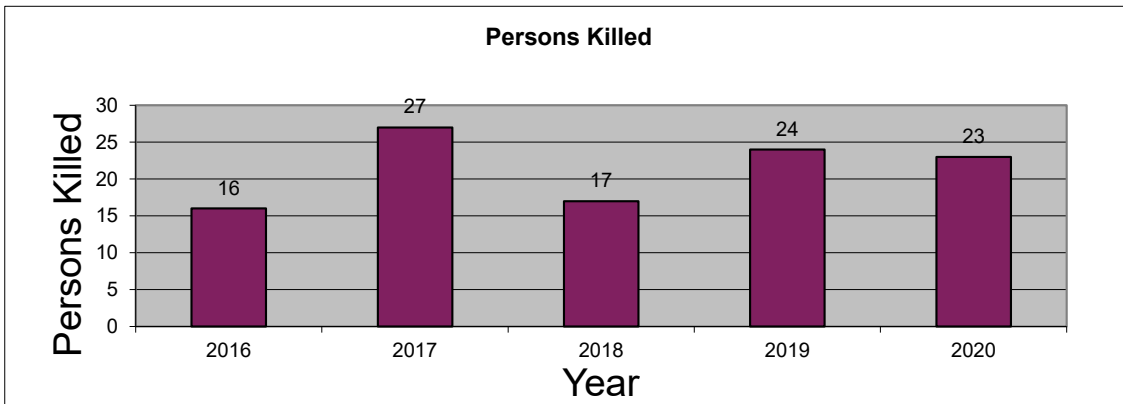
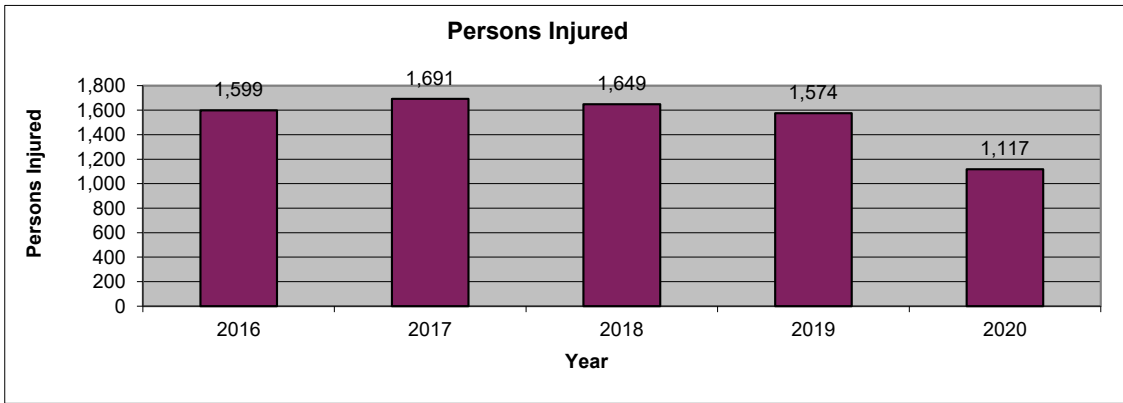
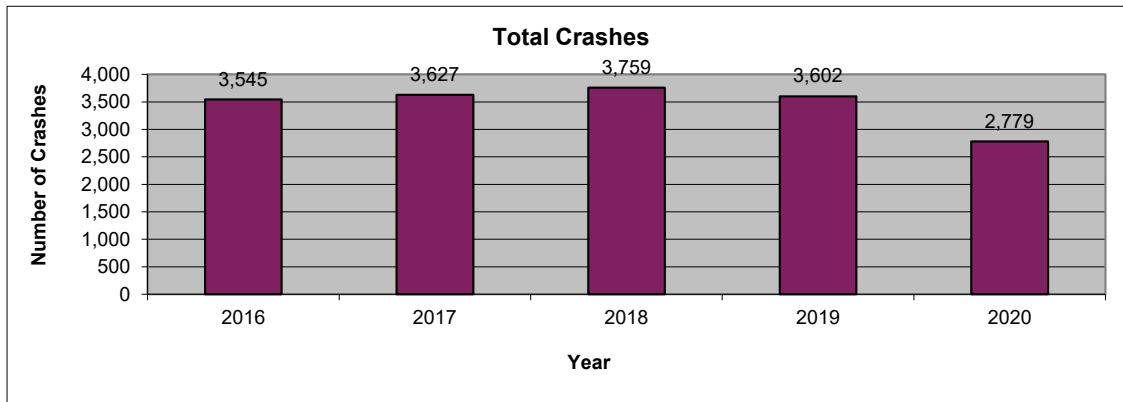


Frederick County Crash Summary

	2016	2017	2018	2019	2020	5 Year AVG.	%
Fatal Crashes	16	24	17	24	23	21	0.6
Injury Crashes	1,220	1,207	1,167	1,125	812	1106	31.9
Property Damage Crashes	2,309	2,396	2,575	2,453	1,944	2335	67.5
Total Crashes	3,545	3,627	3,759	3,602	2,779	3462	100.0
Total of All Fatalities	16	27	17	24	23	21	
Total Number Injured	1,599	1,691	1,649	1,574	1,117	1,526	



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.

