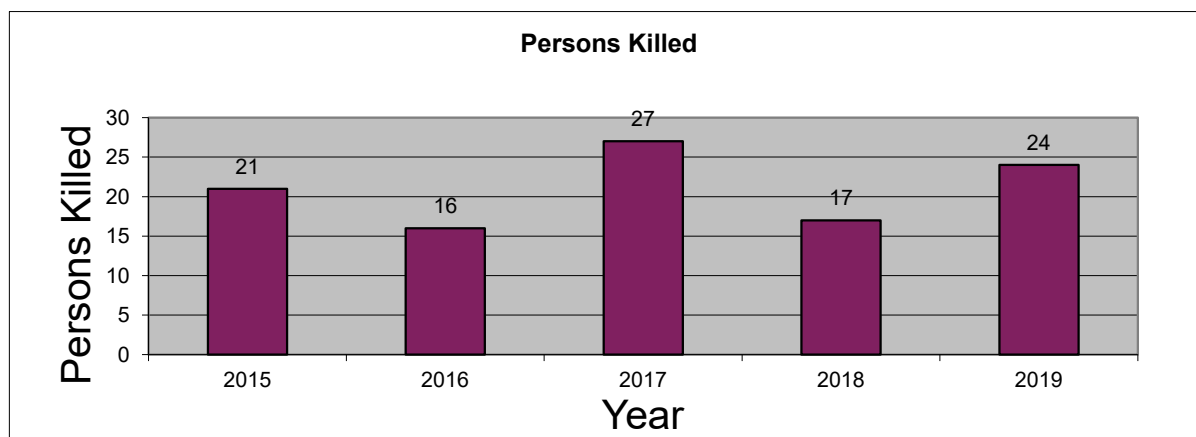
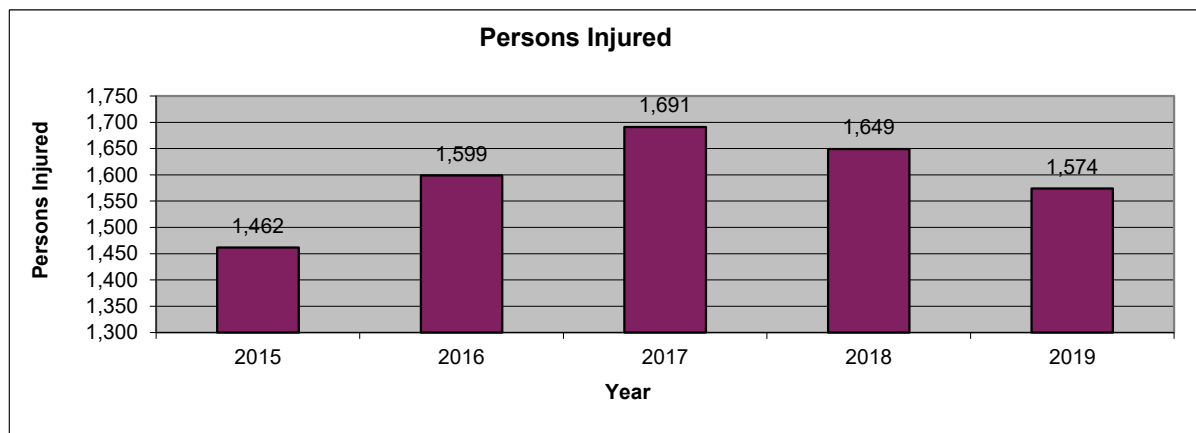
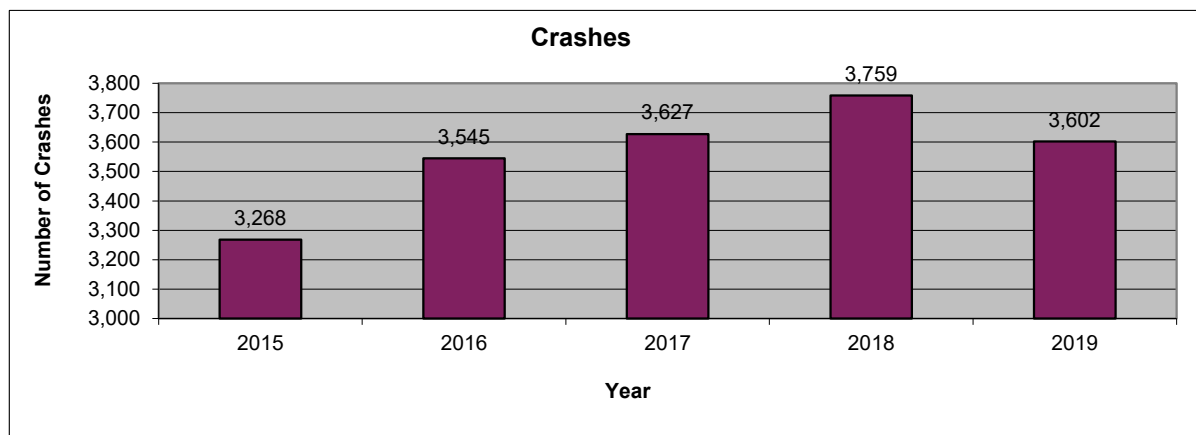


Frederick County Crash Summary

	2015	2016	2017	2018	2019	5 Year AVG.	%
Fatal Crashes	21	16	24	17	24	20	0.6
Injury Crashes	1,059	1,220	1,207	1,167	1,125	1156	32.5
Property Damage Crashes	2,188	2,309	2,396	2,575	2,453	2384	67.0
Total Crashes	3,268	3,545	3,627	3,759	3,602	3560	100.0
Total of All Fatalities	21	16	27	17	24	21	
Total Number Injured	1,462	1,599	1,691	1,649	1,574	1,595	



Data are subject to change.

