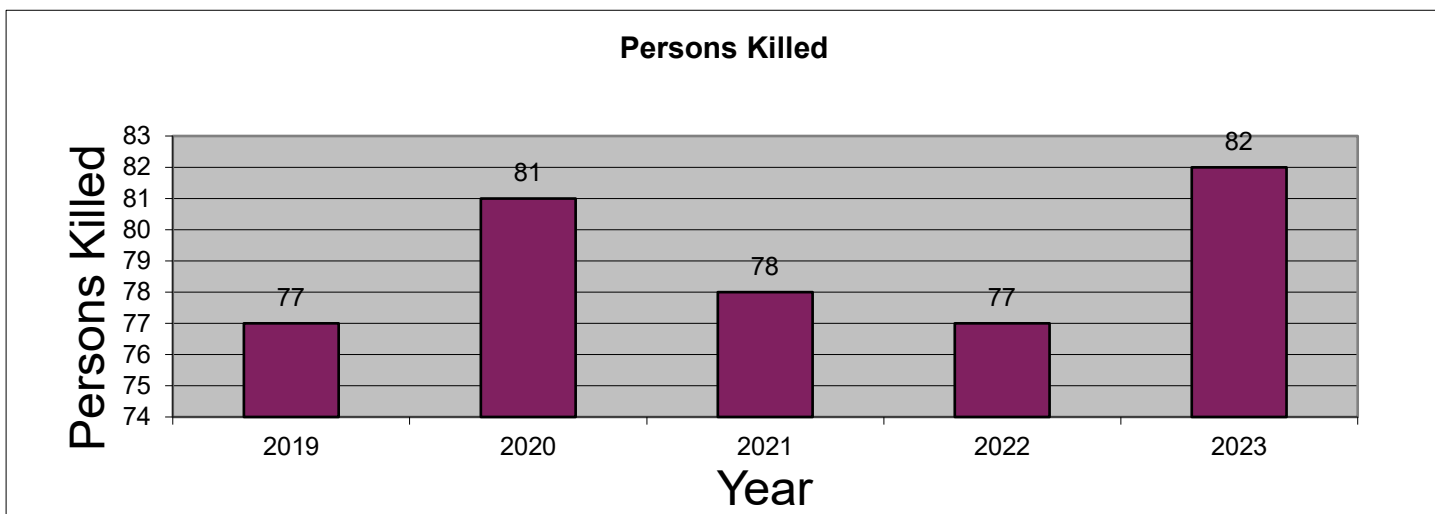
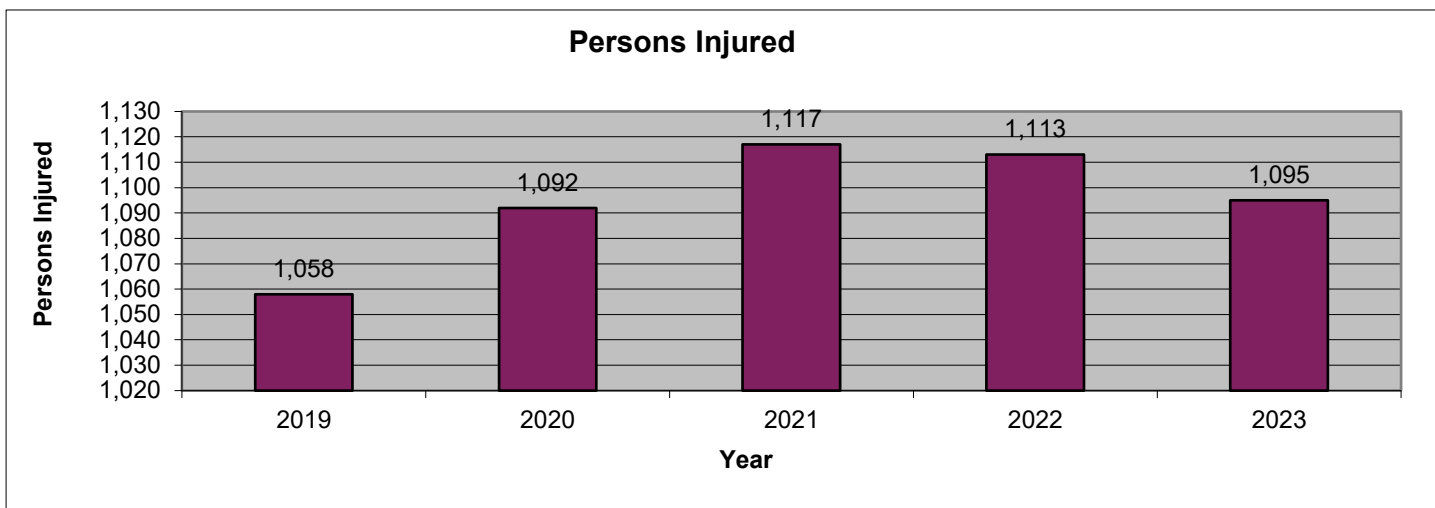
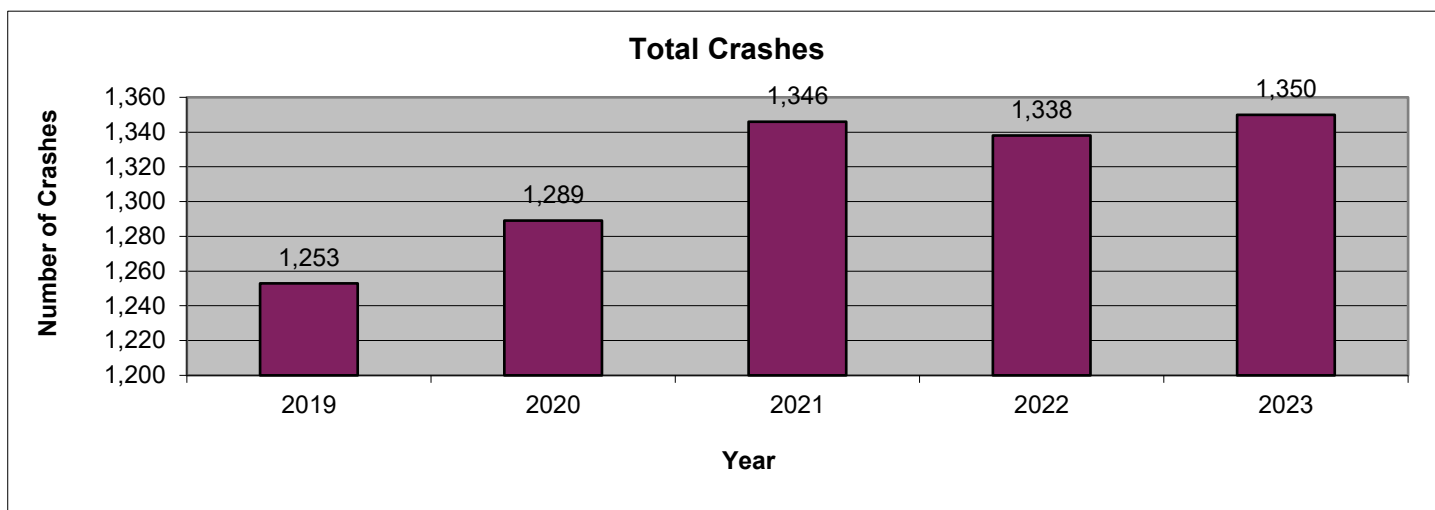


