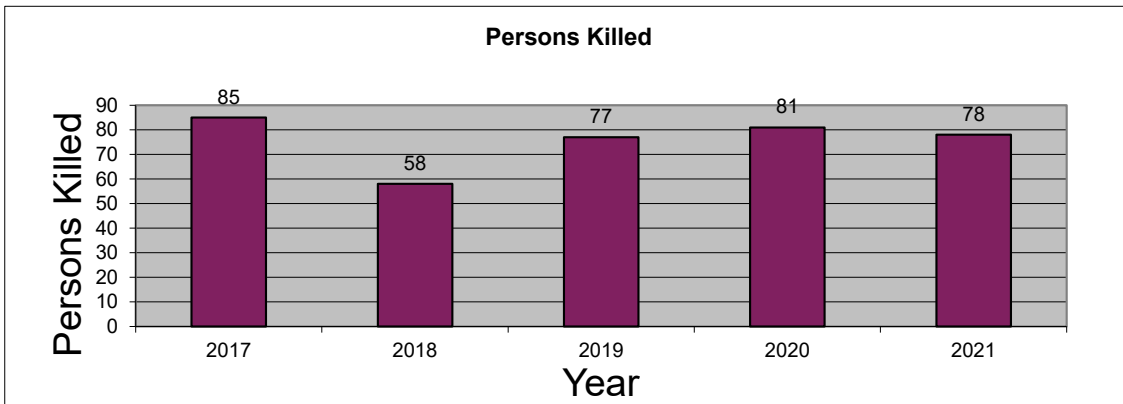
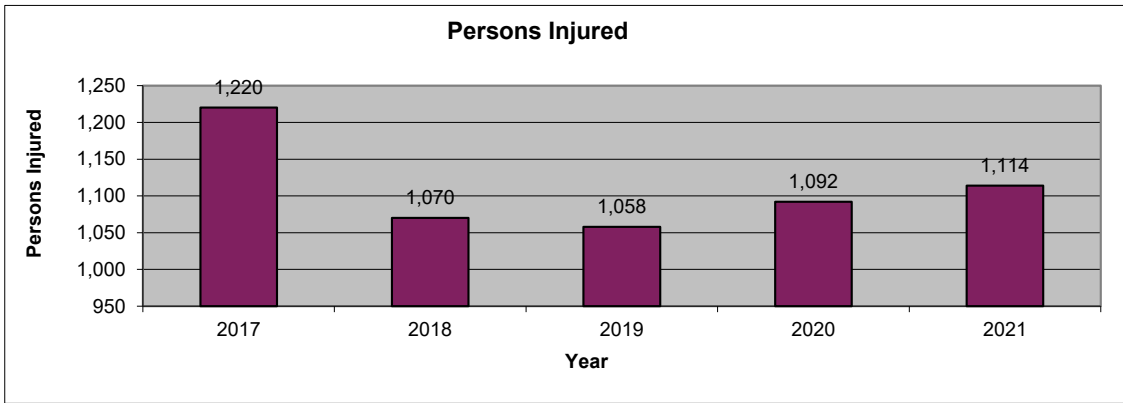
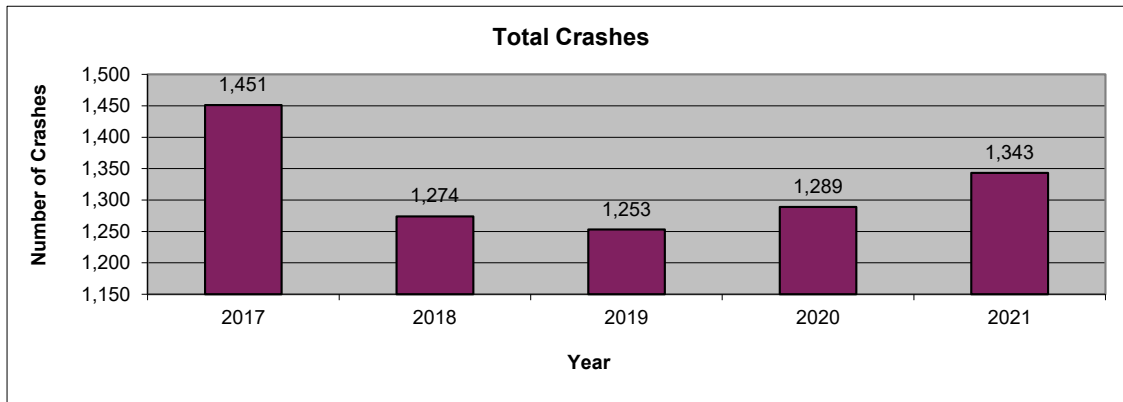


Motorcycle Involved Crash Summary

	2017	2018	2019	2020	2021	5 Year AVG.	%
Fatal Crashes	83	56	74	81	77	74	5.6
Injury Crashes	1,028	943	897	907	961	947	71.6
Property Damage Crashes	340	275	282	301	305	301	22.7
Total Crashes	1,451	1,274	1,253	1,289	1,343	1,322	100.0
Total of All Fatalities	85	58	77	81	78	76	
Total Number Injured	1,220	1,070	1,058	1,092	1,114	1,111	



2021 is subject to change. Data are based on reports provided by the Maryland State Police Central Records Division (CRD). 2021 crash reports submitted to CRD during calendar year 2022 (up to Dec. 31, 2022) 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, 2022.

