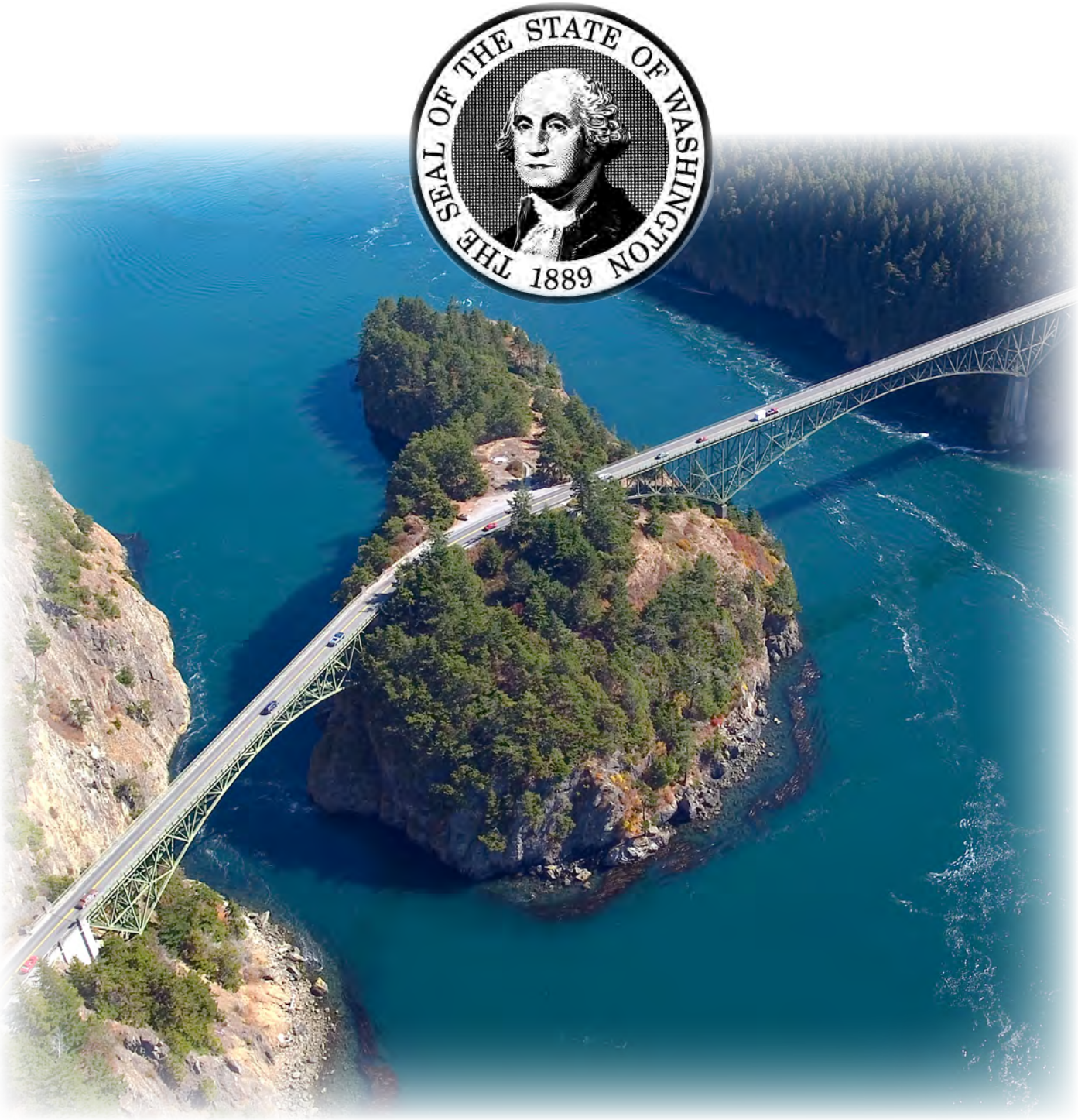
2013 Annual Collision Summary



WASHINGTON STATE DEPARTMENT OF LICENSING

WASHINGTON Traffic Safety COMMISSION

Washington State Department of Transportation

WASHINGTON STATE PATROL WSP

Office of Financial Management STATE OF WASHINGTON

WASHINGTON COURTS

Washington State Department of Health

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INTRODUCTION

The Revised Code of Washington (RCW) 46.52.030 requires that a standard Police Traffic Collision Report (PTCR) be submitted when an injury or death occurs to any person, or there is damage to the property of any person to an apparent extent of seven hundred dollars or more. RCW 46.52.060 further prescribes that this information be tabulated and reported annually. The annual collision summary meets this requirement.

The annual collision summary is a collaborative effort between several traffic safety agencies. The Washington State Department of Transportation's (WSDOT) Transportation Data and GIS Office (TDGO), by contractual agreement with the Washington State Patrol (WSP), is responsible for collecting, processing, analyzing and disseminating collision data pertaining to all public roadways in Washington State. Information on these crashes is stored in the Collision Location and Analysis System (CLAS). The Washington Traffic Safety Commission (WTSC) is responsible for coding and analyzing all traffic fatalities that occur in Washington State as part of the federal Fatality Analysis Reporting System (FARS).

The source data used for collision information contained in this summary originates from collision reports submitted by law enforcement officers to WSP. WSP shares this information with WSDOT and WTSC for the CLAS and FARS databases. This report covers police officer reported collisions on all public roadways in Washington State for the year 2013. Other agencies contributing to this summary include WSP, the Department of Licensing (DOL), the Office of Financial Management (OFM), the Administrative Office of the Courts (AOC) and the Department of Health (DOH). This report reflects a snapshot of available 2013 data as of January 2015.

WSDOT provides data in this report with the understanding that it will not be used, contrary to the restrictions in United States Code 23 Section 409, in discovery or as evidence at trial in any action for damages against WSDOT, the State of Washington, or any other jurisdiction involved in the locations mentioned in the data. These entities expressly reserve the right, under Section 409, to object to the use of the data, including any opinions drawn from the data.

Contact Information:

AOC – *Data and Dissemination* 360-753-3365
DOH - *Washington State Trauma Registry* 360-236-2806
DOL – *Research and Analysis Office* 360-902-4082
OFM – *Forecasting Division* 360-902-0599
WSDOT - *Crash Data and Reporting* 360-570-2398
WSP – *Collision Records Section* 360-570-2355
WTSC – *Research and Data Division* 360-725-9874

Collision Clock

2013 Collision Clock

- A crash occurred every 5 minutes.
- A person died in a crash every 20 hours.
- A person was injured in a crash every 12 minutes.
- A motorcyclist was in a crash every 4 hours.
- A pedestrian or bicyclist was involved in a crash almost every 3 hours.
- A pedestrian or bicyclist was killed in a crash every 6 days.
- A speeding driver is involved in a crash every 30 minutes.
- An inattentive/distracted driver is involved in a crash every 15 minutes.
- A person is killed by an impaired driver every 2 days.

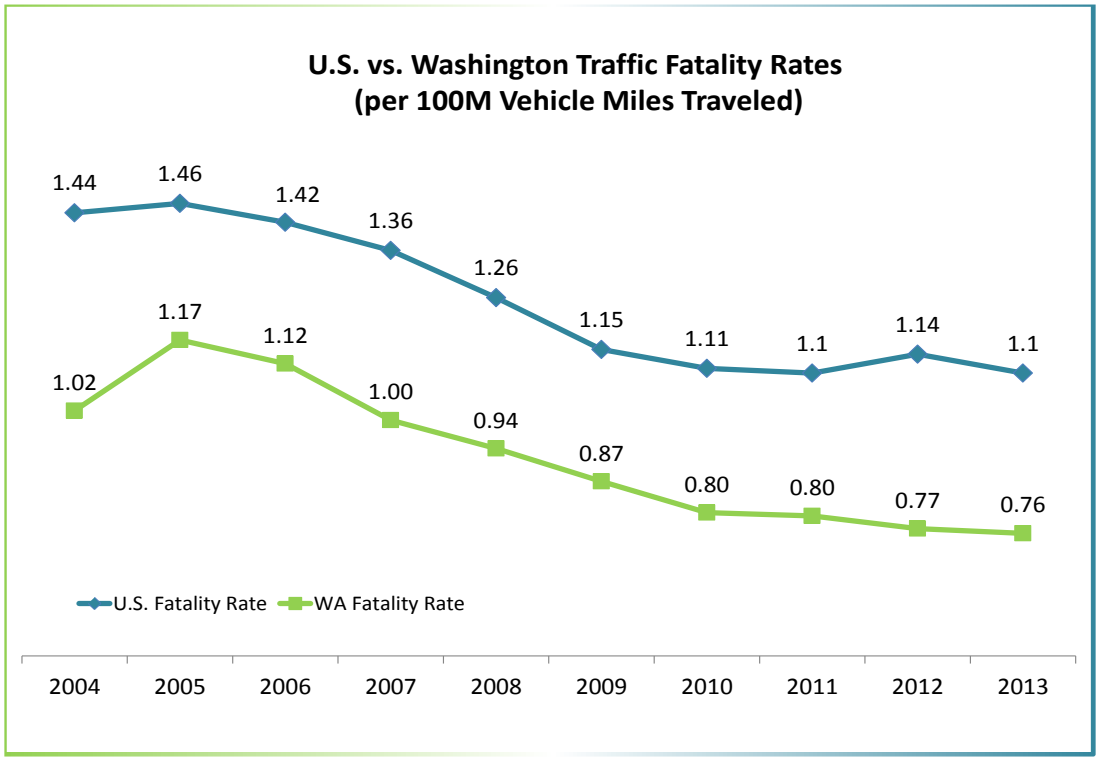
In 2013, Washington had:

- 5,211,033 Licensed Drivers
- 6,156,835 Registered Passenger Vehicles
- 57.2 billion Vehicle Miles traveled
- 440,780 Speeding citations filed with Washington State Courts
- 39,478 Cell phone and texting citations filed with Washington State Courts
- 31,724 DUI and/or Physical Control of the Vehicle while under the Influence of Alcohol and/or Drugs cases filed with Washington State Courts

On Washington roadways in 2013:

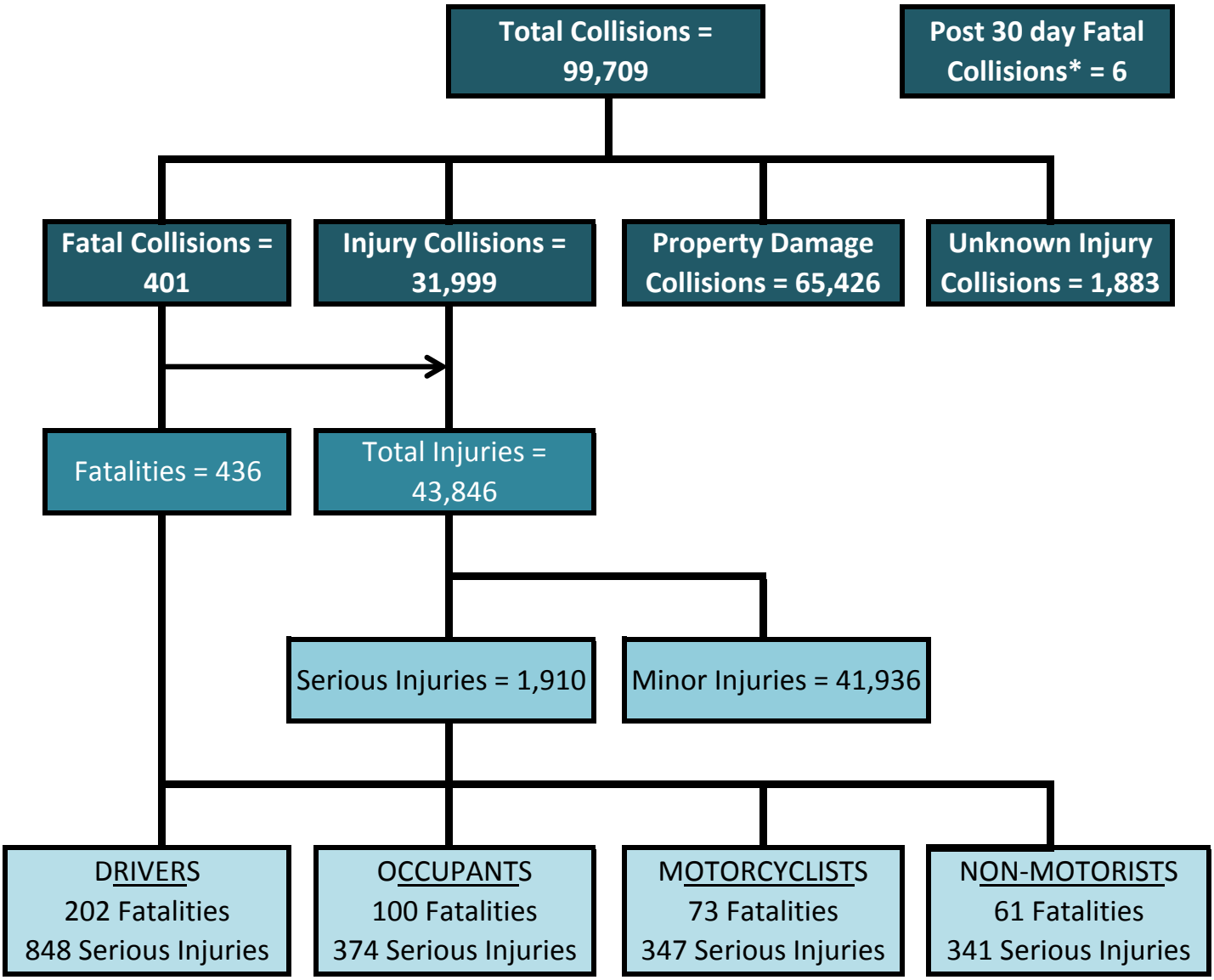
- The highest number of crashes occurred on Saturdays.
- The least number of crashes occurred on Mondays.
- The most crashes occurred from 5:00 p.m. – 5:59 p.m.
- The least amount of crashes occurred from 4:00 a.m. - 4:59 a.m.
- The most crashes occurred in November (315 per day).
- The least amount of crashes occurred in February (237 per day).
- Half of all traffic fatalities involved an impaired driver.
- Inattention/distraction was the most frequent contributing circumstance among all collisions.

