Delaware's Annual Traffic Statistical Report

2018

Prepared by:

Delaware State Police

Delaware Information and Analysis Center

DELAWARE INFORMATION ANALYSIS CENTER

DIAC

"SECURITY THROUGH VIGILANCE"

2018
DELAWARE

THERE WERE
721,862 LICENSED DRIVERS,

930,665 REGISTERED
MOTOR VEHICLES,

AND 10,780,000,000
VEHICLE MILES DRIVEN*.

THERE WERE
28,863 TRAFFIC CRASHES

RESULTING IN
110 PEOPLE KILLED &
8,161 PEOPLE INJURED

AND AN ECONOMIC LOSS** OF
OVER $1 BILLION DOLLARS.

* Vehicle Miles Driven based on estimated for the year 2018.
** Economic loss based on 2017 estimates from National Safety Council -- most recent available.

INTRODUCTION

This annual compilation of the 2018 crash statistics shows information for crashes occurring on public roadways which produced injuries and / or property damage over $1500. Crashes investigated by all police agencies in Delaware are included in the statistics unless otherwise noted.

Delaware's Annual Traffic Statistical Report for 2018 is available for viewing and printing from the Delaware State Police website   http://dsp.delaware.gov/reports Current as well as past Reports are available from this site.

If you have any questions regarding this Report, you may contact me via e-mail at tammy.hyland@delaware.gov.

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Delaware State Police

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General Traffic Statistics

TRAFFIC STATISTICS
IN BRIEF

	2017	**2018**	**% Change**
Registered Vehicles	928,223	930,665	0%
Licensed Drivers	714,426	721,862	1%
Vehicle Miles Traveled** (in millions)	10,467	10,780	3%
Population	965,237	974,051	1%
Fatal Crashes	114	104	-9%
Personal Injury Crashes	5,427	5,216	-4%
Property Damage Crashes	22,539	23,543	4%
Total Crashes	28,080	28,863	3%
Persons Killed	119	110	-8%
Persons Injured	8,527	8,161	-4%
Death Rate per 100 million Vehicle Miles Driven	1.14	1.02	-10%
Death Rate per 10,000 Registered Vehicles	1.28	1.18	-8%
Death Rate per 100,000 Population	12.33	11.29	-8%

POPULATION, LICENSED DRIVERS, REGISTERED MOTOR VEHICLES, and MOTOR VEHICLE MILEAGE
2002 - 2018

YEAR	POPULATION	LICENSED DRIVERS	REGISTERED MOTOR VEHICLES	MOTOR VEHICLE MILEAGE ** **** In Millions**
2002	804,323	577,581	755,272	8,838
2003	814,550	591,713	778,016	9,010
2004	826,280	604,124	803,942	9,263
2005	839,924	614,417	824,351	9,486
2006	853,006	620,433	841,620	9,407
2007	864,894	627,096	854,604	9,453
2008	876,194	634,358	850,138	8,959
2009	885,131	639,352	823,590	9,041
2010	900,429	648,125	819,898	8,948
2011	909,590	653,141	825,184	9,028
2012	917,700	658,395	831,496	9,147
2013	926,110	667,665	848,026	9,311
2014	935,883	674,869	867,438	9,570
2015	945,929	684,731	892,508	9,761
2016	955,754	697,535	909,609	10,151
2017	965,237	714,426	928,223	10,467
2018	974,051	721,862	930,665	10,780

Source for population figures: Delaware Population Consortium

Source for licensed drivers and registered vehicles: DE DOT, Division of Motor Vehicles
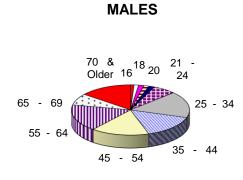
Source for motor vehicle mileage: Department of Transportation
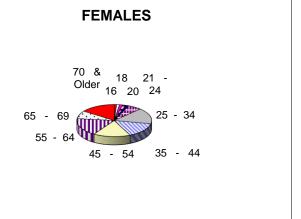
Mileage is estimated for the year 2018.
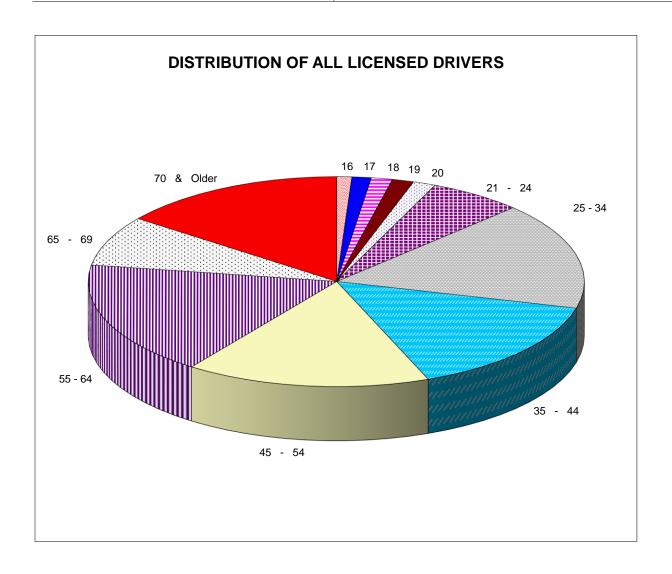
NUMBER & PERCENTAGE DISTRIBUTION
of
LICENSED DRIVERS
2018

AGE	MALE	FEMALE	TOTAL #	%*
16	3,318	3,716	7,034	1%
17	4,400	4,660	9,060	1%
18	4,993	4,942	9,935	1%
19	5,008	5,126	10,134	1%
20	5,332	5,264	10,596	1%
21 - 24	22,169	21,927	44,096	6%
25 - 34	59,229	59,929	119,158	17%
35 - 44	52,365	55,287	107,652	15%
45 - 54	55,312	59,480	114,792	16%
55 - 64	60,350	66,718	127,068	18%
65 - 69	25,971	29,747	55,718	8%
70 & Older	50,059	56,560	106,619	15%
TOTAL:	**348,506**	**373,356**	**721,862**	**100%**

* Percentages may not add to 100% due to rounding.
Source for data: DEDOT, Division of Motor Vehicles

MALES

70 & Older 16 18 20 21 - 24
65 - 69 25 - 34
55 - 64 35 - 44
45 - 54

FEMALES

70 & Older 18 21 - 24
16 20
65 - 69 25 - 34
55 - 64 35 - 44
45 - 54

DISTRIBUTION OF ALL LICENSED DRIVERS

16 17 18 19 20
70 & Older 21 - 24
65 - 69 25 - 34
55 - 64 35 - 44
45 - 54
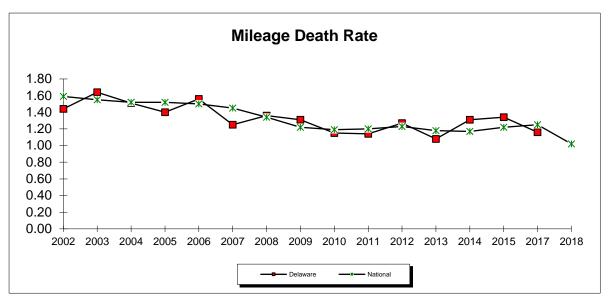
VEHICLE DEATH RATES
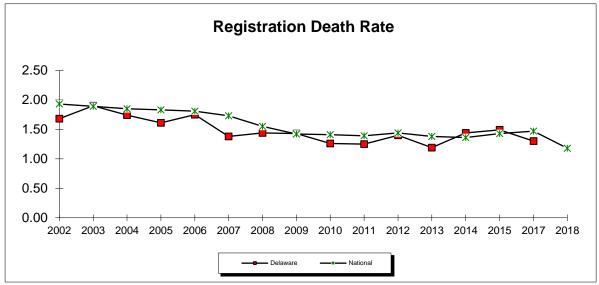
YEAR	MILEAGE DEATH RATE		REGISTRATION DEATH RATE		POPULATION DEATH RATE	
	Delaware	National	Delaware	National	Delaware	National
2002	1.44	1.59	1.68	1.93	15.79	15.80
2003	1.64	1.55	1.90	1.89	18.17	15.40
2004	1.51	1.52	1.74	1.85	16.94	15.30
2005	1.40	1.52	1.61	1.83	15.83	15.30
2006	1.56	1.50	1.75	1.81	17.23	15.20
2007	1.25	1.45	1.38	1.73	13.64	14.60
2008	1.36	1.34	1.44	1.55	13.92	13.10
2009	1.31	1.22	1.43	1.42	13.33	11.80
2010	1.15	1.19	1.26	1.41	11.45	11.40
2011	1.14	1.20	1.25	1.39	11.34	11.30
2012	1.27	1.23	1.40	1.44	12.65	11.60
2013	1.08	1.18	1.19	1.38	10.91	11.20
2014	1.31	1.17	1.44	1.36	13.40	11.10
2015	1.34	1.22	1.49	1.43	14.06	11.80
2016	1.17	1.27	1.31	1.50	12.45	12.50
2017	1.16	1.25	1.30	1.47	12.54	12.35
2018	1.02		1.18		11.29	
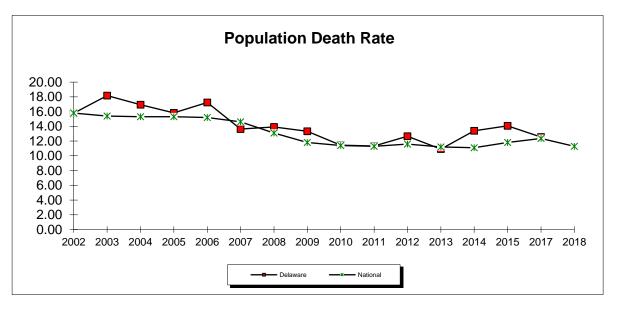
Mileage Death Rate is the number of deaths per 100 million Vehicle Miles.
Registration Death Rate is the number of deaths per 10,000 Registrations.
Population Death Rate is the number of deaths per 100,000 Population.

Source for National figures: National Safety Council
National death rates for 2018 were not available at the time of publication.

Mileage Death Rate

Registration Death Rate

Population Death Rate
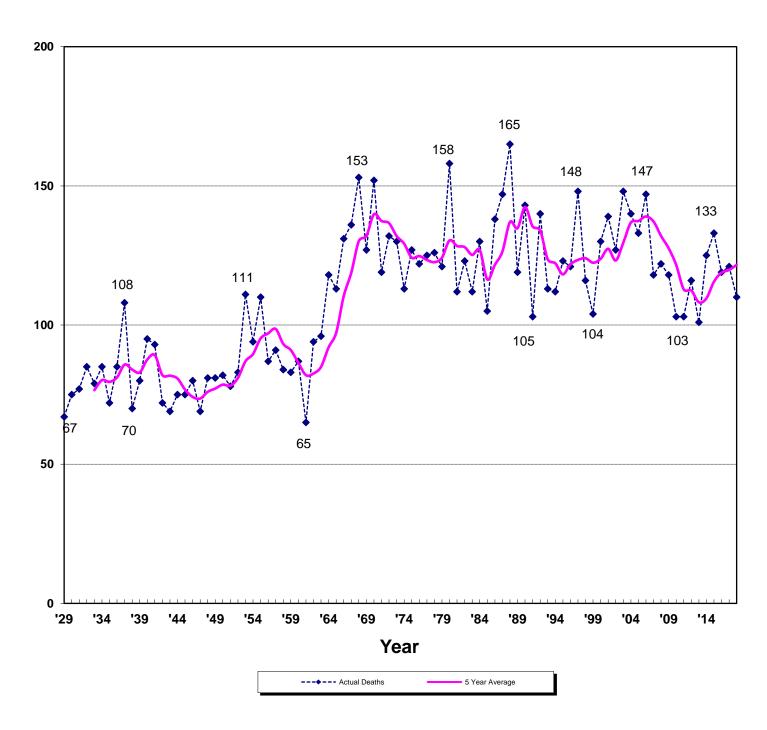
STATEWIDE
CRASH AND INJURY DATA

1999 - 2018

YEAR	ALL CRASHES	FATAL CRASHES	PERSONAL INJURY CRASHES	PROPERTY DAMAGE CRASHES	PERSONS KILLED	PERSONS INJURED
1999	20,646	95	6,371	14,180	104	10,523
2000	21,218	121	6,408	14,689	130	10,421
2001	20,406	119	6,019	14,268	139	9,965
2002	21,215	117	6,172	14,926	127	9,965
2003	21,020	138	5,644	15,238	148	8,898
2004	19,642	130	5,326	14,186	140	8,314
2005	18,682	118	5,349	13,215	133	8,366
2006	19,351	133	5,472	13,746	147	8,145
2007	20,017	106	5,254	14,657	118	7,568
2008	19,506	106	5,045	14,355	122	7,200
2009	18,927	102	5,025	13,800	118	7,239
2010	20,697	94	5,383	15,220	103	8,001
2011	20,867	97	5,215	15,555	103	7,700
2012	21,197	110	5,507	15,580	116	7,704
2013	21,378	96	4,994	16,288	101	7,789
2014	22,967	111	4,950	17,906	125	7,537
2015	24,066	129	5,253	18,684	133	8,058
2016	26,458	116	5,551	20,791	119	8,525
2017	28,080	114	5,427	22,539	121	8,332
2018	28,863	104	5,216	23,543	110	8,161

Delaware Traffic Deaths
1929 - 2018

Legend: Actual Deaths — 5 Year Average

General
Crash Statistics
for
2018

DELAWARE
Traffic Crash Facts

- There were 28,863 reportable traffic crashes of which 104 were fatal, 5,216 were personal injury, and 23,543 were property damage crashes.