Motorcycle Involved Route Type

Route Type	2017	2018	2019	2020	2021	AVG.	%
IS	152	131	140	138	123	137	10.3
US	146	125	132	131	155	138	10.4
MD	500	454	435	439	457	457	34.6
CO	384	339	347	338	368	355	26.9
MU	104	97	70	91	76	88	6.6
GV	2	2	1	1	2	2	0.1
SR	1	1	2	0	1	1	0.1
OP	2	2	4	2	6	3	0.2
Balto. City CY	0	0	0	0	0	0	0.0
Parking Lots	48	34	28	27	27	33	2.5
Unknown	112	89	94	122	128	109	8.2
Total Crashes	1,451	1,274	1,253	1,289	1,343	1,322	100.0

Route Type	2017	2018	2019	2020	2021	AVG.	%
IS	106	89	93	88	85	92	9.7
US	103	101	98	93	113	102	10.7
MD	368	351	320	313	320	334	35.3
CO	280	263	256	248	285	266	28.1
MU	69	66	50	63	55	61	6.4
GV	1	2	1	0	1	1	0.1
SR	1	1	1	0	1	1	0.1
OP	0	0	4	0	5	2	0.2
Balto. City CY	0	0	0	0	0	0	0.0
Parking Lots	22	16	11	15	13	15	1.6
Unknown	78	54	63	87	83	73	7.7
Injury Crashes	1,028	943	897	907	961	947	100.0

Route Type	2017	2018	2019	2020	2021	AVG.	%
IS	9	6	8	9	8	8	10.8
US	14	5	12	5	14	10	13.5
MD	32	27	30	39	32	32	43.1
CO	19	13	16	24	18	18	24.3
MU	6	4	2	3	1	3	4.3
GV	0	0	0	0	0	0	0.0
SR	0	0	0	0	0	0	0.0
OP	0	0	0	0	1	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	3	1	6	1	3	3	3.8
Fatal Crashes	83	56	74	81	77	74	100.0

**Motorcycle Involved
 County**

County	2017	2018	2019	2020	2021	AVG.	%
Allegany	8	18	13	16	21	15	1.1
Anne Arundel	162	140	129	137	135	141	10.6
Baltimore	180	212	179	182	191	189	14.3
Calvert	25	21	19	23	21	22	1.6
Caroline	4	3	7	6	3	5	0.3
Carroll	37	31	45	36	27	35	2.7
Cecil	46	46	39	46	39	43	3.3
Charles	37	50	53	50	50	48	3.6
Dorchester	8	6	12	7	9	8	0.6
Frederick	86	61	67	78	75	73	5.6
Garrett	19	10	9	13	7	12	0.9
Harford	79	46	53	51	73	60	4.6
Howard	63	41	44	37	48	47	3.5
Kent	2	1	3	3	2	2	0.2
Montgomery	140	124	135	99	109	121	9.2
Prince George's	217	168	170	201	202	192	14.5
Queen Anne's	19	14	11	13	13	14	1.1
St. Mary's	27	37	33	26	47	34	2.6
Somerset	9	4	4	2	5	5	0.4
Talbot	10	11	4	2	9	7	0.5
Washington	56	51	46	61	52	53	4.0
Wicomico	32	31	44	29	42	36	2.7
Worcester	29	26	38	31	32	31	2.4
Baltimore City	156	122	96	140	131	129	9.8
Total Crashes	1,451	1,274	1,253	1,289	1,343	1,322	100.0

County	2017	2018	2019	2020	2021	AVG.	%
Allegany	7	16	11	13	20	13	1.4
Anne Arundel	117	111	100	92	104	105	11.1
Baltimore	113	159	128	128	136	133	14.0
Calvert	19	12	15	16	15	15	1.6
Caroline	4	2	5	5	2	4	0.4
Carroll	29	24	33	23	22	26	2.8
Cecil	30	35	29	36	26	31	3.3
Charles	26	34	38	36	33	33	3.5
Dorchester	4	3	7	6	8	6	0.6
Frederick	69	47	54	55	54	56	5.9
Garrett	18	6	7	8	6	9	1.0
Harford	68	36	36	43	50	47	4.9
Howard	52	33	33	25	39	36	3.8
Kent	2	1	2	2	1	2	0.2
Montgomery	104	96	94	67	69	86	9.1
Prince George's	136	121	107	118	129	122	12.9
Queen Anne's	8	12	8	12	11	10	1.1
St. Mary's	24	28	25	20	37	27	2.8
Somerset	6	4	3	2	3	4	0.4
Talbot	5	7	3	2	6	5	0.5
Washington	44	34	36	44	37	39	4.1
Wicomico	25	24	30	25	34	28	2.9
Worcester	19	21	30	26	25	24	2.6
Baltimore City	99	77	63	103	94	87	9.2
Injury Crashes	1,028	943	897	907	961	947	100.0

