Washington State
Department of Transportation

2005 Annual State Highway Collision Data Summary

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Introduction

The Motor Vehicle Laws of the state of Washington require that a standard Traffic Accident Report form must be submitted when an injury or death occurs to any person, or damage to the property of any person to an apparent extent of seven hundred dollars or more. If a collision is not investigated and reported by an officer, the operators of any involved vehicles must submit their own independent Traffic Accident Report (as stated in RCW 46.52.030 and WAC 446-85-010).

Located within the Washington State Department of Transportation's (WSDOT) Strategic Planning and Programming Division, the Transportation Data Office (TDO) is responsible for collecting, processing, analyzing and disseminating traffic, roadway and collision data pertaining to all roadways in Washington State. The source used for all collision information contained in this summary report originates from collision reports submitted by officers and citizens. TDO staff reviews the submitted collision reports in order to determine the appropriate location and other relevant collision data. The data is then made available to the TDO's Collision Data mart, where it is analyzed and truly becomes valuable information. This information is used by a variety of customers including: the Regions and Divisions within WSDOT, the Federal Highway Administration (FHWA), other Washington State government agencies, and public or private organizations.

This report covers collisions on all State Highways in Washington State for the year 2005. Tables and charts will be used to show frequency and rate of collisions, multi-year trends, collision types, contributing circumstances and other factors.

The totals contained in this report reflect available data as of August 1, 2006.

Contact Information: WSDOT - Collision Data and Analysis Branch (360) 570-2451

WSDOT provides the 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.

ROGER E. HORTON
Transportation Data Office General Manager
Strategic Planning and Programming Division
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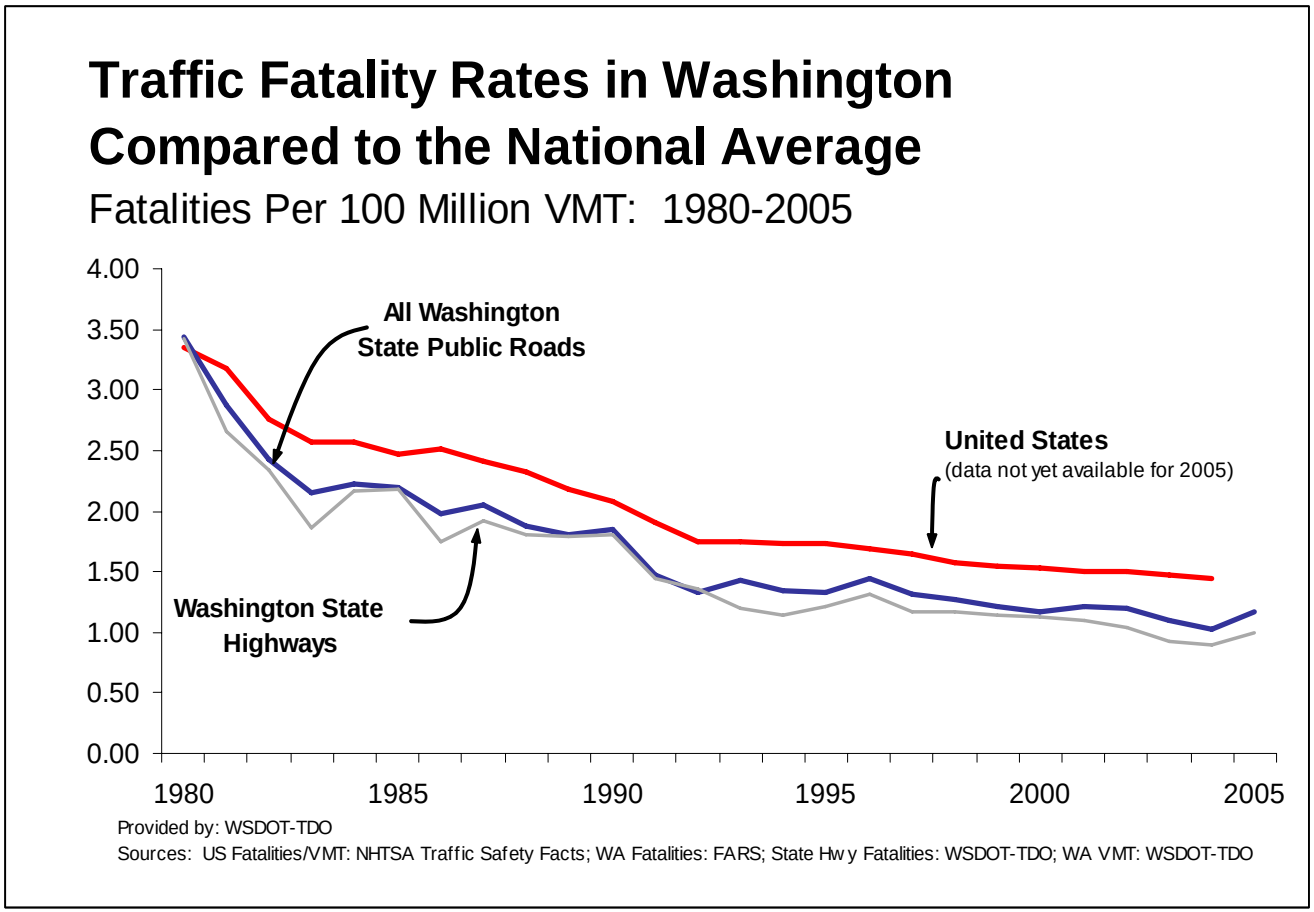
Overview

U.S. Fatality Rate vs. Washington State Trend Line

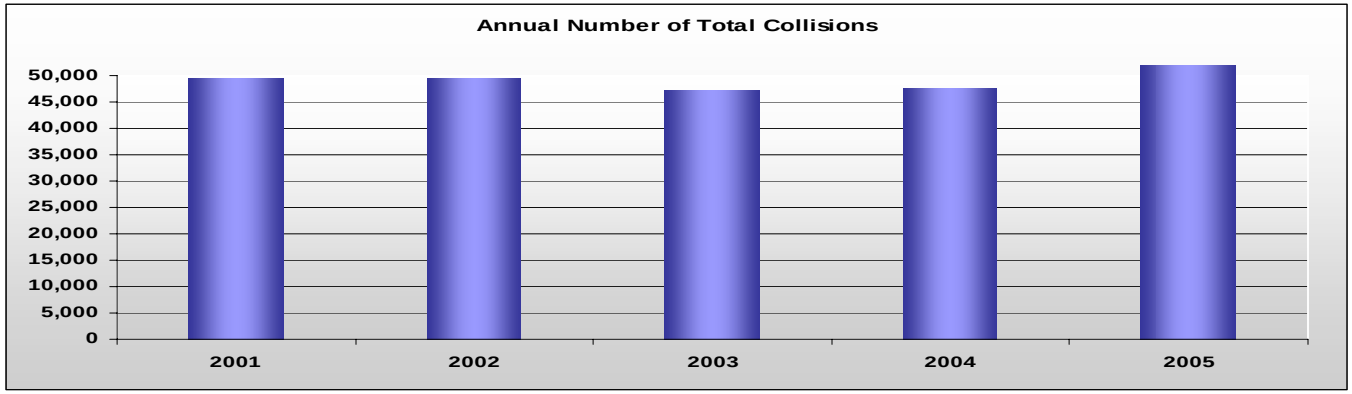
	United States	All Washington Roads	State Highways
1980	3.35	3.43	3.42
1981	3.17	2.88	2.66
1982	2.76	2.42	2.34
1983	2.58	2.15	1.87
1984	2.57	2.23	2.16
1985	2.47	2.20	2.18
1986	2.51	1.98	1.75
1987	2.41	2.05	1.91
1988	2.32	1.88	1.81
1989	2.17	1.81	1.79
1990	2.08	1.85	1.80
1991	1.91	1.47	1.45
1992	1.75	1.32	1.36
1993	1.75	1.42	1.20
1994	1.73	1.34	1.14
1995	1.73	1.33	1.22
1996	1.69	1.45	1.32
1997	1.64	1.32	1.17
1998	1.58	1.27	1.17
1999	1.55	1.21	1.14
2000	1.53	1.17	1.13
2001	1.51	1.21	1.10
2002	1.51	1.20	1.04
2003	1.48	1.09	0.93
2004	1.44	1.02	0.89
2005	n/a	1.17	1.00

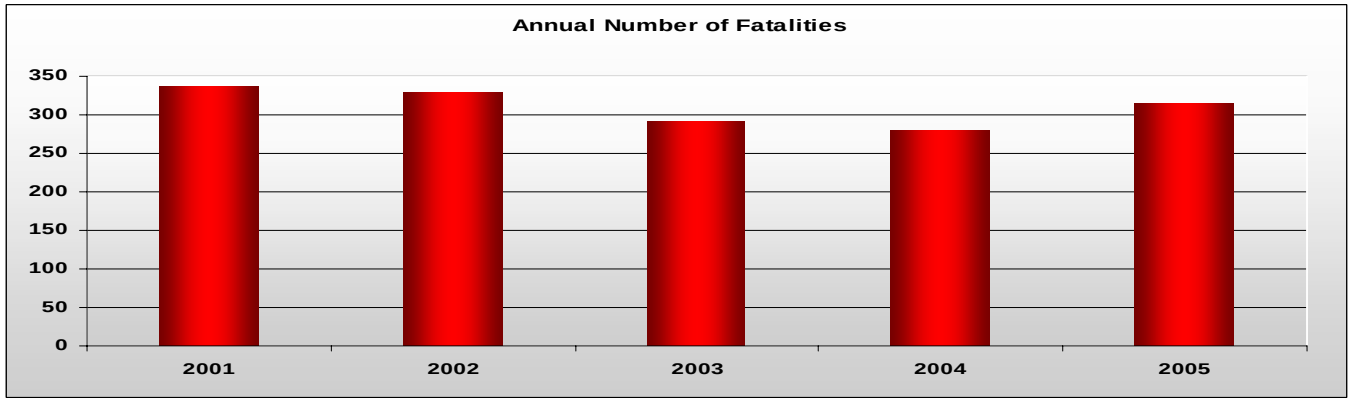


Since 1980, the United States Fatality Rate has declined 56%. During this same period, Washington State has experienced an even greater decrease: 70% for all public roads and 74% for State Highways.

Overview of Traffic Collisions – 5 year comparison

YEAR	TOTAL COLLISIONS	FATAL COLLISIONS	DISABLING INJURY COLLISIONS	EVIDENT INJURY COLLISIONS	POSSIBLE INJURY COLLISIONS	TOTAL INJURY COLLISIONS	PROPERTY DAMAGE ONLY COLLISIONS	NUMBER OF FATALITIES	NUMBER OF INJURIES	NUMBER OF DISABLING INJURIES	NUMBER OF EVIDENT INJURIES	NUMBER OF POSSIBLE INJURIES	NUMBER OF VEHICLES	ALCOHOL INVLOLVED, ABILITY IMPAIRED COLLISIONS	TOTAL ALCOHOL INVOLVED COLLISIONS
2001	49,405	**290**	**1,067**	**5,906**	13,527	**20,500**	28,615	**336**	**30,797**	**1,430**	**7,789**	**20,991**	93,371	2,437	3,125
2002	49,615	**290**	1,012	5,631	13,078	19,721	29,604	329	29,193	1,281	7,373	20,539	93,671	**2,659**	**3,272**
2003	47,153	258	851	4,933	12,525	18,309	28,586	292	26,890	1,075	6,480	19,335	88,744	2,448	3,070
2004	47,634	249	855	4,869	12,160	17,884	29,501	280	26,251	1,069	6,468	18,714	89,891	2,553	3,113
2005	**51,901**	274	890	5,010	**13,641**	19,541	**32,086**	316	28,307	1,133	6,510	20,664	**98,153**	2,651	3,228
Total	245,708	1,361	4,675	26,349	64,931	95,955	148,392	1,553	141,438	5,988	34,620	100,243	463,830	12,748	15,808





Fatalities have dropped 5% since 2001. Disabling and evident injuries have declined even further during this same period.

Total collisions have increased 5% over the last 5 years.

Important Notation:
Throughout the Annual Summary Report, please note the distinction between the number of collisions and the actual number of people injured or killed, i.e., one fatal collision may have three fatalities or "people" killed.