Motorcycle Involved Crash Summary

	2019	2020	2021	2022	2023	5 Year AVG.	%
Fatal Crashes	74	81	77	75	80	77	5.9
Injury Crashes	897	907	964	966	947	936	71.2
Property Damage Crashes	282	301	305	297	323	302	22.9
Total Crashes	1,253	1,289	1,346	1,338	1,350	1,315	100.0
Total of All Fatalities	77	81	78	77	82	79	
Total Number Injured	1,058	1,092	1,117	1,113	1,095	1,095	



2023 is subject to change. Data are based on reports provided by the Maryland State Police Central Records Division (CRD). 2023 crash reports submitted to CRD during calendar year 2024 (up to Dec. 31, 2024) 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, 2024.

Motorcycle Involved Route Type

Route Type	2019	2020	2021	2022	2023	AVG.	%
IS	140	138	123	125	143	134	10.2
US	132	131	155	132	149	140	10.6
MD	435	439	458	488	492	462	35.2
CO	347	338	369	343	299	339	25.8
MU	70	91	77	81	83	80	6.1
GV	1	1	2	0	0	1	0.1
SR	2	0	1	0	2	1	0.1
OP	4	2	6	7	4	5	0.3
Balto. City CY	0	0	0	0	0	0	0.0
Parking Lots	28	27	27	25	30	27	2.1
Unknown	94	122	128	137	148	126	9.6
Total Crashes	1,253	1,289	1,346	1,338	1,350	1,315	100.0

Route Type	2019	2020	2021	2022	2023	AVG.	%
IS	93	88	85	83	92	88	9.4
US	98	93	113	97	102	101	10.7
MD	320	313	321	363	357	335	35.8
CO	256	248	286	263	210	253	27.0
MU	50	63	56	57	59	57	6.1
GV	1	0	1	0	0	0	0.0
SR	1	0	1	0	1	1	0.1
OP	4	0	5	5	4	4	0.4
Balto. City CY	0	0	0	0	0	0	0.0
Parking Lots	11	15	13	9	13	12	1.3
Unknown	63	87	83	89	109	86	9.2
Injury Crashes	897	907	964	966	947	936	100.0

Route Type	2019	2020	2021	2022	2023	AVG.	%
IS	8	9	8	7	10	8	10.9
US	12	5	14	9	11	10	13.2
MD	30	39	32	43	40	37	47.5
CO	16	24	18	10	14	16	21.2
MU	2	3	1	6	3	3	3.9
GV	0	0	0	0	0	0	0.0
SR	0	0	0	0	1	0	0.3
OP	0	0	1	0	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	6	1	3	0	1	2	2.8
Fatal Crashes	74	81	77	75	80	77	100.0

**Motorcycle Involved
 County**

County	2019	2020	2021	2022	2023	AVG.	%
Allegany	13	16	21	16	21	17	1.3
Anne Arundel	129	137	135	129	148	136	10.3
Baltimore	179	182	191	203	175	186	14.1
Calvert	19	23	21	24	24	22	1.7
Caroline	7	6	3	8	8	6	0.5
Carroll	45	36	28	43	28	36	2.7
Cecil	39	46	39	48	47	44	3.3
Charles	53	50	50	53	38	49	3.7
Dorchester	12	7	9	8	12	10	0.7
Frederick	67	78	75	95	80	79	6.0
Garrett	9	13	7	10	14	11	0.8
Harford	53	51	73	76	69	64	4.9
Howard	44	37	48	46	50	45	3.4
Kent	3	3	2	7	5	4	0.3
Montgomery	135	99	109	111	125	116	8.8
Prince George's	170	201	203	161	183	184	14.0
Queen Anne's	11	13	13	12	16	13	1.0
St. Mary's	33	26	47	40	43	38	2.9
Somerset	4	2	5	5	2	4	0.3
Talbot	4	2	9	14	8	7	0.6
Washington	46	61	52	45	53	51	3.9
Wicomico	44	29	42	24	29	34	2.6
Worcester	38	31	32	30	38	34	2.6
Baltimore City	96	140	132	130	134	126	9.6
Total Crashes	1,253	1,289	1,346	1,338	1,350	1,315	100.0