Source: CLAS (WSDOT), FARS (WTSC), DOL and AOC. See Appendix A for more information.



Source: CLAS (WSDOT) and FARS (WTSC). See Appendix A and B for more information.

Collision Diagram Tree



Source: CLAS (WSDOT) and FARS (WTSC). See Appendix A for more information.
*See Appendix B for more information.

In 2013, there were 99,709 total collisions, The diagram shows the different outcomes of these collisions, including number of injuries and the persons who were killed or injured.

Washington State's Strategic Highway Safety Plan, Target Zero®, is a data-driven approach to prioritizing limited traffic safety resources. Target Zero is a high-level plan which:

- Sets statewide priorities for all traffic safety partners over the next three to four years.
- Provides a resource for potential strategies to address each of the priority areas.
- Monitors outcomes at a statewide level for each of the priority areas.

Priority Level One includes factors associated with the largest number of fatalities and serious injuries in the State. Each of these factors was involved in at least 30% of traffic fatalities and serious injuries between 2009 and 2011. Traffic data systems was elevated to a priority one due to the need for improving the data we use to make resource decisions.

- Impaired Driver Involved
- Run-off-the-Road Collisions
- Speeding Involved
- Young Driver age 16-25 Involved
- Distracted Driver Involved
- Intersection Related Collisions
- Traffic Data Systems

Priority Level Two includes factors associated with 10-30% of fatal and serious injury collisions. Emergency Medical Services (EMS) is included here due to the significant impact effective EMS response has on preserving life and minimizing injury.

- Unrestrained Vehicle Occupants
- Unlicensed Driver Involved
- Opposite-Direction (Head-on) Collisions
- Motorcyclists
- Pedestrians
- EMS and Trauma Care Systems

Priority Level Three includes factors associated with less than 10% of fatalities and serious injuries.

- Older Driver age 75+ Involved
- Heavy Truck Involved
- Drowsy Driver Involved
- Bicyclists
- Work Zones
- Wildlife
- School Bus Involved
- Vehicle-Train

For more information on Washington's Strategic Highway Safety Plan, Target Zero, please visit http://www.targetzero.com/

Statewide Collisions: Road Type and County

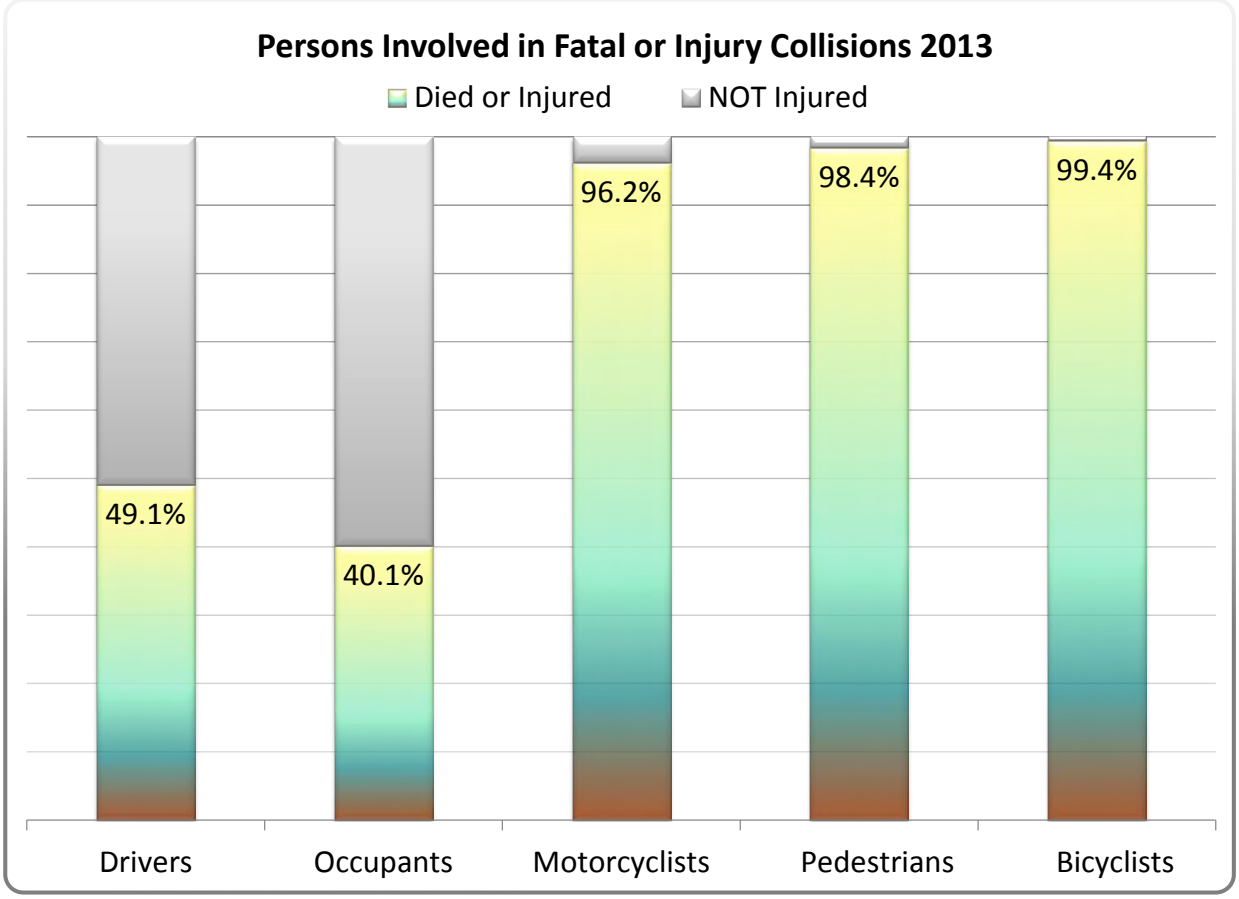
		MOST SEVERE INJURY per COLLISION				
	TOTAL COLLISIONS	FATAL COLLISIONS	SERIOUS INJURY COLLISIONS	MINOR INJURY COLLISIONS	PROPERTY DAMAGE ONLY COLLISIONS	UNKNOWN INJURY COLLISIONS
STATEWIDE ALL ROADS	**99,709**	401	1,601	30,398	65,426	1,883
State Routes	**43,759**	180	618	13,057	29,443	461
City Streets	**42,831**	97	594	12,958	28,325	857
County Roads	**12,768**	120	364	4,287	7,447	550
Other Roads	**351**	4	25	96	211	15
All Roads by COUNTY						
Adams	**378**	5	11	113	242	7
Asotin	**216**	0	4	53	143	16
Benton	**2,369**	8	27	666	1,636	32
Chelan	**1,122**	7	13	357	729	16
Clallam	**805**	6	17	250	512	20
Clark	**3,947**	18	92	1,352	2,396	89
Columbia	**64**	0	2	21	41	0
Cowlitz	**1,440**	14	29	411	961	25
Douglas	**447**	2	9	143	286	7
Ferry	**102**	4	5	24	59	10
Franklin	**964**	6	13	285	646	14
Garfield	**50**	0	3	10	37	0
Grant	**1,303**	17	26	371	852	37
Grays Harbor	**860**	7	19	213	596	25
Island	**607**	6	11	177	399	14
Jefferson	**330**	3	13	102	202	10
King	**34,587**	77	456	10,731	22,854	469
Kitsap	**2,695**	7	46	829	1,760	53
Kittitas	**1,072**	3	21	271	760	17
Klickitat	**262**	6	7	69	175	5
Lewis	**1,176**	4	34	328	783	27
Lincoln	**171**	1	2	59	107	2
Mason	**691**	10	27	233	397	24
Okanogan	**461**	6	12	122	302	19
Pacific	**255**	3	9	68	161	14
Pend Oreille	**170**	5	6	54	102	3
Pierce	**11,192**	39	185	3,385	7,342	241
San Juan	**75**	0	3	27	44	1
Skagit	**1,943**	9	34	538	1,331	31
Skamania	**124**	0	6	42	71	5
Snohomish	**11,806**	30	143	3,376	8,014	243
Spokane	**5,989**	32	97	2,214	3,517	129
Stevens	**443**	6	15	110	302	10
Thurston	**3,837**	13	52	1,236	2,482	54
Wahkiakum	**43**	0	1	14	27	1
Walla Walla	**864**	4	15	203	602	40
Whatcom	**2,659**	16	47	731	1,802	63
Whitman	**636**	4	13	153	457	9
Yakima	**3,554**	23	76	1,057	2,297	101

Source: CLAS (WSDOT) and FARS (WTSC). See Appendix A and B for more information.

Persons Involved in Fatal and Injury Collisions

	Total Persons Involved in Fatal/Injury Collisions	Total Fatalities	Total Serious Injuries	Total Minor Injuries
Drivers	**58,092**	202	848	27,491
Occupants	**27,037**	100	374	10,378
Motorcyclists	**1,934**	73	347	1,441
Non-Motorists	**3,065**	61	341	2,626
Pedestrians	1,783	50	259	1,445
Bicyclists	1,282	11	82	1,181
TOTAL	**90,128**	436	1,910	41,936

Source: CLAS (WSDOT) and FARS (WTSC). See Appendix A for more information.



Source: CLAS (WSDOT) and FARS (WTSC). See Appendix A for more informaton.

Among all persons involved in fatal or injury collisions, motorcyclists, pedestrians and bicyclists are much more likely to be the person killed or injured than drivers or occupants of motor vehicles.

