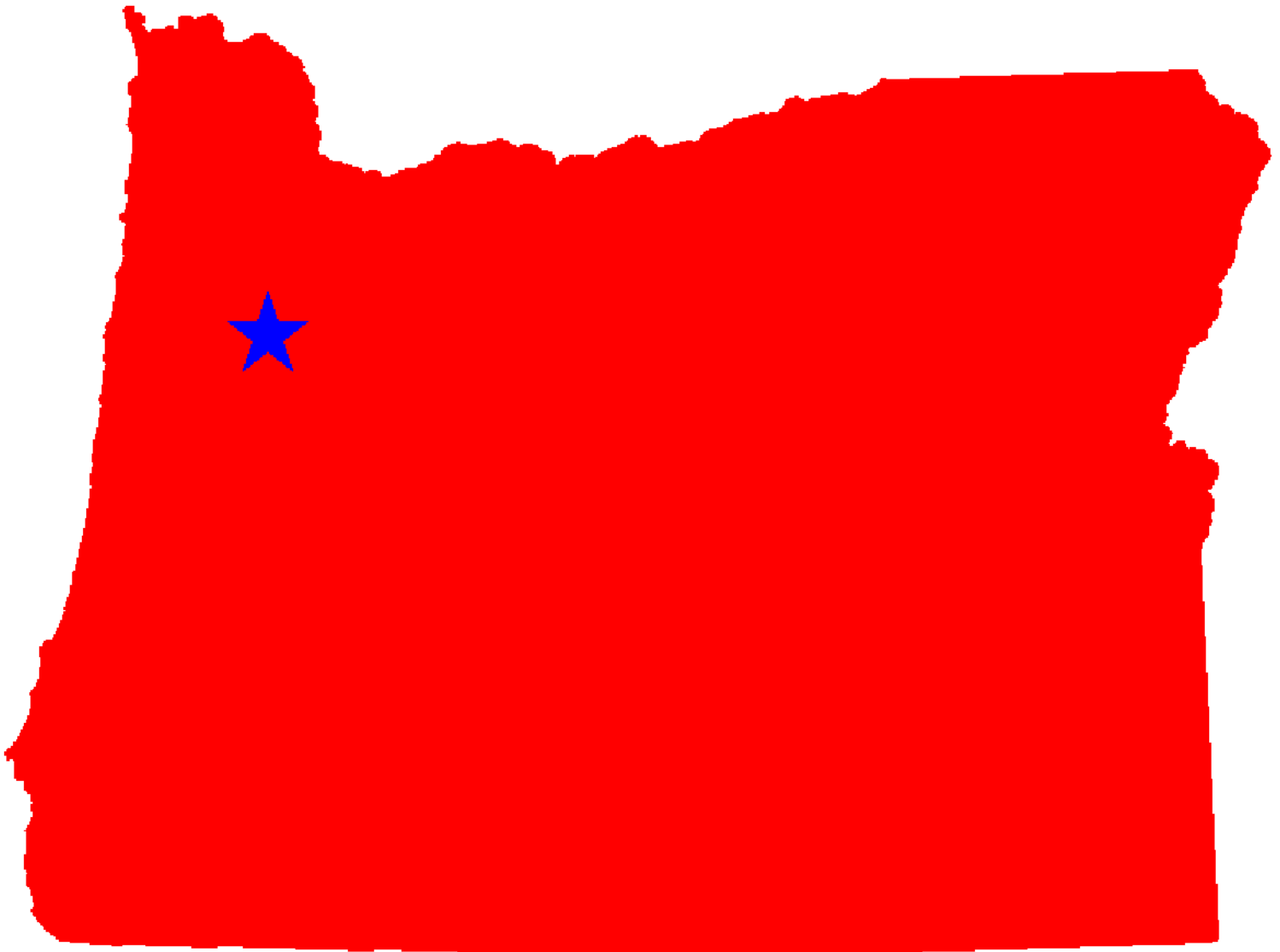




Traffic Safety Facts
Oregon
2008-2012



This Report Contains Data From the Following Sources:

Fatality Data - NCSA Fatality Analysis Reporting System (FARS): 2008-2011 Final File and 2012 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				
		2008	2009	2010	2011	2012
Traffic Fatalities	Total	416	377	317	331	336
	Rural	300	292	216	217	229
	Urban	116	85	101	114	107
	Unknown	0	0	0	0	0
Fatalities Per 100 Million Vehicle Miles Driven**	Total	1.24	1.11	0.94	0.99	
	Rural	2.03	1.93	1.45	1.48	
	Urban	0.62	0.45	0.54	0.61	
Passenger Vehicle Occupant Fatalities (All Seat Positions)	Total	289	268	195	215	198
	Restrained	166	151	126	127	116
	Unrestrained	91	96	52	63	61
	Unknown	32	21	17	25	21
Alcohol-Impaired Driving Fatalities (BAC=.08+)**		137	115	70	96	86
Speeding-Related Fatalities		147	125	97	105	102
Motorcyclist Fatalities	Total	48	53	38	40	52
	Helmeted	46	44	34	34	47
	Unhelmeted	1	8	4	5	4
	Unknown	1	1	0	1	1
Drivers Involved in Fatal Crashes	Total	519	487	415	434	426
	Aged Under 15	0	0	0	0	0
	Aged 15-20	34	46	37	35	39
	Aged Under 21	34	46	37	35	39
	Aged 21 and Over	477	433	374	397	384
	Unknown Age	8	8	4	2	3
Pedestrian Fatalities		51	35	56	46	55

*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)

**2012 State Vehicle Miles Traveled (VMT) Data is Not Yet Available

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

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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
2008	Oregon	416	33,468	1.24	3,768,748	11.04
	US	37,423	2,976,528	1.26	304,093,966	12.31
	Best State*			0.67		5.63
2009	Oregon	377	33,972	1.11	3,808,600	9.90
	US	33,883	2,956,764	1.15	306,771,529	11.05
	Best State*			0.62		4.90
2010	Oregon	317	33,774	0.94	3,838,212	8.26
	US	32,999	2,967,266	1.11	309,326,225	10.67
	Best State*			0.64		3.97
2011	Oregon	331	33,373	0.99	3,868,229	8.56
	US	32,479	2,946,131	1.10	311,587,816	10.42
	Best State*			0.65		4.36
2012	Oregon	336			3,899,353	8.62
	US	33,561			313,914,040	10.69
	Best State*					2.37

*State (or States) With Lowest Rates: Lowest VMT and Population Rates Could Be in Different States

2012 National VMT is a Preliminary Estimate and Subject to Change

2012 State Vehicle Miles Traveled (VMT) Data is Not Yet Available

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Fatalities By The Highest Blood Alcohol Concentration (BAC) in the Crash:**
Oregon , U.S. and Best State
(Old Definition)

Year		Total Fatalities in all Crashes	Highest BAC level in the Crash					
			BAC = .01+			BAC = .08+		
			Number	Percent	Per 100 Million VMT	Number	Percent	Per 100 Million VMT
2008	Oregon	416	180	43	0.54	157	38	0.47
	US	37,423	15,449	41	0.52	13,258	35	0.45
	Best State*			21	0.21		16	0.16
2009	Oregon	377	155	41	0.46	129	34	0.38
	US	33,883	14,179	42	0.48	12,149	36	0.41
	Best State*			25	0.24		18	0.17
2010	Oregon	317	116	37	0.34	94	30	0.28
	US	32,999	13,323	40	0.45	11,462	35	0.39
	Best State*			23	0.21		20	0.19
2011	Oregon	331	132	40	0.40	113	34	0.34
	US	32,479	13,184	41	0.45	11,388	35	0.39
	Best State*			28	0.23		18	0.17
2012	Oregon	336	132	39		110	33	
	US	33,561	13,754	41		11,904	35	
	Best State*			24			21	

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

**Based on the BAC of All Involved Drivers, Motorcycle Riders (Operators), Pedalcyclists and Pedestrians
 2012 National VMT is a Preliminary Estimate and Subject to Change
 2012 State Vehicle Miles Traveled (VMT) Data is Not Yet Available

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Alcohol-Impaired Driving Fatalities**:
Oregon , U.S. and Best State
(New Definition)

Year		Total Fatalities in all Crashes	Alcohol-Impaired Driving Fatalities (BAC = .08+)		
			Number	Percent	Per 100 Million VMT
2008	Oregon	416	137	33	0.41
	US	37,423	11,711	31	0.39
	Best State*			16	0.16
2009	Oregon	377	115	31	0.34
	US	33,883	10,759	32	0.36
	Best State*			17	0.16
2010	Oregon	317	70	22	0.21
	US	32,999	10,136	31	0.34
	Best State*			18	0.17
2011	Oregon	331	96	29	0.29
	US	32,479	9,865	30	0.33
	Best State*			17	0.16
2012	Oregon	336	86	26	
	US	33,561	10,322	31	
	Best State*			16	