Frederick County
Route Type

Route Type	2016	2017	2018	2019	2020	AVG.	%
IS	565	633	690	678	561	625	18.1
US	562	607	649	576	451	569	16.4
MD	873	828	890	918	699	842	24.3
CO	656	669	686	671	531	643	18.6
MU	447	464	475	424	309	424	12.2
GV	0	1	0	0	0	0	0.0
SR	0	0	0	2	0	0	0.0
OP	42	35	45	36	34	38	1.1
Balto. City CY	0	0	0	0	0	0	0.0
Parking Lots	160	183	175	163	95	155	4.5
Unknown	240	207	149	134	99	166	4.8
Total Crashes	3,545	3,627	3,759	3,602	2,779	3462	100.0

Route Type	2016	2017	2018	2019	2020	AVG.	%
IS	177	193	197	185	141	179	16.1
US	193	209	201	182	141	185	16.7
MD	303	272	280	291	212	272	24.6
CO	212	199	193	198	142	189	17.1
MU	211	230	214	190	132	195	17.7
GV	0	0	0	0	0	0	0.0
SR	0	0	0	1	0	0	0.0
OP	20	12	16	13	13	15	1.3
Balto. City CY	0	0	0	0	0	0	0.0
Parking Lots	30	35	30	30	12	27	2.5
Unknown	74	57	36	35	19	44	4.0
Injury Crashes	1,220	1,207	1,167	1,125	812	1,106	100.0

Route Type	2016	2017	2018	2019	2020	AVG.	%
IS	3	6	4	6	3	4	21.2
US	4	3	7	9	5	6	26.9
MD	3	8	5	4	7	5	26.0
CO	6	6	1	3	6	4	21.2
MU	0	1	0	1	1	1	2.9
GV	0	0	0	0	0	0	0.0
SR	0	0	0	0	0	0	0.0
OP	0	0	0	1	1	0	1.9
Balto. City CY	0	0	0	0	0	0	0.0
Parking Lots	0	0	0	0	0	0	0.0
Unknown	0	0	0	0	0	0	0.0
Fatal Crashes	16	24	17	24	23	21	100.0

**Frederick County
 County**

County	2016	2017	2018	2019	2020	AVG.	%
Allegany	0	0	0	0	0	0	0.0
Anne Arundel	0	0	0	0	0	0	0.0
Baltimore	0	0	0	0	0	0	0.0
Calvert	0	0	0	0	0	0	0.0
Caroline	0	0	0	0	0	0	0.0
Carroll	0	0	0	0	0	0	0.0
Cecil	0	0	0	0	0	0	0.0
Charles	0	0	0	0	0	0	0.0
Dorchester	0	0	0	0	0	0	0.0
Frederick	3,545	3,627	3,759	3,602	2,779	3,462	100.0
Garrett	0	0	0	0	0	0	0.0
Harford	0	0	0	0	0	0	0.0
Howard	0	0	0	0	0	0	0.0
Kent	0	0	0	0	0	0	0.0
Montgomery	0	0	0	0	0	0	0.0
Prince George's	0	0	0	0	0	0	0.0
Queen Anne's	0	0	0	0	0	0	0.0
St. Mary's	0	0	0	0	0	0	0.0
Somerset	0	0	0	0	0	0	0.0
Talbot	0	0	0	0	0	0	0.0
Washington	0	0	0	0	0	0	0.0
Wicomico	0	0	0	0	0	0	0.0
Worcester	0	0	0	0	0	0	0.0
Baltimore City	0	0	0	0	0	0	0.0
Total Crashes	3,545	3,627	3,759	3,602	2,779	3,462	100.0

County	2016	2017	2018	2019	2020	AVG.	%
Allegany	0	0	0	0	0	0	0.0
Anne Arundel	0	0	0	0	0	0	0.0
Baltimore	0	0	0	0	0	0	0.0
Calvert	0	0	0	0	0	0	0.0
Caroline	0	0	0	0	0	0	0.0
Carroll	0	0	0	0	0	0	0.0
Cecil	0	0	0	0	0	0	0.0
Charles	0	0	0	0	0	0	0.0
Dorchester	0	0	0	0	0	0	0.0
Frederick	1,220	1,207	1,167	1,125	812	1,106	100.0
Garrett	0	0	0	0	0	0	0.0
Harford	0	0	0	0	0	0	0.0
Howard	0	0	0	0	0	0	0.0
Kent	0	0	0	0	0	0	0.0
Montgomery	0	0	0	0	0	0	0.0
Prince George's	0	0	0	0	0	0	0.0
Queen Anne's	0	0	0	0	0	0	0.0
St. Mary's	0	0	0	0	0	0	0.0
Somerset	0	0	0	0	0	0	0.0
Talbot	0	0	0	0	0	0	0.0
Washington	0	0	0	0	0	0	0.0
Wicomico	0	0	0	0	0	0	0.0
Worcester	0	0	0	0	0	0	0.0
Baltimore City	0	0	0	0	0	0	0.0
Injury Crashes	1,220	1,207	1,167	1,125	812	1,106	100.0

County	2016	2017	2018	2019	2020	AVG.	%
Allegany	0	0	0	0	0	0	0.0
Anne Arundel	0	0	0	0	0	0	0.0
Baltimore	0	0	0	0	0	0	0.0
Calvert	0	0	0	0	0	0	0.0
Caroline	0	0	0	0	0	0	0.0
Carroll	0	0	0	0	0	0	0.0
Cecil	0	0	0	0	0	0	0.0
Charles	0	0	0	0	0	0	0.0
Dorchester	0	0	0	0	0	0	0.0
Frederick	16	24	17	24	23	21	100.0
Garrett	0	0	0	0	0	0	0.0
Harford	0	0	0	0	0	0	0.0
Howard	0	0	0	0	0	0	0.0
Kent	0	0	0	0	0	0	0.0
Montgomery	0	0	0	0	0	0	0.0
Prince George's	0	0	0	0	0	0	0.0
Queen Anne's	0	0	0	0	0	0	0.0
St. Mary's	0	0	0	0	0	0	0.0
Somerset	0	0	0	0	0	0	0.0
Talbot	0	0	0	0	0	0	0.0
Washington	0	0	0	0	0	0	0.0
Wicomico	0	0	0	0	0	0	0.0
Worcester	0	0	0	0	0	0	0.0
Baltimore City	0	0	0	0	0	0	0.0
Fatal Crashes	16	24	17	24	23	21	100.0

