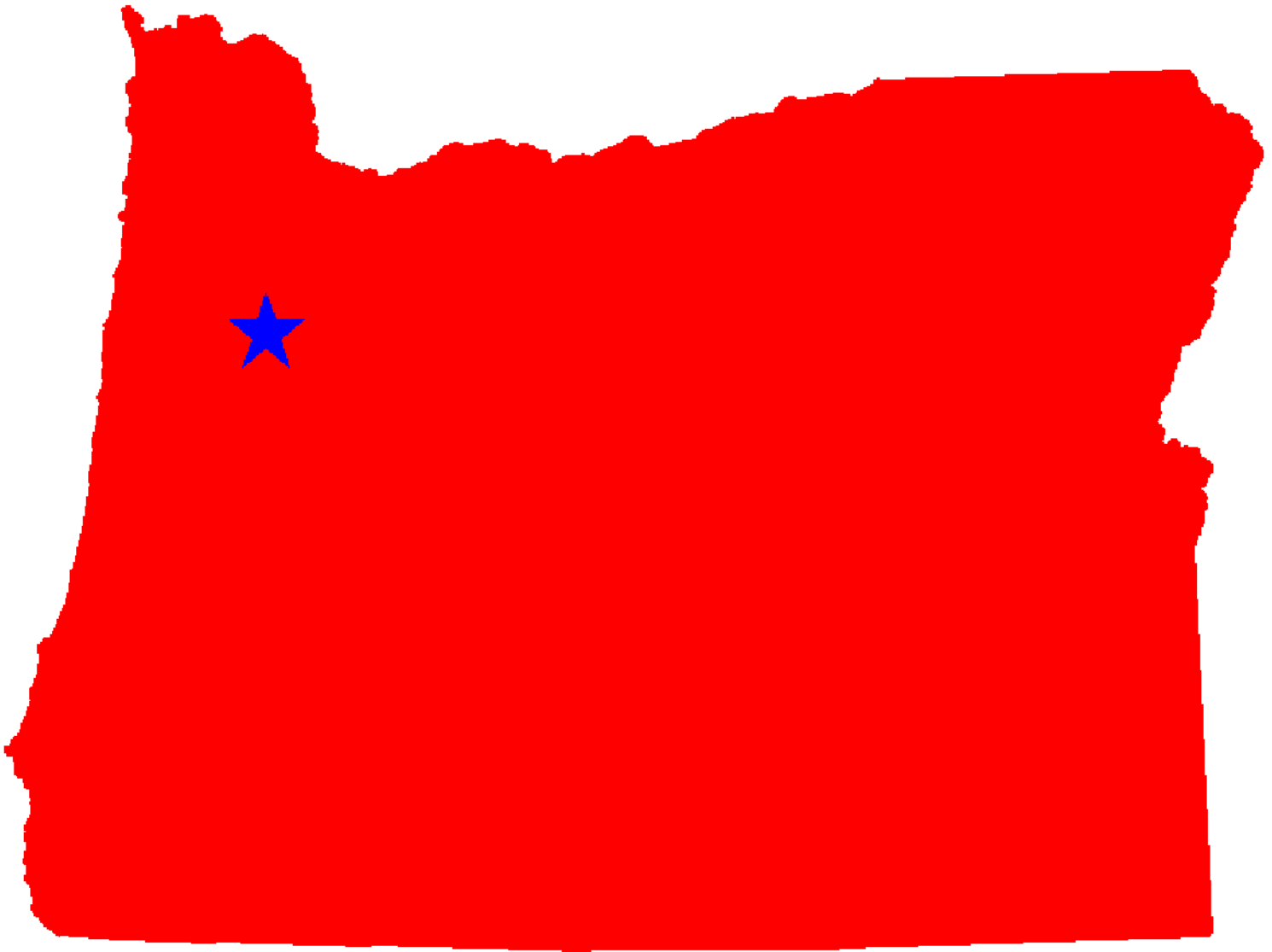




Traffic Safety Facts  
Oregon  
2014-2018



This Report Contains Data From the Following Sources:

- Fatality Data - NCSA Fatality Analysis Reporting System (FARS): 2014-2017 Final File and 2018 Annual Report File (ARF)
- Observed Safety Belt Data - NCSA National Occupant Protection Use Survey (NOPUS) and the Oregon State Survey
- Vehicle Miles of Travel Data and Motorcycle Registrations - Federal Highway Administration (FHWA)
- Population Data - U.S. Bureau of the Census



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Traffic Safety Performance (Core Outcome) Measures\* For Oregon

Core Outcome Measures		Year									
		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Traffic Fatalities	Total (C-1)	377	317	331	337	313	357	446	498	439	506
	Rural	292	216	217	229	199	237	282	309	237	328
	Urban	85	101	114	108	114	120	163	189	202	178
	Unknown	0	0	0	0	0	0	1	0	0	0
Fatalities Per 100 Million VMT**	Total (C-3)	1.11	0.94	0.99	1.02	0.93	1.03	1.24	1.36	1.19	
	Rural	1.93	1.45	1.48	1.58	1.33	1.76	1.97	2.12	1.63	
	Urban	0.45	0.54	0.61	0.58	0.61	0.57	0.75	0.85	0.91	
Passenger Vehicle Occupant Fatalities (All Seat Positions)	Total	268	195	215	199	216	232	289	342	285	290
	Restrained	151	126	127	119	138	137	169	198	185	156
	Unrestrained (C-4)	96	52	63	61	54	61	82	89	64	76
	Unknown	21	17	25	19	24	34	38	55	36	58
Alcohol-Impaired Driving Fatalities (BAC=.08+)***(C-5)		115	70	96	88	103	99	154	152	146	153
Speeding-Related Fatalities (C-6)		125	97	105	103	95	105	119	143	170	110
Motorcyclist Fatalities	Total (C-7)	53	38	40	51	34	46	61	55	57	78
	Helmeted	44	34	34	46	32	41	57	46	48	66
	Unhelmeted (C-8)	8	4	5	4	2	4	3	4	3	4
	Unknown	1	0	1	1	0	1	1	5	6	8
Drivers Involved in Fatal Crashes	Total	487	415	434	426	419	471	598	672	597	662
	Aged Under 15	0	0	0	0	0	0	0	0	0	1
	Aged 15-20	46	37	35	40	35	33	50	56	40	45
	Aged Under 21 (C-9)	46	37	35	40	35	33	50	56	40	46
	Aged 21 and Over	433	374	397	381	382	435	543	611	549	583
	Unknown Age	8	4	2	5	2	3	5	5	8	33
Pedestrian Fatalities (C-10)		35	56	46	55	48	57	69	71	70	80
Bicyclist and Other Cyclist Fatalities***** (C-11)		8	7	15	10	3	7	8	10	10	9
Observed Seat Belt Use**** (B-1)		96.6	97.0	96.6	96.8	98.2	97.8	95.5	96.2	96.8	95.8

