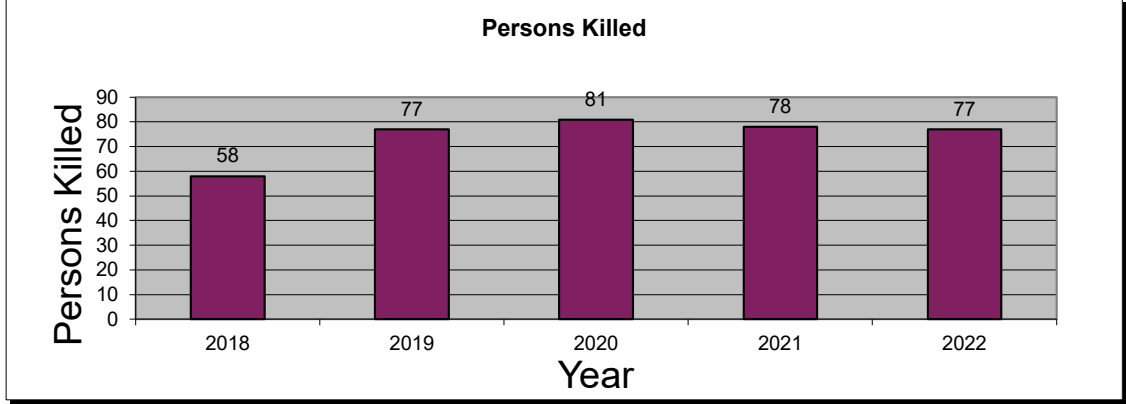
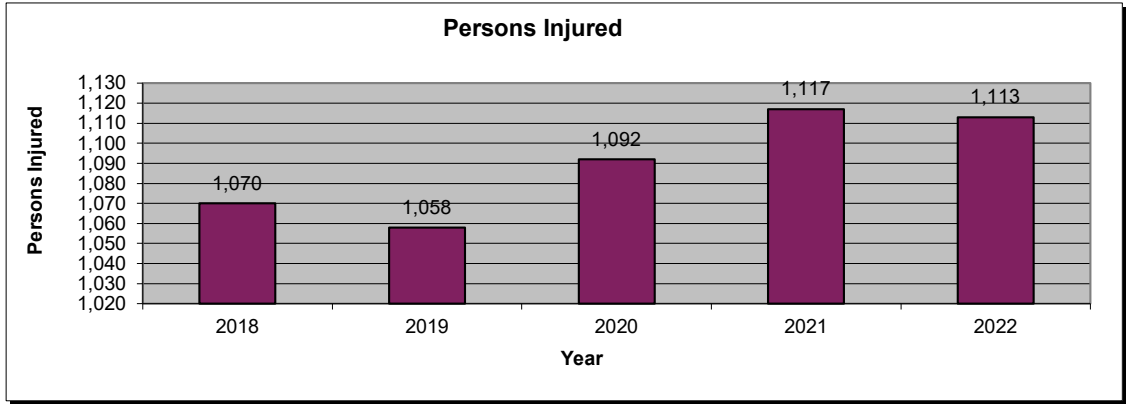
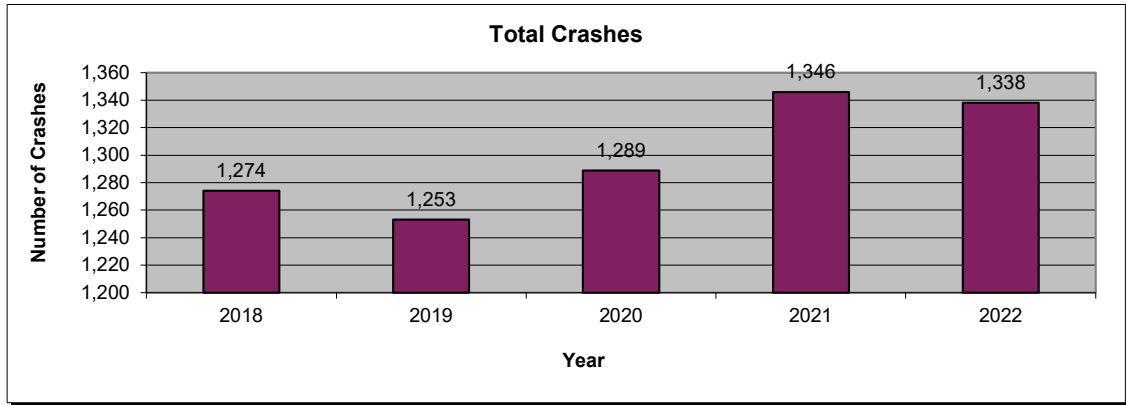


### Motorcycle Involved Crash Summary

	2018	2019	2020	2021	2022	5 Year AVG.	%
Fatal Crashes	56	74	81	77	75	73	5.6
Injury Crashes	943	897	907	964	966	935	72.0
Property Damage Crashes	275	282	301	305	297	292	22.5
<b>Total Crashes</b>	<b>1,274</b>	<b>1,253</b>	<b>1,289</b>	<b>1,346</b>	<b>1,338</b>	<b>1,300</b>	<b>100.0</b>
<b>Total of All Fatalities</b>	<b>58</b>	<b>77</b>	<b>81</b>	<b>78</b>	<b>77</b>	<b>74</b>	
<b>Total Number Injured</b>	<b>1,070</b>	<b>1,058</b>	<b>1,092</b>	<b>1,117</b>	<b>1,113</b>	<b>1,090</b>	



2022 is subject to change. Data are based on reports provided by the Maryland State Police Central Records Division (CRD). 2022 crash reports submitted to CRD during calendar year 2023 (up to Dec. 31, 2023) 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, 2023.