County	2017	2018	2019	2020	2021	AVG.	%
Allegany	0	0	0	1	0	0	0.3
Anne Arundel	6	8	9	11	4	8	10.2
Baltimore	14	9	12	12	11	12	15.6
Calvert	1	1	1	2	2	1	1.9
Caroline	0	0	0	0	0	0	0.0
Carroll	2	1	0	4	2	2	2.4
Cecil	8	0	4	2	3	3	4.6
Charles	3	4	3	3	3	3	4.3
Dorchester	2	0	1	1	0	1	1.1
Frederick	3	2	6	7	6	5	6.5
Garrett	0	1	1	3	1	1	1.6
Harford	2	1	5	2	2	2	3.2
Howard	2	1	1	4	4	2	3.2
Kent	0	0	0	0	0	0	0.0
Montgomery	4	4	5	5	10	6	7.5
Prince George's	18	12	11	13	13	13	18.1
Queen Anne's	3	0	0	1	1	1	1.3
St. Mary's	0	2	3	2	3	2	2.7
Somerset	2	0	0	0	2	1	1.1
Talbot	1	0	0	0	0	0	0.3
Washington	4	3	1	3	1	2	3.2
Wicomico	1	2	5	1	2	2	3.0
Worcester	0	1	2	1	3	1	1.9
Baltimore City	7	4	4	3	4	4	5.9
Fatal Crashes	83	56	74	81	77	74	100.0

Motorcycle Involved
Month

Month	2017	2018	2019	2020	2021	AVG.	%
January	27	33	20	32	19	26	2.0
February	77	30	31	26	15	36	2.7
March	54	38	71	93	101	71	5.4
April	183	117	116	74	121	122	9.2
May	158	152	163	160	152	157	11.9
June	213	181	182	152	170	180	13.6
July	174	181	157	182	183	175	13.3
August	172	179	178	162	158	170	12.8
September	174	148	177	172	208	176	13.3
October	128	124	95	134	123	121	9.1
November	62	55	42	83	58	60	4.5
December	29	36	21	19	35	28	2.1
Unknown	0	0	0	0	0	0	0.0
Total Crashes	1,451	1,274	1,253	1,289	1,343	1,322	100.0

Month	2017	2018	2019	2020	2021	AVG.	%
January	15	24	10	24	11	17	1.8
February	55	26	20	16	8	25	2.6
March	35	27	56	72	72	52	5.5
April	127	83	79	49	86	85	9.0
May	116	111	118	106	103	111	11.7
June	152	133	130	113	138	133	14.1
July	132	140	113	130	137	130	13.8
August	125	142	121	104	114	121	12.8
September	124	107	136	128	140	127	13.4
October	89	88	71	87	90	85	9.0
November	40	41	31	65	38	43	4.5
December	18	21	12	13	24	18	1.9
Unknown	0	0	0	0	0	0	0.0
Injury Crashes	1,028	943	897	907	961	947	100.0

Month	2017	2018	2019	2020	2021	AVG.	%
January	1	2	3	0	1	1	1.9
February	4	0	3	0	0	1	1.9
March	4	0	2	3	5	3	3.8
April	13	5	4	4	7	7	8.9
May	7	11	8	16	6	10	12.9
June	13	7	9	8	8	9	12.1
July	10	6	8	11	11	9	12.4
August	15	9	19	12	12	13	18.1
September	10	4	8	9	16	9	12.7
October	4	9	6	14	7	8	10.8
November	1	1	1	4	4	2	3.0
December	1	2	3	0	0	1	1.6
Unknown	0	0	0	0	0	0	0.0
Fatal Crashes	83	56	74	81	77	74	100.0

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

July 26, 2022

Motorcycle Involved
Day of Week

Day of Week	2017	2018	2019	2020	2021	AVG.	%
Monday	151	135	115	153	129	137	10.3
Tuesday	169	131	138	127	134	140	10.6
Wednesday	181	163	129	151	164	158	11.9
Thursday	188	164	156	127	181	163	12.3
Friday	181	195	192	174	202	189	14.3
Saturday	280	261	271	296	271	276	20.9
Sunday	301	225	252	261	262	260	19.7
Unknown	0	0	0	0	0	0	0.0
Total Crashes	1,451	1,274	1,253	1,289	1,343	1,322	100.0

Day of Week	2017	2018	2019	2020	2021	AVG.	%
Monday	103	94	84	110	91	96	10.2
Tuesday	128	108	97	89	96	104	10.9
Wednesday	116	131	88	106	109	110	11.6
Thursday	124	120	117	82	132	115	12.1
Friday	128	128	147	122	151	135	14.3
Saturday	195	199	188	211	200	199	21.0
Sunday	234	163	176	187	182	188	19.9
Unknown	0	0	0	0	0	0	0.0
Injury Crashes	1,028	943	897	907	961	947	100.0

Day of Week	2017	2018	2019	2020	2021	AVG.	%
Monday	5	8	9	11	6	8	10.5
Tuesday	8	2	12	13	4	8	10.5
Wednesday	18	6	5	7	6	8	11.3
Thursday	15	6	2	9	10	8	11.3
Friday	8	8	10	7	14	9	12.7
Saturday	15	9	19	19	21	17	22.4
Sunday	14	17	17	15	16	16	21.3
Unknown	0	0	0	0	0	0	0.0
Fatal Crashes	83	56	74	81	77	74	100.0