Traffic Deaths, Injuries and Collisions by County

COUNTY	TOTAL COLLISIONS	FATAL COLLISIONS	DISABLING INJURY COLLISIONS	EVIDENT INJURY COLLISIONS	POSSIBLE INJURY COLLISIONS	TOTAL INJURY COLLISIONS	PROPERTY DAMAGE ONLY COLLISIONS	NUMBER OF FATALITIES	NUMBER OF INJURIES	NUMBER OF DISABLING INJURIES	NUMBER OF EVIDENT INJURIES	NUMBER OF POSSIBLE INJURIES	NUMBER OF VEHICLES	ALCOHOL INVOLVED, ABILITY IMPAIRED COLLISIONS	TOTAL ALCOHOL INVOLVED COLLISIONS
Adams	261	5	10	53	33	96	160	7	160	16	83	61	352	13	15
Asotin	74	0	4	13	9	26	48	0	39	5	17	17	129	2	2
Benton	839	5	21	132	169	322	512	7	500	26	190	284	1,438	50	55
Chelan	635	2	14	84	109	207	426	2	306	14	117	175	1,066	32	37
Clallam	490	6	10	67	117	194	290	8	266	10	87	169	824	21	30
Clark	2,071	7	47	165	623	835	1,229	8	1,173	65	208	900	3,954	128	155
Columbia	45	0	1	7	6	14	31	0	17	1	7	9	56	1	1
Cowlitz	892	3	21	118	210	349	540	3	508	24	156	328	1,510	59	68
Douglas	245	5	7	44	55	106	134	7	188	16	64	108	412	18	20
Ferry	60	2	7	13	4	24	34	2	34	8	19	7	75	10	10
Franklin	290	1	8	48	41	97	192	1	153	12	66	75	458	20	21
Garfield	34	0	4	5	5	14	20	0	17	5	6	6	41	2	2
Grant	569	7	13	111	108	232	330	10	362	20	167	175	918	46	51
Grays Harbor	798	9	34	86	126	246	543	10	376	44	127	205	1,357	59	70
Island	388	3	11	44	88	143	242	3	201	15	54	132	704	17	19
Jefferson	241	4	9	40	38	87	150	4	137	15	59	63	388	6	6
King	17,098	56	180	1,161	4,970	6,311	10,730	61	9,004	227	1,417	7,360	34,619	764	975
Kitsap	1,650	12	29	157	402	588	1,050	12	843	39	190	614	3,221	77	85
Kittitas	835	6	18	141	117	276	553	8	396	20	177	199	1,101	21	24
Klickitat	216	1	11	31	25	67	148	1	95	15	41	39	288	13	15
Lewis	765	7	29	124	132	285	473	10	452	39	193	220	1,241	42	53
Lincoln	149	2	11	37	24	72	75	2	115	12	56	47	193	9	9
Mason	470	10	11	78	89	178	282	11	253	20	105	128	753	45	49
Okanogan	364	5	9	70	66	145	214	5	235	10	105	120	502	26	33
Pacific	249	4	8	40	37	85	160	4	123	11	51	61	359	32	35
Pend Oreille	149	0	5	21	12	38	111	0	54	5	25	24	206	6	8
Pierce	6,991	17	101	584	2,142	2,827	4,147	17	4,132	117	707	3,308	13,885	374	453
San Juan	1	0	1	0	0	1	0	0	3	1	2	0	2	0	0
Skagit	1,214	10	32	138	308	478	726	12	724	45	186	493	2,216	93	105
Skamania	95	2	1	11	16	28	65	2	41	1	17	23	132	4	5
Snohomish	6,648	30	100	532	1,869	2,501	4,117	34	3,604	118	689	2,797	13,341	286	363
Spokane	2,622	12	37	280	742	1,059	1,551	16	1,472	44	350	1,078	4,902	116	148
Stevens	251	3	9	50	41	100	148	4	140	11	65	64	366	24	26
Thurston	1,331	9	6	126	342	474	848	11	656	9	152	495	2,425	61	77
Wahkiakum	38	2	0	8	3	11	25	5	11	0	8	3	50	1	2
Walla Walla	295	3	6	47	47	100	192	3	144	6	64	74	458	7	9
Whatcom	1,249	6	18	143	291	452	791	6	667	23	192	452	2,237	74	89
Whitman	413	3	17	61	81	159	251	3	224	27	87	110	658	13	19
Yakima	877	15	30	140	144	314	548	17	482	37	204	241	1,316	79	84

Traffic Deaths, Injuries and Collisions – Cities over 10,000 Population*

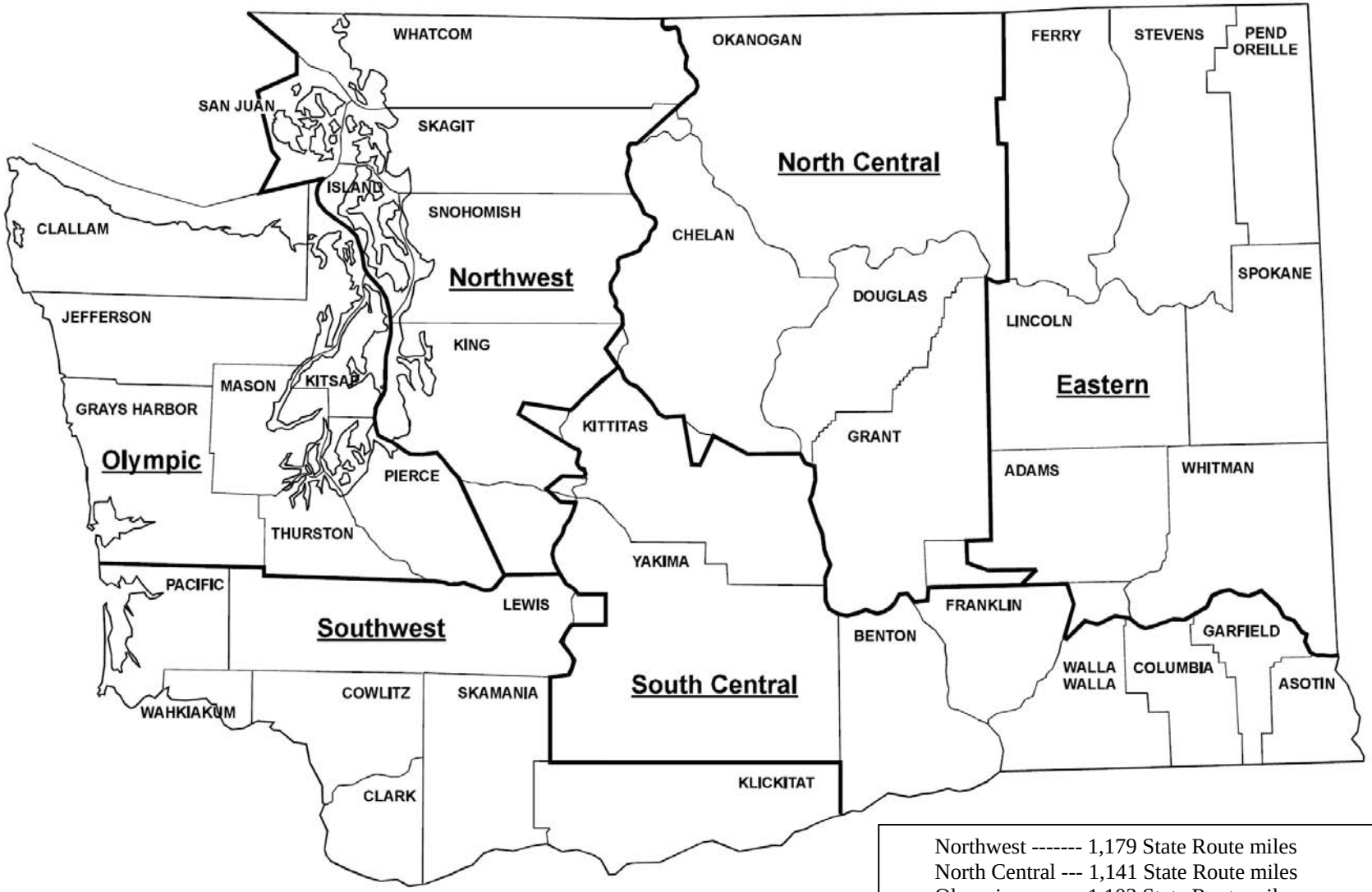
	Population	Number of Fatalities	Number of Injuries	Number of Collisions	AVMT	Collision Rate
250,000 and over						
Seattle	573,000	15	2,826	5,229	1,995,512,017	2.62
100,000 to 250,000						
Spokane	198,700	0	781	1,352	371,667,517	3.64
Tacoma	198,100	4	1,355	2,570	735,044,205	3.50
Vancouver	154,800	0	518	901	567,748,696	1.59
Bellevue	115,500	1	516	1,210	782,633,423	1.55
60,000 to 100,000						
Everett	97,500	4	798	1,539	628,231,346	2.45
Federal Way	85,800	7	635	1,148	547,619,501	2.10
Spokane Valley	85,010	1	272	538	373,874,384	1.44
Kent	84,920	5	724	1,464	635,661,567	2.30
Yakima	79,480	1	64	132	90,922,241	1.45
Bellingham	72,320	1	260	470	227,599,177	2.07
Kennewick	60,410	0	159	256	109,688,643	2.33
22,500 to 60,000						
Lakewood	58,850	2	336	565	316,925,142	1.78
Renton	56,840	0	723	1,266	495,869,994	2.55
Shoreline	52,500	2	269	562	257,086,954	2.19
Redmond	47,600	0	153	461	175,239,453	2.63
Auburn	47,470	3	298	578	264,381,023	2.19
Kirkland	45,740	0	243	432	320,346,269	1.35
Pasco	44,190	0	84	197	182,583,680	1.08
Richland	43,520	0	122	255	184,325,442	1.38
Olympia	43,330	1	123	275	210,179,914	1.31
Edmonds	39,860	3	201	349	63,261,771	5.52
Sammamish	38,640	0	1	3	1,360,333	2.21
Puyallup	35,830	3	278	508	140,984,199	3.60
Longview	35,430	0	112	174	56,567,335	3.08
Lynnwood	34,830	2	398	845	223,526,518	3.78
Bremerton	34,580	1	256	538	137,626,455	3.91
Lacey	33,180	0	85	174	161,659,044	1.08
Burien	31,040	0	62	111	47,375,682	2.34
Bothell	31,000	0	322	614	288,163,164	2.13
Walla Walla	30,630	0	25	84	24,111,404	3.48
Marysville	29,460	0	92	177	48,128,812	3.68
Wenatchee	29,320	0	95	232	49,116,517	4.72
Des Moines	28,960	1	88	139	24,768,517	5.61
Mount Vernon	28,210	1	138	289	87,058,756	3.32
Pullman	26,590	0	48	130	32,552,032	3.99
SeaTac	25,140	3	298	533	357,268,318	1.49

continued	Population	Number of Fatalities	Number of Injuries	Number of Collisions	AVMT	Collision Rate
15,000 to 22,500						
Bainbridge Island	22,200	0	31	84	45,349,016	1.85
Oak Harbor	21,720	0	44	102	23,483,045	4.34
Mercer Island	21,710	0	49	125	177,558,820	0.70
Mountlake Terrace	20,390	0	81	158	135,867,742	1.16
Mukilteo	19,360	0	81	167	47,057,818	3.55
Kenmore	19,290	1	62	117	31,624,677	3.70
Port Angeles	18,640	0	93	176	32,812,434	5.36
Maple Valley	17,870	0	57	106	33,550,026	3.16
Tukwila	17,110	0	462	903	539,943,496	1.67
Issaquah	17,060	0	102	194	126,293,927	1.54
Ellensburg	16,700	0	6	13	2,739,186	4.75
Covington	16,610	1	41	84	31,153,173	2.70
Aberdeen	16,450	0	113	302	53,828,349	5.61
Moses Lake	16,340	0	77	160	75,375,208	2.12
Monroe	15,920	1	70	199	39,025,720	5.10
Anacortes	15,700	1	87	139	70,287,670	1.98
Camas	15,460	0	31	71	50,819,775	1.40
Centralia	15,340	0	98	175	59,021,763	2.97
10,000 to 15,000						
Arlington	14,980	0	78	165	75,138,013	2.20
Battle Ground	14,960	0	24	52	22,000,317	2.36
Sunnyside	14,710	1	4	19	12,311,691	1.54
Bonney Lake	14,370	0	114	182	45,941,382	3.96
Mill Creek	14,320	1	109	226	33,186,318	6.81
Tumwater	12,950	0	98	233	135,689,345	1.72
Lake Forest Park	12,730	0	38	84	41,711,667	2.01
Kelso	11,820	0	114	229	127,744,974	1.79
Washougal	11,350	0	23	37	17,218,926	2.15
Enumclaw	11,190	0	23	61	21,201,288	2.88
Lynden	10,480	0	6	26	4,714,486	5.51
West Richland	10,210	0	24	20	9,625,160	2.08
Woodinville	10,140	0	28	79	46,772,392	1.69
Cheney	10,070	0	10	18	10,395,415	1.73

