

2014

2014 Maine Highway Safety Facts

Maine Department of Transportation

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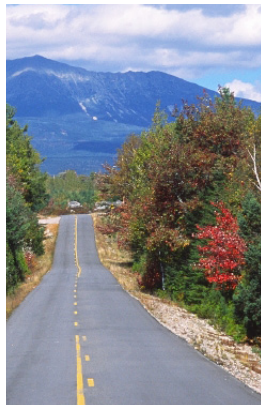
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2014 Maine Highway Safety Facts



MaineDOT



2014 Maine Highway Safety Facts

The Bureau of Highway Safety and the Maine Department of Transportation are pleased to present the 2014 edition of Maine Highway Safety Facts. It provides a view of traffic crashes and their factors in Maine and can be a valuable tool in problem identification, safety education and community activities. Since it is intended to provide a general information overview, the data is presented in a very basic format. Trend lines reflect 5 year annual averages. Topics covered represent the most frequently requested information. Data sources are from Maine Fatal Analysis Reporting System (FARS) and MaineDOT crash data system. Any comments or questions you may have about the information are welcome.

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MaineDOT



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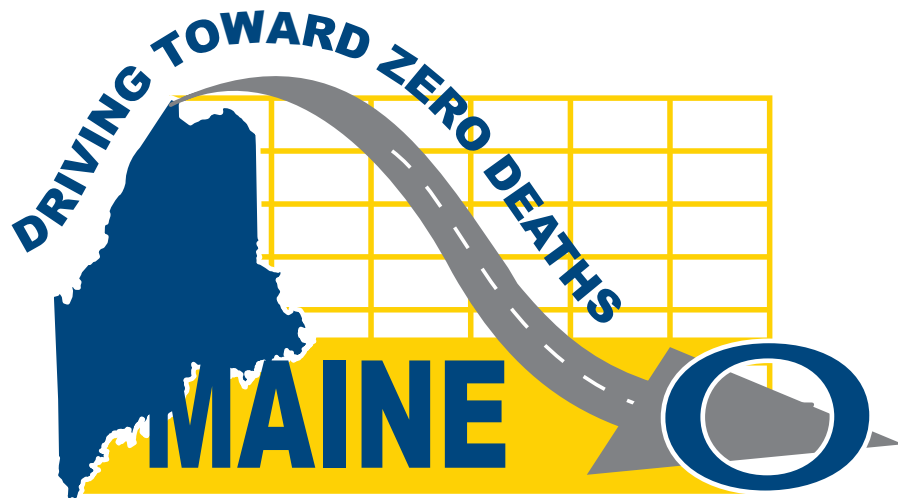
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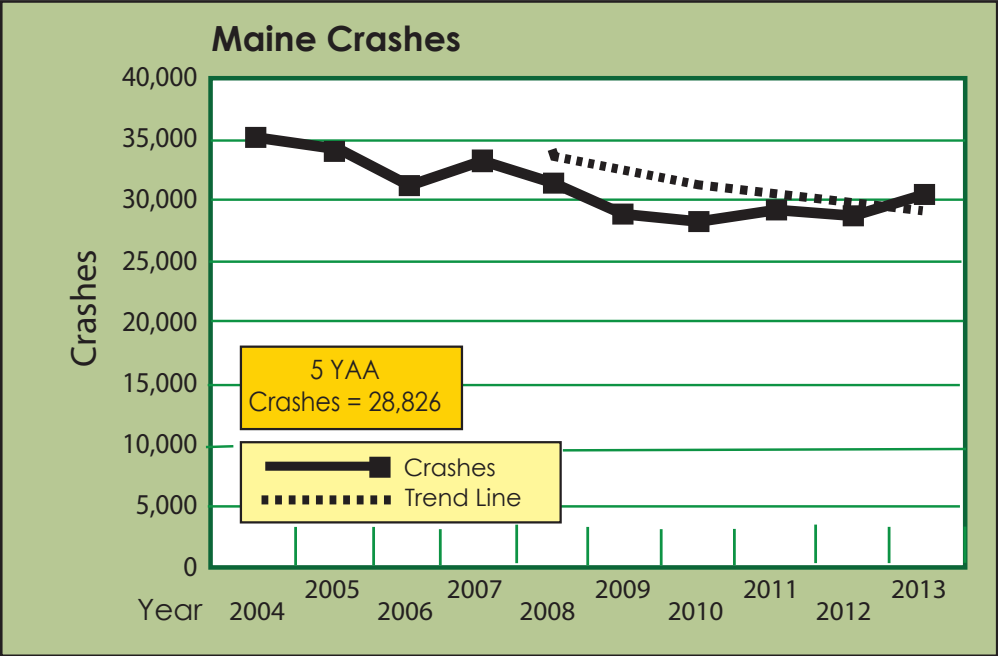
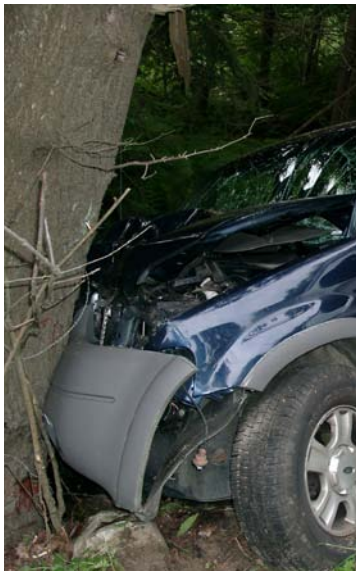
Maine Quick Crash Facts

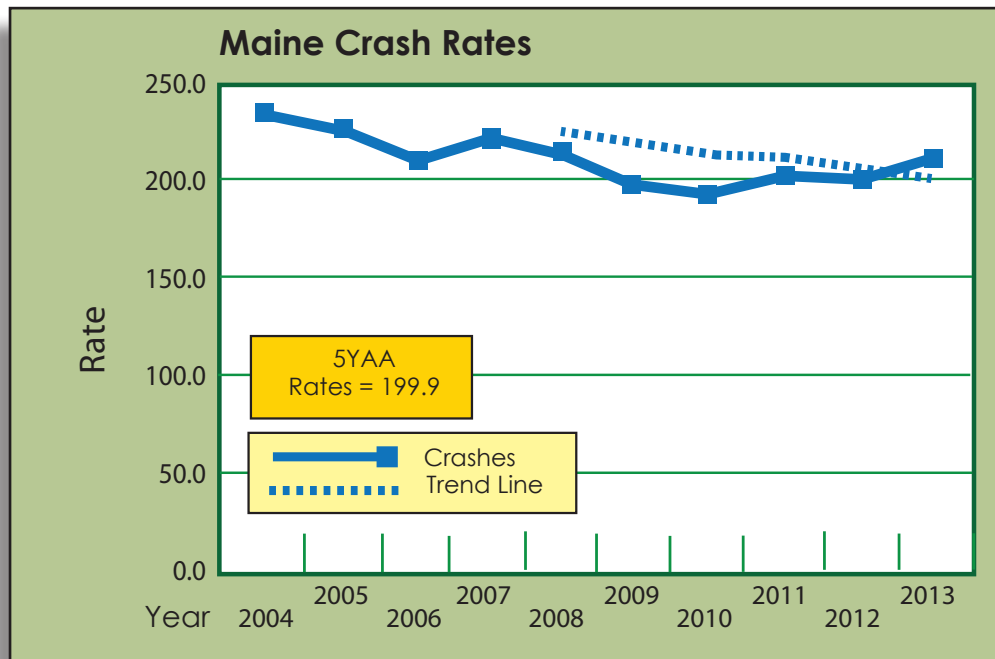


- Motor vehicle crashes occurred with the following average frequency (based on average annual experience from 2009-2013):
 - One fatal crash every 58 hours
 - One personal injury crash every 64 minutes
 - One property damage only crash every 25 minutes
 - One reportable traffic crash every 18 minutes
- There were over 14 billion vehicle miles travelled within the state of Maine.
- There were 28,896 traffic crashes on Maine public roads:
 - 44,426 vehicles
 - 62,130 vehicle occupants (drivers and passengers)
 - 287 pedestrians
 - 206 bicycles
 - 28 ATV's
 - 11 snowmobiles
- There were 150 people killed in traffic crashes - 37 the result of drinking and driving.
- There were 138 fatal crashes and 8,111 injury crashes.
- Thirty percent of all crashes happened between 2 pm and 6 pm.
- These collisions involved 40,937 Maine drivers and 3,489 out of state drivers.



Total reportable crashes on Maine public roads.

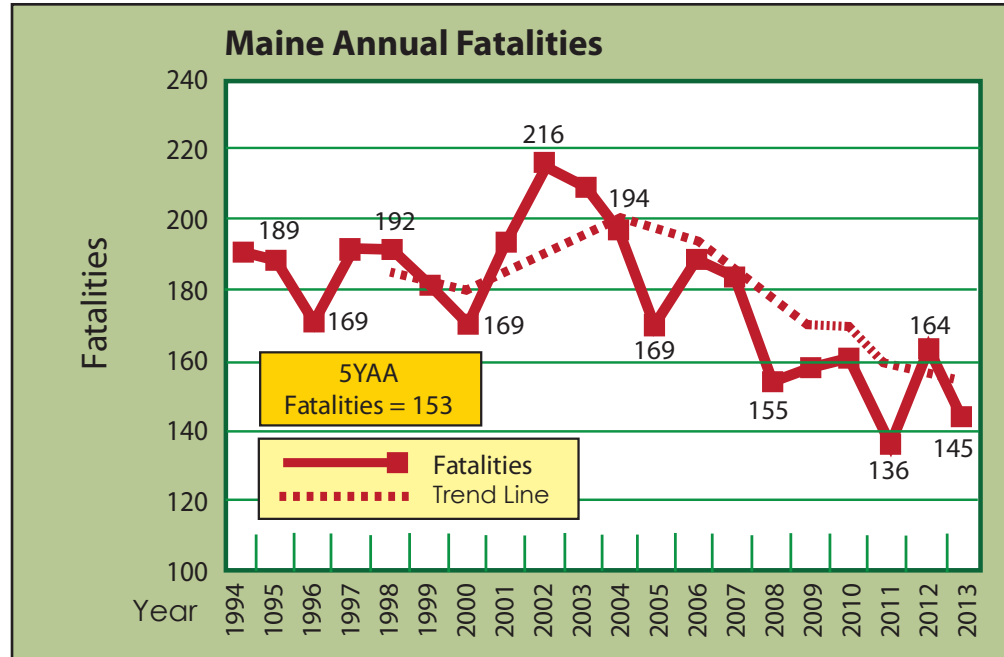


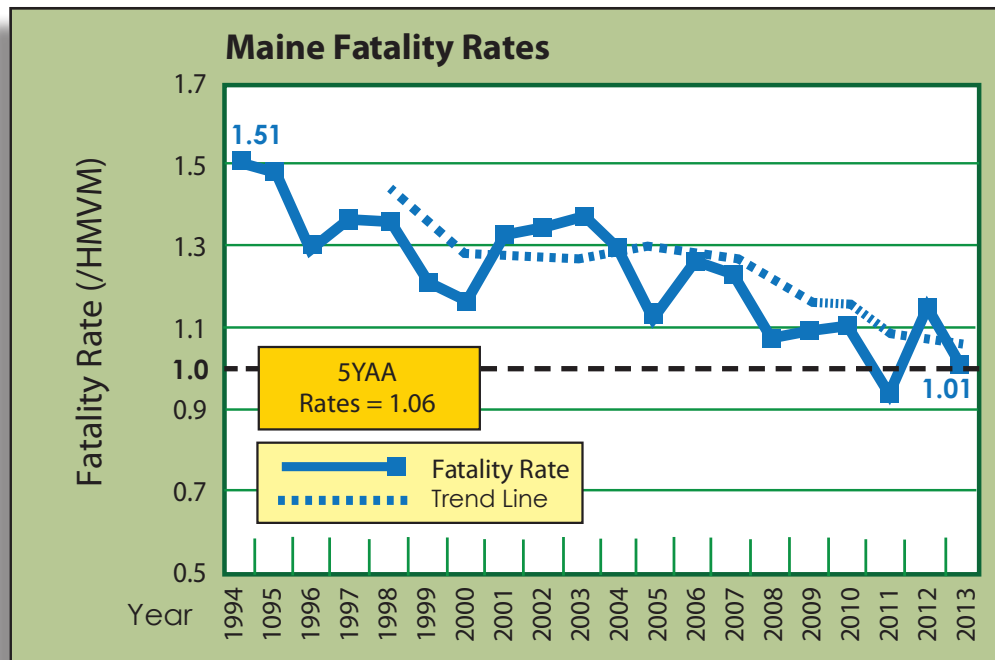


Crashes per estimated hundred million vehicle miles travelled.

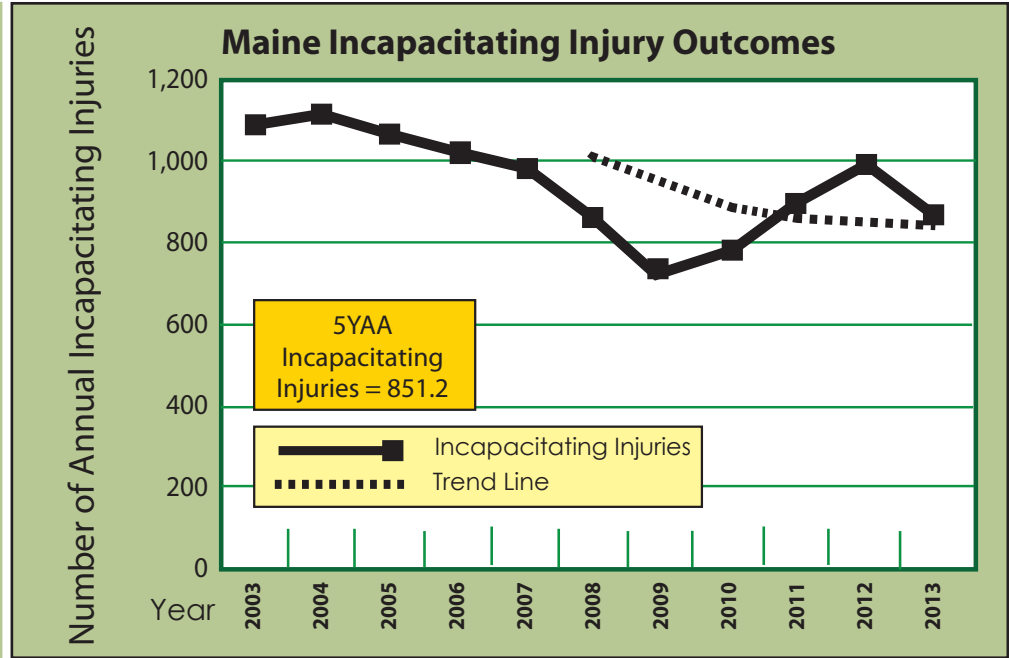


Maine fatalities as identified in Fatal Analysis Reporting System.
(www.nhtsa.gov/FARS)





Fatalities per estimated hundred million vehicle miles travelled.



Snapshot Look at Focus Areas					
Maine Top Crash Types					
LEAD FOCUS AREAS	5 Year Average	5 Year Average	Severity Comparison	2006-2010 Experience	
	Annual Crashes	Annual Fatalities	Fatalities/1,000 Crashes	Annual Crashes	Annual Fatalities
	(2009-2013)	(2009-2013)	(2009-2013)	(2006-2010)	(2006-2010)
All Crash Types	28,896	150.2	5.2	30,750	169.2
Lane Departure	8,865	107.8	12.2	8,727	118.8
Speed	4,573	61	14.9	5,670	67.6
Unbelted		50			55.4
16-24 Year Old	9,146	42.8	4.7	11,283	51.6
16-18 Year Old	2,564	12.4	4.8	3,334	14.8
Alcohol	1,265	37.4	29.6	1,566	55.0
*Distracted/Inattentive	3,143	12	3.7	11,348	42.6
65-98 Year Old	4,988	37.2	7.4	5,010	33.1
Motorcycles	574	19.0	33.1	624	20.6
Winter	5,428	14	2.6	6,215	16.4
Intersections	8,431	17.8	2.1	9,058	21.6
Large Trucks	457	6.4	14	749	12
Pedestrians	274	12.2	39.5	249	12.2
Moose	436	1.2	2.8	561	2.2
Bicycles	202	1.2	6.0	192	2.0

***Note:** The significant variance in this area is due to the 2011 Maine Crash Reporting System distracted driving reporting definition change. Distracted driving results above are only for 2012 and 2013.

Overall results from 2009-2013 (yellow columns) have shown improvement over the earlier five-year study period of 2006-2010 (orange columns).

Severity comparison shows relative potential for a fatal outcome - the higher the number the higher the chance of a fatality in that crash type (blue column).