- A traffic crash was reported every 18 minutes.

- In 104 fatal crashes, 110 persons were killed.

- Fourteen (13%) of the persons killed in Delaware in 2018 were minors (less than 21 years old).

- One person was killed every 80 hours as a result of traffic crashes.

- There were 8,161 persons injured in Delaware crashes.

- One person was injured every 64 minutes in traffic crashes.

- For each person killed, there were 74 injured.

- One out of every 20 licensed drivers in Delaware was a driver in a traffic crash.

- Alcohol was involved in 36% of the fatal crashes.

- Of all the drivers killed in fatal crashes, over a third (39%) of them were under the influence of drugs and / or alcohol.

- The number of pedestrians killed in traffic crashes in 2018 was 24, down from 35 in 2017.

- For each pedestrian killed, there were 12 injured.

- There were six bicyclists killed in traffic crashes in 2018. There were four bicycle fatalities in 2017.

- There were 102 bicyclists injured in 2018.

- Children under 15 years of age accounted for 11% of the bicyclists' injuries.

- There were 16 motorcyclists killed of which 7 were wearing a helmet.

- Of the 15 motorcycle operators killed, 8 were under the influence of alcohol and / or drugs.

- Of the 63 occupants killed in traffic crashes in 2018, only 30 were using occupant restraints.

- Of the 698 occupants killed in traffic crashes in the last ten years, only half (50%) were using occupant restraints.

2018
STATEWIDE FATAL CRASH SUMMARY

1. Fatal Crashes and Fatalities

	CRASHES	DEATHS
New Castle	50	56
Kent	24	24
Sussex	30	30
TOTAL:	**104**	**110**

2. Alcohol Related Fatal Crashes and Fatalities
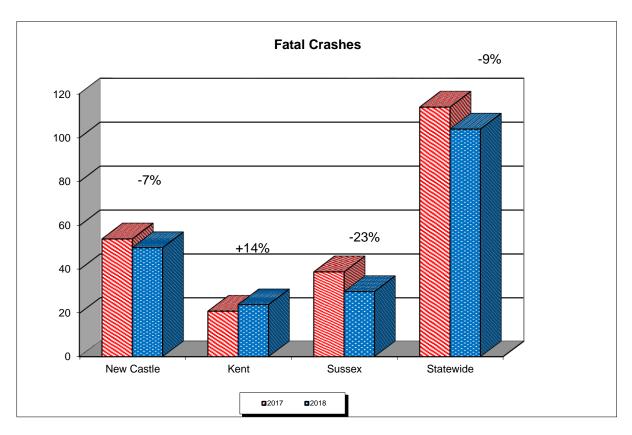
	CRASHES	DEATHS
New Castle	22	24
Kent	8	8
Sussex	7	7
TOTAL:	**37**	**39**
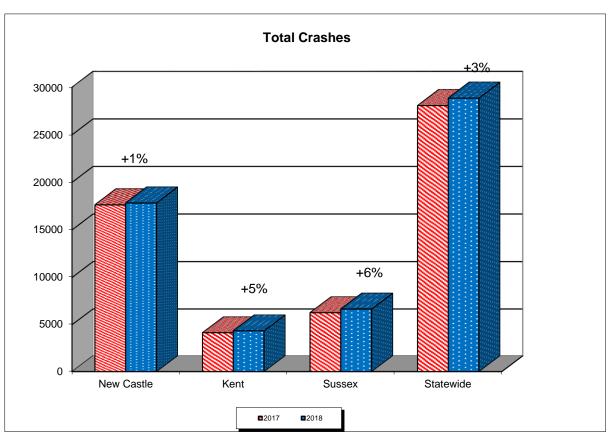
3. Status of Victims

A. CAR OCCUPANTS		64
Operators	47	
Passengers	17	
B. MOTORCYCLISTS		16
Operators	15	
Passengers	1	
C. PEDESTRIANS		24
D. BICYCLISTS		6
E. OTHER		0
TOTAL DEATHS:		**110**

CRASH COMPARISON
by County

	2017	2018	% CHANGE
NEW CASTLE COUNTY			
Fatal Crashes	54	50	-7%
Personal Injury Crashes	3290	3089	-6%
Property Damage Crashes	14300	14698	3%
Total Crashes	17644	17837	1%
Fatalities	58	56	-3%
Injuries	5005	4827	-4%
KENT COUNTY			
Fatal Crashes	21	24	14%
Personal Injury Crashes	1012	1021	1%
Property Damage Crashes	3117	3308	6%
Total Crashes	4150	4353	5%
Fatalities	23	24	4%
Injuries	1599	1579	-1%
SUSSEX COUNTY			
Fatal Crashes	39	30	-23%
Personal Injury Crashes	1125	1106	-2%
Property Damage Crashes	5122	5537	8%
Total Crashes	6286	6673	6%
Fatalities	40	30	-25%
Injuries	1728	1755	2%
STATEWIDE			
Fatal Crashes	114	104	-9%
Personal Injury Crashes	5427	5216	-4%
Property Damage Crashes	22539	23543	4%
Total Crashes	28080	28863	3%
Fatalities	121	110	-9%
Injuries	8332	8161	-2%

Fatal Crashes

-9%

-7%

+14%

-23%

	2017	2018

New Castle   Kent   Sussex   Statewide

Total Crashes

+3%

+1%

+5%

+6%

	2017	2018

New Castle   Kent   Sussex   Statewide

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Type of Crash

Type of Crash	All Crashes	Fatal Crashes	Personal Injury Crashes	Property Damage Crashes
Overturning	88	1	41	46
Other Non-Collision	320	0	40	280
Pedestrian	205	21	132	52
Pedalcyclist	72	6	49	17
Railway Train	5	1	1	3
Animal	1792	0	53	1739
Motor Vehicle in Transport	18640	52	3746	14842
Parked / Stopped Motor Vehicl	3303	2	475	2826
Other Non-fixed Object	229	0	16	213
Collision with Bridge, Ditch, Curb, Embankment	1001	3	183	815
Collision with Guardrail, Median Barrier	653	4	131	518
Collision with Tree	310	7	91	212
Collision with Utility Pole, Light Support, Mailbox	489	4	88	397
Other Fixed Object	875	3	131	741
Other	881	0	39	842
TOTALS:	**28863**	**104**	**5216**	**23543**

*2018 data - Based on first harmful event.

Contributing Circumstances

Contributing Circumstances	All Crashes	Fatal Crashes	Personal Injury Crashes	Property Damage Crashes
Speeding	193	4	50	139
Failed to yield r.o.w.	2536	12	726	1798
Passed stop sign	431	5	145	281
Disregard traffic signal	698	1	290	407
Wrong side or wrong way	93	7	41	45
Improper passing or lane change	1618	3	200	1415
Followed too close	3459	1	592	2866
Made improper turn	433	0	85	348
Driving under influence	899	18	274	607
Driver inattention, distraction, or fatigue	6646	12	1321	5313
Driving carelessly / recklessly	2569	5	537	2027
Driving aggressively	100	1	23	76
Other improper driving	869	2	89	778
Animal in roadway	1970	0	78	1892
Environmental - debris, weather, glare, etc.	843	0	117	726
Pedestrian	156	20	101	35
Other / Unknown	5350	13	547	4790
TOTALS:	**28863**	**104**	**5216**	**23543**

r.o.w. = right of way

*2018 data

Contributing Circumstances
for
Intersection Related Crashes

Contributing Circumstances	All Crashes	Fatal Crashes	Personal Injury Crashes	Property Damage Crashes
Speeding	46	0	14	32
Failed to yield r.o.w.	1727	7	557	1163
Passed stop sign	400	4	140	256
Disregard traffic signal	642	1	276	365
Wrong side or wrong way	24	1	13	10
Improper passing or lane change	371	2	49	320
Followed too close	1298	0	261	1037
Made improper turn	264	0	53	211
Driving under influence	235	3	83	149
Driver inattention, distraction, or fatigue	2741	2	647	2092
Driving carelessly / recklessly	661	1	149	511
Driving aggressively	27	0	6	21
Other improper driving	85	0	24	61
Animal in roadway	44	0	3	41
Environmental - debris, weather, glare, etc.	118	0	22	96
Pedestrian	46	2	32	12
Other / Unknown	956	0	175	781
TOTALS:	**9685**	**23**	**2504**	**7158**

r.o.w. = right of way

*2018 data

ROAD CONDITIONS

Road Surface Condition	All Crashes	Fatal Crashes	Personal Injury Crashes	Property Damage Crashes
Dry	21868	86	4088	17694
Wet	5388	15	980	4393
Snowy / Icy	885	2	130	753
Other / Not Stated	722	1	18	703
TOTALS:	**28863**	**104**	**5216**	**23543**

LIGHT CONDITIONS

Light Condition	All Crashes	Fatal Crashes	Personal Injury Crashes	Property Damage Crashes
Daylight	18390	50	3536	14804
Dawn / Dusk	1107	1	191	915
Darkness, Lighted	4595	13	874	3708
Darkness, Not Lit	3926	40	588	3298
Darkness, Unk Light	99	0	14	85
Other / Not Stated	746	0	13	733
TOTALS:	**28863**	**104**	**5216**	**23543**

WEATHER CONDITIONS*

Weather Condition	All Crashes	Fatal Crashes	Personal Injury Crashes	Property Damage Crashes
Clear	19309	72	3641	15596
Cloudy	4299	24	784	3491
Fog, smog, smoke	159	0	21	138
Rain	3862	8	698	3156
Snow / Sleet	785	2	104	679
Other / Not Stated	758	0	16	742
TOTALS:	**29172**	**106**	**5264**	**23802**
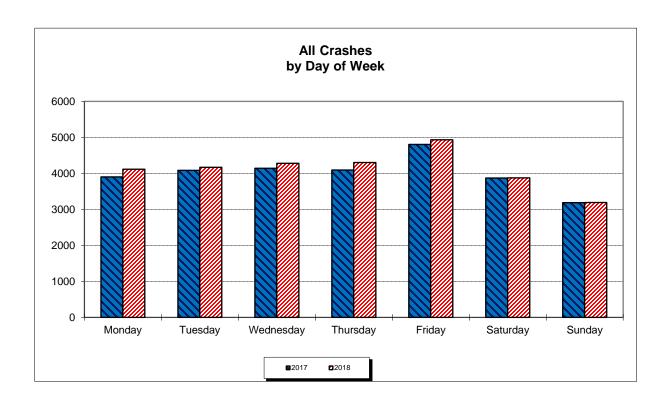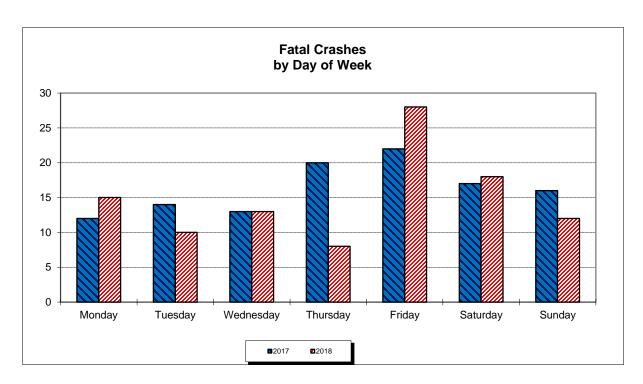
* For weather conditions, up to two choices per crash can be entered in the crash reports.