*Only cities containing State Highway collisions are represented

WSDOT Regions

WSDOT Regional Boundary Map



Northwest ------- 1,179 State Route miles
North Central --- 1,141 State Route miles
Olympic --------- 1,103 State Route miles
Southwest ---------- 987 State Route miles
South Central ----1,068 State Route miles
Eastern ---------- 1,568 State Route miles

2005 AVERAGE COLLISION RATES BY FUNCTIONAL CLASS
STATEWIDE

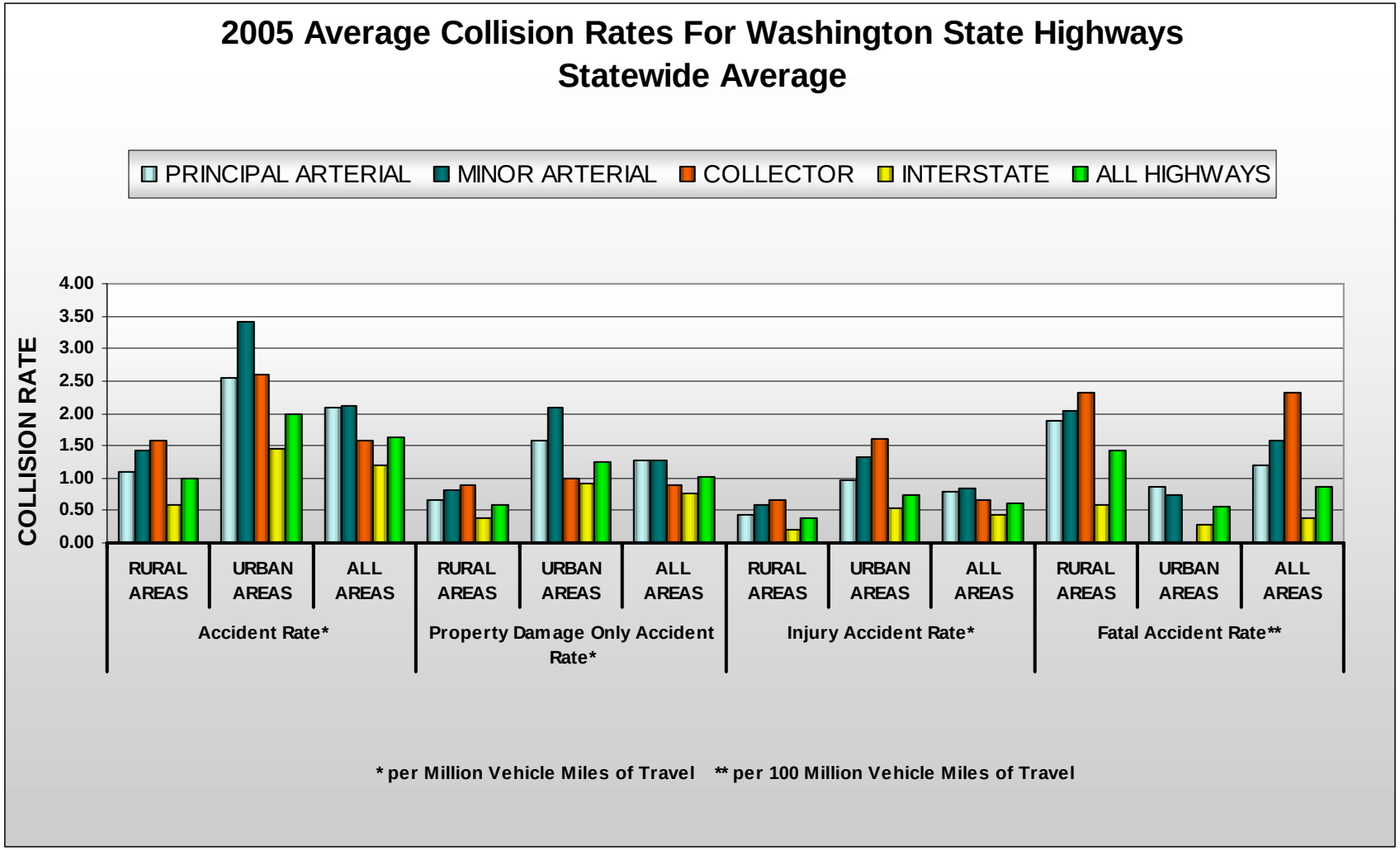
RURAL AREAS	PRINCIPAL ARTERIAL	MINOR ARTERIAL	COLLECTOR	INTERSTATE	ALL HIGHWAYS
*Vehicle Miles of Travel (Billions)	4.01	1.77	1.03	4.48	11.29
Miles of Highway	1,981	1,630	1,656	467	5,734
Total Accidents	4,455	2,538	1,621	2,601	11,215
Accident Rate (1)	**1.11**	**1.43**	**1.57**	**0.58**	**0.99**
Property Damage Only Accidents	2,682	1,454	927	1,668	6,731
Property Damage Only Accident Rate (1)	**0.67**	**0.82**	**0.90**	**0.37**	**0.60**
Injury Accidents	1,697	1,048	670	907	4,322
Injury Accident Rate (1)	**0.42**	**0.59**	**0.65**	**0.20**	**0.38**
Fatal Accidents	76	36	24	26	162
Fatal Accident Rate (2)	**1.90**	**2.03**	**2.33**	**0.58**	**1.43**

URBAN AREAS	PRINCIPAL ARTERIAL	MINOR ARTERIAL	COLLECTOR	INTERSTATE	ALL HIGHWAYS
Vehicle Miles of Travel (Billions)	8.49	0.94	0.01	10.90	20.34
Miles of Highway	786	221	7	297	1,311
Total Accidents	21,704	3,219	26	15,717	40,666
Accident Rate (1)	**2.56**	**3.42**	**2.60**	**1.44**	**2.00**
Property Damage Only Accidents	13,377	1,968	10	9,984	25,339
Property Damage Only Accident Rate (1)	**1.58**	**2.09**	**1.00**	**0.92**	**1.25**
Injury Accidents	8,253	1,244	16	5,702	15,215
Injury Accident Rate (1)	**0.97**	**1.32**	**1.60**	**0.52**	**0.75**
Fatal Accidents	74	7	0	31	112
Fatal Accident Rate (2)	**0.87**	**0.74**	**0.00**	**0.28**	**0.55**

ALL AREAS	PRINCIPAL ARTERIAL	MINOR ARTERIAL	COLLECTOR	INTERSTATE	ALL HIGHWAYS
Vehicle Miles of Travel (Billions)	12.50	2.71	1.04	15.37	31.63
Miles of Highway	2,767	1,851	1,663	764	7,046
Total Accidents	26,159	5,757	1,647	18,318	51,881
Accident Rate (1)	**2.09**	**2.12**	**1.58**	**1.19**	**1.64**
Property Damage Only Accidents	16,059	3,422	937	11,652	32,070
Property Damage Only Accident Rate (1)	**1.28**	**1.26**	**0.90**	**0.76**	**1.01**
Injury Accidents	9,950	2,292	686	6,609	19,537
Injury Accident Rate (1)	**0.80**	**0.85**	**0.66**	**0.43**	**0.62**
Fatal Accidents	150	43	24	57	274
Fatal Accident Rate (2)	**1.20**	**1.59**	**2.31**	**0.37**	**0.87**

(1) Per Million Vehicle Miles of Travel
(2) Per 100 Million Vehicle Miles of Travel
*See Glossary

Average Collision Rates by Functional Class - Statewide



The total collision rate for rural highways is approximately half that of urban highways, however the rural fatal collision rate is more than twice as high as the urban rate.

On a statewide basis there is an average of 31 collisions per day in rural areas and 111 collisions per day in urban areas.

For every state highway mile there are 7.4 collisions occurring annually with 4.6 of these being property damage only collisions.

Northwest Region

2005 AVERAGE COLLISION RATES BY FUNCTIONAL CLASS
Northwest Region

RURAL AREAS	PRINCIPAL ARTERIAL	MINOR ARTERIAL	COLLECTOR	INTERSTATE	ALL HIGHWAYS
*Vehicle Miles of Travel (Billions)	0.53	0.47	0.22	0.95	2.17
Miles of Highway	133.79	255.98	159.14	57.61	606.52
Total Accidents	746	700	466	489	2,401
Accident Rate (1)	**1.41**	**1.49**	**2.12**	**0.51**	**1.11**
Property Damage Only Accidents	438	382	250	314	1,384
Property Damage Only Accident Rate (1)	**0.83**	**0.81**	**1.14**	**0.33**	**0.64**
Injury Accidents	297	305	214	170	986
Injury Accident Rate (1)	**0.56**	**0.65**	**0.97**	**0.18**	**0.45**
Fatal Accidents	11	13	2	5	31
Fatal Accident Rate (2)	**2.08**	**2.77**	**0.91**	**0.53**	**1.43**

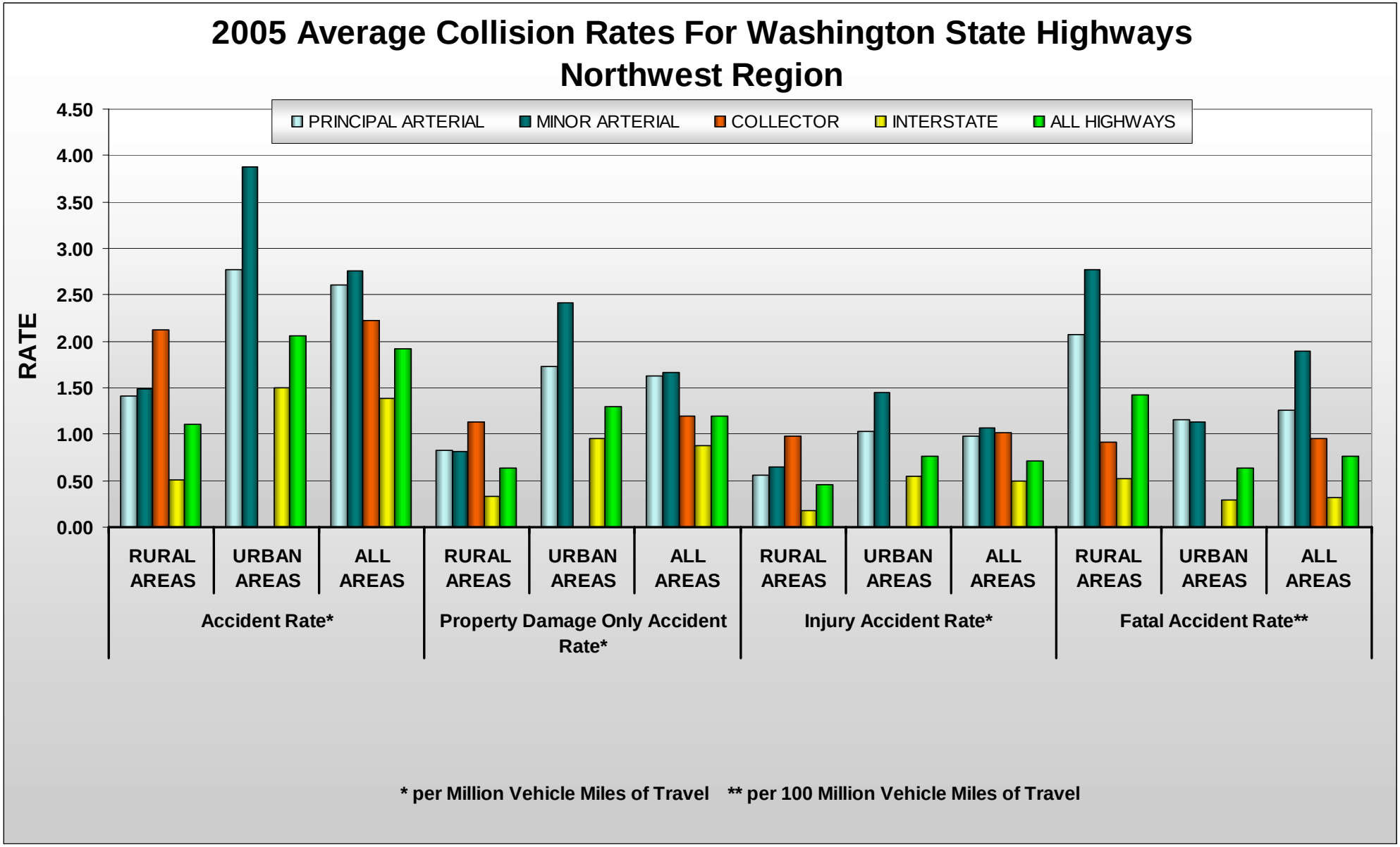
URBAN AREAS	PRINCIPAL ARTERIAL	MINOR ARTERIAL	COLLECTOR	INTERSTATE	ALL HIGHWAYS
Vehicle Miles of Travel (Billions)	4.15	0.53	0.00	6.97	11.65
Miles of Highway	329.56	101.37	0.00	141.43	572.36
Total Accidents	11,479	2,058	0	10,484	24,021
Accident Rate (1)	**2.77**	**3.88**	**0.00**	**1.50**	**2.06**
Property Damage Only Accidents	7,152	1,283	0	6,662	15,097
Property Damage Only Accident Rate (1)	**1.72**	**2.42**	**0.00**	**0.96**	**1.30**
Injury Accidents	4,279	769	0	3,802	8,850
Injury Accident Rate (1)	**1.03**	**1.45**	**0.00**	**0.55**	**0.76**
Fatal Accidents	48	6	0	20	74
Fatal Accident Rate (2)	**1.16**	**1.13**	**0.00**	**0.29**	**0.64**