Motorcycle Involved
Time of Day

Time of Day	2017	2018	2019	2020	2021	AVG.	%
12:00 Midnight	31	30	32	28	28	30	2.3
1:00	22	23	13	15	23	19	1.5
2:00	20	15	14	25	13	17	1.3
3:00	8	11	13	7	12	10	0.8
4:00	6	8	7	7	5	7	0.5
5:00	17	11	14	13	13	14	1.0
6:00	26	30	16	12	18	20	1.5
7:00	38	24	27	22	23	27	2.0
8:00	34	30	37	19	21	28	2.1
9:00	36	37	35	26	45	36	2.7
10:00	39	37	32	36	42	37	2.8
11:00	55	54	72	46	43	54	4.1
12:00 Noon	80	73	75	58	65	70	5.3
1:00	96	71	86	86	69	82	6.2
2:00	103	99	82	103	91	96	7.2
3:00	113	109	95	118	121	111	8.4
4:00	134	114	104	118	128	120	9.0
5:00	117	113	114	133	120	119	9.0
6:00	103	99	102	98	144	109	8.3
7:00	100	88	74	95	102	92	6.9
8:00	106	64	65	71	78	77	5.8
9:00	61	68	65	65	57	63	4.8
10:00	59	31	53	46	47	47	3.6
11:00	47	35	26	42	35	37	2.8
Unknown	0	0	0	0	0	0	0.0
Total Crashes	1,451	1,274	1,253	1,289	1,343	1,322	100.0

Time of Day	2017	2018	2019	2020	2021	AVG.	%
12:00 Midnight	21	22	21	14	20	20	2.1
1:00	16	12	7	10	16	12	1.3
2:00	12	11	8	15	7	11	1.1
3:00	4	8	9	4	8	7	0.7
4:00	5	7	3	5	3	5	0.5
5:00	10	7	9	9	7	8	0.9
6:00	19	20	12	9	10	14	1.5
7:00	26	18	17	16	19	19	2.0
8:00	23	22	30	12	14	20	2.1
9:00	27	28	23	21	32	26	2.8
10:00	32	29	28	23	29	28	3.0
11:00	38	40	62	34	31	41	4.3
12:00 Noon	59	62	57	43	46	53	5.6
1:00	76	48	60	59	57	60	6.3
2:00	75	81	58	76	66	71	7.5
3:00	85	76	74	88	89	82	8.7
4:00	91	85	79	89	98	88	9.3
5:00	83	78	79	99	85	85	9.0
6:00	73	76	70	69	103	78	8.3
7:00	67	69	47	66	71	64	6.8
8:00	72	47	49	43	56	53	5.6
9:00	39	50	44	42	39	43	4.5
10:00	45	21	35	34	33	34	3.5
11:00	30	26	16	27	22	24	2.6
Unknown	0	0	0	0	0	0	0.0
Injury Crashes	1,028	943	897	907	961	947	100.0

Time of Day	2017	2018	2019	2020	2021	AVG.	%
12:00 Midnight	2	3	2	5	2	3	3.8
1:00	0	2	1	0	4	1	1.9
2:00	2	0	1	3	3	2	2.4
3:00	1	1	1	1	0	1	1.1
4:00	0	0	0	0	0	0	0.0
5:00	0	0	3	2	1	1	1.6
6:00	0	0	1	0	1	0	0.5
7:00	3	0	2	1	1	1	1.9
8:00	0	1	0	1	1	1	0.8
9:00	1	1	0	0	0	0	0.5
10:00	2	2	0	0	2	1	1.6
11:00	2	2	2	2	3	2	3.0
12:00 Noon	4	3	3	2	4	3	4.3
1:00	4	5	7	6	0	4	5.9
2:00	4	4	3	8	3	4	5.9
3:00	5	6	3	8	6	6	7.5
4:00	8	0	5	4	5	4	5.9
5:00	6	10	5	4	6	6	8.4
6:00	5	8	7	1	6	5	7.3
7:00	11	2	9	9	9	8	10.8
8:00	7	0	3	9	6	5	6.7
9:00	8	3	4	7	7	6	7.8
10:00	5	1	7	5	1	4	5.1
11:00	3	2	5	3	6	4	5.1
Unknown	0	0	0	0	0	0	0.0
Fatal Crashes	83	56	74	81	77	74	100.0

**Motorcycle Involved
 Driver Age**

Driver Age	2017	2018	2019	2020	2021	AVG.	%
15 and Under	6	7	11	10	11	9	0.4
16	2	7	10	4	11	7	0.3
17	26	14	10	12	18	16	0.7
18	30	25	29	17	22	25	1.1
19	37	33	42	39	35	37	1.7
20	46	38	31	50	36	40	1.8
21 - 24	235	205	203	213	206	212	9.6
25 - 29	296	247	232	262	258	259	11.6
30 - 34	232	211	188	247	250	226	10.1
35 - 39	216	169	188	206	237	203	9.1
40 - 44	172	114	137	152	167	148	6.7
45 - 49	210	160	163	144	155	166	7.5
50 - 54	205	172	195	147	172	178	8.0
55 - 59	174	187	162	148	164	167	7.5
60 - 64	142	132	126	118	112	126	5.7
65 - 69	87	84	75	76	89	82	3.7
70 - 79	63	75	69	62	64	67	3.0
80 +	23	21	22	21	20	21	1.0
Unknown	244	218	196	272	238	234	10.5
Total Drivers	2,446	2,119	2,089	2,200	2,265	2,224	100.0