Frederick County
Route Type

Route Type	2015	2016	2017	2018	2019	AVG.	%
IS	490	565	633	690	678	611	17.2
US	573	562	607	649	576	593	16.7
MD	793	873	828	890	918	860	24.2
CO	619	656	669	686	671	660	18.5
MU	408	447	464	475	424	444	12.5
GV	0	0	1	0	0	0	0.0
SR	2	0	0	0	2	1	0.0
OP	40	42	35	45	36	40	1.1
Balto. City CY	0	0	0	0	0	0	0.0
Parking Lots	96	160	183	175	163	155	4.4
Unknown	247	240	207	149	134	195	5.5
Total Crashes	3,268	3,545	3,627	3,759	3,602	3560	100.0

Route Type	2015	2016	2017	2018	2019	AVG.	%
IS	149	177	193	197	185	180	15.6
US	205	193	209	201	182	198	17.1
MD	251	303	272	280	291	279	24.2
CO	198	212	199	193	198	200	17.3
MU	160	211	230	214	190	201	17.4
GV	0	0	0	0	0	0	0.0
SR	0	0	0	0	1	0	0.0
OP	16	20	12	16	13	15	1.3
Balto. City CY	0	0	0	0	0	0	0.0
Parking Lots	21	30	35	30	30	29	2.5
Unknown	59	74	57	36	35	52	4.5
Injury Crashes	1,059	1,220	1,207	1,167	1,125	1,156	100.0

Route Type	2015	2016	2017	2018	2019	AVG.	%
IS	2	3	6	4	6	4	20.6
US	8	4	3	7	9	6	30.4
MD	6	3	8	5	4	5	25.5
CO	4	6	6	1	3	4	19.6
MU	1	0	1	0	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	0	1	0	1.0
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	21	16	24	17	24	20	100.0

**Frederick County
 County**

County	2015	2016	2017	2018	2019	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	3,268	3,545	3,627	3,759	3,602	3,560	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	3,268	3,545	3,627	3,759	3,602	3,560	100.0

County	2015	2016	2017	2018	2019	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	1,059	1,220	1,207	1,167	1,125	1,156	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	1,059	1,220	1,207	1,167	1,125	1,156	100.0

County	2015	2016	2017	2018	2019	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	21	16	24	17	24	20	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	21	16	24	17	24	20	100.0

Frederick County
Month

Month	2015	2016	2017	2018	2019	AVG.	%
January	278	288	297	296	330	298	8.4
February	261	221	221	256	287	249	7.0
March	271	245	297	307	304	285	8.0
April	239	247	266	294	279	265	7.4
May	266	327	288	320	338	308	8.6
June	252	319	297	310	288	293	8.2
July	244	274	282	270	283	271	7.6
August	240	324	311	312	273	292	8.2
September	271	301	278	325	264	288	8.1
October	308	330	374	351	334	339	9.5
November	334	345	340	368	303	338	9.5
December	304	324	376	350	319	335	9.4
Unknown	0	0	0	0	0	0	0.0
Total Crashes	3,268	3,545	3,627	3,759	3,602	3,560	100.0

Month	2015	2016	2017	2018	2019	AVG.	%
January	81	85	95	89	90	88	7.6
February	80	70	79	74	88	78	6.8
March	82	81	94	77	89	85	7.3
April	74	101	97	92	85	90	7.8
May	91	124	97	99	107	104	9.0
June	83	113	99	124	103	104	9.0
July	108	104	102	88	89	98	8.5
August	90	124	102	112	85	103	8.9
September	93	94	101	106	107	100	8.7
October	91	125	138	110	99	113	9.7
November	103	104	105	98	81	98	8.5
December	83	95	98	98	102	95	8.2
Unknown	0	0	0	0	0	0	0.0
Injury Crashes	1,059	1,220	1,207	1,167	1,125	1,156	100.0

Month	2015	2016	2017	2018	2019	AVG.	%
January	0	0	5	0	1	1	5.9
February	3	2	1	0	0	1	5.9
March	1	1	1	2	0	1	4.9
April	2	1	2	0	2	1	6.9
May	2	1	1	3	5	2	11.8
June	2	3	1	4	2	2	11.8
July	0	1	1	1	3	1	5.9
August	0	2	2	0	4	2	7.8
September	4	2	4	1	2	3	12.7
October	2	1	2	1	3	2	8.8
November	1	1	2	3	1	2	7.8
December	4	1	2	2	1	2	9.8
Unknown	0	0	0	0	0	0	0.0
Fatal Crashes	21	16	24	17	24	20	100.0