Miles of Road*

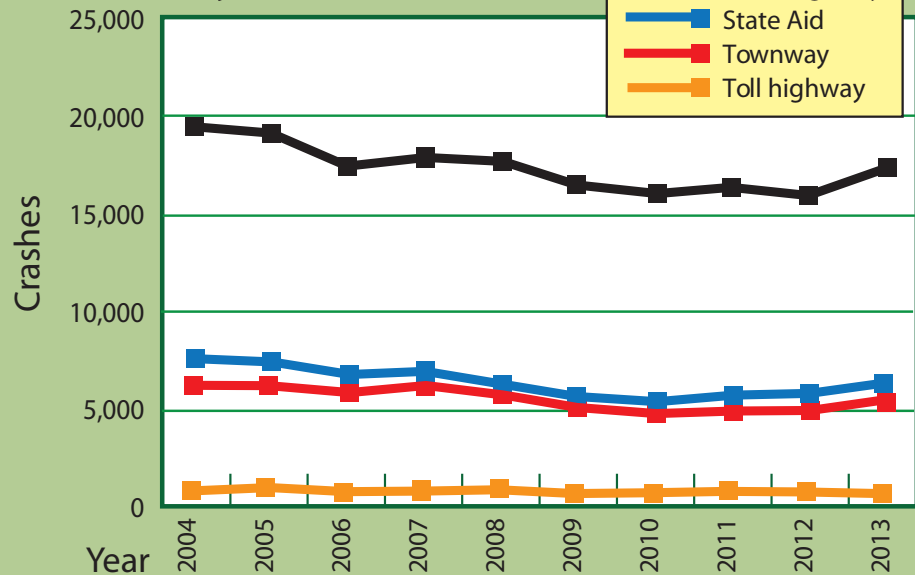
Toll Highway110
 State Highway4,093
 State Aid4,272
 Townway13,394

*(not including seasonal)

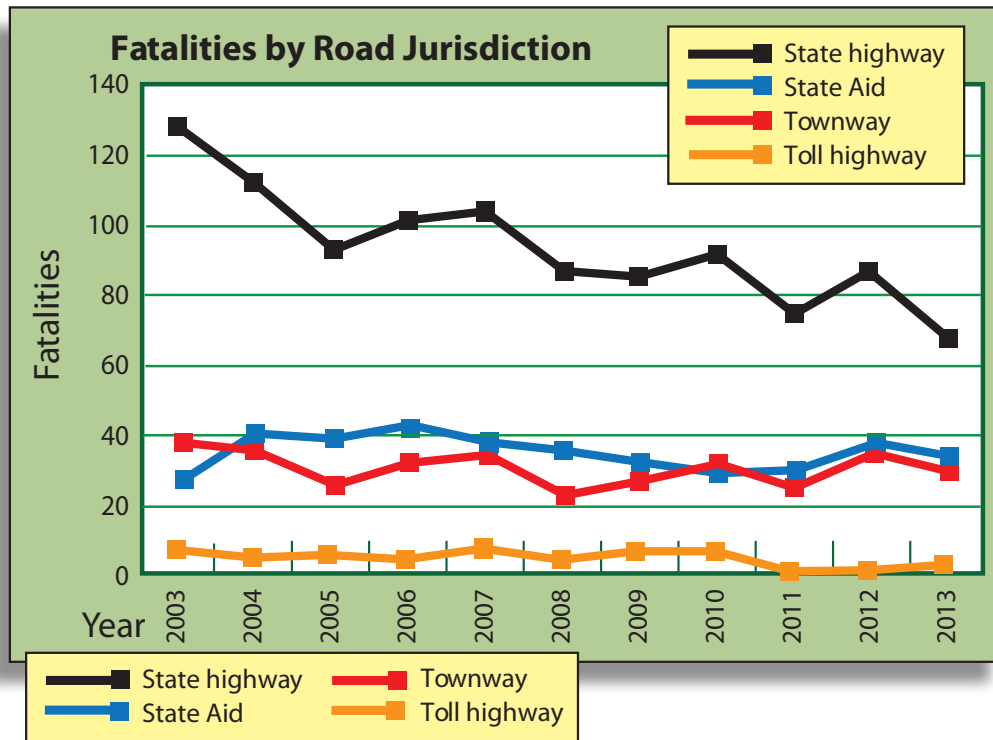
100 Million Vehicle Miles Travelled

Toll Highway13.0
 State Highway84.3
 State Aid27.8
 Townway18.0

Crashes by Road Jurisdiction



State highway State Aid Townway Toll highway



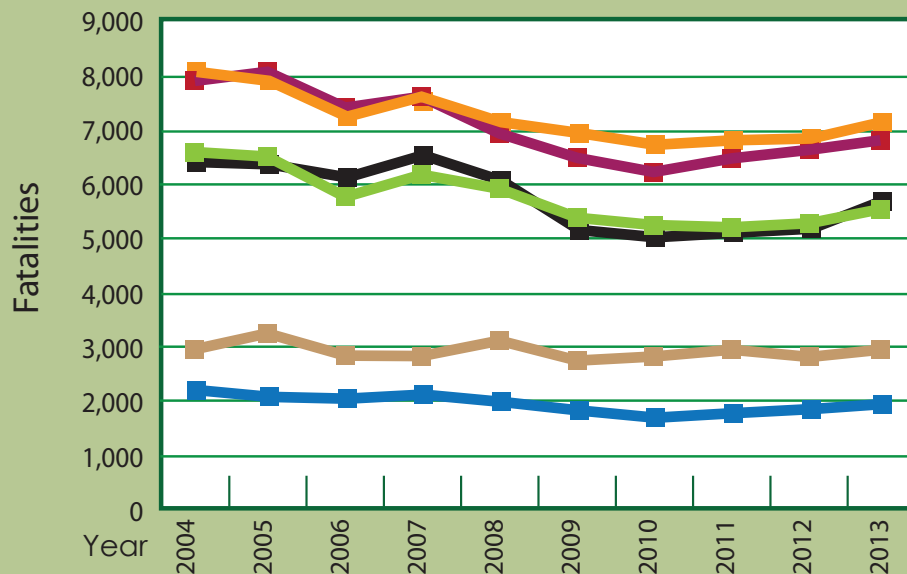
Miles of Road

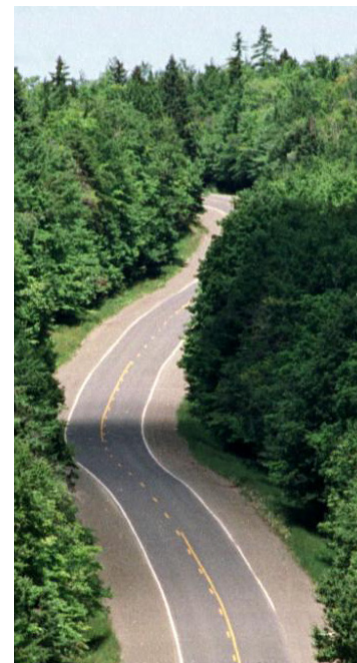
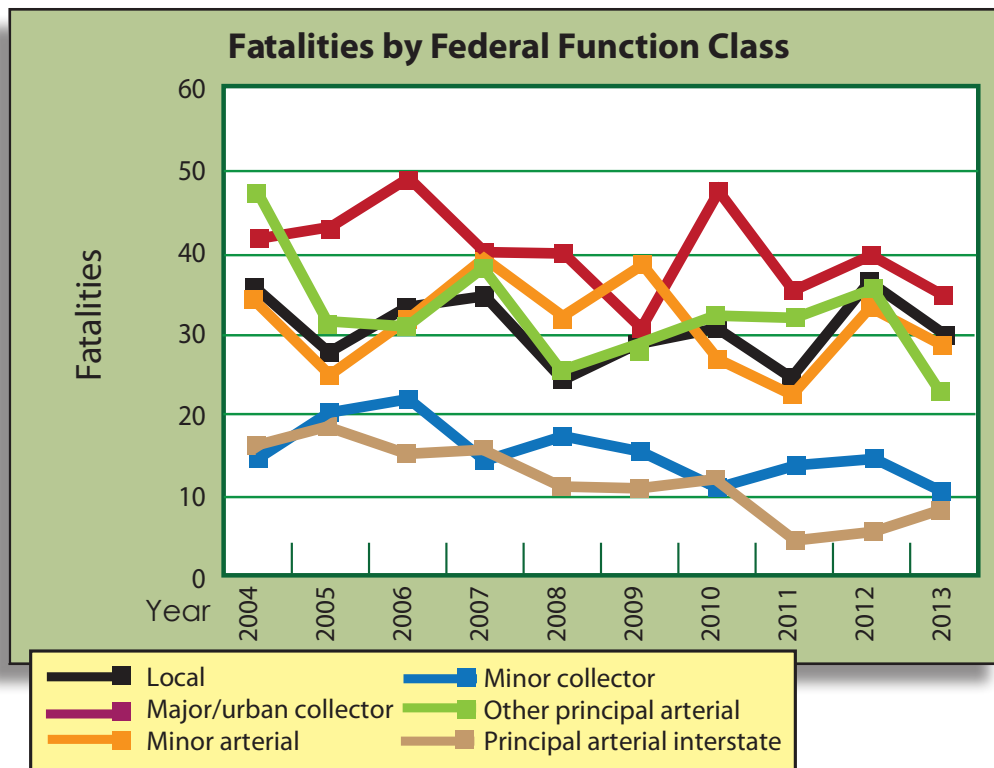
Principal Art. Int.....367
 Other Prin. Art.923
 Minor Arterial1,258
 Major/Urban
 Collector3,744
 Minor Coll.2,167
 Local14,393

100 Million Vehicle Miles Travelled

Principal Art.30.8
 Other Prin. Art.25.7
 Minor Arterial27.4
 Major/Urban
 Collector31.5
 Minor Coll.8.3
 Local18.6

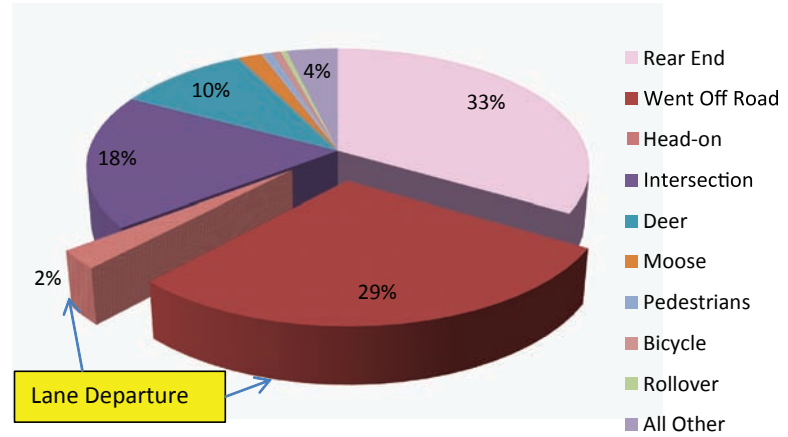
Crashes by Federal Functional Class



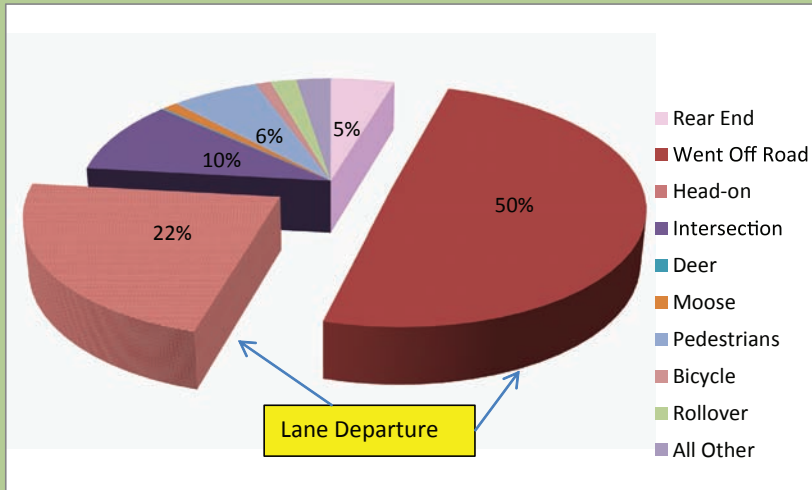


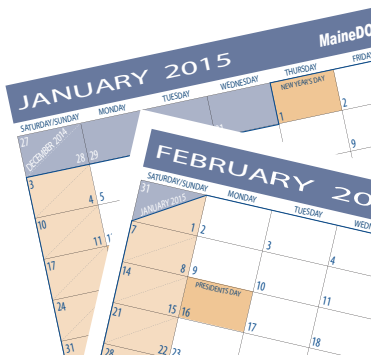


Maine Crashes by Type (2004-2013)

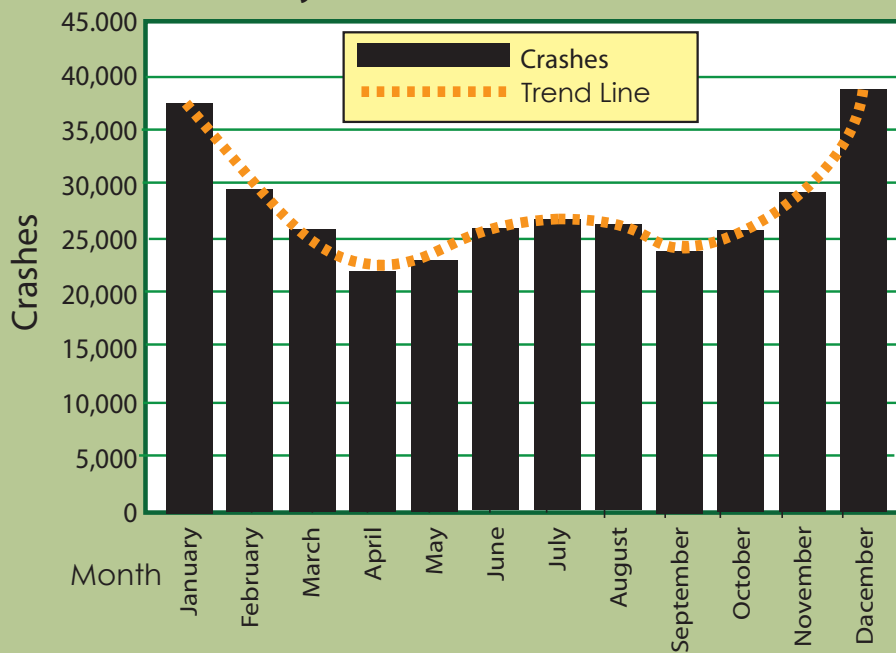


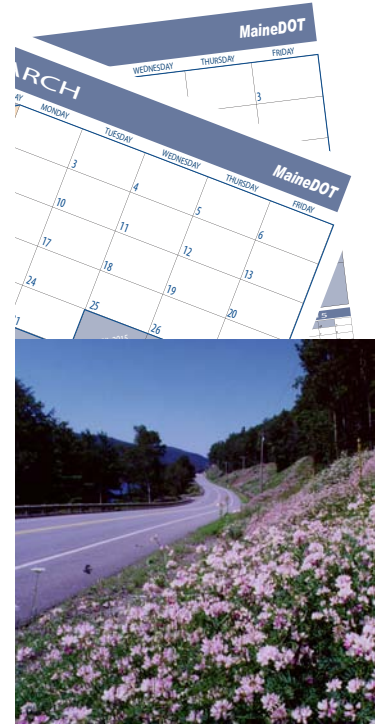
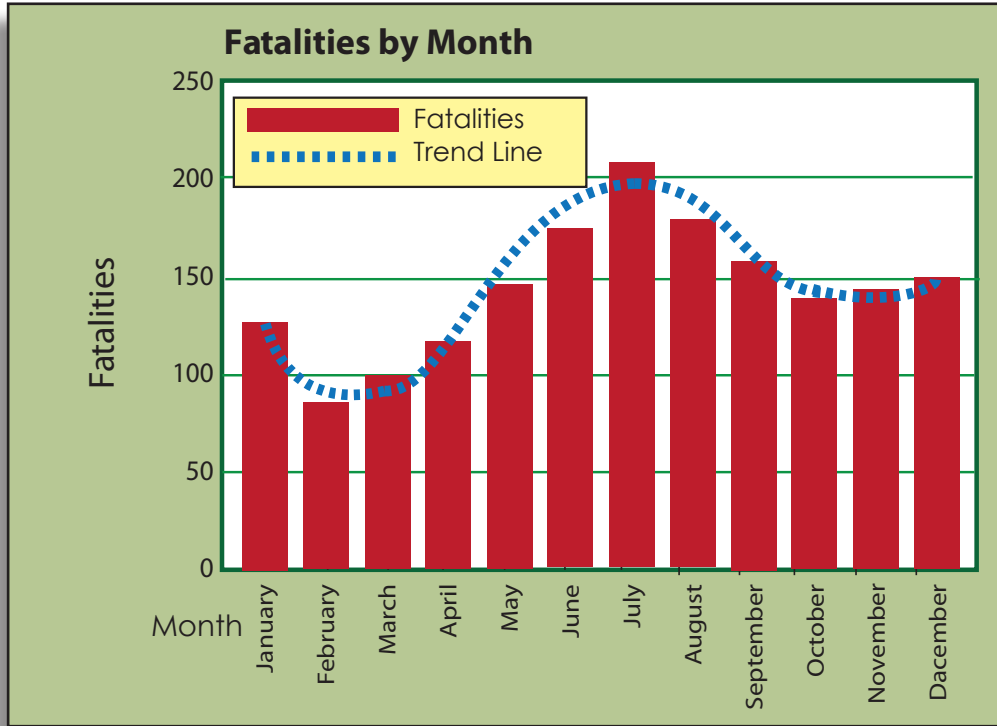
Maine Fatalities by Type (2004-2013)