### Motorcycle Involved Route Type

Route Type	2018	2019	2020	2021	2022	AVG.	%
IS	131	140	138	123	125	131	10.1
US	125	132	131	155	132	135	10.4
MD	454	435	439	458	488	455	35.0
CO	339	347	338	369	343	347	26.7
MU	97	70	91	77	81	83	6.4
GV	2	1	1	2	0	1	0.1
SR	1	2	0	1	0	1	0.1
OP	2	4	2	6	7	4	0.3
Balto. City CY	0	0	0	0	0	0	0.0
Parking Lots	34	28	27	27	25	28	2.2
Unknown	89	94	122	128	137	114	8.8
<b>Total Crashes</b>	<b>1,274</b>	<b>1,253</b>	<b>1,289</b>	<b>1,346</b>	<b>1,338</b>	<b>1,300</b>	<b>100.0</b>

Route Type	2018	2019	2020	2021	2022	AVG.	%
IS	89	93	88	85	83	88	9.4
US	101	98	93	113	97	100	10.7
MD	351	320	313	321	363	334	35.7
CO	263	256	248	286	263	263	28.1
MU	66	50	63	56	57	58	6.2
GV	2	1	0	1	0	1	0.1
SR	1	1	0	1	0	1	0.1
OP	0	4	0	5	5	3	0.3
Balto. City CY	0	0	0	0	0	0	0.0
Parking Lots	16	11	15	13	9	13	1.4
Unknown	54	63	87	83	89	75	8.0
<b>Injury Crashes</b>	<b>943</b>	<b>897</b>	<b>907</b>	<b>964</b>	<b>966</b>	<b>935</b>	<b>100.0</b>

Route Type	2018	2019	2020	2021	2022	AVG.	%
IS	6	8	9	8	7	8	10.5
US	5	12	5	14	9	9	12.4
MD	27	30	39	32	43	34	47.1
CO	13	16	24	18	10	16	22.3
MU	4	2	3	1	6	3	4.4
GV	0	0	0	0	0	0	0.0
SR	0	0	0	0	0	0	0.0
OP	0	0	0	1	0	0	0.3
Balto. City CY	0	0	0	0	0	0	0.0
Parking Lots	0	0	0	0	0	0	0.0
Unknown	1	6	1	3	0	2	3.0
<b>Fatal Crashes</b>	<b>56</b>	<b>74</b>	<b>81</b>	<b>77</b>	<b>75</b>	<b>73</b>	<b>100.0</b>

**Motorcycle Involved  
 County**

County	2018	2019	2020	2021	2022	AVG.	%
Allegany	18	13	16	21	16	17	1.3
Anne Arundel	140	129	137	135	129	134	10.3
Baltimore	212	179	182	191	203	193	14.9
Calvert	21	19	23	21	24	22	1.7
Caroline	3	7	6	3	8	5	0.4
Carroll	31	45	36	28	43	37	2.8
Cecil	46	39	46	39	48	44	3.4
Charles	50	53	50	50	53	51	3.9
Dorchester	6	12	7	9	8	8	0.6
Frederick	61	67	78	75	95	75	5.8
Garrett	10	9	13	7	10	10	0.8
Harford	46	53	51	73	76	60	4.6
Howard	41	44	37	48	46	43	3.3
Kent	1	3	3	2	7	3	0.2
Montgomery	124	135	99	109	111	116	8.9
Prince George's	168	170	201	203	161	181	13.9
Queen Anne's	14	11	13	13	12	13	1.0
St. Mary's	37	33	26	47	40	37	2.8
Somerset	4	4	2	5	5	4	0.3
Talbot	11	4	2	9	14	8	0.6
Washington	51	46	61	52	45	51	3.9
Wicomico	31	44	29	42	24	34	2.6
Worcester	26	38	31	32	30	31	2.4
Baltimore City	122	96	140	132	130	124	9.5
<b>Total Crashes</b>	<b>1,274</b>	<b>1,253</b>	<b>1,289</b>	<b>1,346</b>	<b>1,338</b>	<b>1,300</b>	<b>100.0</b>

County	2018	2019	2020	2021	2022	AVG.	%
Allegany	16	11	13	20	13	15	1.6
Anne Arundel	111	100	92	104	98	101	10.8
Baltimore	159	128	128	136	141	138	14.8
Calvert	12	15	16	15	17	15	1.6
Caroline	2	5	5	2	5	4	0.4
Carroll	24	33	23	23	34	27	2.9
Cecil	35	29	36	26	36	32	3.5
Charles	34	38	36	33	39	36	3.8
Dorchester	3	7	6	8	6	6	0.6
Frederick	47	54	55	54	66	55	5.9
Garrett	6	7	8	6	7	7	0.7
Harford	36	36	43	50	58	45	4.8
Howard	33	33	25	39	39	34	3.6
Kent	1	2	2	1	5	2	0.2
Montgomery	96	94	67	69	87	83	8.8
Prince George's	121	107	118	130	93	114	12.2
Queen Anne's	12	8	12	11	9	10	1.1
St. Mary's	28	25	20	37	32	28	3.0
Somerset	4	3	2	3	4	3	0.3
Talbot	7	3	2	6	12	6	0.6
Washington	34	36	44	37	31	36	3.9
Wicomico	24	30	25	34	17	26	2.8
Worcester	21	30	26	25	23	25	2.7
Baltimore City	77	63	103	95	94	86	9.2
<b>Injury Crashes</b>	<b>943</b>	<b>897</b>	<b>907</b>	<b>964</b>	<b>966</b>	<b>935</b>	<b>100.0</b>