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

August 11, 2020

Frederick County
Day of Week

Day of Week	2015	2016	2017	2018	2019	AVG.	%
Monday	459	507	515	578	488	509	14.3
Tuesday	466	525	556	543	549	528	14.8
Wednesday	514	522	550	547	488	524	14.7
Thursday	505	537	530	565	547	537	15.1
Friday	517	566	563	631	568	569	16.0
Saturday	411	471	466	480	472	460	12.9
Sunday	396	417	447	415	490	433	12.2
Unknown	0	0	0	0	0	0	0.0
Total Crashes	3,268	3,545	3,627	3,759	3,602	3,560	100.0

Day of Week	2015	2016	2017	2018	2019	AVG.	%
Monday	151	168	164	173	145	160	13.9
Tuesday	143	199	173	178	172	173	15.0
Wednesday	155	174	184	161	157	166	14.4
Thursday	159	166	186	178	171	172	14.9
Friday	172	188	182	190	195	185	16.0
Saturday	149	172	164	149	141	155	13.4
Sunday	130	153	154	138	144	144	12.4
Unknown	0	0	0	0	0	0	0.0
Injury Crashes	1,059	1,220	1,207	1,167	1,125	1,156	100.0

Day of Week	2015	2016	2017	2018	2019	AVG.	%
Monday	0	4	0	3	3	2	9.8
Tuesday	2	1	5	3	5	3	15.7
Wednesday	6	2	4	1	2	3	14.7
Thursday	3	4	5	2	2	3	15.7
Friday	6	1	3	2	1	3	12.7
Saturday	2	3	2	3	5	3	14.7
Sunday	2	1	5	3	6	3	16.7
Unknown	0	0	0	0	0	0	0.0
Fatal Crashes	21	16	24	17	24	20	100.0

Frederick County
Time of Day

Time of Day	2015	2016	2017	2018	2019	AVG.	%
12:00 Midnight	61	62	67	59	69	64	1.8
1:00	67	62	71	74	52	65	1.8
2:00	55	47	49	54	58	53	1.5
3:00	39	45	44	46	47	44	1.2
4:00	32	60	51	55	48	49	1.4
5:00	68	95	98	98	83	88	2.5
6:00	125	122	117	115	136	123	3.5
7:00	143	177	177	202	185	177	5.0
8:00	206	187	168	188	171	184	5.2
9:00	142	128	184	174	179	161	4.5
10:00	122	156	167	182	145	154	4.3
11:00	154	156	142	160	171	157	4.4
12:00 Noon	179	186	217	227	177	197	5.5
1:00	172	176	193	199	198	188	5.3
2:00	186	222	231	243	219	220	6.2
3:00	237	260	259	312	292	272	7.6
4:00	244	261	269	257	294	265	7.4
5:00	240	303	301	310	287	288	8.1
6:00	221	245	236	224	228	231	6.5
7:00	168	164	160	139	143	155	4.3
8:00	130	133	122	122	111	124	3.5
9:00	112	115	119	109	123	116	3.2
10:00	94	95	99	120	97	101	2.8
11:00	71	88	86	90	89	85	2.4
Unknown	0	0	0	0	0	0	0.0
Total Crashes	3,268	3,545	3,627	3,759	3,602	3,560	100.0

Time of Day	2015	2016	2017	2018	2019	AVG.	%
12:00 Midnight	14	25	15	12	15	16	1.4
1:00	14	24	18	17	13	17	1.5
2:00	17	15	11	11	12	13	1.1
3:00	10	12	13	11	7	11	0.9
4:00	6	17	13	8	7	10	0.9
5:00	14	29	30	21	22	23	2.0
6:00	28	30	30	28	38	31	2.7
7:00	49	68	60	63	53	59	5.1
8:00	67	74	60	62	43	61	5.3
9:00	41	40	76	57	52	53	4.6
10:00	42	51	64	57	46	52	4.5
11:00	44	56	54	53	47	51	4.4
12:00 Noon	61	68	82	81	65	71	6.2
1:00	64	60	71	53	67	63	5.5
2:00	65	91	72	73	86	77	6.7
3:00	86	93	81	109	106	95	8.2
4:00	83	90	93	93	96	91	7.9
5:00	89	100	94	126	95	101	8.7
6:00	74	78	83	76	81	78	6.8
7:00	59	65	47	46	48	53	4.6
8:00	46	37	45	24	33	37	3.2
9:00	38	39	41	34	46	40	3.4
10:00	34	28	33	34	27	31	2.7
11:00	14	30	21	18	20	21	1.8
Unknown	0	0	0	0	0	0	0.0
Injury Crashes	1,059	1,220	1,207	1,167	1,125	1,156	100.0