Driver Age	2017	2018	2019	2020	2021	AVG.	%
15 and Under	4	4	8	9	10	7	0.7
16	1	4	3	1	7	3	0.3
17	8	8	3	7	8	7	0.7
18	10	10	15	10	8	11	1.1
19	18	16	17	22	17	18	1.8
20	28	23	18	22	22	23	2.3
21 - 24	128	108	97	101	99	107	10.6
25 - 29	158	120	125	154	139	139	13.9
30 - 34	108	104	95	117	125	110	11.0
35 - 39	99	86	91	96	128	100	10.0
40 - 44	96	57	68	71	76	74	7.4
45 - 49	107	89	79	69	70	83	8.3
50 - 54	114	95	110	81	82	96	9.6
55 - 59	86	94	91	85	87	89	8.8
60 - 64	60	79	58	56	57	62	6.2
65 - 69	41	38	34	40	45	40	4.0
70 - 79	16	26	23	22	21	22	2.2
80 +	3	4	3	2	3	3	0.3
Unknown	12	10	7	9	11	10	1.0
Injured Drivers	1,097	975	945	974	1,015	1,001	100.0

Driver Age	2017	2018	2019	2020	2021	AVG.	%
15 and Under	0	0	0	0	0	0	0.0
16	0	0	0	0	1	0	0.3
17	0	1	1	1	0	1	0.8
18	2	2	1	0	0	1	1.4
19	0	0	2	0	1	1	0.8
20	2	2	0	4	1	2	2.5
21 - 24	8	8	13	9	9	9	13.3
25 - 29	12	8	17	5	15	11	16.1
30 - 34	10	6	8	12	12	10	13.6
35 - 39	5	1	5	9	8	6	7.9
40 - 44	7	3	3	4	7	5	6.8
45 - 49	4	4	5	6	7	5	7.4
50 - 54	9	7	6	3	6	6	8.8
55 - 59	8	8	5	7	3	6	8.8
60 - 64	5	1	1	7	1	3	4.2
65 - 69	3	0	3	2	3	2	3.1
70 - 79	4	3	1	5	0	3	3.7
80 +	0	0	0	1	0	0	0.3
Unknown	0	0	0	0	0	0	0.0
Driver Fatalities	79	54	71	75	74	71	100.0

Driver pages - all drivers involved.

**Motorcycle Involved
 Driver Gender**

Driver Gender	2017	2018	2019	2020	2021	AVG.	%
Male	1,755	1,530	1,542	1,586	1,661	1,615	72.6
Female	446	359	347	343	365	372	16.7
Unknown	245	230	200	271	239	237	10.7
Total Drivers	2,446	2,119	2,089	2,200	2,265	2,224	100.0

Driver Gender	2017	2018	2019	2020	2021	AVG.	%
Male	973	877	847	878	921	899	89.8
Female	111	86	87	88	81	91	9.0
Unknown	13	12	11	8	13	11	1.1
Driver Injuries	1,097	975	945	974	1,015	1,001	100.0

Driver Gender	2017	2018	2019	2020	2021	AVG.	%
Male	77	52	70	73	72	69	97.5
Female	2	2	1	2	2	2	2.5
Unknown	0	0	0	0	0	0	0.0
Driver Fatalities	79	54	71	75	74	71	100.0

Driver pages - all drivers involved.

**Motorcycle Involved
 Driver Safety Equipment Use**

Safety Equipment	2017	2018	2019	2020	2021	AVG.	%
Not Applicable	170	168	175	175	170	172	7.7
None	156	134	123	187	202	160	7.2
Lap belt only	4	3	3	4	3	3	0.2
Shoulder belt only	6	9	8	3	8	7	0.3
Shoulder/Lap belt(s)	721	617	610	622	665	647	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	655	554	562	595	611	595	26.8
Mc/bike shield only	9	6	10	10	7	8	0.4
Mc/bike helmet & shield	441	379	376	331	328	371	16.7
Protective pads	2	3	2	3	2	2	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	3	5	4	7	4	5	0.2
Unknown	279	241	216	263	265	253	11.4
Total Drivers	2,446	2,119	2,089	2,200	2,265	2,224	100.0

Safety Equipment	2017	2018	2019	2020	2021	AVG.	%
Not Applicable	87	84	84	74	95	85	8.5
None	101	94	89	139	144	113	11.3
Lap belt only	2	1	1	2	0	1	0.1
Shoulder belt only	1	0	3	0	2	1	0.1
Shoulder/Lap belt(s)	66	46	52	59	62	57	5.7
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	470	426	417	440	429	436	43.6
Mc/bike shield only	5	3	8	8	4	6	0.6
Mc/bike helmet & shield	338	297	268	229	248	276	27.6
Protective pads	2	1	1	1	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	3	3	1	2	0.2
Unknown	24	19	19	19	28	22	2.2
Driver Injuries	1,097	975	945	974	1,015	1,001	100.0