\*These Performance Measures Were Developed By The National Highway Traffic Safety Administration (NHTSA) and the Governors Highway Safety Association (GHSA) (See Publication: DOT HS 811 025)

\*\*2018 State Vehicle Miles Traveled (VMT) Data is Not Yet Available

\*\*\*Based on the BAC of All Involved Drivers and Motorcycle Riders (Operators) Only \*\*\*\*Oregon Data: State Survey

\*\*\*\*\*On March 11th, 2014 GHSA and NHTSA agreed on bike fatalities as a newly required performance core measure

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Fatality Rates: Oregon , U.S. and Best State

Year		Fatalities	Total Vehicle Miles Traveled (Millions)	Fatalities Per 100 Million Vehicle Miles Traveled	Total Population	Fatalities Per 100,000 Population
2014	Oregon	357	34,610	1.03	3,964,106	9.01
	US	32,744	3,025,656	1.08	318,386,421	10.28
	Best State*			0.62		3.47
2015	Oregon	446	35,999	1.24	4,016,918	11.10
	US	35,484	3,095,373	1.15	320,742,673	11.06
	Best State*			0.57		3.41
2016	Oregon	498	36,719	1.36	4,091,404	12.17
	US	37,806	3,174,408	1.19	323,071,342	11.70
	Best State*			0.63		3.93
2017	Oregon	439	36,753	1.19	4,146,592	10.59
	US	37,473	3,212,347	1.17	325,147,121	11.52
	Best State*			0.55		4.46
2018	Oregon	506			4,190,713	12.07
	US	36,560			327,167,434	11.17
	Best State*					4.41

\*State (or States) With Lowest Rates: Lowest VMT and Population Rates Could Be in Different States  
 2018 National VMT is a Preliminary Estimate and Subject to Change  
 2018 State Vehicle Miles Traveled (VMT) Data is Not Yet Available

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Alcohol-Impaired Driving Fatalities\*\*:  
Oregon , U.S. and Best State

Year		Total Fatalities in all Crashes	Alcohol-Impaired Driving Fatalities (BAC = .08+)		
			Number	Percent	Per 100 Million VMT
2014	Oregon	357	99	28	0.29
	US	32,744	9,943	30	0.33
	Best State*			18	0.11
2015	Oregon	446	154	35	0.43
	US	35,484	10,280	29	0.33
	Best State*			17	0.14
2016	Oregon	498	152	31	0.41
	US	37,806	10,967	29	0.35
	Best State*			19	0.16
2017	Oregon	439	146	33	0.40
	US	37,473	10,908	29	0.34
	Best State*			19	0.14
2018	Oregon	506	153	30	
	US	36,560	10,511	29	
	Best State*			19	

\*State (or States) With Lowest Percents: Lowest Percents Could Be in Different States

\*\*Based on the BAC of All Involved Drivers and Motorcycle Riders (Operators) Only

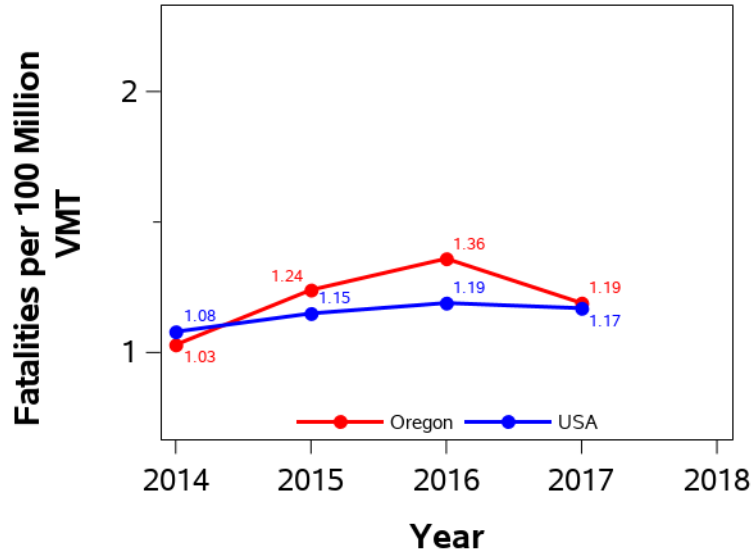
2018 National VMT is a Preliminary Estimate and Subject to Change

2018 State Vehicle Miles Traveled (VMT) Data is Not Yet Available

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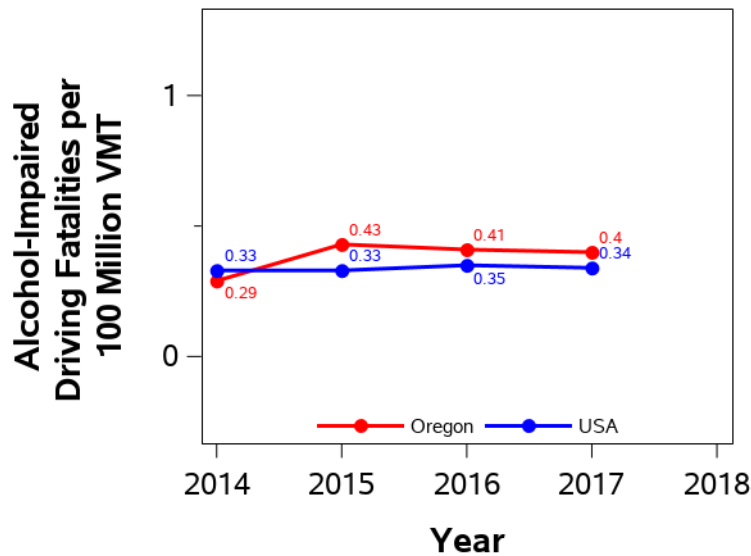