County	2018	2019	2020	2021	2022	AVG.	%
Allegany	0	0	1	0	1	0	0.6
Anne Arundel	8	9	11	4	7	8	10.7
Baltimore	9	12	12	11	11	11	15.2
Calvert	1	1	2	2	3	2	2.5
Caroline	0	0	0	0	1	0	0.3
Carroll	1	0	4	2	1	2	2.2
Cecil	0	4	2	3	6	3	4.1
Charles	4	3	3	3	5	4	5.0
Dorchester	0	1	1	0	0	0	0.6
Frederick	2	6	7	6	4	5	6.9
Garrett	1	1	3	1	2	2	2.2
Harford	1	5	2	2	2	2	3.3
Howard	1	1	4	4	2	2	3.3
Kent	0	0	0	0	1	0	0.3
Montgomery	4	5	5	10	3	5	7.4
Prince George's	12	11	13	13	9	12	16.0
Queen Anne's	0	0	1	1	1	1	0.8
St. Mary's	2	3	2	3	1	2	3.0
Somerset	0	0	0	2	0	0	0.6
Talbot	0	0	0	0	1	0	0.3
Washington	3	1	3	1	3	2	3.0
Wicomico	2	5	1	2	1	2	3.0
Worcester	1	2	1	3	2	2	2.5
Baltimore City	4	4	3	4	8	5	6.3
<b>Fatal Crashes</b>	<b>56</b>	<b>74</b>	<b>81</b>	<b>77</b>	<b>75</b>	<b>73</b>	<b>100.0</b>

**Motorcycle Involved  
 Month**

Month	2018	2019	2020	2021	2022	AVG.	%
January	33	20	32	19	10	23	1.8
February	30	31	26	15	36	28	2.1
March	38	71	93	101	69	74	5.7
April	117	116	74	121	113	108	8.3
May	152	163	160	153	164	158	12.2
June	181	182	152	170	188	175	13.4
July	181	157	182	183	173	175	13.5
August	179	178	162	158	188	173	13.3
September	148	177	172	208	196	180	13.9
October	124	95	134	125	104	116	9.0
November	55	42	83	58	70	62	4.7
December	36	21	19	35	27	28	2.1
Unknown	0	0	0	0	0	0	0.0
<b>Total Crashes</b>	<b>1,274</b>	<b>1,253</b>	<b>1,289</b>	<b>1,346</b>	<b>1,338</b>	<b>1,300</b>	<b>100.0</b>

Month	2018	2019	2020	2021	2022	AVG.	%
January	24	10	24	11	6	15	1.6
February	26	20	16	8	22	18	2.0
March	27	56	72	72	50	55	5.9
April	83	79	49	86	87	77	8.2
May	111	118	106	104	115	111	11.8
June	133	130	113	138	141	131	14.0
July	140	113	130	137	128	130	13.9
August	142	121	104	114	137	124	13.2
September	107	136	128	140	155	133	14.2
October	88	71	87	92	67	81	8.7
November	41	31	65	38	42	43	4.6
December	21	12	13	24	16	17	1.8
Unknown	0	0	0	0	0	0	0.0
<b>Injury Crashes</b>	<b>943</b>	<b>897</b>	<b>907</b>	<b>964</b>	<b>966</b>	<b>935</b>	<b>100.0</b>

Month	2018	2019	2020	2021	2022	AVG.	%
January	2	3	0	1	0	1	1.7
February	0	3	0	0	3	1	1.7
March	0	2	3	5	5	3	4.1
April	5	4	4	7	7	5	7.4
May	11	8	16	6	11	10	14.3
June	7	9	8	8	7	8	10.7
July	6	8	11	11	8	9	12.1
August	9	19	12	12	14	13	18.2
September	4	8	9	16	9	9	12.7
October	9	6	14	7	8	9	12.1
November	1	1	4	4	3	3	3.6
December	2	3	0	0	0	1	1.4
Unknown	0	0	0	0	0	0	0.0
<b>Fatal Crashes</b>	<b>56</b>	<b>74</b>	<b>81</b>	<b>77</b>	<b>75</b>	<b>73</b>	<b>100.0</b>

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

January 26, 2024

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

Day of Week	2018	2019	2020	2021	2022	AVG.	%
Monday	135	115	153	129	132	133	10.2
Tuesday	131	138	127	135	150	136	10.5
Wednesday	163	129	151	165	174	156	12.0
Thursday	164	156	127	181	141	154	11.8
Friday	195	192	174	202	208	194	14.9
Saturday	261	271	296	271	300	280	21.5
Sunday	225	252	261	263	233	247	19.0
Unknown	0	0	0	0	0	0	0.0
<b>Total Crashes</b>	<b>1,274</b>	<b>1,253</b>	<b>1,289</b>	<b>1,346</b>	<b>1,338</b>	<b>1,300</b>	<b>100.0</b>

Day of Week	2018	2019	2020	2021	2022	AVG.	%
Monday	94	84	110	91	98	95	10.2
Tuesday	108	97	89	97	108	100	10.7
Wednesday	131	88	106	110	119	111	11.8
Thursday	120	117	82	132	106	111	11.9
Friday	128	147	122	151	149	139	14.9
Saturday	199	188	211	200	218	203	21.7
Sunday	163	176	187	183	168	175	18.8
Unknown	0	0	0	0	0	0	0.0
<b>Injury Crashes</b>	<b>943</b>	<b>897</b>	<b>907</b>	<b>964</b>	<b>966</b>	<b>935</b>	<b>100.0</b>

Day of Week	2018	2019	2020	2021	2022	AVG.	%
Monday	8	9	11	6	4	8	10.5
Tuesday	2	12	13	4	4	7	9.6
Wednesday	6	5	7	6	16	8	11.0
Thursday	6	2	9	10	7	7	9.4
Friday	8	10	7	14	11	10	13.8
Saturday	9	19	19	21	18	17	23.7
Sunday	17	17	15	16	15	16	22.0
Unknown	0	0	0	0	0	0	0.0
<b>Fatal Crashes</b>	<b>56</b>	<b>74</b>	<b>81</b>	<b>77</b>	<b>75</b>	<b>73</b>	<b>100.0</b>