Frederick County
Month

Month	2016	2017	2018	2019	2020	AVG.	%
January	288	297	296	330	258	294	8.5
February	221	221	256	287	210	239	6.9
March	245	297	307	304	193	269	7.8
April	247	266	294	279	132	244	7.0
May	327	288	320	338	173	289	8.4
June	319	297	310	288	261	295	8.5
July	274	282	270	283	227	267	7.7
August	324	311	312	273	251	294	8.5
September	301	278	325	264	256	285	8.2
October	330	374	351	334	281	334	9.6
November	345	340	368	303	268	325	9.4
December	324	376	350	319	269	328	9.5
Unknown	0	0	0	0	0	0	0.0
Total Crashes	3,545	3,627	3,759	3,602	2,779	3,462	100.0

Month	2016	2017	2018	2019	2020	AVG.	%
January	85	95	89	90	82	88	8.0
February	70	79	74	88	58	74	6.7
March	81	94	77	89	61	80	7.3
April	101	97	92	85	32	81	7.4
May	124	97	99	107	51	96	8.6
June	113	99	124	103	76	103	9.3
July	104	102	88	89	74	91	8.3
August	124	102	112	85	78	100	9.1
September	94	101	106	107	79	97	8.8
October	125	138	110	99	70	108	9.8
November	104	105	98	81	69	91	8.3
December	95	98	98	102	82	95	8.6
Unknown	0	0	0	0	0	0	0.0
Injury Crashes	1,220	1,207	1,167	1,125	812	1,106	100.0

Month	2016	2017	2018	2019	2020	AVG.	%
January	0	5	0	1	2	2	7.7
February	2	1	0	0	1	1	3.8
March	1	1	2	0	2	1	5.8
April	1	2	0	2	1	1	5.8
May	1	1	3	5	4	3	13.5
June	3	1	4	2	3	3	12.5
July	1	1	1	3	3	2	8.7
August	2	2	0	4	1	2	8.7
September	2	4	1	2	1	2	9.6
October	1	2	1	3	2	2	8.7
November	1	2	3	1	2	2	8.7
December	1	2	2	1	1	1	6.7
Unknown	0	0	0	0	0	0	0.0
Fatal Crashes	16	24	17	24	23	21	100.0

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

September 28, 2021

Frederick County
Day of Week

Day of Week	2016	2017	2018	2019	2020	AVG.	%
Monday	507	515	578	488	399	497	14.4
Tuesday	525	556	543	549	394	513	14.8
Wednesday	522	550	547	488	401	502	14.5
Thursday	537	530	565	547	364	509	14.7
Friday	566	563	631	568	476	561	16.2
Saturday	471	466	480	472	389	456	13.2
Sunday	417	447	415	490	356	425	12.3
Unknown	0	0	0	0	0	0	0.0
Total Crashes	3,545	3,627	3,759	3,602	2,779	3,462	100.0

Day of Week	2016	2017	2018	2019	2020	AVG.	%
Monday	168	164	173	145	113	153	13.8
Tuesday	199	173	178	172	109	166	15.0
Wednesday	174	184	161	157	130	161	14.6
Thursday	166	186	178	171	114	163	14.7
Friday	188	182	190	195	145	180	16.3
Saturday	172	164	149	141	113	148	13.4
Sunday	153	154	138	144	88	135	12.2
Unknown	0	0	0	0	0	0	0.0
Injury Crashes	1,220	1,207	1,167	1,125	812	1,106	100.0

Day of Week	2016	2017	2018	2019	2020	AVG.	%
Monday	4	0	3	3	3	3	12.5
Tuesday	1	5	3	5	3	3	16.3
Wednesday	2	4	1	2	3	2	11.5
Thursday	4	5	2	2	2	3	14.4
Friday	1	3	2	1	4	2	10.6
Saturday	3	2	3	5	4	3	16.3
Sunday	1	5	3	6	4	4	18.3
Unknown	0	0	0	0	0	0	0.0
Fatal Crashes	16	24	17	24	23	21	100.0

Frederick County
Time of Day

Time of Day	2016	2017	2018	2019	2020	AVG.	%
12:00 Midnight	62	67	59	69	57	63	1.8
1:00	62	71	74	52	55	63	1.8
2:00	47	49	54	58	45	51	1.5
3:00	45	44	46	47	42	45	1.3
4:00	60	51	55	48	37	50	1.4
5:00	95	98	98	83	54	86	2.5
6:00	122	117	115	136	100	118	3.4
7:00	177	177	202	185	116	171	5.0
8:00	187	168	188	171	86	160	4.6
9:00	128	184	174	179	99	153	4.4
10:00	156	167	182	145	121	154	4.5
11:00	156	142	160	171	119	150	4.3
12:00 Noon	186	217	227	177	160	193	5.6
1:00	176	193	199	198	175	188	5.4
2:00	222	231	243	219	186	220	6.4
3:00	260	259	312	292	219	268	7.8
4:00	261	269	257	294	191	254	7.3
5:00	303	301	310	287	217	284	8.2
6:00	245	236	224	228	172	221	6.4
7:00	164	160	139	143	133	148	4.3
8:00	133	122	122	111	128	123	3.6
9:00	115	119	109	123	112	116	3.3
10:00	95	99	120	97	77	98	2.8
11:00	88	86	90	89	78	86	2.5
Unknown	0	0	0	0	0	0	0.0
Total Crashes	3,545	3,627	3,759	3,602	2,779	3,462	100.0

