorist Age	2016	2017	2018	2019	2020	AVG.	%
Under 5	0	1	1	0	0	0	2.9
5 - 9	1	0	1	0	0	0	2.9
10 - 15	1	0	2	0	2	1	7.1
16 - 17	2	0	1	0	0	1	4.3
18 - 19	1	0	1	0	0	0	2.9
20 - 24	5	3	0	2	2	2	17.1
25 - 29	2	3	2	1	2	2	14.3
30 - 34	0	0	3	1	3	1	10.0
35 - 39	1	1	1	1	2	1	8.6
40 - 44	2	0	0	1	1	1	5.7
45 - 49	0	0	0	2	0	0	2.9
50 - 54	1	1	0	0	2	1	5.7
55 - 59	0	0	3	0	3	1	8.6
60 - 64	0	1	1	0	0	0	2.9
65 - 69	1	0	1	0	1	1	4.3
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
<b>Inj. Non-Motorists</b>	<b>17</b>	<b>10</b>	<b>17</b>	<b>8</b>	<b>18</b>	<b>14</b>	<b>100.0</b>

Non-Motorist Age	2016	2017	2018	2019	2020	AVG.	%
Under 5	0	0	0	0	0	0	0.0
5 - 9	0	0	0	0	0	0	0.0
10 - 15	0	0	0	0	0	0	0.0
16 - 17	0	1	0	0	0	0	11.1
18 - 19	0	0	0	0	0	0	0.0
20 - 24	1	0	0	0	0	0	11.1
25 - 29	0	0	1	0	0	0	11.1
30 - 34	0	0	0	0	0	0	0.0
35 - 39	0	0	0	0	0	0	0.0
40 - 44	0	1	0	0	1	0	22.2
45 - 49	0	0	0	0	0	0	0.0
50 - 54	0	0	0	1	0	0	11.1
55 - 59	0	1	0	0	1	0	22.2
60 - 64	0	0	0	0	0	0	0.0
65 - 69	0	0	0	0	0	0	0.0
70 - 79	0	0	0	0	0	0	0.0
80 +	1	0	0	0	0	0	11.1
Unknown	0	0	0	0	0	0	0.0
<b>Non-Motor. Fatalities</b>	<b>2</b>	<b>3</b>	<b>1</b>	<b>1</b>	<b>2</b>	<b>2</b>	<b>100.0</b>

**Motorcycle Involved  
 Non-Motorist Gender**

	2016	2017	2018	2019	2020	AVG.	%
<b>Non-Motorist Gender</b>							
Male	12	10	12	6	16	11	62.9
Female	10	6	7	5	5	7	37.1
Unknown	0	0	0	0	0	0	0.0
<b>Total Non-Motorists</b>	<b>22</b>	<b>16</b>	<b>19</b>	<b>11</b>	<b>21</b>	<b>18</b>	<b>100.0</b>

	2016	2017	2018	2019	2020	AVG.	%
<b>Non-Motorist Gender</b>							
Male	9	6	10	6	14	9	64.3
Female	8	4	7	2	4	5	35.7
Unknown	0	0	0	0	0	0	0.0
<b>Non-Motorist Injuries</b>	<b>17</b>	<b>10</b>	<b>17</b>	<b>8</b>	<b>18</b>	<b>14</b>	<b>100.0</b>

	2016	2017	2018	2019	2020	AVG.	%
<b>Non-Motorist Gender</b>							
Male	0	2	1	0	1	1	44.4
Female	2	1	0	1	1	1	55.6
Unknown	0	0	0	0	0	0	0.0
<b>Non-Motorist Fatalities</b>	<b>2</b>	<b>3</b>	<b>1</b>	<b>1</b>	<b>2</b>	<b>2</b>	<b>100.0</b>

**Motorcycle Involved  
 Non-Motorist Location**

Non-Motorist Location	2016	2017	2018	2019	2020	AVG.	%
Not App.	2	0	2	0	2	1	6.7
Shoulder	0	0	0	2	2	1	4.5
Curb	1	2	0	0	0	1	3.4
Sidewalk	4	0	0	0	0	1	4.5
Outside Right of Way	1	1	1	1	0	1	4.5
On Rd. at Crosswalk	1	1	0	4	0	1	6.7
On Rd. Not at Cross.	7	8	13	0	9	7	41.6
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	2	1	1	1	0	1	5.6
At Inter No Crosswalk	2	1	1	0	0	1	4.5
Driveway Access	0	0	0	0	0	0	0.0
Median	0	0	0	1	0	0	1.1
Island	0	0	0	0	0	0	0.0
Shared Use Path or Trail	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	1	2	8	3	16.9
<b>Total Non-Motorists</b>	<b>22</b>	<b>16</b>	<b>19</b>	<b>11</b>	<b>21</b>	<b>18</b>	<b>100.0</b>