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

Time of Day	2018	2019	2020	2021	2022	AVG.	%
12:00 Midnight	30	32	28	28	27	29	2.2
1:00	23	13	15	23	17	18	1.4
2:00	15	14	25	13	21	18	1.4
3:00	11	13	7	12	9	10	0.8
4:00	8	7	7	5	12	8	0.6
5:00	11	14	13	13	13	13	1.0
6:00	30	16	12	18	16	18	1.4
7:00	24	27	22	23	33	26	2.0
8:00	30	37	19	21	27	27	2.1
9:00	37	35	26	45	32	35	2.7
10:00	37	32	36	42	44	38	2.9
11:00	54	72	46	43	49	53	4.1
12:00 Noon	73	75	58	65	69	68	5.2
1:00	71	86	86	69	72	77	5.9
2:00	99	82	103	91	84	92	7.1
3:00	109	95	118	122	120	113	8.7
4:00	114	104	118	128	125	118	9.1
5:00	113	114	133	120	134	123	9.4
6:00	99	102	98	144	96	108	8.3
7:00	88	74	95	103	109	94	7.2
8:00	64	65	71	78	89	73	5.6
9:00	68	65	65	57	62	63	4.9
10:00	31	53	46	48	39	43	3.3
11:00	35	26	42	35	39	35	2.7
Unknown	0	0	0	0	0	0	0.0
<b>Total Crashes</b>	<b>1,274</b>	<b>1,253</b>	<b>1,289</b>	<b>1,346</b>	<b>1,338</b>	<b>1,300</b>	<b>100.0</b>

Time of Day	2018	2019	2020	2021	2022	AVG.	%
12:00 Midnight	22	21	14	20	18	19	2.0
1:00	12	7	10	16	13	12	1.2
2:00	11	8	15	7	11	10	1.1
3:00	8	9	4	8	9	8	0.8
4:00	7	3	5	3	8	5	0.6
5:00	7	9	9	7	10	8	0.9
6:00	20	12	9	10	10	12	1.3
7:00	18	17	16	19	24	19	2.0
8:00	22	30	12	14	24	20	2.2
9:00	28	23	21	32	22	25	2.7
10:00	29	28	23	29	39	30	3.2
11:00	40	62	34	31	39	41	4.4
12:00 Noon	62	57	43	46	53	52	5.6
1:00	48	60	59	57	49	55	5.8
2:00	81	58	76	66	66	69	7.4
3:00	76	74	88	90	86	83	8.9
4:00	85	79	89	98	92	89	9.5
5:00	78	79	99	85	92	87	9.3
6:00	76	70	69	103	71	78	8.3
7:00	69	47	66	72	87	68	7.3
8:00	47	49	43	56	61	51	5.5
9:00	50	44	42	39	35	42	4.5
10:00	21	35	34	34	20	29	3.1
11:00	26	16	27	22	27	24	2.5
Unknown	0	0	0	0	0	0	0.0
<b>Injury Crashes</b>	<b>943</b>	<b>897</b>	<b>907</b>	<b>964</b>	<b>966</b>	<b>935</b>	<b>100.0</b>

Time of Day	2018	2019	2020	2021	2022	AVG.	%
12:00 Midnight	3	2	5	2	0	2	3.3
1:00	2	1	0	4	0	1	1.9
2:00	0	1	3	3	1	2	2.2
3:00	1	1	1	0	0	1	0.8
4:00	0	0	0	0	2	0	0.6
5:00	0	3	2	1	0	1	1.7
6:00	0	1	0	1	2	1	1.1
7:00	0	2	1	1	1	1	1.4
8:00	1	0	1	1	1	1	1.1
9:00	1	0	0	0	3	1	1.1
10:00	2	0	0	2	1	1	1.4
11:00	2	2	2	3	4	3	3.6
12:00 Noon	3	3	2	4	3	3	4.1
1:00	5	7	6	0	5	5	6.3
2:00	4	3	8	3	2	4	5.5
3:00	6	3	8	6	4	5	7.4
4:00	0	5	4	5	6	4	5.5
5:00	10	5	4	6	8	7	9.1
6:00	8	7	1	6	6	6	7.7
7:00	2	9	9	9	4	7	9.1
8:00	0	3	9	6	7	5	6.9
9:00	3	4	7	7	7	6	7.7
10:00	1	7	5	1	3	3	4.7
11:00	2	5	3	6	5	4	5.8
Unknown	0	0	0	0	0	0	0.0
<b>Fatal Crashes</b>	<b>56</b>	<b>74</b>	<b>81</b>	<b>77</b>	<b>75</b>	<b>73</b>	<b>100.0</b>

**Motorcycle Involved  
 Driver Age**

Driver Age	2018	2019	2020	2021	2022	AVG.	%
15 and Under	7	11	10	11	19	12	0.5
16	7	10	4	11	14	9	0.4
17	14	10	12	18	12	13	0.6
18	25	29	17	22	30	25	1.1
19	33	42	39	35	35	37	1.7
20	38	31	50	36	40	39	1.8
21 - 24	205	203	213	206	215	208	9.5
25 - 29	247	232	262	258	263	252	11.5
30 - 34	211	188	247	252	262	232	10.6
35 - 39	169	188	206	238	184	197	9.0
40 - 44	114	137	152	167	165	147	6.7
45 - 49	160	163	144	155	143	153	7.0
50 - 54	172	195	147	172	187	175	8.0
55 - 59	187	162	148	164	147	162	7.4
60 - 64	132	126	118	112	124	122	5.6
65 - 69	84	75	76	90	79	81	3.7
70 - 79	75	69	62	64	91	72	3.3
80 +	21	22	21	20	26	22	1.0
Unknown	218	196	272	238	236	232	10.6
<b>Total Drivers</b>	<b>2,119</b>	<b>2,089</b>	<b>2,200</b>	<b>2,269</b>	<b>2,272</b>	<b>2,190</b>	<b>100.0</b>