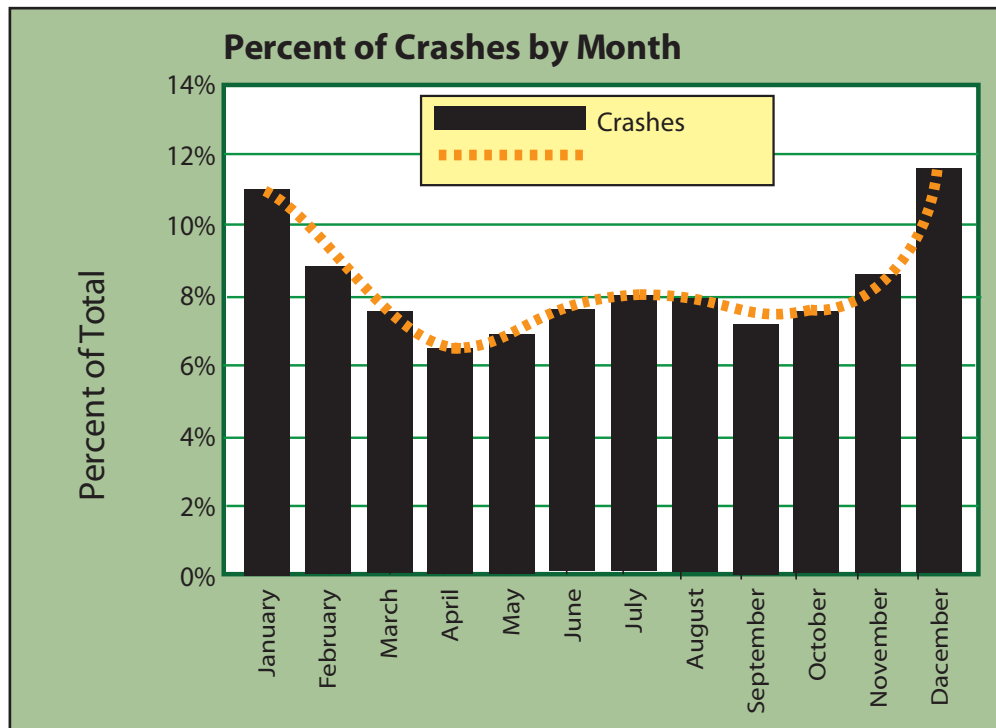




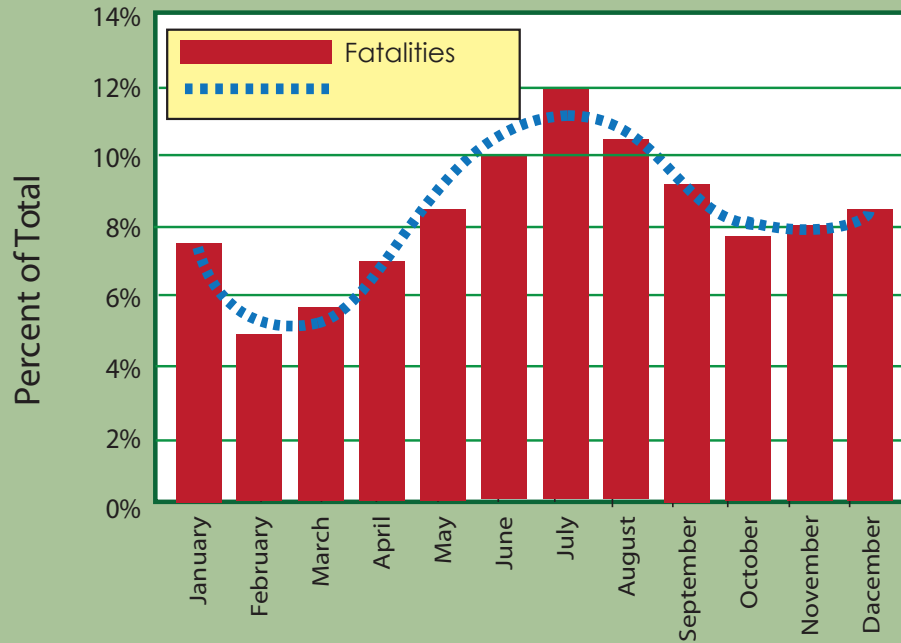
Crashes by Month

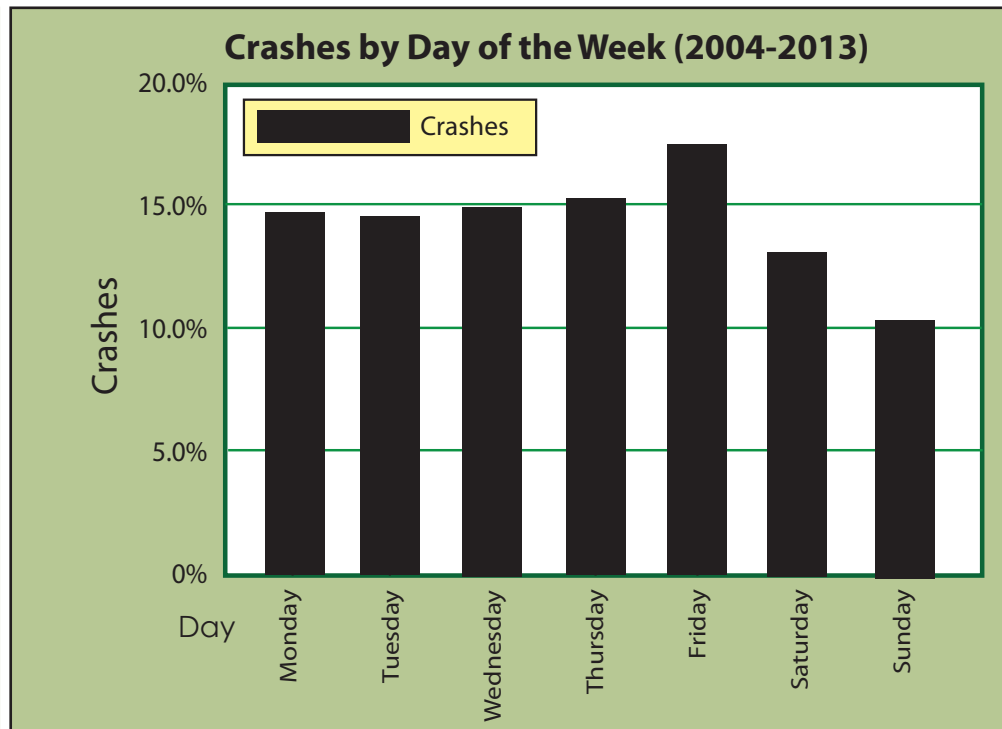
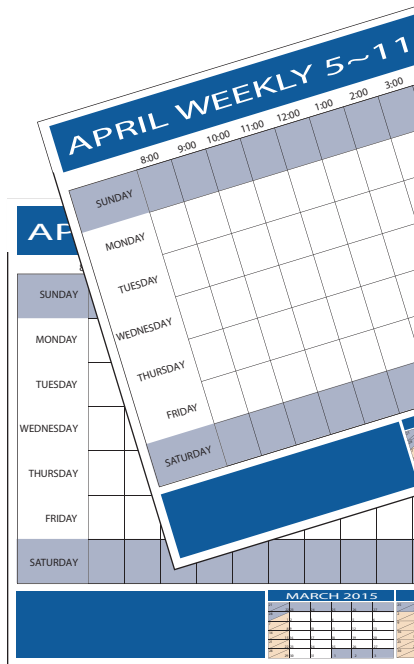


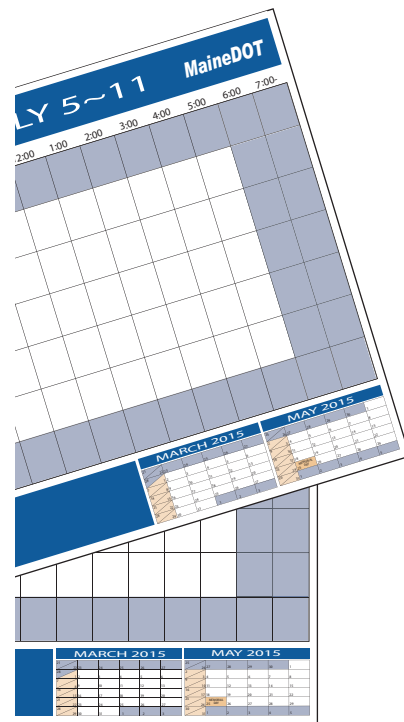
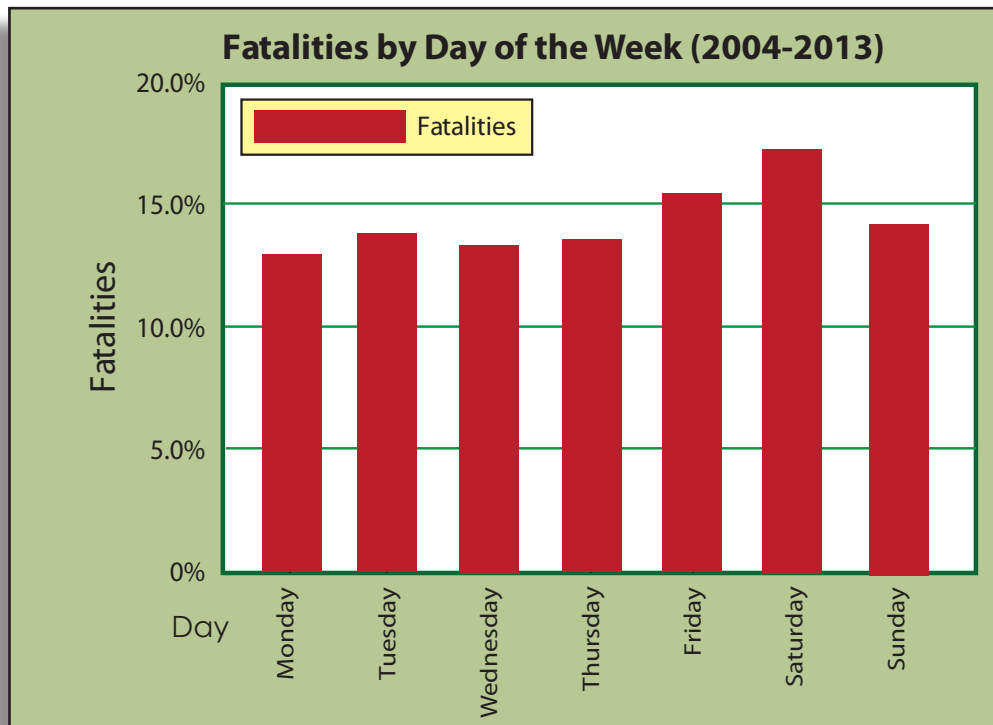


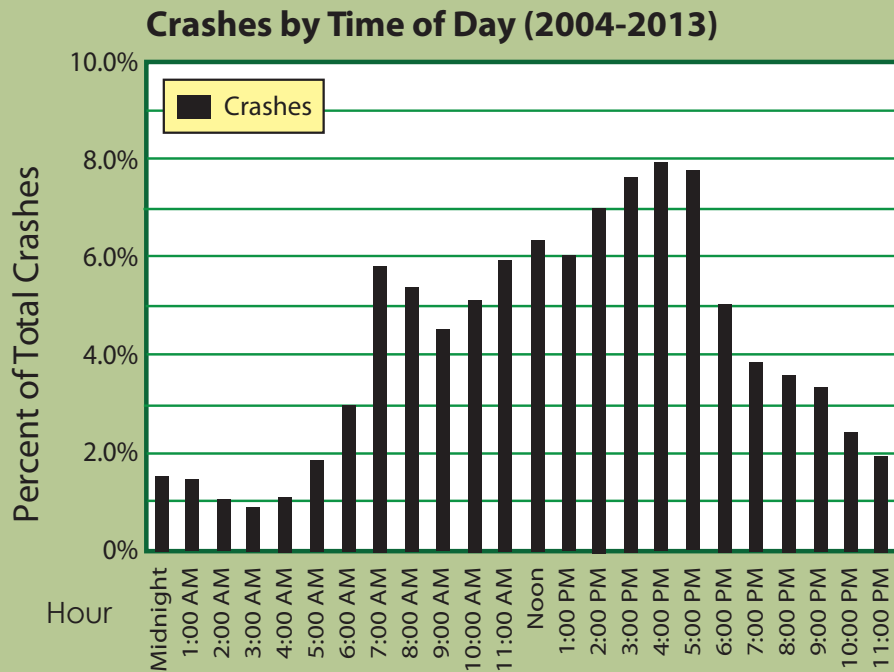


Percent of Fatalities by Month

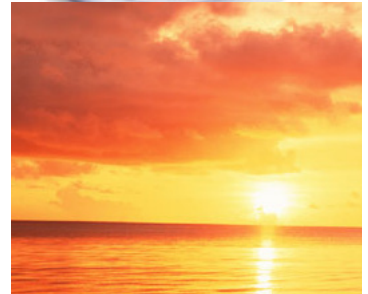
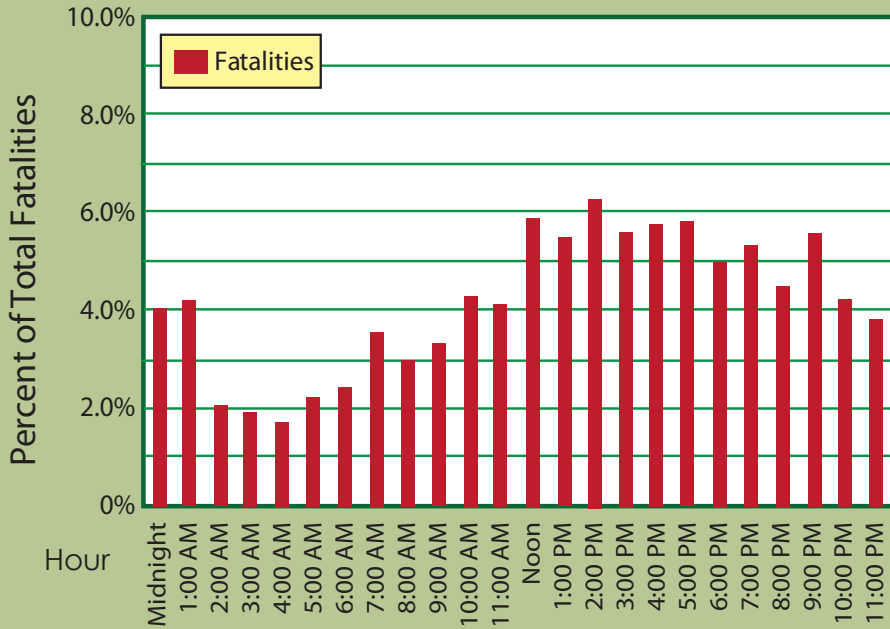






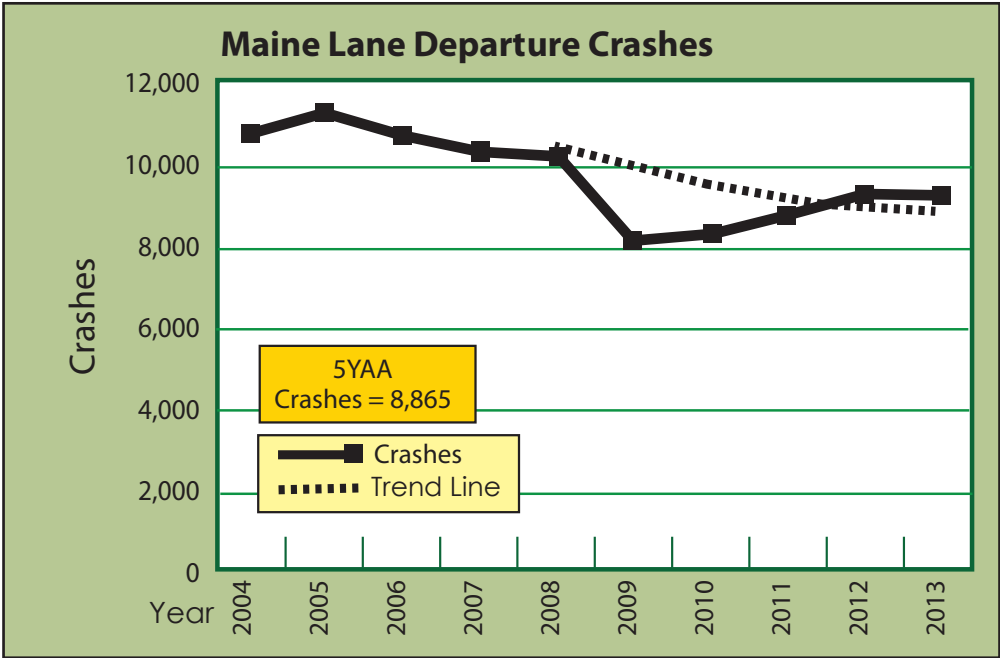


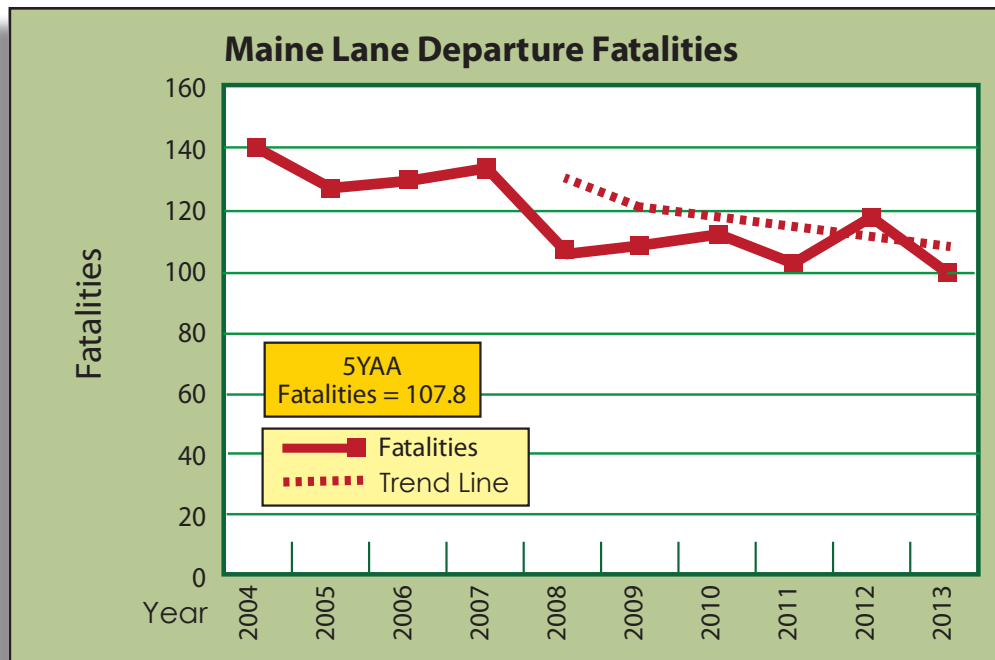
Fatalities by Time of Day (2004-2013)