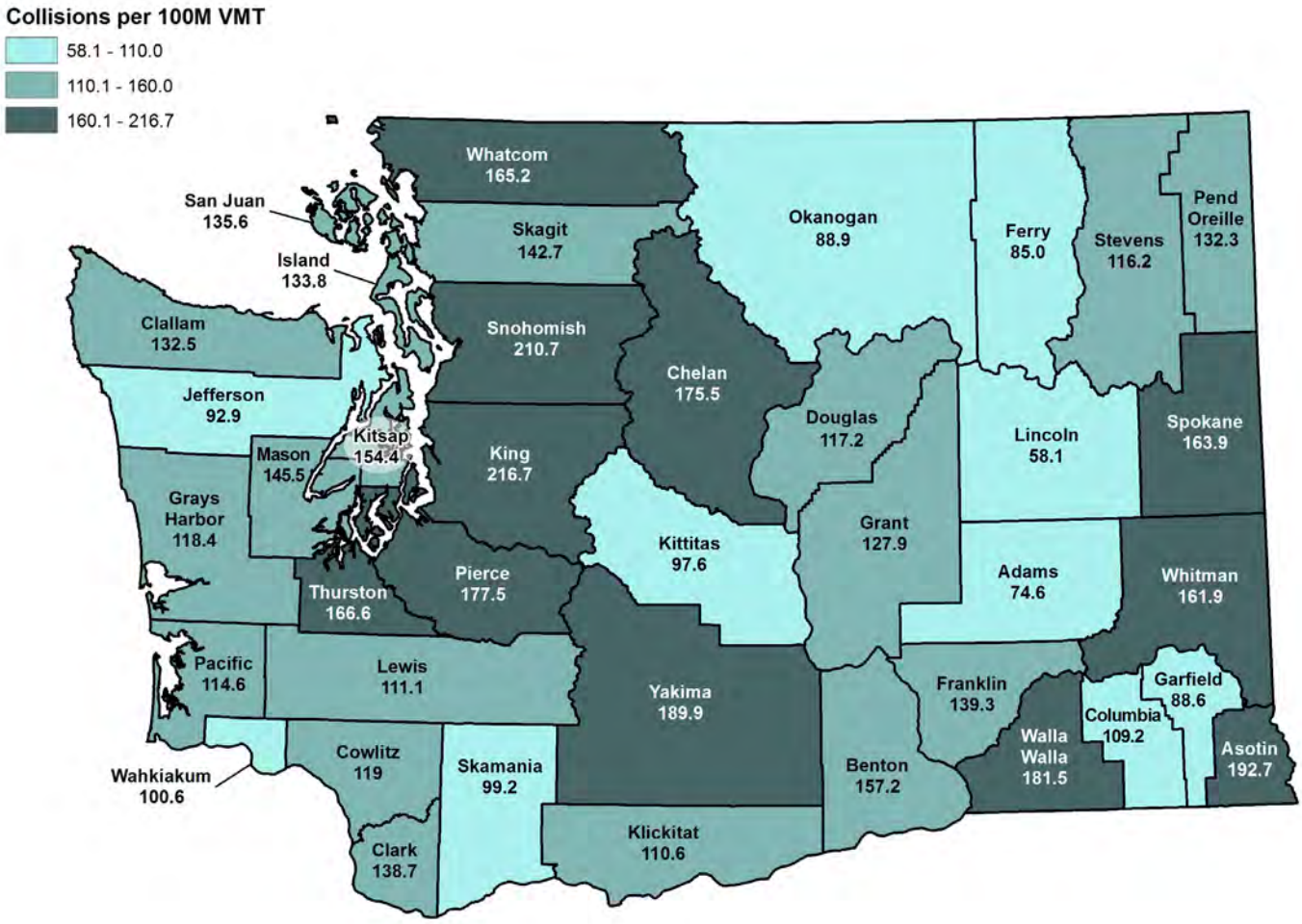
Statewide Collision Rates by County

	Total Collisions	Collision Rate per 100 Million Vehicle Miles Traveled (100M VMT)	Collision Rate per 10,000 Licensed Drivers	Collision Rate per 10,000 Registered Passenger Vehicles
STATEWIDE ALL ROADS	**99,709**	174.3	191.3	161.9
All Roads by COUNTY				
Adams	**378**	74.6	264.3	209.3
Asotin	**216**	192.7	133.4	106.5
Benton	**2,369**	157.2	173.1	137.4
Chelan	**1,122**	175.5	192.2	145.2
Clallam	**805**	132.5	139.4	109.5
Clark	**3,947**	138.7	114.7	105.9
Columbia	**64**	109.2	209.0	145.7
Cowlitz	**1,440**	119.0	182.5	144.4
Douglas	**447**	117.2	155.7	116.2
Ferry	**102**	85.0	187.1	121.1
Franklin	**964**	139.3	166.6	129.3
Garfield	**50**	88.6	268.2	199.2
Grant	**1,303**	127.9	201.7	145.7
Grays Harbor	**860**	118.4	161.3	128.3
Island	**607**	133.8	99.1	72.0
Jefferson	**330**	92.9	123.8	95.6
King	**34,587**	216.7	213.3	212.6
Kitsap	**2,695**	154.4	146.1	114.7
Kittitas	**1,072**	97.6	359.4	248.3
Klickitat	**262**	110.6	143.1	109.9
Lewis	**1,176**	111.1	189.0	140.6
Lincoln	**171**	58.1	193.5	131.8
Mason	**691**	145.5	157.1	108.2
Okanogan	**461**	88.9	143.1	100.1
Pacific	**255**	114.6	147.2	110.3
Pend Oreille	**170**	132.3	175.9	107.4
Pierce	**11,192**	177.5	198.0	163.8
San Juan	**75**	135.6	52.6	37.0
Skagit	**1,943**	142.7	210.4	156.1
Skamania	**124**	99.2	151.0	97.5
Snohomish	**11,806**	210.7	226.6	181.9
Spokane	**5,989**	163.9	174.7	149.4
Stevens	**443**	116.2	143.1	84.3
Thurston	**3,837**	166.6	197.5	154.8
Wahkiakum	**43**	100.6	144.2	90.9
Walla Walla	**864**	181.5	197.8	167.7
Whatcom	**2,659**	165.2	172.6	139.2
Whitman	**636**	161.9	222.4	198.6
Yakima	**3,554**	189.9	203.7	157.6

Source: CLAS (WSDOT), FARS (WTSC) and DOL. See Appendix A for additional statistics used to determine these rates.

Statewide Collision Rates by County

(per 100 Million Vehicle Miles Traveled)



Source: CLAS (WSDOT) and FARS (WTSC). See Appendix A for more information.

- Ten counties had collision rates under 110 per 100M VMT.
- Eleven counties had collision rates over 160 per 100M VMT.
- Lincoln County had the lowest overall collision rate (58.1 per 100M VMT).
- King County had the highest overall collision rate (216.7 per 100M VMT).

Fatal and Serious Injury Rates by County

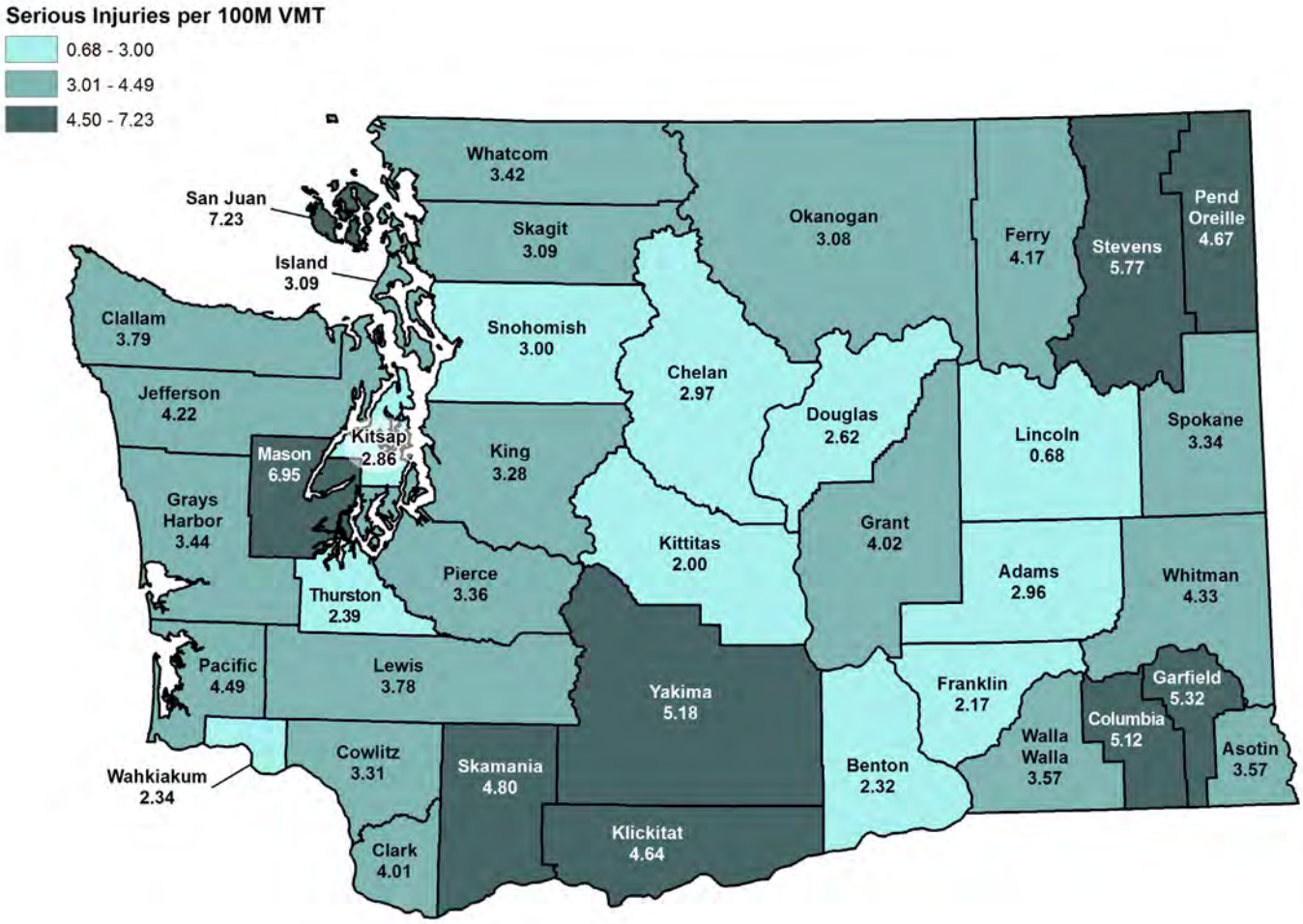
	Total Fatalities	Fatality Rate per 100M VMT	Fatality Rate per 10,000 Licensed Drivers	Fatality Rate per 10,000 Population	Total Serious Injuries	Serious Injury Rate per 100M VMT	Serious Injury Rate per 10,000 Licensed Drivers	Serious Injury Rate per 10,000 Population
STATEWIDE ALL ROADS	**436**	0.76	0.84	0.63	**1,910**	3.34	3.67	2.78
Fatalities & Serious Injuries by COUNTY								
Adams*	**5**	0.99	3.50	2.60	**15**	2.96	10.49	7.81
Asotin*	**0**	0.00	0.00	0.00	**4**	3.57	2.47	1.83
Benton	**8**	0.53	0.58	0.44	**35**	2.32	2.56	1.91
Chelan	**7**	1.09	1.20	0.95	**19**	2.97	3.26	2.58
Clallam	**6**	0.99	1.04	0.83	**23**	3.79	3.98	3.18
Clark	**18**	0.63	0.52	0.41	**114**	4.01	3.31	2.62
Columbia*	**0**	0.00	0.00	0.00	**3**	5.12	9.80	7.32
Cowlitz	**14**	1.16	1.77	1.36	**40**	3.31	5.07	3.87
Douglas*	**2**	0.52	0.70	0.51	**10**	2.62	3.48	2.55
Ferry*	**4**	3.33	7.34	5.23	**5**	4.17	9.17	6.54
Franklin	**6**	0.87	1.04	0.71	**15**	2.17	2.59	1.77
Garfield*	**0**	0.00	0.00	0.00	**3**	5.32	16.09	13.33
Grant	**17**	1.67	2.63	1.85	**41**	4.02	6.35	4.47
Grays Harbor	**7**	0.96	1.31	0.96	**25**	3.44	4.69	3.42
Island	**6**	1.32	0.98	0.75	**14**	3.09	2.29	1.76
Jefferson*	**3**	0.84	1.13	0.99	**15**	4.22	5.63	4.95
King	**77**	0.48	0.47	0.39	**524**	3.28	3.23	2.64
Kitsap	**7**	0.40	0.38	0.28	**50**	2.86	2.71	1.97
Kittitas*	**3**	0.27	1.01	0.72	**22**	2.00	7.37	5.25
Klickitat	**6**	2.53	3.28	2.90	**11**	4.64	6.01	5.31
Lewis*	**4**	0.38	0.64	0.52	**40**	3.78	6.43	5.25
Lincoln*	**1**	0.34	1.13	0.94	**2**	0.68	2.26	1.87
Mason	**10**	2.11	2.27	1.62	**33**	6.95	7.50	5.34
Okanogan	**6**	1.16	1.86	1.45	**16**	3.08	4.97	3.86
Pacific*	**3**	1.35	1.73	1.43	**10**	4.49	5.77	4.76
Pend Oreille*	**5**	3.89	5.17	3.80	**6**	4.67	6.21	4.56
Pierce	**39**	0.62	0.69	0.48	**212**	3.36	3.75	2.60
San Juan*	**0**	0.00	0.00	0.00	**4**	7.23	2.81	2.50
Skagit	**9**	0.66	0.97	0.76	**42**	3.09	4.55	3.54
Skamania	**0**	0.00	0.00	0.00	**6**	4.80	7.31	5.31
Snohomish	**30**	0.54	0.58	0.41	**168**	3.00	3.22	2.30
Spokane	**32**	0.88	0.93	0.67	**122**	3.34	3.56	2.54
Stevens	**6**	1.57	1.94	1.37	**22**	5.77	7.10	5.02
Thurston	**13**	0.56	0.67	0.50	**55**	2.39	2.83	2.11
Wahkiakum*	**0**	0.00	0.00	0.00	**1**	2.34	3.35	2.49
Walla Walla*	**4**	0.84	0.92	0.67	**17**	3.57	3.89	2.86
Whatcom	**16**	0.99	1.04	0.78	**55**	3.42	3.57	2.67
Whitman*	**4**	1.02	1.40	0.87	**17**	4.33	5.94	3.70
Yakima	**23**	1.23	1.32	0.93	**97**	5.18	5.56	3.92

*Rates based on total fatalities or serious injuries of 5 or less should be interpreted with caution. See Appendix B for further rate information.