Driver Age	2018	2019	2020	2021	2022	AVG.	%
15 and Under	4	8	9	10	16	9	1.0
16	4	3	1	7	7	4	0.4
17	8	3	7	8	8	7	0.7
18	10	15	10	8	12	11	1.1
19	16	17	22	17	16	18	1.8
20	23	18	22	22	21	21	2.2
21 - 24	108	97	101	99	111	103	10.5
25 - 29	120	125	154	139	140	136	13.8
30 - 34	104	95	117	127	133	115	11.7
35 - 39	86	91	96	129	92	99	10.0
40 - 44	57	68	71	76	78	70	7.1
45 - 49	89	79	69	70	67	75	7.6
50 - 54	95	110	81	82	93	92	9.4
55 - 59	94	91	85	87	78	87	8.8
60 - 64	79	58	56	57	58	62	6.3
65 - 69	38	34	40	45	41	40	4.0
70 - 79	26	23	22	21	29	24	2.5
80 +	4	3	2	3	3	3	0.3
Unknown	10	7	9	11	9	9	0.9
<b>Injured Drivers</b>	<b>975</b>	<b>945</b>	<b>974</b>	<b>1,018</b>	<b>1,012</b>	<b>985</b>	<b>100.0</b>

Driver Age	2018	2019	2020	2021	2022	AVG.	%
15 and Under	0	0	0	0	0	0	0.0
16	0	0	0	1	0	0	0.3
17	1	1	1	0	0	1	0.9
18	2	1	0	0	2	1	1.4
19	0	2	0	1	0	1	0.9
20	2	0	4	1	2	2	2.6
21 - 24	8	13	9	9	11	10	14.3
25 - 29	8	17	5	15	5	10	14.3
30 - 34	6	8	12	12	13	10	14.6
35 - 39	1	5	9	8	3	5	7.4
40 - 44	3	3	4	7	8	5	7.2
45 - 49	4	5	6	7	6	6	8.0
50 - 54	7	6	3	6	9	6	8.9
55 - 59	8	5	7	3	5	6	8.0
60 - 64	1	1	7	1	7	3	4.9
65 - 69	0	3	2	3	2	2	2.9
70 - 79	3	1	5	0	1	2	2.9
80 +	0	0	1	0	1	0	0.6
Unknown	0	0	0	0	0	0	0.0
<b>Driver Fatalities</b>	<b>54</b>	<b>71</b>	<b>75</b>	<b>74</b>	<b>75</b>	<b>70</b>	<b>100.0</b>

Driver pages - all drivers involved.

**Motorcycle Involved  
 Driver Gender**

<b>Driver Gender</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>AVG.</b>	<b>%</b>
<b>Male</b>	1,530	1,542	1,586	1,664	1,670	1,598	73.0
<b>Female</b>	359	347	343	366	362	355	16.2
<b>Unknown</b>	230	200	271	239	240	236	10.8
<b>Total Drivers</b>	<b>2,119</b>	<b>2,089</b>	<b>2,200</b>	<b>2,269</b>	<b>2,272</b>	<b>2,190</b>	<b>100.0</b>

<b>Driver Gender</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>AVG.</b>	<b>%</b>
<b>Male</b>	877	847	878	924	934	892	90.6
<b>Female</b>	86	87	88	81	69	82	8.3
<b>Unknown</b>	12	11	8	13	9	11	1.1
<b>Driver Injuries</b>	<b>975</b>	<b>945</b>	<b>974</b>	<b>1,018</b>	<b>1,012</b>	<b>985</b>	<b>100.0</b>

<b>Driver Gender</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>AVG.</b>	<b>%</b>
<b>Male</b>	52	70	73	72	72	68	97.1
<b>Female</b>	2	1	2	2	2	2	2.6
<b>Unknown</b>	0	0	0	0	1	0	0.3
<b>Driver Fatalities</b>	<b>54</b>	<b>71</b>	<b>75</b>	<b>74</b>	<b>75</b>	<b>70</b>	<b>100.0</b>

Driver pages - all drivers involved.



**Motorcycle Involved  
 Driver Safety Equipment Use**

Safety Equipment	2018	2019	2020	2021	2022	AVG.	%
Not Applicable	168	175	175	170	199	177	8.1
None	134	123	187	203	204	170	7.8
Lap belt only	3	3	4	3	9	4	0.2
Shoulder belt only	9	8	3	8	7	7	0.3
Shoulder/Lap belt(s)	617	610	622	666	667	636	29.1
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	554	562	595	613	587	582	26.6
Mc/bike shield only	6	10	10	7	12	9	0.4
Mc/bike helmet & shield	379	376	331	328	314	346	15.8
Protective pads	3	2	3	2	2	2	0.1
Reflective clothing	0	0	0	0	1	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	5	4	7	4	6	5	0.2
Unknown	241	216	263	265	264	250	11.4
<b>Total Drivers</b>	<b>2,119</b>	<b>2,089</b>	<b>2,200</b>	<b>2,269</b>	<b>2,272</b>	<b>2,190</b>	<b>100.0</b>

Safety Equipment	2018	2019	2020	2021	2022	AVG.	%
Not Applicable	84	84	74	95	104	88	9.0
None	94	89	139	145	134	120	12.2
Lap belt only	1	1	2	0	2	1	0.1
Shoulder belt only	0	3	0	2	0	1	0.1
Shoulder/Lap belt(s)	46	52	59	62	59	56	5.6
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	426	417	440	431	433	429	43.6
Mc/bike shield only	3	8	8	4	6	6	0.6
Mc/bike helmet & shield	297	268	229	248	240	256	26.0
Protective pads	1	1	1	2	2	1	0.1
Reflective clothing	0	0	0	0	1	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	4	3	3	1	2	3	0.3
Unknown	19	19	19	28	29	23	2.3
<b>Driver Injuries</b>	<b>975</b>	<b>945</b>	<b>974</b>	<b>1,018</b>	<b>1,012</b>	<b>985</b>	<b>100.0</b>

Safety Equipment	2018	2019	2020	2021	2022	AVG.	%
Not Applicable	2	2	1	2	3	2	2.9
None	4	5	3	11	12	7	10.0
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	28	43	42	41	40	39	55.6
Mc/bike shield only	1	0	1	0	2	1	1.1
Mc/bike helmet & shield	18	21	28	19	15	20	28.9
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	0	0	0	0	0	0	0.0
Other	0	0	0	0	2	0	0.6
Unknown	1	0	0	1	1	1	0.9
<b>Driver Fatalities</b>	<b>54</b>	<b>71</b>	<b>75</b>	<b>74</b>	<b>75</b>	<b>70</b>	<b>100.0</b>

Driver pages - all drivers involved.