County	2019	2020	2021	2022	2023	AVG.	%
Allegany	11	13	20	13	17	15	1.6
Anne Arundel	100	92	104	98	110	101	10.8
Baltimore	128	128	136	141	124	131	14.0
Calvert	15	16	15	17	16	16	1.7
Caroline	5	5	2	5	7	5	0.5
Carroll	33	23	23	34	21	27	2.9
Cecil	29	36	26	36	36	33	3.5
Charles	38	36	33	39	27	35	3.7
Dorchester	7	6	8	6	10	7	0.8
Frederick	54	55	54	66	55	57	6.1
Garrett	7	8	6	7	9	7	0.8
Harford	36	43	50	58	47	47	5.0
Howard	33	25	39	39	34	34	3.6
Kent	2	2	1	5	4	3	0.3
Montgomery	94	67	69	87	83	80	8.5
Prince George's	107	118	130	93	109	111	11.9
Queen Anne's	8	12	11	9	13	11	1.1
St. Mary's	25	20	37	32	38	30	3.2
Somerset	3	2	3	4	2	3	0.3
Talbot	3	2	6	12	6	6	0.6
Washington	36	44	37	31	35	37	3.9
Wicomico	30	25	34	17	20	25	2.7
Worcester	30	26	25	23	29	27	2.8
Baltimore City	63	103	95	94	95	90	9.6
Injury Crashes	897	907	964	966	947	936	100.0

County	2019	2020	2021	2022	2023	AVG.	%
Allegany	0	1	0	1	1	1	0.8
Anne Arundel	9	11	4	7	6	7	9.6
Baltimore	12	12	11	11	11	11	14.7
Calvert	1	2	2	3	2	2	2.6
Caroline	0	0	0	1	1	0	0.5
Carroll	0	4	2	1	0	1	1.8
Cecil	4	2	3	6	1	3	4.1
Charles	3	3	3	5	4	4	4.7
Dorchester	1	1	0	0	0	0	0.5
Frederick	6	7	6	4	7	6	7.8
Garrett	1	3	1	2	1	2	2.1
Harford	5	2	2	2	6	3	4.4
Howard	1	4	4	2	6	3	4.4
Kent	0	0	0	1	0	0	0.3
Montgomery	5	5	10	3	6	6	7.5
Prince George's	11	13	13	9	15	12	15.8
Queen Anne's	0	1	1	1	1	1	1.0
St. Mary's	3	2	3	1	3	2	3.1
Somerset	0	0	2	0	0	0	0.5
Talbot	0	0	0	1	0	0	0.3
Washington	1	3	1	3	2	2	2.6
Wicomico	5	1	2	1	1	2	2.6
Worcester	2	1	3	2	0	2	2.1
Baltimore City	4	3	4	8	6	5	6.5
Fatal Crashes	74	81	77	75	80	77	100.0

Motorcycle Involved
Month

Month	2019	2020	2021	2022	2023	AVG.	%
January	20	32	19	10	44	25	1.9
February	31	26	15	36	49	31	2.4
March	71	93	101	69	54	78	5.9
April	116	74	121	113	127	110	8.4
May	163	160	153	164	163	161	12.2
June	182	152	170	188	159	170	12.9
July	157	182	183	173	166	172	13.1
August	178	162	158	188	188	175	13.3
September	177	172	208	196	160	183	13.9
October	95	134	125	104	133	118	9.0
November	42	83	58	70	71	65	4.9
December	21	19	35	27	36	28	2.1
Unknown	0	0	0	0	0	0	0.0
Total Crashes	1,253	1,289	1,346	1,338	1,350	1,315	100.0

Month	2019	2020	2021	2022	2023	AVG.	%
January	10	24	11	6	29	16	1.7
February	20	16	8	22	35	20	2.2
March	56	72	72	50	44	59	6.3
April	79	49	86	87	83	77	8.2
May	118	106	104	115	103	109	11.7
June	130	113	138	141	109	126	13.5
July	113	130	137	128	116	125	13.3
August	121	104	114	137	141	123	13.2
September	136	128	140	155	116	135	14.4
October	71	87	92	67	99	83	8.9
November	31	65	38	42	48	45	4.8
December	12	13	24	16	24	18	1.9
Unknown	0	0	0	0	0	0	0.0
Injury Crashes	897	907	964	966	947	936	100.0

Month	2019	2020	2021	2022	2023	AVG.	%
January	3	0	1	0	1	1	1.3
February	3	0	0	3	1	1	1.8
March	2	3	5	5	2	3	4.4
April	4	4	7	7	7	6	7.5
May	8	16	6	11	9	10	12.9
June	9	8	8	7	12	9	11.4
July	8	11	11	8	13	10	13.2
August	19	12	12	14	13	14	18.1
September	8	9	16	9	8	10	12.9
October	6	14	7	8	6	8	10.6
November	1	4	4	3	7	4	4.9
December	3	0	0	0	1	1	1.0
Unknown	0	0	0	0	0	0	0.0
Fatal Crashes	74	81	77	75	80	77	100.0