Time of Day	2016	2017	2018	2019	2020	AVG.	%
12:00 Midnight	25	15	12	15	15	16	1.5
1:00	24	18	17	13	11	17	1.5
2:00	15	11	11	12	9	12	1.0
3:00	12	13	11	7	7	10	0.9
4:00	17	13	8	7	13	12	1.0
5:00	29	30	21	22	12	23	2.1
6:00	30	30	28	38	28	31	2.8
7:00	68	60	63	53	30	55	5.0
8:00	74	60	62	43	27	53	4.8
9:00	40	76	57	52	25	50	4.5
10:00	51	64	57	46	35	51	4.6
11:00	56	54	53	47	36	49	4.4
12:00 Noon	68	82	81	65	52	70	6.3
1:00	60	71	53	67	64	63	5.7
2:00	91	72	73	86	61	77	6.9
3:00	93	81	109	106	66	91	8.2
4:00	90	93	93	96	59	86	7.8
5:00	100	94	126	95	59	95	8.6
6:00	78	83	76	81	48	73	6.6
7:00	65	47	46	48	44	50	4.5
8:00	37	45	24	33	44	37	3.3
9:00	39	41	34	46	36	39	3.5
10:00	28	33	34	27	14	27	2.5
11:00	30	21	18	20	17	21	1.9
Unknown	0	0	0	0	0	0	0.0
Injury Crashes	1,220	1,207	1,167	1,125	812	1,106	100.0

Time of Day	2016	2017	2018	2019	2020	AVG.	%
12:00 Midnight	1	1	0	0	1	1	2.9
1:00	0	0	0	1	1	0	1.9
2:00	1	0	0	1	0	0	1.9
3:00	0	1	1	1	0	1	2.9
4:00	1	1	3	2	0	1	6.7
5:00	1	0	0	0	1	0	1.9
6:00	0	2	0	0	0	0	1.9
7:00	0	2	0	2	1	1	4.8
8:00	1	0	0	2	0	1	2.9
9:00	0	3	2	1	1	1	6.7
10:00	1	1	0	0	0	0	1.9
11:00	1	1	2	0	0	1	3.8
12:00 Noon	0	0	1	2	0	1	2.9
1:00	1	1	0	2	2	1	5.8
2:00	1	0	0	0	1	0	1.9
3:00	3	2	0	1	3	2	8.7
4:00	1	1	1	0	2	1	4.8
5:00	0	2	2	3	0	1	6.7
6:00	1	1	2	1	2	1	6.7
7:00	0	0	0	1	1	0	1.9
8:00	0	2	1	1	1	1	4.8
9:00	0	2	0	0	3	1	4.8
10:00	1	0	2	1	2	1	5.8
11:00	1	1	0	2	1	1	4.8
Unknown	0	0	0	0	0	0	0.0
Fatal Crashes	16	24	17	24	23	21	100.0

Frederick County
Driver Age

Driver Age	2016	2017	2018	2019	2020	AVG.	%
15 and Under	7	7	3	8	4	6	0.1
16	56	64	56	48	33	51	0.9
17	175	152	148	140	84	140	2.3
18	146	170	157	136	114	145	2.4
19	155	143	129	158	118	141	2.4
20	157	156	152	133	93	138	2.3
21 - 24	579	612	596	525	458	554	9.3
25 - 29	691	725	718	746	511	678	11.4
30 - 34	557	594	643	653	428	575	9.7
35 - 39	497	480	577	565	413	506	8.5
40 - 44	450	409	469	499	323	430	7.2
45 - 49	477	487	487	459	296	441	7.4
50 - 54	486	524	528	442	319	460	7.7
55 - 59	429	378	439	429	317	398	6.7
60 - 64	310	332	329	293	222	297	5.0
65 - 69	211	216	225	217	143	202	3.4
70 - 79	197	274	248	249	164	226	3.8
80 +	85	102	76	87	60	82	1.4
Unknown	487	558	502	466	398	482	8.1
Total Drivers	6,152	6,383	6,482	6,253	4,498	5,954	100.0

Driver Age	2016	2017	2018	2019	2020	AVG.	%
15 and Under	2	1	1	2	2	2	0.1
16	14	10	6	8	2	8	0.7
17	38	31	22	23	14	26	2.4
18	30	25	36	20	23	27	2.5
19	30	30	23	30	20	27	2.4
20	36	32	22	21	26	27	2.5
21 - 24	129	125	109	96	76	107	9.8
25 - 29	141	132	127	152	78	126	11.6
30 - 34	113	105	114	121	92	109	10.0
35 - 39	87	100	115	120	78	100	9.2
40 - 44	85	77	96	90	58	81	7.5
45 - 49	109	86	104	80	45	85	7.8
50 - 54	84	120	93	98	69	93	8.5
55 - 59	95	100	79	83	62	84	7.7
60 - 64	57	76	72	48	53	61	5.6
65 - 69	40	57	53	43	40	47	4.3
70 - 79	40	70	55	67	41	55	5.0
80 +	31	24	19	21	10	21	1.9
Unknown	2	2	5	2	1	2	0.2
Injured Drivers	1,163	1,203	1,151	1,125	790	1,086	100.0