### Fatalities per 100 Million VMT



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### Alcohol-Impaired Driving Fatalities per 100 Million VMT



2018 National VMT is a Preliminary Estimate and Subject to Change  
 2018 State Vehicle Miles Traveled (VMT) Data is Not Yet Available

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Blood Alcohol Concentration (BAC) Reporting Rates  
 For Drivers/Motorcycle Riders (Operators)  
 Involved in Fatal Crashes:  
 Oregon , U.S. and Best State

Year		Surviving Drivers/Motorcycle Riders			Killed Drivers/Motorcycle Riders			Total Drivers/Motorcycle Riders		
		Total	With Blood Alcohol Concentration (BAC) Results Reported to FARS		Total	With Blood Alcohol Concentration (BAC) Results Reported to FARS		Total	With Blood Alcohol Concentration (BAC) Results Reported to FARS	
			Number	Percent		Number	Percent		Number	Percent
2014	Oregon	245	90	37	226	195	86	471	285	61
	US	23,883	6,781	28	20,788	15,352	74	44,671	22,133	50
	Best State*			88			96			89
2015	Oregon	315	119	38	283	251	89	598	370	62
	US	26,813	7,494	28	22,350	16,494	74	49,163	23,988	49
	Best State*			88			96			90
2016	Oregon	348	106	30	324	268	83	672	374	56
	US	28,684	7,486	26	23,715	16,924	71	52,399	24,410	47
	Best State*			88			96			87
2017	Oregon	319	85	27	278	235	85	597	320	54
	US	28,995	7,329	25	23,757	17,000	72	52,752	24,329	46
	Best State*			93			94			89
2018	Oregon	351	71	20	311	220	71	662	291	44
	US	28,565	6,632	23	22,925	14,788	65	51,490	21,420	42
	Best State*			80			93			83

\*State (or States) With Highest Percents: Highest Percents Could Be in Different States

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Daytime Front Seat (Outboard Only) Passenger Vehicle Occupants, Aged 5 and Over, by Restraint Use:  
Fatalities and Observed  
Oregon , U.S. and Best State

Year		Fatalities - Restrained**	Observed - Restrained***
		Percent	Percent
2014	Oregon	80	97.8
	US	61	86.7
	Best State*	80	97.8
2015	Oregon	80	95.5
	US	62	88.5
	Best State*	80	97.3
2016	Oregon	77	96.2
	US	61	90.1
	Best State*	100	97.2
2017	Oregon	83	96.8
	US	61	89.7
	Best State*	100	97.1
2018	Oregon	78	95.8
	US	62	89.6
	Best State*	100	97.8

\*State With Highest Percent. Fatal Crash and Observed Percents Can Be Different States

\*\*Percent Based Only Where Restraint Use Was Known

\*\*\*USA Data: National Occupant Protection Use Survey. Oregon Data: State Survey

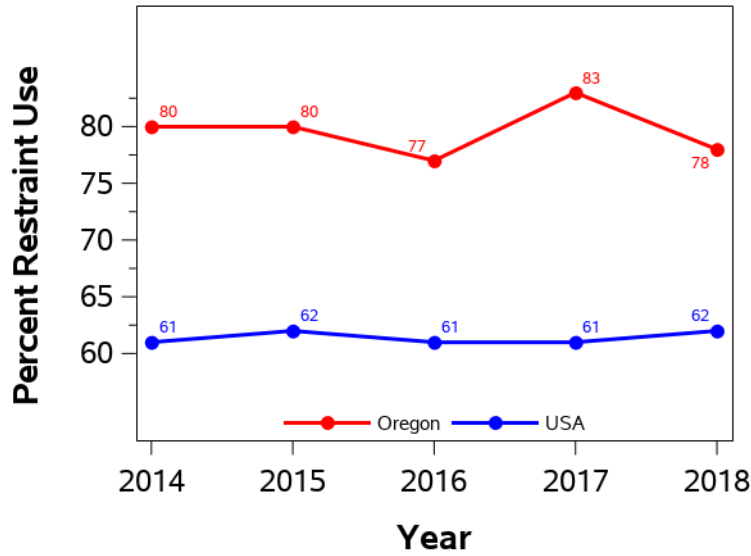
Note: The Purpose of this Table is to Compare (as closely as possible) the Use of Restraint Systems  
by Fatally Injured Occupants with Occupants in all Driving Situations

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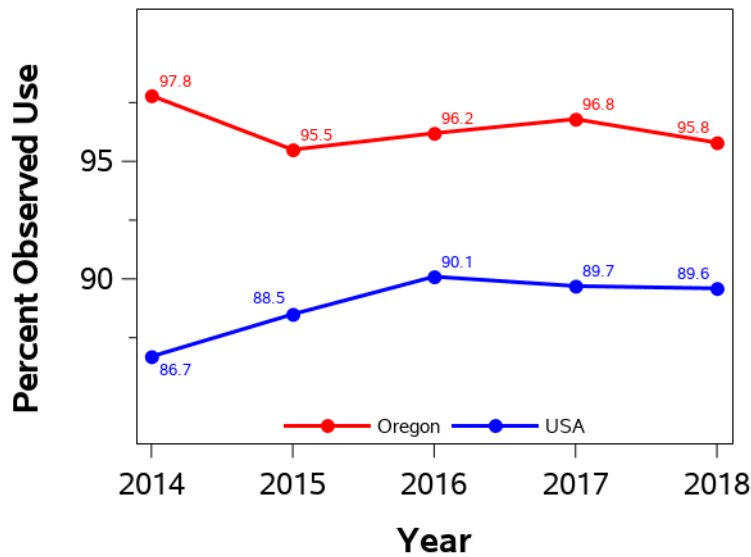
Daytime Front Seat (Outboard Only) Passenger Vehicle Occupant Fatalities, Aged 5 and Over, by Percent Restraint Use\*