ALL AREAS	PRINCIPAL ARTERIAL	MINOR ARTERIAL	COLLECTOR	INTERSTATE	ALL HIGHWAYS
Vehicle Miles of Travel (Billions)	4.68	1.00	0.21	7.92	13.81
Miles of Highway	463.35	357.35	159.14	199.04	1,178.88
Total Accidents	12,225	2,758	466	10,973	26,422
Accident Rate (1)	**2.61**	**2.76**	**2.22**	**1.39**	**1.91**
Property Damage Only Accidents	7,590	1,665	250	6,976	16,481
Property Damage Only Accident Rate (1)	**1.62**	**1.67**	**1.19**	**0.88**	**1.19**
Injury Accidents	4,576	1,074	214	3,972	9,836
Injury Accident Rate (1)	**0.98**	**1.07**	**1.02**	**0.50**	**0.71**
Fatal Accidents	59	19	2	25	105
Fatal Accident Rate (2)	**1.26**	**1.90**	**0.95**	**0.32**	**0.76**

(1) Per Million Vehicle Miles of Travel
(2) Per 100 Million Vehicle Miles of Travel
*See Glossary

Northwest Region has the highest number of fatal accidents and the second lowest fatal accident rate statewide by region. This low rate is due in part to the fact that this region also has 44% of the entire Vehicle Miles Traveled on state highways.

This Region has the largest number of urban highway miles and the highest overall accident rate.


2005 Average Collision Rates For Washington State Highways
Northwest Region
PRINCIPAL ARTERIAL
MINOR ARTERIAL
COLLECTOR
INTERSTATE
ALL HIGHWAYS
RATE
4.50
4.00
3.50
3.00
2.50
2.00
1.50
1.00
0.50
0.00
RURAL AREAS
URBAN AREAS
ALL AREAS
Accident Rate*
Property Damage Only Accident Rate*
Injury Accident Rate*
Fatal Accident Rate**
* per Million Vehicle Miles of Travel ** per 100 Million Vehicle Miles of Travel

North Central Region

2005 AVERAGE COLLISION RATES BY FUNCTIONAL CLASS
North Central Region

RURAL AREAS	PRINCIPAL ARTERIAL	MINOR ARTERIAL	COLLECTOR	INTERSTATE	ALL HIGHWAYS
*Vehicle Miles of Travel (Billions)	0.66	0.39	0.07	0.21	1.33
Miles of Highway	422.13	473.20	139.95	48.90	1,084.18
Total Accidents	741	453	84	92	1,370
Accident Rate (1)	**1.12**	**1.16**	**1.20**	**0.44**	**1.03**
Property Damage Only Accidents	447	267	47	50	811
Property Damage Only Accident Rate (1)	**0.68**	**0.68**	**0.67**	**0.24**	**0.61**
Injury Accidents	284	179	36	40	539
Injury Accident Rate (1)	**0.43**	**0.46**	**0.51**	**0.19**	**0.41**
Fatal Accidents	10	7	1	2	20
Fatal Accident Rate (2)	**1.52**	**1.79**	**1.43**	**0.95**	**1.50**

URBAN AREAS	PRINCIPAL ARTERIAL	MINOR ARTERIAL	COLLECTOR	INTERSTATE	ALL HIGHWAYS
Vehicle Miles of Travel (Billions)	0.23	0.01	0.00	0.03	0.27
Miles of Highway	47.37	3.67	0.00	5.32	56.36
Total Accidents	574	26	0	29	629
Accident Rate (1)	**2.50**	**2.60**	**0.00**	**0.97**	**2.33**
Property Damage Only Accidents	373	13	0	23	409
Property Damage Only Accident Rate (1)	**1.62**	**1.30**	**0.00**	**0.77**	**1.51**
Injury Accidents	199	13	0	6	218
Injury Accident Rate (1)	**0.87**	**1.30**	**0.00**	**0.20**	**0.81**
Fatal Accidents	2	0	0		2
Fatal Accident Rate (2)	**0.87**	**0.00**	**0.00**	**0.00**	**0.74**

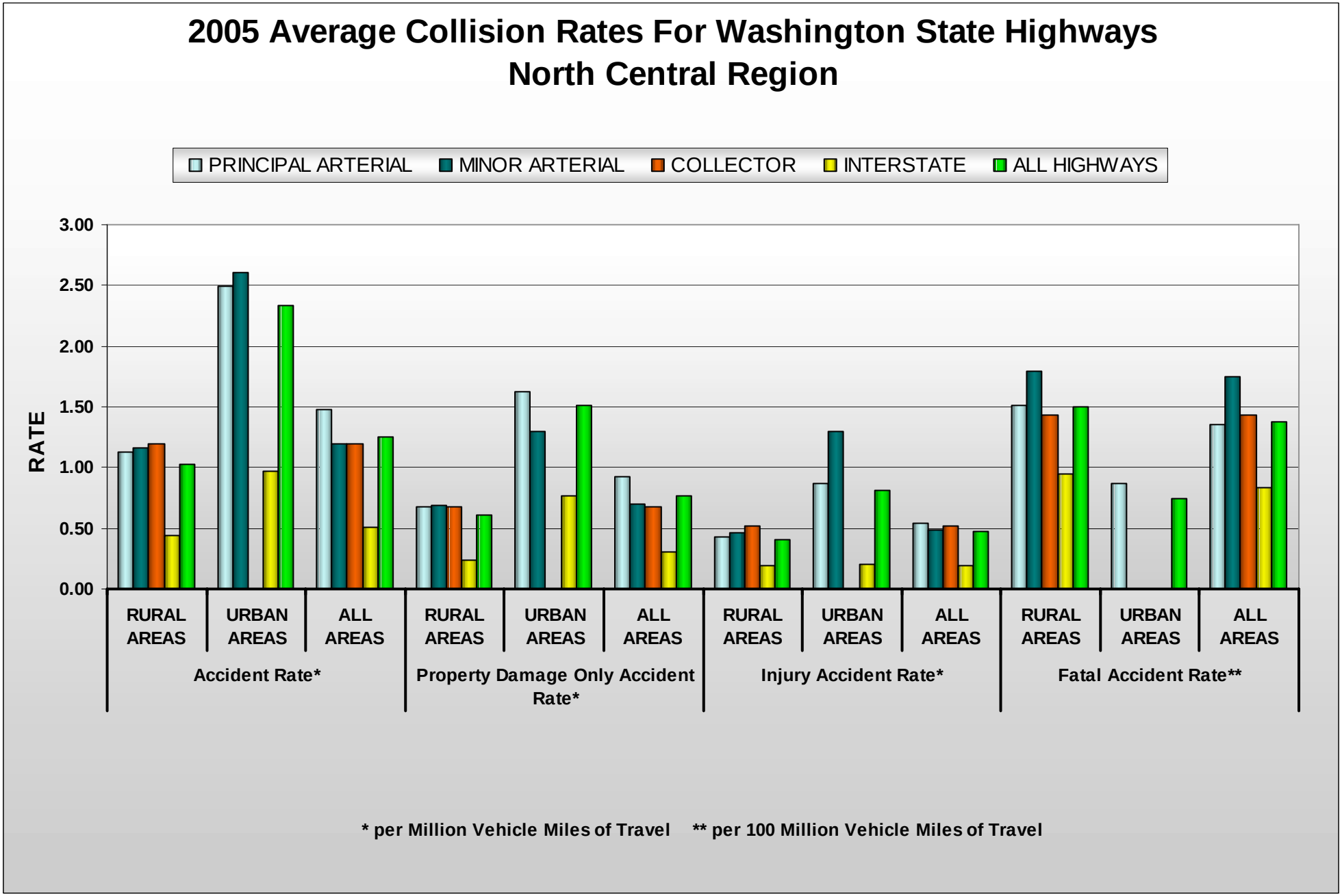
ALL AREAS	PRINCIPAL ARTERIAL	MINOR ARTERIAL	COLLECTOR	INTERSTATE	ALL HIGHWAYS
Vehicle Miles of Travel (Billions)	0.89	0.40	0.07	0.24	1.60
Miles of Highway	469.50	476.87	139.95	54.22	1,140.54
Total Accidents	1,315	479	84	121	1,999
Accident Rate (1)	**1.48**	**1.20**	**1.20**	**0.50**	**1.25**
Property Damage Only Accidents	820	280	47	73	1,220
Property Damage Only Accident Rate (1)	**0.92**	**0.70**	**0.67**	**0.30**	**0.76**
Injury Accidents	483	192	36	46	757
Injury Accident Rate (1)	**0.54**	**0.48**	**0.51**	**0.19**	**0.47**
Fatal Accidents	12	7	1	2	22
Fatal Accident Rate (2)	**1.35**	**1.75**	**1.43**	**0.83**	**1.38**

(1) Per Million Vehicle Miles of Travel
(2) Per 100 Million Vehicle Miles of Travel
*See Glossary

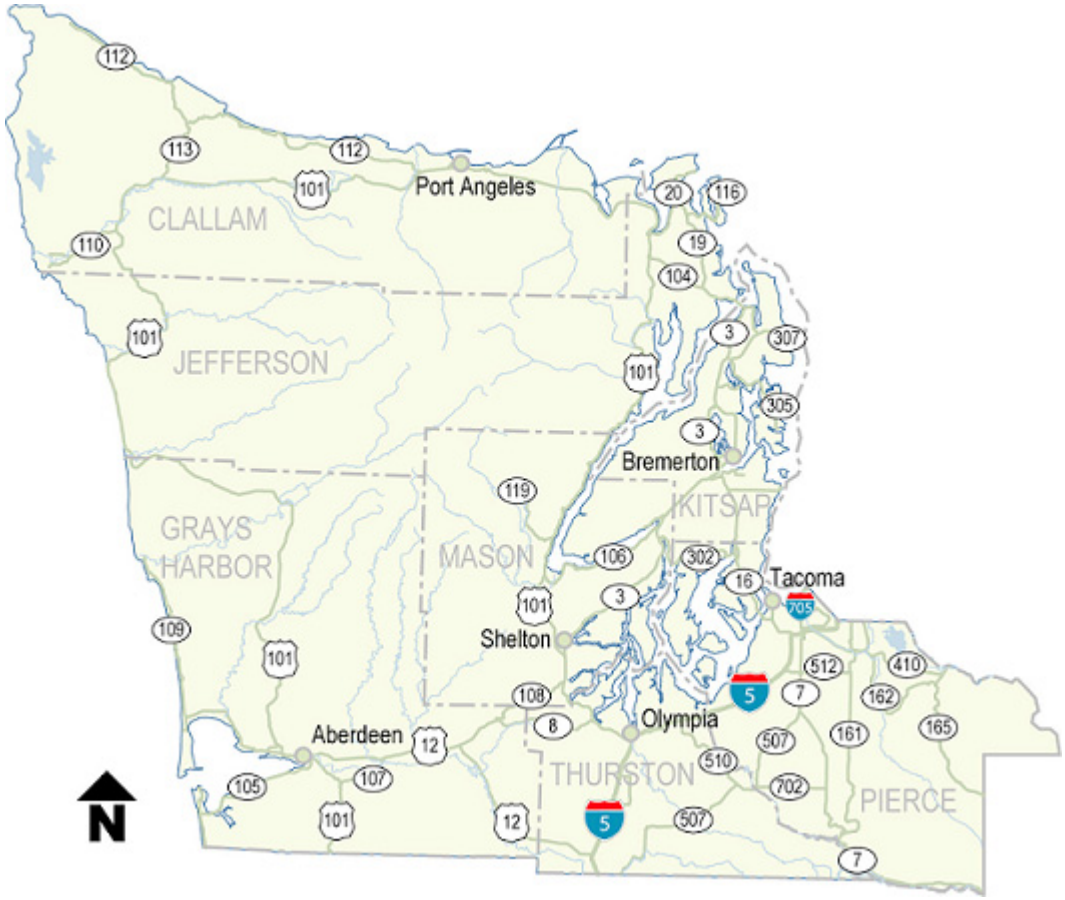
The North Central Region has the highest overall fatal and rural fatal accident rates.