Time of Day	2015	2016	2017	2018	2019	AVG.	%
12:00 Midnight	0	1	1	0	0	0	2.0
1:00	0	0	0	0	1	0	1.0
2:00	1	1	0	0	1	1	2.9
3:00	1	0	1	1	1	1	3.9
4:00	2	1	1	3	2	2	8.8
5:00	0	1	0	0	0	0	1.0
6:00	0	0	2	0	0	0	2.0
7:00	1	0	2	0	2	1	4.9
8:00	0	1	0	0	2	1	2.9
9:00	1	0	3	2	1	1	6.9
10:00	0	1	1	0	0	0	2.0
11:00	0	1	1	2	0	1	3.9
12:00 Noon	2	0	0	1	2	1	4.9
1:00	2	1	1	0	2	1	5.9
2:00	1	1	0	0	0	0	2.0
3:00	2	3	2	0	1	2	7.8
4:00	1	1	1	1	0	1	3.9
5:00	1	0	2	2	3	2	7.8
6:00	1	1	1	2	1	1	5.9
7:00	2	0	0	0	1	1	2.9
8:00	2	0	2	1	1	1	5.9
9:00	0	0	2	0	0	0	2.0
10:00	1	1	0	2	1	1	4.9
11:00	0	1	1	0	2	1	3.9
Unknown	0	0	0	0	0	0	0.0
Fatal Crashes	21	16	24	17	24	20	100.0

Frederick County
Driver Age

Driver Age	2015	2016	2017	2018	2019	AVG.	%
15 and Under	11	7	7	3	8	7	0.1
16	44	56	64	56	48	54	0.9
17	135	175	152	148	140	150	2.4
18	155	146	170	157	136	153	2.5
19	118	155	143	129	158	141	2.3
20	154	157	156	152	133	150	2.4
21 - 24	562	579	612	596	525	575	9.3
25 - 29	573	691	725	718	746	691	11.2
30 - 34	510	557	594	643	653	591	9.6
35 - 39	443	497	480	577	565	512	8.3
40 - 44	420	450	409	469	499	449	7.3
45 - 49	422	477	487	487	459	466	7.6
50 - 54	434	486	524	528	442	483	7.8
55 - 59	335	429	378	439	429	402	6.5
60 - 64	235	310	332	329	293	300	4.9
65 - 69	183	211	216	225	217	210	3.4
70 - 79	176	197	274	248	249	229	3.7
80 +	95	85	102	76	87	89	1.4
Unknown	515	487	558	502	466	506	8.2
Total Drivers	5,520	6,152	6,383	6,482	6,253	6,158	100.0

Driver Age	2015	2016	2017	2018	2019	AVG.	%
15 and Under	2	2	1	1	2	2	0.1
16	8	14	10	6	8	9	0.8
17	31	38	31	22	23	29	2.6
18	26	30	25	36	20	27	2.4
19	21	30	30	23	30	27	2.4
20	29	36	32	22	21	28	2.5
21 - 24	109	129	125	109	96	114	10.0
25 - 29	94	141	132	127	152	129	11.4
30 - 34	109	113	105	114	121	112	9.9
35 - 39	84	87	100	115	120	101	8.9
40 - 44	99	85	77	96	90	89	7.9
45 - 49	98	109	86	104	80	95	8.4
50 - 54	66	84	120	93	98	92	8.1
55 - 59	71	95	100	79	83	86	7.5
60 - 64	55	57	76	72	48	62	5.4
65 - 69	53	40	57	53	43	49	4.3
70 - 79	45	40	70	55	67	55	4.9
80 +	28	31	24	19	21	25	2.2
Unknown	3	2	2	5	2	3	0.2
Injured Drivers	1,031	1,163	1,203	1,151	1,125	1,135	100.0

Driver Age	2015	2016	2017	2018	2019	AVG.	%
15 and Under	0	0	0	0	0	0	0.0
16	0	0	0	0	0	0	0.0
17	1	0	0	0	0	0	1.3
18	0	0	0	0	0	0	0.0
19	1	1	0	0	1	1	3.8
20	0	0	1	0	0	0	1.3
21 - 24	0	1	0	0	1	0	2.5
25 - 29	3	1	1	0	3	2	10.1
30 - 34	0	0	0	0	1	0	1.3
35 - 39	2	2	1	2	2	2	11.4
40 - 44	0	2	2	0	2	1	7.6
45 - 49	1	0	1	4	1	1	8.9
50 - 54	0	2	3	0	2	1	8.9
55 - 59	1	2	2	0	2	1	8.9
60 - 64	2	1	2	0	0	1	6.3
65 - 69	1	0	0	2	0	1	3.8
70 - 79	2	1	0	3	1	1	8.9
80 +	2	2	3	1	3	2	13.9
Unknown	0	0	0	0	1	0	1.3
Driver Fatalities	16	15	16	12	20	16	100.0

**Frederick County
 Driver Gender**

Driver Gender	2015	2016	2017	2018	2019	AVG.	%
Male	3,030	3,373	3,525	3,590	3,518	3,407	55.3
Female	1,979	2,281	2,275	2,369	2,245	2,230	36.2
Unknown	511	498	583	523	490	521	8.5
Total Drivers	5,520	6,152	6,383	6,482	6,253	6,158	100.0