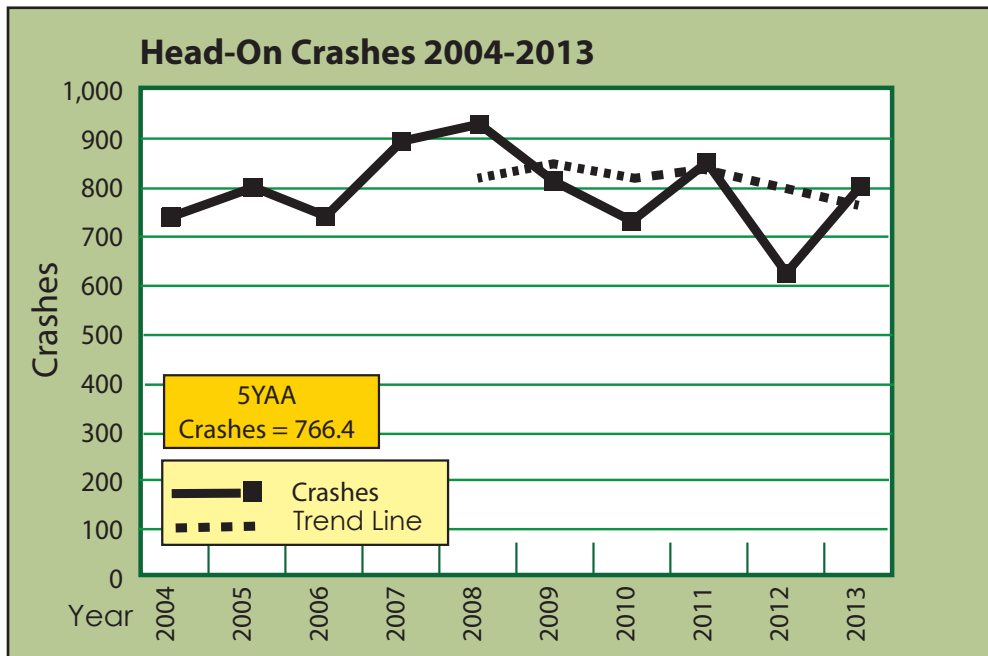


Lane Departures

These are crash outcomes that result when a vehicle leaves its designated lane of travel and veers left or right. Two crash types will normally result - either head-on or went off-road. Those two crash types are further detailed on the following pages.

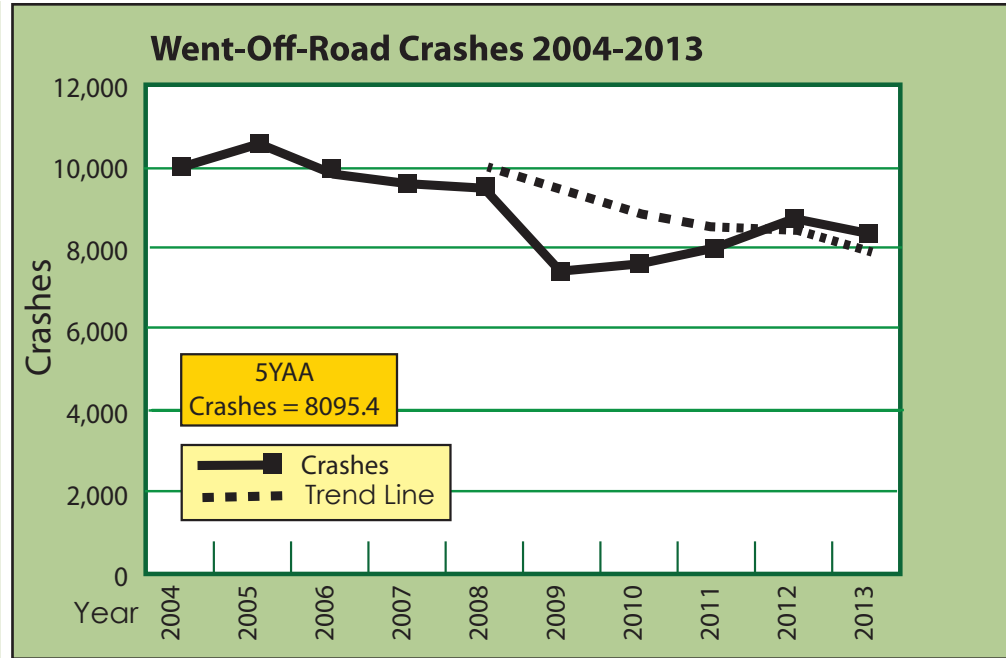


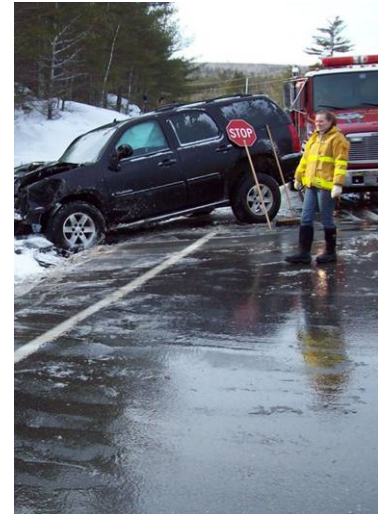
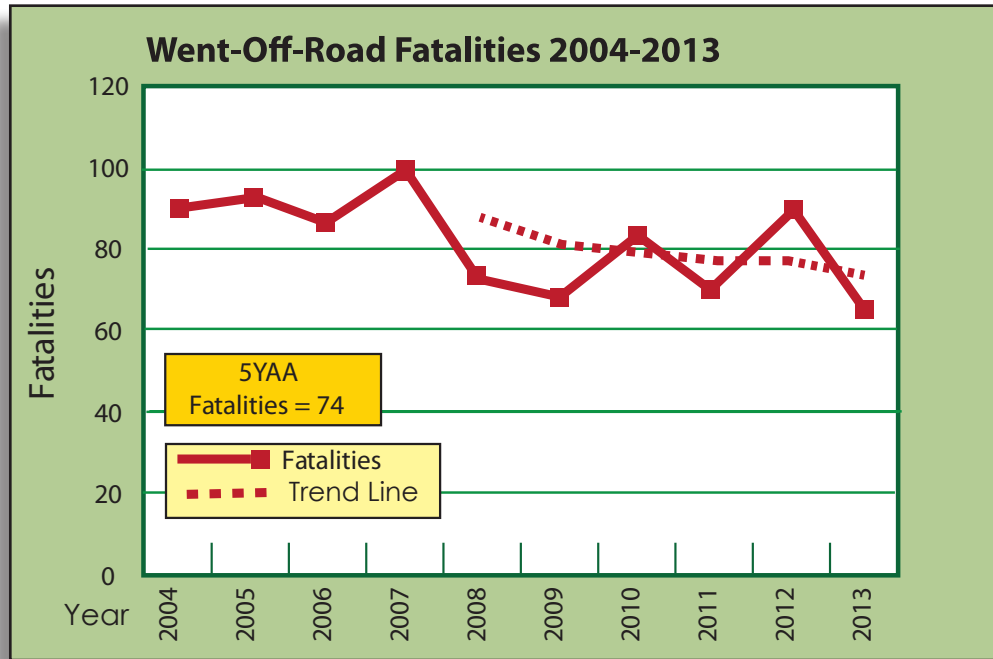


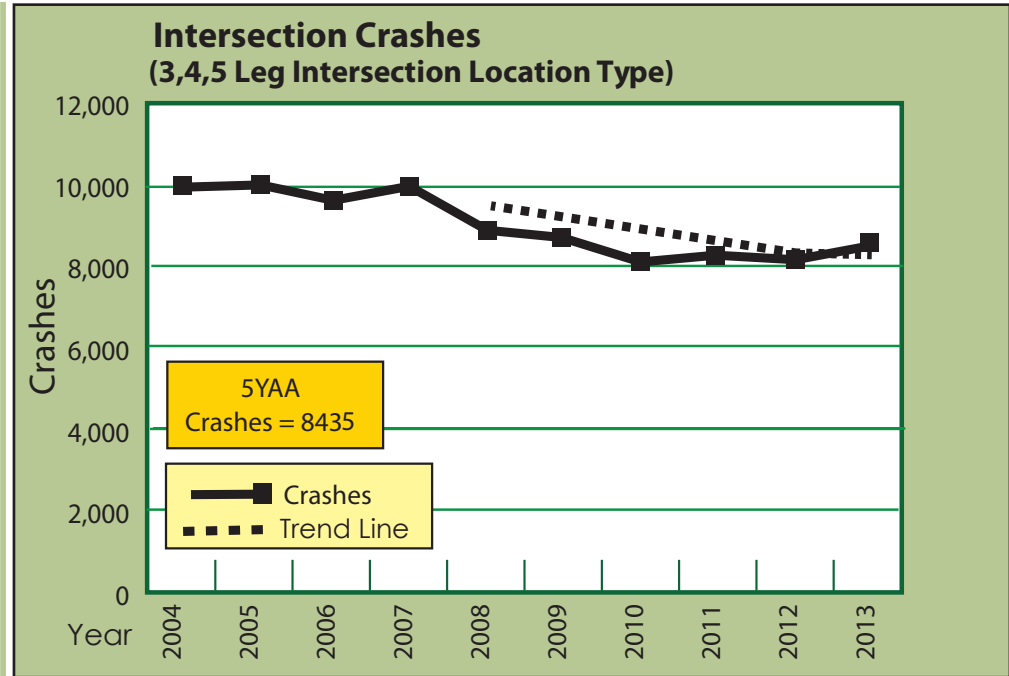


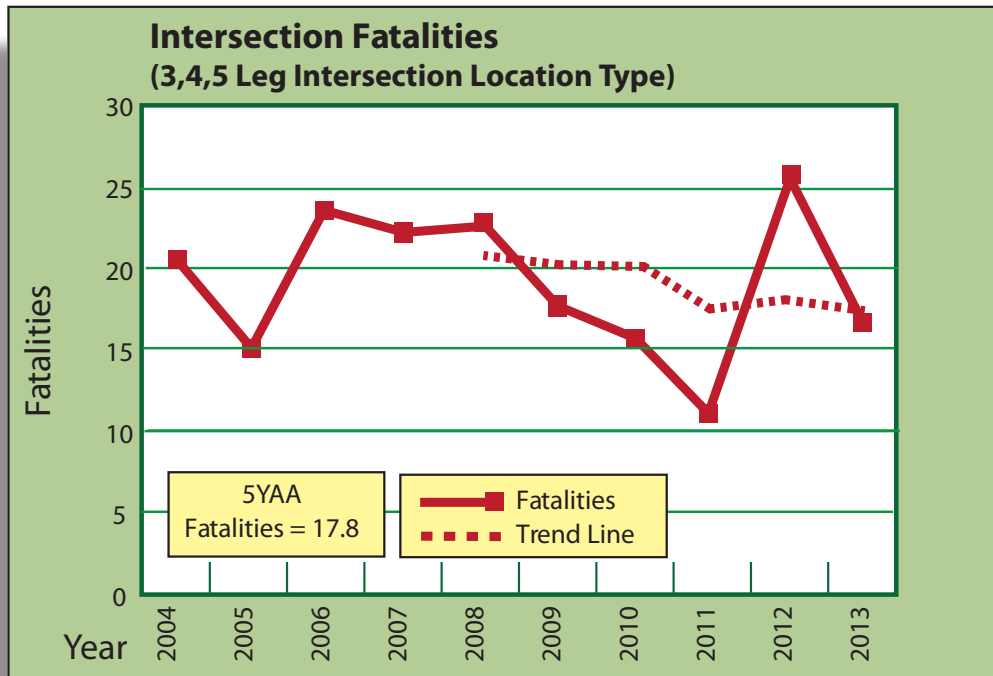


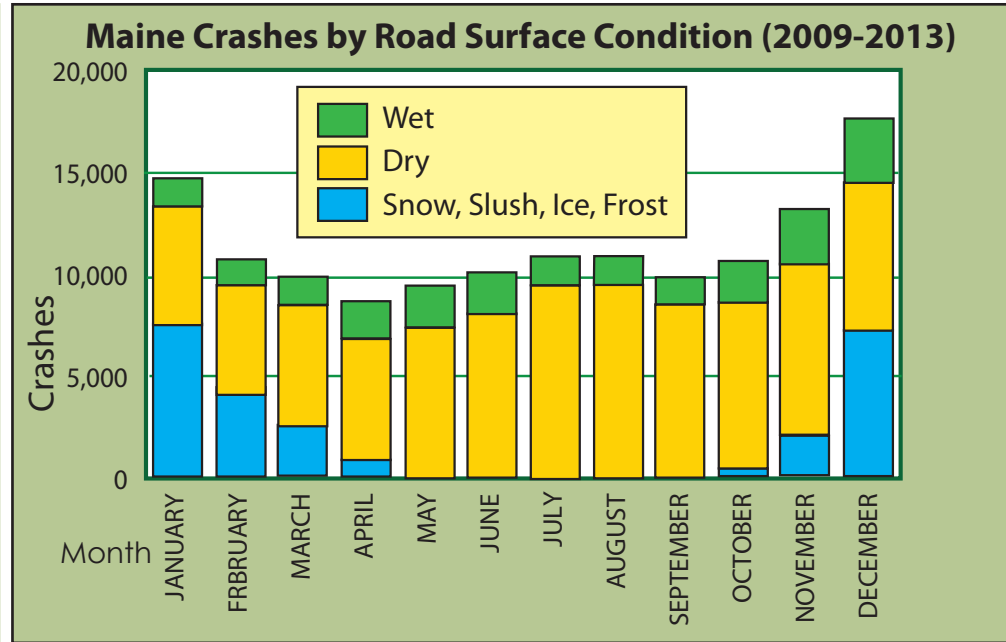
Went-off-road crashes are more frequent than head-on, occurring 10 times more often. Head-on crashes are much more severe than went-off-road. There is an average of 43 fatalities/1,000 crashes for head-on compared to 9 fatalities/1,000 crashes in went-off-road -crashes.