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

**Motorcycle Involved**  
**Passenger Age**

Passenger Age	2018	2019	2020	2021	2022	AVG.	%
Under 5	28	19	21	15	21	21	6.1
5 - 9	25	27	13	24	25	23	6.7
10 - 11	4	15	14	10	18	12	3.6
12 - 13	8	6	14	17	11	11	3.3
14 - 15	7	8	6	6	6	7	1.9
16 - 17	8	12	11	11	12	11	3.2
18 - 19	24	24	12	10	14	17	4.9
20 - 24	33	50	52	37	50	44	13.1
25 - 29	30	29	26	37	28	30	8.8
30 - 34	18	26	42	28	27	28	8.3
35 - 39	18	16	36	35	15	24	7.1
40 - 44	6	20	18	14	16	15	4.4
45 - 49	19	18	12	18	14	16	4.8
50 - 54	20	22	20	22	18	20	6.0
55 - 59	20	28	19	15	13	19	5.6
60 - 64	13	12	17	17	15	15	4.4
65 - 69	6	11	6	5	8	7	2.1
70 - 79	11	10	5	14	17	11	3.4
80 +	10	15	8	4	3	8	2.4
Unknown	0	0	0	0	0	0	0.0
<b>Total Passengers</b>	<b>308</b>	<b>368</b>	<b>352</b>	<b>339</b>	<b>331</b>	<b>340</b>	<b>100.0</b>

Passenger Age	2018	2019	2020	2021	2022	AVG.	%
Under 5	1	8	2	0	1	2	2.6
5 - 9	3	2	6	3	6	4	4.3
10 - 11	1	4	1	4	4	3	3.0
12 - 13	1	0	4	2	2	2	1.9
14 - 15	0	1	0	0	0	0	0.2
16 - 17	2	5	3	2	2	3	3.0
18 - 19	3	5	2	3	2	3	3.2
20 - 24	6	11	6	11	10	9	9.4
25 - 29	12	9	6	7	11	9	9.6
30 - 34	5	9	17	8	7	9	9.9
35 - 39	7	5	14	12	4	8	9.0
40 - 44	2	5	8	8	6	6	6.2
45 - 49	8	8	4	8	6	7	7.3
50 - 54	10	14	11	8	11	11	11.6
55 - 59	10	9	6	8	6	8	8.4
60 - 64	5	3	7	5	7	5	5.8
65 - 69	0	7	0	1	3	2	2.4
70 - 79	1	0	0	1	4	1	1.3
80 +	1	0	3	1	0	1	1.1
Unknown	0	0	0	0	0	0	0.0
<b>Injured Passengers</b>	<b>78</b>	<b>105</b>	<b>100</b>	<b>92</b>	<b>92</b>	<b>93</b>	<b>100.0</b>

Passenger Age	2018	2019	2020	2021	2022	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	1	2	1	0	1	26.7
25 - 29	0	1	1	0	0	0	13.3
30 - 34	1	1	1	0	0	1	20.0
35 - 39	1	0	0	0	0	0	6.7
40 - 44	0	0	0	1	0	0	6.7
45 - 49	1	0	0	0	1	0	13.3
50 - 54	0	0	0	0	0	0	0.0
55 - 59	0	1	0	0	0	0	6.7
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 +	0	1	0	0	0	0	6.7
Unknown	0	0	0	0	0	0	0.0
<b>Passenger Fatalities</b>	<b>3</b>	<b>5</b>	<b>4</b>	<b>2</b>	<b>1</b>	<b>3</b>	<b>100.0</b>

**Motorcycle Involved  
 Passenger Gender**

	2018	2019	2020	2021	2022	AVG.	%
<b>Passenger Gender</b>							
Male	108	128	130	123	138	125	36.9
Female	198	239	221	213	191	212	62.5
Unknown	2	1	1	3	2	2	0.5
<b>Total Passengers</b>	<b>308</b>	<b>368</b>	<b>352</b>	<b>339</b>	<b>331</b>	<b>340</b>	<b>100.0</b>

	2018	2019	2020	2021	2022	AVG.	%
<b>Passenger Gender</b>							
Male	15	12	21	19	22	18	19.1
Female	63	93	79	73	70	76	80.9
Unknown	0	0	0	0	0	0	0.0
<b>Passenger Injuries</b>	<b>78</b>	<b>105</b>	<b>100</b>	<b>92</b>	<b>92</b>	<b>93</b>	<b>100.0</b>

	2018	2019	2020	2021	2022	AVG.	%
<b>Passenger Gender</b>							
Male	0	0	0	0	0	0	0.0
Female	3	5	4	2	1	3	100.0
Unknown	0	0	0	0	0	0	0.0
<b>Passenger Fatalities</b>	<b>3</b>	<b>5</b>	<b>4</b>	<b>2</b>	<b>1</b>	<b>3</b>	<b>100.0</b>