*2018 data

DAY OF WEEK
All Crashes and Fatal Crashes
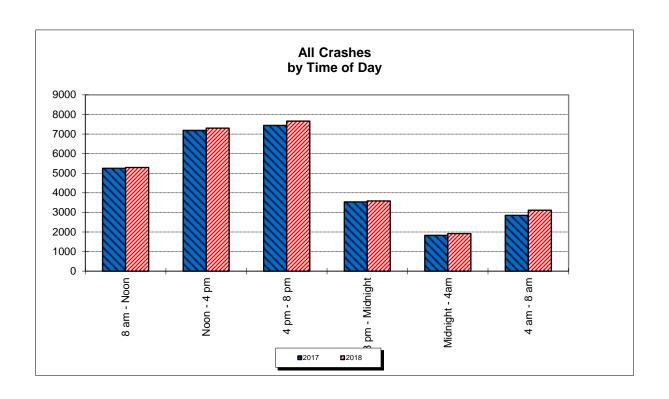
Day of Week	All Crashes		Fatal Crashes	
	2017	2018	2017	2018
Monday	3900	4116	12	15
Tuesday	4084	4169	14	10
Wednesday	4142	4279	13	13
Thursday	4093	4304	20	8
Friday	4803	4931	22	28
Saturday	3871	3875	17	18
Sunday	3187	3189	16	12
TOTALS:	**28080**	**28863**	**114**	**104**

**All Crashes
by Day of Week**

**Fatal Crashes
by Day of Week**

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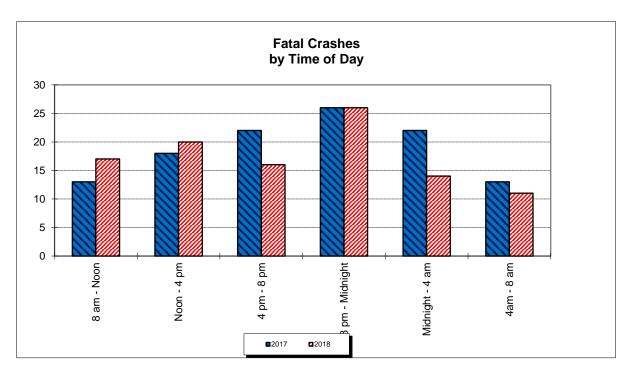
TIME OF DAY
All Crashes and Fatal Crashes
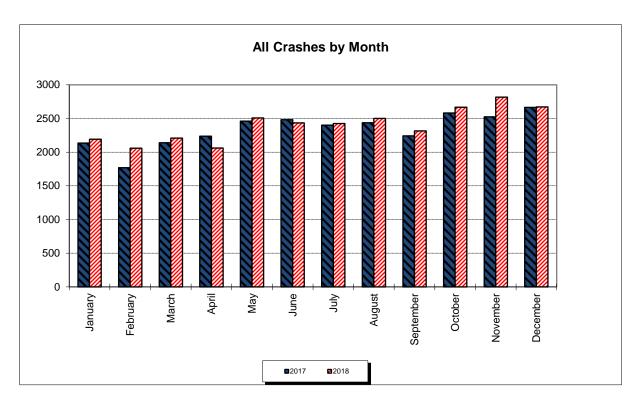
Time of Day	All Crashes		Fatal Crashes	
	2017	2018	2017	2018
8 am - Noon	5248	5289	13	17
Noon - 4 pm	7184	7302	18	20
4 pm - 8 pm	7435	7659	22	16
8 pm - Midnight	3537	3583	26	26
Midnight - 4 am	1825	1917	22	14
4 am - 8 am	2851	3113	13	11
Not Stated	0	0	0	0
TOTALS:	**28080**	**28863**	**114**	**104**
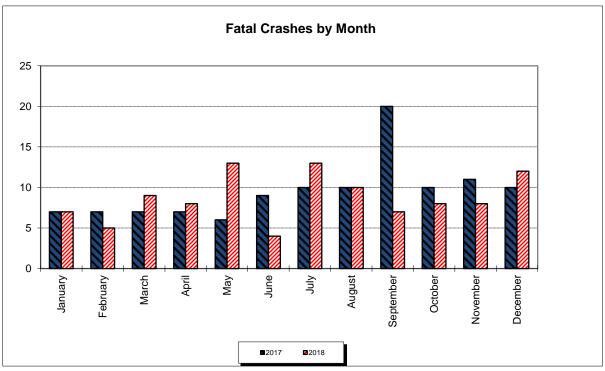
All Crashes
by Time of Day

Legend: 2017, 2018

X-axis categories: 8 am - Noon, Noon - 4 pm, 4 pm - 8 pm, 8 pm - Midnight, Midnight - 4am, 4 am - 8 am

Fatal Crashes
by Time of Day

Legend: 2017, 2018

X-axis categories: 8 am - Noon, Noon - 4 pm, 4 pm - 8 pm, 8 pm - Midnight, Midnight - 4 am, 4am - 8 am

CRASHES BY MONTH
All Crashes and Fatal Crashes

Month	All Crashes		Fatal Crashes	
	2017	2018	2017	2018
January	2136	2192	7	7
February	1770	2060	7	5
March	2141	2209	7	9
April	2238	2062	7	8
May	2461	2508	6	13
June	2481	2435	9	4
July	2401	2425	10	13
August	2436	2500	10	10
September	2243	2315	20	7
October	2582	2668	10	8
November	2525	2816	11	8
December	2666	2673	10	12
TOTALS:	**28080**	**28863**	**114**	**104**

All Crashes by Month

Fatal Crashes by Month

CONTRIBUTING POLICE AGENCIES

Police Agency	All Crashes		Fatal Crashes		Personal Injury Crashes		Property Damage Crashes	
	'17	'18	'17	'18	'17	'18	'17	'18
Delaware State Police	18242	18896	91	88	3227	3158	14924	15650
Bethany Beach	49	36	0	0	5	5	44	31
Blades	14	10	0	0	1	1	13	9
Bridgeville	38	67	0	0	11	12	27	55
Camden	141	151	0	0	23	22	118	129
Clayton	27	8	0	0	5	4	22	4
Dagsboro	57	40	1	0	11	8	45	32
DE River & Bay Authority	359	235	0	0	65	52	294	183
Delaware City	13	17	0	0	2	3	11	14
Delmar	46	42	0	1	9	5	37	36
Dewey Beach	37	32	1	0	7	2	29	30
Dover	1003	1136	3	6	375	369	625	761
Elsmere	20	124	0	0	13	13	7	111
Felton	18	16	0	0	4	3	14	13
Fenwick	2	5	0	0	1	0	1	5
Frederica	2	6	0	0	0	1	2	5
Georgetown	472	482	2	0	52	72	418	410
Greenwood	21	19	0	0	5	0	16	19
Harrington	67	70	0	1	13	16	54	53
Laurel	113	110	0	0	22	30	91	80

CONTRIBUTING POLICE AGENCIES (cont.)

Police Agency	All Crashes		Fatal Crashes		Personal Injury Crashes		Property Damage Crashes	
	'17	'18	'17	'18	'17	'18	'17	'18
Lewes	59	47	0	0	7	6	52	41
Middletown	434	445	1	1	133	141	300	303
Milford	406	430	0	1	92	91	314	338
Millsboro	168	179	0	0	11	26	157	153
Milton	25	38	0	0	4	10	21	28
Newark	968	931	1	1	254	238	713	692
New Castle City	157	129	0	0	28	31	129	98
New Castle Co.	1806	1724	9	1	330	279	1467	1444
Newport	109	89	0	0	33	15	76	74
Ocean View	60	44	0	1	8	7	52	36
Rehoboth Beach	66	66	0	0	9	8	57	58
Seaford	196	239	0	0	35	56	161	183
Selbyville	73	78	1	0	18	8	54	70
Smyrna	189	220	0	1	5	37	184	182
South Bethany	4	5	0	0	0	0	4	5
Wilmington	2387	2604	4	2	555	475	1828	2127
Wyoming	15	24	0	0	3	6	12	18
Other	216	69	0	0	51	6	165	63
TOTALS:	**28079**	**28863**	**114**	**104**	**5427**	**5216**	**22538**	**23543**

Vehicle / Driver Statistics

TYPE OF VEHICLE

Type of Vehicle	All Crashes	Fatal Crashes	Personal Injury Crashes	Property Damage Crashes
Passenger Car	27017	70	5405	21542
Pickup Truck	5487	29	989	4469
Truck Tractor & Semi	840	4	127	709
Other Truck Combo, or Commercial Van	1366	9	240	1117
Motorcycle	280	17	178	85
Bus	175	3	50	122
School Bus	218	1	36	181
Farm Tractor &/or Farm Equipment	17	0	4	13
Sport Utility Vehicle	12184	36	2428	9720
Minivan / Passenger Van	2330	6	504	1820
Other	163	2	34	127
Not Stated	3384	0	160	3224
TOTALS:	**53461**	**177**	**10155**	**43129**

* Shows number of vehicles, not number of crashes.   * 2018 data

AGE OF DRIVER

Age of Driver	All Crashes	Fatal Crashes	Personal Injury Crashes	Property Damage Crashes
15 & Under	31	0	5	26
16	428	1	84	343
17	1020	1	214	805
18	1112	4	261	847
19	1149	3	268	878
20	1158	1	246	911
21 - 24	4640	18	947	3675
25 - 34	10455	36	2258	8161
35 - 44	7734	25	1636	6073
45 - 54	6986	25	1489	5472
55 - 64	5879	30	1212	4637
65 - 74	3369	14	713	2642
75 & Older	1685	14	413	1258
Not Stated	3427	1	156	3270
TOTALS:	**49073**	**173**	**9902**	**38998**

* Shows number of drivers, not number of crashes.   * 2018 data

29

GENDER OF DRIVER

Gender of Driver	All Crashes	Fatal Crashes	Personal Injury Crashes	Property Damage Crashes
Male	26135	123	5214	20798
Female	20419	49	4607	15763
Not Stated	2519	1	81	2437
TOTALS:	**49073**	**173**	**9902**	**38998**

RESIDENCE OF DRIVER

Residence	All Crashes	Fatal Crashes	Personal Injury Crashes	Property Damage Crashes
Local Residence	36396	130	8006	28260
Non-Residence of Delaware	9350	42	1740	7568
Not Stated	3327	1	156	3170
TOTALS:	**49073**	**173**	**9902**	**38998**
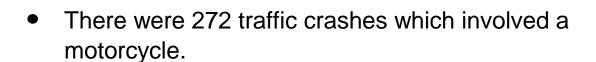
* Shows number of drivers, not number of crashes.   * 2018 data

Motorcycle Crashes

In 2018:

- There were 272 traffic crashes which involved a motorcycle.

- 6% (16) of the crashes were fatal crashes. Of the 16 fatal crashes involving motorcycles, 8 were alcohol related.

- 64% (175) of the crashes were personal injury crashes. Eleven (11) of those were alcohol related.

- 30% (81) of the crashes were property damage crashes. Five (5) were alcohol related.

- Of the 16 motorcyclists killed in 2018, 7 were wearing a helmet.

- Of the 15 motorcycle operators killed, 8 had been drinking alcohol & / or consuming drugs.

- The death rate for motorcyclists was 7.59 per 10,000 registrations -- compared to a death rate of 1.18 for all vehicles registered.

** Percentages may not add to 100% due to rounding.

MOTORCYCLE CRASHES
2002 - 2018

Year	Reg. Motor-cycles	All Crashes	Fatal Crashes	Personal Injury Crashes	Motor-cyclists Killed	Number Killed Wearing Helmets	Motor-cyclists Injured	Number Injured Wearing Helmets
2002	13,721	246	7	186	7	3	191	69
2003	15,318	277	12	196	12	7	197	96
2004	17,238	214	10	139	10	5	167	83
2005	19,063	295	25	212	21	12	204	129
2006	21,246	348	14	274	12	4	254	158
2007	23,066	426	16	335	17	6	336	230
2008	24,660	368	16	273	16	7	286	178
2009	24,526	312	14	246	14	5	255	151
2010	24,498	358	9	282	9	6	305	192
2011	24,627	353	17	243	18	8	264	173
2012	24,332	353	17	247	17	12	257	169
2013	23,526	331	21	217	20	13	231	165
2014	22,816	377	13	266	15	8	287	163
2015	22,888	374	20	238	20	14	252	156
2016	22,425	327	14	201	14	10	229	159
2017*	22,115	354	11	230	10	5	249	154
2018	**21,071**	**272**	**16**	**175**	**16**	**7**	**187**	**121**

* In 2017, one of the fatal crashes did not result in a motorcyclist's death. A pedestrian was killed in that crash.
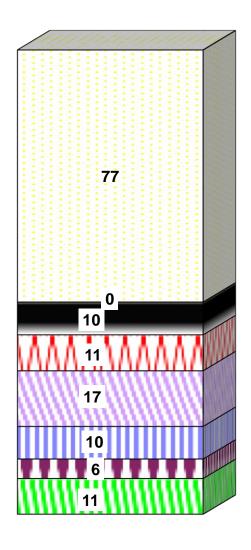
MOTORCYCLE CRASHES & INJURIES
by COUNTY
2015 - 2018

Year	County	All Crashes	Motorcyclist Fatalities	Motorcyclist Injuries
2015	New Castle Co.	192	5	131
	Kent Co.	83	7	69
	Sussex Co.	99	8	87
	Total	374	20	287
2016	New Castle Co.	175	8	121
	Kent Co.	70	4	58
	Sussex Co.	82	2	73
	Total	327	14	252
2017	New Castle Co.	186	5	130
	Kent Co.	61	1	44
	Sussex Co.	107	4	75
	Total	354	10	249
2018	New Castle Co.	145	10	101
	Kent Co.	55	3	42
	Sussex Co.	72	3	44
	Total	272	16	187

Motorcycle Crashes
BAC Information of Motorcycle Operators

Of the 142 motorcycle operators* involved
in fatal crashes in the last 10 years:

77 — No Alcohol or Drugs

0 — BAC of .26 or Greater

10 — BAC of .21 - .25

11 — BAC of .16 - .20

17 — BAC of .10 - .15

10 — BAC of .01 - .09

6 — BAC Unknown**

11 — Drugs Only

*Motorcycle operators were not necessarily the fatality.
** Had been drinking, impairment level unknown.

Data for years 2009 through 2018

Bicycle Crashes

In 2018:

- There were 137 traffic crashes which involved at least one pedalcyclists in the collision.

- Six of the pedalcyclist crashes were fatal.

- 73% (100) of the crashes were personal injury.

- 23% (31) of the crashes were property damage only crashes.

- Children under 15 years of age accounted for 11**%** of the bicyclist injuries.