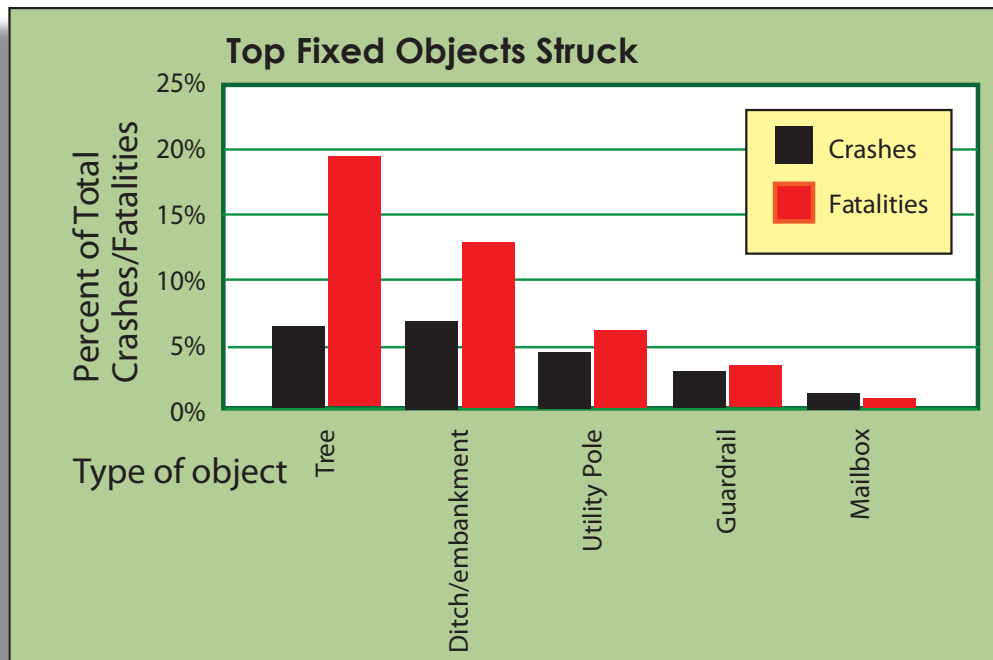


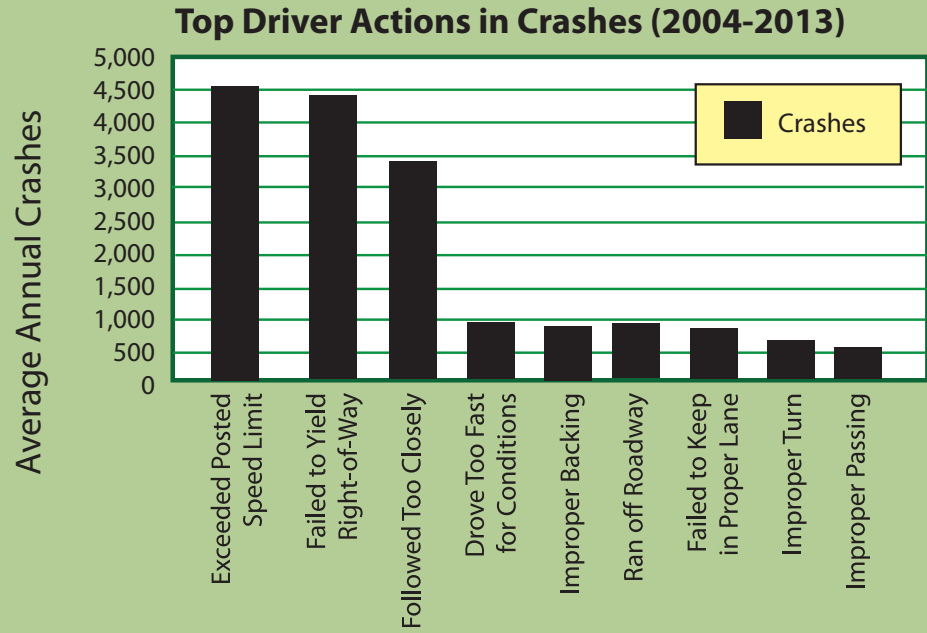






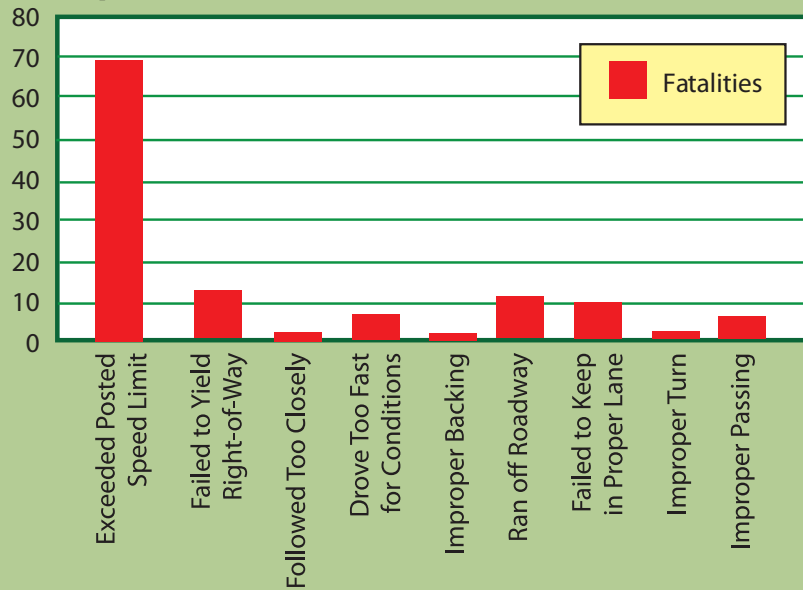


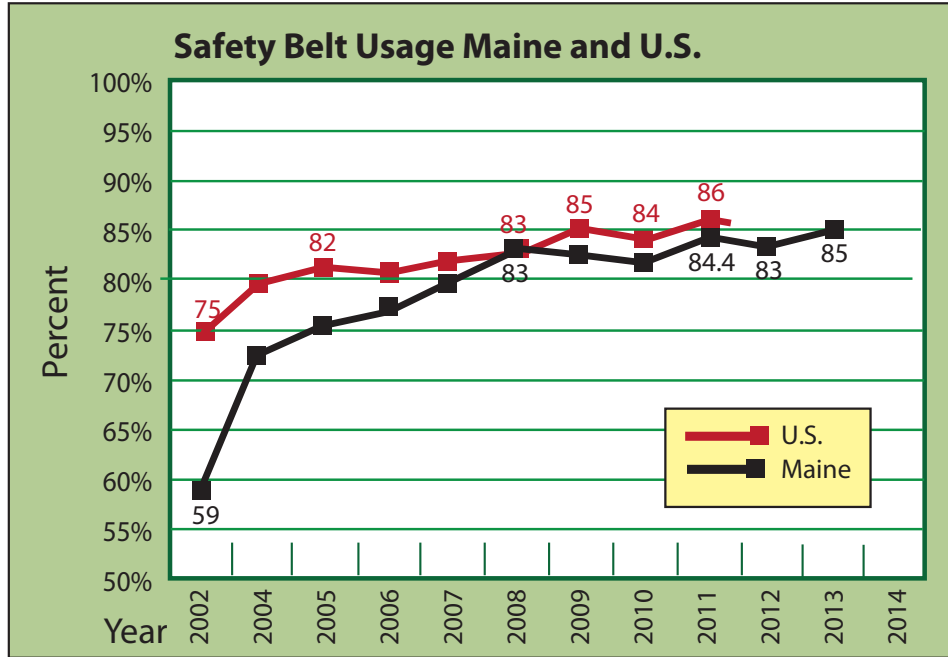


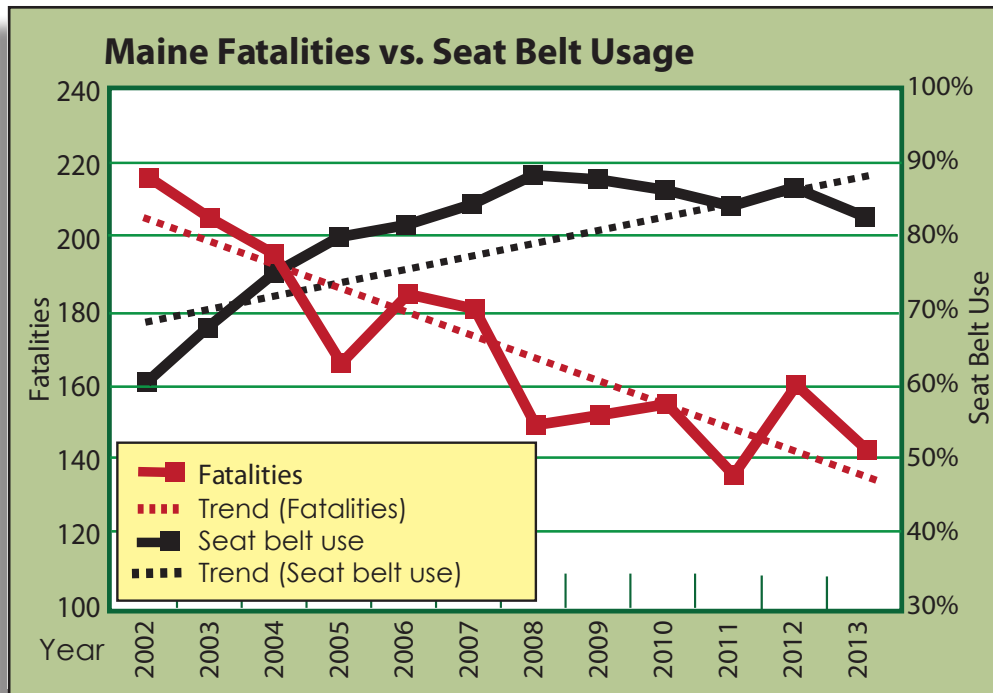


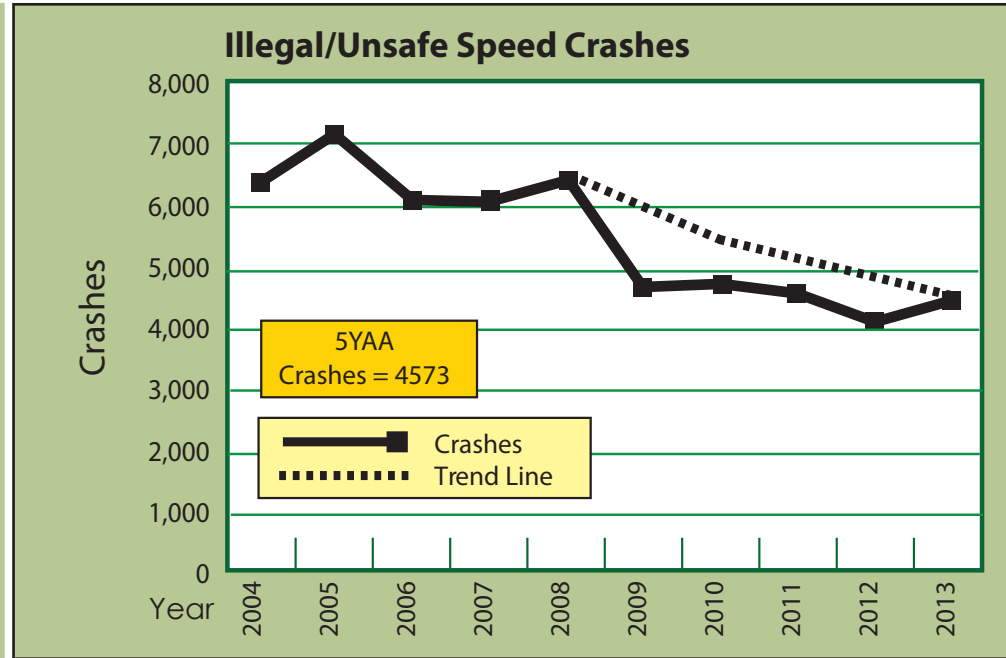
Average Annual Fatalities

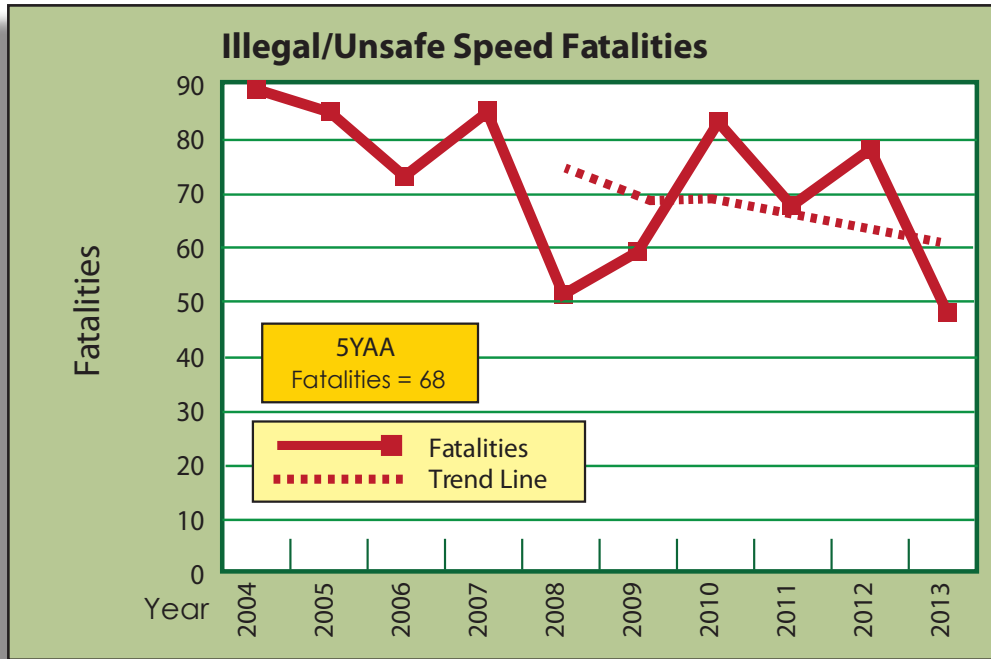
Top Driver Actions in Fatal Crashes (2004-2013)