Safety Equipment	2017	2018	2019	2020	2021	AVG.	%
Not Applicable	3	2	2	1	2	2	2.8
None	8	4	5	3	11	6	8.8
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)	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	44	28	43	42	41	40	56.1
Mc/bike shield only	2	1	0	1	0	1	1.1
Mc/bike helmet & shield	19	18	21	28	19	21	29.7
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	1	0	0	0	0	0	0.3
Unknown	2	1	0	0	1	1	1.1
Driver Fatalities	79	54	71	75	74	71	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	2017	2018	2019	2020	2021	AVG.	%
Under 5	31	28	19	21	15	23	6.4
5 - 9	30	25	27	13	24	24	6.7
10 - 11	10	4	15	14	10	11	3.0
12 - 13	11	8	6	14	17	11	3.1
14 - 15	11	7	8	6	6	8	2.1
16 - 17	24	8	12	11	11	13	3.7
18 - 19	14	24	24	12	10	17	4.7
20 - 24	48	33	50	52	37	44	12.3
25 - 29	45	30	29	26	37	33	9.3
30 - 34	20	18	26	42	28	27	7.5
35 - 39	26	18	16	36	35	26	7.3
40 - 44	25	6	20	18	14	17	4.6
45 - 49	23	19	18	12	18	18	5.0
50 - 54	32	20	22	20	22	23	6.5
55 - 59	24	20	28	19	15	21	5.9
60 - 64	19	13	12	17	17	16	4.4
65 - 69	12	6	11	6	5	8	2.2
70 - 79	7	11	10	5	14	9	2.6
80 +	8	10	15	8	4	9	2.5
Unknown	0	0	0	0	0	0	0.0
Total Passengers	420	308	368	352	339	357	100.0

Passenger Age	2017	2018	2019	2020	2021	AVG.	%
Under 5	2	1	8	2	0	3	2.7
5 - 9	6	3	2	6	3	4	4.1
10 - 11	3	1	4	1	4	3	2.7
12 - 13	0	1	0	4	2	1	1.4
14 - 15	1	0	1	0	0	0	0.4
16 - 17	5	2	5	3	2	3	3.5
18 - 19	2	3	5	2	3	3	3.1
20 - 24	13	6	11	6	11	9	9.6
25 - 29	13	12	9	6	7	9	9.6
30 - 34	5	5	9	17	8	9	9.0
35 - 39	4	7	5	14	12	8	8.6
40 - 44	12	2	5	8	8	7	7.2
45 - 49	11	8	8	4	8	8	8.0
50 - 54	12	10	14	11	8	11	11.3
55 - 59	9	10	9	6	8	8	8.6
60 - 64	10	5	3	7	5	6	6.1
65 - 69	3	0	7	0	1	2	2.3
70 - 79	1	1	0	0	1	1	0.6
80 +	1	1	0	3	1	1	1.2
Unknown	0	0	0	0	0	0	0.0
Injured Passengers	113	78	105	100	92	98	100.0

Passenger Age	2017	2018	2019	2020	2021	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	1	2	1	1	23.5
25 - 29	0	0	1	1	0	0	11.8
30 - 34	0	1	1	1	0	1	17.6
35 - 39	0	1	0	0	0	0	5.9
40 - 44	1	0	0	0	1	0	11.8
45 - 49	1	1	0	0	0	0	11.8
50 - 54	0	0	0	0	0	0	0.0
55 - 59	1	0	1	0	0	0	11.8
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	0	1	0	0	0	5.9
Unknown	0	0	0	0	0	0	0.0
Passenger Fatalities	3	3	5	4	2	3	100.0

**Motorcycle Involved
 Passenger Gender**

	2017	2018	2019	2020	2021	AVG.	%
Passenger Gender							
Male	163	108	128	130	123	130	36.5
Female	254	198	239	221	213	225	63.0
Unknown	3	2	1	1	3	2	0.6
Total Passengers	420	308	368	352	339	357	100.0

	2017	2018	2019	2020	2021	AVG.	%
Passenger Gender							
Male	17	15	12	21	19	17	17.2
Female	95	63	93	79	73	81	82.6
Unknown	1	0	0	0	0	0	0.2
Passenger Injuries	113	78	105	100	92	98	100.0

	2017	2018	2019	2020	2021	AVG.	%
Passenger Gender							
Male	0	0	0	0	0	0	0.0
Female	3	3	5	4	2	3	100.0
Unknown	0	0	0	0	0	0	0.0
Passenger Fatalities	3	3	5	4	2	3	100.0