Driver Gender	2015	2016	2017	2018	2019	AVG.	%
Male	542	595	619	531	604	578	51.0
Female	486	564	580	614	516	552	48.7
Unknown	3	4	4	6	5	4	0.4
Driver Injuries	1,031	1,163	1,203	1,151	1,125	1,135	100.0

Driver Gender	2015	2016	2017	2018	2019	AVG.	%
Male	12	13	14	10	16	13	82.3
Female	4	2	2	2	3	3	16.5
Unknown	0	0	0	0	1	0	1.3
Driver Fatalities	16	15	16	12	20	16	100.0

**Frederick County
 Driver Safety Equipment Use**

Safety Equipment	2015	2016	2017	2018	2019	AVG.	%
Not Applicable	167	182	193	147	152	168	2.7
None	109	121	128	144	118	124	2.0
Lap belt only	5	10	2	7	8	6	0.1
Shoulder belt only	29	29	20	15	16	22	0.4
Shoulder/Lap belt(s)	4,406	4,994	5,044	5,196	4,989	4,926	80.0
Child/Youth restraint	0	0	0	0	0	0	0.0
Child restraint forward	0	0	1	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	1	0	0	0.0
Mc/Bike helmet	46	52	50	35	38	44	0.7
Mc/bike shield only	0	1	1	0	3	1	0.0
Mc/bike helmet & shield	24	30	29	17	23	25	0.4
Protective pads	0	3	1	0	1	1	0.0
Reflective clothing	0	0	1	0	0	0	0.0
Lighting	1	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	2	2	0	2	1	0.0
Unknown	732	728	911	920	903	839	13.6
Total Drivers	5,520	6,152	6,383	6,482	6,253	6,158	100.0

Safety Equipment	2015	2016	2017	2018	2019	AVG.	%
Not Applicable	18	25	36	26	27	26	2.3
None	48	55	58	60	52	55	4.8
Lap belt only	1	4	1	3	1	2	0.2
Shoulder belt only	4	5	4	2	3	4	0.3
Shoulder/Lap belt(s)	869	960	950	936	905	924	81.4
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	33	40	41	28	28	34	3.0
Mc/bike shield only	0	1	0	0	3	1	0.1
Mc/bike helmet & shield	18	26	24	13	20	20	1.8
Protective pads	0	2	0	0	0	0	0.0
Reflective clothing	0	0	0	0	0	0	0.0
Lighting	1	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	39	45	89	83	86	68	6.0
Driver Injuries	1,031	1,163	1,203	1,151	1,125	1,135	100.0

Safety Equipment	2015	2016	2017	2018	2019	AVG.	%
Not Applicable	0	0	1	0	0	0	1.3
None	2	4	6	3	8	5	29.1
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)	7	8	5	7	5	6	40.5
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	4	1	2	1	4	2	15.2
Mc/bike shield only	0	0	1	0	0	0	1.3
Mc/bike helmet & shield	0	1	0	0	2	1	3.8
Protective pads	0	0	0	0	0	0	0.0
Reflective clothing	0	0	0	0	0	0	0.0
Lighting	0	0	0	0	0	0	0.0
Air bag only	0	0	0	0	0	0	0.0
Air bag and belts	0	0	0	0	0	0	0.0
Other	0	0	0	0	0	0	0.0
Unknown	3	1	1	1	1	1	8.9
Driver Fatalities	16	15	16	12	20	16	100.0

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

Frederick County
Passenger Age

Passenger Age	2015	2016	2017	2018	2019	AVG.	%
Under 5	135	142	200	209	221	181	10.8
5 - 9	130	140	170	160	184	157	9.3
10 - 11	40	66	59	87	76	66	3.9
12 - 13	55	52	69	66	72	63	3.7
14 - 15	52	73	84	100	137	89	5.3
16 - 17	90	107	113	111	138	112	6.7
18 - 19	73	100	106	90	113	96	5.7
20 - 24	157	159	175	185	184	172	10.2
25 - 29	96	115	149	163	134	131	7.8
30 - 34	73	86	111	121	106	99	5.9
35 - 39	58	54	78	106	76	74	4.4
40 - 44	53	59	54	72	72	62	3.7
45 - 49	69	45	64	87	56	64	3.8
50 - 54	58	52	68	90	70	68	4.0
55 - 59	49	51	73	70	72	63	3.8
60 - 64	40	38	54	64	57	51	3.0
65 - 69	31	36	41	37	51	39	2.3
70 - 79	35	39	58	62	66	52	3.1
80 +	28	19	69	41	36	39	2.3
Unknown	0	1	0	0	0	0	0.0
Total Passengers	1,322	1,434	1,795	1,921	1,921	1,679	100.0