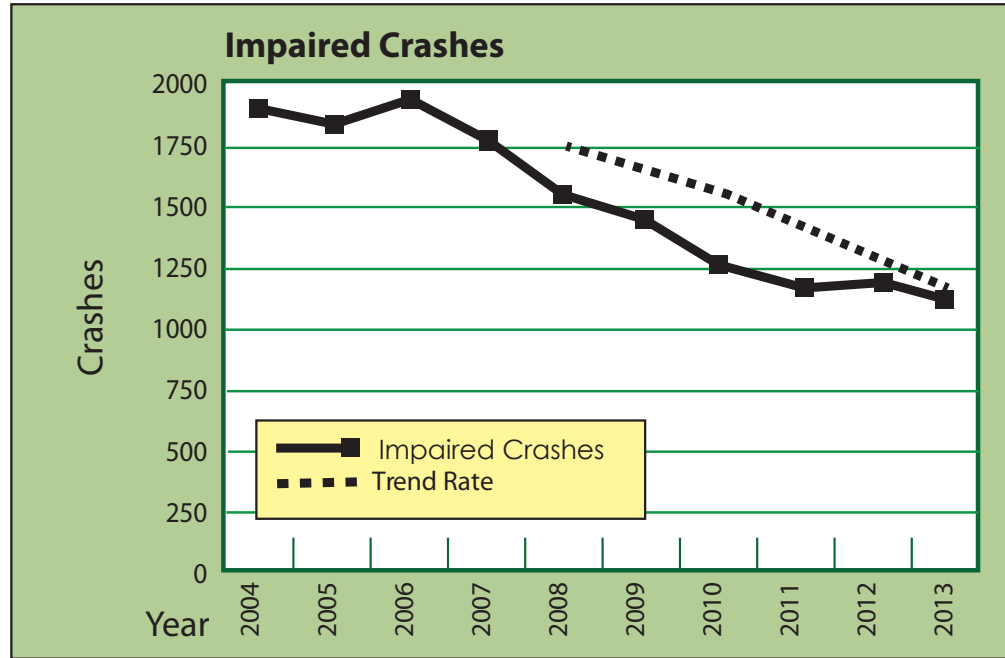




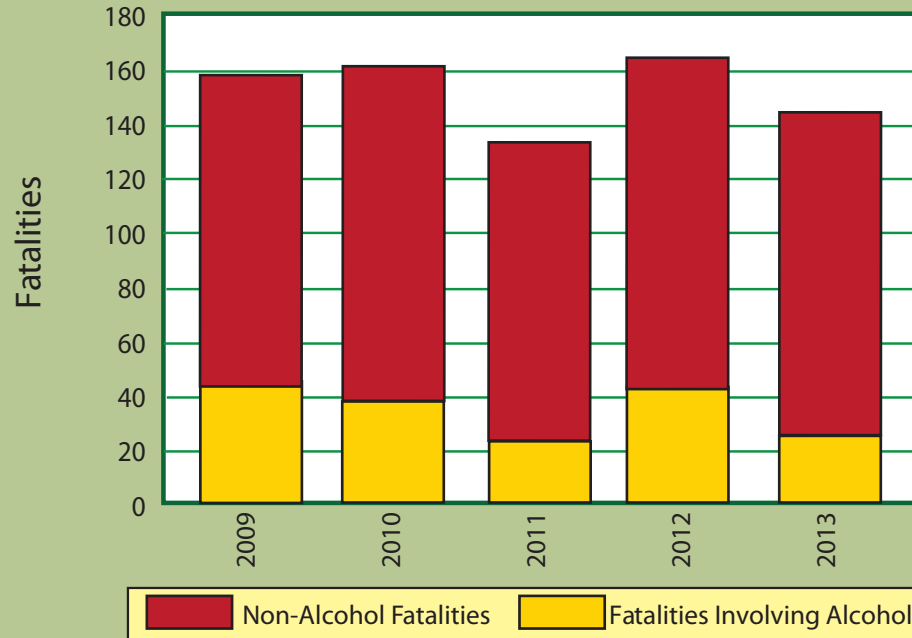




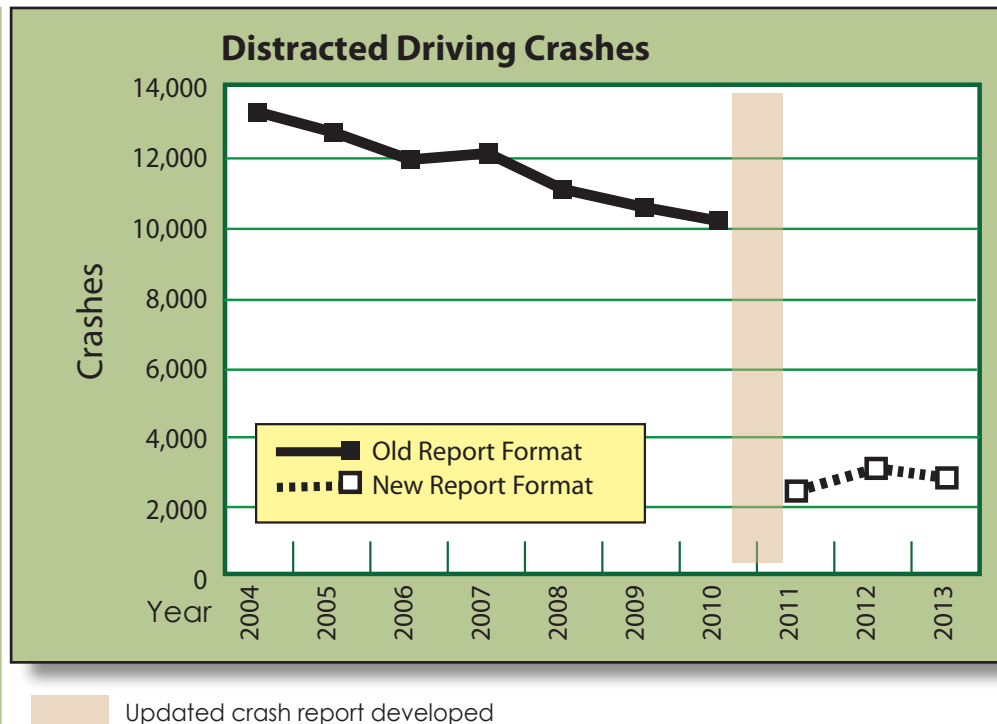


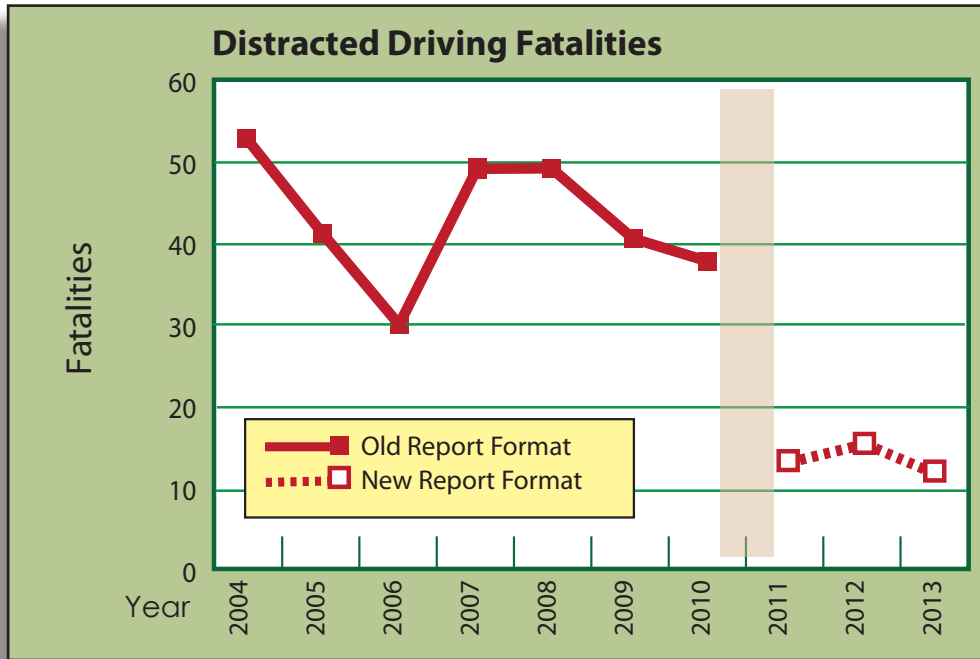


Fatalities and Alcohol-Related Fatalities 2009-2013

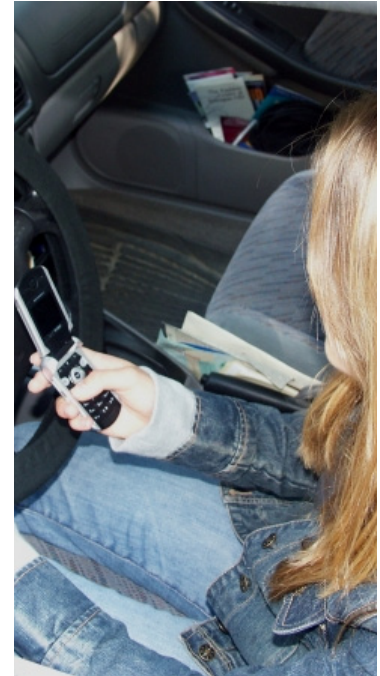


Prior to 2011, police crash reports captured general “distracted/inattentive” driving factors, and 10,000+ distraction/inattention related crashes were reported annually. During 2011, Maine switched to an updated crash report in line with national guidance that now reports on specific distracted practices. This does not include generic inattention, greatly reducing the reported number of distracted crashes. Distracted driving behaviors are usually self-reported.





Updated crash report developed





Crashes Involving Drivers with Suspended Licenses

Year	ALL Maine Crashes	Suspended Crashes	% of Susp. Crashes	ALL Maine Fatalities	Suspended Fatalities	% of Suspended Fatalities
2003	35202	795	2.26%	207	9	4.35%
2004	34969	854	2.44%	194	20	10.31%
2005	34995	707	2.02%	169	17	10.06%
2006	32058	679	2.12%	188	18	9.57%
2007	33196	789	2.38%	183	16	8.74%
2008	31724	584	1.84%	155	4	2.58%
2009	28969	614	2.12%	159	14	8.81%
2010	27888	581	2.08%	161	8	4.97%
2011	28659	577	2.01%	136	11	8.09%
2012	28278	661	2.34%	164	16	9.76%
2013	30335	627	2.07%	145	19	13.10%

**5 Year Annual
Average**

612

2.12%

13.6

8.89%

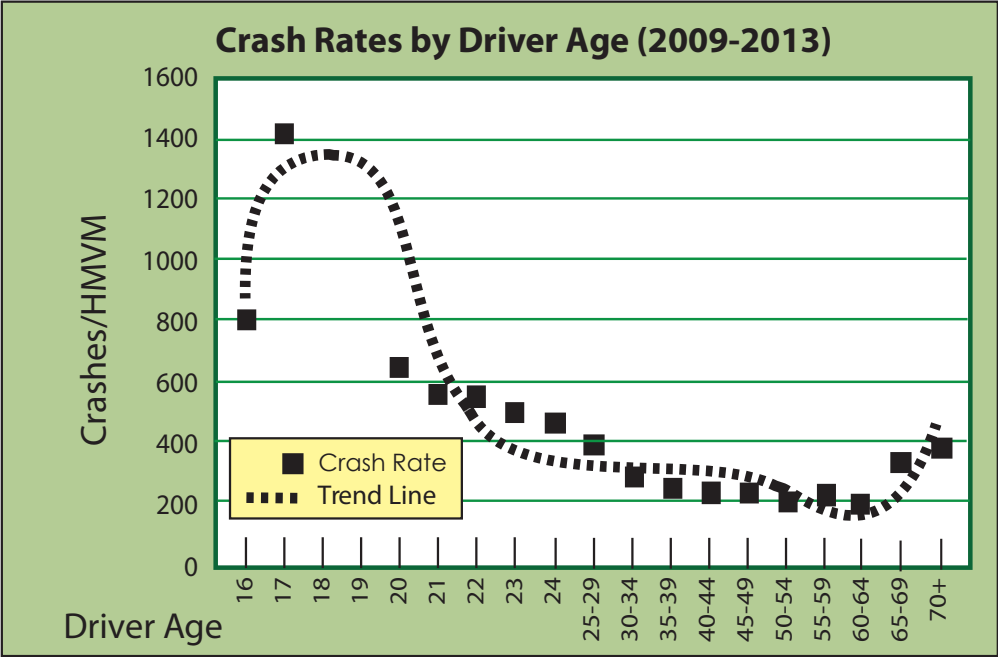
Fatalities by Classification by Year 2009-2013

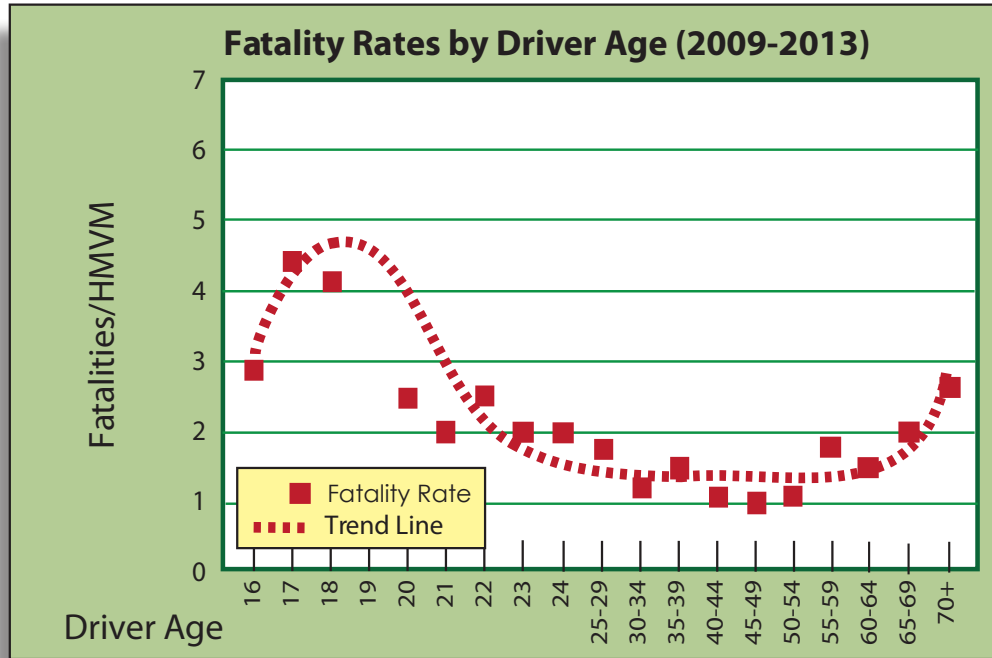
YEAR	PEDESTRIAN	BICYCLE	MOTORCYCLE	IMPAIRED	% ALCOHOL INVOLVED	TOTAL MAINE FATALITIES
2009	11	0	24	46	28.9	159
2010	12	1	19	38	23.6	161
2011	11	0	15	23	16.9	136
2012	9	1	24	45	27.4	164
2013	11	4	13	35	24.1	145
5 YEAR AV.	10.8	1.2	19	37.4	24.4	153

Exhibit 2

This table shows the relationship between the various classifications of fatalities and the total number of fatalities.

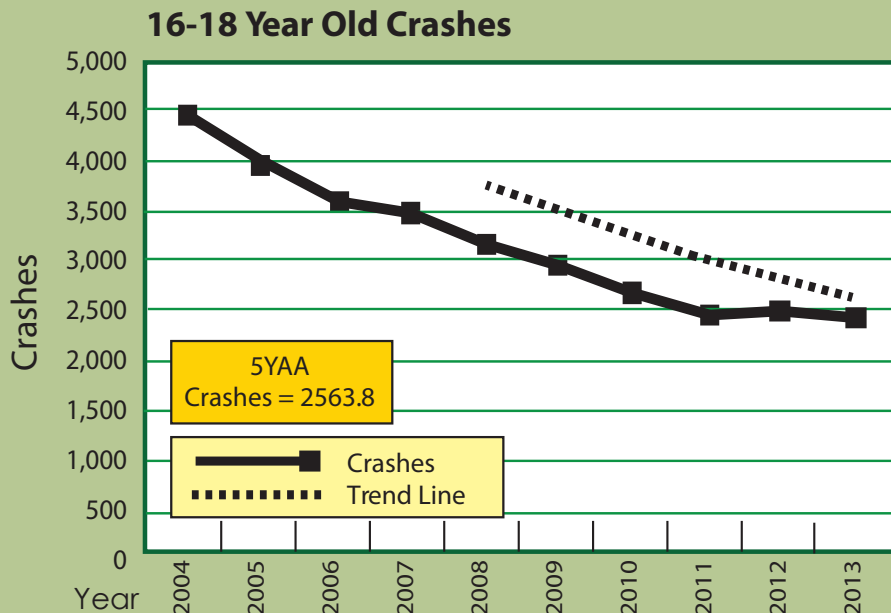
The rates on the next two pages are estimates, based on Maine license driver population and national estimates on annual mileage driver by age group. Any crash-involved driver is included in this data, regardless of fault.

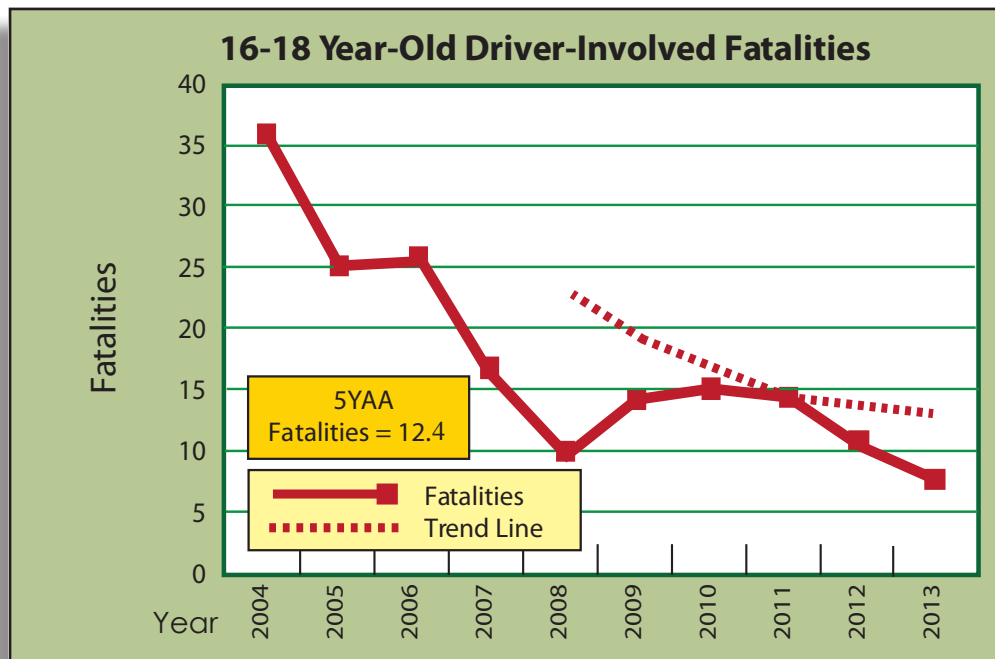




Maine Licensed 16-18 year-Old Drivers

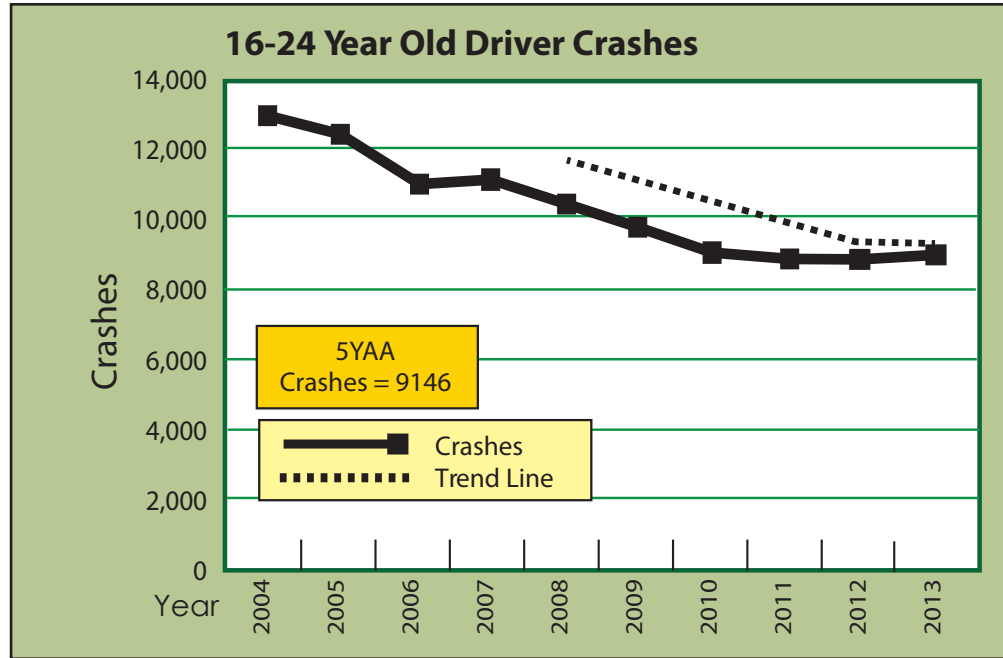
2004	30,661
2005	30,522
2006	30,836
2007	30,182
2008	28,770
2009	28,030
2010	27,193
2011	26,243
2012	25,203
2013	24,383

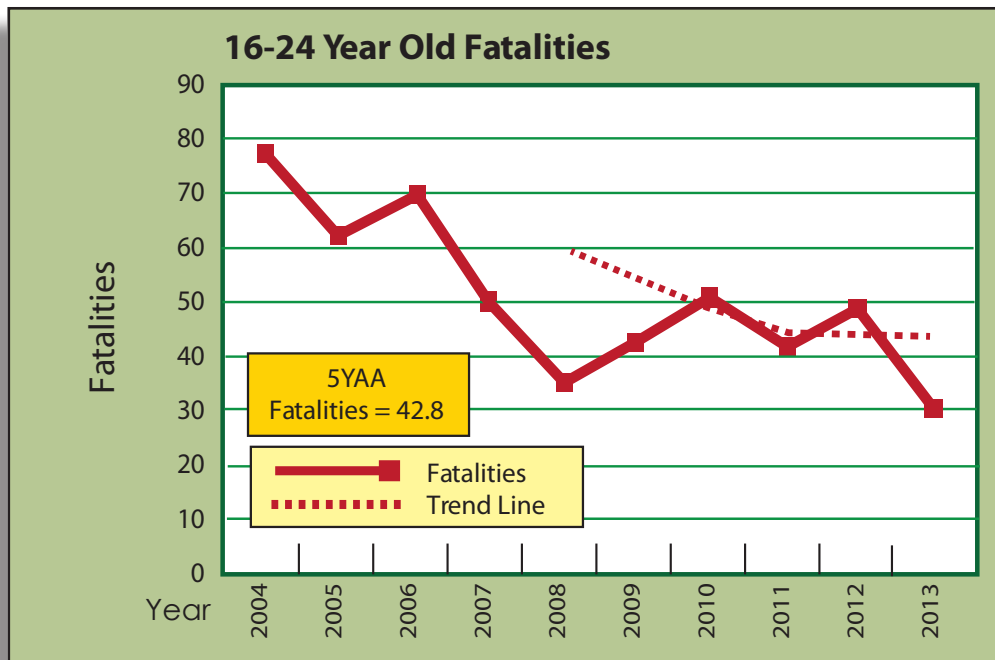




Factoid:

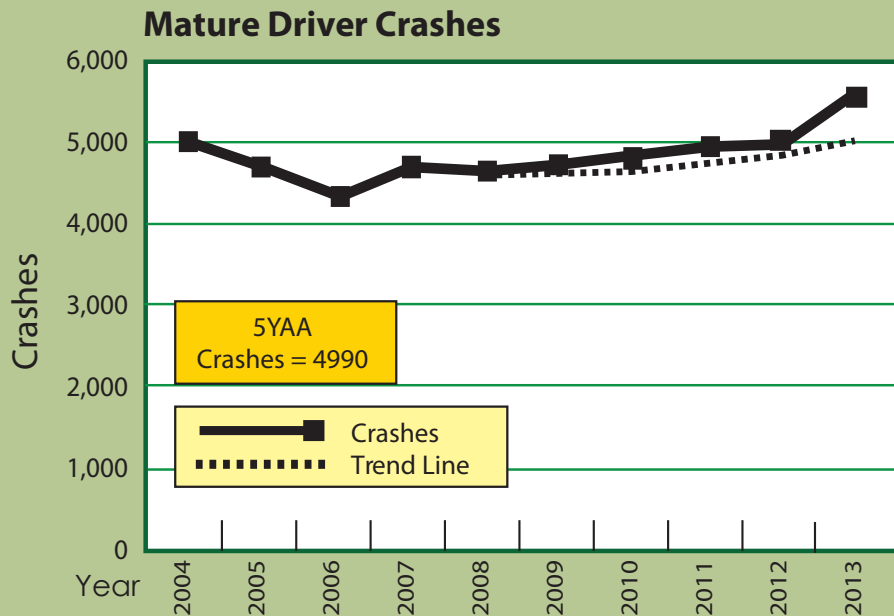
62.5% of 16 to 19 year old driver and passenger fatalities occurred to unbelted occupants.