North Central Region averages 5 accidents per day on State Highways. 95% of North Central Region's State Routes are Rural accounting for 3.6 of these daily collisions.

This Region has the smallest number of urban highway miles.


2005 Average Collision Rates For Washington State Highways
North Central Region
PRINCIPAL ARTERIAL
MINOR ARTERIAL
COLLECTOR
INTERSTATE
ALL HIGHWAYS
RATE
3.00
2.50
2.00
1.50
1.00
0.50
0.00
RURAL AREAS
URBAN AREAS
ALL AREAS
Accident Rate*
Property Damage Only Accident Rate*
Injury Accident Rate*
Fatal Accident Rate**
* per Million Vehicle Miles of Travel
** per 100 Million Vehicle Miles of Travel

Olympic Region



2005 AVERAGE COLLISION RATES BY FUNCTIONAL CLASS
Olympic Region

RURAL AREAS	PRINCIPAL ARTERIAL	MINOR ARTERIAL	COLLECTOR	INTERSTATE	ALL HIGHWAYS
*Vehicle Miles of Travel (Billions)	1.16	0.38	0.13	0.40	2.07
Miles of Highway	414.20	177.27	191.98	16.07	799.52
Total Accidents	1,207	642	234	209	2,292
Accident Rate (1)	**1.04**	**1.69**	**1.80**	**0.52**	**1.11**
Property Damage Only Accidents	712	369	139	134	1,354
Property Damage Only Accident Rate (1)	**0.61**	**0.97**	**1.07**	**0.34**	**0.65**
Injury Accidents	469	267	86	74	896
Injury Accident Rate (1)	**0.40**	**0.70**	**0.66**	**0.19**	**0.43**
Fatal Accidents	26	6	9	1	42
Fatal Accident Rate (2)	**2.24**	**1.58**	**6.92**	**0.25**	**2.03**

URBAN AREAS	PRINCIPAL ARTERIAL	MINOR ARTERIAL	COLLECTOR	INTERSTATE	ALL HIGHWAYS
Vehicle Miles of Travel (Billions)	2.57	0.24	0.00	1.78	4.59
Miles of Highway	203.76	60.49	0.00	39.41	303.66
Total Accidents	5,911	736	0	3,004	9,651
Accident Rate (1)	**2.30**	**3.07**	**0.00**	**1.69**	**2.10**
Property Damage Only Accidents	3,588	428	0	1,925	5,941
Property Damage Only Accident Rate (1)	**1.40**	**1.78**	**0.00**	**1.08**	**1.29**
Injury Accidents	2,306	307	0	1,073	3,686
Injury Accident Rate (1)	**0.90**	**1.28**	**0.00**	**0.60**	**0.80**
Fatal Accidents	17	1	0	6	24
Fatal Accident Rate (2)	**0.66**	**0.42**	**0.00**	**0.34**	**0.52**

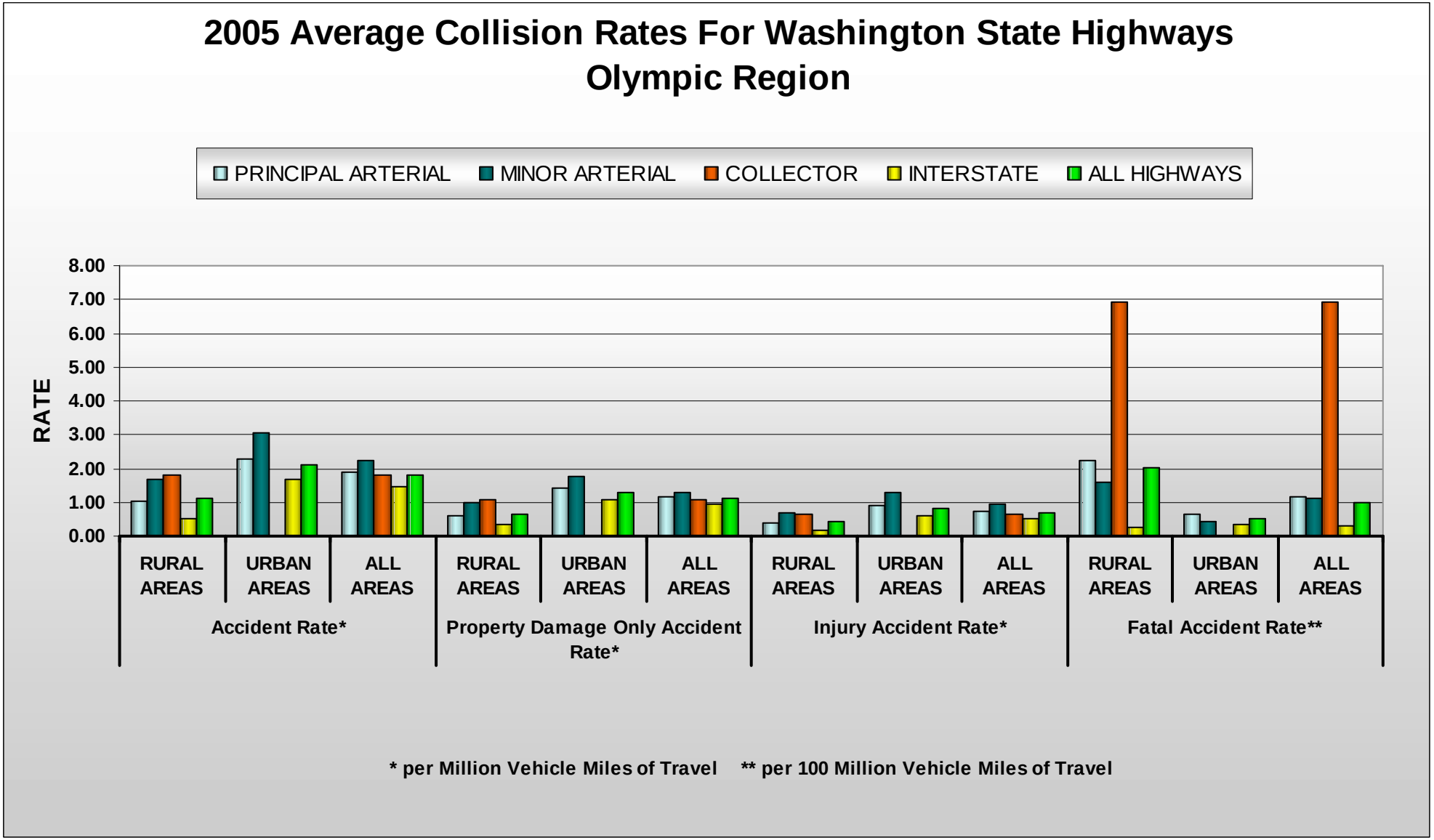
ALL AREAS	PRINCIPAL ARTERIAL	MINOR ARTERIAL	COLLECTOR	INTERSTATE	ALL HIGHWAYS
Vehicle Miles of Travel (Billions)	3.73	0.62	0.13	2.18	6.66
Miles of Highway	617.96	237.76	191.98	55.48	1,103.18
Total Accidents	7,118	1,378	234	3,213	11,943
Accident Rate (1)	**1.91**	**2.22**	**1.80**	**1.47**	**1.79**
Property Damage Only Accidents	4,300	797	139	2,059	7,295
Property Damage Only Accident Rate (1)	**1.15**	**1.29**	**1.07**	**0.94**	**1.10**
Injury Accidents	2,775	574	86	1,147	4,582
Injury Accident Rate (1)	**0.74**	**0.93**	**0.66**	**0.53**	**0.69**
Fatal Accidents	43	7	9	7	66
Fatal Accident Rate (2)	**1.15**	**1.13**	**6.92**	**0.32**	**0.99**

(1) Per Million Vehicle Miles of Travel
(2) Per 100 Million Vehicle Miles of Travel
*See Glossary

The Olympic Region has the highest overall interstate and urban interstate accident rates.

28% of the Olympic Region's State Highway miles are urban and account for 78% of the accidents for this Region.

This Region has the largest number of principal arterial highway miles.


2005 Average Collision Rates For Washington State Highways
Olympic Region
PRINCIPAL ARTERIAL
MINOR ARTERIAL
COLLECTOR
INTERSTATE
ALL HIGHWAYS
RATE
8.00
7.00
6.00
5.00
4.00
3.00
2.00
1.00
0.00
RURAL AREAS
URBAN AREAS
ALL AREAS
Accident Rate*
Property Damage Only Accident Rate*
Injury Accident Rate*
Fatal Accident Rate**
* per Million Vehicle Miles of Travel
** per 100 Million Vehicle Miles of Travel

Southwest Region

2005 AVERAGE COLLISION RATES BY FUNCTIONAL CLASS
Southwest Region

RURAL AREAS	PRINCIPAL ARTERIAL	MINOR ARTERIAL	COLLECTOR	INTERSTATE	ALL HIGHWAYS
*Vehicle Miles of Travel (Billions)	0.43	0.18	0.23	0.99	1.83
Miles of Highway	325.09	171.80	309.24	51.26	857.39
Total Accidents	588	292	381	435	1,696
Accident Rate (1)	**1.37**	**1.62**	**1.66**	**0.44**	**0.93**
Property Damage Only Accidents	374	170	224	295	1,063
Property Damage Only Accident Rate (1)	**0.87**	**0.94**	**0.97**	**0.30**	**0.58**
Injury Accidents	202	118	153	138	611
Injury Accident Rate (1)	**0.47**	**0.66**	**0.67**	**0.14**	**0.33**
Fatal Accidents	12	4	4	2	22
Fatal Accident Rate (2)	**2.79**	**2.22**	**1.74**	**0.20**	**1.20**

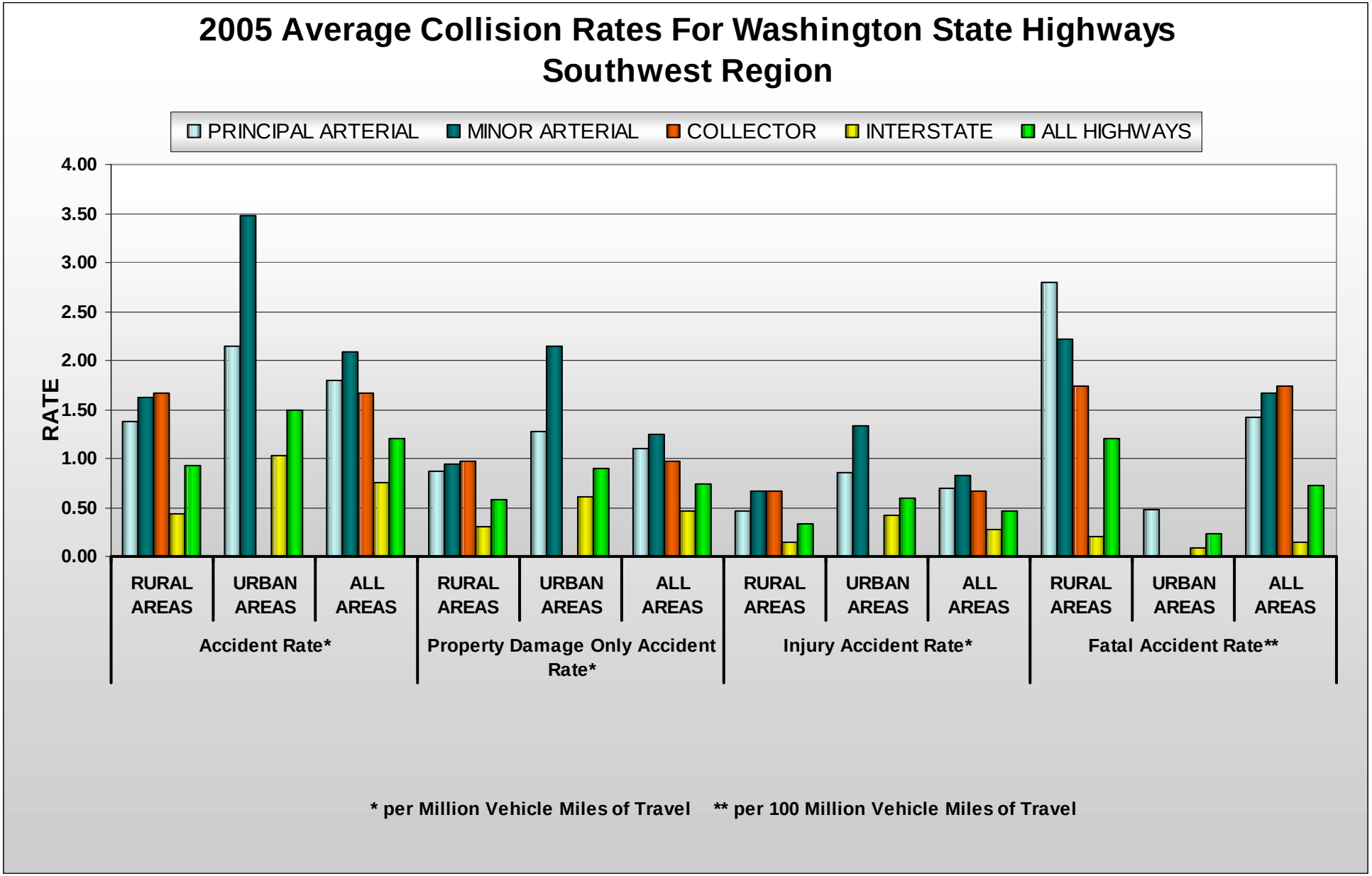
URBAN AREAS	PRINCIPAL ARTERIAL	MINOR ARTERIAL	COLLECTOR	INTERSTATE	ALL HIGHWAYS
Vehicle Miles of Travel (Billions)	0.62	0.06	0.00	1.08	1.76
Miles of Highway	65.08	21.23	0.00	44.89	131.20
Total Accidents	1,324	209	0	1,113	2,646
Accident Rate (1)	**2.14**	**3.48**	**0.00**	**1.03**	**1.50**
Property Damage Only Accidents	794	129	0	661	1,584
Property Damage Only Accident Rate (1)	**1.28**	**2.15**	**0.00**	**0.61**	**0.90**
Injury Accidents	527	80	0	451	1,058
Injury Accident Rate (1)	**0.85**	**1.33**	**0.00**	**0.42**	**0.60**
Fatal Accidents	3		0	1	4
Fatal Accident Rate (2)	**0.48**	**0.00**	**0.00**	**0.09**	**0.23**

