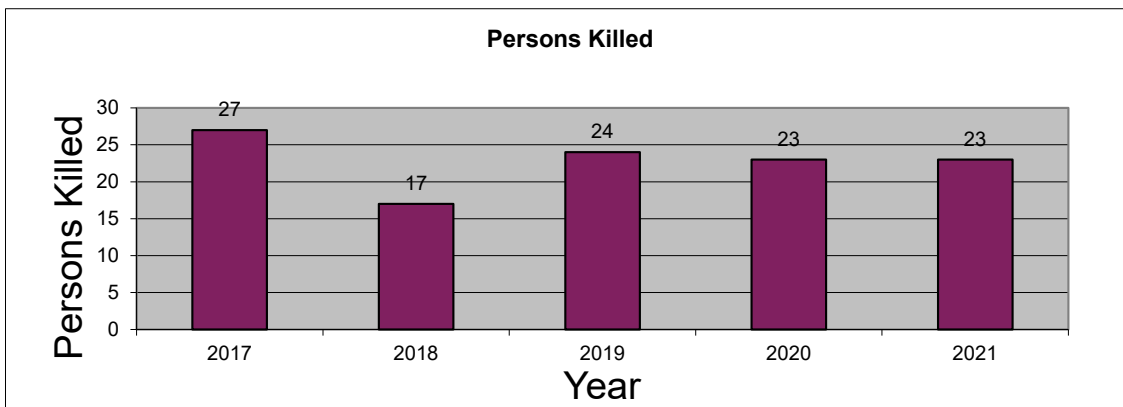
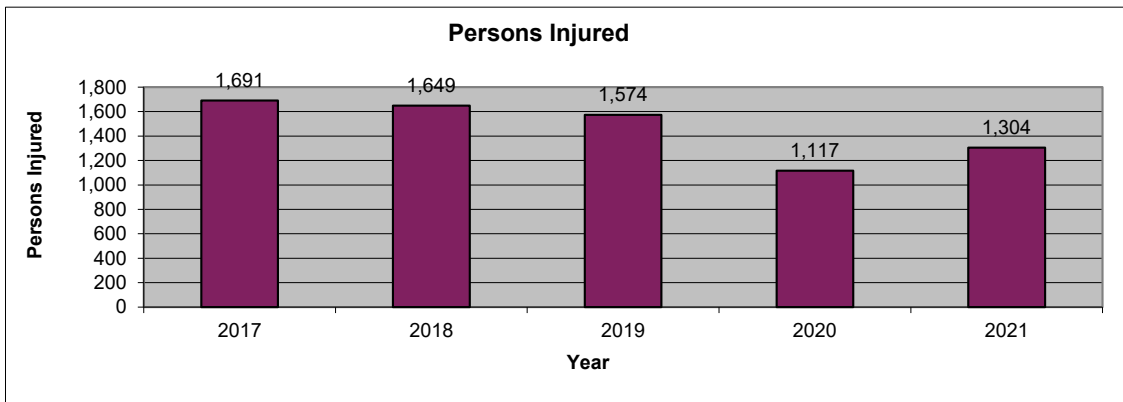
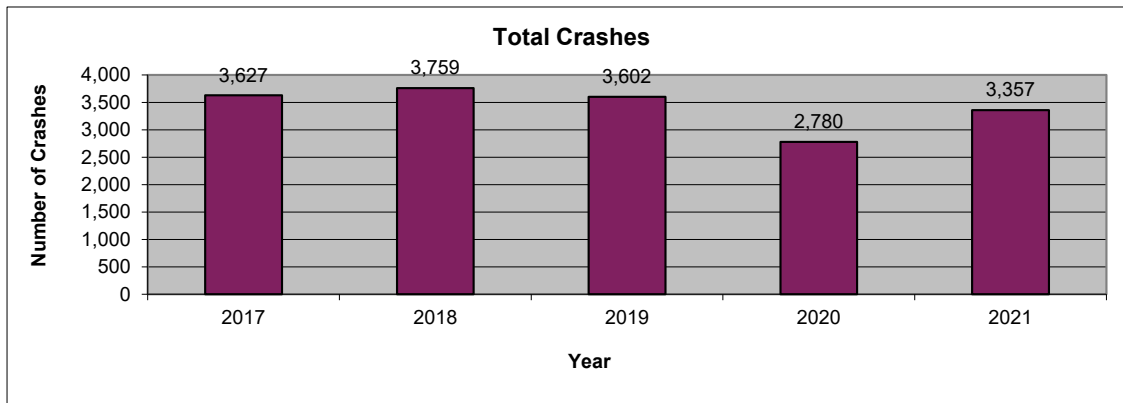


Frederick County Crash Summary

	2017	2018	2019	2020	2021	5 Year AVG.	%
Fatal Crashes	24	17	24	23	23	22	0.6
Injury Crashes	1,207	1,167	1,125	812	962	1055	30.8
Property Damage Crashes	2,396	2,575	2,453	1,945	2,372	2,348	68.6
Total Crashes	3,627	3,759	3,602	2,780	3,357	3,425	100.0
Total of All Fatalities	27	17	24	23	23	23	
Total Number Injured	1,691	1,649	1,574	1,117	1,304	1,467	



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.