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

July 8, 2024

Motorcycle Involved
Day of Week

Day of Week	2019	2020	2021	2022	2023	AVG.	%
Monday	115	153	129	132	128	131	10.0
Tuesday	138	127	135	150	182	146	11.1
Wednesday	129	151	165	174	191	162	12.3
Thursday	156	127	181	141	177	156	11.9
Friday	192	174	202	208	183	192	14.6
Saturday	271	296	271	300	251	278	21.1
Sunday	252	261	263	233	238	249	19.0
Unknown	0	0	0	0	0	0	0.0
Total Crashes	1,253	1,289	1,346	1,338	1,350	1,315	100.0

Day of Week	2019	2020	2021	2022	2023	AVG.	%
Monday	84	110	91	98	94	95	10.2
Tuesday	97	89	97	108	122	103	11.0
Wednesday	88	106	110	119	130	111	11.8
Thursday	117	82	132	106	132	114	12.2
Friday	147	122	151	149	132	140	15.0
Saturday	188	211	200	218	173	198	21.1
Sunday	176	187	183	168	164	176	18.8
Unknown	0	0	0	0	0	0	0.0
Injury Crashes	897	907	964	966	947	936	100.0

Day of Week	2019	2020	2021	2022	2023	AVG.	%
Monday	9	11	6	4	9	8	10.1
Tuesday	12	13	4	4	9	8	10.9
Wednesday	5	7	6	16	11	9	11.6
Thursday	2	9	10	7	11	8	10.1
Friday	10	7	14	11	9	10	13.2
Saturday	19	19	21	18	15	18	23.8
Sunday	17	15	16	15	16	16	20.4
Unknown	0	0	0	0	0	0	0.0
Fatal Crashes	74	81	77	75	80	77	100.0

Motorcycle Involved
Time of Day

Time of Day	2019	2020	2021	2022	2023	AVG.	%
12:00 Midnight	32	28	28	27	26	28	2.1
1:00	13	15	23	17	28	19	1.5
2:00	14	25	13	21	11	17	1.3
3:00	13	7	12	9	11	10	0.8
4:00	7	7	5	12	6	7	0.6
5:00	14	13	13	13	13	13	1.0
6:00	16	12	18	16	24	17	1.3
7:00	27	22	23	33	31	27	2.1
8:00	37	19	21	27	32	27	2.1
9:00	35	26	45	32	30	34	2.6
10:00	32	36	42	44	54	42	3.2
11:00	72	46	43	49	57	53	4.1
12:00 Noon	75	58	65	69	52	64	4.9
1:00	86	86	69	72	67	76	5.8
2:00	82	103	91	84	96	91	6.9
3:00	95	118	122	120	135	118	9.0
4:00	104	118	128	125	120	119	9.0
5:00	114	133	120	134	119	124	9.4
6:00	102	98	144	96	111	110	8.4
7:00	74	95	103	109	115	99	7.5
8:00	65	71	78	89	79	76	5.8
9:00	65	65	57	62	60	62	4.7
10:00	53	46	48	39	31	43	3.3
11:00	26	42	35	39	42	37	2.8
Unknown	0	0	0	0	0	0	0.0
Total Crashes	1,253	1,289	1,346	1,338	1,350	1,315	100.0

Time of Day	2019	2020	2021	2022	2023	AVG.	%
12:00 Midnight	21	14	20	18	15	18	1.9
1:00	7	10	16	13	23	14	1.5
2:00	8	15	7	11	6	9	1.0
3:00	9	4	8	9	6	7	0.8
4:00	3	5	3	8	4	5	0.5
5:00	9	9	7	10	9	9	0.9
6:00	12	9	10	10	14	11	1.2
7:00	17	16	19	24	25	20	2.2
8:00	30	12	14	24	24	21	2.2
9:00	23	21	32	22	22	24	2.6
10:00	28	23	29	39	35	31	3.3
11:00	62	34	31	39	39	41	4.4
12:00 Noon	57	43	46	53	38	47	5.1
1:00	60	59	57	49	53	56	5.9
2:00	58	76	66	66	79	69	7.4
3:00	74	88	90	86	100	88	9.4
4:00	79	89	98	92	86	89	9.5
5:00	79	99	85	92	84	88	9.4
6:00	70	69	103	71	72	77	8.2
7:00	47	66	72	87	77	70	7.5
8:00	49	43	56	61	53	52	5.6
9:00	44	42	39	35	40	40	4.3
10:00	35	34	34	20	17	28	3.0
11:00	16	27	22	27	26	24	2.5
Unknown	0	0	0	0	0	0	0.0
Injury Crashes	897	907	964	966	947	936	100.0

Time of Day	2019	2020	2021	2022	2023	AVG.	%
12:00 Midnight	2	5	2	0	1	2	2.6
1:00	1	0	4	0	1	1	1.6
2:00	1	3	3	1	1	2	2.3
3:00	1	1	0	0	1	1	0.8
4:00	0	0	0	2	0	0	0.5
5:00	3	2	1	0	0	1	1.6
6:00	1	0	1	2	1	1	1.3
7:00	2	1	1	1	1	1	1.6
8:00	0	1	1	1	1	1	1.0
9:00	0	0	0	3	1	1	1.0
10:00	0	0	2	1	0	1	0.8
11:00	2	2	3	4	2	3	3.4
12:00 Noon	3	2	4	3	2	3	3.6
1:00	7	6	0	5	2	4	5.2
2:00	3	8	3	2	2	4	4.7
3:00	3	8	6	4	9	6	7.8
4:00	5	4	5	6	7	5	7.0
5:00	5	4	6	8	8	6	8.0
6:00	7	1	6	6	10	6	7.8
7:00	9	9	9	4	10	8	10.6
8:00	3	9	6	7	9	7	8.8
9:00	4	7	7	7	7	6	8.3
10:00	7	5	1	3	2	4	4.7
11:00	5	3	6	5	2	4	5.4
Unknown	0	0	0	0	0	0	0.0
Fatal Crashes	74	81	77	75	80	77	100.0