- The number of bicyclist crashes by county:

	Total Crashes	Fatal Crashes
New Castle County	53	0
Kent County	28	2
Sussex County	56	4

** Percentages may not add to 100% due to rounding.

BICYCLISTS KILLED & INJURED
by AGE
2016 - 2018

Age of Bicyclist	2016 Killed	2016 Injured	2017 Killed	2017 Injured	2018 Killed	2018 Injured
0 - 4	0	0	0	1	0	0
5 - 9	0	3	0	10	0	6
10 - 14	0	17	0	10	0	6
15 - 19	0	16	0	19	1	14
20 - 24	2	14	0	19	0	16
25 - 34	0	15	0	9	2	14
35 - 44	0	13	0	9	1	9
45 - 54	1	15	1	9	0	9
55 - 64	0	17	1	14	1	18
65 - 74	0	4	1	4	0	10
75 & Older	0	2	1	3	1	0
Not Stated	0	0	0	0	0	0
TOTALS:	**3**	**116**	**4**	**107**	**6**	**102**

* Includes all bicyclists injured regardless of classification of crash.

BICYCLISTS KILLED & INJURED
by COUNTY
2018

Age of Bicyclist	New Castle Co. Killed	Injured	Kent Co. Killed	Injured	Sussex Co. Killed	Injured
0 - 4	0	0	0	0	0	0
5 - 9	0	4	0	0	0	2
10 - 14	0	3	0	1	0	2
15 - 19	0	8	0	2	1	4
20 - 24	0	2	0	4	0	10
25 - 34	0	8	1	1	1	5
35 - 44	0	1	1	6	0	2
45 - 54	0	4	0	2	0	3
55 - 64	0	6	0	4	1	8
65 - 74	0	4	0	0	0	6
75 & Older	0	0	0	0	1	0
Not Stated	0	0	0	0	0	0
TOTALS:	**0**	**40**	**2**	**20**	**4**	**42**

* Includes all bicyclists injured regardless of classification of crash.

Truck Crashes

In 2018:

- There were 2,117 traffic crashes which involved a truck tractor and semi-trailer, other truck combination, and / or commercially used van.

- 12 (<1%) of the crashes were fatal crashes.

- 351 (17%) of the crashes were personal injury crashes.

- 1754 (83%) of the crashes were property damage crashes.

- A total of 12 people were killed in traffic crashes involving a truck in 2018 -- 15 were killed in 2017.

- In 2018, 548 persons were injured in truck crashes -- 552 were injured in 2017.

- Of the 2,100 truck drivers involved in these crashes, 5 of them had consumed alcohol and / or drugs.

CRASHES INVOLVING TRUCKS
ALL CRASHES and FATAL CRASHES
by
DAY OF WEEK

Day of Week	All Crashes		Fatal Crashes	
	2017	2018	2017	2018
Monday	304	316	2	4
Tuesday	354	399	2	1
Wednesday	342	359	4	1
Thursday	372	387	4	2
Friday	413	424	1	3
Saturday	146	143	0	1
Sunday	94	89	0	0
TOTALS:	**2025**	**2117**	**13**	**12**

NOTE: Truck crashes involve a truck tractor and semi-trailer, other truck combination, and / or commercially used van.

CRASHES INVOLVING TRUCKS
ALL CRASHES and FATAL CRASHES
by
TIME OF DAY

Time of Day	All Crashes		Fatal Crashes	
	2017	2018	2017	2018
8 am - Noon	575	646	4	6
Noon - 4 pm	652	644	3	2
4 pm - 8 pm	341	343	0	1
8 pm - Midnight	120	133	3	0
Midnight - 4 am	99	99	1	2
4 am - 8 am	238	252	2	1
Not Stated	0	0	0	0
TOTALS:	**2025**	**2117**	**13**	**12**

NOTE: Truck crashes involve a truck tractor and semi-trailer, other truck combination, and / or commercially used van.
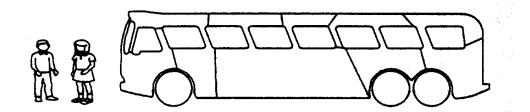
TRUCK DRIVERS INVOLVED IN CRASHES
by
AGE

Age	2015	2016	2017	2018
15 & Under	1	0	0	1
16 - 20	22	27	24	25
21 - 25	109	120	147	134
26 - 30	145	180	219	207
31 - 35	171	185	209	223
36 - 45	350	380	467	428
46 - 55	408	490	484	515
56 - 65	255	319	344	385
66 - 75	47	78	74	84
76 & Older	15	21	13	15
Unknown Age / Parked Vehicle	36	74	68	83
TOTALS:	**1559**	**1874**	**2049**	**2100**

NOTE: Truck crashes involve a truck tractor and semi-trailer, other truck combination, and / or commercially used van.

Shows number of drivers, not number of crashes.

School Bus Crashes

In 2018:

- There were 209 traffic crashes which involved a school bus.

- One of the school bus crashes was fatal.

- 16% (34) of the crashes were personal injury crashes.

- 83% (174) of the crashes were property damage only crashes.

- There were 67 persons injured in school bus crashes. Of those, 38 of the persons injured were occupants of the school bus.

- In the one fatal school bus involved crash, an occupant of the school bus was killed.

SCHOOL BUS CRASHES
by COUNTY
2015-2018

Year	County	All Crashes	Fatal Crashes	Pers. Inj. Crashes	Prop. Dam. Crashes
2015	New Castle Co.	138	2	29	107
	Kent Co.	22	0	6	16
	Sussex Co.	29	0	11	18
	Total	189	2	46	141
2016	New Castle Co.	136	0	32	104
	Kent Co.	25	0	5	20
	Sussex Co.	27	0	8	19
	Total	188	0	45	143
2017	New Castle Co.	146	1	26	119
	Kent Co.	34	0	13	21
	Sussex Co.	41	0	7	34
	Total	221	1	46	174
2018	New Castle Co.	154	0	24	130
	Kent Co.	25	0	7	18
	Sussex Co.	30	1	3	26
	Total	209	1	34	174

Pedestrian Crashes

In 2018:

- There were 339 traffic crashes which involved at least one pedestrian.

- 7% (25) of the crashes were fatal crashes.

- One of the fatal crashes did not result in a pedestrian's death. A vehicle occupant was killed in that crash.

- 64% (216) of the crashes were personal injury crashes.

- 29% (98) of the crashes involving a pedestrian were property damage only.

- Of the 24 pedestrians killed in 2017, 13 were under the influence of alcohol and / or drugs.

- The number of pedestrian crashes by county:

	Total Crashes	Fatal Crashes
New Castle County	242	13
Kent County	48	7
Sussex County	49	5

** Percentages may not add to 100% due to rounding.

PEDESTRIANS KILLED & INJURED
by AGE
2016 - 2018

Age of Pedestrian	2016		2017		2018	
	Killed	Injured	Killed	Injured	Killed	Injured
0 - 4	0	6	0	8	2	7
5 - 9	0	15	0	21	0	20
10 - 14	1	27	0	25	0	18
15 - 19	2	28	0	21	0	44
20 - 24	0	47	2	39	3	41
25 - 34	4	58	6	54	6	44
35 - 44	6	42	3	37	6	36
45 - 54	5	42	14	41	1	27
55 - 64	5	44	5	24	3	35
65 - 74	1	15	3	15	1	11
75 & Older	3	11	2	5	2	4
Not Stated	0	0	0	0	0	1
TOTALS:	**27**	**335**	**35**	**290**	**24**	**288**

* Includes all pedestrians injured regardless of classification of crash.

PEDESTRIANS KILLED & INJURED
by COUNTY
2018
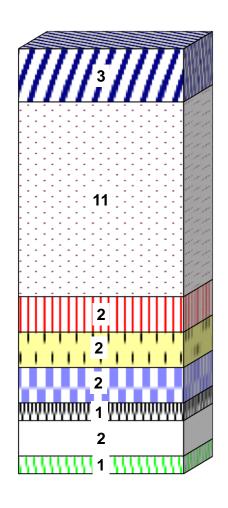
Age of Pedestrian	New Castle Co.		Kent Co.		Sussex Co.	
	Killed	Injured	Killed	Injured	Killed	Injured
0 - 4	1	6	0	0	1	1
5 - 9	0	16	0	1	0	3
10 - 14	0	13	0	3	0	2
15 - 19	0	27	0	14	0	3
20 - 24	1	34	1	2	1	5
25 - 34	4	37	1	4	1	3
35 - 44	5	27	1	3	0	6
45 - 54	0	21	1	4	0	2
55 - 64	1	29	2	1	0	5
65 - 74	0	9	1	0	0	2
75 & Older	0	3	0	0	2	1
Not Stated	0	0	0	1	0	0
TOTALS:	**12**	**222**	**7**	**33**	**5**	**33**

* Includes all pedestrians injured regardless of classification of crash.

Pedestrian Crashes
BAC Information of Pedestrians Killed

Of the 24 pedestrians
killed in 2018:

3 — Drugs Only

11 — No Drugs or Alcohol

BAC of .26 and Higher
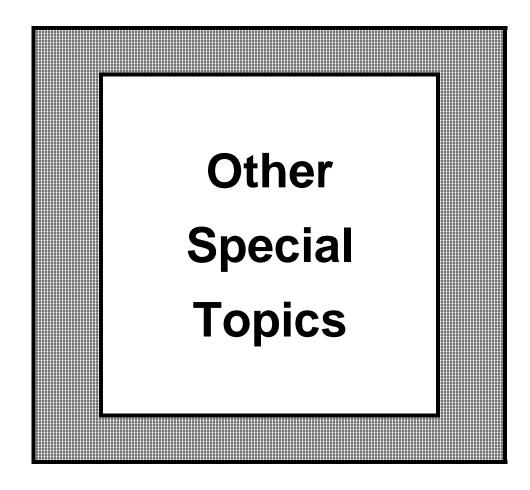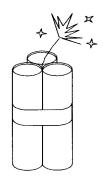
BAC of .21 - .25

2 — BAC of .16 - .20

2 — BAC of .11 - .15

2

1 — Had Been Drinking, BAC Unknown

2

1

> 54% of the pedestrians killed
> were under the influence
> of drugs &/or alcohol.

Other Special Topics

WATCH OUT!!!

Dangerous Times
To be on the Road
in Delaware

Most Dangerous Day:

Most Dangerous Time:

Saturday

56% of the Fatal Crashes
were ALCOHOL RELATED!

8 pm - Midnight

62% of the Fatal Crashes
were ALCOHOL RELATED!

Worst Day and Time to be on the Road:

**Weekends
later evening to
early morning hours
(7 pm to 4 am)**

63% of the Fatal Crashes
were ALCOHOL RELATED!

(Based on 2018 Data)

MAJOR HOLIDAY PERIODS
CRASH STATISTICS

2014-2018

	Actual Holiday	Number of Hours	All Crashes	Fatal Crashes	Personal Injury Crashes	Persons Killed	Persons Injured
NEW YEARS							
'14 - '15	Thursday**	48	88	1	19	1	34
'15 - '16	Friday	96	210	0	47	0	77
'16 - '17	Sunday	48	98	0	22	0	36
'17 - '18	Monday	96	268	0	50	0	73
'18 - '19	Tuesday**	48	135	0	12	0	29
MEMORIAL DAY							
2014	Monday	96	224	3	51	3	88
2015	Monday	96	249	0	66	0	106
2016	Monday	96	305	2	58	2	97
2017	Monday	96	288	0	49	0	73
2018	Monday	96	324	2	48	2	81
FOURTH OF JULY							
2014	Friday	72	172	3	43	4	63
2015	Saturday	72	154	1	37	1	83
2016	Monday	96	276	3	69	3	109
2017	Tuesday	120	427	3	71	3	106
2018	Wednesday**	48	149	1	29	1	38
LABOR DAY							
2014	Monday	96	248	1	66	1	112
2015	Monday	96	225	2	51	2	77
2016	Monday	96	244	3	47	3	75
2017	Monday	96	295	2	51	2	98
2018	Monday	96	295	0	40	0	62
THANKSGIVING							
2014	Thursday	120	315	0	47	0	59
2015	Thursday	120	319	2	55	2	92
2016	Thursday	120	309	1	67	1	98
2017	Thursday	120	367	1	62	1	90
2018	Thursday	120	383	1	74	1	123
CHRISTMAS							
2014	Thursday**	48	135	0	20	0	57
2015	Friday	96	276	1	52	1	71
2016	Sunday	96	231	1	28	1	44
2017	Monday	96	242	0	40	0	62
2018	Tuesday**	72	167	1	28	1	54

NOTE: The number of crashes and injuries is influenced by the length of the Holiday weekend.

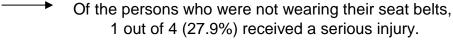** - This holiday period does not include the weekend.

SEAT BELT STUDY

Based on those persons who
were injured on Delaware Roads

Seat Belt Usage of Injured Persons*

County		% of Persons who used a Seat Belt		
		'16	'17	'18
New Castle	- - - - - - - -	86%	86%	87%
Kent County	- - - - - - - -	90%	88%	92%
Sussex County	- - - - - - - -	87%	89%	88%
Statewide	- - - - - - - -	87%	87%	88%

* Includes Fatalities

Severity of Injury in 2018

→ Of the persons who were not wearing their seat belts,
1 out of 4 (27.9%) received a serious injury.

→ Of the persons who were wearing their seat belts, only
1 out of 33 (3.1%) received a serious injury.