Source: CLAS (WSDOT), FARS (WTSC), OFM and DOL. See Appendix A for additional statistics used to determine these rates.

Serious Injury Rates by County

(per 100 Million Vehicle Miles Traveled)

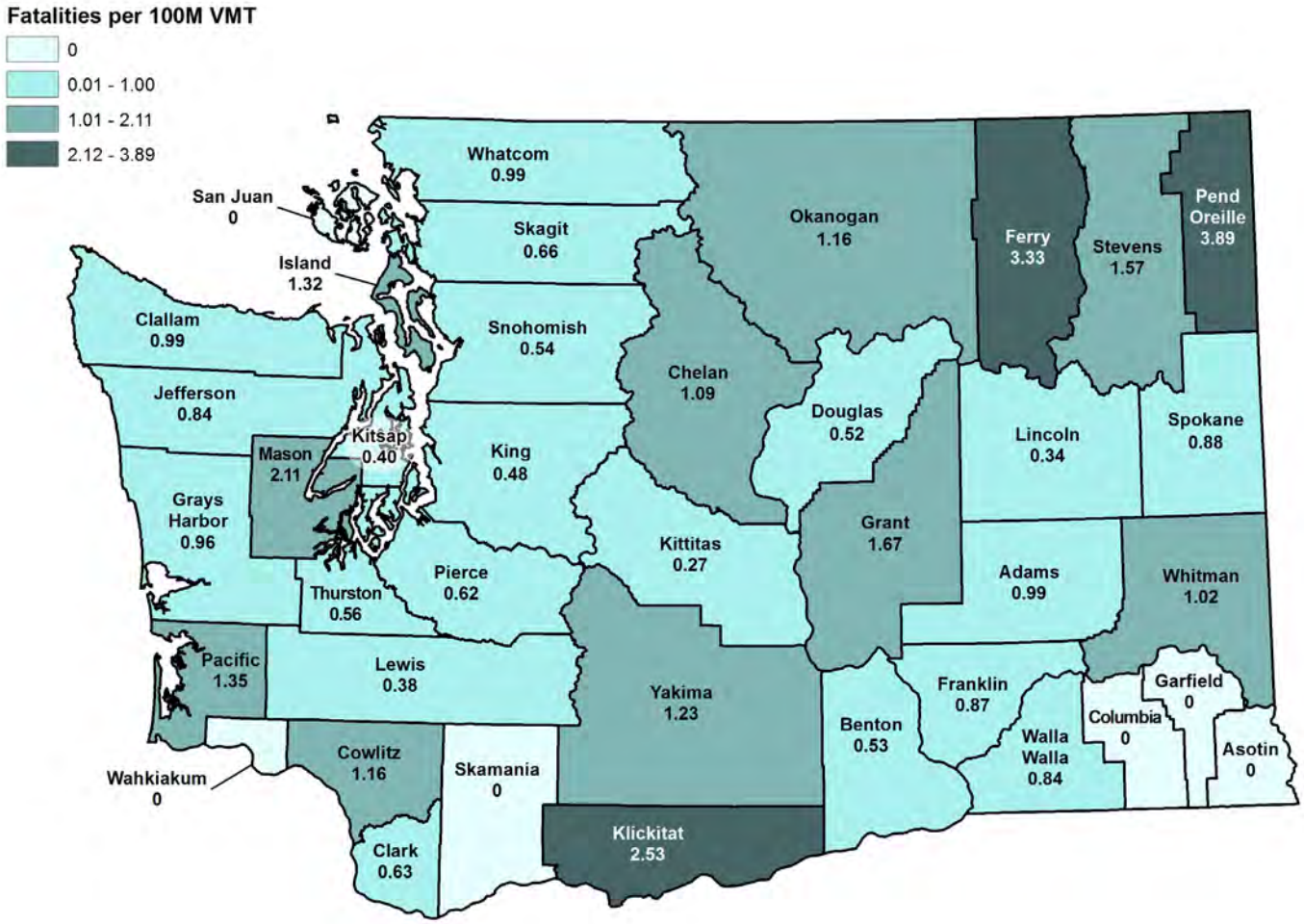


Source: CLAS (WSDOT) and FARS (WTSC). See Appendix A for more information.

- Eleven counties had serious injury rates under 3 per 100M VMT.
- Nine counties had serious injury rates over 4.5 per 100M VMT.
- Lincoln County had the lowest serious injury rate (0.68 per 100M VMT).
- San Juan County had the highest serious injury rate (7.23 per 100M VMT).

Fatal Injury Rates by County

Fatal Injury Rates by County
(per 100 Million Vehicle Miles Traveled)



Source: CLAS (WSDOT) and FARS (WTSC). See Appendix A for more information.

- Asotin, Columbia, Garfield, San Juan, Skamania and Wahkiakum Counties experienced ZERO traffic fatalities!
- Twenty counties had fatality rates less than 1 per 100M VMT.
- Pend Oreille had the highest fatality rate (3.89 per 100M VMT).
- Three counties had fatality rates over 2.5 per 100M VMT.

Federal Holiday Reporting Periods

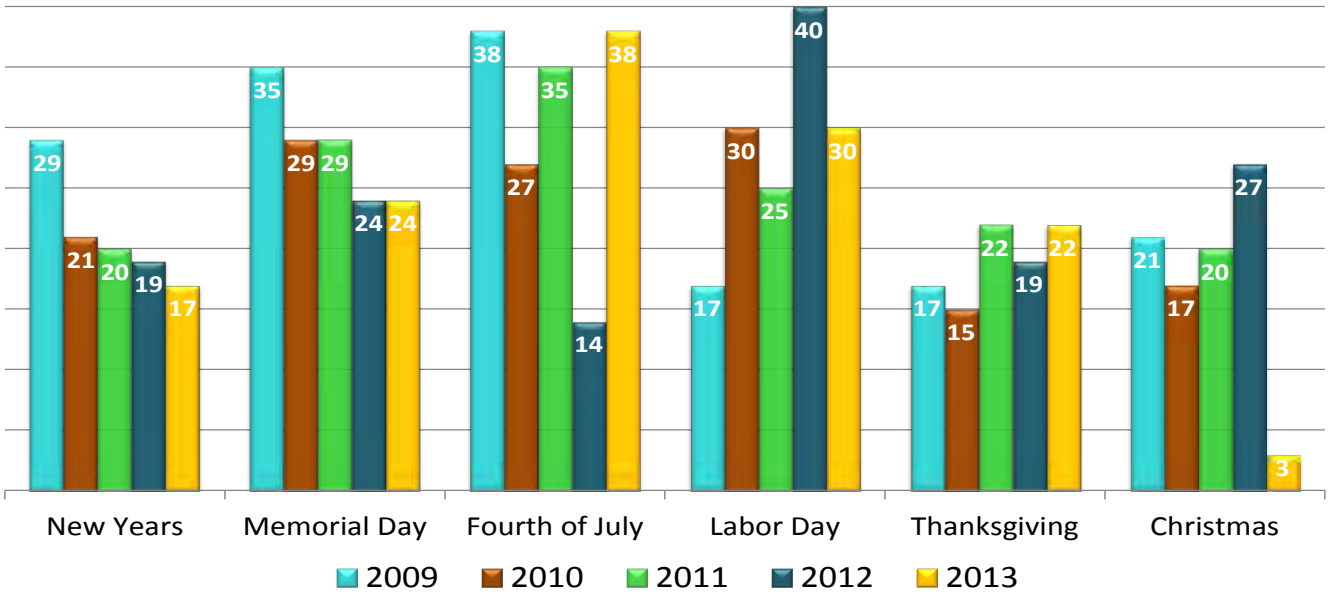
	TOTAL COLLISIONS	FATAL COLLISIONS	SERIOUS INJURY COLLISIONS	MINOR INJURY COLLISIONS	PROPERTY DAMAGE ONLY COLLISIONS	UNKNOWN INJURY COLLISIONS
New Years	**1,020**	2	15	271	697	35
Memorial Day	**750**	11	13	216	490	20
Fourth of July	**923**	7	31	315	557	13
Labor Day	**680**	4	26	229	405	16
Thanksgiving	**1,140**	3	19	337	743	38
Christmas	**191**	1	2	60	124	4

Source: CLAS (WSDOT) and FARS (WTSC). See Appendix A for more information.

2013 Holiday Reporting Definitions

New Years	*4.5 days - 6:00 PM Fri. 12/28/2012 to 5:59 AM Wed. 1/2/2013*
Memorial Day	*3.5 days - 6:00 PM Fri. 5/24/2013 to 5:59 AM Tue. 5/28/2013*
Fourth of July	*4.5 days - 6:00 PM Wed. 7/3/2013 to 5:59 AM Mon. 7/8/13*
Labor Day	*3.5 days - 6:00 PM Fri. 8/30/2013 to 5:59 AM Tue. 9/3/2013*
Thanksgiving	*4.5 days - 6:00 PM Wed 11/27/2013 to 5:59 AM Mon. 12/2/2013*
Christmas	*1.5 days - 6:00 PM Tue. 12/24/2013 to 5:59 AM Thu. 12/26/2013*

Total Fatal and Serious Injury Collisions During Holiday Periods 2009-2013



In 2013, Washington experienced the highest number of holiday fatal and serious injury crashes during the Fourth of July and Labor Day holiday periods. There were only three fatal or serious collisions that occurred during the Christmas holiday reporting period, however since the holiday occurred on a Wednesday, the reporting period was only 1.5 days.

Source: CLAS (WSDOT) and FARS (WTSC). See Appendix A for more information.

PERSONS INVOLVED IN COLLISIONS

Age and Gender of Drivers Involved in Collisions

	DRIVERS	Total Involved Drivers	Drivers in Fatal Collisions	Drivers in Serious Injury Collisions	Drivers in Minor Injury Collisions	Drivers in Property Damage Only Collisions	Drivers in Unknown Injury Collisions
MALES	**Total Males**	**96,080**	**442**	**1,552**	**30,228**	**63,147**	**711**
	15 & Younger	**144**	2	7	34	101	0
	16 - 17	**3,167**	16	37	902	2,187	25
	18 - 20	**7,876**	34	121	2,338	5,325	58
	21 - 24	**10,616**	49	171	3,216	7,085	95
	25 - 34	**20,628**	78	313	6,418	13,650	169
	35 - 44	**16,385**	67	239	5,147	10,824	108
	45 - 54	**15,628**	84	277	5,092	10,104	71
	55 - 64	**11,945**	62	225	3,886	7,710	62
	65 - 74	**5,891**	26	111	1,992	3,731	31
	75 & Older	**3,057**	23	42	1,001	1,971	20
	Unknown Age	**743**	1	9	202	459	72
FEMALES	**Total Females**	**71,479**	**143**	**760**	**24,756**	**45,417**	**403**
	15 & Younger	**120**	0	7	41	72	0
	16 - 17	**3,075**	4	20	987	2,043	21
	18 - 20	**6,351**	14	65	2,035	4,205	32
	21 - 24	**8,204**	13	76	2,717	5,355	43
	25 - 34	**15,653**	31	148	5,397	9,989	88
	35 - 44	**12,032**	18	112	4,280	7,556	66
	45 - 54	**10,758**	22	145	3,928	6,602	61
	55 - 64	**8,374**	17	90	2,989	5,241	37
	65 - 74	**4,256**	9	55	1,494	2,681	17
	75 & Older	**2,340**	15	41	780	1,487	17
	Unknown Age	**316**	0	1	108	186	21
UNKNOWN	**Total Unknown**	**10,415**	**7**	**84**	**1,892**	**7,332**	**1,100**
	15 & Younger	**9**	0	0	4	5	0
	16 - 17	**48**	0	0	11	36	1
	18 - 20	**110**	0	2	41	66	1
	21 - 24	**171**	0	2	65	104	0
	25 - 34	**322**	0	5	121	192	4
	35 - 44	**219**	0	2	82	135	0
	45 - 54	**192**	0	3	83	103	3
	55 - 64	**138**	0	4	50	82	2
	65 - 74	**58**	0	2	21	32	3
	75 & Older	**32**	0	1	11	20	0
	Unknown Age	**9,116**	7	63	1,403	6,557	1,086

Source: CLAS (WSDOT) and FARS (WTSC). See Appendix A for more information.