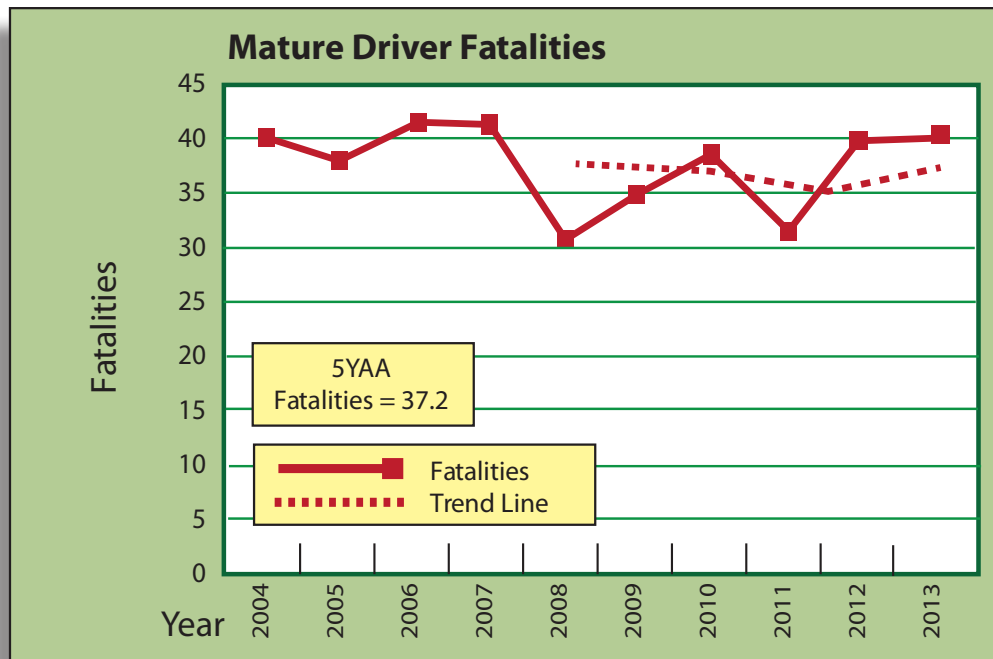




Licensed Driver Age

Year	65-69	70+
2003	47,675	102,719
2004	49,084	105,750
2005	50,075	109,905
2006	51,310	109,659
2007	54,425	110,616
2008	58,174	114,247
2009	61,265	116,697
2010	81,677	118,323
2011	67,766	121,280
2012	72,553	124,625
2013	76,107	130,121

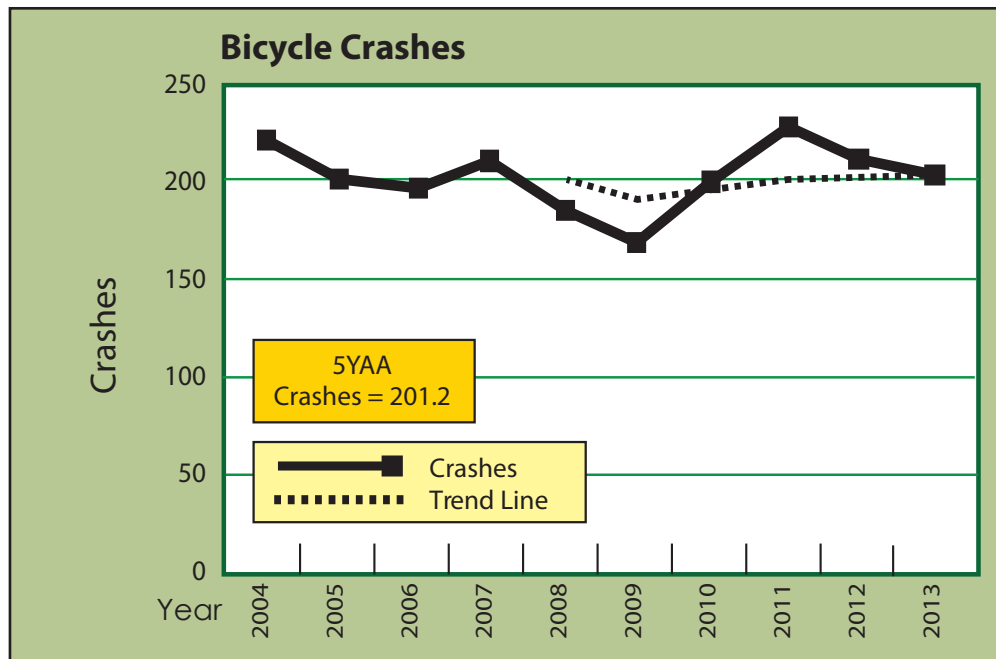


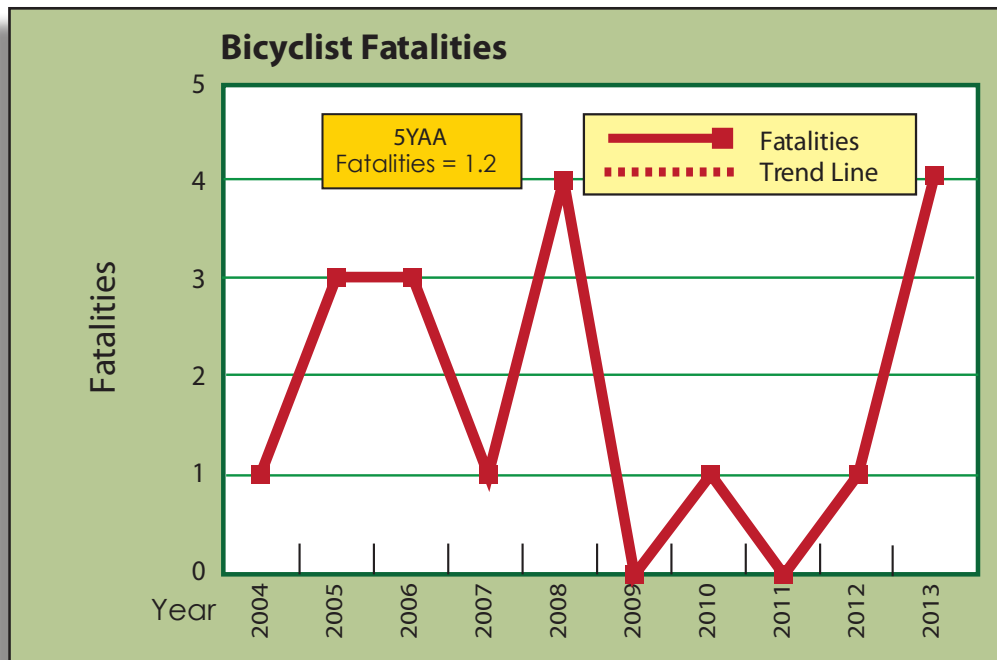


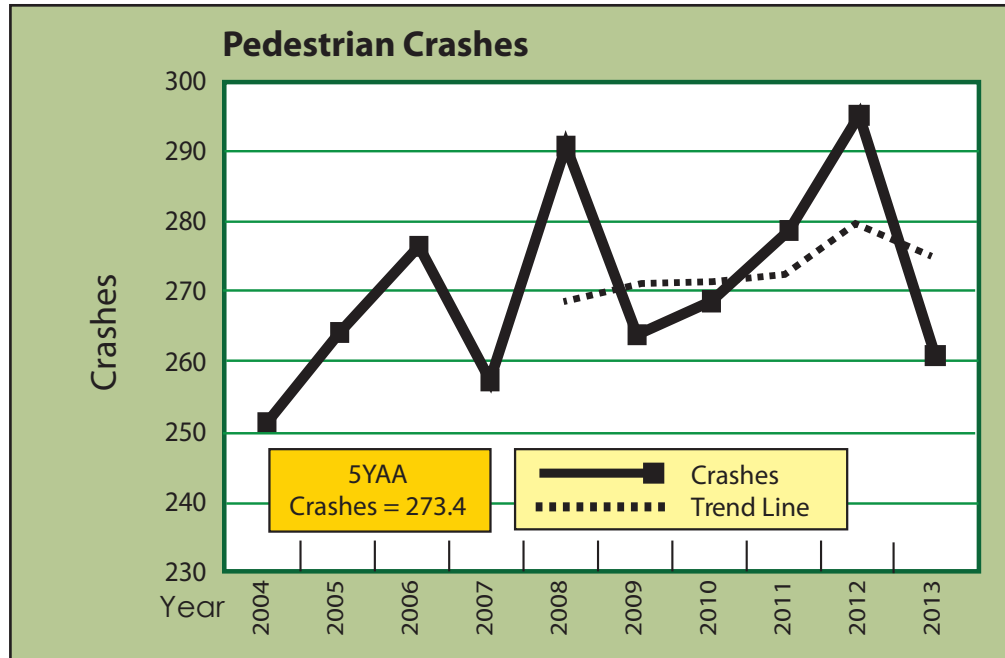
Factoid:

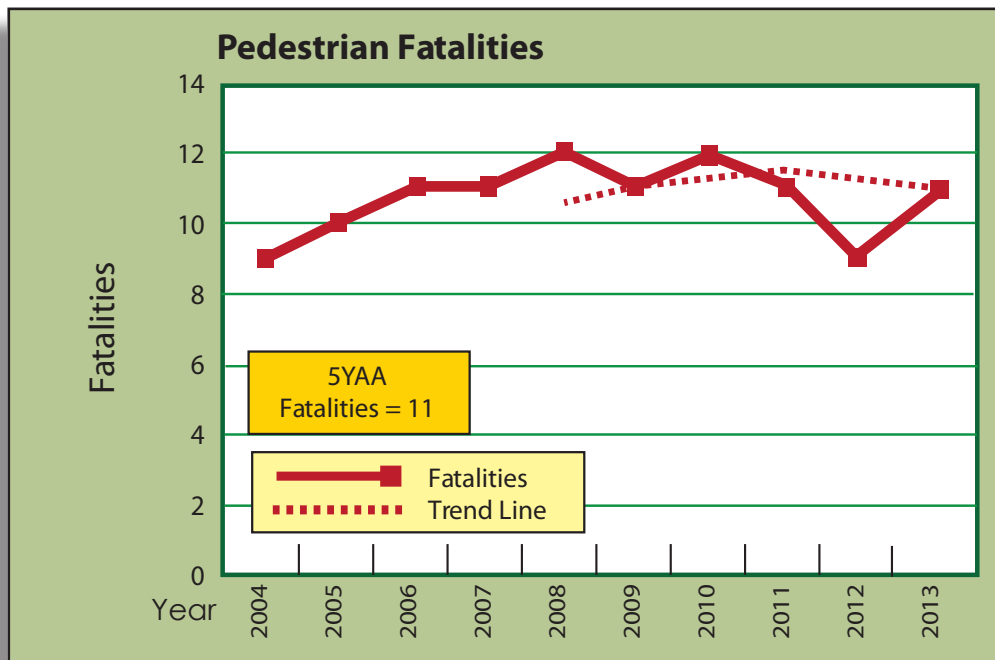
32.3% of mature driver and passenger fatalities occurred to unbelted occupants





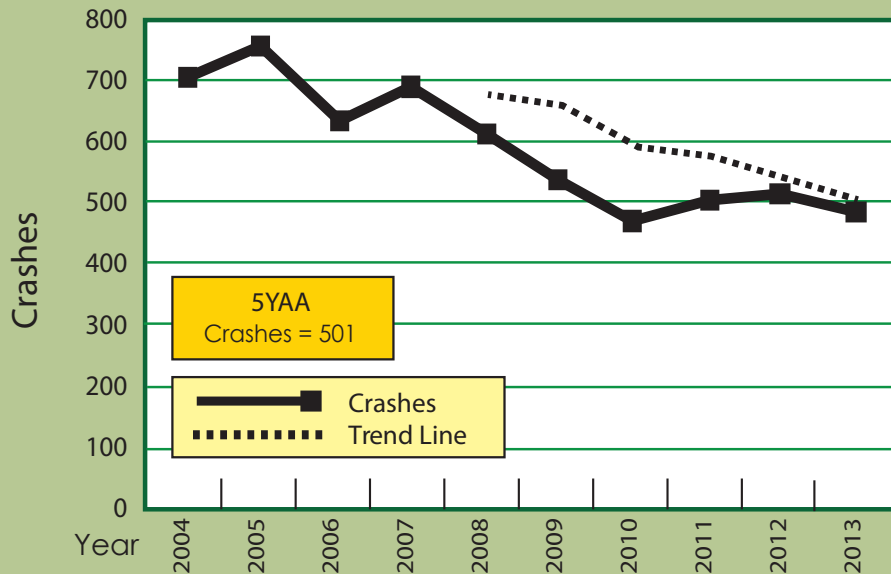




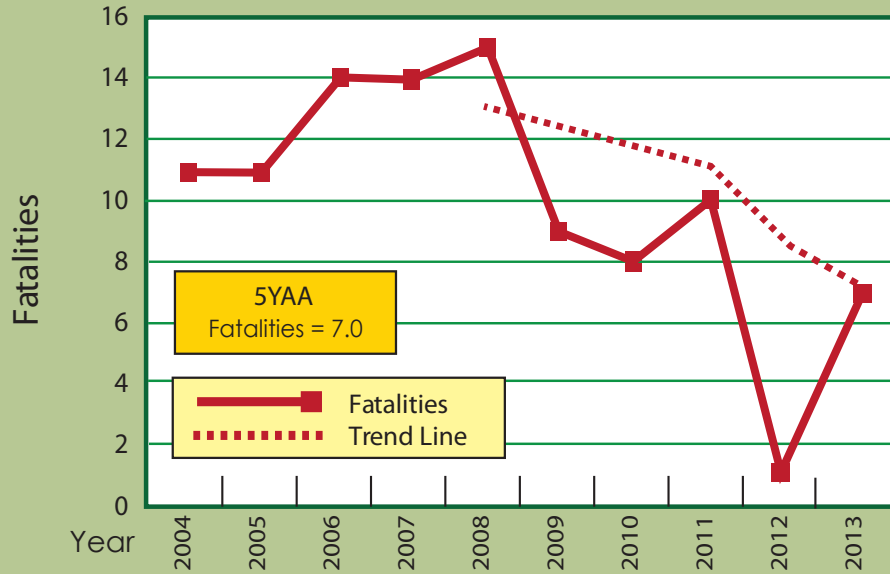




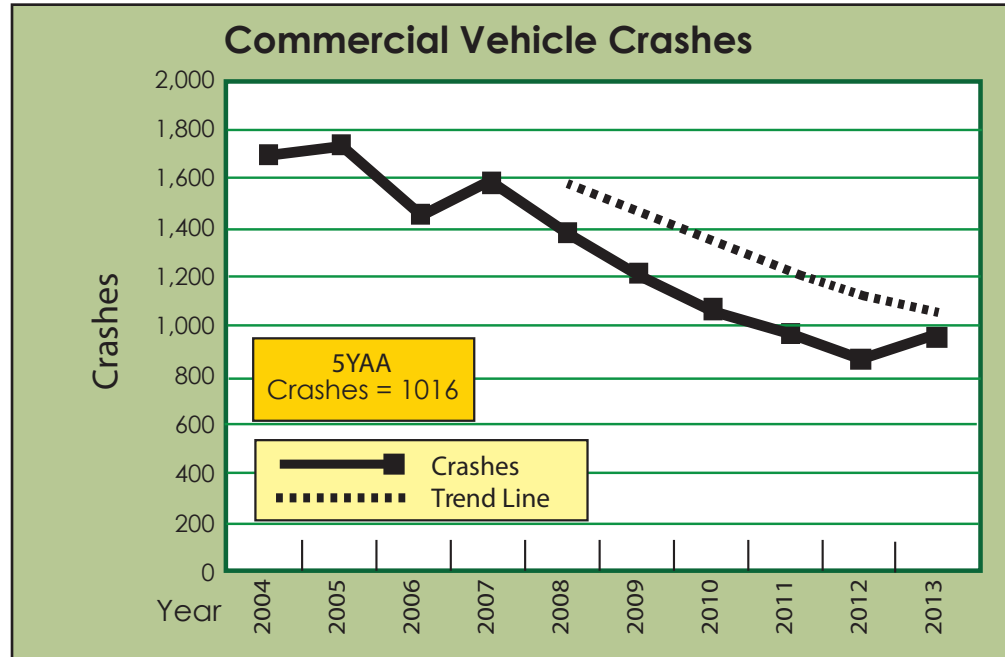
Maine Truck Crashes - Units with 5 Axles or More