Passenger Age	2015	2016	2017	2018	2019	AVG.	%
Under 5	39	30	39	39	40	37	9.8
5 - 9	25	31	45	34	39	35	9.1
10 - 11	10	17	13	20	25	17	4.5
12 - 13	14	15	13	14	15	14	3.7
14 - 15	12	11	21	18	16	16	4.1
16 - 17	19	24	23	20	32	24	6.2
18 - 19	12	25	22	19	13	18	4.8
20 - 24	38	32	40	44	46	40	10.5
25 - 29	26	24	28	30	22	26	6.8
30 - 34	17	15	24	21	16	19	4.9
35 - 39	12	17	13	21	17	16	4.2
40 - 44	16	17	11	20	20	17	4.4
45 - 49	28	9	13	17	9	15	4.0
50 - 54	15	18	17	24	15	18	4.7
55 - 59	19	17	26	19	11	18	4.8
60 - 64	14	11	11	17	13	13	3.5
65 - 69	13	12	12	9	12	12	3.0
70 - 79	17	11	20	18	14	16	4.2
80 +	10	11	14	13	9	11	3.0
Unknown	0	1	0	0	0	0	0.1
Injured Passengers	356	348	405	417	384	382	100.0

Passenger Age	2015	2016	2017	2018	2019	AVG.	%
Under 5	1	0	0	0	0	0	6.7
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	1	0	0	6.7
14 - 15	0	0	0	0	0	0	0.0
16 - 17	0	0	0	0	0	0	0.0
18 - 19	0	0	1	0	0	0	6.7
20 - 24	1	1	0	0	1	1	20.0
25 - 29	1	0	2	0	0	1	20.0
30 - 34	0	0	0	0	0	0	0.0
35 - 39	0	0	2	0	0	0	13.3
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	1	0	0	0	13.3
60 - 64	0	0	0	0	0	0	0.0
65 - 69	0	0	0	0	1	0	6.7
70 - 79	0	0	0	0	0	0	0.0
80 +	0	0	1	0	0	0	6.7
Unknown	0	0	0	0	0	0	0.0
Passenger Fatalities	4	1	7	1	2	3	100.0

**Frederick County
 Passenger Gender**

	2015	2016	2017	2018	2019	AVG.	%
Passenger Gender							
Male	592	660	847	934	911	789	47.0
Female	723	773	935	975	1,000	881	52.5
Unknown	7	1	13	12	10	9	0.5
Total Passengers	1,322	1,434	1,795	1,921	1,921	1,679	100.0

	2015	2016	2017	2018	2019	AVG.	%
Passenger Gender							
Male	122	135	163	159	149	146	38.1
Female	233	213	240	258	234	236	61.7
Unknown	1	0	2	0	1	1	0.2
Passenger Injuries	356	348	405	417	384	382	100.0

	2015	2016	2017	2018	2019	AVG.	%
Passenger Gender							
Male	1	1	6	0	1	2	60.0
Female	3	0	1	1	1	1	40.0
Unknown	0	0	0	0	0	0	0.0
Passenger Fatalities	4	1	7	1	2	3	100.0

Frederick County
Passenger Safety Equipment Use

Safety Equipment	2015	2016	2017	2018	2019	AVG.	%
Not Applicable	30	26	50	60	53	44	3.4
None	45	57	118	61	116	79	6.1
Lap belt only	13	7	6	7	3	7	0.6
Shoulder belt only	3	6	3	5	3	4	0.3
Shoulder/Lap belt(s)	979	1,073	1,244	1,380	1,320	1,199	92.6
Child/Youth restraint	0	0	0	0	0	0	0.0
Child restraint forward	104	119	141	130	145	128	9.9
Child restraint rear	30	32	56	55	71	49	3.8
Booster seat	22	27	31	44	45	34	2.6
Child restraint unk.	20	9	23	25	15	18	1.4
Mc/Bike helmet	5	5	2	2	2	3	0.2
Mc/bike shield only	0	0	0	0	0	0	0.0
Mc/bike helmet & shield	3	2	2	0	4	2	0.2
Protective pads	0	0	0	3	3	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	4	1	3	5	2	3	0.2
Unknown	64	70	116	144	139	107	8.2
Total Passengers	1,322	1,434	1,795	1,921	0	1,294	100.0

Safety Equipment	2015	2016	2017	2018	2019	AVG.	%
Not Applicable	7	3	3	8	13	7	1.8
None	15	25	35	21	25	24	6.3
Lap belt only	2	0	2	0	0	1	0.2
Shoulder belt only	0	1	1	3	2	1	0.4
Shoulder/Lap belt(s)	267	259	275	307	264	274	71.8
Child/Youth restraint	0	0	0	0	0	0	0.0
Child restraint forward	22	20	35	23	29	26	6.8
Child restraint rear	7	8	9	10	13	9	2.5
Booster seat	3	9	7	7	12	8	2.0
Child restraint unk.	7	5	6	6	3	5	1.4
Mc/Bike helmet	3	3	2	1	2	2	0.6
Mc/bike shield only	0	0	0	0	0	0	0.0
Mc/bike helmet & shield	3	2	2	0	4	2	0.6
Protective pads	0	0	0	1	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	2	0	0	0	0	0	0.1
Unknown	18	13	28	30	17	21	5.5
Passenger Injuries	356	348	405	417	384	382	100.0