**Motorcycle Involved
Passenger Safety Equipment Use**

Safety Equipment	2017	2018	2019	2020	2021	AVG.	%
Not Applicable	15	10	18	12	18	15	4.1
None	17	25	15	19	22	20	5.5
Lap belt only	1	0	3	3	3	2	0.6
Shoulder belt only	1	1	1	2	1	1	0.3
Shoulder/Lap belt(s)	262	151	203	204	194	203	56.7
Child/Youth restraint	0	0	0	0	0	0	0.0
Child restraint forward	21	21	13	11	6	14	4.0
Child restraint rear	6	6	6	5	2	5	1.4
Booster seat	4	7	3	1	5	4	1.1
Child restraint unk.	2	3	4	1	1	2	0.6
Mc/Bike helmet	44	42	53	51	44	47	13.1
Mc/bike shield only	2	1	3	1	1	2	0.4
Mc/bike helmet & shield	34	17	31	26	21	26	7.2
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	2	0	0	0	0	0.1
Unknown	11	22	15	16	21	17	4.8
Total Passengers	420	308	368	352	339	357	100.0

Safety Equipment	2017	2018	2019	2020	2021	AVG.	%
Not Applicable	4	5	4	4	8	5	5.1
None	10	11	9	9	13	10	10.7
Lap belt only	1	0	0	0	0	0	0.2
Shoulder belt only	0	0	0	0	0	0	0.0
Shoulder/Lap belt(s)	25	9	14	24	10	16	16.8
Child/Youth restraint	0	0	0	0	0	0	0.0
Child restraint forward	1	1	1	0	0	1	0.6
Child restraint rear	1	1	3	0	0	1	1.0
Booster seat	0	1	1	0	1	1	0.6
Child restraint unk.	1	0	1	0	0	0	0.4
Mc/Bike helmet	38	30	41	36	39	37	37.7
Mc/bike shield only	1	1	3	1	0	1	1.2
Mc/bike helmet & shield	28	14	26	24	19	22	22.7
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	3	5	2	2	2	3	2.9
Passenger Injuries	113	78	105	100	92	98	100.0

Safety Equipment	2017	2018	2019	2020	2021	AVG.	%
Not Applicable	0	0	0	0	0	0	0.0
None	1	1	0	1	1	1	23.5
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	1	0	0	0	5.9
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 unk.	0	0	0	0	0	0	0.0
Mc/Bike helmet	1	2	1	3	0	1	41.2
Mc/bike shield only	0	0	0	0	0	0	0.0
Mc/bike helmet & shield	1	0	3	0	1	1	29.4
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	3	3	5	4	2	3	100.0

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

**Motorcycle Involved
 Non-Motorist Age**

Non-Motorist Age	2017	2018	2019	2020	2021	AVG.	%
Under 5	1	1	0	0	0	0	2.5
5 - 9	0	1	0	0	0	0	1.3
10 - 15	0	2	0	2	2	1	7.5
16 - 17	3	1	0	0	0	1	5.0
18 - 19	0	1	0	0	0	0	1.3
20 - 24	3	0	3	2	2	2	12.5
25 - 29	3	3	1	2	1	2	12.5
30 - 34	0	4	2	3	1	2	12.5
35 - 39	2	1	1	2	1	1	8.8
40 - 44	1	0	1	2	1	1	6.3
45 - 49	0	0	2	0	1	1	3.8
50 - 54	1	0	1	2	0	1	5.0
55 - 59	1	3	0	4	1	2	11.3
60 - 64	1	1	0	1	2	1	6.3
65 - 69	0	1	0	1	0	0	2.5
70 - 79	0	0	0	0	1	0	1.3
80 +	0	0	0	0	0	0	0.0
Unknown	0	0	0	0	0	0	0.0
Total Non-Motorists	16	19	11	21	13	16	100.0

Non-Motorist Age	2017	2018	2019	2020	2021	AVG.	%
Under 5	1	1	0	0	0	0	3.3
5 - 9	0	1	0	0	0	0	1.7
10 - 15	0	2	0	2	1	1	8.3
16 - 17	0	1	0	0	0	0	1.7
18 - 19	0	1	0	0	0	0	1.7
20 - 24	3	0	2	2	1	2	13.3
25 - 29	3	2	1	2	0	2	13.3
30 - 34	0	3	1	3	1	2	13.3
35 - 39	1	1	1	2	0	1	8.3
40 - 44	0	0	1	1	1	1	5.0
45 - 49	0	0	2	0	1	1	5.0
50 - 54	1	0	0	2	0	1	5.0
55 - 59	0	3	0	3	0	1	10.0
60 - 64	1	1	0	0	1	1	5.0
65 - 69	0	1	0	1	0	0	3.3
70 - 79	0	0	0	0	1	0	1.7
80 +	0	0	0	0	0	0	0.0
Unknown	0	0	0	0	0	0	0.0
Inj. Non-Motorists	10	17	8	18	7	12	100.0

Non-Motorist Age	2017	2018	2019	2020	2021	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	1	0	0	0	0	0	11.1
18 - 19	0	0	0	0	0	0	0.0
20 - 24	0	0	0	0	1	0	11.1
25 - 29	0	1	0	0	0	0	11.1
30 - 34	0	0	0	0	0	0	0.0
35 - 39	0	0	0	0	1	0	11.1
40 - 44	1	0	0	1	0	0	22.2
45 - 49	0	0	0	0	0	0	0.0
50 - 54	0	0	1	0	0	0	11.1
55 - 59	1	0	0	1	0	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 +	0	0	0	0	0	0	0.0
Unknown	0	0	0	0	0	0	0.0
Non-Motor. Fatalities	3	1	1	2	2	2	100.0