\*Percent Based Only Where Restraint Use Was Known

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Daytime Front Seat (Outboard Only) Passenger Vehicle Occupants Observed, Aged 5 and Over, by Percent Restraint Use\*



\*USA Data: National Occupant Protection Use Survey. Oregon Data: State Survey

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Oregon Passenger Vehicle Occupant Fatalities Age 5 and Above  
by Restraint Use and Lives Saved Estimates

Year	Fatalities Age 5 and Above					Lives Saved Estimates**	
	Total	Restrained	Unrestrained	Unknown Restraint Use	Percent Known Restrained*	Lives Saved at Current Belt Use	Additional Lives Savable at 100% Belt Usage
2014	231	136	61	34	69	187	8
2015	287	167	82	38	67	225	17
2016	339	196	89	54	69	290	16
2017	279	179	64	36	74	255	12
2018	287	154	76	57	67		

\*Percent Based Only Where Restraint Use Was Known

\*\*Lives Saved Estimates (Sum of columns may not equal other published numbers due to rounding)

\*\*2018 Lives Saved Data is Currently Not Available

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Oregon Passenger Vehicle Occupant Fatalities Age 4 and Under  
by Restraint Use and Lives Saved Estimates

Year	Fatalities Age 4 and Under					Lives Saved Estimates**
	Total	Restrained	Unrestrained	Unknown Restraint Use	Percent Known Restrained*	Lives Saved at Current Seat Belt and Child Safety Seat Usage
2014	1	1	0	0	100	2
2015	2	2	0	0	100	3
2016	3	2	0	1	100	4
2017	6	6	0	0	100	8
2018	3	2	0	1	100	

\*Percent Based Only Where Restraint Use Was Known

\*\*Lives Saved Estimates

\*\*2018 Lives Saved Data is Currently Not Available

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Oregon Motorcyclist Fatalities  
by Helmet Use and Lives Saved Estimates

Year	Fatalities					Lives Saved Estimates**	
	Total	Helmeted	Unhelmeted	Unknown Helmet Use	Percent Known Helmeted*	Lives Saved at Current Helmet Use	Additional Lives Savable at 100% Helmet Usage
2014	46	41	4	1	91	25	2
2015	61	57	3	1	95	34	1
2016	55	46	4	5	92	30	2
2017	57	48	3	6	94	32	1
2018	78	66	4	8	94		

\*Percent Based Only Where Helmet Use Was Known

\*\*Lives Saved Estimates (Sum of columns may not equal other published numbers due to rounding)

\*\*2018 Lives Saved Data is Currently Not Available

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Oregon Fatalities by Person Type

Person Type		2014		2015		2016		2017		2018	
		#	%*	#	%*	#	%*	#	%*	#	%*
Occupants	Passenger Car	128	36	152	34	182	37	158	36	144	28
	Light Truck - Pickup	56	16	60	13	67	13	60	14	55	11
	Light Truck - Utility	43	12	56	13	68	14	47	11	71	14
	Light Truck - Van	5	1	20	4	24	5	14	3	20	4
	Light Truck - Other	0	0	1	0	1	0	6	1	0	0
	Large Truck	7	2	8	2	10	2	10	2	12	2
	Bus	0	0	1	0	0	0	0	0	0	0
	Other/Unknown Occupants	8	2	5	1	7	1	3	1	35	7
	<b>Total Occupants</b>	247	69	303	68	359	72	298	68	337	67
Motorcyclists	<b>Total Motorcyclists</b>	46	13	61	14	55	11	57	13	78	15
Nonoccupants	Pedestrian	57	16	69	15	71	14	70	16	80	16
	Bicyclist and Other Cyclist	7	2	8	2	10	2	10	2	9	2
	Other/Unknown Nonoccupants	0	0	5	1	3	1	4	1	2	0
	<b>Total Nonoccupants</b>	64	18	82	18	84	17	84	19	91	18
<b>Total</b>	<b>Total</b>	357	100	446	100	498	100	439	100	506	100

\*Sum of Percents May Not = 100 Due to Individual Cell Rounding

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Oregon Fatalities by Crash Type

Crash Type	2014	2015	2016	2017	2018
<b>Total Fatalities (All Crashes)*</b>	357	446	498	439	506
<b>- (1) Single Vehicle</b>	220	280	266	253	280
<b>- (2) Involving a Large Truck</b>	32	53	56	54	71
<b>- (3) Involving Speeding</b>	105	119	143	170	110
<b>- (4) Involving a Rollover</b>	90	109	95	93	100
<b>- (5) Involving a Roadway Departure</b>	228	278	309	280	285
<b>- (6) Involving an Intersection (or Intersection Related)</b>	71	90	87	69	88

(1) Crash Involved Only One Coded Vehicle

(2) Crash Involved at Least One Large Truck

(3) Crash Involved at Least One Vehicle Speeding

(4) Crash Involved at Least One Vehicle That Rolled Over

(5) Crash Involved at Least One Vehicle That Departed the Roadway (FHWA Definition)

(6) Crash Occured Within an Intersection or Within the Approach to an Intersection

\*A Fatality Can Be in More Than One Category. Therefore Sum of the Individual Cells Will Not Equal the Total Due to Double Counting

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Oregon Motorcyclist Fatalities by Age

Year	Age						Total
	<20	20-29	30-39	40-49	50-59	>59	
2014	0	7	9	8	14	8	46
2015	0	8	9	14	14	16	61
2016	4	9	12	7	8	15	55
2017	1	8	6	13	12	17	57
2018	0	13	17	14	9	25	78

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Oregon Motorcyclist Fatalities Per 100,000 Registered Motorcycles