**Motorcycle Involved
 Driver Age**

Driver Age	2019	2020	2021	2022	2023	AVG.	%
15 and Under	11	10	11	19	10	12	0.5
16	10	4	11	14	13	10	0.5
17	10	12	18	12	17	14	0.6
18	29	17	22	30	38	27	1.2
19	42	39	35	35	60	42	1.9
20	31	50	36	40	50	41	1.9
21 - 24	203	213	206	215	198	207	9.3
25 - 29	232	262	258	263	227	248	11.2
30 - 34	188	247	252	262	251	240	10.8
35 - 39	188	206	238	184	202	204	9.2
40 - 44	137	152	167	165	152	155	7.0
45 - 49	163	144	155	143	143	150	6.7
50 - 54	195	147	172	187	156	171	7.7
55 - 59	162	148	164	147	155	155	7.0
60 - 64	126	118	112	124	136	123	5.5
65 - 69	75	76	90	79	89	82	3.7
70 - 79	69	62	64	91	72	72	3.2
80 +	22	21	20	26	26	23	1.0
Unknown	196	272	238	236	284	245	11.0
Total Drivers	2,089	2,200	2,269	2,272	2,279	2,222	100.0

Driver Age	2019	2020	2021	2022	2023	AVG.	%
15 and Under	8	9	10	16	6	10	1.0
16	3	1	7	7	7	5	0.5
17	3	7	8	8	5	6	0.6
18	15	10	8	12	24	14	1.4
19	17	22	17	16	34	21	2.1
20	18	22	22	21	24	21	2.2
21 - 24	97	101	99	111	109	103	10.4
25 - 29	125	154	139	140	123	136	13.7
30 - 34	95	117	127	133	122	119	12.0
35 - 39	91	96	129	92	110	104	10.5
40 - 44	68	71	76	78	71	73	7.3
45 - 49	79	69	70	67	69	71	7.1
50 - 54	110	81	82	93	81	89	9.0
55 - 59	91	85	87	78	72	83	8.3
60 - 64	58	56	57	58	66	59	6.0
65 - 69	34	40	45	41	38	40	4.0
70 - 79	23	22	21	29	23	24	2.4
80 +	3	2	3	3	6	3	0.3
Unknown	7	9	11	9	17	11	1.1
Injured Drivers	945	974	1,018	1,012	1,007	991	100.0

Driver Age	2019	2020	2021	2022	2023	AVG.	%
15 and Under	0	0	0	0	0	0	0.0
16	0	0	1	0	0	0	0.3
17	1	1	0	0	0	0	0.5
18	1	0	0	2	0	1	0.8
19	2	0	1	0	3	1	1.6
20	0	4	1	2	1	2	2.1
21 - 24	13	9	9	11	10	10	13.9
25 - 29	17	5	15	5	13	11	14.7
30 - 34	8	12	12	13	12	11	15.3
35 - 39	5	9	8	3	6	6	8.3
40 - 44	3	4	7	8	7	6	7.8
45 - 49	5	6	7	6	5	6	7.8
50 - 54	6	3	6	9	7	6	8.3
55 - 59	5	7	3	5	8	6	7.5
60 - 64	1	7	1	7	4	4	5.4
65 - 69	3	2	3	2	0	2	2.7
70 - 79	1	5	0	1	2	2	2.4
80 +	0	1	0	1	0	0	0.5
Unknown	0	0	0	0	0	0	0.0
Driver Fatalities	71	75	74	75	78	75	100.0

Driver pages - all drivers involved.

**Motorcycle Involved
 Driver Gender**

Driver Gender	2019	2020	2021	2022	2023	AVG.	%
Male	1,542	1,586	1,664	1,670	1,605	1,613	72.6
Female	347	343	366	362	393	362	16.3
Unknown	200	271	239	240	281	246	11.1
Total Drivers	2,089	2,200	2,269	2,272	2,279	2,222	100.0

Driver Gender	2019	2020	2021	2022	2023	AVG.	%
Male	847	878	924	934	895	896	90.4
Female	87	88	81	69	96	84	8.5
Unknown	11	8	13	9	16	11	1.2
Driver Injuries	945	974	1,018	1,012	1,007	991	100.0

Driver Gender	2019	2020	2021	2022	2023	AVG.	%
Male	70	73	72	72	73	72	96.5
Female	1	2	2	2	5	2	3.2
Unknown	0	0	0	1	0	0	0.3
Driver Fatalities	71	75	74	75	78	75	100.0

Driver pages - all drivers involved.