*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

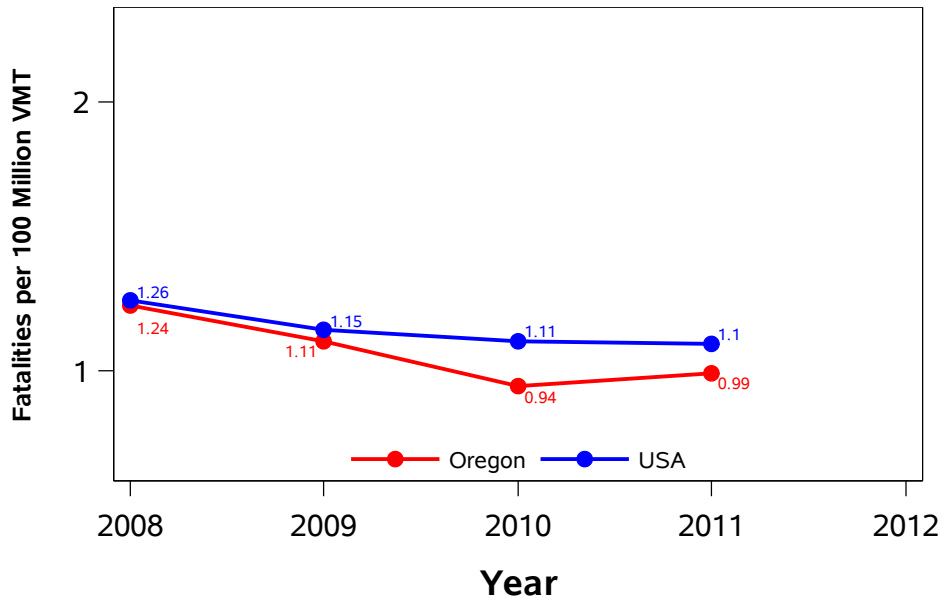
2012 National VMT is a Preliminary Estimate and Subject to Change

2012 State Vehicle Miles Traveled (VMT) Data is Not Yet Available

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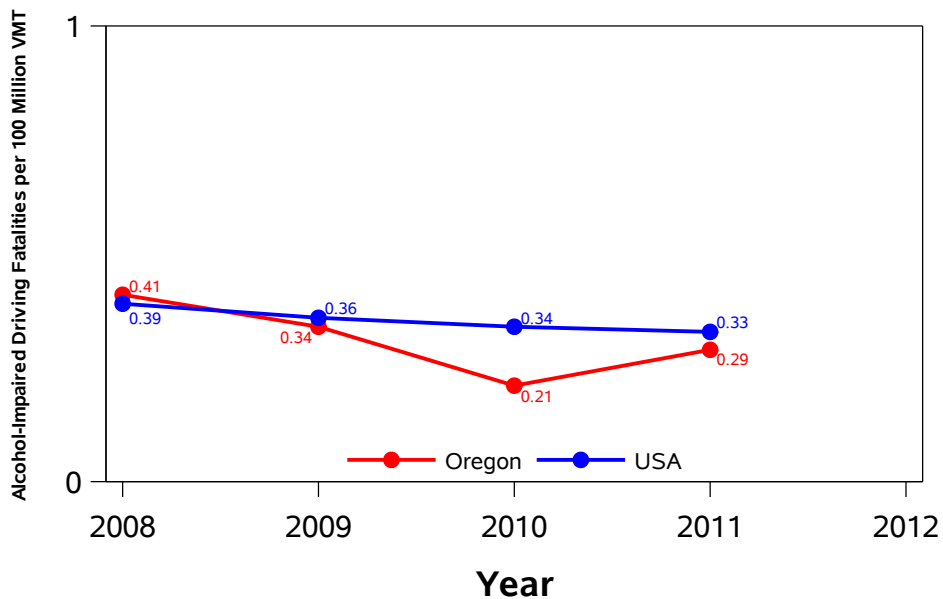


Fatalities per 100 Million VMT



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Alcohol-Impaired Driving Fatalities per 100 Million VMT