Age and Gender of Non-Motorists Involved in Collisions

NON-MOTORISTS		Total Non-Motorists	Non-Motorists in Fatal Collisions	Non-Motorists in Serious Injury Collisions	Non-Motorists in Minor Injury Collisions	Non-Motorists in Property Damage Only Collisions	Non-Motorists in Unknown Injury Collisions
MALES	**Total Males**	**2,022**	**45**	**221**	**1,651**	**103**	**2**
	15 & Younger	**302**	4	31	257	10	0
	16 - 17	**97**	1	5	87	4	0
	18 - 20	**149**	1	11	129	7	1
	21 - 24	**203**	2	22	174	5	0
	25 - 34	**373**	5	33	316	18	1
	35 - 44	**260**	5	39	198	18	0
	45 - 54	**281**	10	37	220	14	0
	55 - 64	**182**	5	19	148	10	0
	65 - 74	**82**	6	12	61	3	0
	75 & Older	**36**	6	5	24	1	0
	Unknown Age	**57**	0	7	37	13	0
FEMALES	**Total Females**	**1,060**	**23**	**126**	**892**	**17**	**2**
	15 & Younger	**142**	3	17	121	1	0
	16 - 17	**50**	0	6	44	0	0
	18 - 20	**68**	2	9	56	0	1
	21 - 24	**105**	1	5	97	2	0
	25 - 34	**225**	4	24	192	5	0
	35 - 44	**108**	2	13	92	1	0
	45 - 54	**129**	4	18	105	2	0
	55 - 64	**120**	1	16	100	3	0
	65 - 74	**57**	4	9	43	1	0
	75 & Older	**36**	2	9	25	0	0
	Unknown Age	**20**	0	0	17	2	1
UNKNOWN	**Total Unknown**	**119**	**2**	**11**	**96**	**9**	**1**
	15 & Younger	**16**	0	2	13	1	0
	16 - 17	**1**	0	0	1	0	0
	18 - 20	**8**	1	2	5	0	0
	21 - 24	**7**	1	0	6	0	0
	25 - 34	**12**	0	1	11	0	0
	35 - 44	**6**	0	1	5	0	0
	45 - 54	**10**	0	0	9	0	1
	55 - 64	**0**	0	0	0	0	0
	65 - 74	**1**	0	0	1	0	0
	75 & Older	**2**	0	1	1	0	0
	Unknown Age	**56**	0	4	44	8	0

Source: CLAS (WSDOT) and FARS (WTSC). See Appendix A for more information.

CONTRIBUTING CIRCUMSTANCES

Driver Contributing Circumstances

DRIVER	Total	Driver Contributing Circumstances in: Fatal Collisions	Serious Injury Collisions	Minor Injury Collisions	Property Damage Only Collisions	Unknown Injury Collision
Inattention/Driver Distractions*	**35,896**	117	439	11,511	23,339	490
Excessive Speed	**18,093**	170	438	5,980	11,165	340
Failure to Yield Right-of-Way to Motor Vehicle	**17,449**	25	206	4,982	12,173	63
Following too Closely	**15,566**	6	57	5,267	10,189	47
Under Influence of Alcohol and/or Drugs	**5,966**	211	321	2,085	3,257	92
Improper Turn/U-Turn	**3,554**	3	46	801	2,642	62
Defective Equipment	**2,755**	14	52	781	1,863	45
Disregard Signal	**2,698**	10	36	1,106	1,535	11
Apparently Fatigued/Asleep/Ill	**2,650**	16	85	1,025	1,476	48
Over Center Line	**2,597**	67	116	843	1,457	114
Improper Backing	**1,636**	2	6	110	1,492	26
Disregard Stop Sign/Red Beacon	**1,568**	12	44	653	830	29
Failure to Yield Right-of-Way to Non Motorist	**968**	6	79	851	29	3
Improper Passing	**928**	8	27	258	628	7
Improper Parking Location	**126**	0	1	14	110	1
Failing to Signal	**124**	0	7	28	89	0
Disregard Yield/Yellow Beacon	**111**	0	3	35	73	0
Improper Signal	**77**	0	0	23	54	0
Headlight Violation	**69**	1	5	20	43	0
Disregard Flagger-Officer	**20**	0	2	7	11	0
Other	**13,752**	65	207	3,231	9,420	829
None	**73,952**	205	830	24,929	47,681	307
Not Reported/Missing	**351,040**	1,040	4,302	107,416	234,099	4,183

**Coding change in 2013, does not reflect an actual increase.*

Source: CLAS (WSDOT) and FARS (WTSC). See Appendix A for more information.

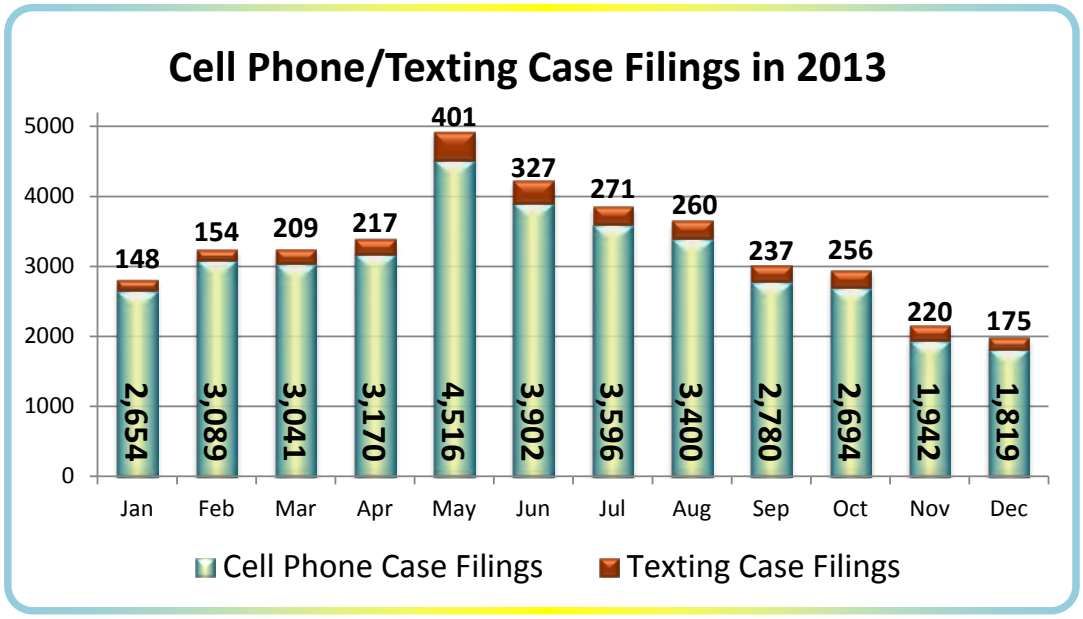
- Among all vehicle drivers in collisions, 44.7% of the drivers had one contributing circumstance, 12.3% had two, and 1.4% had three. No contributing circumstances were reported for 41.3% of drivers.
- Among all non-motorists involved in collisions, 39.5% had one contributing circumstance, 7.1% had two, and 1% had three. No contributing circumstances were reported for 50.5% of non-motorists (see page 20).
- When vehicle and non-motorists collisions occur, 49% had only driver-related contributing circumstances, 28.5% had only non-motorist contributing circumstances, and 20.7% had both driver-related and non-motorist contributing circumstances. In 1.8% of these collisions, no contributing circumstances were reported.

Driver Inattention and Distraction

INATTENTIVE /DISTRACTED DRIVERS	Total	Driver Inattentive/Distracted Contributing Circumstances in:				
		Fatal Collisions	Serious Injury Collisions	Minor Injury Collisions	Property Damage Only Collisions	Unknown Injury Collision
Inattention*	**26,917**	67	335	8,797	17,489	229
Unknown Driver Distraction	**3,959**	43	90	1,054	2,547	225
Driver Distractions Outside Vehicle	**1,783**	2	13	605	1,149	14
Driver Interacting with Passengers, Animal or Object in Vehicle	**1,144**	4	14	461	661	4
Other Driver Distractions Inside Vehicle	**920**	1	12	340	561	6
Driver Operating Handheld Telecommunication Device	**538**	1	8	207	319	3
Driver Adjusting Audio or Entertainment System	**351**	0	3	132	212	4
Driver Eating or Drinking	**288**	0	2	108	177	1
Driver Operating Other Electronic Device	**219**	0	3	92	123	1
Driver Smoking	**92**	0	4	32	55	1
Driver Operating Hands-free Wireless Telecommunication Device	**72**	0	1	33	37	1
Driver Reading or Writing	**21**	0	0	6	15	0
Driver Grooming	**18**	0	0	2	15	1

**Coding change in 2013, does not reflect an actual increase.*

Source: CLAS (WSDOT) and FARS (WTSC). See Appendix A for more information.



Source: AOC. See Appendix A for more information.

Non-Motorist Contributing Circumstances and Location

	NON-MOTORIST CONTRIBUTING CIRCUMSTANCES	Total	Non-Motorist Contributing Circumstances in: Fatal Collisions	Serious Injury Collisions	Minor Injury Collisions	Property Damage Only Collisions	Unknown Injury Collision
PEDESTRIANS	**Inattention/Distractions***	**248**	12	34	193	9	0
	Failure to Yield Right-of-Way to Motor	**231**	13	46	161	11	0
	Under Influence of Alcohol and/or Drugs	**105**	21	18	66	0	0
	Failure to Use Xwalk	**44**	2	6	35	1	0
	Disregard Signal	**39**	0	9	27	3	0
	On Wrong Side of Road	**16**	1	2	12	1	0
	Disregard Stop Sign/Red Beacon	**12**	1	3	8	0	0
	Other	**279**	10	65	197	7	0
	None	**975**	14	107	827	25	2
	Not Reported/Missing	**3,564**	109	524	2,828	99	4
BICYCLISTS	**Failure to Yield Right-of-Way to Motor Vehicle**	**198**	3	16	168	10	1
	Inattention/Distractions*	**192**	3	12	165	12	0
	On Wrong Side of Road	**74**	0	1	70	3	0
	Excessive Speed	**36**	1	1	31	3	0
	Disregard Signal	**27**	0	3	20	4	0
	Headlight Violation	**26**	2	0	23	1	0
	Disregard Stop Sign/Red Beacon	**24**	0	2	21	1	0
	Defective Equipment	**23**	1	1	19	2	0
	Under Influence of Alcohol and/or Drugs	**24**	3	5	15	1	0
	Improper Passing	**8**	0	0	6	1	1
	Improper Turn/U-Turn	**7**	0	1	5	1	0
	Over Center Line	**7**	2	2	3	0	0
	Other	**203**	1	14	176	12	0
	None	**644**	2	40	566	34	2
	Not Reported/Missing	**2,577**	20	160	2,246	146	5

**Coding change in 2013, does not reflect an actual increase.*

NON-MOTORIST WAS USING:

LOCATION	**Roadway**	**1,125**	43	170	849	62	1
	Marked Crosswalk	**993**	9	99	848	35	2
	Unmarked Crosswalk	**413**	8	27	368	10	0
	Designated Bike Route	**197**	0	12	180	4	1
	Sidewalk	**178**	1	7	164	6	0
	Shoulder	**172**	6	19	137	9	1
	Other	**106**	1	22	80	3	0
	Walkway	**15**	0	2	13	0	0

Source: CLAS (WSDOT) and FARS (WTSC). See Appendix A for more information.

Collision Types

	Total Collisions	Fatal Collisions	Serious Injury Collisions	Minor Injury Collisions	Property Damage Only Collisions	Unknown Injury Collisions
Single Vehicle	**25,388**	233	895	8,314	14,403	1,543
Run Off the Road	**20,982**	172	484	5,085	14,096	1,145
Hits Fixed Object	**18,118**	159	431	4,584	11,528	1,416
Overturn	**2,281**	33	153	1,176	852	67
Other Non-Collision	**483**	0	10	65	394	14
Hits Other Object	**416**	2	6	77	313	18
Vehicle and Vehicle	**74,321**	168	706	22,084	51,023	340
Rear-End	**30,626**	18	133	11,007	19,362	106
Angle (T)	**16,552**	34	228	5,227	10,969	94
Sideswipe (Same Direction)	**7,682**	7	38	971	6,631	35
Angle (Left Turn)	**5,858**	16	97	2,249	3,463	33
Parked/Stopped/Stalled Car	**5,729**	3	26	521	5,155	24
From Same Direction - All Others	**2,099**	2	29	446	1,611	11
From Opposite Direction - All Others	**823**	12	27	255	524	5
Sideswipe (Opposite Direction)	**641**	6	14	216	402	3
Head-On	**478**	41	57	245	131	4
Vehicle and Non-Motorist	**2,963**	59	317	2,461	121	5
Pedestrian	**1,638**	48	234	1,308	46	2
Bicyclist	**1,325**	11	83	1,153	75	3
Vehicle and Animal	**1,971**	4	17	212	1,718	20
Vehicle and Train	**15**	0	0	4	11	0
Other/Unknown	**2,974**	5	18	682	2,241	28

Source: CLAS (WSDOT) and FARS (WTSC). See Appendix A for more information.