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	0	0	0	0	0.0
18	0	0	0	0	0	0	0.0
19	1	0	0	1	0	0	2.4
20	0	1	0	0	1	0	2.4
21 - 24	1	0	0	1	1	1	3.7
25 - 29	1	1	0	3	1	1	7.3
30 - 34	0	0	0	1	3	1	4.9
35 - 39	2	1	2	2	2	2	11.0
40 - 44	2	2	0	2	1	1	8.5
45 - 49	0	1	4	1	3	2	11.0
50 - 54	2	3	0	2	1	2	9.8
55 - 59	2	2	0	2	2	2	9.8
60 - 64	1	2	0	0	0	1	3.7
65 - 69	0	0	2	0	1	1	3.7
70 - 79	1	0	3	1	2	1	8.5
80 +	2	3	1	3	1	2	12.2
Unknown	0	0	0	1	0	0	1.2
Driver Fatalities	15	16	12	20	19	16	100.0

**Frederick County
 Driver Gender**

Driver Gender	2016	2017	2018	2019	2020	AVG.	%
Male	3,373	3,525	3,590	3,518	2,649	3,331	55.9
Female	2,281	2,275	2,369	2,245	1,454	2,125	35.7
Unknown	498	583	523	490	395	498	8.4
Total Drivers	6,152	6,383	6,482	6,253	4,498	5,954	100.0

Driver Gender	2016	2017	2018	2019	2020	AVG.	%
Male	595	619	531	604	457	561	51.7
Female	564	580	614	516	332	521	48.0
Unknown	4	4	6	5	1	4	0.4
Driver Injuries	1,163	1,203	1,151	1,125	790	1,086	100.0

Driver Gender	2016	2017	2018	2019	2020	AVG.	%
Male	13	14	10	16	18	14	86.6
Female	2	2	2	3	1	2	12.2
Unknown	0	0	0	1	0	0	1.2
Driver Fatalities	15	16	12	20	19	16	100.0

**Frederick County
 Driver Safety Equipment Use**

Safety Equipment	2016	2017	2018	2019	2020	AVG.	%
Not Applicable	182	193	147	152	96	154	2.6
None	121	128	144	118	152	133	2.2
Lap belt only	10	2	7	8	4	6	0.1
Shoulder belt only	29	20	15	16	11	18	0.3
Shoulder/Lap belt(s)	4,994	5,044	5,196	4,989	3,564	4,757	79.9
Child/Youth restraint	0	0	0	0	0	0	0.0
Child restraint forward	0	1	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	1	0	0	0	0.0
Mc/Bike helmet	52	50	35	38	43	44	0.7
Mc/bike shield only	1	1	0	3	1	1	0.0
Mc/bike helmet & shield	30	29	17	23	25	25	0.4
Protective pads	3	1	0	1	1	1	0.0
Reflective clothing	0	1	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	2	0	2	3	2	0.0
Unknown	728	911	920	903	598	812	13.6
Total Drivers	6,152	6,383	6,482	6,253	4,498	5,954	100.0

Safety Equipment	2016	2017	2018	2019	2020	AVG.	%
Not Applicable	25	36	26	27	12	25	2.3
None	55	58	60	52	70	59	5.4
Lap belt only	4	1	3	1	2	2	0.2
Shoulder belt only	5	4	2	3	1	3	0.3
Shoulder/Lap belt(s)	960	950	936	905	622	875	80.5
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 unknown	0	0	0	0	0	0	0.0
Mc/Bike helmet	40	41	28	28	34	34	3.1
Mc/bike shield only	1	0	0	3	1	1	0.1
Mc/bike helmet & shield	26	24	13	20	14	19	1.8
Protective pads	2	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	45	89	83	86	34	67	6.2
Driver Injuries	1,163	1,203	1,151	1,125	790	1,086	100.0

Safety Equipment	2016	2017	2018	2019	2020	AVG.	%
Not Applicable	0	1	0	0	0	0	1.2
None	4	6	3	8	7	6	34.1
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)	8	5	7	5	7	6	39.0
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	1	2	1	4	2	2	12.2
Mc/bike shield only	0	1	0	0	0	0	1.2
Mc/bike helmet & shield	1	0	0	2	3	1	7.3
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	1	1	1	1	0	1	4.9
Driver Fatalities	15	16	12	20	19	16	100.0

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

Frederick County
Passenger Age

Passenger Age	2016	2017	2018	2019	2020	AVG.	%
Under 5	142	200	209	221	127	180	10.8
5 - 9	140	170	160	184	90	149	9.0
10 - 11	66	59	87	76	32	64	3.9
12 - 13	52	69	66	72	36	59	3.6
14 - 15	73	84	100	137	45	88	5.3
16 - 17	107	113	111	138	75	109	6.6
18 - 19	100	106	90	113	90	100	6.0
20 - 24	159	175	185	184	162	173	10.4
25 - 29	115	149	163	134	127	138	8.3
30 - 34	86	111	121	106	93	103	6.2
35 - 39	54	78	106	76	68	76	4.6
40 - 44	59	54	72	72	55	62	3.8
45 - 49	45	64	87	56	34	57	3.5
50 - 54	52	68	90	70	48	66	4.0
55 - 59	51	73	70	72	29	59	3.6
60 - 64	38	54	64	57	42	51	3.1
65 - 69	36	41	37	51	23	38	2.3
70 - 79	39	58	62	66	29	51	3.1
80 +	19	69	41	36	12	35	2.1
Unknown	1	0	0	0	0	0	0.0
Total Passengers	1,434	1,795	1,921	1,921	1,217	1,658	100.0