**In 2018, the occurrence of a serious injury was reduced
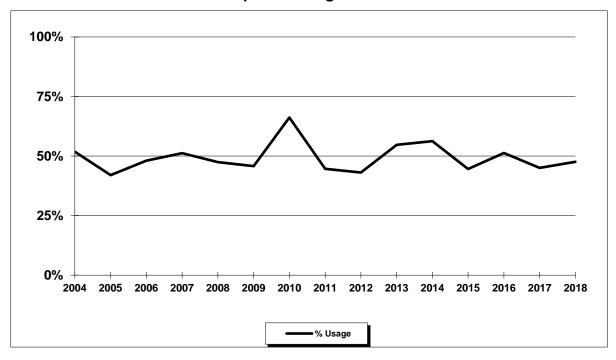by 26% when the person was wearing an occupant restraint.**

A Serious Injury: An injury that results in death; or one that causes lacerations,
broken or distorted limbs, skull, chest or abdominal injuries.

SEAT BELT USAGE
in Occupant Fatalities

2004 - 2018

Year	Total Occupants Killed	Number Wearing Seat Belts	% Usage
2004	110	57	**52%**
2005	100	42	**42%**
2006	104	50	**48%**
2007	84	43	**51%**
2008	78	37	**47%**
2009	83	38	**46%**
2010	68	45	**66%**
2011	65	29	**45%**
2012	65	28	**43%**
2013	53	29	**55%**
2014	80	45	**56%**
2015	74	33	**45%**
2016	76	39	**51%**
2017	71	32	**45%**
2018	63	30	**48%**

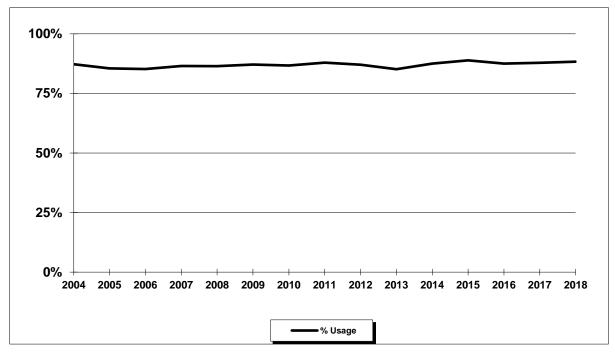## Percentage of Fatally Injured Occupants Using Seat Belts

Note: The primary seat belt law went into effect October 2003.

SEAT BELT USAGE
in Occupant Injuries
2004 - 2018

Year	Total Occupants Injured	Number Wearing Seat Belts	% Usage
2004	7786	6791	**87%**
2005	7817	6683	**85%**
2006	7449	6347	**85%**
2007	6779	5864	**87%**
2008	6450	5577	**86%**
2009	6525	5682	**87%**
2010	7127	6180	**87%**
2011	6856	6027	**88%**
2012	6888	5994	**87%**
2013	7065	6016	**85%**
2014	6754	5908	**87%**
2015	7339	6522	**89%**
2016	7800	6825	**88%**
2017	7657	6726	**88%**
2018	7555	6673	**88%**

**Percentage of Injured
Occupants Using Seat Belts**

Note: The primary seat belt law went into effect October 2003.

53

SEAT BELT USAGE
by County

Fatalities

	Year	Total Occupants Killed	Number Wearing Seat Belts	% Usage
New Castle County	2016	28	15	54%
	2017	36	15	42%
	2018	33	16	48%
Kent County	2016	19	8	42%
	2017	15	6	40%
	2018	12	8	67%
Sussex County	2016	29	16	55%
	2017	20	11	55%
	2018	18	6	33%

Injuries

	Year	Total Occupants Injured	Number Wearing Seat Belts	% Usage
New Castle County	2016	4645	4017	86%
	2017	4579	3975	87%
	2018	4445	3859	87%
Kent County	2016	1618	1461	90%
	2017	1495	1331	89%
	2018	1481	1369	92%
Sussex County	2016	1537	1347	88%
	2017	1583	1420	90%
	2018	1629	1445	89%

SEAT BELT USAGE
for Occupant Fatalities
by Age

Age of Occupant	**2017**				**2018**			
	Total Occupants Killed	Number Using Restraint	Number Not Using Restraint	Number Unknown Restraint	Total Occupants Killed	Number Using Restraint	Number Not Using Restraint	Number Unknown Restraint
0 - 4	1	1	0	0	0	0	0	0
5 - 9	1	1	0	0	2	1	0	1
10 - 14	0	0	0	0	2	0	2	0
15 - 19	3	1	1	1	6	2	4	0
20 - 24	7	3	3	1	5	2	3	0
25 - 34	8	1	6	1	10	5	5	0
35 - 44	13	3	8	2	4	0	4	0
45 - 54	11	4	7	0	9	4	5	0
55 - 64	12	7	4	1	9	5	4	0
65 - 74	7	5	2	0	7	3	4	0
75 & Older	8	6	2	0	9	8	1	0
Not Stated	0	0	0	0	0	0	0	0
TOTALS:	**71**	**32**	**33**	**6**	**63**	**30**	**32**	**1**

Unknown restraint use includes those vehicles not equipped with restraints.

SEAT BELT USAGE
for Occupant Injuries
by Age

| | **2017** | | | | **2018** | | | |
Age of Occupant	Total Occupants Injured	Number Using Restraint	Number Not Using Restraint	Number Unknown Restraint	Total Occupants Injured	Number Using Restraint	Number Not Using Restraint	Number Unknown Restraint
0 - 4	154	141	4	9	172	162	4	6
5 - 9	226	171	14	41	206	184	6	16
10 - 14	277	199	5	73	237	203	7	27
15 - 19	774	655	32	87	761	662	38	61
20 - 24	934	820	39	75	882	765	35	82
25 - 34	1512	1289	59	164	1564	1350	58	156
35 - 44	1027	923	30	74	1087	952	26	109
45 - 54	1055	956	15	84	957	847	30	80
55 - 64	886	820	11	55	852	775	13	64
65 - 74	528	490	9	29	502	471	4	27
75 & Older	281	262	4	15	330	301	5	24
Not Stated	3	0	0	3	5	1	0	4
TOTALS:	**7657**	**6726**	**222**	**709**	**7555**	**6673**	**226**	**656**

Unknown restraint use includes those vehicles not equipped with restraints.

Alcohol Involvement
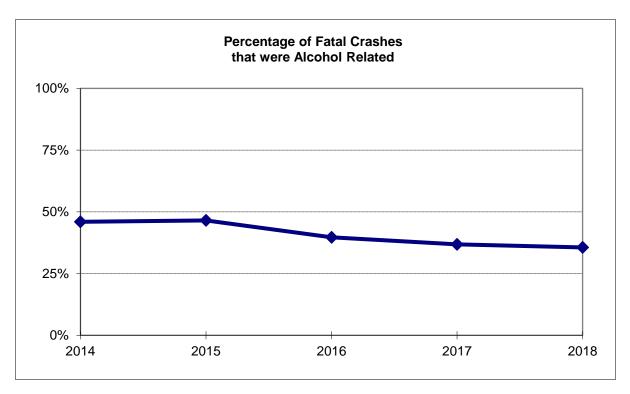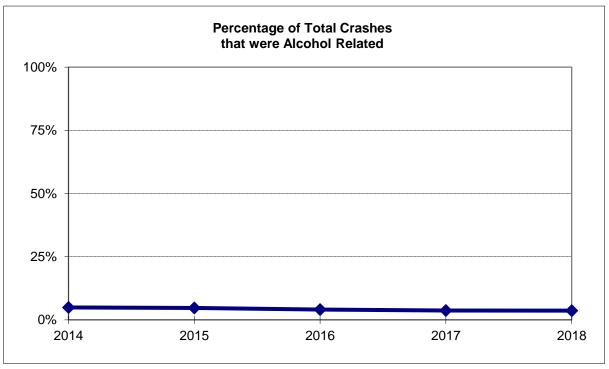
in

Traffic Crashes

Definition:
A crash is considered alcohol related if at least one driver or non-motorist involved in the crash has consumed alcohol -- regardless of the level of blood alcohol concentration.

ALCOHOL INVOLVEMENT
in
TRAFFIC CRASHES

		Total Crashes	Alcohol Related Crashes	% of Total
Fatals				
	2014	111	51	46%
	2015	129	60	47%
	2016	116	46	40%
	2017	114	42	37%
	2018	104	37	36%
Personal Injury				
	2014	4950	369	7%
	2015	5253	374	7%
	2016	5551	349	6%
	2017	5427	341	6%
	2018	5216	313	6%
Property Damage				
	2014	17906	710	6%
	2015	18684	699	6%
	2016	20791	689	5%
	2017	22539	660	5%
	2018	23543	706	3%
All Crashes				
	2014	22967	1130	5%
	2015	24066	1133	5%
	2016	26458	1084	4%
	2017	28080	1043	4%
	2018	28863	1056	4%

**Percentage of Fatal Crashes
that were Alcohol Related**

**Percentage of Total Crashes
that were Alcohol Related**
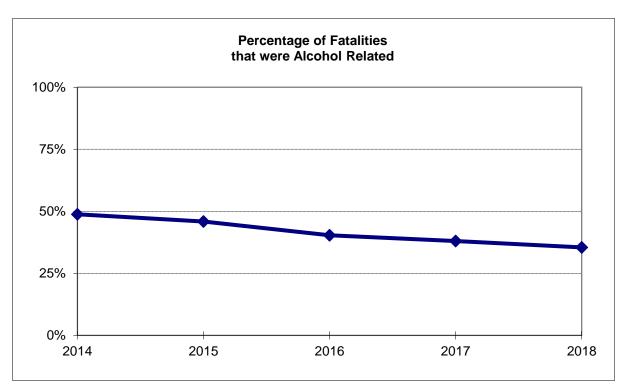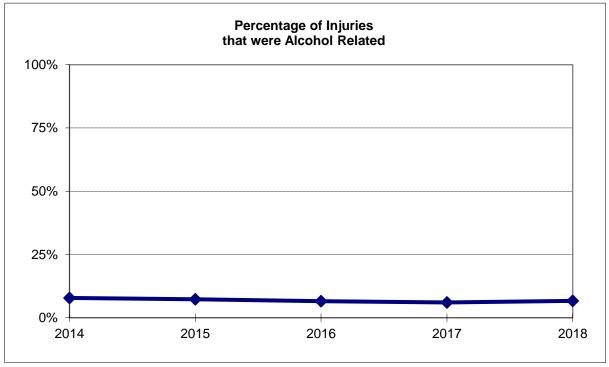
ALCOHOL INVOLVEMENT
in
TRAFFIC FATALITIES & INJURIES

	Total Fatalities	Alcohol Related Fatalities	% of Total
2014	125	61	49%
2015	133	61	46%
2016	119	48	40%
2017	121	46	38%
2018	110	39	35%

	Total Injuries	Alcohol Related Injuries	% of Total
2014	7537	591	8%
2015	8058	587	7%
2016	8527	560	7%
2017	8332	505	6%
2018	8161	544	7%

Percentage of Fatalities that were Alcohol Related

Percentage of Injuries that were Alcohol Related

TRAFFIC CRASH FATALITIES
by
AGE and GENDER
2018

Age	Male	Female	Total
0 - 4	1	0	1
5 - 9	0	2	2
10 - 14	0	2	2
15	0	0	0
16	1	0	1
17	0	1	1
18	0	2	2
19	3	1	4
20	0	1	1
21	2	1	3
22 - 24	5	2	7
25 - 29	9	1	10
30 - 34	8	5	13
35 - 44	11	3	14
45 - 54	9	3	12
55 - 64	11	4	15
65 - 74	4	5	9
75 & Older	9	4	13
Unknown Age	0	0	0
TOTALS:	**73**	**37**	**110**

ALCOHOL RELATED
TRAFFIC CRASH FATALITIES
by
AGE and GENDER
2018

Age	Male	Female	Total
0 - 4	0	0	0
5 - 9	0	0	0
10 - 14	0	0	0
15	0	0	0
16	0	0	0
17	0	0	0
18	0	1	1
19	0	0	0
20	0	0	0
21	0	0	0
22 - 24	2	0	2
25 - 29	5	1	6
30 - 34	5	2	7
35 - 44	10	2	12
45 - 54	5	1	6
55 - 64	5	0	5
65 - 74	0	0	0
75 & Older	0	0	0
Unknown Age	0	0	0
TOTALS:	**32**	**7**	**39**

TRAFFIC CRASH INJURIES
by
AGE and GENDER
2018

Age	Male	Female	Unk. Gender	Total
0 - 4	94	86	0	180
5 - 9	123	110	0	233
10 - 14	115	147	0	262
15	25	48	0	73
16	40	70	0	110
17	75	129	0	204
18	104	119	0	223
19	80	140	0	220
20	91	111	0	202
21	82	118	0	200
22 - 24	257	320	0	577
25 - 29	405	498	0	903
30 - 34	347	432	0	779
35 - 44	501	659	0	1160
45 - 54	445	589	0	1034
55 - 64	402	521	0	923
65 - 74	245	292	0	537
75 & Older	138	197	0	335
Unknown Age	2	2	2	6
TOTALS:	**3571**	**4588**	**2**	**8161**

ALCOHOL RELATED
TRAFFIC CRASH INJURIES
by
AGE and GENDER
2018

Age	Male	Female	Unk. Sex	Total
0 - 4	4	1	0	5
5 - 9	5	4	0	9
10 - 14	0	9	0	9
15	0	3	0	3
16	3	3	0	6
17	2	4	0	6
18	5	2	0	7
19	7	5	0	12
20	13	7	0	20
21	10	5	0	15
22 - 24	29	16	0	45
25 - 29	45	31	0	76
30 - 34	52	29	0	81
35 - 44	53	38	0	91
45 - 54	43	18	0	61
55 - 64	41	27	0	68
65 - 74	18	9	0	27
75 & Older	2	1	0	3
Unknown Age	0	0	0	0
TOTALS:	**332**	**212**	**0**	**544**

DRIVERS KILLED*
by
AGE and GENDER
2018

Age	Male	Female	Total
15 & Under	0	0	0
16	0	0	0
17	0	0	0
18	0	2	2
19	2	1	3
20	0	0	0
21	2	0	2
22 - 24	3	2	5
25 - 29	6	0	6
30 - 34	4	3	7
35 - 44	4	1	5
45 - 54	8	1	9
55 - 64	8	2	10
65 - 74	3	3	6
75 & Older	5	2	7
Unknown Age	0	0	0
TOTALS:	**45**	**17**	**62**

*NOTE: Drivers include motorcycle and ATV operators.