ALL AREAS	PRINCIPAL ARTERIAL	MINOR ARTERIAL	COLLECTOR	INTERSTATE	ALL HIGHWAYS
Vehicle Miles of Travel (Billions)	1.06	0.24	0.23	2.07	3.60
Miles of Highway	390.17	193.03	309.24	96.15	988.59
Total Accidents	1,912	501	381	1,548	4,342
Accident Rate (1)	**1.80**	**2.09**	**1.66**	**0.75**	**1.21**
Property Damage Only Accidents	1,168	299	224	956	2,647
Property Damage Only Accident Rate (1)	**1.10**	**1.25**	**0.97**	**0.46**	**0.74**
Injury Accidents	729	198	153	589	1,669
Injury Accident Rate (1)	**0.69**	**0.83**	**0.67**	**0.28**	**0.46**
Fatal Accidents	15	4	4	3	26
Fatal Accident Rate (2)	**1.42**	**1.67**	**1.74**	**0.14**	**0.72**

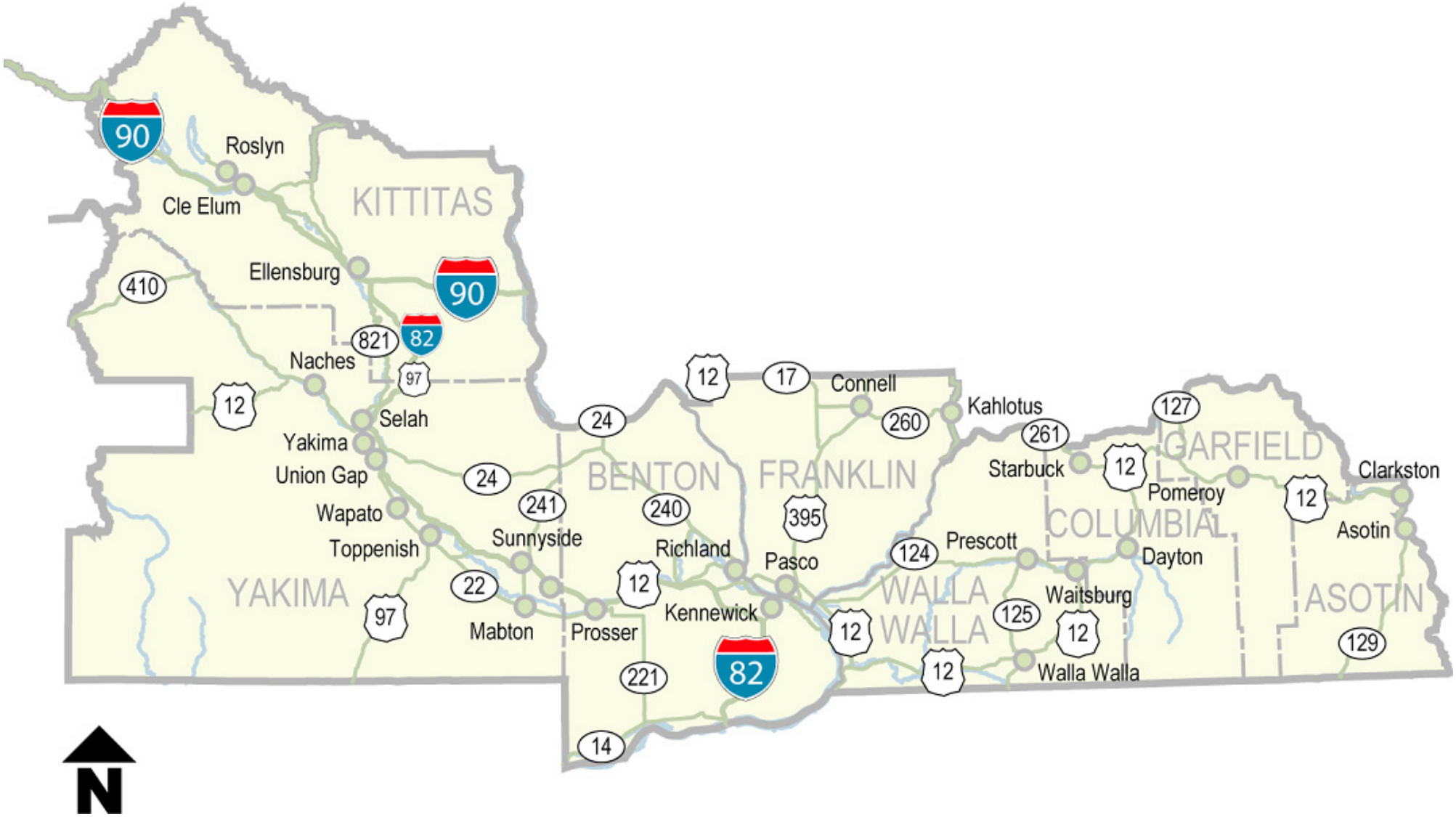
(1) Per Million Vehicle Miles of Travel
(2) Per 100 Million Vehicle Miles of Travel
*See Glossary

The Southwest Region has the highest urban principal arterial fatal accident rate.

Southwest Region contains the smallest amount of State Highway miles yet has the 3rd highest number (11) of collisions per day.


2005 Average Collision Rates For Washington State Highways
Southwest Region
PRINCIPAL ARTERIAL
MINOR ARTERIAL
COLLECTOR
INTERSTATE
ALL HIGHWAYS
RATE
4.00
3.50
3.00
2.50
2.00
1.50
1.00
0.50
0.00
RURAL AREAS
URBAN AREAS
ALL AREAS
Accident Rate*
Property Damage Only Accident Rate*
Injury Accident Rate*
Fatal Accident Rate**
* per Million Vehicle Miles of Travel
** per 100 Million Vehicle Miles of Travel

South Central Region



2005 AVERAGE COLLISION RATES BY FUNCTIONAL CLASS
South Central Region

RURAL AREAS	PRINCIPAL ARTERIAL	MINOR ARTERIAL	COLLECTOR	INTERSTATE	ALL HIGHWAYS
*Vehicle Miles of Travel (Billions)	0.45	0.19	0.16	1.52	2.32
Miles of Highway	261.69	195.90	251.32	214.17	923.08
Total Accidents	383	224	203	1,179	1,989
Accident Rate (1)	**0.85**	**1.18**	**1.27**	**0.78**	**0.86**
Property Damage Only Accidents	228	132	124	757	1,241
Property Damage Only Accident Rate (1)	**0.51**	**0.69**	**0.78**	**0.50**	**0.53**
Injury Accidents	149	87	73	411	720
Injury Accident Rate (1)	**0.33**	**0.46**	**0.46**	**0.27**	**0.31**
Fatal Accidents	6	5	6	11	28
Fatal Accident Rate (2)	**1.33**	**2.63**	**3.75**	**0.72**	**1.21**

URBAN AREAS	PRINCIPAL ARTERIAL	MINOR ARTERIAL	COLLECTOR	INTERSTATE	ALL HIGHWAYS
Vehicle Miles of Travel (Billions)	0.49	0.04	0.01	0.39	0.93
Miles of Highway	81.51	17.87	7.44	37.87	144.69
Total Accidents	838	103	26	398	1,365
Accident Rate (1)	**1.71**	**2.58**	**2.60**	**1.02**	**1.47**
Property Damage Only Accidents	547	69	10	275	901
Property Damage Only Accident Rate (1)	**1.12**	**1.73**	**1.00**	**0.71**	**0.97**
Injury Accidents	291	34	16	120	461
Injury Accident Rate (1)	**0.59**	**0.85**	**1.60**	**0.31**	**0.50**
Fatal Accidents	0	0	0	3	3
Fatal Accident Rate (2)	**0.00**	**0.00**	**0.00**	**0.77**	**0.32**

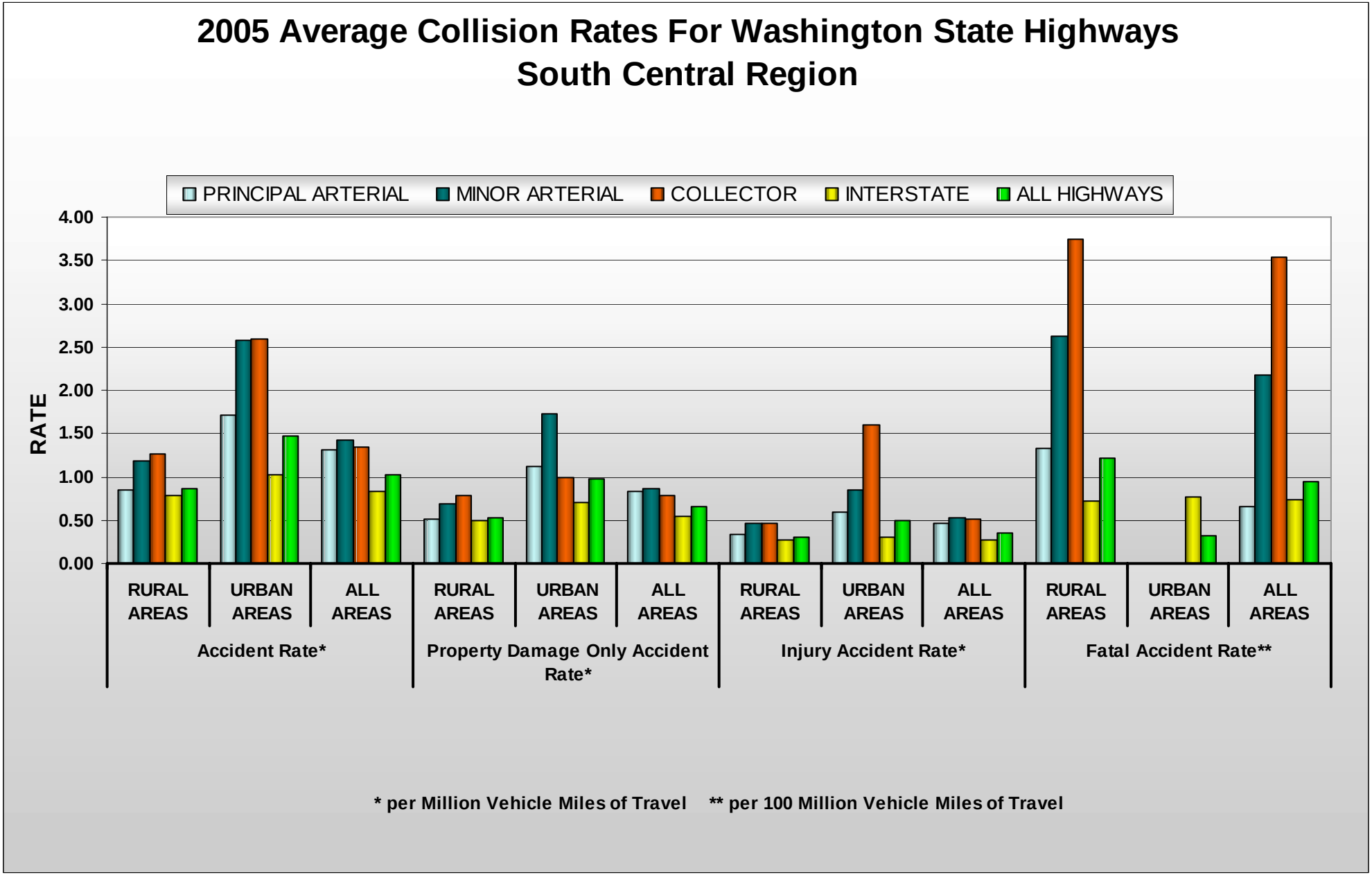
ALL AREAS	PRINCIPAL ARTERIAL	MINOR ARTERIAL	COLLECTOR	INTERSTATE	ALL HIGHWAYS
Vehicle Miles of Travel (Billions)	0.93	0.23	0.17	1.91	3.25
Miles of Highway	343.20	213.77	258.76	252.04	1,067.77
Total Accidents	1,221	327	229	1,577	3,354
Accident Rate (1)	**1.31**	**1.42**	**1.35**	**0.83**	**1.03**
Property Damage Only Accidents	775	201	134	1,032	2,142
Property Damage Only Accident Rate (1)	**0.83**	**0.87**	**0.79**	**0.54**	**0.66**
Injury Accidents	440	121	89	531	1,181
Injury Accident Rate (1)	**0.47**	**0.53**	**0.52**	**0.28**	**0.36**
Fatal Accidents	6	5	6	14	31
Fatal Accident Rate (2)	**0.65**	**2.17**	**3.53**	**0.73**	**0.95**