2012 National VMT is a Preliminary Estimate and Subject to Change
2012 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
2008	Oregon	264	123	47	255	238	93	519	361	70
	US	26,162	7,656	29	24,254	18,415	76	50,416	26,071	52
	Best State*			81			99			85
2009	Oregon	239	100	42	248	222	90	487	322	66
	US	23,502	7,188	31	21,835	16,753	77	45,337	23,941	53
	Best State*			86			100			90
2010	Oregon	244	98	40	171	151	88	415	249	60
	US	23,527	7,927	34	21,072	16,405	78	44,599	24,332	55
	Best State*			92			100			91
2011	Oregon	227	85	37	207	193	93	434	278	64
	US	23,025	7,484	33	20,815	15,846	76	43,840	23,330	53
	Best State*			88			98			93
2012	Oregon	231	88	38	195	178	91	426	266	62
	US	23,943	6,653	28	21,394	14,792	69	45,337	21,445	47
	Best State*			88			95			91

*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
2008	Oregon	77	96
	US	56	83
	Best State*	78	97
2009	Oregon	74	97
	US	58	84
	Best State*	77	98
2010	Oregon	85	97
	US	59	85
	Best State*	100	98
2011	Oregon	78	97
	US	59	84
	Best State*	80	98
2012	Oregon	79	97
	US	58	86
	Best State*	79	97

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

**Percent Based Only Where Restraint Use Was Known

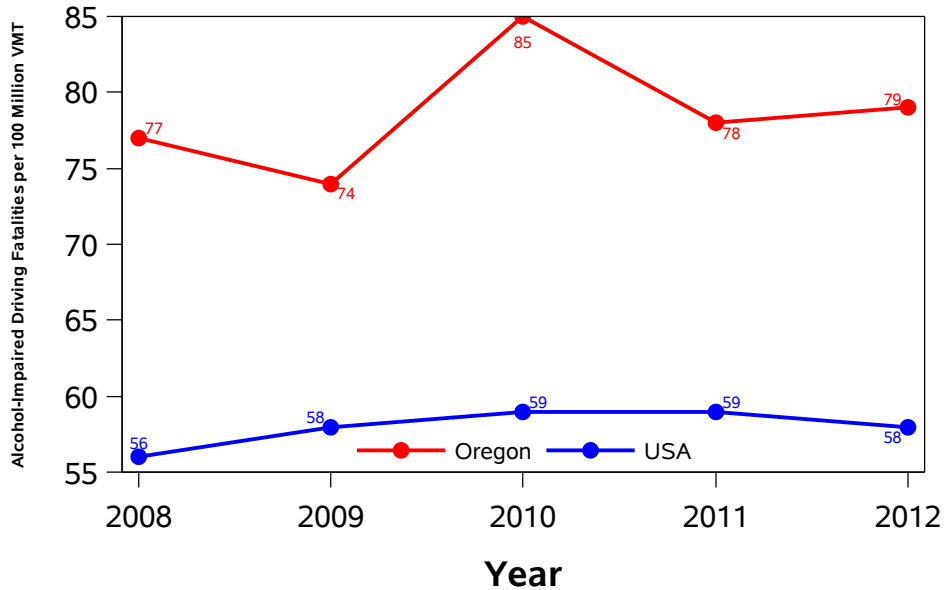
***USA Data: National Occupant Protection Use Survey. Oregon Data: State Survey

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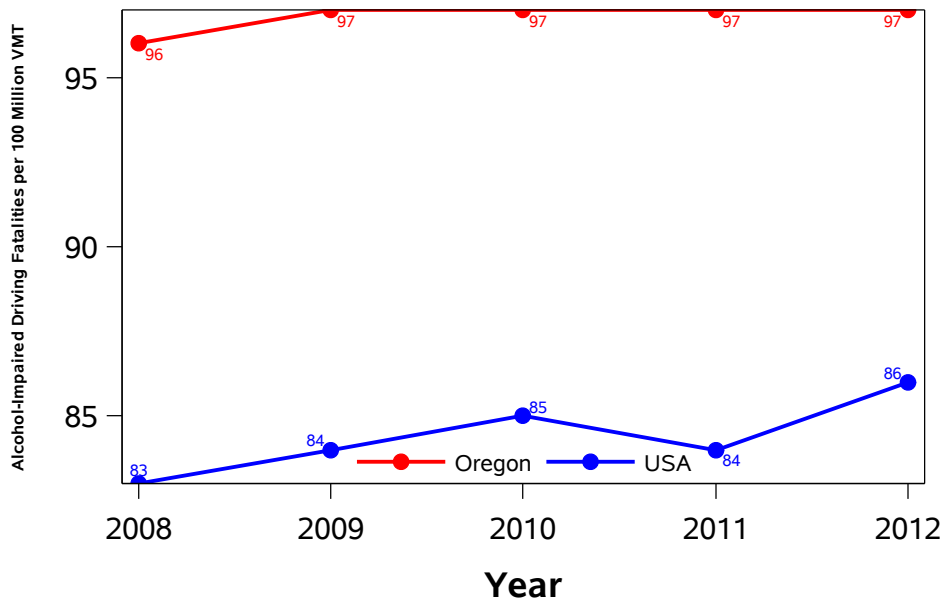
Daytime Front Seat (Outboard Only) Passenger Vehicle Occupant Fatalities, Aged 5 and Over, by Percent Restraint Use*