**Frederick County
 Route Type**

Route Type	2017	2018	2019	2020	2021	AVG.	%
IS	633	690	678	561	639	640	18.7
US	607	649	576	451	555	568	16.6
MD	828	890	918	700	859	839	24.5
CO	669	686	671	531	589	629	18.4
MU	464	475	424	309	399	414	12.1
GV	1	0	0	0	0	0	0.0
SR	0	0	2	0	0	0	0.0
OP	35	45	36	34	30	36	1.1
Balto. City CY	0	0	0	0	0	0	0.0
Parking Lots	183	175	163	95	124	148	4.3
Unknown	207	149	134	99	162	150	4.4
Total Crashes	3,627	3,759	3,602	2,780	3,357	3,425	100.0

Route Type	2017	2018	2019	2020	2021	AVG.	%
IS	193	197	185	141	150	173	16.4
US	209	201	182	141	171	181	17.1
MD	272	280	291	212	250	261	24.7
CO	199	193	198	142	147	176	16.7
MU	230	214	190	132	173	188	17.8
GV	0	0	0	0	0	0	0.0
SR	0	0	1	0	0	0	0.0
OP	12	16	13	13	10	13	1.2
Balto. City CY	0	0	0	0	0	0	0.0
Parking Lots	35	30	30	12	20	25	2.4
Unknown	57	36	35	19	41	38	3.6
Injury Crashes	1,207	1,167	1,125	812	962	1,055	100.0

Route Type	2017	2018	2019	2020	2021	AVG.	%
IS	6	4	6	3	3	4	19.8
US	3	7	9	5	9	7	29.7
MD	8	5	4	7	4	6	25.2
CO	6	1	3	6	6	4	19.8
MU	1	0	1	1	1	1	3.6
GV	0	0	0	0	0	0	0.0
SR	0	0	0	0	0	0	0.0
OP	0	0	1	1	0	0	1.8
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	24	17	24	23	23	22	100.0

Frederick County
County

County	2017	2018	2019	2020	2021	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	3,627	3,759	3,602	2,780	3,357	3,425	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	3,627	3,759	3,602	2,780	3,357	3,425	100.0

County	2017	2018	2019	2020	2021	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	1,207	1,167	1,125	812	962	1,055	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	1,207	1,167	1,125	812	962	1,055	100.0

County	2017	2018	2019	2020	2021	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	24	17	24	23	23	22	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	24	17	24	23	23	22	100.0

Frederick County
Month

Month	2017	2018	2019	2020	2021	AVG.	%
January	297	296	330	258	249	286	8.4
February	221	256	287	210	200	235	6.9
March	297	307	304	193	236	267	7.8
April	266	294	279	132	206	235	6.9
May	288	320	338	173	293	282	8.2
June	297	310	288	261	279	287	8.4
July	282	270	283	227	311	275	8.0
August	311	312	273	251	308	291	8.5
September	278	325	264	256	319	288	8.4
October	374	351	334	282	333	335	9.8
November	340	368	303	268	325	321	9.4
December	376	350	319	269	298	322	9.4
Unknown	0	0	0	0	0	0	0.0
Total Crashes	3,627	3,759	3,602	2,780	3,357	3,425	100.0

Month	2017	2018	2019	2020	2021	AVG.	%
January	95	89	90	82	63	84	7.9
February	79	74	88	58	51	70	6.6
March	94	77	89	61	68	78	7.4
April	97	92	85	32	72	76	7.2
May	97	99	107	51	108	92	8.8
June	99	124	103	76	83	97	9.2
July	102	88	89	74	92	89	8.4
August	102	112	85	78	94	94	8.9
September	101	106	107	79	90	97	9.2
October	138	110	99	70	99	103	9.8
November	105	98	81	69	70	85	8.0
December	98	98	102	82	72	90	8.6
Unknown	0	0	0	0	0	0	0.0
Injury Crashes	1,207	1,167	1,125	812	962	1,055	100.0

Month	2017	2018	2019	2020	2021	AVG.	%
January	5	0	1	2	2	2	9.0
February	1	0	0	1	1	1	2.7
March	1	2	0	2	2	1	6.3
April	2	0	2	1	2	1	6.3
May	1	3	5	4	3	3	14.4
June	1	4	2	3	1	2	9.9
July	1	1	3	3	3	2	9.9
August	2	0	4	1	3	2	9.0
September	4	1	2	1	0	2	7.2
October	2	1	3	2	2	2	9.0
November	2	3	1	2	2	2	9.0
December	2	2	1	1	2	2	7.2
Unknown	0	0	0	0	0	0	0.0
Fatal Crashes	24	17	24	23	23	22	100.0