Year	Motorcyclist Fatalities	Total Motorcycle Registrations*	Motorcyclist Fatalities Per 100,000 Motorcycle Registrations
2014	46	88,247	52.13
2015	61	128,308	47.54
2016	55	136,238	40.37
2017	57	142,738	39.93
2018	78		

\*Data Source: FHWA

\*2018 Motorcycle Registrations are Not Yet Available

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Oregon Fatalities by Person Type and Race/Hispanic Origin

Person Type by Race/Hispanic Origin		2014	2015	2016	2017
Occupants (All Vehicle Types)	Hispanic	25	31	41	34
	White Non-Hispanic	246	302	347	302
	Black, Non-Hispanic	10	12	9	5
	American Indian, Non-Hispanic/Unknown	6	8	7	9
	Asian, Non-Hispanic/Unknown	3	7	5	2
	Pacific Islander, Non-Hispanic/Unknown	0	0	1	0
	Multiple Races, Non-Hispanic/Unknown	1	2	1	0
	All Other Non-Hispanic or Race	2	2	3	2
	Unknown Race and Unknown Hispanic	0	0	0	1
	<i>Total</i>	293	364	414	355
Non-Occupants (Pedestrians, Pedalcyclists and Other/Unknown NonOccupants)					
	Hispanic	9	6	7	10
	White Non-Hispanic	47	69	66	62
	Black, Non-Hispanic	5	3	2	2
	American Indian, Non-Hispanic/Unknown	1	2	1	3
	Asian, Non-Hispanic/Unknown	2	2	4	5
	Pacific Islander, Non-Hispanic/Unknown	0	0	0	0
	Multiple Races, Non-Hispanic/Unknown	0	0	0	0
	All Other Non-Hispanic or Race	0	0	3	1
	Unknown Race and Unknown Hispanic	0	0	1	1
	<i>Total</i>	64	82	84	84
<b>Total</b>	357	446	498	439	

2018 Race/Hispanic Origin Data is Not Yet Complete

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5 Year Trend For The Top 10 Counties of 2018 - Fatalities

Oregon Counties by 2018 Ranking		Fatalities					Percent of Total				
		2014	2015	2016	2017	2018	2014	2015	2016	2017	2018
1	Multnomah County	28	41	55	58	50	8	9	11	13	10
2	Lane County	45	57	45	33	48	13	13	9	8	9
3	Clackamas County	38	27	44	29	40	11	6	9	7	8
4	Marion County	25	24	37	40	35	7	5	7	9	7
5	Jackson County	17	25	34	24	33	5	6	7	5	7
6	Douglas County	27	31	16	23	31	8	7	3	5	6
7	Linn County	16	26	18	16	27	4	6	4	4	5
8	Washington County	16	28	30	21	27	4	6	6	5	5
9	Josephine County	13	24	24	19	20	4	5	5	4	4
10	Deschutes County	13	13	24	21	16	4	3	5	5	3
<b>Sub Total 1.*</b>	<b>Top Ten Counties</b>	238	298	327	285	327	67	67	66	65	65
<b>Sub Total 2.**</b>	<b>All Other Counties</b>	119	148	171	154	179	33	33	34	35	35
<b>Total</b>	<b>All Counties</b>	357	446	498	439	506	100	100	100	100	100

\*This Sub Total is the Total for the Top Ten Counties  
 \*\*This Sub Total is the Total for all Counties Outside the Top Ten

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5 Year Trend For The Top 10 Counties of 2018 - Fatalities Year to Year Percent Change

Oregon Counties by 2018 Ranking		Fatalities					Percent Change From Previous Year			
		2014	2015	2016	2017	2018	2015	2016	2017	2018
1	Multnomah County	28	41	55	58	50	46	34	5	-14
2	Lane County	45	57	45	33	48	27	-21	-27	45
3	Clackamas County	38	27	44	29	40	-29	63	-34	38
4	Marion County	25	24	37	40	35	-4	54	8	-13
5	Jackson County	17	25	34	24	33	47	36	-29	38
6	Douglas County	27	31	16	23	31	15	-48	44	35
7	Linn County	16	26	18	16	27	63	-31	-11	69
8	Washington County	16	28	30	21	27	75	7	-30	29
9	Josephine County	13	24	24	19	20	85	0	-21	5
10	Deschutes County	13	13	24	21	16	0	85	-13	-24
<b>Sub Total 1.*</b>	<b>Top Ten Counties</b>	238	298	327	285	327	25	10	-13	15
<b>Sub Total 2.**</b>	<b>All Other Counties</b>	119	148	171	154	179	24	16	-10	16
<b>Total</b>	<b>All Counties</b>	357	446	498	439	506	25	12	-12	15

\*This Sub Total is the Total for the Top Ten Counties  
 \*\*This Sub Total is the Total for all Counties Outside the Top Ten

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5 Year Trend For The Top 10 Counties of 2018 - Fatality Rates

Median Rate for all U.S. Counties: 17

Oregon Counties by 2018 Ranking		Fatalities Per 100,000 Population				
		2014	2015	2016	2017	2018
1	Sherman County	58.41	118.41	58.45	0.00	234.19
2	Harney County	70.16	41.96	68.99	41.17	177.38
3	Wheeler County	0.00	75.41	0.00	295.20	73.21
4	Lake County	0.00	25.70	38.25	0.00	63.46
5	Gilliam County	0.00	0.00	215.40	107.24	52.80
6	Baker County	31.23	37.80	43.88	24.88	49.98
7	Tillamook County	19.74	27.38	11.48	11.29	44.80
8	Jefferson County	45.03	26.60	39.03	33.76	37.20
9	Crook County	4.77	18.64	8.96	21.65	29.33
10	Wallowa County	73.77	0.00	28.94	14.21	28.24
<b>Sub Rate 1.*</b>	<b>Top Ten Counties</b>	28.64	30.97	41.98	32.94	52.49
<b>Sub Rate 2.**</b>	<b>All Other Counties</b>	7.72	9.57	11.11	9.47	10.90
<b>Total Rate</b>	<b>All Counties</b>	9.01	11.10	12.17	10.59	12.07