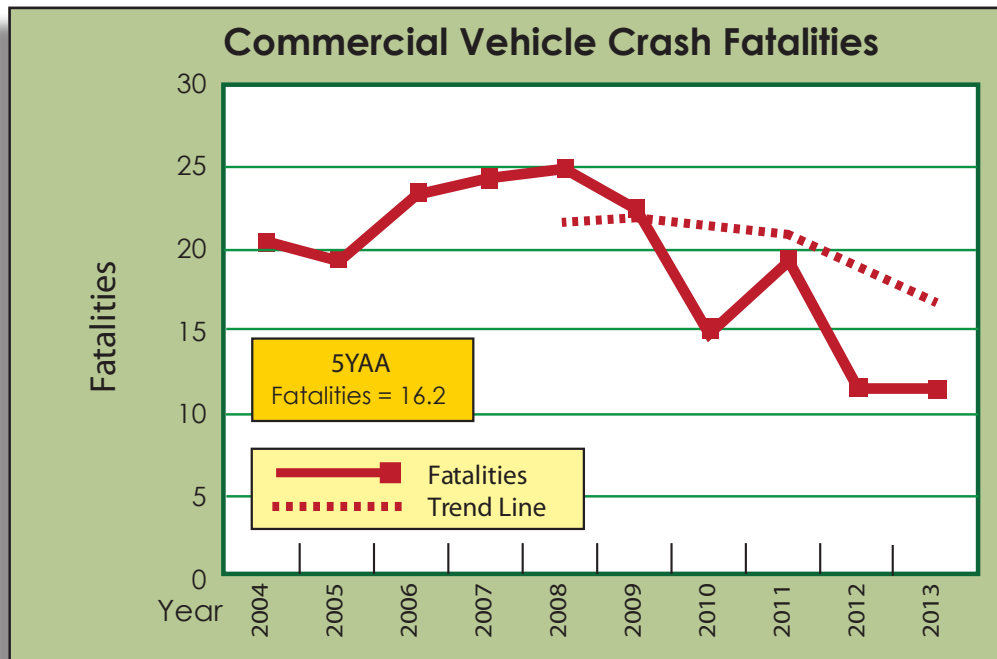


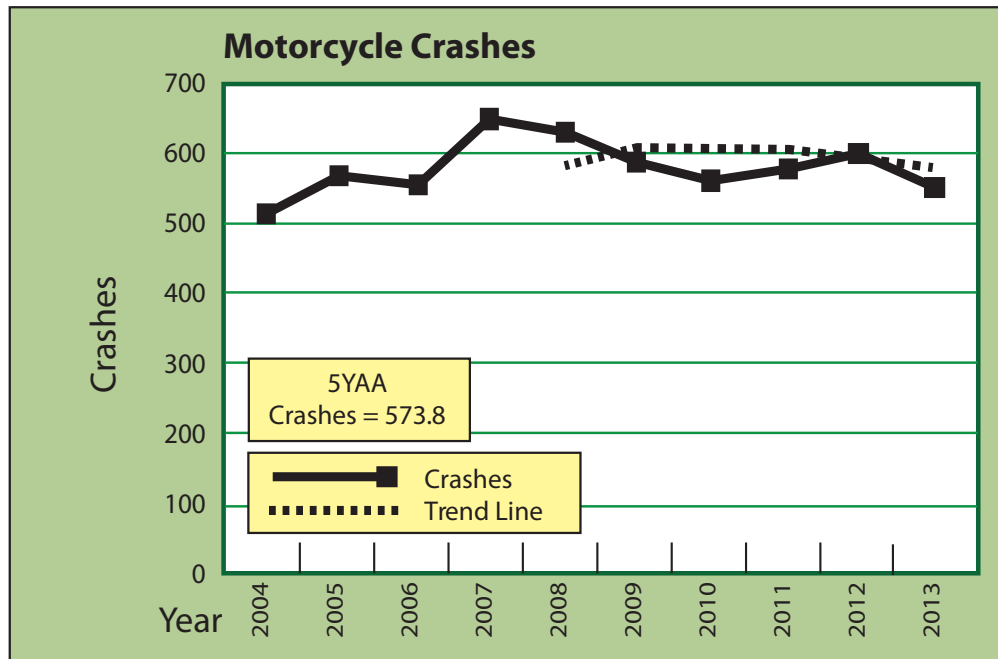
Maine Truck Crash Fatalities-Units with 5 Axles or More

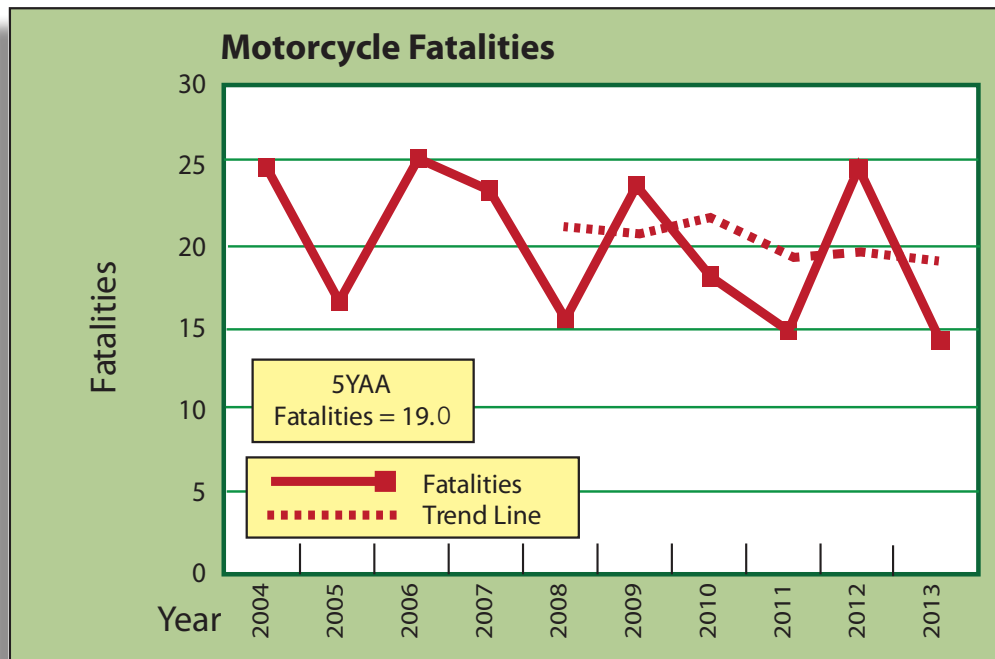


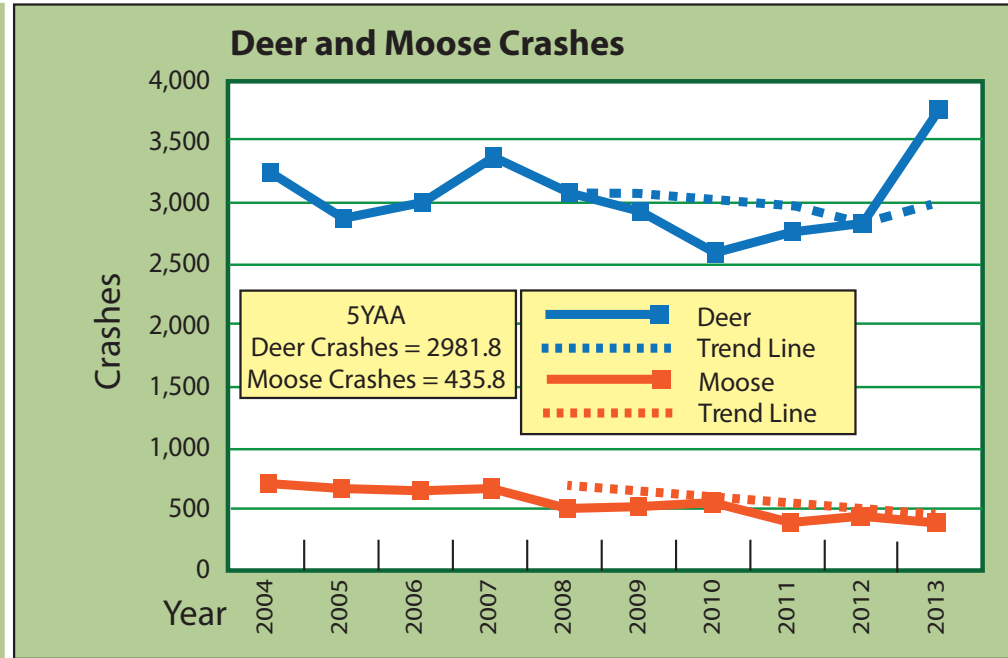
Commercial Vehicle definition: Commercial Vehicle includes large trucks and buses with seating capacity of 15 or more including the driver.

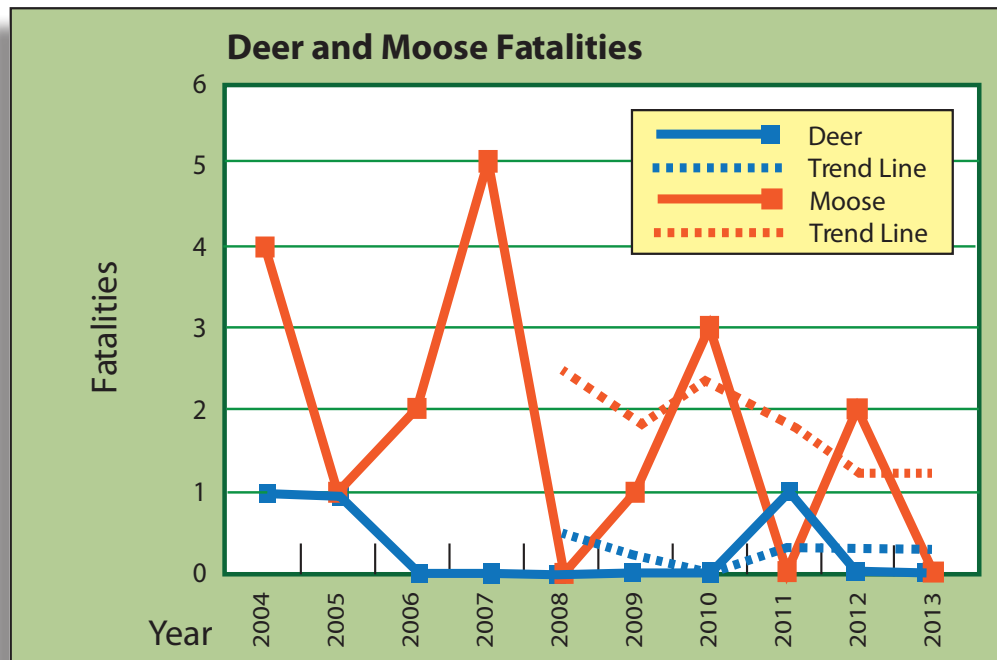


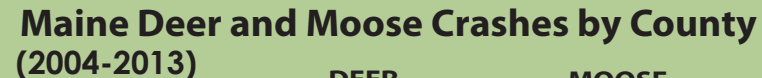




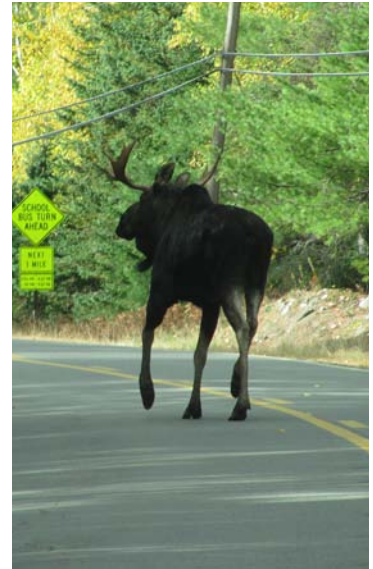
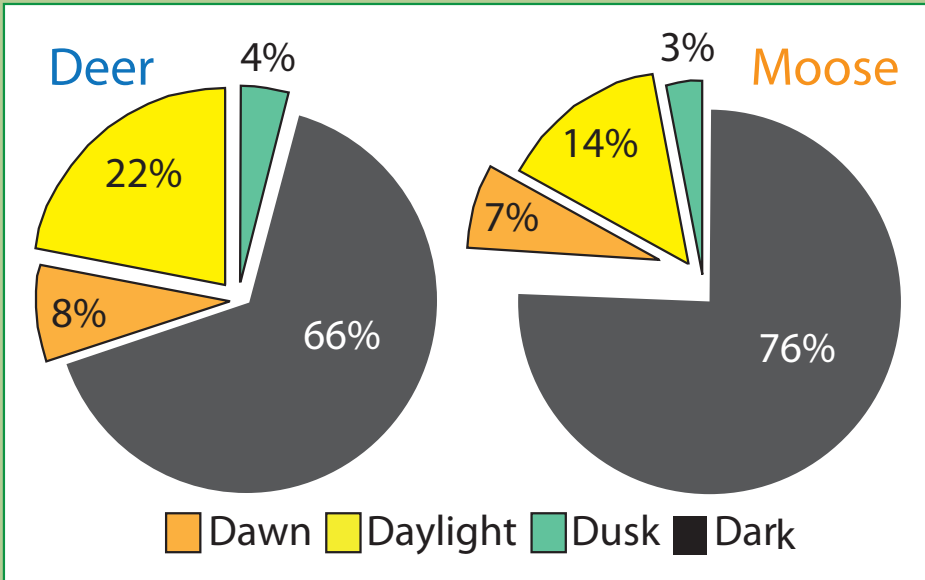


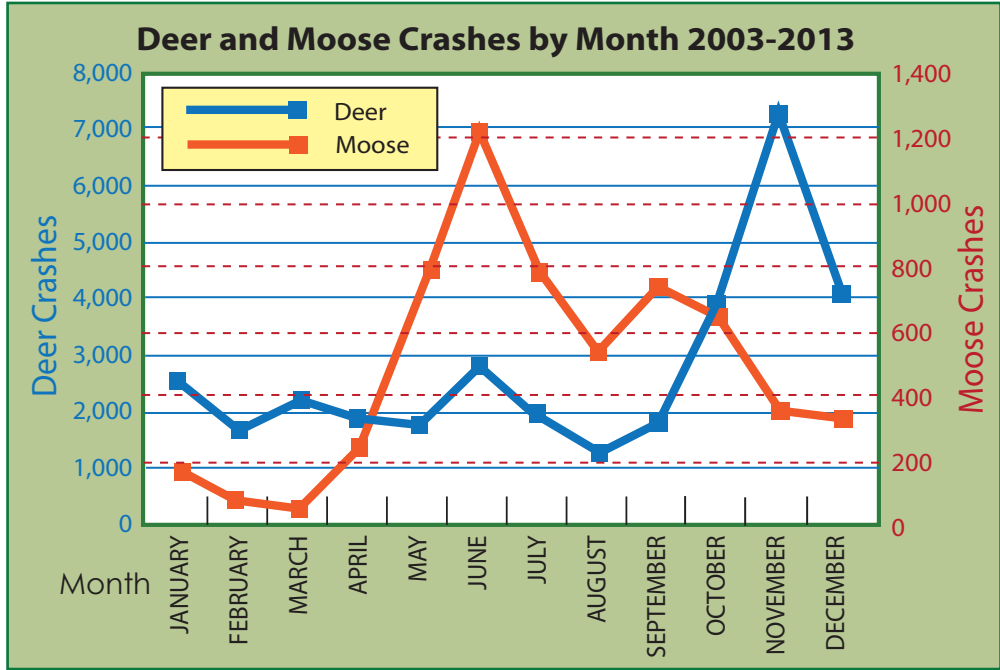




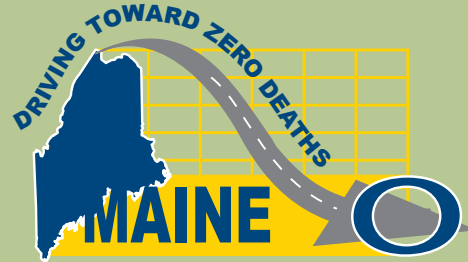
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Deer and Moose Crashes by Light Conditions





2014 Maine Highway Safety Facts



Questions that are answered in this publication

- What is the TOTAL number of crashes annually?
- Which crash TYPE is most frequent?
- Are crashes increasing, decreasing or staying the same?
- What is the average TOTAL number of fatalities in a year?
- What crash type results in the most SERIOUS INJURIES?
and more...

2014 Maine Highway Safety Facts