Passenger Age	2016	2017	2018	2019	2020	AVG.	%
Under 5	30	39	39	40	30	36	9.7
5 - 9	31	45	34	39	17	33	9.0
10 - 11	17	13	20	25	5	16	4.4
12 - 13	15	13	14	15	5	12	3.4
14 - 15	11	21	18	16	7	15	4.0
16 - 17	24	23	20	32	17	23	6.3
18 - 19	25	22	19	13	18	19	5.3
20 - 24	32	40	44	46	35	39	10.7
25 - 29	24	28	30	22	33	27	7.5
30 - 34	15	24	21	16	20	19	5.2
35 - 39	17	13	21	17	19	17	4.7
40 - 44	17	11	20	20	12	16	4.4
45 - 49	9	13	17	9	11	12	3.2
50 - 54	18	17	24	15	9	17	4.5
55 - 59	17	26	19	11	8	16	4.4
60 - 64	11	11	17	13	13	13	3.5
65 - 69	12	12	9	12	6	10	2.8
70 - 79	11	20	18	14	14	15	4.2
80 +	11	14	13	9	2	10	2.7
Unknown	1	0	0	0	0	0	0.1
Injured Passengers	348	405	417	384	281	367	100.0

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	1	0	0	0	7.7
14 - 15	0	0	0	0	0	0	0.0
16 - 17	0	0	0	0	0	0	0.0
18 - 19	0	1	0	0	0	0	7.7
20 - 24	1	0	0	1	1	1	23.1
25 - 29	0	2	0	0	0	0	15.4
30 - 34	0	0	0	0	0	0	0.0
35 - 39	0	2	0	0	0	0	15.4
40 - 44	0	0	0	0	0	0	0.0
45 - 49	0	0	0	0	0	0	0.0
50 - 54	0	0	0	0	0	0	0.0
55 - 59	0	1	0	0	0	0	7.7
60 - 64	0	0	0	0	0	0	0.0
65 - 69	0	0	0	1	0	0	7.7
70 - 79	0	0	0	0	1	0	7.7
80 +	0	1	0	0	0	0	7.7
Unknown	0	0	0	0	0	0	0.0
Passenger Fatalities	1	7	1	2	2	3	100.0

**Frederick County
 Passenger Gender**

	2016	2017	2018	2019	2020	AVG.	%
Passenger Gender							
Male	660	847	934	911	527	776	46.8
Female	773	935	975	1,000	687	874	52.7
Unknown	1	13	12	10	3	8	0.5
Total Passengers	1,434	1,795	1,921	1,921	1,217	1,658	100.0

	2016	2017	2018	2019	2020	AVG.	%
Passenger Gender							
Male	135	163	159	149	102	142	38.6
Female	213	240	258	234	178	225	61.2
Unknown	0	2	0	1	1	1	0.2
Passenger Injuries	348	405	417	384	281	367	100.0

	2016	2017	2018	2019	2020	AVG.	%
Passenger Gender							
Male	1	6	0	1	2	2	76.9
Female	0	1	1	1	0	1	23.1
Unknown	0	0	0	0	0	0	0.0
Passenger Fatalities	1	7	1	2	2	3	100.0

Frederick County
Passenger Safety Equipment Use

Safety Equipment	2016	2017	2018	2019	2020	AVG.	%
Not Applicable	26	50	60	53	20	42	2.5
None	57	118	61	116	75	85	5.2
Lap belt only	7	6	7	3	2	5	0.3
Shoulder belt only	6	3	5	3	3	4	0.2
Shoulder/Lap belt(s)	1,073	1,244	1,380	1,320	919	1,187	71.6
Child/Youth restraint	0	0	0	0	0	0	0.0
Child restraint forward	119	141	130	145	81	123	7.4
Child restraint rear	32	56	55	71	29	49	2.9
Booster seat	27	31	44	45	16	33	2.0
Child restraint unk.	9	23	25	15	18	18	1.1
Mc/Bike helmet	5	2	2	2	5	3	0.2
Mc/bike shield only	0	0	0	0	0	0	0.0
Mc/bike helmet & shield	2	2	0	4	2	2	0.1
Protective pads	0	0	3	3	0	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	3	5	2	0	2	0.1
Unknown	70	116	144	139	47	103	6.2
Total Passengers	1,434	1,795	1,921	1,921	1,217	1,658	100.0

Safety Equipment	2016	2017	2018	2019	2020	AVG.	%
Not Applicable	3	3	8	13	2	6	1.6
None	25	35	21	25	35	28	7.7
Lap belt only	0	2	0	0	0	0	0.1
Shoulder belt only	1	1	3	2	2	2	0.5
Shoulder/Lap belt(s)	259	275	307	264	191	259	70.6
Child/Youth restraint	0	0	0	0	0	0	0.0
Child restraint forward	20	35	23	29	15	24	6.6
Child restraint rear	8	9	10	13	9	10	2.7
Booster seat	9	7	7	12	4	8	2.1
Child restraint unk.	5	6	6	3	5	5	1.4
Mc/Bike helmet	3	2	1	2	5	3	0.7
Mc/bike shield only	0	0	0	0	0	0	0.0
Mc/bike helmet & shield	2	2	0	4	2	2	0.5
Protective pads	0	0	1	0	0	0	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	0	0	0	0	0	0	0.0
Unknown	13	28	30	17	11	20	5.4
Passenger Injuries	348	405	417	384	281	367	100.0