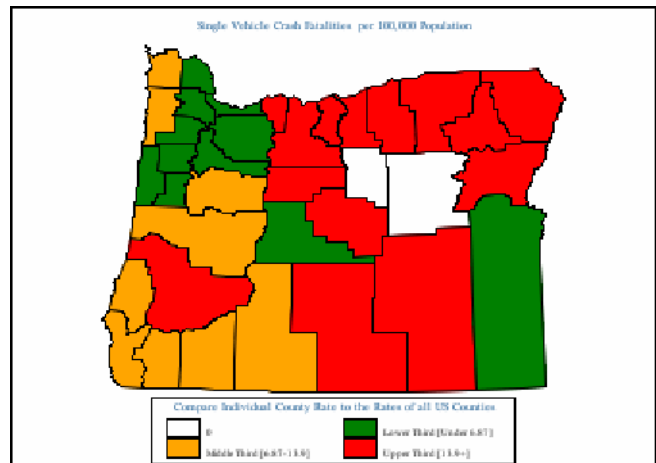
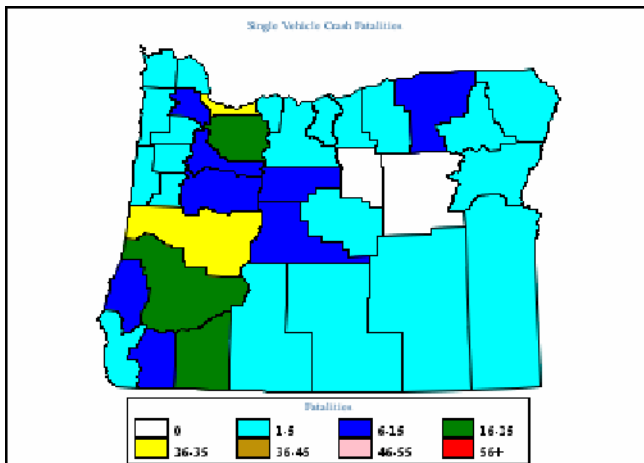
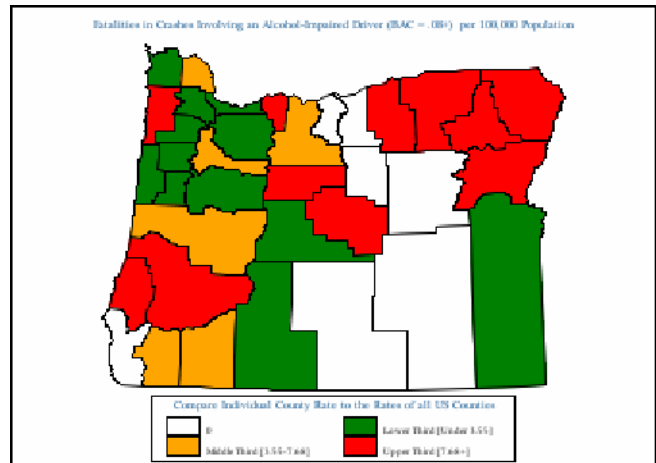
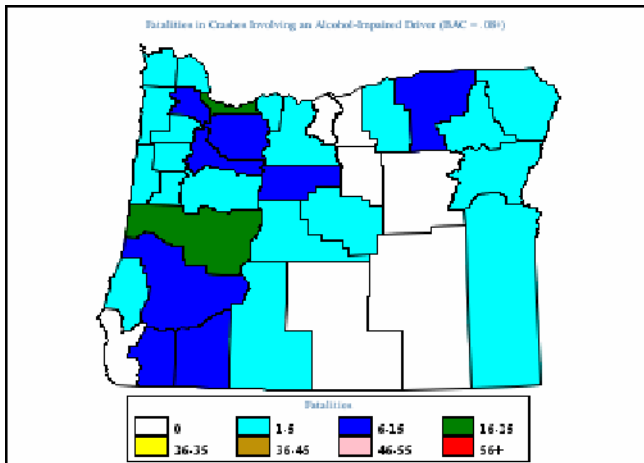
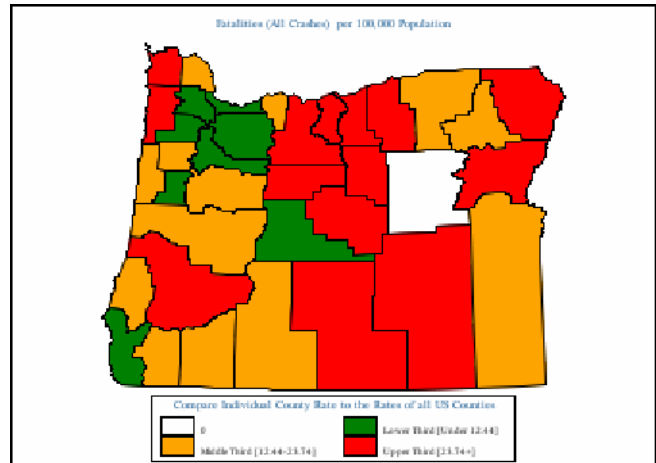
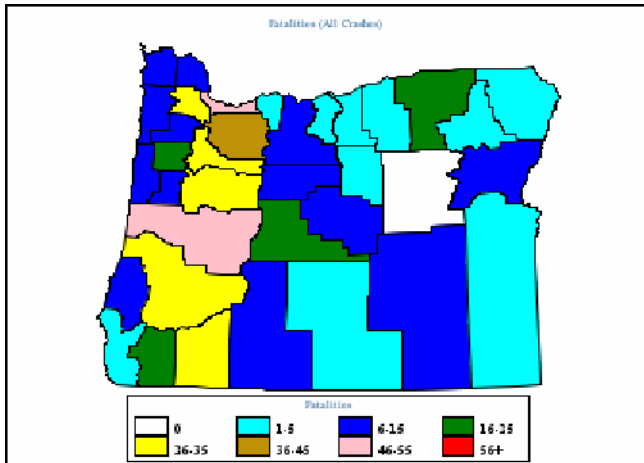
\*This Sub Rate is the Rate for the Top Ten Counties