Non-Motorist Location	2016	2017	2018	2019	2020	AVG.	%
Not App.	1	0	1	0	1	1	4.3
Shoulder	0	0	0	0	2	0	2.9
Curb	1	2	0	0	0	1	4.3
Sidewalk	3	0	0	0	0	1	4.3
Outside Right of Way	1	0	1	1	0	1	4.3
On Rd. at Crosswalk	0	1	0	3	0	1	5.7
On Rd. Not at Cross.	6	4	12	0	8	6	42.9
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	2	0	1	1	0	1	5.7
At Inters No Crosswalk	1	1	1	0	0	1	4.3
Driveway Access	0	0	0	0	0	0	0.0
Median	0	0	0	1	0	0	1.4
Island	0	0	0	0	0	0	0.0
Shared Use Path or Trail	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	1	2	7	3	20.0
<b>Injured Non-Motorists</b>	<b>17</b>	<b>10</b>	<b>17</b>	<b>8</b>	<b>18</b>	<b>14</b>	<b>100.0</b>

Non-Motorist Location	2016	2017	2018	2019	2020	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	0	0	0	0.0
Outside Right of Way	0	1	0	0	0	0	11.1
On Rd. at Crosswalk	1	0	0	1	0	0	22.2
On Rd. Not at Cross.	0	1	1	0	1	1	33.3
In School Bus Zone	0	0	0	0	0	0	0.0
In Bikeway	0	0	0	0	0	0	0.0
Inters Marked Crosswalk	0	1	0	0	0	0	11.1
At Inters No Crosswalk	1	0	0	0	0	0	11.1
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 Trail	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	1	0	11.1
<b>Non-Motorist Fatalities</b>	<b>2</b>	<b>3</b>	<b>1</b>	<b>1</b>	<b>2</b>	<b>2</b>	<b>100.0</b>

**Motorcycle Involved  
 Non-Motorist Movement**

Non-Motorist Movement	2016	2017	2018	2019	2020	AVG.	%
Cross. at Intersection	3	4	3	4	1	3	16.9
Cross. Not at Inter.	7	7	5	1	4	5	27.0
Walk/Ride with Traff.	4	2	3	0	4	3	14.6
Walk/Ride against Tra.	0	0	0	0	0	0	0.0
Playing	0	0	1	0	0	0	1.1
Standing	1	0	3	3	4	2	12.4
Getting On/Off Veh.	0	0	0	0	0	0	0.0
Push/Work on Veh.	0	0	0	1	1	0	2.2
Other Working	2	0	0	0	3	1	5.6
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	2	0	0	0	0	0	2.2
Other / Unknown	3	3	4	2	4	3	18.0
<b>Total Non-Motorists</b>	<b>22</b>	<b>16</b>	<b>19</b>	<b>11</b>	<b>21</b>	<b>18</b>	<b>100.0</b>

Non-Motorist Movement	2016	2017	2018	2019	2020	AVG.	%
Cross. at Intersection	1	2	3	3	1	2	14.3
Cross. Not at Inter.	7	5	5	1	3	4	30.0
Walk/Ride with Traff.	2	1	2	0	3	2	11.4
Walk/Ride against Tra.	0	0	0	0	0	0	0.0
Playing	0	0	1	0	0	0	1.4
Standing	1	0	3	1	4	2	12.9
Getting On/Off Veh.	0	0	0	0	0	0	0.0
Push/Work on Veh.	0	0	0	1	1	0	2.9
Other Working	2	0	0	0	3	1	7.1
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	2	0	0	0	0	0	2.9
Other / Unknown	2	2	3	2	3	2	17.1
<b>Injured Non-Motorists</b>	<b>17</b>	<b>10</b>	<b>17</b>	<b>8</b>	<b>18</b>	<b>14</b>	<b>100.0</b>

Non-Motorist Movement	2016	2017	2018	2019	2020	AVG.	%
Cross. at Intersection	2	2	0	1	0	1	55.6
Cross. Not at Inter.	0	0	0	0	1	0	11.1
Walk/Ride with Traff.	0	0	1	0	0	0	11.1
Walk/Ride against Tra.	0	0	0	0	0	0	0.0
Playing	0	0	0	0	0	0	0.0
Standing	0	0	0	0	0	0	0.0
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	1	0	0	1	0	22.2
<b>Non-Motorist Fatalities</b>	<b>2</b>	<b>3</b>	<b>1</b>	<b>1</b>	<b>2</b>	<b>2</b>	<b>100.0</b>