*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
2008	285	163	91	31	64	217	25
2009	267	150	96	21	61	195	15
2010	192	125	50	17	71	161	12
2011	213	126	62	25	67	168	14
2012	196	116	60	20	66	146	10

*Percent Based Only Where Restraint Use Was Known

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

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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	
2008	4	3	0	1	100	5	
2009	1	1	0	0	100	1	
2010	3	1	2	0	33	1	
2011	2	1	1	0	50	1	
2012	2	0	1	1	0	0	

*Percent Based Only Where Restraint Use Was Known

**Lives Saved Estimates

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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
2008	48	46	1	1	98	28	0
2009	53	44	8	1	85	27	3
2010	38	34	4	0	89	20	2
2011	40	34	5	1	87	21	2
2012	52	47	4	1	92	28	

*Percent Based Only Where Helmet Use Was Known

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

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Oregon Fatalities by Person Type

Person Type		2008		2009		2010		2011		2012	
		#	%*	#	%*	#	%*	#	%*	#	%*
Occupants	Passenger Car	160	38	135	36	109	34	115	35	101	30
	Light Truck - Pickup	62	15	71	19	51	16	49	15	46	14
	Light Truck - Utility	51	12	46	12	26	8	39	12	42	13
	Light Truck - Van	16	4	16	4	9	3	12	4	7	2
	Light Truck - Other	0	0	0	0	0	0	0	0	2	1
	Large Truck	5	1	5	1	13	4	9	3	2	1
	Bus	1	0	0	0	0	0	1	0	10	3
	Other/Unknown Occupants	7	2	6	2	2	1	4	1	5	1
	Total Occupants	302	73	279	74	210	66	229	69	215	64
Motorcyclists	Total Motorcyclists	48	12	53	14	38	12	40	12	52	15
Nonoccupants	Pedestrian	51	12	35	9	56	18	46	14	55	16
	Bicyclist and Other Cyclist	10	2	8	2	7	2	15	5	10	3
	Other/Unknown Nonoccupants	5	1	2	1	6	2	1	0	4	1
	Total Nonoccupants	66	16	45	12	69	22	62	19	69	21
Total	Total	416	100	377	100	317	100	331	100	336	100

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

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Oregon Fatalities by Crash Type

Crash Type	2008	2009	2010	2011	2012
Total Fatalities (All Crashes)*	416	377	317	331	336
- (1) Single Vehicle	280	235	193	222	211
- (2) Involving a Large Truck	37	30	46	50	28
- (3) Involving Speeding	147	125	97	105	102
- (4) Involving a Rollover	122	137	69	84	81
- (5) Involving a Roadway Departure	272	236	182	198	203
- (6) Involving an Intersection (or Intersection Related)	71	59	60	60	60

(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	
2008	0	5	7	15	8	13	48
2009	2	12	7	10	16	6	53
2010	1	7	4	10	5	11	38
2011	3	3	3	8	11	12	40
2012	0	5	8	8	10	21	52

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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
2008	48	103,289	46.47
2009	53	104,863	50.54
2010	38	108,087	35.16
2011	40	108,317	36.93
2012	52		