\*\*This Sub Rate is the Rate for all Counties Outside the Top Ten

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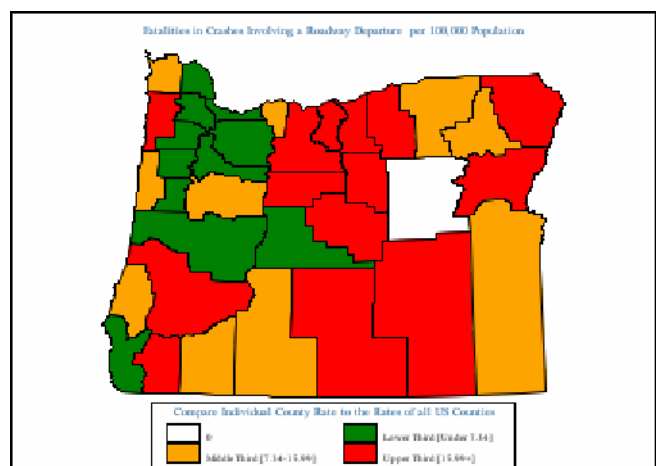
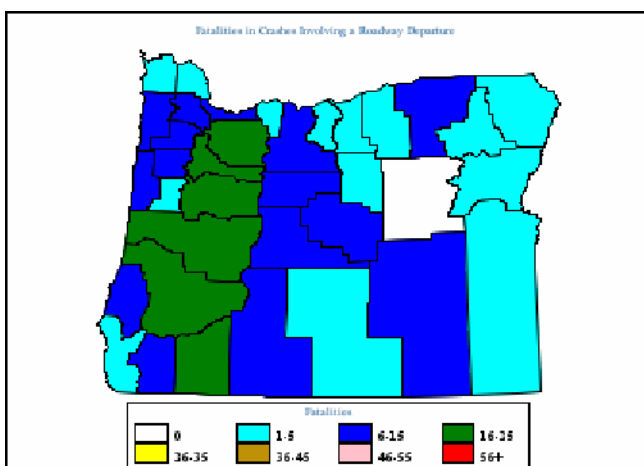
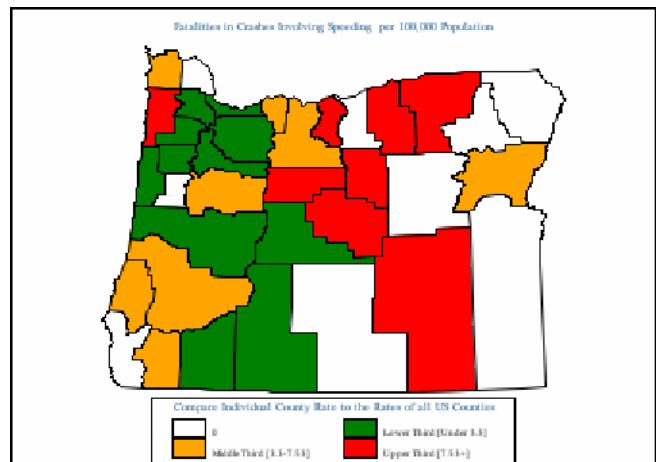
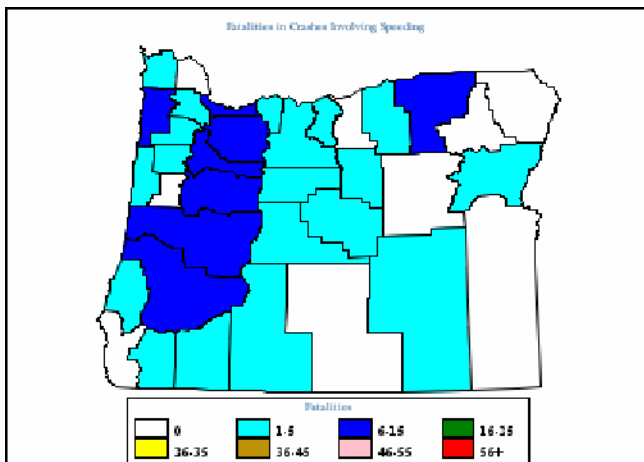
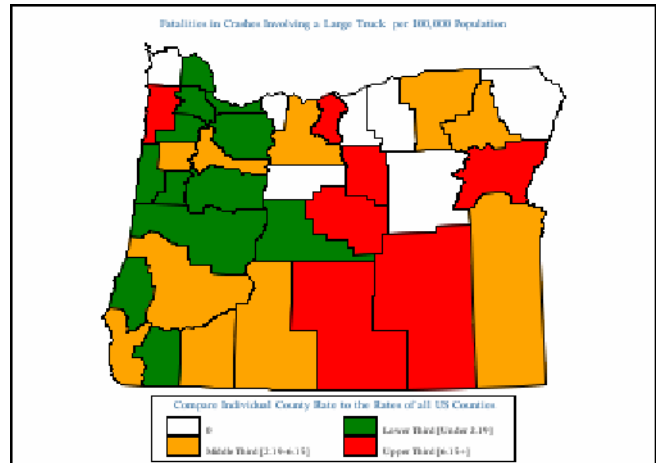
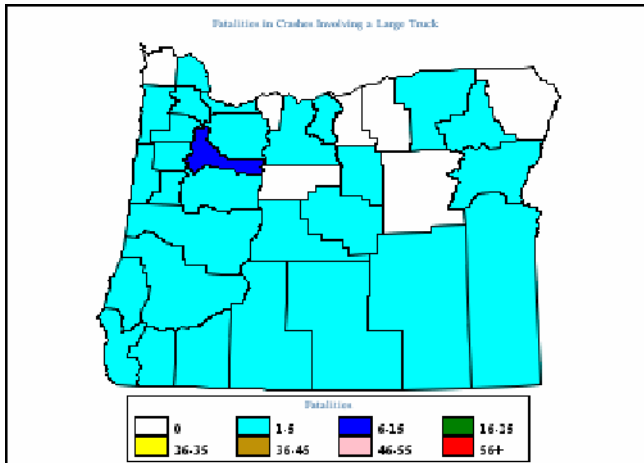