**Motorcycle Involved
Driver Safety Equipment Use**

Safety Equipment	2019	2020	2021	2022	2023	AVG.	%
Not Applicable	175	175	170	199	202	184	8.3
None	123	187	203	204	206	185	8.3
Lap belt only	3	4	3	9	8	5	0.2
Shoulder belt only	8	3	8	7	3	6	0.3
Shoulder/Lap belt(s)	610	622	666	667	679	649	29.2
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	562	595	613	587	578	587	26.4
Mc/bike shield only	10	10	7	12	11	10	0.5
Mc/bike helmet & shield	376	331	328	314	305	331	14.9
Protective pads	2	3	2	2	2	2	0.1
Reflective clothing	0	0	0	1	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	7	4	6	3	5	0.2
Unknown	216	263	265	264	281	258	11.6
Total Drivers	2,089	2,200	2,269	2,272	2,279	2,222	100.0

Safety Equipment	2019	2020	2021	2022	2023	AVG.	%
Not Applicable	84	74	95	104	97	91	9.2
None	89	139	145	134	143	130	13.1
Lap belt only	1	2	0	2	3	2	0.2
Shoulder belt only	3	0	2	0	0	1	0.1
Shoulder/Lap belt(s)	52	59	62	59	68	60	6.1
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	417	440	431	433	414	427	43.1
Mc/bike shield only	8	8	4	6	8	7	0.7
Mc/bike helmet & shield	268	229	248	240	234	244	24.6
Protective pads	1	1	2	2	1	1	0.1
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	3	1	2	1	2	0.2
Unknown	19	19	28	29	38	27	2.7
Driver Injuries	945	974	1,018	1,012	1,007	991	100.0

Safety Equipment	2019	2020	2021	2022	2023	AVG.	%
Not Applicable	2	1	2	3	1	2	2.4
None	5	3	11	12	8	8	10.5
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	2	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	0	0	0	0	0	0.0
Mc/Bike helmet	43	42	41	40	53	44	58.7
Mc/bike shield only	0	1	0	2	0	1	0.8
Mc/bike helmet & shield	21	28	19	15	13	19	25.7
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	2	0	0	0.5
Unknown	0	0	1	1	1	1	0.8
Driver Fatalities	71	75	74	75	78	75	100.0

Driver pages - all drivers involved.

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

**Motorcycle Involved
 Passenger Age**

Passenger Age	2019	2020	2021	2022	2023	AVG.	%
Under 5	19	21	15	21	24	20	5.7
5 - 9	27	13	24	25	16	21	6.0
10 - 11	15	14	10	18	12	14	3.9
12 - 13	6	14	17	11	18	13	3.8
14 - 15	8	6	6	6	16	8	2.4
16 - 17	12	11	11	12	28	15	4.2
18 - 19	24	12	10	14	24	17	4.8
20 - 24	50	52	37	50	40	46	13.1
25 - 29	29	26	37	28	29	30	8.5
30 - 34	26	42	28	27	21	29	8.2
35 - 39	16	36	35	15	27	26	7.4
40 - 44	20	18	14	16	21	18	5.1
45 - 49	18	12	18	14	11	15	4.2
50 - 54	22	20	22	18	16	20	5.6
55 - 59	28	19	15	13	18	19	5.3
60 - 64	12	17	17	15	10	14	4.1
65 - 69	11	6	5	8	9	8	2.2
70 - 79	10	5	14	17	10	11	3.2
80 +	15	8	4	3	9	8	2.2
Unknown	0	0	0	0	0	0	0.0
Total Passengers	368	352	339	331	359	350	100.0

Passenger Age	2019	2020	2021	2022	2023	AVG.	%
Under 5	8	2	0	1	5	3	3.4
5 - 9	2	6	3	6	0	3	3.6
10 - 11	4	1	4	4	2	3	3.2
12 - 13	0	4	2	2	0	2	1.7
14 - 15	1	0	0	0	1	0	0.4
16 - 17	5	3	2	2	5	3	3.6
18 - 19	5	2	3	2	5	3	3.6
20 - 24	11	6	11	10	8	9	9.9
25 - 29	9	6	7	11	8	8	8.8
30 - 34	9	17	8	7	9	10	10.7
35 - 39	5	14	12	4	8	9	9.2
40 - 44	5	8	8	6	4	6	6.6
45 - 49	8	4	8	6	1	5	5.8
50 - 54	14	11	8	11	5	10	10.5
55 - 59	9	6	8	6	9	8	8.1
60 - 64	3	7	5	7	2	5	5.1
65 - 69	7	0	1	3	4	3	3.2
70 - 79	0	0	1	4	0	1	1.1
80 +	0	3	1	0	2	1	1.3
Unknown	0	0	0	0	0	0	0.0
Injured Passengers	105	100	92	92	78	93	100.0

Passenger Age	2019	2020	2021	2022	2023	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	1	2	1	0	1	1	33.3
25 - 29	1	1	0	0	0	0	13.3
30 - 34	1	1	0	0	0	0	13.3
35 - 39	0	0	0	0	1	0	6.7
40 - 44	0	0	1	0	0	0	6.7
45 - 49	0	0	0	1	0	0	6.7
50 - 54	0	0	0	0	0	0	0.0
55 - 59	1	0	0	0	1	0	13.3
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	0	0	0.0
80 +	1	0	0	0	0	0	6.7
Unknown	0	0	0	0	0	0	0.0
Passenger Fatalities	5	4	2	1	3	3	100.0

**Motorcycle Involved
 Passenger Gender**

	2019	2020	2021	2022	2023	AVG.	%
Passenger Gender							
Male	128	130	123	138	170	138	39.4
Female	239	221	213	191	182	209	59.8
Unknown	1	1	3	2	7	3	0.8
Total Passengers	368	352	339	331	359	350	100.0