DRIVERS UNDER THE INFLUENCE KILLED
by
AGE and GENDER
2018
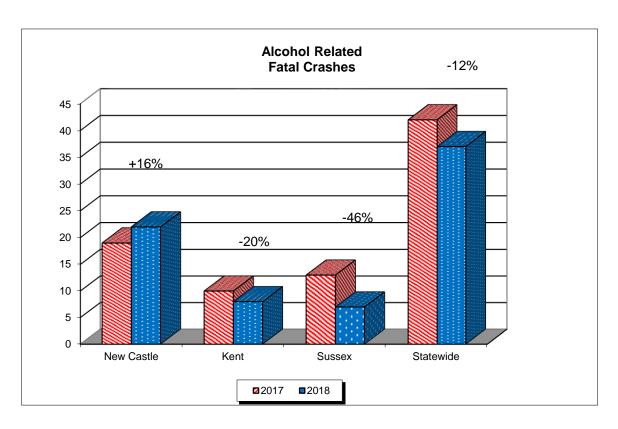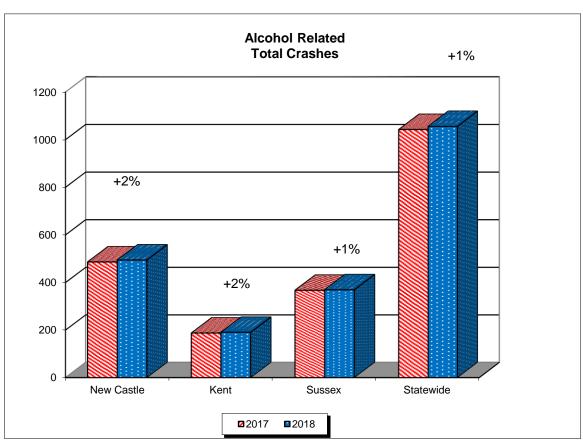
Age	Male	Female	Total
15 & Under	0	0	0
16	0	0	0
17	0	0	0
18	0	1	1
19	0	0	0
20	0	0	0
21	0	0	0
22 - 24	2	0	2
25 - 29	3	0	3
30 - 34	3	3	6
35 - 44	4	0	4
45 - 54	4	0	4
55 - 64	3	0	3
65 - 74	1	0	1
75 & Older	0	0	0
Unknown Age	0	0	0
TOTALS:	**20**	**4**	**24**

*NOTE: Drivers include motorcycle and ATV operators.
Includes drivers under the influence of alcohol and / or drugs.

ALCOHOL RELATED
CRASH COMPARISON
by County

	2017	2018	% CHANGE
NEW CASTLE COUNTY			
Fatal Crashes	19	22	16%
Personal Injury Crashes	159	152	-4%
Property Damage Crashes	309	321	4%
Total Crashes	487	495	2%
Fatalities	21	24	14%
Injuries	254	275	8%
KENT COUNTY			
Fatal Crashes	10	8	-20%
Personal Injury Crashes	69	67	-3%
Property Damage Crashes	109	116	6%
Total Crashes	188	191	2%
Fatalities	12	8	-33%
Injuries	95	102	7%
SUSSEX COUNTY			
Fatal Crashes	13	7	-46%
Personal Injury Crashes	113	94	-17%
Property Damage Crashes	242	269	11%
Total Crashes	368	370	1%
Fatalities	13	7	-46%
Injuries	156	167	7%
STATEWIDE			
Fatal Crashes	42	37	-12%
Personal Injury Crashes	341	313	-8%
Property Damage Crashes	660	706	7%
Total Crashes	1043	1056	1%
Fatalities	46	39	-15%
Injuries	505	544	8%
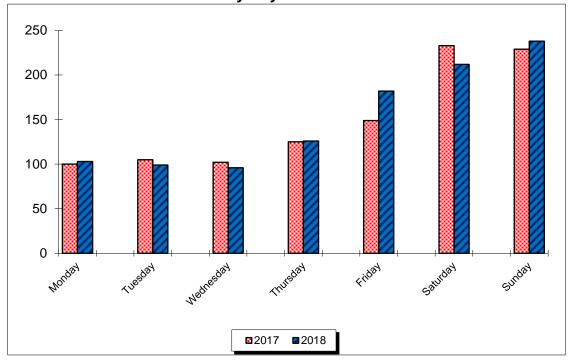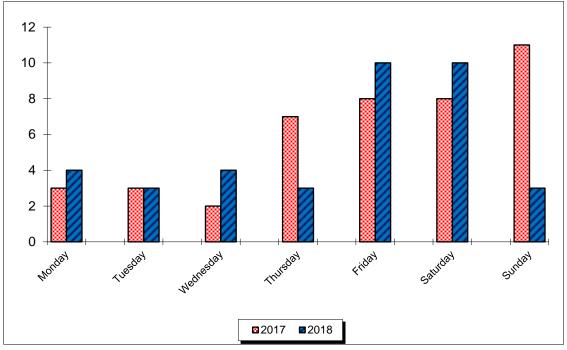
Alcohol Related
Fatal Crashes

-12%

+16%

-20%

-46%

45
40
35
30
25
20
15
10
5
0

New Castle   Kent   Sussex   Statewide

2017   2018

Alcohol Related
Total Crashes

+1%

+2%

+2%

+1%

1200
1000
800
600
400
200
0

New Castle   Kent   Sussex   Statewide

2017   2018

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ALCOHOL RELATED
ALL CRASHES and FATAL CRASHES
by
DAY OF WEEK

Day of Week	All Crashes		Fatal Crashes	
	2017	2018	2017	2018
Monday	100	103	3	4
Tuesday	105	99	3	3
Wednesday	102	96	2	4
Thursday	125	126	7	3
Friday	149	182	8	10
Saturday	233	212	8	10
Sunday	229	238	11	3
TOTALS:	**1043**	**1056**	**42**	**37**

ALCOHOL RELATED
All Crashes
by Day of Week
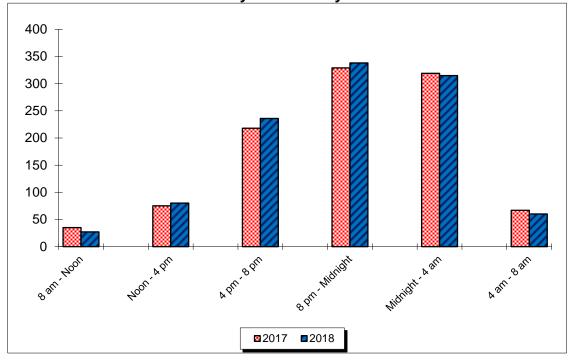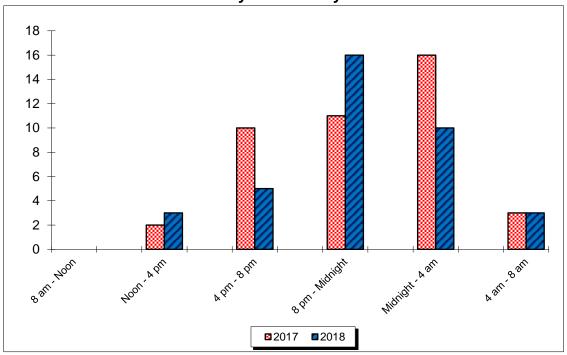
Legend: 2017, 2018

ALCOHOL RELATED
Fatal Crashes
by Day of Week

Legend: 2017, 2018

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ALCOHOL RELATED
ALL CRASHES and FATAL CRASHES
by
TIME OF DAY

Time of Day	All Crashes		Fatal Crashes	
	2017	2018	2017	2018
8 am - Noon	35	27	0	0
Noon - 4 pm	75	80	2	3
4 pm - 8 pm	218	236	10	5
8 pm - Midnight	329	338	11	16
Midnight - 4 am	319	315	16	10
4 am - 8 am	67	60	3	3
Not Stated	0	0	0	0
TOTALS:	**1043**	**1056**	**42**	**37**

All Crashes
by Time of Day
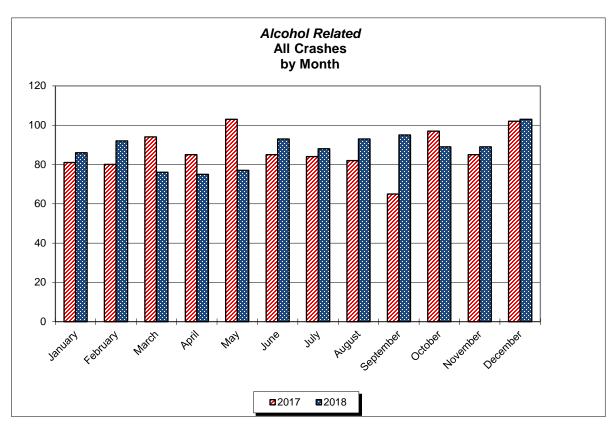
Fatal Crashes
by Time of Day

ALCOHOL RELATED
CRASHES BY MONTH
All Crashes and Fatal Crashes
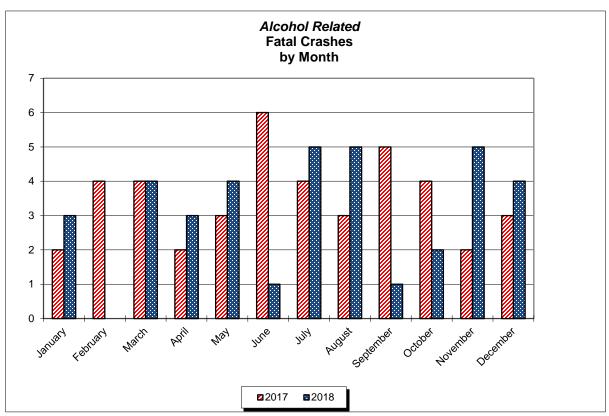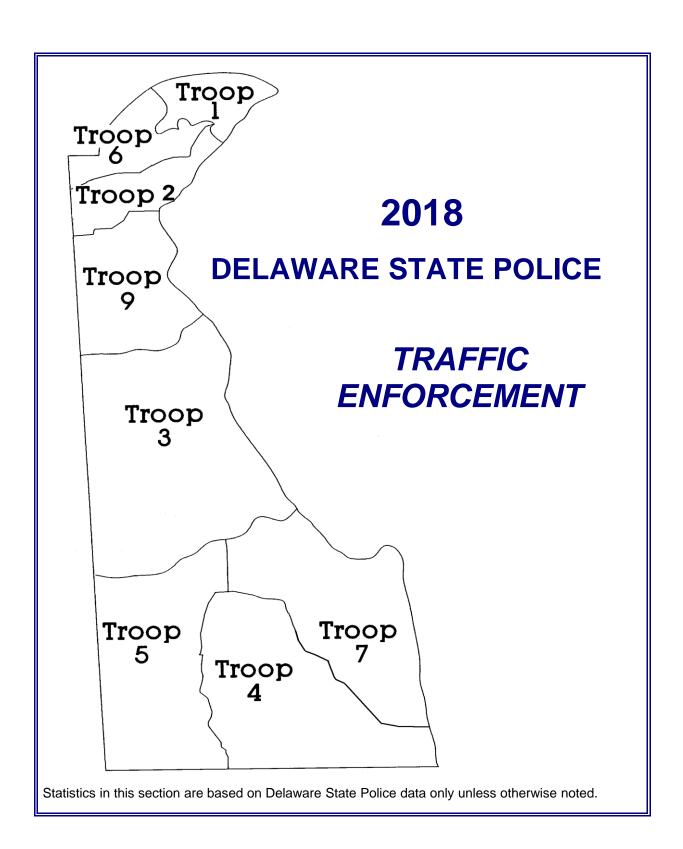
	All Crashes		Fatal Crashes	
Month	2017	2018	2017	2018
January	81	86	2	3
February	80	92	4	0
March	94	76	4	4
April	85	75	2	3
May	103	77	3	4
June	85	93	6	1
July	84	88	4	5
August	82	93	3	5
September	65	95	5	1
October	97	89	4	2
November	85	89	2	5
December	102	103	3	4
TOTALS:	1043	1056	42	37

Alcohol Related
All Crashes
by Month

	2017	2018
January	81	86
February	80	92
March	94	76
April	85	75
May	103	77
June	85	93
July	84	88
August	82	93
September	65	95
October	97	89
November	85	89
December	102	103

Alcohol Related
Fatal Crashes
by Month

	2017	2018
January	2	3
February	4	
March	4	4
April	2	3
May	3	4
June	6	1
July	4	5
August	3	5
September	5	1
October	4	2
November	2	5
December	3	4

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2018

DELAWARE STATE POLICE

TRAFFIC ENFORCEMENT

Statistics in this section are based on Delaware State Police data only unless otherwise noted.