Oregon Motor Vehicle Crash Fatality Maps for 2018



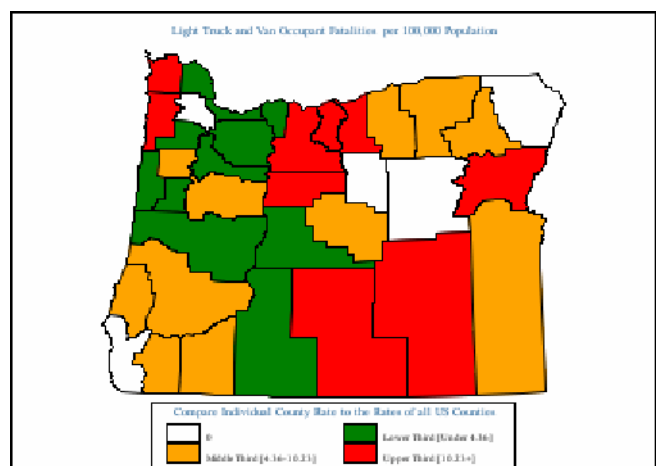
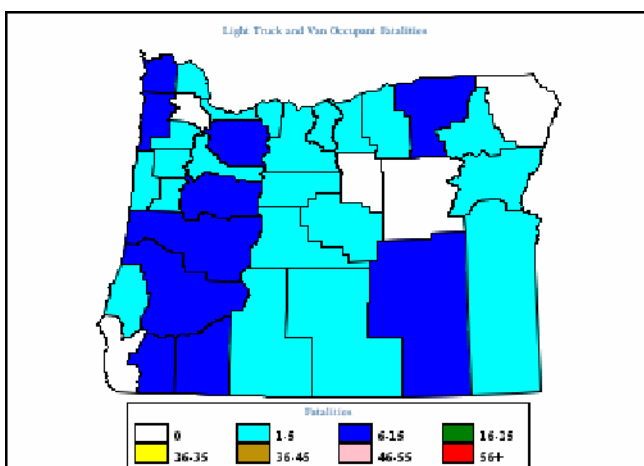
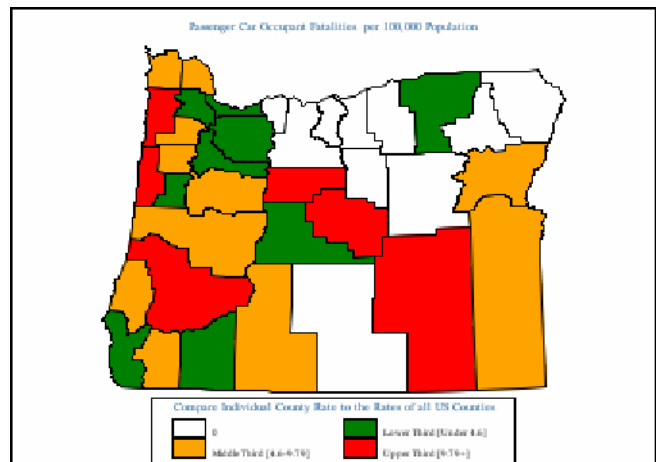
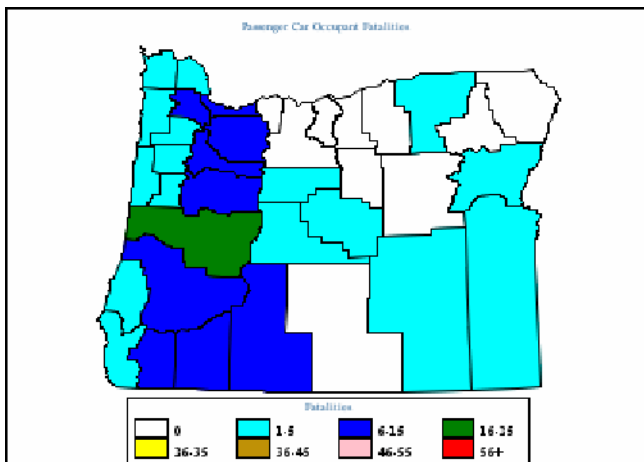
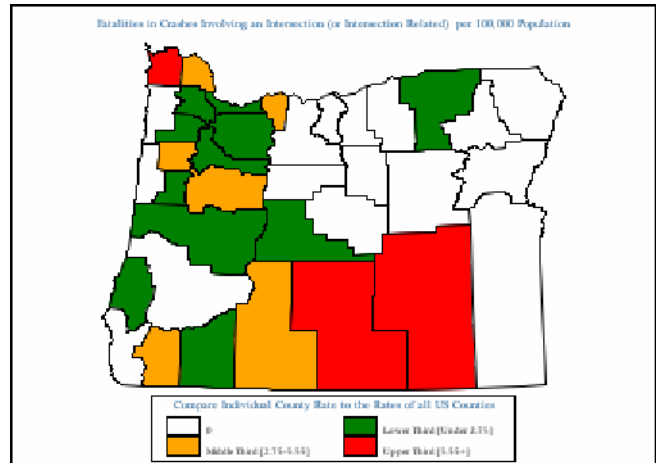
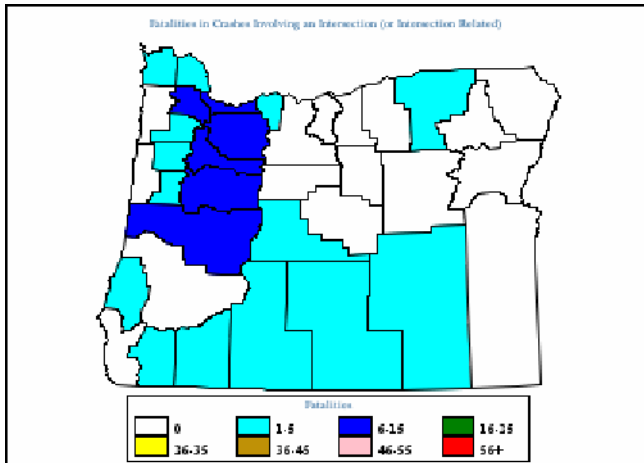


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