(1) Per Million Vehicle Miles of Travel
(2) Per 100 Million Vehicle Miles of Travel
*See Glossary

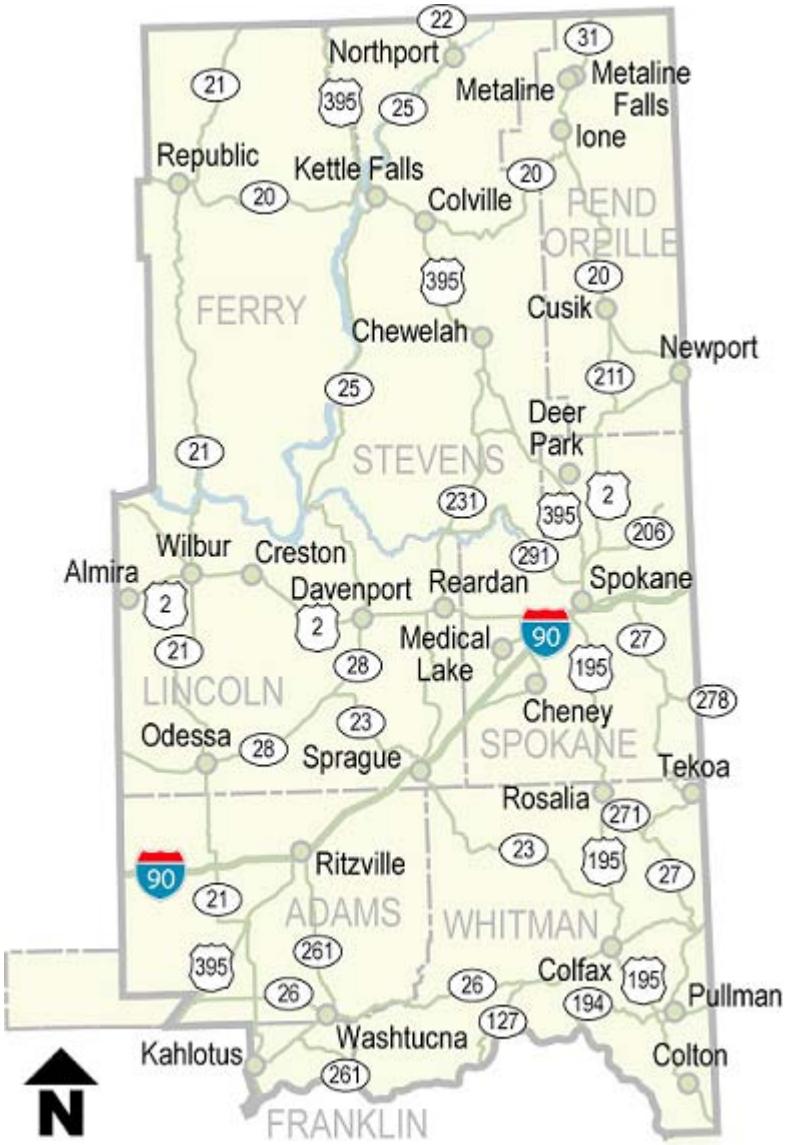
The South Central Region has the highest overall rural interstate accident rate and rural fatal accident rate.

South Central Region ranks 2nd highest in fatality rate with an average of one death every 27.3 miles

This Region has the largest number of interstate highway miles.


2005 Average Collision Rates For Washington State Highways
South Central Region
PRINCIPAL ARTERIAL
MINOR ARTERIAL
COLLECTOR
INTERSTATE
ALL HIGHWAYS
RATE
4.00
3.50
3.00
2.50
2.00
1.50
1.00
0.50
0.00
RURAL AREAS
URBAN AREAS
ALL AREAS
Accident Rate*
Property Damage Only Accident Rate*
Injury Accident Rate*
Fatal Accident Rate**
* per Million Vehicle Miles of Travel
** per 100 Million Vehicle Miles of Travel

Eastern Region



2005 AVERAGE COLLISION RATES BY FUNCTIONAL CLASS
Eastern Region

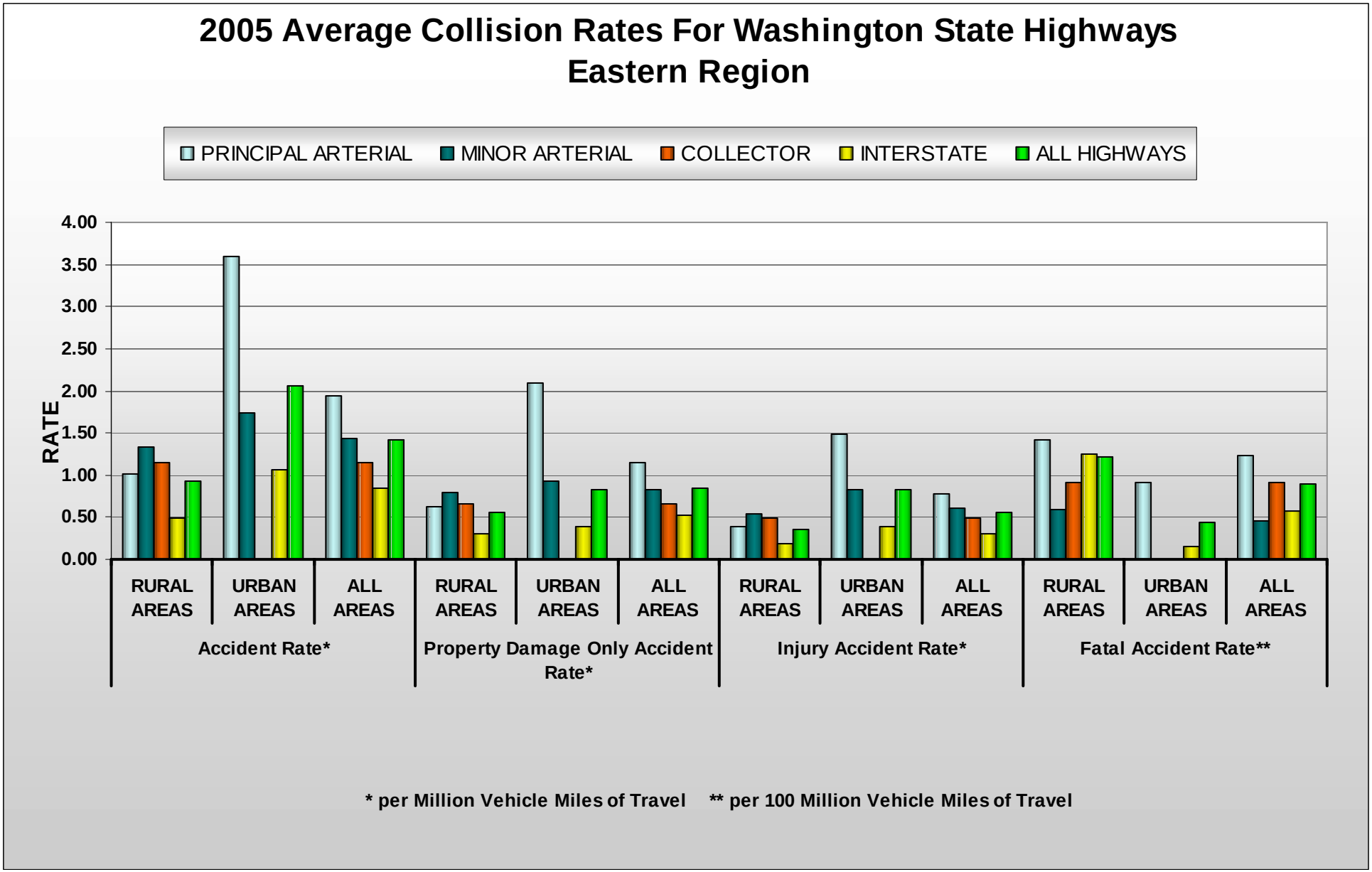
RURAL AREAS	PRINCIPAL ARTERIAL	MINOR ARTERIAL	COLLECTOR	INTERSTATE	ALL HIGHWAYS
*Vehicle Miles of Travel (Billions)	0.78	0.17	0.22	0.40	1.57
Miles of Highway	424.07	356.04	604.42	79.33	1,463.86
Total Accidents	790	227	253	197	1,467
Accident Rate (1)	**1.01**	**1.34**	**1.15**	**0.49**	**0.93**
Property Damage Only Accidents	483	134	143	118	878
Property Damage Only Accident Rate (1)	**0.62**	**0.79**	**0.65**	**0.30**	**0.56**
Injury Accidents	296	92	108	74	570
Injury Accident Rate (1)	**0.38**	**0.54**	**0.49**	**0.19**	**0.36**
Fatal Accidents	11	1	2	5	19
Fatal Accident Rate (2)	**1.41**	**0.59**	**0.91**	**1.25**	**1.21**

URBAN AREAS	PRINCIPAL ARTERIAL	MINOR ARTERIAL	COLLECTOR	INTERSTATE	ALL HIGHWAYS
Vehicle Miles of Travel (Billions)	0.44	0.05	0.00	0.65	1.14
Miles of Highway	58.94	16.01	0.00	28.01	102.96
Total Accidents	1,578	87	0	689	2,354
Accident Rate (1)	**3.59**	**1.74**	**0.00**	**1.06**	**2.06**
Property Damage Only Accidents	923	46	0	438	1,407
Property Damage Only Accident Rate (1)	**2.10**	**0.92**	**0.00**	**0.67**	**1.23**
Injury Accidents	651	41	0	250	942
Injury Accident Rate (1)	**1.48**	**0.82**	**0.00**	**0.38**	**0.83**
Fatal Accidents	4	0	0	1	5
Fatal Accident Rate (2)	**0.91**	**0.00**	**0.00**	**0.15**	**0.44**

ALL AREAS	PRINCIPAL ARTERIAL	MINOR ARTERIAL	COLLECTOR	INTERSTATE	ALL HIGHWAYS
Vehicle Miles of Travel (Billions)	1.22	0.22	0.22	1.05	2.71
Miles of Highway	483.01	372.05	604.42	107.34	1,566.82
Total Accidents	2,368	314	253	886	3,821
Accident Rate (1)	**1.94**	**1.43**	**1.15**	**0.84**	**1.41**
Property Damage Only Accidents	1,406	180	143	556	2,285
Property Damage Only Accident Rate (1)	**1.15**	**0.82**	**0.65**	**0.53**	**0.84**
Injury Accidents	947	133	108	324	1,512
Injury Accident Rate (1)	**0.78**	**0.60**	**0.49**	**0.31**	**0.56**
Fatal Accidents	15	1	2	6	24
Fatal Accident Rate (2)	**1.23**	**0.45**	**0.91**	**0.57**	**0.89**