**Motorcycle Involved
 Non-Motorist Gender**

	2017	2018	2019	2020	2021	AVG.	%
Non-Motorist Gender							
Male	10	12	6	16	6	10	62.5
Female	6	7	5	5	7	6	37.5
Unknown	0	0	0	0	0	0	0.0
Total Non-Motorists	16	19	11	21	13	16	100.0

	2017	2018	2019	2020	2021	AVG.	%
Non-Motorist Gender							
Male	6	10	6	14	4	8	66.7
Female	4	7	2	4	3	4	33.3
Unknown	0	0	0	0	0	0	0.0
Non-Motorist Injuries	10	17	8	18	7	12	100.0

	2017	2018	2019	2020	2021	AVG.	%
Non-Motorist Gender							
Male	2	1	0	1	1	1	55.6
Female	1	0	1	1	1	1	44.4
Unknown	0	0	0	0	0	0	0.0
Non-Motorist Fatalities	3	1	1	2	2	2	100.0

**Motorcycle Involved
 Non-Motorist Location**

Non-Motorist Location	2017	2018	2019	2020	2021	AVG.	%
Not App.	0	2	0	2	4	2	10.0
Shoulder	0	0	2	2	1	1	6.3
Curb	2	0	0	0	0	0	2.5
Sidewalk	0	0	0	0	1	0	1.3
Outside Right of Way	1	1	1	0	1	1	5.0
On Rd. at Crosswalk	1	0	4	0	1	1	7.5
On Rd. Not at Cross.	8	13	0	9	4	7	42.5
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	1	1	0	0	1	3.8
At Inter No Crosswalk	1	1	0	0	0	0	2.5
Driveway Access	0	0	0	0	0	0	0.0
Median	0	0	1	0	1	0	2.5
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	1	2	8	0	3	16.3
Total Non-Motorists	16	19	11	21	13	16	100.0

Non-Motorist Location	2017	2018	2019	2020	2021	AVG.	%
Not App.	0	1	0	1	1	1	5.0
Shoulder	0	0	0	2	1	1	5.0
Curb	2	0	0	0	0	0	3.3
Sidewalk	0	0	0	0	1	0	1.7
Outside Right of Way	0	1	1	0	0	0	3.3
On Rd. at Crosswalk	1	0	3	0	1	1	8.3
On Rd. Not at Cross.	4	12	0	8	2	5	43.3
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	1	1	0	0	0	3.3
At Inters No Crosswalk	1	1	0	0	0	0	3.3
Driveway Access	0	0	0	0	0	0	0.0
Median	0	0	1	0	1	0	3.3
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	1	2	7	0	2	20.0
Injured Non-Motorists	10	17	8	18	7	12	100.0

Non-Motorist Location	2017	2018	2019	2020	2021	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	1	0	0	0	0	0	11.1
On Rd. at Crosswalk	0	0	1	0	0	0	11.1
On Rd. Not at Cross.	1	1	0	1	2	1	55.6
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	1	0	0	0	0	0	11.1
At Inters 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 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	1	0	0	11.1
Non-Motorist Fatalities	3	1	1	2	2	2	100.0

**Motorcycle Involved
 Non-Motorist Movement**

Non-Motorist Movement	2017	2018	2019	2020	2021	AVG.	%
Cross. at Intersection	4	3	4	1	2	3	17.5
Cross. Not at Inter.	7	5	1	4	3	4	25.0
Walk/Ride with Traff.	2	3	0	4	1	2	12.5
Walk/Ride against Tra.	0	0	0	0	0	0	0.0
Playing	0	1	0	0	0	0	1.3
Standing	0	3	3	4	2	2	15.0
Getting On/Off Veh.	0	0	0	0	0	0	0.0
Push/Work on Veh.	0	0	1	1	0	0	2.5
Other Working	0	0	0	3	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	3	4	2	4	5	4	22.5
Total Non-Motorists	16	19	11	21	13	16	100.0

Non-Motorist Movement	2017	2018	2019	2020	2021	AVG.	%
Cross. at Intersection	2	3	3	1	1	2	16.7
Cross. Not at Inter.	5	5	1	3	3	3	28.3
Walk/Ride with Traff.	1	2	0	3	1	1	11.7
Walk/Ride against Tra.	0	0	0	0	0	0	0.0
Playing	0	1	0	0	0	0	1.7
Standing	0	3	1	4	2	2	16.7
Getting On/Off Veh.	0	0	0	0	0	0	0.0
Push/Work on Veh.	0	0	1	1	0	0	3.3
Other Working	0	0	0	3	0	1	5.0
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	2	3	2	3	0	2	16.7
Injured Non-Motorists	10	17	8	18	7	12	100.0

Non-Motorist Movement	2017	2018	2019	2020	2021	AVG.	%
Cross. at Intersection	2	0	1	0	1	1	44.4
Cross. Not at Inter.	0	0	0	1	0	0	11.1
Walk/Ride with Traff.	0	1	0	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	1	0	0	1	1	1	33.3
Non-Motorist Fatalities	3	1	1	2	2	2	100.0