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

July 21, 2022

Frederick County
Day of Week

Day of Week	2017	2018	2019	2020	2021	AVG.	%
Monday	515	578	488	399	504	497	14.5
Tuesday	556	543	549	394	440	496	14.5
Wednesday	550	547	488	401	481	493	14.4
Thursday	530	565	547	364	519	505	14.7
Friday	563	631	568	476	547	557	16.3
Saturday	466	480	472	390	479	457	13.4
Sunday	447	415	490	356	387	419	12.2
Unknown	0	0	0	0	0	0	0.0
Total Crashes	3,627	3,759	3,602	2,780	3,357	3,425	100.0

Day of Week	2017	2018	2019	2020	2021	AVG.	%
Monday	164	173	145	113	146	148	14.1
Tuesday	173	178	172	109	120	150	14.3
Wednesday	184	161	157	130	131	153	14.5
Thursday	186	178	171	114	156	161	15.3
Friday	182	190	195	145	170	176	16.7
Saturday	164	149	141	113	141	142	13.4
Sunday	154	138	144	88	98	124	11.8
Unknown	0	0	0	0	0	0	0.0
Injury Crashes	1,207	1,167	1,125	812	962	1,055	100.0

Day of Week	2017	2018	2019	2020	2021	AVG.	%
Monday	0	3	3	3	4	3	11.7
Tuesday	5	3	5	3	2	4	16.2
Wednesday	4	1	2	3	0	2	9.0
Thursday	5	2	2	2	3	3	12.6
Friday	3	2	1	4	5	3	13.5
Saturday	2	3	5	4	4	4	16.2
Sunday	5	3	6	4	5	5	20.7
Unknown	0	0	0	0	0	0	0.0
Fatal Crashes	24	17	24	23	23	22	100.0

Frederick County
Time of Day

Time of Day	2017	2018	2019	2020	2021	AVG.	%
12:00 Midnight	67	59	69	57	74	65	1.9
1:00	71	74	52	55	69	64	1.9
2:00	49	54	58	45	49	51	1.5
3:00	44	46	47	42	41	44	1.3
4:00	51	55	48	37	60	50	1.5
5:00	98	98	83	54	66	80	2.3
6:00	117	115	136	100	121	118	3.4
7:00	177	202	185	116	162	168	4.9
8:00	168	188	171	86	142	151	4.4
9:00	184	174	179	99	129	153	4.5
10:00	167	182	145	121	155	154	4.5
11:00	142	160	171	119	142	147	4.3
12:00 Noon	217	227	177	160	198	196	5.7
1:00	193	199	198	176	180	189	5.5
2:00	231	243	219	186	212	218	6.4
3:00	259	312	292	219	272	271	7.9
4:00	269	257	294	191	231	248	7.3
5:00	301	310	287	217	249	273	8.0
6:00	236	224	228	172	207	213	6.2
7:00	160	139	143	133	177	150	4.4
8:00	122	122	111	128	118	120	3.5
9:00	119	109	123	112	133	119	3.5
10:00	99	120	97	77	80	95	2.8
11:00	86	90	89	78	90	87	2.5
Unknown	0	0	0	0	0	0	0.0
Total Crashes	3,627	3,759	3,602	2,780	3,357	3,425	100.0

Time of Day	2017	2018	2019	2020	2021	AVG.	%
12:00 Midnight	15	12	15	15	20	15	1.5
1:00	18	17	13	11	12	14	1.3
2:00	11	11	12	9	9	10	1.0
3:00	13	11	7	7	13	10	1.0
4:00	13	8	7	13	11	10	1.0
5:00	30	21	22	12	15	20	1.9
6:00	30	28	38	28	25	30	2.8
7:00	60	63	53	30	35	48	4.6
8:00	60	62	43	27	46	48	4.5
9:00	76	57	52	25	37	49	4.7
10:00	64	57	46	35	43	49	4.6
11:00	54	53	47	36	42	46	4.4
12:00 Noon	82	81	65	52	61	68	6.5
1:00	71	53	67	64	61	63	6.0
2:00	72	73	86	61	64	71	6.8
3:00	81	109	106	66	81	89	8.4
4:00	93	93	96	59	80	84	8.0
5:00	94	126	95	59	72	89	8.5
6:00	83	76	81	48	65	71	6.7
7:00	47	46	48	44	66	50	4.8
8:00	45	24	33	44	27	35	3.3
9:00	41	34	46	36	33	38	3.6
10:00	33	34	27	14	19	25	2.4
11:00	21	18	20	17	25	20	1.9
Unknown	0	0	0	0	0	0	0.0
Injury Crashes	1,207	1,167	1,125	812	962	1,055	100.0