Safety Equipment	2016	2017	2018	2019	2020	AVG.	%
Not Applicable	0	0	0	0	0	0	0.0
None	1	4	0	0	1	1	46.2
Lap belt only	0	0	1	0	0	0	7.7
Shoulder belt only	0	0	0	0	0	0	0.0
Shoulder/Lap belt(s)	0	3	0	2	1	1	46.2
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 unk.	0	0	0	0	0	0	0.0
Mc/Bike helmet	0	0	0	0	0	0	0.0
Mc/bike shield only	0	0	0	0	0	0	0.0
Mc/bike helmet & shield	0	0	0	0	0	0	0.0
Protective pads	0	0	0	0	0	0	0.0
Reflective clothing	0	0	0	0	0	0	0.0
Lighting	0	0	0	0	0	0	0.0
Air bag only	0	0	0	0	0	0	0.0
Air bag and belts	0	0	0	0	0	0	0.0
Other	0	0	0	0	0	0	0.0
Unknown	0	0	0	0	0	0	0.0
Passenger Fatalities	1	7	1	2	2	3	100.0

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

**Frederick County
 Non-Motorist Age**

Non-Motorist Age	2016	2017	2018	2019	2020	AVG.	%
Under 5	6	4	2	0	2	3	3.0
5 - 9	4	4	6	1	0	3	3.3
10 - 15	5	7	7	8	4	6	6.7
16 - 17	5	8	5	4	3	5	5.4
18 - 19	1	3	2	3	5	3	3.0
20 - 24	11	7	14	5	3	8	8.7
25 - 29	13	13	7	11	9	11	11.5
30 - 34	10	14	11	4	5	9	9.5
35 - 39	9	7	7	5	7	7	7.6
40 - 44	6	5	7	3	4	5	5.4
45 - 49	7	3	7	4	3	5	5.2
50 - 54	6	5	8	3	4	5	5.6
55 - 59	9	8	3	9	6	7	7.6
60 - 64	4	2	10	5	2	5	5.0
65 - 69	3	5	2	3	0	3	2.8
70 - 79	4	8	6	3	3	5	5.2
80 +	2	3	6	7	2	4	4.3
Unknown	0	0	0	0	0	0	0.0
Total Non-Motorists	105	106	110	78	62	92	100.0

Non-Motorist Age	2016	2017	2018	2019	2020	AVG.	%
Under 5	5	3	1	0	1	2	2.8
5 - 9	4	3	6	1	0	3	3.9
10 - 15	4	6	6	7	3	5	7.2
16 - 17	4	4	4	4	3	4	5.2
18 - 19	1	1	2	2	3	2	2.5
20 - 24	10	6	12	4	3	7	9.6
25 - 29	11	11	6	9	7	9	12.1
30 - 34	9	12	7	4	4	7	9.9
35 - 39	8	7	4	4	6	6	8.0
40 - 44	5	3	5	3	2	4	5.0
45 - 49	5	3	4	4	2	4	5.0
50 - 54	6	4	5	3	4	4	6.1
55 - 59	6	6	1	6	4	5	6.3
60 - 64	3	2	6	2	1	3	3.9
65 - 69	2	4	2	3	0	2	3.0
70 - 79	4	5	4	3	2	4	5.0
80 +	1	3	6	6	1	3	4.7
Unknown	0	0	0	0	0	0	0.0
Inj. Non-Motorists	88	83	81	65	46	73	100.0

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	8.3
18 - 19	0	0	0	0	0	0	0.0
20 - 24	0	0	1	1	0	0	16.7
25 - 29	0	0	0	0	0	0	0.0
30 - 34	0	0	1	0	0	0	8.3
35 - 39	0	0	0	0	0	0	0.0
40 - 44	0	0	0	0	1	0	8.3
45 - 49	0	0	0	0	0	0	0.0
50 - 54	0	1	0	0	0	0	8.3
55 - 59	0	1	0	1	1	1	25.0
60 - 64	0	0	2	0	0	0	16.7
65 - 69	0	0	0	0	0	0	0.0
70 - 79	0	1	0	0	0	0	8.3
80 +	0	0	0	0	0	0	0.0
Unknown	0	0	0	0	0	0	0.0
Non-Motor. Fatalities	0	4	4	2	2	2	100.0

**Frederick County
 Non-Motorist Gender**

	2016	2017	2018	2019	2020	AVG.	%
Non-Motorist Gender							
Male	60	67	64	49	45	57	61.8
Female	45	39	46	29	17	35	38.2
Unknown	0	0	0	0	0	0	0.0
Total Non-Motorists	105	106	110	78	62	92	100.0

	2016	2017	2018	2019	2020	AVG.	%
Non-Motorist Gender							
Male	51	52	47	39	34	45	61.4
Female	37	31	34	26	12	28	38.6
Unknown	0	0	0	0	0	0	0.0
Non-Motorist Injuries	88	83	81	65	46	73	100.0

	2016	2017	2018	2019	2020	AVG.	%
Non-Motorist Gender							
Male	0	3	4	1	2	2	83.3
Female	0	1	0	1	0	0	16.7
Unknown	0	0	0	0	0	0	0.0
Non-Motorist Fatalities	0	4	4	2	2	2	100.0