	2019	2020	2021	2022	2023	AVG.	%
Passenger Gender							
Male	12	21	19	22	22	19	20.6
Female	93	79	73	70	55	74	79.2
Unknown	0	0	0	0	1	0	0.2
Passenger Injuries	105	100	92	92	78	93	100.0

	2019	2020	2021	2022	2023	AVG.	%
Passenger Gender							
Male	0	0	0	0	1	0	6.7
Female	5	4	2	1	2	3	93.3
Unknown	0	0	0	0	0	0	0.0
Passenger Fatalities	5	4	2	1	3	3	100.0

**Motorcycle Involved
Passenger Safety Equipment Use**

Safety Equipment	2019	2020	2021	2022	2023	AVG.	%
Not Applicable	18	12	18	22	22	18	5.3
None	15	19	22	23	27	21	6.1
Lap belt only	3	3	3	2	1	2	0.7
Shoulder belt only	1	2	1	2	0	1	0.3
Shoulder/Lap belt(s)	203	204	194	189	227	203	58.1
Child/Youth restraint	0	0	0	0	0	0	0.0
Child restraint forward	13	11	6	10	11	10	2.9
Child restraint rear	6	5	2	5	7	5	1.4
Booster seat	3	1	5	2	3	3	0.8
Child restraint unk.	4	1	1	2	4	2	0.7
Mc/Bike helmet	53	51	44	41	31	44	12.6
Mc/bike shield only	3	1	1	2	1	2	0.5
Mc/bike helmet & shield	31	26	21	21	11	22	6.3
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	0	0	0	0	0	0.0
Other	0	0	0	0	0	0	0.0
Unknown	15	16	21	10	14	15	4.3
Total Passengers	368	352	339	331	359	350	100.0

Safety Equipment	2019	2020	2021	2022	2023	AVG.	%
Not Applicable	4	4	8	5	7	6	6.0
None	9	9	13	14	14	12	12.6
Lap belt only	0	0	0	0	1	0	0.2
Shoulder belt only	0	0	0	0	0	0	0.0
Shoulder/Lap belt(s)	14	24	10	15	14	15	16.5
Child/Youth restraint	0	0	0	0	0	0	0.0
Child restraint forward	1	0	0	0	1	0	0.4
Child restraint rear	3	0	0	0	2	1	1.1
Booster seat	1	0	1	0	0	0	0.4
Child restraint unk.	1	0	0	2	0	1	0.6
Mc/Bike helmet	41	36	39	34	26	35	37.7
Mc/bike shield only	3	1	0	1	1	1	1.3
Mc/bike helmet & shield	26	24	19	18	9	19	20.6
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	2	2	2	3	3	2	2.6
Passenger Injuries	105	100	92	92	78	93	100.0

Safety Equipment	2019	2020	2021	2022	2023	AVG.	%
Not Applicable	0	0	0	0	0	0	0.0
None	0	1	1	0	1	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)	1	0	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	1	3	0	1	1	1	40.0
Mc/bike shield only	0	0	0	0	0	0	0.0
Mc/bike helmet & shield	3	0	1	0	1	1	33.3
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	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
Passenger Fatalities	5	4	2	1	3	3	100.0

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

**Motorcycle Involved
 Non-Motorist Age**

Non-Motorist Age	2019	2020	2021	2022	2023	AVG.	%
Under 5	0	0	0	2	1	1	4.1
5 - 9	0	0	0	0	1	0	1.4
10 - 15	0	2	2	2	0	1	8.2
16 - 17	0	0	0	0	1	0	1.4
18 - 19	0	0	0	0	0	0	0.0
20 - 24	3	2	2	0	2	2	12.3
25 - 29	1	2	1	3	2	2	12.3
30 - 34	2	3	1	1	0	1	9.6
35 - 39	1	2	1	1	2	1	9.6
40 - 44	1	2	1	0	0	1	5.5
45 - 49	2	0	1	1	2	1	8.2
50 - 54	1	2	0	1	1	1	6.8
55 - 59	0	4	1	0	1	1	8.2
60 - 64	0	1	2	1	0	1	5.5
65 - 69	0	1	0	1	0	0	2.7
70 - 79	0	0	1	1	1	1	4.1
80 +	0	0	0	0	0	0	0.0
Unknown	0	0	0	0	0	0	0.0
Total Non-Motorists	11	21	13	14	14	15	100.0

Non-Motorist Age	2019	2020	2021	2022	2023	AVG.	%
Under 5	0	0	0	1	1	0	3.8
5 - 9	0	0	0	0	1	0	1.9
10 - 15	0	2	1	1	0	1	7.7
16 - 17	0	0	0	0	1	0	1.9
18 - 19	0	0	0	0	0	0	0.0
20 - 24	2	2	1	0	2	1	13.5
25 - 29	1	2	0	2	1	1	11.5
30 - 34	1	3	1	1	0	1	11.5
35 - 39	1	2	0	0	1	1	7.7
40 - 44	1	1	1	0	0	1	5.8
45 - 49	2	0	1	1	2	1	11.5
50 - 54	0	2	0	1	0	1	5.8
55 - 59	0	3	0	0	0	1	5.8
60 - 64	0	0	1	1	0	0	3.8
65 - 69	0	1	0	1	0	0	3.8
70 - 79	0	0	1	0	1	0	3.8
80 +	0	0	0	0	0	0	0.0
Unknown	0	0	0	0	0	0	0.0
Inj. Non-Motorists	8	18	7	9	10	10	100.0