Time of Day	2017	2018	2019	2020	2021	AVG.	%
12:00 Midnight	1	0	0	1	3	1	4.5
1:00	0	0	1	1	2	1	3.6
2:00	0	0	1	0	2	1	2.7
3:00	1	1	1	0	0	1	2.7
4:00	1	3	2	0	1	1	6.3
5:00	0	0	0	1	0	0	0.9
6:00	2	0	0	0	0	0	1.8
7:00	2	0	2	1	0	1	4.5
8:00	0	0	2	0	0	0	1.8
9:00	3	2	1	1	0	1	6.3
10:00	1	0	0	0	0	0	0.9
11:00	1	2	0	0	0	1	2.7
12:00 Noon	0	1	2	0	1	1	3.6
1:00	1	0	2	2	1	1	5.4
2:00	0	0	0	1	2	1	2.7
3:00	2	0	1	3	3	2	8.1
4:00	1	1	0	2	0	1	3.6
5:00	2	2	3	0	2	2	8.1
6:00	1	2	1	2	3	2	8.1
7:00	0	0	1	1	2	1	3.6
8:00	2	1	1	1	0	1	4.5
9:00	2	0	0	3	1	1	5.4
10:00	0	2	1	2	0	1	4.5
11:00	1	0	2	1	0	1	3.6
Unknown	0	0	0	0	0	0	0.0
Fatal Crashes	24	17	24	23	23	22	100.0

**Frederick County
 Driver Age**

Driver Age	2017	2018	2019	2020	2021	AVG.	%
15 and Under	7	3	8	4	4	5	0.1
16	64	56	48	33	30	46	0.8
17	152	148	140	84	123	129	2.2
18	170	157	136	114	137	143	2.4
19	143	129	158	118	143	138	2.4
20	156	152	133	93	134	134	2.3
21 - 24	612	596	525	458	530	544	9.3
25 - 29	725	718	746	511	628	666	11.4
30 - 34	594	643	653	429	571	578	9.9
35 - 39	480	577	565	413	520	511	8.7
40 - 44	409	469	499	323	459	432	7.4
45 - 49	487	487	459	296	364	419	7.2
50 - 54	524	528	442	319	392	441	7.5
55 - 59	378	439	429	317	349	382	6.5
60 - 64	332	329	293	222	275	290	5.0
65 - 69	216	225	217	143	203	201	3.4
70 - 79	274	248	249	164	218	231	3.9
80 +	102	76	87	60	71	79	1.4
Unknown	558	502	466	398	504	486	8.3
Total Drivers	6,383	6,482	6,253	4,499	5,655	5,854	100.0

Driver Age	2017	2018	2019	2020	2021	AVG.	%
15 and Under	1	1	2	2	2	2	0.2
16	10	6	8	2	5	6	0.6
17	31	22	23	14	13	21	2.0
18	25	36	20	23	18	24	2.3
19	30	23	30	20	34	27	2.6
20	32	22	21	26	15	23	2.2
21 - 24	125	109	96	76	80	97	9.3
25 - 29	132	127	152	78	117	121	11.6
30 - 34	105	114	121	92	110	108	10.4
35 - 39	100	115	120	78	96	102	9.8
40 - 44	77	96	90	58	78	80	7.7
45 - 49	86	104	80	45	59	75	7.2
50 - 54	120	93	98	69	73	91	8.7
55 - 59	100	79	83	62	70	79	7.6
60 - 64	76	72	48	53	51	60	5.8
65 - 69	57	53	43	40	44	47	4.5
70 - 79	70	55	67	41	43	55	5.3
80 +	24	19	21	10	25	20	1.9
Unknown	2	5	2	1	7	3	0.3
Injured Drivers	1,203	1,151	1,125	790	940	1,042	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	0	0	0.0
17	0	0	0	0	0	0	0.0
18	0	0	0	0	0	0	0.0
19	0	0	1	0	0	0	1.2
20	1	0	0	1	1	1	3.5
21 - 24	0	0	1	1	2	1	4.7
25 - 29	1	0	3	1	1	1	7.1
30 - 34	0	0	1	3	3	1	8.2
35 - 39	1	2	2	2	2	2	10.6
40 - 44	2	0	2	1	3	2	9.4
45 - 49	1	4	1	3	1	2	11.8
50 - 54	3	0	2	1	2	2	9.4
55 - 59	2	0	2	2	2	2	9.4
60 - 64	2	0	0	0	0	0	2.4
65 - 69	0	2	0	1	0	1	3.5
70 - 79	0	3	1	2	1	1	8.2
80 +	3	1	3	1	0	2	9.4
Unknown	0	0	1	0	0	0	1.2
Driver Fatalities	16	12	20	19	18	17	100.0

Driver pages - all drivers involved.