Road Surface and Lighting Conditions

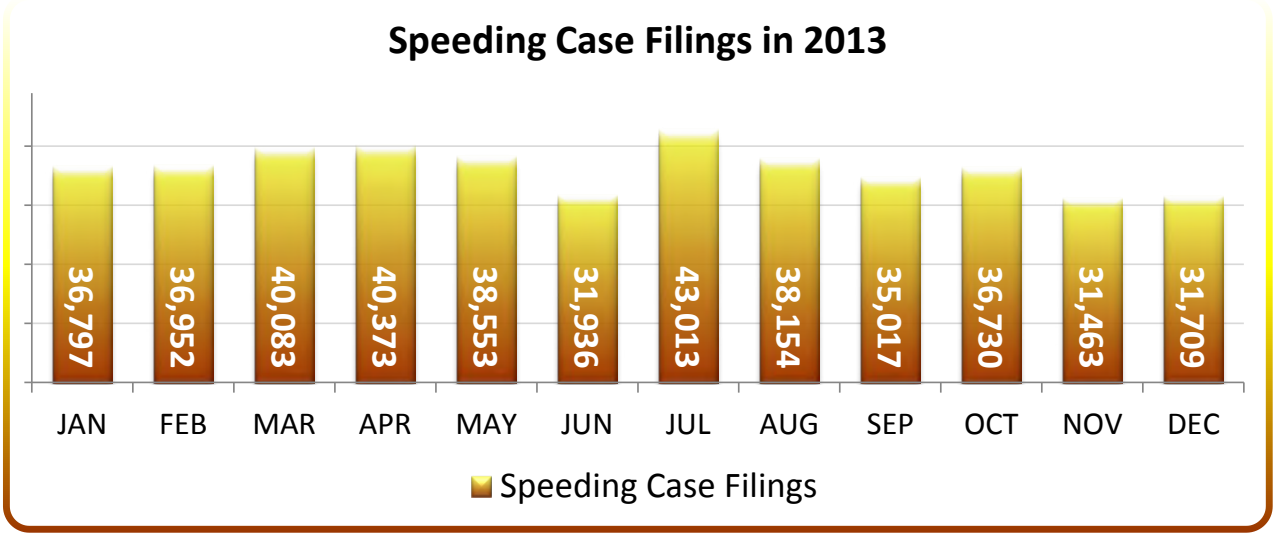
	CONDITIONS	Total Collisions	Fatal Collisions	Serious Injury Collisions	Minor Injury Collisions	Property Damage Only Collisions	Unknown Injury Collisions
ROAD SURFACE	**Dry**	**69,234**	297	1,196	21,828	44,713	1,200
	Wet	**24,759**	82	330	7,320	16,553	474
	Ice	**2,566**	11	24	651	1,804	76
	Snow/Slush	**1,442**	2	18	309	1,087	26
	Standing Water	**252**	0	6	66	175	5
	Sand/Mud/Dirt	**147**	3	7	35	89	13
	Oil	**27**	0	1	9	17	0
	Other/Unknown	**1,282**	6	19	180	988	89
LIGHTING	**Daylight**	**66,279**	185	920	21,059	43,426	689
	Dark-Street Lights On	**18,952**	89	336	5,495	12,494	538
	Dark-No Street Lights	**8,069**	98	239	2,148	5,167	417
	Dusk	**2,540**	10	52	795	1,646	37
	Dawn	**1,741**	9	24	484	1,179	45
	Dark-Street Lights Off	**611**	3	17	180	386	25
	Other/Unknown	**1,517**	7	13	237	1,128	132

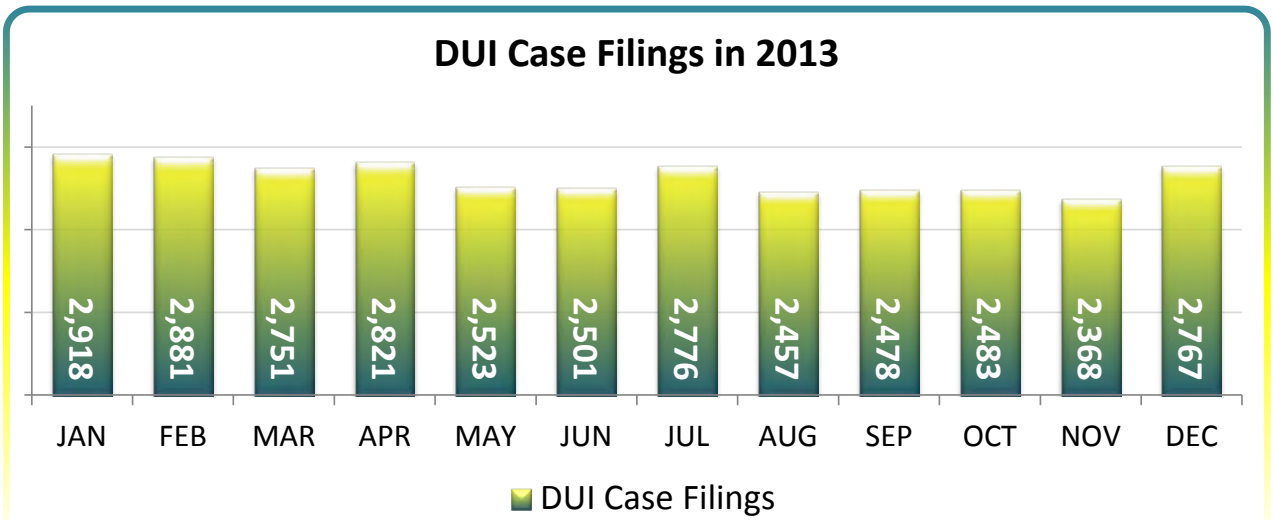
Source: CLAS (WSDOT) and FARS (WTSC). See Appendix A for more information.

Investigating Agencies

INVESTIGATIVE AGENCY	**Total Collisions**	Fatal Collisions	Serious Injury Collisions	Minor Injury Collisions	Property Damage Only Collisions	Unknown Injury Collision
Washington State Patrol	**29,577**	203	501	8,466	20,115	292
Municipal or City Police	**55,034**	102	720	17,003	36,226	983
County Sheriff	**14,911**	95	371	4,868	8,971	606
Other	**187**	1	9	61	114	2

Source: CLAS (WSDOT) and FARS (WTSC). See Appendix A for more information.





Source: AOC. See Appendix A for more information.

Involved Vehicle Types

INVOLVED VEHICLE TYPE	**Total Vehicles in Collisions**	Fatal Collisions	Serious Injury Collisions	Minor Injury Collisions	Property Damage Only Collisions	Unknown Injury Collision
Passenger Vehicles	**173,208**	493	1,983	54,519	114,398	1,815
Commercial Vehicles / Heavy Trucks	**4,673**	36	62	951	3,576	48
Motorcycles	**2,155**	74	340	1,369	355	17
Buses	**1,119**	2	11	307	797	2
Others	**526**	11	36	185	291	3
Unknown	**3,965**	6	28	588	2,984	359

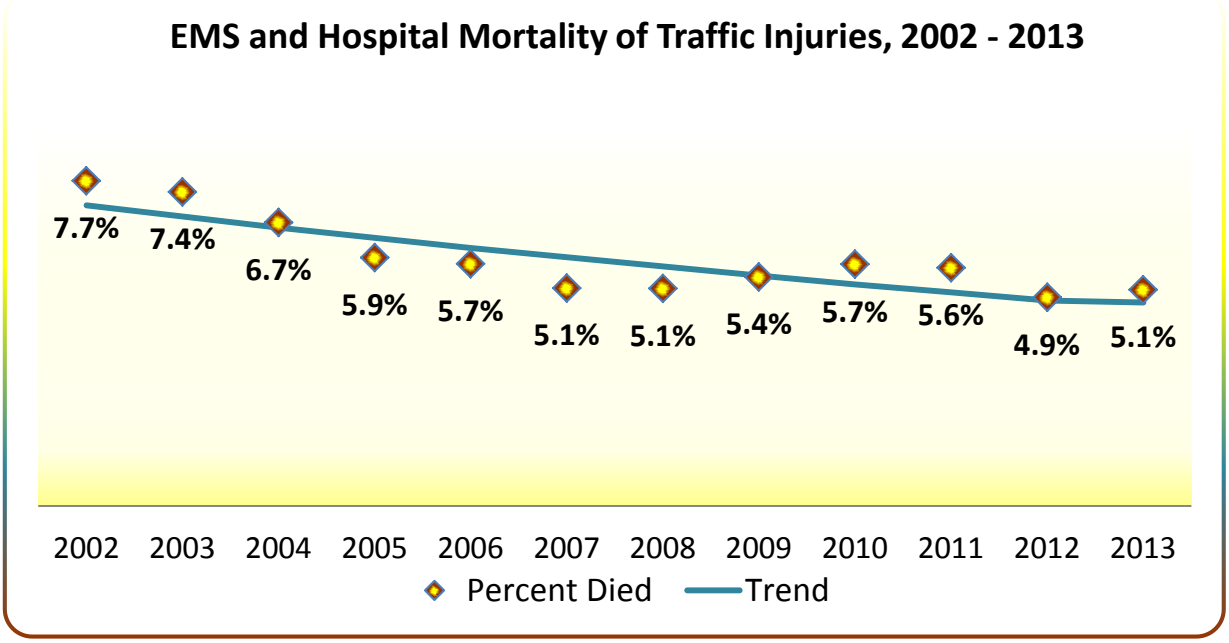
Source: CLAS (WSDOT) and FARS (WTSC). See Appendix A for more information.

EMS and Trauma Systems

Washington's Emergency Medical Services (EMS) and Trauma Care Systems contributed to a steady decrease in the number of motor vehicle related deaths in hospitals. In 2002, there were 223 motor vehicle related deaths that occurred under EMS and trauma care. In 2013, the number went down to 149. The death rate for these patients also went down from about 7.7% in 2002 to about 5.1% in 2013.

Washington's EMS and Trauma Care System is a coordinated system to assure appropriate and adequate care with the goal of reducing death and disability. First, by providing critical care as soon as possible after an injury, EMS helps reduce deaths and serious injuries. The minutes directly following a traumatic injury are often critical to saving lives or minimizing the long term effects of injury; timeliness and clinical expertise are critical factors in the success of post trauma care.

In addition to the minutes immediately following an injury, a patient's success is dependent on other important facets of trauma care, including prevention activities, hospital care, and rehabilitation resources. Each of these components work together to reduce death and disability of injured people throughout Washington.



Source: DOH. See Appendix A for more information.

Appendix A: Data Sources

Administrative Office of the Courts (AOC) – The Information Services Division provides support to the courts through development, operation, and maintenance of the Judicial Information System (JIS). The AOC provided tabulated counts of case filings relating to driving under the influence, speeding, and cell phone/texting. Speeding and cell phone/texting counts include both original and amended charges.

District and municipal courts which employ JIS are represented in the AOC Courts of Limited Jurisdiction statistical tables. For the DUI counts in this report, the Seattle Municipal Court is represented due to a special download from its local automated system. However, traffic violations bureaus (established in accordance with RCW 3.30.090) or the small number of courts which do not employ JIS are not included. Those violations bureaus and non-JIS courts process a combined total of about 5,000 cases per year, approximately one-fourth of one percent of the statewide limited jurisdiction caseload.

Speeding and cell/texting information provided by AOC does not include traffic violation bureaus or courts which do not employ JIS. This includes Seattle Municipal Court. Therefore, the counts included in this report offer an under-represented estimate of statewide case filings. For more information about AOC data and information, please visit http://www.courts.wa.gov/appellate_trial_courts/aocwho/?fa=atc_aocwho.display&fileID=isd

Collision Location Analysis System (CLAS) – Managed by WSDOT, CLAS contains collision data submitted by law enforcement officers for collisions occurring on Washington's public roads. Officers can submit the collision report electronically or by mailing in a paper collision report. WSDOT analysts review the reports and may request additional or clarifying information from the officer in the form of a Supplemental Collision Report. WSDOT analysts derive additional engineering specific data based on the data submitted by the officer. The data (with the exception of personal information) is then made available through the WSDOT Collision Data Mart for use by regions and divisions within WSDOT, the Federal Highway Administration (FHWA), other Washington State and Local Agencies, and other public and private organizations. For more information about CLAS data, please visit http://www.wsdot.wa.gov/mapsdata/collision/collisiondatarequest.htm.