CRASH INVESTIGATION
by
DELAWARE STATE POLICE

All Crashes	2014	2015	2016	2017	2018	% Change Over 2017
Total Crashes	15,127	15,961	17,457	18,242	18,896	4%
Fatal	96	109	103	91	88	-3%
Personal Injury	2,992	3,142	3,292	3,227	3,158	-2%
Property Damage	12,039	12,710	14,062	14,924	15,650	5%
Fatalities	109	113	104	96	94	-2%
Injuries	4,655	4,851	5,098	4,915	4,912	0%

Alcohol Related	2014	2015	2016	2017	2018	% Change Over 2017
Total Crashes	803	848	787	735	736	0%
Fatal	43	50	42	32	32	0%
Personal Injury	265	283	250	256	216	-16%
Property Damage	495	515	495	447	488	9%
Fatalities	52	51	43	35	34	-3%
Injuries	415	426	396	356	367	3%

Insurance Requests	2014	2015	2016	2017	2018	% Change Over 2017
Requests Processed	14,314	14,492	16,360	16,560	17,040	3%

Delaware State Police
Crash Investigation
by Troop & by County

Troop	All Crashes		Fatal Crashes		Personal Injury Crashes		Property Damage Crashes	
	'17	'18	'17	'18	'17	'18	'17	'18
1	2551	2809	12	17	456	441	2083	2351
2	3509	3421	11	14	608	619	2890	2788
3	1807	1824	17	11	358	365	1432	1448
4	1429	1661	11	10	251	280	1167	1371
5	1389	1471	13	10	263	290	1113	1171
6	4201	4179	12	10	608	573	3581	3596
7	1827	1830	10	8	370	246	1447	1576
9	1529	1701	5	8	313	344	1211	1349
Totals:	**18242**	**18896**	**91**	**88**	**3227**	**3158**	**14924**	**15650**

County	All Crashes		Fatal Crashes		Personal Injury Crashes		Property Damage Crashes	
	'17	'18	'17	'18	'17	'18	'17	'18
New Castle	11265	11537	39	45	1873	1851	9353	9641
Kent	2332	2397	18	15	470	491	1844	1891
Sussex	4645	4962	34	28	884	816	3727	4118
Totals:	**18242**	**18896**	**91**	**88**	**3227**	**3158**	**14924**	**15650**

Delaware State Police
Alcohol Related Crash Investigation
by Troop & by County

Troop	All Crashes		Fatal Crashes		Personal Injury Crashes		Property Damage Crashes	
	'17	'18	'17	'18	'17	'18	'17	'18
1	85	84	3	5	25	24	57	55
2	89	100	5	10	27	29	57	61
3	96	94	7	2	40	29	49	63
4	97	110	3	1	30	30	64	79
5	71	82	4	3	21	20	46	59
6	125	110	4	6	46	37	75	67
7	122	98	5	2	47	26	70	70
9	50	58	1	3	20	21	29	34
Totals:	**735**	**736**	**32**	**32**	**256**	**216**	**447**	**488**

County	All Crashes		Fatal Crashes		Personal Injury Crashes		Property Damage Crashes	
	'17	'18	'17	'18	'17	'18	'17	'18
New Castle	320	324	13	22	106	101	201	201
Kent	125	122	7	4	52	39	66	79
Sussex	290	290	12	6	98	76	180	208
Totals:	**735**	**736**	**32**	**32**	**256**	**216**	**447**	**488**

TRAFFIC ENFORCEMENT
by
DELAWARE STATE POLICE

Traffic Arrests	2014	2015	2016	2017	2018	% Change 2017
Total Arrests	128,692	132,295	126,913	118,394	112,999	-5%
DUI Arrests	2,601	2,785	2,676	2,401	2,456	2%
Speed Arrests	42,714	47,573	44,261	40,200	35,698	-11%
55 MPH Speed Arrests	17,791	20,366	17,235	14,757	12,342	-16%
65 MPH Speed Arrests	4,715	7,535	8,654	7,726	7,397	-4%
D.M.V. Arrests*	75,102	81,960	79,956	72,797	67,522	-7%
Aggressive Driving Related Arrests**	57,318	62,808	60,168	55,396	50,557	-9%
Primary Seatbelt Arrests	3,283	2,593	2,306	2,310	2,453	6%
License & Registration Arrests	42,600	39,996	36,803	35,725	35,129	-2%

* D. M.V. = Dangerous Moving Violations include speeding arrests and DUI arrests as well as other moving violations.

** Aggressive Driving Related Arrests include the following Sections of Delaware Law, Title 21: 4107a; 4117, 4120b; 4122-1; 4123; 4132; 4133; 4155; 4164; 4168; 4169; 4175a; and 4175A.

TRUCK ENFORCEMENT
by
DELAWARE STATE POLICE

	2014	2015	2016	2017	2018*	% Change 2017
# Commercial Licensed Drivers	29,821	30,207	30,124	30,312	30,532	1%
# of Registered Large Commercial Vehicles**	7,846	8,125	8,061	8,328	9,622	16%
# Weighed (fixed & portable scales)	43,323	31,859	32,320	36,557	9,748	-73%
Weight Arrests	654	910	988	1,045	942	-10%
Motor Fuel Tax Arrests	50	19	35	20	25	25%
DUI Arrests of Truck Drivers	32	27	21	14	25	79%
Equipment Arrests	99	90	105	78	96	23%
Federal Safety Regulations						
Equipment (393)	205	282	268	184	153	-17%
Log Book (395)	111	156	150	88	75	-15%
General Maintenance (396)	36	34	25	14	12	-14%
Total Truck Arrests	4,314	5,122	5,087	3,829	3,737	-2%
Weight Fines Assessed ($ Rounded)**	182,175	192,707	143,588	83,886	66,615	-21%

* Rt 301 Scalehouse was closed due to construction.
** Above 26,000 lbs.

Blood Alcohol Content Data
Drivers Arrested for DUI

	2016	2017	2018
# of DUI Arrests	2676	2401	2456
Arrests with No BAC applicable**	383	613	456
# of BAC's Obtained	2107	1672	1851
# of BAC's Not Obtained	22	9	19
Implied Consent	164	107	130

** Arrests for drugs only and arrests for consuming alcohol while driving
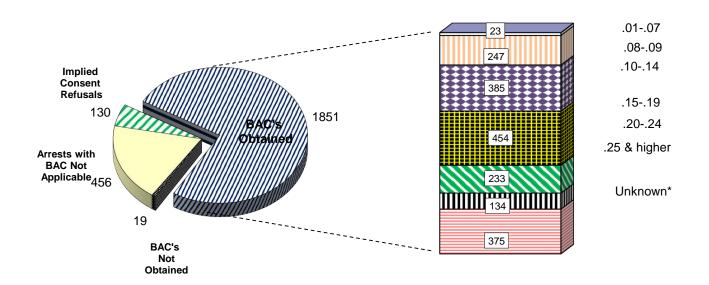
Drivers Arrested for DUI
by Age and Sex

	Males	Females	Unknown	Total
15 & Under	0	0	0	0
16	5	0	0	5
17	10	5	0	15
18	33	3	0	36
19	24	8	0	32
20	32	11	0	43
21 - 24	221	66	0	287
25 - 34	595	201	0	796
35 - 44	420	135	0	555
45 - 54	301	78	0	379
55 - 64	170	65	0	235
65 & Older	53	20	0	73
Unknown	0	0	0	0
Totals:	**1864**	**592**	**0**	**2456**

Based on 2018 data for Delaware State Police only.

Blood Alcohol Content Data
Drivers Arrested for DUI
2018

Implied
Consent
Refusals
130

Arrests with
BAC Not
Applicable 456

BAC's
Obtained
1851

19

BAC's
Not
Obtained

.01-.07
.08-.09
.10-.14

.15-.19
.20-.24
.25 & higher

Unknown*

23
247
385
454
233
134
375
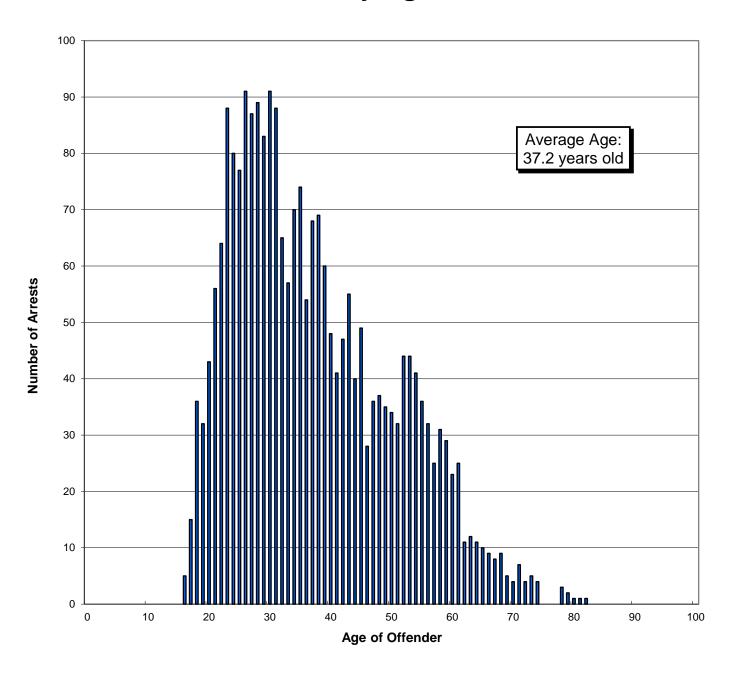
Total DUI Arrests:
2456

Breakdown of the

BAC's Obtained

* Samples taken but BAC results not reported.

Based on 2018 data for Delaware State Police only.

Persons Arrested for DUI
by Age
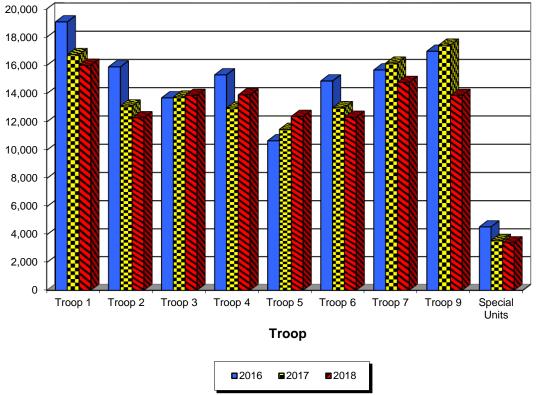
Based on Year 2018 DSP arrests for which the age was known.

All Traffic Arrests
by Troops
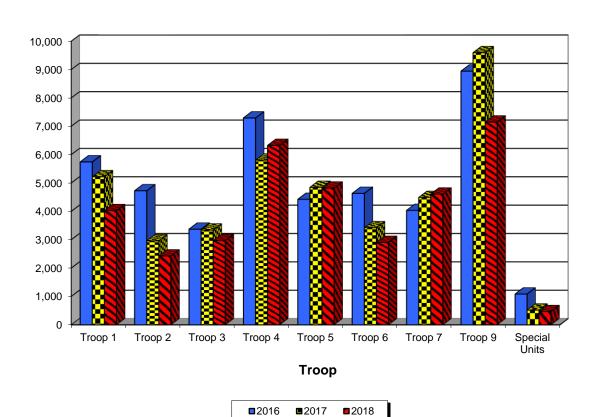
Troop	2016	2017	2018
Troop 1	19,092	16,774	16,023
Troop 2	15,905	13,136	12,304
Troop 3	13,713	13,769	13,889
Troop 4	15,340	12,990	13,922
Troop 5	10,676	11,485	12,398
Troop 6	14,908	13,021	12,340
Troop 7	15,688	16,169	14,805
Troop 9	17,015	17,445	13,889
Special Units	4,576	3,605	3,429
Totals:	**126,913**	**118,394**	**112,999**

Speed Arrests
by Troops
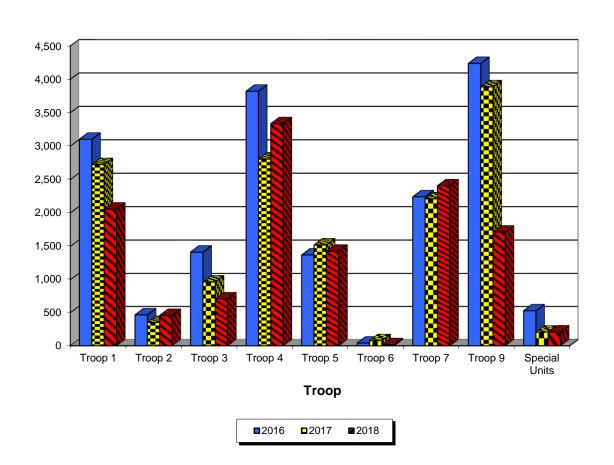
Troop	2016	2017	2018
Troop 1	5,745	5,221	4,025
Troop 2	4,727	2,959	2,428
Troop 3	3,372	3,341	2,970
Troop 4	7,293	5,807	6,326
Troop 5	4,425	4,845	4,820
Troop 6	4,634	3,423	2,905
Troop 7	4,035	4,490	4,609
Troop 9	8,945	9,595	7,149
Special Units	1,085	519	466
Totals:	**44,261**	**40,200**	**35,698**