**Frederick County
 Driver Gender**

Driver Gender	2017	2018	2019	2020	2021	AVG.	%
Male	3,525	3,590	3,518	2,649	3,259	3,308	56.5
Female	2,275	2,369	2,245	1,455	1,893	2,047	35.0
Unknown	583	523	490	395	503	499	8.5
Total Drivers	6,383	6,482	6,253	4,499	5,655	5,854	100.0

Driver Gender	2017	2018	2019	2020	2021	AVG.	%
Male	619	531	604	457	516	545	52.4
Female	580	614	516	332	417	492	47.2
Unknown	4	6	5	1	7	5	0.4
Driver Injuries	1,203	1,151	1,125	790	940	1,042	100.0

Driver Gender	2017	2018	2019	2020	2021	AVG.	%
Male	14	10	16	18	15	15	85.9
Female	2	2	3	1	3	2	12.9
Unknown	0	0	1	0	0	0	1.2
Driver Fatalities	16	12	20	19	18	17	100.0

Driver pages - all drivers involved.

**Frederick County
 Driver Safety Equipment Use**

Safety Equipment	2017	2018	2019	2020	2021	AVG.	%
Not Applicable	193	147	152	96	124	142	2.4
None	128	144	118	152	108	130	2.2
Lap belt only	2	7	8	4	14	7	0.1
Shoulder belt only	20	15	16	11	16	16	0.3
Shoulder/Lap belt(s)	5,044	5,196	4,989	3,565	4,585	4,676	79.9
Child/Youth restraint	0	0	0	0	0	0	0.0
Child restraint forward	1	0	0	0	0	0	0.0
Child restraint rear	0	0	0	0	1	0	0.0
Booster seat	0	0	0	0	0	0	0.0
Child restraint unknown	0	1	0	0	0	0	0.0
Mc/Bike helmet	50	35	38	43	38	41	0.7
Mc/bike shield only	1	0	3	1	0	1	0.0
Mc/bike helmet & shield	29	17	23	25	20	23	0.4
Protective pads	1	0	1	1	2	1	0.0
Reflective clothing	1	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	2	3	2	2	0.0
Unknown	911	920	903	598	745	815	13.9
Total Drivers	6,383	6,482	6,253	4,499	5,655	5,854	100.0

Safety Equipment	2017	2018	2019	2020	2021	AVG.	%
Not Applicable	36	26	27	12	13	23	2.2
None	58	60	52	70	55	59	5.7
Lap belt only	1	3	1	2	2	2	0.2
Shoulder belt only	4	2	3	1	0	2	0.2
Shoulder/Lap belt(s)	950	936	905	622	778	838	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	41	28	28	34	28	32	3.1
Mc/bike shield only	0	0	3	1	0	1	0.1
Mc/bike helmet & shield	24	13	20	14	14	17	1.6
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	89	83	86	34	50	68	6.6
Driver Injuries	1,203	1,151	1,125	790	940	1,042	100.0

Safety Equipment	2017	2018	2019	2020	2021	AVG.	%
Not Applicable	1	0	0	0	0	0	1.2
None	6	3	8	7	3	5	31.8
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)	5	7	5	7	8	6	37.6
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 unk.	0	0	0	0	0	0	0.0
Mc/Bike helmet	2	1	4	2	3	2	14.1
Mc/bike shield only	1	0	0	0	0	0	1.2
Mc/bike helmet & shield	0	0	2	3	1	1	7.1
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	0	3	1	7.1
Driver Fatalities	16	12	20	19	18	17	100.0

Driver pages - all drivers involved.

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

Frederick County
Passenger Age

Passenger Age	2017	2018	2019	2020	2021	AVG.	%
Under 5	200	209	221	127	159	183	11.0
5 - 9	170	160	184	90	136	148	8.9
10 - 11	59	87	76	32	56	62	3.7
12 - 13	69	66	72	36	57	60	3.6
14 - 15	84	100	137	45	67	87	5.2
16 - 17	113	111	138	75	92	106	6.3
18 - 19	106	90	113	90	104	101	6.0
20 - 24	175	185	184	162	150	171	10.3
25 - 29	149	163	134	127	119	138	8.3
30 - 34	111	121	106	93	108	108	6.5
35 - 39	78	106	76	68	76	81	4.8
40 - 44	54	72	72	55	62	63	3.8
45 - 49	64	87	56	34	55	59	3.5
50 - 54	68	90	70	48	52	66	3.9
55 - 59	73	70	72	29	45	58	3.5
60 - 64	54	64	57	42	42	52	3.1
65 - 69	41	37	51	23	36	38	2.3
70 - 79	58	62	66	29	48	53	3.2
80 +	69	41	36	12	22	36	2.2
Unknown	0	0	0	0	0	0	0.0
Total Passengers	1,795	1,921	1,921	1,217	1,486	1,668	100.0