Department of Health Office of Community Health Systems (DOH) – The Research, Analysis, and Data Section of the Office of Community Health Systems manages the State's Trauma Registry. Hospitals with designated trauma services are required to submit data to DOH quarterly for use in injury surveillance research and programs, monitoring patient care and outcomes, ensuring compliance with state standards for trauma care, and resource planning. The traffic safety community in Washington State utilizes trauma information for monitoring trauma systems as prioritized in Target Zero ®. For more information about Washington's Trauma Registry, please visit http://www.doh.wa.gov/ForPublicHealthandHealthcareProviders/EmergencyMedicalServicesEMSSystems/TraumaSystem/TraumaRegistry.aspx

Appendix A: Data Sources

Department of Licensing (DOL) – In addition to many other functions, the DOL provides information on licensed drivers and registered vehicles in Washington State. The DOL provided total counts of licensed drivers and registered vehicles for calculating collision and injury rates for this summary. For more information about DOL data and information, please visit http://www.dol.wa.gov/about/data.html.

Fatality Analysis Reporting System (FARS) – Managed by WTSC, FARS is a complete census of all traffic fatalities occurring on Washington Roadways, public or private (when the private road is openly accessible to the public). "Traffic" fatalities are those that involve a motor vehicle in transport, are not due to a cataclysmic event (such as a rock slide), and death occurring within 30 days of the collision. These data are submitted to the National Highway Traffic Safety Administration (NHTSA) for the national FARS database. For more information about Washington FARS, please visit http://www.wtsc.wa.gov/statistics-reports/about-our-data/.

Office of Financial Management Forecasting Division (OFM) – The population unit of the Forecasting Division develops official state and local population estimates and projections for use in the allocation of certain state revenues, growth management, and other planning functions. As the official partner of the U. S. Census Bureau for Washington state, the Population unit helps disseminate information about the characteristics of Washington's population, housing, and economy and provide guidance to a variety of stakeholders in accessing and using demographic information. For more information about OFM population estimates, please visit http://www.ofm.wa.gov/pop/.

Appendix A: Data Sources

2013 Exposure Data Used for Rates	Vehicle Miles Traveled (in 1,000's)	Registered Passenger Vehicles	Licensed Drivers	Population
Washington State	57,211,195	6,156,835	5,211,033	6,882,400
Adams	506,940	18,056	14,300	19,200
Asotin	112,110	20,280	16,186	21,800
Benton	1,507,293	172,471	136,829	183,400
Chelan	639,326	77,299	58,370	73,600
Clallam	607,564	73,537	57,729	72,350
Clark	2,845,483	372,714	344,155	435,500
Columbia	58,627	4,392	3,062	4,100
Cowlitz	1,210,035	99,746	78,887	103,300
Douglas	381,249	38,471	28,710	39,280
Ferry	119,960	8,423	5,453	7,650
Franklin	692,161	74,540	57,873	84,800
Garfield	56,430	2,510	1,864	2,250
Grant	1,019,030	89,421	64,586	91,800
Grays Harbor	726,541	67,047	53,329	73,200
Island	453,579	84,293	61,267	79,700
Jefferson	355,174	34,520	26,651	30,275
King	15,959,974	1,627,136	1,621,703	1,981,900
Kitsap	1,745,666	234,896	184,474	254,000
Kittitas	1,097,906	43,172	29,831	41,900
Klickitat	236,892	23,849	18,312	20,700
Lewis	1,058,767	83,651	62,228	76,200
Lincoln	294,092	12,976	8,836	10,675
Mason	474,981	63,884	43,979	61,800
Okanogan	518,839	46,034	32,212	41,500
Pacific	222,501	23,110	17,325	21,000
Pend Oreille	128,454	15,824	9,667	13,150
Pierce	6,304,617	683,130	565,348	814,500
San Juan	55,321	20,271	14,248	16,000
Skagit	1,361,243	124,465	92,333	118,600
Skamania	125,056	12,719	8,213	11,300
Snohomish	5,604,028	649,090	521,093	730,500
Spokane	3,653,468	400,853	342,911	480,000
Stevens	381,387	52,534	30,965	43,800
Thurston	2,303,087	247,915	194,302	260,100
Wahkiakum	42,761	4,728	2,983	4,020
Walla Walla	476,031	51,511	43,691	59,500
Whatcom	1,609,960	191,031	154,087	205,800
Whitman	392,773	32,019	28,599	46,000
Yakima	1,871,888	225,552	174,442	247,250

Traffic Collisions

Traffic Related Collisions exclude collisions that resulted from a traffic-unrelated medical event (such as a heart attack while driving), collisions resulting from police pursuits (legal interventions), intentional acts (suicide or homicide), or collisions that do not meet state reportable requirements (such as damage thresholds). In all collisions except fatals (see definition below), the collision must also occur on a state or local public roadway (excludes private drives, parking lots, etc.). Injury severity for each person involved in a collision is determined by the investigating officer based on the latest information available at the time the report is completed.

Post 30 day Fatal Collisions are collisions that meet all the criteria for being traffic-related, except that the fatality occurred more than 30 days after the crash.

Collision Injury Severity

Fatal Injury – A collision, as described above, that results in a fatality. Specific to the FARS database, if a collision occurs on a private road accessible to the public, or the un-stabilized event that led to the collision begins on a public road, those are counted as traffic fatalities. Exclusions include death after 30 days (even if the death was a result of the collision) or the loss of an unborn fetus as a result of the collision. Traffic fatalities are confirmed by death certificates (died as a result of injuries sustained in the collision).

Non-Traffic Fatality – A fatality that occurs on a public or private roadway that does not meet the criteria for a traffic fatality.

Serious Injury – A collision resulting in an injury assessed by the investigating officer as “any injury which prevents the injured person from walking, driving, or continuing normal activities at the time of the collision. Includes severe lacerations, broken or distorted limbs, skull or check injuries, abdominal injuries, etc. Excludes momentary unconsciousness, etc.”.

Minor Injury – A category combining evident and possible injuries, see definitions below.

Evident (non-disabling) Injury – A collision resulting in an injury assessed by the investigating officer as “any injury other than fatal or serious at the scene. Includes broken fingers or toes, abrasions, etc. Excludes limping, complaint of pain, nausea, momentary unconsciousness, etc.”.

Possible Injury – A collision resulting in an injury assessed by the investigating officer as “any injury reported to the officer or claimed by the individual as momentary unconsciousness, claim of injuries not evident, limping, complaint of pain, nausea, hysteria, etc.”.

No Injury/Property Damage Only – Applies when the officer at the scene has no reason to believe that, at the time of the collision, the person received any bodily harm due to the collision.

Persons Involved in Collisions

Drivers – Operators of motor vehicles, excluding motorcyclists (see definition below), involved in traffic collisions.

Occupants – Persons in or on motor vehicles, not operating the vehicle, excluding motorcyclists.

Appendix B: Data Definitions

Motorcyclists – Persons operating a motorcycle or a passenger on a motorcycle. Excludes scooter bikes, mopeds, and other motorized bikes.

Pedestrians – Persons on foot, roller skater/skateboarder, persons in wheelchairs, flaggers, roadway workers and emergency response personnel.

Bicyclists – Persons on bicycles, tricycles, or other pedal cycles.

Collision, Fatal and Injury Rates

Rates – A rate is the degree of which something occurs, measured per unit of something else. Rates answer the question "How likely is this to happen?" In this summary, the 'something occurring' are collisions and injuries from collisions. There are many ways to calculate rates in traffic safety to get more accurate estimates (beyond just simple counts) of how frequently an event is occurring, based upon some other unit of measurement, or exposure. Each of these different exposure methods are described below, including the limitations of each. The different types of rates provided in this summary are just different ways of looking at the same event and are not necessarily meant to be compared. The formula however is the same:

Rate= # Events ÷ (Exposure/ [per] Unit)

Rate per 100M Vehicle Miles Traveled (VMT) – The VMT rate reflects the number of collisions, fatalities, or serious injuries that occur per every 100 million miles traveled on Washington roadways. For example, in Washington for every 100 million miles that are traveled by all road users, there are approximately 176 collisions, 4 serious injuries, and 1 fatality. The limitation of this measure is the very high number of vehicle miles traveled; each year there are billions of miles traveled on Washington roadways so it is challenging to imagine personal risk in the context of traveling millions of miles.

Rate per 10,000 Licensed Drivers – The Licensed Driver rate reflects the number of collisions, fatalities, or serious injuries that occur per every 10,000 drivers licensed in Washington State. The limitation of this measure is that not all drivers are licensed and not all who are licensed drive. Also, not all counties have 10,000 licensed drivers, so the rate may seem inflated. For example, Garfield County experienced 2 traffic fatalities and has 1,797 licensed drivers, so the resulting rate is 11.13 per 10,000 licensed drivers, which is the same as 2 per 1,797 licensed drivers. However, using per 10,000 allows for rate comparisons across counties.

Rate per 10,000 Registered Vehicles – The Registered Vehicle rate reflects the number of collisions, fatalities, or serious injuries that occur per every 10,000 vehicles registered in Washington State. The limitations of this measure are the same as for licensed drivers; not all vehicles on the road are registered and not all registered vehicles are driven. Rates may also appear inflated.

Rate per 10,000 Population – The Population rate reflects the number of collisions, fatalities, or serious injuries that occur per every 10,000 people living in Washington State. Similar to the limitations of the above rate measures, these rates may appear inflated for counties with populations less than 10,000. The statewide traffic serious injury rate of 3.23 per 10,000 population is the same as saying, "For every 10,000 persons living in Washington, three of them will be seriously injured in traffic collisions this year", which is also the same as a total of 2,200 seriously injured people.

Appendix C: Statewide Collisions by City

COUNTY	CITY	Total Collisions	Fatal Collisions	Serious Injury Collisions	Minor Injury Collisions	Property Damage Only Collisions	Unknown Injury Collision
Adams	Hatton	1	0	0	0	1	0
	Lind	3	0	0	0	3	0
	Othello	101	0	4	23	71	3
	Ritzville	14	0	0	6	8	0
	Washtucna	4	0	0	1	3	0
	Unincorporated	255	5	7	83	156	4
Asotin	Asotin	4	0	0	1	3	0
	Clarkston	112	0	2	36	63	11
	Unincorporated	100	0	2	16	77	5
Benton	Benton City	23	0	1	6	15	1
	Kennewick	1,026	1	6	257	752	10
	Prosser	30	0	0	6	24	0
	Richland	855	1	4	249	591	10
	West Richland	47	0	1	18	27	1
	Unincorporated	388	6	15	130	227	10
Chelan	Cashmere	29	0	1	7	21	0
	Chelan	45	1	1	4	37	2
	Entiat	3	0	0	2	1	0
	Leavenworth	32	0	1	9	22	0
	Wenatchee	533	1	1	184	343	4
	Unincorporated	480	5	9	151	305	10
Clallam	Forks	29	1	0	6	22	0
	Port Angeles	304	1	7	85	204	7
	Sequim	93	0	2	25	66	0
	Unincorporated	379	4	8	134	220	13
Clark	Battle Ground	162	0	1	45	114	2
	Camas	178	1	4	41	126	6
	La Center	35	0	4	7	24	0
	Ridgefield	51	0	1	13	35	2
	Vancouver	1,734	9	35	642	1,019	29
	Washougal	100	0	2	19	72	7
	Unincorporated	1,687	8	45	585	1,006	43
Columbia	Dayton	13	0	0	3	10	0
	Unincorporated	51	0	2	18	31	0
Cowlitz	Castle Rock	28	0	0	7	20	1
	Kalama	25	0	0	2	22	1
	Kelso	281	1	1	89	188	2
	Longview	526	0	8	144	369	5
	Woodland	98	1	2	23	68	4
	Unincorporated	481	11	18	146	294	12

Appendix C: Statewide Collisions by City

COUNTY	CITY	Total Collisions	Fatal Collisions	Serious Injury Collisions	Minor Injury Collisions	Property Damage Only Collisions	Unknown Injury Collision
Douglas	Bridgeport	7	0	0	0	7	0
	Coulee Dam	3	0	0	0	3	0
	East Wenatchee	189	0	1	58	128	2
	Mansfield	1	0	0	0	1	0
	Rock Island	2	0	0	1	1	0
	Waterville	1	0	0	0	1	0
	Unincorporated	244	2	8	84	145	5
Ferry	Republic	8	1	0	2	4	1
	Unincorporated	94	3	5	22	55	9
Franklin	Connell	11	0	0	1	10	0
	Mesa	7	0	0	1	6	0
	Pasco	736	5	7	210	504	10
	Unincorporated	210	1	6	73	126	4
Garfield	Pomeroy	8	0	1	1	6	0
	Unincorporated	42	0	2	9	31	0
Grant	Coulee City	3	0	0	1	2	0
	Electric City	5	0	0	1	4	0
	Ephrata	85	0	1	24	60	0
	George	7	0	0	3	4	0
	Grand Coulee	11	0	0	4	6	1
	Mattawa	10	0	0	2	8	0
	Moses Lake	412	2	5	103	296	6
	Quincy	61	0	1	14	44	2
	Royal City	5	0	0	1	4	0
	Soap Lake	6	0	0	3	3	0
	Warden	10	0	0	1	8	1
	Unincorporated	687	14	19	214	413	27
Grays Harbor	Aberdeen	292	1	1	71	216	3
	Cosmopolis	2	0	0	1	1	0
	Elma	25	0	0	8	17	0
	Hoquiam	103	1	2	24	72	4
	McCleary	15	0	0	3	12	0
	Montesano	32	0	0	5	24	3
	Oakville	6	0	1	0	4	1
	Ocean Shores	30	0	0	7	23	0
	Westport	11	0	0	2	9	0
	Unincorporated	344	5	15	92	218	14
Island	Coupeville	15	1	0	1	12	1
	Langley	8	0	0	2	6	0
	Oak Harbor	163	1	1	46	110	5
	Unincorporated	421	4	10	128	271	8