Non-Motorist Age	2019	2020	2021	2022	2023	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	1	0	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	1	0	0	0	14.3
40 - 44	0	1	0	0	0	0	14.3
45 - 49	0	0	0	0	0	0	0.0
50 - 54	1	0	0	0	0	0	14.3
55 - 59	0	1	0	0	1	0	28.6
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	1	0	0	14.3
80 +	0	0	0	0	0	0	0.0
Unknown	0	0	0	0	0	0	0.0
Non-Motor. Fatalities	1	2	2	1	1	1	100.0

**Motorcycle Involved
 Non-Motorist Gender**

	2019	2020	2021	2022	2023	AVG.	%
Non-Motorist Gender							
Male	6	16	6	10	10	10	65.8
Female	5	5	7	4	4	5	34.2
Unknown	0	0	0	0	0	0	0.0
Total Non-Motorists	11	21	13	14	14	15	100.0

	2019	2020	2021	2022	2023	AVG.	%
Non-Motorist Gender							
Male	6	14	4	6	7	7	71.2
Female	2	4	3	3	3	3	28.8
Unknown	0	0	0	0	0	0	0.0
Non-Motorist Injuries	8	18	7	9	10	10	100.0

	2019	2020	2021	2022	2023	AVG.	%
Non-Motorist Gender							
Male	0	1	1	0	1	1	42.9
Female	1	1	1	1	0	1	57.1
Unknown	0	0	0	0	0	0	0.0
Non-Motorist Fatalities	1	2	2	1	1	1	100.0

**Motorcycle Involved
Non-Motorist Location**

Non-Motorist Location	2019	2020	2021	2022	2023	AVG.	%
Not App.	0	2	4	1	3	2	13.7
Shoulder	2	2	1	0	1	1	8.2
Curb	0	0	0	1	0	0	1.4
Sidewalk	0	0	1	5	1	1	9.6
Outside Right of Way	1	0	1	0	1	1	4.1
On Rd. at Crosswalk	4	0	1	1	3	2	12.3
On Rd. Not at Cross.	0	9	4	5	5	5	31.5
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	0	0	0	0	0	1.4
At Inter No Crosswalk	0	0	0	0	0	0	0.0
Driveway Access	0	0	0	0	0	0	0.0
Median	1	0	1	0	0	0	2.7
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	8	0	1	0	2	15.1
Total Non-Motorists	11	21	13	14	14	15	100.0

Non-Motorist Location	2019	2020	2021	2022	2023	AVG.	%
Not App.	0	1	1	1	0	1	5.8
Shoulder	0	2	1	0	1	1	7.7
Curb	0	0	0	1	0	0	1.9
Sidewalk	0	0	1	3	1	1	9.6
Outside Right of Way	1	0	0	0	1	0	3.8
On Rd. at Crosswalk	3	0	1	1	3	2	15.4
On Rd. Not at Cross.	0	8	2	3	4	3	32.7
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	0	0	0	0	0	1.9
At Inter No Crosswalk	0	0	0	0	0	0	0.0
Driveway Access	0	0	0	0	0	0	0.0
Median	1	0	1	0	0	0	3.8
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	7	0	0	0	2	17.3
Injured Non-Motorists	8	18	7	9	10	10	100.0

Non-Motorist Location	2019	2020	2021	2022	2023	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	14.3
Outside Right of Way	0	0	0	0	0	0	0.0
On Rd. at Crosswalk	1	0	0	0	0	0	14.3
On Rd. Not at Cross.	0	1	2	0	1	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	1	0	0	0	0	14.3
Non-Motorist Fatalities	1	2	2	1	1	1	100.0

**Motorcycle Involved
 Non-Motorist Movement**

Non-Motorist Movement	2019	2020	2021	2022	2023	AVG.	%
Cross. at Intersection	4	1	2	2	3	2	16.4
Cross. Not at Inter.	1	4	3	3	3	3	19.2
Walk/Ride with Traff.	0	4	1	0	1	1	8.2
Walk/Ride against Tra.	0	0	0	0	1	0	1.4
Playing	0	0	0	0	2	0	2.7
Standing	3	4	2	5	0	3	19.2
Getting On/Off Veh.	0	0	0	0	0	0	0.0
Push/Work on Veh.	1	1	0	0	0	0	2.7
Other Working	0	3	0	0	0	1	4.1
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	2	4	5	4	4	4	26.0
Total Non-Motorists	11	21	13	14	14	15	100.0

Non-Motorist Movement	2019	2020	2021	2022	2023	AVG.	%
Cross. at Intersection	3	1	1	2	2	2	17.3
Cross. Not at Inter.	1	3	3	2	3	2	23.1
Walk/Ride with Traff.	0	3	1	0	1	1	9.6
Walk/Ride against Tra.	0	0	0	0	1	0	1.9
Playing	0	0	0	0	2	0	3.8
Standing	1	4	2	3	0	2	19.2
Getting On/Off Veh.	0	0	0	0	0	0	0.0
Push/Work on Veh.	1	1	0	0	0	0	3.8
Other Working	0	3	0	0	0	1	5.8
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	2	3	0	2	1	2	15.4
Injured Non-Motorists	8	18	7	9	10	10	100.0

Non-Motorist Movement	2019	2020	2021	2022	2023	AVG.	%
Cross. at Intersection	1	0	1	0	1	1	42.9
Cross. Not at Inter.	0	1	0	0	0	0	14.3
Walk/Ride with Traff.	0	0	0	0	0	0	0.0
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	1	0	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	1	1	0	0	0	28.6
Non-Motorist Fatalities	1	2	2	1	1	1	100.0