Passenger Age	2017	2018	2019	2020	2021	AVG.	%
Under 5	39	39	40	30	33	36	10.2
5 - 9	45	34	39	17	24	32	8.9
10 - 11	13	20	25	5	14	15	4.3
12 - 13	13	14	15	5	10	11	3.2
14 - 15	21	18	16	7	7	14	3.9
16 - 17	23	20	32	17	17	22	6.1
18 - 19	22	19	13	18	16	18	4.9
20 - 24	40	44	46	35	29	39	10.9
25 - 29	28	30	22	33	22	27	7.6
30 - 34	24	21	16	20	24	21	5.9
35 - 39	13	21	17	19	20	18	5.1
40 - 44	11	20	20	12	13	15	4.3
45 - 49	13	17	9	11	12	12	3.5
50 - 54	17	24	15	9	11	15	4.3
55 - 59	26	19	11	8	10	15	4.2
60 - 64	11	17	13	13	11	13	3.6
65 - 69	12	9	12	6	9	10	2.7
70 - 79	20	18	14	14	8	15	4.2
80 +	14	13	9	2	4	8	2.4
Unknown	0	0	0	0	0	0	0.0
Injured Passengers	405	417	384	281	294	356	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	1	0	0	0	0	6.3
14 - 15	0	0	0	0	0	0	0.0
16 - 17	0	0	0	0	0	0	0.0
18 - 19	1	0	0	0	0	0	6.3
20 - 24	0	0	1	1	2	1	25.0
25 - 29	2	0	0	0	0	0	12.5
30 - 34	0	0	0	0	0	0	0.0
35 - 39	2	0	0	0	0	0	12.5
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	1	0	0	0	0	0	6.3
60 - 64	0	0	0	0	1	0	6.3
65 - 69	0	0	1	0	1	0	12.5
70 - 79	0	0	0	1	0	0	6.3
80 +	1	0	0	0	0	0	6.3
Unknown	0	0	0	0	0	0	0.0
Passenger Fatalities	7	1	2	2	4	3	100.0

**Frederick County
 Passenger Gender**

	2017	2018	2019	2020	2021	AVG.	%
Passenger Gender							
Male	847	934	911	527	705	785	47.1
Female	935	975	1,000	687	777	875	52.4
Unknown	13	12	10	3	4	8	0.5
Total Passengers	1,795	1,921	1,921	1,217	1,486	1,668	100.0

	2017	2018	2019	2020	2021	AVG.	%
Passenger Gender							
Male	163	159	149	102	107	136	38.2
Female	240	258	234	178	185	219	61.5
Unknown	2	0	1	1	2	1	0.3
Passenger Injuries	405	417	384	281	294	356	100.0

	2017	2018	2019	2020	2021	AVG.	%
Passenger Gender							
Male	6	0	1	2	2	2	68.8
Female	1	1	1	0	2	1	31.3
Unknown	0	0	0	0	0	0	0.0
Passenger Fatalities	7	1	2	2	4	3	100.0

Frederick County
Passenger Safety Equipment Use

Safety Equipment	2017	2018	2019	2020	2021	AVG.	%
Not Applicable	50	60	53	20	13	39	2.4
None	118	61	116	75	67	87	5.2
Lap belt only	6	7	3	2	3	4	0.3
Shoulder belt only	3	5	3	3	5	4	0.2
Shoulder/Lap belt(s)	1,244	1,380	1,320	919	1,142	1,201	72.0
Child/Youth restraint	0	0	0	0	0	0	0.0
Child restraint forward	141	130	145	81	109	121	7.3
Child restraint rear	56	55	71	29	50	52	3.1
Booster seat	31	44	45	16	28	33	2.0
Child restraint unk.	23	25	15	18	10	18	1.1
Mc/Bike helmet	2	2	2	5	0	2	0.1
Mc/bike shield only	0	0	0	0	0	0	0.0
Mc/bike helmet & shield	2	0	4	2	2	2	0.1
Protective pads	0	3	3	0	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	3	5	2	0	1	2	0.1
Unknown	116	144	139	47	56	100	6.0
Total Passengers	1,795	1,921	1,921	1,217	1,486	1,668	100.0

Safety Equipment	2017	2018	2019	2020	2021	AVG.	%
Not Applicable	3	8	13	2	3	6	1.6
None	35	21	25	35	23	28	7.8
Lap belt only	2	0	0	0	0	0	0.1
Shoulder belt only	1	3	2	2	1	2	0.5
Shoulder/Lap belt(s)	275	307	264	191	222	252	70.7
Child/Youth restraint	0	0	0	0	0	0	0.0
Child restraint forward	35	23	29	15	16	24	6.6
Child restraint rear	9	10	13	9	14	11	3.1
Booster seat	7	7	12	4	2	6	1.8
Child restraint unk.	6	6	3	5	3	5	1.3
Mc/Bike helmet	2	1	2	5	0	2	0.6
Mc/bike shield only	0	0	0	0	0	0	0.0
Mc/bike helmet & shield	2	0	4	2	2	2	0.6
Protective pads	0	1	0	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	28	30	17	11	8	19	5.3
Passenger Injuries	405	417	384	281	294	356	100.0

Safety Equipment	2017	2018	2019	2020	2021	AVG.	%
Not Applicable	0	0	0	0	0	0	0.0
None	4	0	0	1	3	2	50.0
Lap belt only	0	1	0	0	0	0	6.3
Shoulder belt only	0	0	0	0	0	0	0.0
Shoulder/Lap belt(s)	3	0	2	1	1	1	43.8
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	7	1	2	2	4	3	100.0