Appendix C: Statewide Collisions by City

COUNTY	CITY	Total Collisions	Fatal Collisions	Serious Injury Collisions	Minor Injury Collisions	Property Damage Only Collisions	Unknown Injury Collision
Jefferson	Port Townsend	68	1	2	16	49	0
	Unincorporated	262	2	11	86	153	10
King	Algona	53	0	0	16	37	0
	Auburn	1,379	5	19	427	900	28
	Bellevue	2,978	4	22	792	2,136	24
	Black Diamond	43	0	2	14	26	1
	Bothell	445	0	1	124	314	6
	Burien	556	2	11	169	364	10
	Carnation	7	0	0	4	3	0
	Clyde Hill	22	0	0	9	13	0
	Covington	230	0	1	71	151	7
	Des Moines	229	0	0	66	158	5
	Duvall	34	0	1	6	26	1
	Enumclaw	119	0	3	37	77	2
	Federal Way	1,776	5	24	605	1,112	30
	Hunts Point	7	0	0	2	5	0
	Issaquah	473	2	5	131	333	2
	Kenmore	196	1	3	64	124	4
	Kent	2,612	5	29	785	1,745	48
	Kirkland	1,263	1	13	377	859	13
	Lake Forest Park	140	0	1	39	96	4
	Maple Valley	152	0	3	49	95	5
	Medina	14	0	0	6	8	0
	Mercer Island	250	0	3	68	176	3
	Milton	26	0	0	10	16	0
	Newcastle	64	0	2	19	43	0
	Normandy Park	42	0	2	14	26	0
	North Bend	84	0	2	22	53	7
	Pacific	63	0	1	14	46	2
	Redmond	1,007	1	7	249	744	6
	Renton	2,125	3	23	694	1,387	18
	Sammamish	202	0	4	64	132	2
	SeaTac	859	1	12	244	582	20
	Seattle	12,353	29	172	4,088	7,953	111
	Shoreline	605	1	11	189	398	6
	Skykomish	1	0	0	0	1	0
	Snoqualmie	70	0	1	11	57	1
	Tukwila	1,318	2	18	358	923	17
	Woodinville	216	0	2	61	152	1
	Yarrow Point	7	0	0	3	3	1
	Unincorporated	2,566	14	58	830	1,580	84

Appendix C: Statewide Collisions by City

COUNTY	CITY	Total Collisions	Fatal Collisions	Serious Injury Collisions	Minor Injury Collisions	Property Damage Only Collisions	Unknown Injury Collision
Kitsap	Bainbridge Island	149	0	2	43	97	7
	Bremerton	625	0	9	150	451	15
	Port Orchard	266	0	3	75	186	2
	Poulsbo	147	1	2	43	98	3
	Unincorporated	1,508	6	30	518	928	26
Kittitas	Cle Elum	35	0	2	11	21	1
	Ellensburg	209	0	0	45	159	5
	Kittitas	4	0	0	0	4	0
	Roslyn	4	0	0	2	2	0
	South Cle Elum	1	0	0	0	1	0
	Unincorporated	819	3	19	213	573	11
Klickitat	Bingen	8	0	0	2	6	0
	Goldendale	24	0	1	6	17	0
	White Salmon	18	0	0	3	15	0
	Unincorporated	212	6	6	58	137	5
Lewis	Centralia	299	0	3	79	209	8
	Chehalis	225	1	1	61	155	7
	Morton	4	0	0	2	2	0
	Mossyrock	7	0	0	2	5	0
	Napavine	25	0	1	4	19	1
	Winlock	5	0	0	0	4	1
	Unincorporated	608	3	29	178	388	10
Lincoln	Almira	3	0	0	2	1	0
	Davenport	11	0	0	3	8	0
	Harrington	1	0	0	0	1	0
	Reardan	1	0	1	0	0	0
	Sprague	8	0	0	5	3	0
	Wilbur	5	0	0	0	5	0
	Unincorporated	142	1	1	49	89	2
Mason	Shelton	149	0	2	47	97	3
	Unincorporated	542	10	25	186	300	21
Okanogan	Brewster	19	0	1	3	15	0
	Coulee Dam	6	0	0	2	4	0
	Elmer City	1	0	0	0	1	0
	Okanogan	16	0	0	2	13	1
	Omak	45	0	1	7	36	1
	Oroville	6	0	0	0	6	0
	Pateros	6	0	0	0	6	0
	Riverside	5	1	0	1	2	1
	Tonasket	3	0	0	1	2	0
	Twisp	7	0	1	2	4	0
	Winthrop	7	0	0	1	5	1
	Unincorporated	340	5	9	103	208	15

Appendix C: Statewide Collisions by City

COUNTY	CITY	Total Collisions	Fatal Collisions	Serious Injury Collisions	Minor Injury Collisions	Property Damage Only Collisions	Unknown Injury Collision
Pacific	Ilwaco	2	0	0	1	1	0
	Long Beach	19	0	1	1	14	3
	Raymond	16	0	0	6	10	0
	South Bend	9	0	0	2	5	2
	Unincorporated	209	3	8	58	131	9
Pend Oreille	Ione	1	0	0	1	0	0
	Newport	19	0	0	4	14	1
	Unincorporated	150	5	6	49	88	2
Pierce	Auburn	41	1	1	13	24	2
	Bonney Lake	183	0	1	63	105	14
	Buckley	69	1	0	15	50	3
	Carbonado	1	0	0	0	1	0
	DuPont	42	0	0	8	33	1
	Eatonville	12	0	1	4	7	0
	Edgewood	91	0	1	41	47	2
	Fife	436	1	6	108	317	4
	Fircrest	21	0	1	8	12	0
	Gig Harbor	169	0	0	36	132	1
	Lakewood	1,246	0	8	341	876	21
	Milton	97	0	1	34	60	2
	Orting	36	0	1	9	24	2
	Pacific	47	0	0	13	34	0
	Puyallup	944	1	14	269	654	6
	Roy	4	0	0	1	3	0
	Ruston	3	0	1	1	1	0
	South Prairie	4	0	0	1	3	0
	Steilacoom	23	0	1	5	13	4
	Sumner	219	2	6	50	159	2
	Tacoma	3,767	8	64	1,185	2,411	99
	University Place	135	1	6	33	92	3
	Wilkeson	2	0	0	1	1	0
	Unincorporated	3,601	25	72	1,146	2,283	75
San Juan	Friday Harbor	15	0	1	1	13	0
	Unincorporated	60	0	2	26	31	1
Skagit	Anacortes	199	0	2	56	140	1
	Burlington	321	0	3	93	224	1
	Concrete	2	0	0	0	2	0
	Hamilton	4	0	0	2	1	1
	La Conner	4	0	0	1	3	0
	Lyman	3	0	0	1	2	0
	Mount Vernon	522	1	4	146	365	6
	Sedro-Woolley	133	0	3	34	96	0
	Unincorporated	755	8	22	205	498	22
Skamania	North Bonneville	9	0	0	3	5	1
	Stevenson	13	0	0	4	8	1
	Unincorporated	102	0	6	35	58	3

Appendix C: Statewide Collisions by City

COUNTY	CITY	Total Collisions	Fatal Collisions	Serious Injury Collisions	Minor Injury Collisions	Property Damage Only Collisions	Unknown Injury Collision
Snohomish	Arlington	336	3	6	71	244	12
	Bothell	507	0	1	139	360	7
	Brier	16	0	0	4	12	0
	Darrington	3	0	0	0	3	0
	Edmonds	558	0	10	192	353	3
	Everett	2,977	5	24	874	2,038	36
	Gold Bar	7	0	0	2	5	0
	Granite Falls	18	0	0	5	11	2
	Lake Stevens	334	2	5	85	228	14
	Lynnwood	1,211	1	3	299	891	17
	Marysville	778	1	7	226	505	39
	Mill Creek	218	2	1	69	142	4
	Monroe	218	0	3	53	157	5
	Mountlake Terrace	305	1	4	91	203	6
	Mukilteo	229	0	9	77	136	7
	Snohomish	174	0	4	41	127	2
	Stanwood	97	0	0	28	64	5
	Sultan	49	0	1	20	28	0
	Woodway	1	0	0	0	1	0
	Unincorporated	3,770	15	65	1,100	2,506	84
Spokane	Airway Heights	57	1	1	22	31	2
	Cheney	77	0	2	20	55	0
	Deer Park	16	1	0	4	11	0
	Latah	1	0	0	0	1	0
	Liberty Lake	68	1	0	16	48	3
	Medical Lake	14	0	0	5	9	0
	Millwood	21	0	0	7	14	0
	Rockford	3	0	0	2	1	0
	Spokane	3,446	9	50	1,366	1,950	71
	Spokane Valley	1,092	5	18	368	674	27
	Unincorporated	1,193	15	26	404	723	26
Stevens	Chewelah	17	0	1	3	13	0
	Colville	63	0	0	11	52	0
	Kettle Falls	4	0	0	2	2	0
	Springdale	4	0	0	0	4	0
	Unincorporated	355	6	14	94	231	10
Thurston	Lacey	1,001	0	3	295	695	8
	Olympia	1,118	4	8	315	777	14
	Rainier	10	0	0	7	2	1
	Tenino	20	0	0	6	14	0
	Tumwater	411	0	7	109	292	3
	Yelm	126	0	0	39	82	5
	Unincorporated	1,151	9	34	465	620	23

Appendix C: Statewide Collisions by City

COUNTY	CITY	Total Collisions	Fatal Collisions	Serious Injury Collisions	Minor Injury Collisions	Property Damage Only Collisions	Unknown Injury Collision
Wahkiakum	Cathlamet	3	0	0	2	1	0
	Unincorporated	40	0	1	12	26	1
Walla Walla	College Place	66	0	0	19	45	2
	Waitsburg	4	0	0	0	4	0
	Walla Walla	484	2	8	112	337	25
	Unincorporated	310	2	7	72	216	13
Whatcom	Bellingham	1,310	2	13	345	937	13
	Blaine	32	0	0	4	27	1
	Everson	7	0	0	2	4	1
	Ferndale	173	2	3	40	125	3
	Lynden	101	0	1	31	69	0
	Nooksack	3	0	0	2	1	0
	Sumas	12	0	0	2	10	0
	Unincorporated	1,020	12	30	305	629	45
Whitman	Albion	3	0	0	1	2	0
	Colfax	42	0	0	4	33	5
	Colton	1	0	0	1	0	0
	Garfield	1	0	0	1	0	0
	LaCrosse	1	0	0	0	1	0
	Palouse	3	0	0	0	3	0
	Pullman	300	1	2	57	239	1
	Rosalia	2	0	0	0	2	0
	St. John	1	0	0	0	1	0
	Tekoa	2	0	0	1	0	1
	Unincorporated	280	3	11	88	176	2
Yakima	Grandview	61	2	0	12	46	1
	Granger	15	0	0	1	13	1
	Harrah	4	0	0	2	2	0
	Mabton	4	0	0	1	3	0
	Moxee	18	0	1	7	10	0
	Naches	15	1	2	4	8	0
	Selah	68	0	0	16	51	1
	Sunnyside	180	0	0	45	132	3
	Tieton	3	0	0	2	1	0
	Toppenish	113	0	0	16	90	7
	Union Gap	157	0	1	46	107	3
	Wapato	18	0	0	3	15	0
	Yakima	1,623	2	28	547	1,030	16
	Zillah	12	0	0	2	10	0
	Unincorporated	1,264	20	44	353	779	69

Appendix D: Additional Resources

American National Standard ANSI D16.1-2007: Manual on Classification of Motor Vehicle Traffic Accidents, Seventh Edition. http://www-nrd.nhtsa.dot.gov/Pubs/07D16.pdf

National Fatality Analysis Reporting System (FARS), National Highway Traffic Safety Administration (NHTSA). http://www.nhtsa.gov/FARS

Model Minimum Uniform Crash Criteria (MMUCC), 4th Edition. http://www.mmucc.us/

Police Traffic Collision Reporting Manual – Washington State Instruction Manual. http://www.wsp.wa.gov/publications/forms/ptcrmanl.pdf

U.S. Department of Transportation, Federal Highway Administration (FHWA). http://www.fhwa.dot.gov/

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