**Motorcycle Involved  
 Passenger Safety Equipment Use**

Safety Equipment	2018	2019	2020	2021	2022	AVG.	%
Not Applicable	10	18	12	18	22	16	4.7
None	25	15	19	22	23	21	6.1
Lap belt only	0	3	3	3	2	2	0.6
Shoulder belt only	1	1	2	1	2	1	0.4
Shoulder/Lap belt(s)	151	203	204	194	189	188	55.4
Child/Youth restraint	0	0	0	0	0	0	0.0
Child restraint forward	21	13	11	6	10	12	3.6
Child restraint rear	6	6	5	2	5	5	1.4
Booster seat	7	3	1	5	2	4	1.1
Child restraint unk.	3	4	1	1	2	2	0.6
Mc/Bike helmet	42	53	51	44	41	46	13.6
Mc/bike shield only	1	3	1	1	2	2	0.5
Mc/bike helmet & shield	17	31	26	21	21	23	6.8
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	2	0	0	0	0	0	0.1
Unknown	22	15	16	21	10	17	4.9
<b>Total Passengers</b>	<b>308</b>	<b>368</b>	<b>352</b>	<b>339</b>	<b>331</b>	<b>340</b>	<b>100.0</b>

Safety Equipment	2018	2019	2020	2021	2022	AVG.	%
Not Applicable	5	4	4	8	5	5	5.6
None	11	9	9	13	14	11	12.0
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)	9	14	24	10	15	14	15.4
Child/Youth restraint	0	0	0	0	0	0	0.0
Child restraint forward	1	1	0	0	0	0	0.4
Child restraint rear	1	3	0	0	0	1	0.9
Booster seat	1	1	0	1	0	1	0.6
Child restraint unk.	0	1	0	0	2	1	0.6
Mc/Bike helmet	30	41	36	39	34	36	38.5
Mc/bike shield only	1	3	1	0	1	1	1.3
Mc/bike helmet & shield	14	26	24	19	18	20	21.6
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	5	2	2	2	3	3	3.0
<b>Passenger Injuries</b>	<b>78</b>	<b>105</b>	<b>100</b>	<b>92</b>	<b>92</b>	<b>93</b>	<b>100.0</b>

Safety Equipment	2018	2019	2020	2021	2022	AVG.	%
Not Applicable	0	0	0	0	0	0	0.0
None	1	0	1	1	0	1	20.0
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	1	0	0	0	0	6.7
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	2	1	3	0	1	1	46.7
Mc/bike shield only	0	0	0	0	0	0	0.0
Mc/bike helmet & shield	0	3	0	1	0	1	26.7
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	0	0	0	0	0.0
<b>Passenger Fatalities</b>	<b>3</b>	<b>5</b>	<b>4</b>	<b>2</b>	<b>1</b>	<b>3</b>	<b>100.0</b>

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

**Motorcycle Involved  
 Non-Motorist Age**

Non-Motorist Age	2018	2019	2020	2021	2022	AVG.	%
Under 5	1	0	0	0	2	1	3.8
5 - 9	1	0	0	0	0	0	1.3
10 - 15	2	0	2	2	2	2	10.3
16 - 17	1	0	0	0	0	0	1.3
18 - 19	1	0	0	0	0	0	1.3
20 - 24	0	3	2	2	0	1	9.0
25 - 29	3	1	2	1	3	2	12.8
30 - 34	4	2	3	1	1	2	14.1
35 - 39	1	1	2	1	1	1	7.7
40 - 44	0	1	2	1	0	1	5.1
45 - 49	0	2	0	1	1	1	5.1
50 - 54	0	1	2	0	1	1	5.1
55 - 59	3	0	4	1	0	2	10.3
60 - 64	1	0	1	2	1	1	6.4
65 - 69	1	0	1	0	1	1	3.8
70 - 79	0	0	0	1	1	0	2.6
80 +	0	0	0	0	0	0	0.0
Unknown	0	0	0	0	0	0	0.0
<b>Total Non-Motorists</b>	<b>19</b>	<b>11</b>	<b>21</b>	<b>13</b>	<b>14</b>	<b>16</b>	<b>100.0</b>

Non-Motorist Age	2018	2019	2020	2021	2022	AVG.	%
Under 5	1	0	0	0	1	0	3.4
5 - 9	1	0	0	0	0	0	1.7
10 - 15	2	0	2	1	1	1	10.2
16 - 17	1	0	0	0	0	0	1.7
18 - 19	1	0	0	0	0	0	1.7
20 - 24	0	2	2	1	0	1	8.5
25 - 29	2	1	2	0	2	1	11.9
30 - 34	3	1	3	1	1	2	15.3
35 - 39	1	1	2	0	0	1	6.8
40 - 44	0	1	1	1	0	1	5.1
45 - 49	0	2	0	1	1	1	6.8
50 - 54	0	0	2	0	1	1	5.1
55 - 59	3	0	3	0	0	1	10.2
60 - 64	1	0	0	1	1	1	5.1
65 - 69	1	0	1	0	1	1	5.1
70 - 79	0	0	0	1	0	0	1.7
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>8</b>	<b>18</b>	<b>7</b>	<b>9</b>	<b>12</b>	<b>100.0</b>

Non-Motorist Age	2018	2019	2020	2021	2022	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	0	0	0	0	0	0.0
18 - 19	0	0	0	0	0	0	0.0
20 - 24	0	0	0	1	0	0	14.3
25 - 29	1	0	0	0	0	0	14.3
30 - 34	0	0	0	0	0	0	0.0
35 - 39	0	0	0	1	0	0	14.3
40 - 44	0	0	1	0	0	0	14.3
45 - 49	0	0	0	0	0	0	0.0
50 - 54	0	1	0	0	0	0	14.3
55 - 59	0	0	1	0	0	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	0	0	0	0	1	0	14.3
80 +	0	0	0	0	0	0	0.0
Unknown	0	0	0	0	0	0	0.0
<b>Non-Motor. Fatalities</b>	<b>1</b>	<b>1</b>	<b>2</b>	<b>2</b>	<b>1</b>	<b>1</b>	<b>100.0</b>