Safety Equipment	2015	2016	2017	2018	2019	AVG.	%
Not Applicable	1	0	0	0	0	0	6.7
None	0	1	4	0	0	1	33.3
Lap belt only	0	0	0	1	0	0	6.7
Shoulder belt only	0	0	0	0	0	0	0.0
Shoulder/Lap belt(s)	1	0	3	0	2	1	40.0
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	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	2	0	0	0	0	0	13.3
Passenger Fatalities	4	1	7	1	2	3	100.0

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

**Frederick County
 Pedestrian Age**

Ped. Age	2015	2016	2017	2018	2019	AVG.	%
Under 5	3	6	4	2	0	3	3.1
5 - 9	6	4	4	6	1	4	4.3
10 - 15	10	5	7	7	8	7	7.6
16 - 17	2	5	8	5	4	5	4.9
18 - 19	4	1	3	2	3	3	2.7
20 - 24	8	11	7	14	5	9	9.3
25 - 29	6	13	13	7	11	10	10.3
30 - 34	4	10	14	11	4	9	8.8
35 - 39	4	9	7	7	5	6	6.6
40 - 44	6	6	5	7	3	5	5.6
45 - 49	11	7	3	7	4	6	6.6
50 - 54	7	6	5	8	3	6	6.0
55 - 59	7	9	8	3	9	7	7.4
60 - 64	3	4	2	10	5	5	4.9
65 - 69	2	3	5	2	3	3	3.1
70 - 79	2	4	8	6	3	5	4.7
80 +	1	2	3	6	7	4	3.9
Unknown	1	0	0	0	0	0	0.2
Total Peds.	87	105	106	110	78	97	100.0

Ped. Age	2015	2016	2017	2018	2019	AVG.	%
Under 5	3	5	3	1	0	2	3.1
5 - 9	6	4	3	6	1	4	5.1
10 - 15	8	4	6	6	7	6	7.9
16 - 17	2	4	4	4	4	4	4.6
18 - 19	4	1	1	2	2	2	2.6
20 - 24	7	10	6	12	4	8	9.9
25 - 29	6	11	11	6	9	9	11.0
30 - 34	4	9	12	7	4	7	9.2
35 - 39	4	8	7	4	4	5	6.9
40 - 44	3	5	3	5	3	4	4.8
45 - 49	10	5	3	4	4	5	6.6
50 - 54	7	6	4	5	3	5	6.4
55 - 59	4	6	6	1	6	5	5.9
60 - 64	1	3	2	6	2	3	3.6
65 - 69	2	2	4	2	3	3	3.3
70 - 79	2	4	5	4	3	4	4.6
80 +	1	1	3	6	6	3	4.3
Unknown	1	0	0	0	0	0	0.3
Injured Peds.	75	88	83	81	65	78	100.0

Ped. Age	2015	2016	2017	2018	2019	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	1	0	0	0	9.1
18 - 19	0	0	0	0	0	0	0.0
20 - 24	1	0	0	1	1	1	27.3
25 - 29	0	0	0	0	0	0	0.0
30 - 34	0	0	0	1	0	0	9.1
35 - 39	0	0	0	0	0	0	0.0
40 - 44	0	0	0	0	0	0	0.0
45 - 49	0	0	0	0	0	0	0.0
50 - 54	0	0	1	0	0	0	9.1
55 - 59	0	0	1	0	1	0	18.2
60 - 64	0	0	0	2	0	0	18.2
65 - 69	0	0	0	0	0	0	0.0
70 - 79	0	0	1	0	0	0	9.1
80 +	0	0	0	0	0	0	0.0
Unknown	0	0	0	0	0	0	0.0
Ped. Fatalities	1	0	4	4	2	2	100.0

**Frederick County
 Pedestrian Gender**

	2015	2016	2017	2018	2019	AVG.	%
Ped. Gender							
Male	49	60	67	64	49	58	59.5
Female	38	45	39	46	29	39	40.5
Unknown	0	0	0	0	0	0	0.0
Total Peds.	87	105	106	110	78	97	100.0

	2015	2016	2017	2018	2019	AVG.	%
Ped. Gender							
Male	42	51	52	47	39	46	58.9
Female	33	37	31	34	26	32	41.1
Unknown	0	0	0	0	0	0	0.0
Ped. Injuries	75	88	83	81	65	78	100.0

	2015	2016	2017	2018	2019	AVG.	%
Ped. Gender							
Male	1	0	3	4	1	2	81.8
Female	0	0	1	0	1	0	18.2
Unknown	0	0	0	0	0	0	0.0
Ped. Fatalities	1	0	4	4	2	2	100.0