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

**Frederick County
 Non-Motorist Age**

Non-Motorist Age	2017	2018	2019	2020	2021	AVG.	%
Under 5	4	2	0	2	4	2	2.7
5 - 9	4	6	1	0	3	3	3.2
10 - 15	7	7	8	4	10	7	8.2
16 - 17	8	5	4	3	4	5	5.5
18 - 19	3	2	3	5	4	3	3.9
20 - 24	7	14	5	3	5	7	7.8
25 - 29	13	7	11	9	7	9	10.8
30 - 34	14	11	4	5	7	8	9.4
35 - 39	7	7	5	7	7	7	7.6
40 - 44	5	7	3	4	4	5	5.3
45 - 49	3	7	4	3	5	4	5.0
50 - 54	5	8	3	4	2	4	5.0
55 - 59	8	3	9	6	3	6	6.6
60 - 64	2	10	5	2	5	5	5.5
65 - 69	5	2	3	0	5	3	3.4
70 - 79	8	6	3	3	5	5	5.7
80 +	3	6	7	2	1	4	4.3
Unknown	0	0	0	0	0	0	0.0
Total Non-Motorists	106	110	78	62	81	87	100.0

Non-Motorist Age	2017	2018	2019	2020	2021	AVG.	%
Under 5	3	1	0	1	3	2	2.3
5 - 9	3	6	1	0	3	3	3.8
10 - 15	6	6	7	3	10	6	9.3
16 - 17	4	4	4	3	4	4	5.5
18 - 19	1	2	2	3	3	2	3.2
20 - 24	6	12	4	3	5	6	8.7
25 - 29	11	6	9	7	7	8	11.6
30 - 34	12	7	4	4	4	6	9.0
35 - 39	7	4	4	6	6	5	7.8
40 - 44	3	5	3	2	3	3	4.6
45 - 49	3	4	4	2	4	3	4.9
50 - 54	4	5	3	4	2	4	5.2
55 - 59	6	1	6	4	2	4	5.5
60 - 64	2	6	2	1	5	3	4.6
65 - 69	4	2	3	0	3	2	3.5
70 - 79	5	4	3	2	5	4	5.5
80 +	3	6	6	1	1	3	4.9
Unknown	0	0	0	0	0	0	0.0
Inj. Non-Motorists	83	81	65	46	70	69	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	7.7
18 - 19	0	0	0	0	0	0	0.0
20 - 24	0	1	1	0	0	0	15.4
25 - 29	0	0	0	0	0	0	0.0
30 - 34	0	1	0	0	1	0	15.4
35 - 39	0	0	0	0	0	0	0.0
40 - 44	0	0	0	1	0	0	7.7
45 - 49	0	0	0	0	0	0	0.0
50 - 54	1	0	0	0	0	0	7.7
55 - 59	1	0	1	1	0	1	23.1
60 - 64	0	2	0	0	0	0	15.4
65 - 69	0	0	0	0	0	0	0.0
70 - 79	1	0	0	0	0	0	7.7
80 +	0	0	0	0	0	0	0.0
Unknown	0	0	0	0	0	0	0.0
Non-Motor. Fatalities	4	4	2	2	1	3	100.0

**Frederick County
 Non-Motorist Gender**

	2017	2018	2019	2020	2021	AVG.	%
Non-Motorist Gender							
Male	67	64	49	45	53	56	63.6
Female	39	46	29	17	27	32	36.2
Unknown	0	0	0	0	1	0	0.2
Total Non-Motorists	106	110	78	62	81	87	100.0

	2017	2018	2019	2020	2021	AVG.	%
Non-Motorist Gender							
Male	52	47	39	34	45	43	62.9
Female	31	34	26	12	25	26	37.1
Unknown	0	0	0	0	0	0	0.0
Non-Motorist Injuries	83	81	65	46	70	69	100.0

	2017	2018	2019	2020	2021	AVG.	%
Non-Motorist Gender							
Male	3	4	1	2	1	2	84.6
Female	1	0	1	0	0	0	15.4
Unknown	0	0	0	0	0	0	0.0
Non-Motorist Fatalities	4	4	2	2	1	3	100.0

**Frederick County
 Non-Motorist Location**

Non-Motorist Location	2017	2018	2019	2020	2021	AVG.	%
Not App.	2	2	2	4	3	3	3.0
Shoulder	7	9	7	10	10	9	9.8
Curb	2	2	0	0	0	1	0.9
Sidewalk	7	6	6	3	5	5	6.2
Outside Right of Way	2	3	1	2	1	2	2.1
On Rd. at Crosswalk	21	9	10	6	12	12	13.3
On Rd. Not at Cross.	28	18	22	14	16	20	22.4
In School Bus Zone	0	0	0	0	0	0	0.0
In Bikeway	1	0	1	0	0	0	0.5
At Inter Marked Crosswalk	3	9	3	2	3	4	4.6
At Inter No Crosswalk	5	12	5	2	7	6	7.1
Driveway Access	0	0	2	0	0	0	0.5
Median	0	1	1	0	0	0	0.5
Island	0	0	0	0	0	0	0.0
Shared Use Path or Trail	2	1	0	0	0	1	0.7
Inside Building	1	10	2	3	3	4	4.3
Midblock Marked Crosswalk	0	0	0	0	1	0	0.2
Other/Unk.	25	28	16	16	20	21	24.0
Total Non-Motorists	106	110	78	62	81	87	100.0