**Frederick County
 Non-Motorist Location**

Non-Motorist Location	2016	2017	2018	2019	2020	AVG.	%
Not App.	8	2	2	2	4	4	3.9
Shoulder	13	7	9	7	10	9	10.0
Curb	3	2	2	0	0	1	1.5
Sidewalk	5	7	6	6	3	5	5.9
Outside Right of Way	3	2	3	1	2	2	2.4
On Rd. at Crosswalk	15	21	9	10	6	12	13.2
On Rd. Not at Cross.	20	28	18	22	14	20	22.1
In School Bus Zone	0	0	0	0	0	0	0.0
In Bikeway	0	1	0	1	0	0	0.4
At Inter Marked Crosswalk	3	3	9	3	2	4	4.3
At Inter No Crosswalk	6	5	12	5	2	6	6.5
Driveway Access	0	0	0	2	0	0	0.4
Median	1	0	1	1	0	1	0.7
Island	0	0	0	0	0	0	0.0
Shared Use Path or Trail	1	2	1	0	0	1	0.9
Inside Building	1	1	10	2	3	3	3.7
Midblock Marked Crosswalk	1	0	0	0	0	0	0.2
Other/Unk.	25	25	28	16	16	22	23.9
Total Non-Motorists	105	106	110	78	62	92	100.0

Non-Motorist Location	2016	2017	2018	2019	2020	AVG.	%
Not App.	2	1	0	0	1	1	1.1
Shoulder	10	5	6	6	7	7	9.4
Curb	3	2	2	0	0	1	1.9
Sidewalk	5	5	5	6	3	5	6.6
Outside Right of Way	3	2	3	1	2	2	3.0
On Rd. at Crosswalk	15	19	9	8	5	11	15.4
On Rd. Not at Cross.	19	22	14	18	12	17	23.4
In School Bus Zone	0	0	0	0	0	0	0.0
In Bikeway	0	1	0	1	0	0	0.6
Inter Marked Crosswalk	3	2	8	3	2	4	5.0
At Inters No Crosswalk	5	4	11	5	2	5	7.4
Driveway Access	0	0	0	2	0	0	0.6
Median	1	0	0	1	0	0	0.6
Island	0	0	0	0	0	0	0.0
Shared Use Path or Trail	1	1	1	0	0	1	0.8
Inside Building	0	0	1	0	0	0	0.3
Midblock Marked Crosswalk	1	0	0	0	0	0	0.3
Other/Unk.	20	19	21	14	12	17	23.7
Injured Non-Motorists	88	83	81	65	46	73	100.0

Non-Motorist Location	2016	2017	2018	2019	2020	AVG.	%
Not App.	0	0	0	0	0	0	0.0
Shoulder	0	0	2	0	0	0	16.7
Curb	0	0	0	0	0	0	0.0
Sidewalk	0	0	0	0	0	0	0.0
Outside Right of Way	0	0	0	0	0	0	0.0
On Rd. at Crosswalk	0	0	0	0	0	0	0.0
On Rd. Not at Cross.	0	3	2	2	1	2	66.7
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	0	0	0	0	0	0.0
At Inters No Crosswalk	0	1	0	0	0	0	8.3
Driveway Access	0	0	0	0	0	0	0.0
Median	0	0	0	0	0	0	0.0
Island	0	0	0	0	0	0	0.0
Shared Use Path or 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	8.3
Non-Motorist Fatalities	0	4	4	2	2	2	100.0

**Frederick County
 Non-Motorist Movement**

Non-Motorist Movement	2016	2017	2018	2019	2020	AVG.	%
Cross. at Intersection	25	27	31	21	13	23	25.4
Cross. Not at Inter.	14	14	18	12	8	13	14.3
Walk/Ride with Traff.	12	13	8	6	8	9	10.2
Walk/Ride against Tra.	5	6	2	5	8	5	5.6
Playing	1	3	2	0	1	1	1.5
Standing	14	15	7	10	3	10	10.6
Getting On/Off Veh.	1	1	1	1	1	1	1.1
Push/Work on Veh.	1	1	0	0	0	0	0.4
Other Working	2	1	8	1	4	3	3.5
Hitchhiking	0	0	0	0	0	0	0.0
On / Off School Bus	0	0	1	0	0	0	0.2
Walking to from school	0	2	0	1	1	1	0.9
Walking cycling on sidewalk	4	4	2	2	0	2	2.6
Other / Unknown	26	19	30	19	15	22	23.6
Total Non-Motorists	105	106	110	78	62	92	100.0

Non-Motorist Movement	2016	2017	2018	2019	2020	AVG.	%
Cross. at Intersection	24	23	29	19	11	21	29.2
Cross. Not at Inter.	12	12	14	11	5	11	14.9
Walk/Ride with Traff.	10	9	7	4	7	7	10.2
Walk/Ride against Tra.	5	5	2	5	8	5	6.9
Playing	1	3	2	0	1	1	1.9
Standing	12	14	6	8	3	9	11.8
Getting On/Off Veh.	1	1	0	1	1	1	1.1
Push/Work on Veh.	0	1	0	0	0	0	0.3
Other Working	2	0	5	1	3	2	3.0
Hitchhiking	0	0	0	0	0	0	0.0
On / Off School Bus	0	0	1	0	0	0	0.3
Walking to from school	0	1	0	1	1	1	0.8
Walking cycling on sidewalk	4	2	2	2	0	2	2.8
Other / Unknown	17	12	13	13	6	12	16.8
Injured Non-Motorists	88	83	81	65	46	73	100.0

Non-Motorist Movement	2016	2017	2018	2019	2020	AVG.	%
Cross. at Intersection	0	1	0	0	0	0	8.3
Cross. Not at Inter.	0	1	2	1	1	1	41.7
Walk/Ride with Traff.	0	2	0	1	0	1	25.0
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	0	0	0	0.0
Getting On/Off Veh.	0	0	1	0	0	0	8.3
Push/Work on Veh.	0	0	0	0	0	0	0.0
Other Working	0	0	1	0	0	0	8.3
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	0	0	1	0	8.3
Non-Motorist Fatalities	0	4	4	2	2	2	100.0