55 MPH Speed Arrests
by Troops
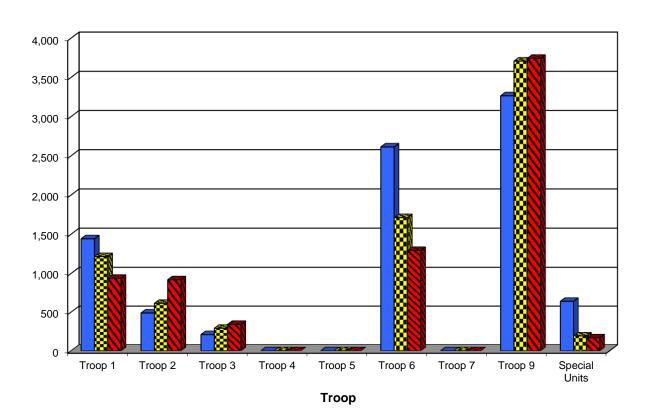
Troop	2016	2017	2018
Troop 1	3,104	2,725	2,059
Troop 2	468	353	460
Troop 3	1,415	966	711
Troop 4	3,822	2,807	3,336
Troop 5	1,373	1,522	1,428
Troop 6	41	77	17
Troop 7	2,243	2,213	2,407
Troop 9	4,238	3,888	1,714
Special Units	531	206	210
Totals:	**17,235**	**14,757**	**12,342**

65 MPH Speed Arrests
by Troops

Troop	2016	2017	2018
Troop 1	1,441	1,214	937
Troop 2	488	612	918
Troop 3	209	290	341
Troop 4	0	0	0
Troop 5	0	0	0
Troop 6	2,612	1,711	1,292
Troop 7	0	0	0
Troop 9	3,265	3,707	3,742
Special Units	639	192	167
Totals:	**8,654**	**7,726**	**7,397**
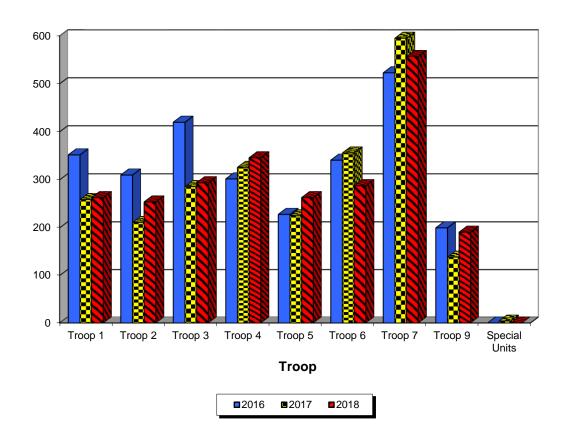
DUI Arrests
by Troops

Troop	2016	2017	2018
Troop 1	352	259	263
Troop 2	310	211	254
Troop 3	420	286	294
Troop 4	302	326	346
Troop 5	228	225	263
Troop 6	341	356	288
Troop 7	523	595	557
Troop 9	200	139	191
Special Units	0	4	0
Totals:	**2,676**	**2,401**	**2,456**
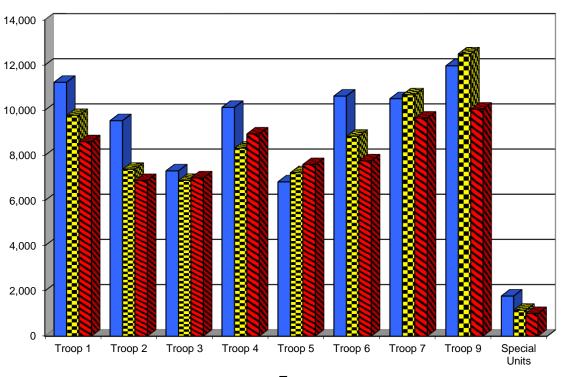
Dangerous Moving Violation Arrests
by Troops

Troop	2016	2017	2018
Troop 1	11,241	9,772	8,609
Troop 2	9,541	7,388	6,889
Troop 3	7,318	6,896	7,006
Troop 4	10,131	8,323	8,952
Troop 5	6,831	7,236	7,597
Troop 6	10,631	8,848	7,761
Troop 7	10,515	10,685	9,654
Troop 9	11,971	12,501	10,051
Special Units	1,777	1,148	1,003
Totals:	**79,956**	**72,797**	**67,522**
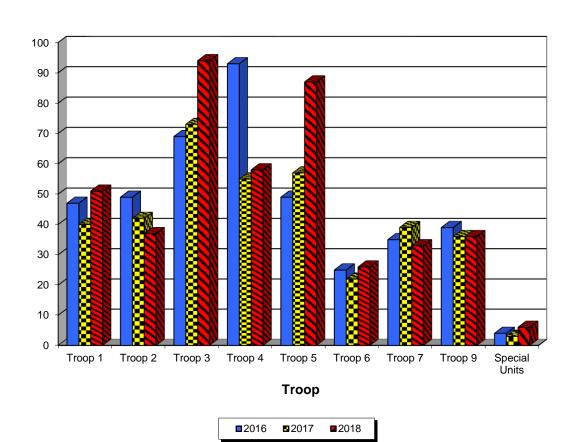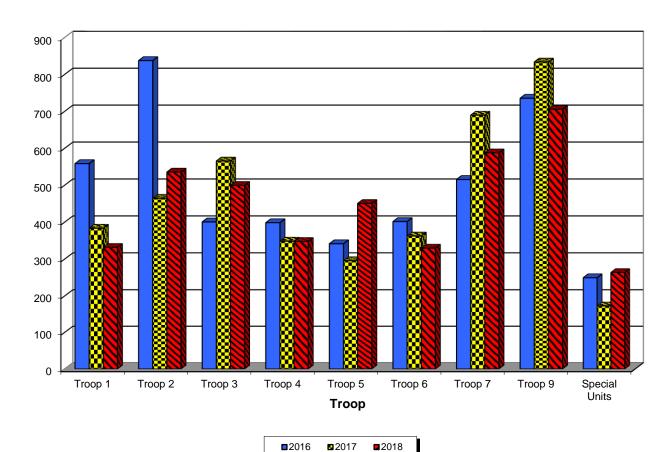
Child Restraint Arrests
by Troops

Troop	2016	2017	2018
Troop 1	47	40	51
Troop 2	49	42	37
Troop 3	69	73	94
Troop 4	93	55	58
Troop 5	49	57	87
Troop 6	25	22	26
Troop 7	35	39	33
Troop 9	39	36	36
Special Units	4	3	6
Totals:	**410**	**367**	**428**

Seat Belt Assessments*
by Troops
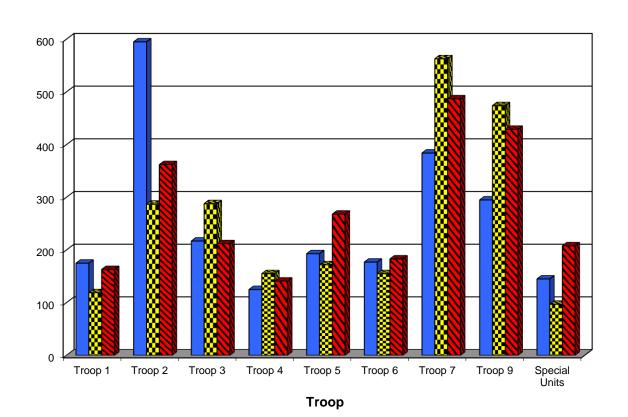
Troop	2016	2017	2018
Troop 1	559	384	332
Troop 2	838	465	536
Troop 3	401	566	500
Troop 4	399	349	348
Troop 5	342	296	451
Troop 6	402	363	330
Troop 7	516	690	588
Troop 9	736	834	706
Special Units	250	173	264
Totals:	**4,443**	**4,120**	**4,055**

* Secondary Violation

Primary Seatbelt Arrests*
by Troops

Troop	2016	2017	2018
Troop 1	175	119	163
Troop 2	595	287	362
Troop 3	217	288	212
Troop 4	125	155	141
Troop 5	193	172	268
Troop 6	177	155	183
Troop 7	384	563	487
Troop 9	295	474	429
Special Units	145	97	208
Totals:	**2,306**	**2,310**	**2,453**

* Initiated October 2003.

Aggressive Driving Related Arrests
by Troops
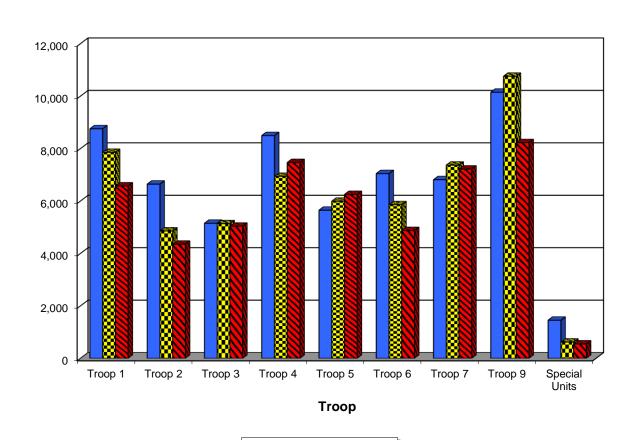
Troop	2016	2017	2018
Troop 1	8,756	7,856	6,576
Troop 2	6,645	4,859	4,353
Troop 3	5,152	5,137	5,040
Troop 4	8,497	6,941	7,468
Troop 5	5,650	5,992	6,250
Troop 6	7,048	5,860	4,875
Troop 7	6,815	7,369	7,219
Troop 9	10,151	10,760	8,227
Special Units	1,454	622	549
Totals:	**60,168**	**55,396**	**50,557**

Aggressive Driving Related Arrests include the following Sections of Delaware Law, Title 21: 4107a; 4117; 4120b; 4122-1; 4123; 4132; 4133; 4155; 4164; 4168; 4169; 4175a; and 4175A.
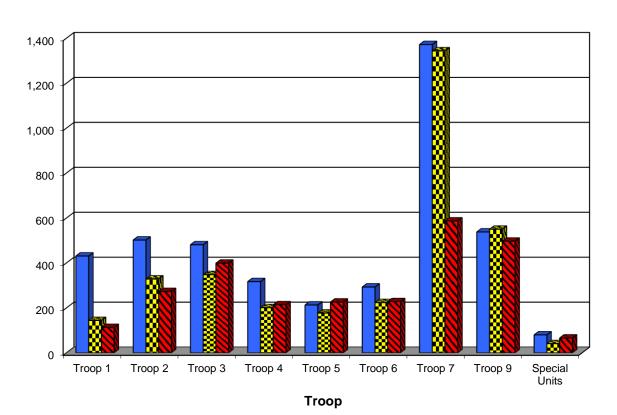
Cell Phone Arrests
by Troops

Troop	2016	2017	2018
Troop 1	431	144	113
Troop 2	502	329	273
Troop 3	481	348	399
Troop 4	317	201	214
Troop 5	213	177	226
Troop 6	293	224	228
Troop 7	1,372	1,344	587
Troop 9	538	550	497
Special Units	80	41	66
Totals:	**4,227**	**3,358**	**2,603**

* Initiated January 2011.

95
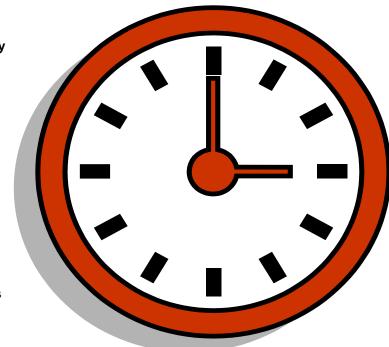
Delaware
Crash - Crime Clock

One Fatality every
3 days

One Traffic Injury
every hour

One Property
Damage Crash
every 16 minutes

One Crash*
every 14 minutes

One Murder every
7 and 1/2 days

One Violent Crime
every hour &
47 minutes

One Property
Crime every
22 minutes

One Crime **
every 9 minutes

Delaware Crash - Crime Clock

The Delaware Crash - Crime Clock compares 2018 crash data to crime data from 2018 --
crime data entered as of 09/13/19. For purposes of this clock, the definition of a violent crime
is a crime that involves homicide, human trafficking, kidnap and abduction, forcible sex offense, robbery, or
aggravated assault and a property crime is a crime that involves burglary, larceny, motor vehicle theft, or
arson.

* Total crashes include non-reportable crashes, i.e. non-injury crashes with property damage estimates
  less than the property damage threshold, crashes occurring on private property, etc.
** Total crimes include Group A crime complaints only from National Incident Based Reporting System
  (NIBRS) Report.