*Data Source: FHWA

*2012 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		2008	2009	2010	2011
Occupants (All Vehicle Types)	Hispanic	36	33	17	21
	White Non-Hispanic	297	283	213	233
	Black, Non-Hispanic	5	7	7	2
	American Indian, Non-Hispanic/Unknown	7	4	7	6
	Asian, Non-Hispanic/Unknown	1	3	3	5
	Pacific Islander, Non-Hispanic/Unknown	0	0	1	1
	All Other Non-Hispanic or Race	4	2	0	1
	<i>Total</i>	350	332	248	269
Non-Occupants (Pedestrians, Pedalcyclists and Other/Unknown NonOccupants)					
	Hispanic	6	3	5	6
	White Non-Hispanic	58	37	57	49
	Black, Non-Hispanic	0	1	0	3
	American Indian, Non-Hispanic/Unknown	1	2	3	2
	Asian, Non-Hispanic/Unknown	1	2	3	2
	Pacific Islander, Non-Hispanic/Unknown	0	0	0	0
	All Other Non-Hispanic or Race	0	0	1	0
<i>Total</i>	66	45	69	62	
Total	416	377	317	331	

2012 Race/Hispanic Origin Data is Not Yet Complete

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5 Year Trend For The Top 10 Counties of 2012 - Fatalities

Oregon Counties by 2012 Ranking		Fatalities					Percent of Total				
		2008	2009	2010	2011	2012	2008	2009	2010	2011	2012
1	Multnomah County	27	42	31	38	44	6	11	10	11	13
2	Lane County	33	40	27	32	32	8	11	9	10	10
3	Umatilla County	11	14	11	11	27	3	4	3	3	8
4	Clackamas County	30	29	21	32	20	7	8	7	10	6
5	Marion County	26	25	25	29	20	6	7	8	9	6
6	Washington County	27	20	11	13	19	6	5	3	4	6
7	Deschutes County	18	10	12	17	18	4	3	4	5	5
8	Josephine County	20	21	12	13	18	5	6	4	4	5
9	Douglas County	27	14	21	12	15	6	4	7	4	4
10	Jackson County	25	14	16	21	14	6	4	5	6	4
Sub Total 1.*	Top Ten Counties	251	237	187	222	227	60	63	59	67	68
Sub Total 2.**	All Other Counties	165	140	130	109	109	40	37	41	33	32
Total	All Counties	416	377	317	331	336	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 2012 - Fatalities Year to Year Percent Change

Oregon Counties by 2012 Ranking		Fatalities					Percent Change From Previous Year			
		2008	2009	2010	2011	2012	2009	2010	2011	2012
1	Multnomah County	27	42	31	38	44	56	-26	23	16
2	Lane County	33	40	27	32	32	21	-33	19	0
3	Umatilla County	11	14	11	11	27	27	-21	0	145
4	Clackamas County	30	29	21	32	20	-3	-28	52	-38
5	Marion County	26	25	25	29	20	-4	0	16	-31
6	Washington County	27	20	11	13	19	-26	-45	18	46
7	Deschutes County	18	10	12	17	18	-44	20	42	6
8	Josephine County	20	21	12	13	18	5	-43	8	38
9	Douglas County	27	14	21	12	15	-48	50	-43	25
10	Jackson County	25	14	16	21	14	-44	14	31	-33
Sub Total 1.*	Top Ten Counties	251	237	187	222	227	-6	-21	19	2
Sub Total 2.**	All Other Counties	165	140	130	109	109	-15	-7	-16	0
Total	All Counties	416	377	317	331	336	-9	-16	4	2

*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 2012 - Fatality Rates

Median Rate for all U.S. Counties: 17.42

Oregon Counties by 2012 Ranking		Fatalities Per 100,000 Population				
		2008	2009	2010	2011	2012
1	Wheeler County	0.00	0.00	138.22	0.00	70.22
2	Sherman County	177.41	0.00	338.98	173.01	57.74
3	Lake County	62.81	75.94	76.19	12.63	51.47
4	Umatilla County	14.77	18.62	14.46	14.35	35.15
5	Wallowa County	72.46	14.39	14.23	0.00	29.32
6	Harney County	0.00	53.82	80.98	40.72	27.73
7	Baker County	37.05	43.14	18.64	18.70	25.14
8	Tillamook County	51.69	11.91	7.92	31.51	23.73
9	Hood River County	13.90	27.25	8.91	22.31	22.14
10	Josephine County	24.28	25.51	14.48	15.72	21.71
<i>Sub Rate 1.*</i>	<i>Top Ten Counties</i>	33.37	32.95	29.73	24.86	28.17
<i>Sub Rate 2.**</i>	<i>All Other Counties</i>	9.25	8.54	6.75	7.61	7.29
<i>Total Rate</i>	<i>All Counties</i>	11.04	9.90	8.26	8.56	8.62

*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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