Non-Motorist Location	2017	2018	2019	2020	2021	AVG.	%
Not App.	1	0	0	1	2	1	1.2
Shoulder	5	6	6	7	6	6	8.7
Curb	2	2	0	0	0	1	1.2
Sidewalk	5	5	6	3	5	5	7.0
Outside Right of Way	2	3	1	2	1	2	2.6
On Rd. at Crosswalk	19	9	8	5	12	11	15.4
On Rd. Not at Cross.	22	14	18	12	15	16	23.5
In School Bus Zone	0	0	0	0	0	0	0.0
In Bikeway	1	0	1	0	0	0	0.6
Inter Marked Crosswalk	2	8	3	2	3	4	5.2
At Inter No Crosswalk	4	11	5	2	6	6	8.1
Driveway Access	0	0	2	0	0	0	0.6
Median	0	0	1	0	0	0	0.3
Island	0	0	0	0	0	0	0.0
Shared Use Path or Trail	1	1	0	0	0	0	0.6
Inside Building	0	1	0	0	1	0	0.6
Midblock Marked Crosswalk	0	0	0	0	1	0	0.3
Other/Unk.	19	21	14	12	18	17	24.3
Injured Non-Motorists	83	81	65	46	70	69	100.0

Non-Motorist Location	2017	2018	2019	2020	2021	AVG.	%
Not App.	0	0	0	0	0	0	0.0
Shoulder	0	2	0	0	0	0	15.4
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.	3	2	2	1	1	2	69.2
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	1	0	0	0	0	0	7.7
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	7.7
Non-Motorist Fatalities	4	4	2	2	1	3	100.0

**Frederick County
 Non-Motorist Movement**

Non-Motorist Movement	2017	2018	2019	2020	2021	AVG.	%
Cross. at Intersection	27	31	21	13	28	24	27.5
Cross. Not at Inter.	14	18	12	8	10	12	14.2
Walk/Ride with Traff.	13	8	6	8	8	9	9.8
Walk/Ride against Tra.	6	2	5	8	1	4	5.0
Playing	3	2	0	1	1	1	1.6
Standing	15	7	10	3	6	8	9.4
Getting On/Off Veh.	1	1	1	1	2	1	1.4
Push/Work on Veh.	1	0	0	0	2	1	0.7
Other Working	1	8	1	4	2	3	3.7
Hitchhiking	0	0	0	0	0	0	0.0
On / Off School Bus	0	1	0	0	0	0	0.2
Walking to from school	2	0	1	1	0	1	0.9
Walking cycling on sidewalk	4	2	2	0	1	2	2.1
Other / Unknown	19	30	19	15	20	21	23.6
Total Non-Motorists	106	110	78	62	81	87	100.0

Non-Motorist Movement	2017	2018	2019	2020	2021	AVG.	%
Cross. at Intersection	23	29	19	11	27	22	31.6
Cross. Not at Inter.	12	14	11	5	10	10	15.1
Walk/Ride with Traff.	9	7	4	7	7	7	9.9
Walk/Ride against Tra.	5	2	5	8	1	4	6.1
Playing	3	2	0	1	1	1	2.0
Standing	14	6	8	3	6	7	10.7
Getting On/Off Veh.	1	0	1	1	1	1	1.2
Push/Work on Veh.	1	0	0	0	0	0	0.3
Other Working	0	5	1	3	2	2	3.2
Hitchhiking	0	0	0	0	0	0	0.0
On / Off School Bus	0	1	0	0	0	0	0.3
Walking to from school	1	0	1	1	0	1	0.9
Walking cycling on sidewalk	2	2	2	0	1	1	2.0
Other / Unknown	12	13	13	6	14	12	16.8
Injured Non-Motorists	83	81	65	46	70	69	100.0

Non-Motorist Movement	2017	2018	2019	2020	2021	AVG.	%
Cross. at Intersection	1	0	0	0	0	0	7.7
Cross. Not at Inter.	1	2	1	1	0	1	38.5
Walk/Ride with Traff.	2	0	1	0	1	1	30.8
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	1	0	0	0	0	7.7
Push/Work on Veh.	0	0	0	0	0	0	0.0
Other Working	0	1	0	0	0	0	7.7
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	1	0	0	7.7
Non-Motorist Fatalities	4	4	2	2	1	3	100.0