**Frederick County
 Pedestrian Location**

Ped. Location	2015	2016	2017	2018	2019	AVG.	%
Not App.	6	8	2	2	2	4	4.1
Shoulder	8	13	7	9	7	9	9.1
Curb	0	3	2	2	0	1	1.4
Sidewalk	3	5	7	6	6	5	5.6
Outside Right of Way	2	3	2	3	1	2	2.3
On Rd. at Crosswalk	11	15	21	9	10	13	13.6
On Rd. Not at Cross.	26	20	28	18	22	23	23.5
In School Bus Zone	0	0	0	0	0	0	0.0
In Bikeway	0	0	1	0	1	0	0.4
At Inter Marked Crosswalk	3	3	3	9	3	4	4.3
At Inter No Crosswalk	6	6	5	12	5	7	7.0
Driveway Access	1	0	0	0	2	1	0.6
Median	0	1	0	1	1	1	0.6
Island	0	0	0	0	0	0	0.0
Shared Use Path or Trail	0	1	2	1	0	1	0.8
Inside Building	3	1	1	10	2	3	3.5
Midblock Marked Crosswalk	0	1	0	0	0	0	0.2
Other/Unk.	18	25	25	28	16	22	23.0
Total Peds.	87	105	106	110	78	97	100.0

Ped. Location	2015	2016	2017	2018	2019	AVG.	%
Not App.	2	2	1	0	0	1	1.3
Shoulder	8	10	5	6	6	7	8.9
Curb	0	3	2	2	0	1	1.8
Sidewalk	3	5	5	5	6	5	6.1
Outside Right of Way	2	3	2	3	1	2	2.8
On Rd. at Crosswalk	10	15	19	9	8	12	15.6
On Rd. Not at Cross.	23	19	22	14	18	19	24.5
In School Bus Zone	0	0	0	0	0	0	0.0
In Bikeway	0	0	1	0	1	0	0.5
Inter Marked Crosswalk	3	3	2	8	3	4	4.8
At Inters No Crosswalk	6	5	4	11	5	6	7.9
Driveway Access	1	0	0	0	2	1	0.8
Median	0	1	0	0	1	0	0.5
Island	0	0	0	0	0	0	0.0
Shared Use Path or Trail	0	1	1	1	0	1	0.8
Inside Building	0	0	0	1	0	0	0.3
Midblock Marked Crosswalk	0	1	0	0	0	0	0.3
Other/Unk.	17	20	19	21	14	18	23.2
Injured Peds.	75	88	83	81	65	78	100.0

Ped. Location	2015	2016	2017	2018	2019	AVG.	%
Not App.	0	0	0	0	0	0	0.0
Shoulder	0	0	0	2	0	0	18.2
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.	1	0	3	2	2	2	72.7
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	0	1	0	0	0	9.1
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	0	0	0.0
Ped. Fatalities	1	0	4	4	2	2	100.0

**Frederick County
 Pedestrian Movement**

Ped. Movement	2015	2016	2017	2018	2019	AVG.	%
Cross. at Intersection	21	25	27	31	21	25	25.7
Cross. Not at Inter.	16	14	14	18	12	15	15.2
Walk/Ride with Traff.	5	12	13	8	6	9	9.1
Walk/Ride against Tra.	3	5	6	2	5	4	4.3
Playing	6	1	3	2	0	2	2.5
Standing	10	14	15	7	10	11	11.5
Getting On/Off Veh.	2	1	1	1	1	1	1.2
Push/Work on Veh.	1	1	1	0	0	1	0.6
Other Working	2	2	1	8	1	3	2.9
Hitchhiking	0	0	0	0	0	0	0.0
On / Off School Bus	0	0	0	1	0	0	0.2
Walking to from school	0	0	2	0	1	1	0.6
Walking cycling on sidewalk	1	4	4	2	2	3	2.7
Other / Unknown	20	26	19	30	19	23	23.5
Total Pedestrians	87	105	106	110	78	97	100.0

Ped. Movement	2015	2016	2017	2018	2019	AVG.	%
Cross. at Intersection	20	24	23	29	19	23	29.3
Cross. Not at Inter.	14	12	12	14	11	13	16.1
Walk/Ride with Traff.	5	10	9	7	4	7	8.9
Walk/Ride against Tra.	3	5	5	2	5	4	5.1
Playing	5	1	3	2	0	2	2.8
Standing	10	12	14	6	8	10	12.8
Getting On/Off Veh.	2	1	1	0	1	1	1.3
Push/Work on Veh.	1	0	1	0	0	0	0.5
Other Working	2	2	0	5	1	2	2.6
Hitchhiking	0	0	0	0	0	0	0.0
On / Off School Bus	0	0	0	1	0	0	0.3
Walking to from school	0	0	1	0	1	0	0.5
Walking cycling on sidewalk	1	4	2	2	2	2	2.8
Other / Unknown	12	17	12	13	13	13	17.1
Injured Peds.	75	88	83	81	65	78	100.0

Ped. Movement	2015	2016	2017	2018	2019	AVG.	%
Cross. at Intersection	0	0	1	0	0	0	9.1
Cross. Not at Inter.	1	0	1	2	1	1	45.5
Walk/Ride with Traff.	0	0	2	0	1	1	27.3
Walk/Ride against Tra.	0	0	0	0	0	0	0.0
Playing	0	0	0	0	0	0	0.0
Standing	0	0	0	0	0	0	0.0
Getting On/Off Veh.	0	0	0	1	0	0	9.1
Push/Work on Veh.	0	0	0	0	0	0	0.0
Other Working	0	0	0	1	0	0	9.1
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	0	0	0	0	0	0	0.0
Ped. Fatalities	1	0	4	4	2	2	100.0