**Motorcycle Involved  
 Non-Motorist Gender**

	2018	2019	2020	2021	2022	AVG.	%
<b>Non-Motorist Gender</b>							
Male	12	6	16	6	10	10	64.1
Female	7	5	5	7	4	6	35.9
Unknown	0	0	0	0	0	0	0.0
<b>Total Non-Motorists</b>	19	11	21	13	14	16	100.0

	2018	2019	2020	2021	2022	AVG.	%
<b>Non-Motorist Gender</b>							
Male	10	6	14	4	6	8	67.8
Female	7	2	4	3	3	4	32.2
Unknown	0	0	0	0	0	0	0.0
<b>Non-Motorist Injuries</b>	17	8	18	7	9	12	100.0

	2018	2019	2020	2021	2022	AVG.	%
<b>Non-Motorist Gender</b>							
Male	1	0	1	1	0	1	42.9
Female	0	1	1	1	1	1	57.1
Unknown	0	0	0	0	0	0	0.0
<b>Non-Motorist Fatalities</b>	1	1	2	2	1	1	100.0

**Motorcycle Involved  
Non-Motorist Location**

Non-Motorist Location	2018	2019	2020	2021	2022	AVG.	%
Not App.	2	0	2	4	1	2	11.5
Shoulder	0	2	2	1	0	1	6.4
Curb	0	0	0	0	1	0	1.3
Sidewalk	0	0	0	1	5	1	7.7
Outside Right of Way	1	1	0	1	0	1	3.8
On Rd. at Crosswalk	0	4	0	1	1	1	7.7
On Rd. Not at Cross.	13	0	9	4	5	6	39.7
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	1	1	0	0	0	0	2.6
At Inter No Crosswalk	1	0	0	0	0	0	1.3
Driveway Access	0	0	0	0	0	0	0.0
Median	0	1	0	1	0	0	2.6
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.	1	2	8	0	1	2	15.4
<b>Total Non-Motorists</b>	<b>19</b>	<b>11</b>	<b>21</b>	<b>13</b>	<b>14</b>	<b>16</b>	<b>100.0</b>

Non-Motorist Location	2018	2019	2020	2021	2022	AVG.	%
Not App.	1	0	1	1	1	1	6.8
Shoulder	0	0	2	1	0	1	5.1
Curb	0	0	0	0	1	0	1.7
Sidewalk	0	0	0	1	3	1	6.8
Outside Right of Way	1	1	0	0	0	0	3.4
On Rd. at Crosswalk	0	3	0	1	1	1	8.5
On Rd. Not at Cross.	12	0	8	2	3	5	42.4
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	1	1	0	0	0	0	3.4
At Inter No Crosswalk	1	0	0	0	0	0	1.7
Driveway Access	0	0	0	0	0	0	0.0
Median	0	1	0	1	0	0	3.4
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.	1	2	7	0	0	2	16.9
<b>Injured Non-Motorists</b>	<b>17</b>	<b>8</b>	<b>18</b>	<b>7</b>	<b>9</b>	<b>12</b>	<b>100.0</b>

Non-Motorist Location	2018	2019	2020	2021	2022	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	1	0	14.3
Outside Right of Way	0	0	0	0	0	0	0.0
On Rd. at Crosswalk	0	1	0	0	0	0	14.3
On Rd. Not at Cross.	1	0	1	2	0	1	57.1
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	0	0	0.0
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	1	0	0	0	14.3
<b>Non-Motorist Fatalities</b>	<b>1</b>	<b>1</b>	<b>2</b>	<b>2</b>	<b>1</b>	<b>1</b>	<b>100.0</b>

**Motorcycle Involved  
 Non-Motorist Movement**

Non-Motorist Movement	2018	2019	2020	2021	2022	AVG.	%
Cross. at Intersection	3	4	1	2	2	2	15.4
Cross. Not at Inter.	5	1	4	3	3	3	20.5
Walk/Ride with Traff.	3	0	4	1	0	2	10.3
Walk/Ride against Tra.	0	0	0	0	0	0	0.0
Playing	1	0	0	0	0	0	1.3
Standing	3	3	4	2	5	3	21.8
Getting On/Off Veh.	0	0	0	0	0	0	0.0
Push/Work on Veh.	0	1	1	0	0	0	2.6
Other Working	0	0	3	0	0	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	0	0	0.0
Other / Unknown	4	2	4	5	4	4	24.4
<b>Total Non-Motorists</b>	<b>19</b>	<b>11</b>	<b>21</b>	<b>13</b>	<b>14</b>	<b>16</b>	<b>100.0</b>

Non-Motorist Movement	2018	2019	2020	2021	2022	AVG.	%
Cross. at Intersection	3	3	1	1	2	2	16.9
Cross. Not at Inter.	5	1	3	3	2	3	23.7
Walk/Ride with Traff.	2	0	3	1	0	1	10.2
Walk/Ride against Tra.	0	0	0	0	0	0	0.0
Playing	1	0	0	0	0	0	1.7
Standing	3	1	4	2	3	3	22.0
Getting On/Off Veh.	0	0	0	0	0	0	0.0
Push/Work on Veh.	0	1	1	0	0	0	3.4
Other Working	0	0	3	0	0	1	5.1
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	0	0	0	0	0	0	0.0
Other / Unknown	3	2	3	0	2	2	16.9
<b>Injured Non-Motorists</b>	<b>17</b>	<b>8</b>	<b>18</b>	<b>7</b>	<b>9</b>	<b>12</b>	<b>100.0</b>

Non-Motorist Movement	2018	2019	2020	2021	2022	AVG.	%
Cross. at Intersection	0	1	0	1	0	0	28.6
Cross. Not at Inter.	0	0	1	0	0	0	14.3
Walk/Ride with Traff.	1	0	0	0	0	0	14.3
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	1	0	14.3
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	1	1	0	0	28.6
<b>Non-Motorist Fatalities</b>	<b>1</b>	<b>1</b>	<b>2</b>	<b>2</b>	<b>1</b>	<b>1</b>	<b>100.0</b>