(1) Per Million Vehicle Miles of Travel
(2) Per 100 Million Vehicle Miles of Travel
*See Glossary

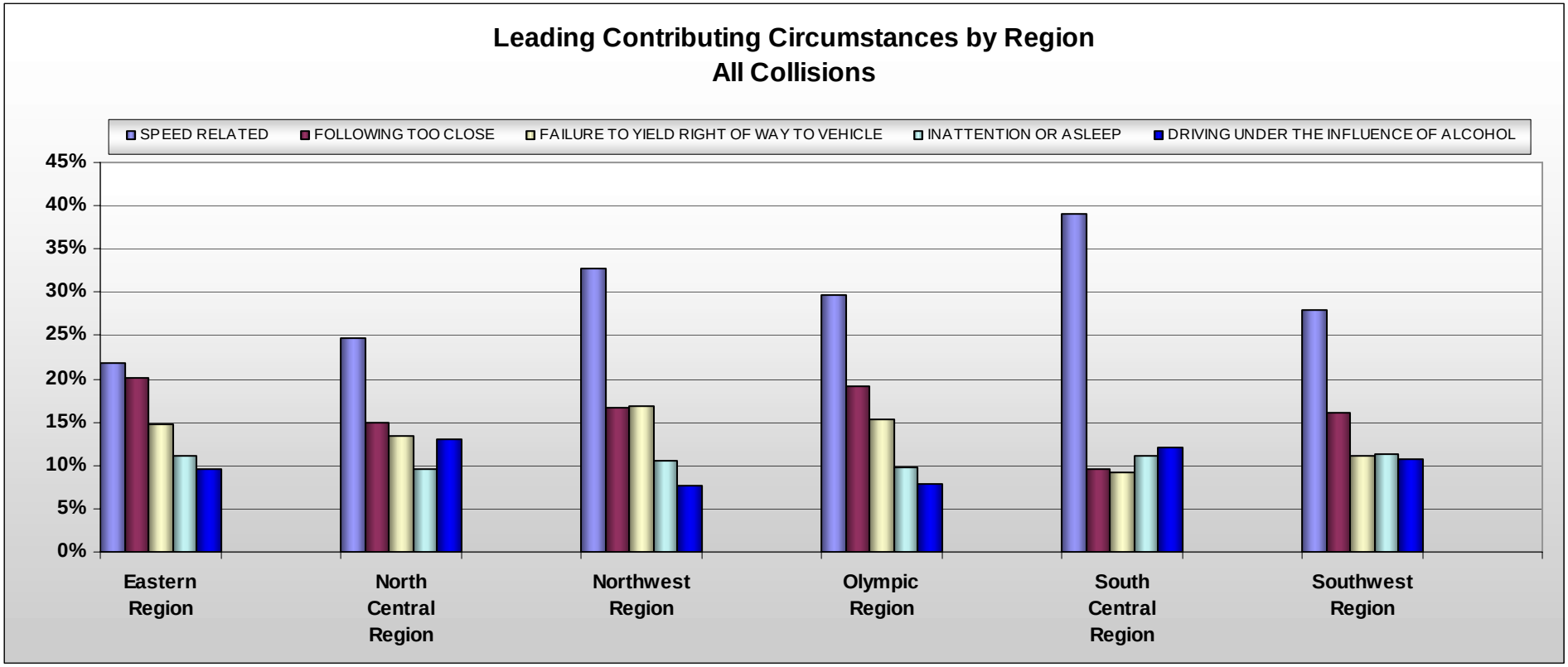
Eastern Region contains the most State Highway miles per Region and has the lowest number of fatal accidents.


2005 Average Collision Rates For Washington State Highways
Eastern Region
PRINCIPAL ARTERIAL
MINOR ARTERIAL
COLLECTOR
INTERSTATE
ALL HIGHWAYS
RATE
4.00
3.50
3.00
2.50
2.00
1.50
1.00
0.50
0.00
RURAL AREAS
URBAN AREAS
ALL AREAS
Accident Rate*
Property Damage Only Accident Rate*
Injury Accident Rate*
Fatal Accident Rate**
* per Million Vehicle Miles of Travel
** per 100 Million Vehicle Miles of Travel

WSDOT Leading Driver Contributing Circumstances for all Collisions by Region

(This data is a combination of all three contributing circumstances for each unit)

CONTRIBUTING CIRCUMSTANCE	Eastern Region		North Central Region		Northwest Region		Olympic Region		South Central Region		Southwest Region	
SPEED RELATED	797	22%	488	25%	9,351	33%	3,741	30%	1,312	39%	1,146	28%
FOLLOWING TOO CLOSE	731	20%	297	15%	4,749	17%	2,420	19%	321	10%	660	16%
FAILURE TO YIELD RIGHT OF WAY TO VEHICLE	536	15%	264	13%	4,811	17%	1,926	15%	308	9%	456	11%
OTHER	404	11%	188	9%	3,019	11%	1,219	10%	373	11%	460	11%
INATTENTION OR ASLEEP	349	10%	257	13%	2,184	8%	987	8%	407	12%	442	11%
DRIVING UNDER THE INFLUENCE OF ALCOHOL	179	5%	132	7%	1,224	4%	637	5%	181	5%	276	7%
DISOBEY SIGNAL	204	6%	72	4%	882	3%	422	3%	78	2%	148	4%
DEFECTIVE EQUIPMENT	99	3%	61	3%	503	2%	270	2%	128	4%	143	3%
IMPROPER TURN	105	3%	40	2%	551	2%	260	2%	46	1%	75	2%

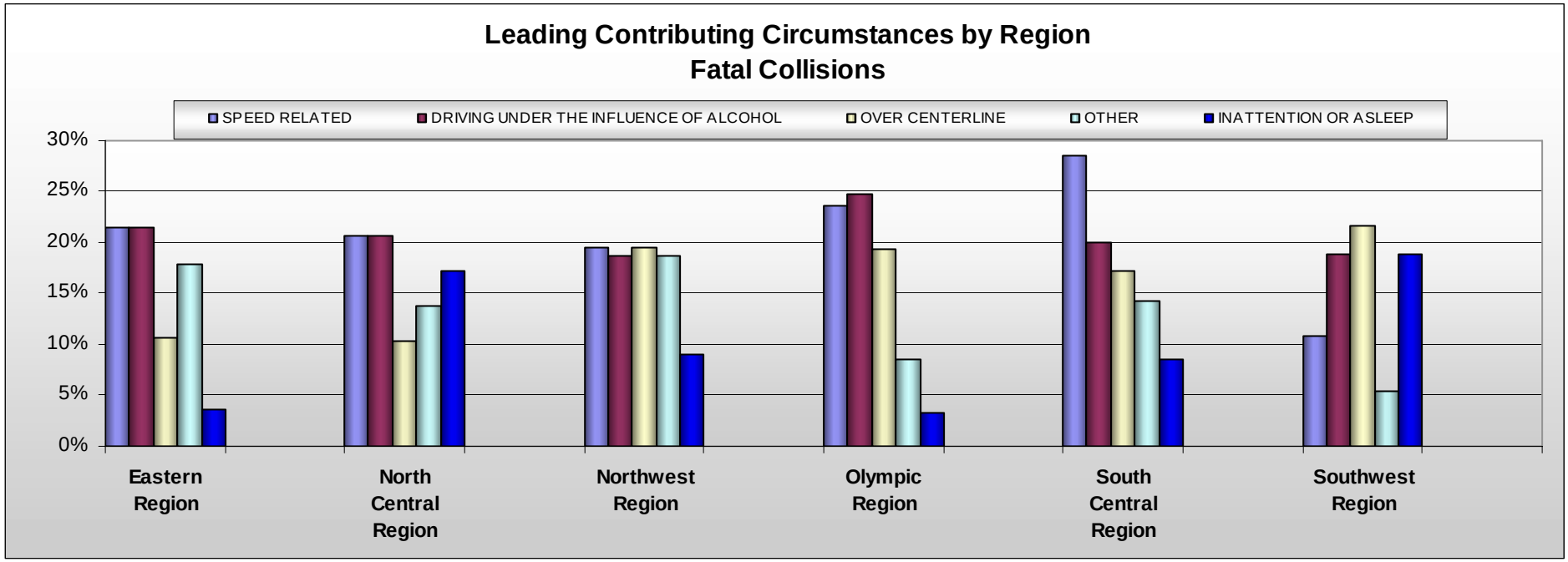


Speeding is consistently the number one contributing circumstance for each Region.

WSDOT Leading Driver Contributing Circumstances for all Fatal Collisions by Region

(This data is a combination of all three contributing circumstances for each unit)

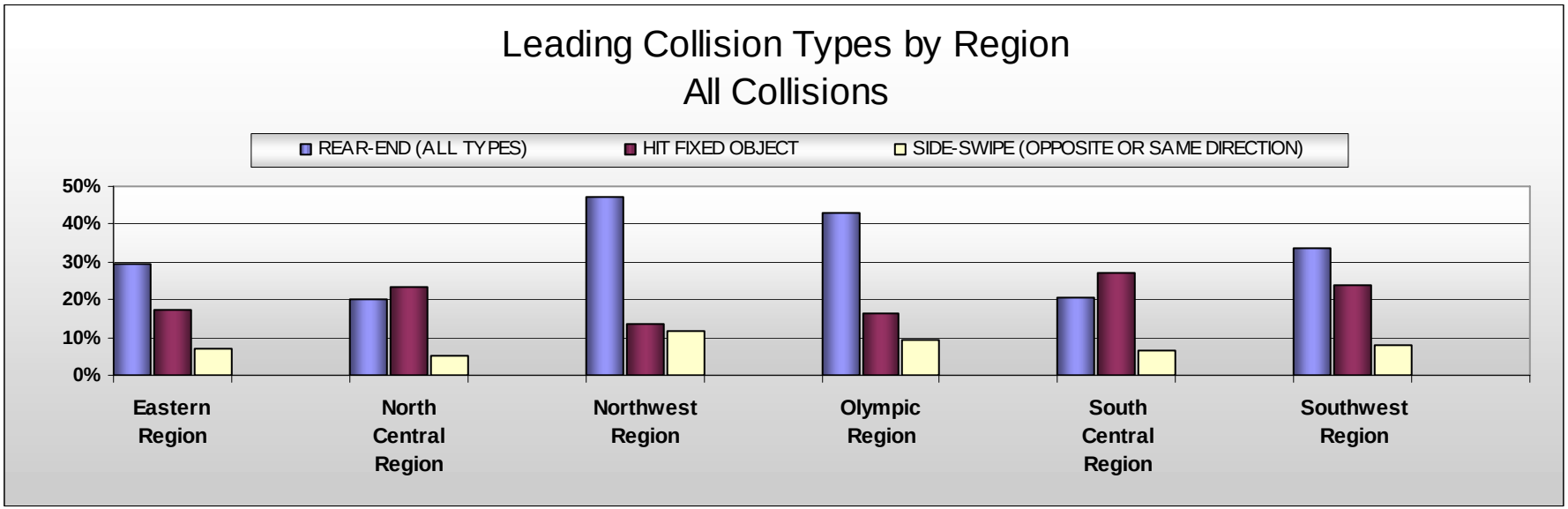
CONTRIBUTING CIRCUMSTANCE	Eastern Region		North Central Region		Northwest Region		Olympic Region		South Central Region		Southwest Region	
SPEED RELATED	6	21%	6	21%	24	20%	22	24%	10	29%	4	11%
DRIVING UNDER THE INFLUENCE OF ALCOHOL	6	21%	6	21%	23	19%	23	25%	7	20%	7	19%
OVER CENTERLINE	3	11%	3	10%	24	20%	18	19%	6	17%	8	22%
OTHER	5	18%	4	14%	23	19%	8	9%	5	14%	2	5%
INATTENTION OR ASLEEP	1	4%	5	17%	11	9%	3	3%	3	9%	7	19%
FAILURE TO YIELD RIGHT OF WAY TO VEHICLE	3	11%	3	10%	6	5%	5	5%	1	3%	1	3%
DRIVING UNDER THE INFLUENCE OF DRUGS	3	11%	1	3%	4	3%	6	6%	1	3%	2	5%
DISOBEY SIGNAL	1	4%	1	3%	6	5%	1	1%	1	3%	3	8%
DEFECTIVE EQUIPMENT	0	0%	0	0%	1	1%	4	4%	1	3%	1	3%
IMPROPER PASSING	0	0%	0	0%	1	1%	3	3%	0	0%	2	5%



Unlike total collisions, there is no one dominant contributing circumstance for fatal collisions.

WSDOT Leading Collision Types by Region

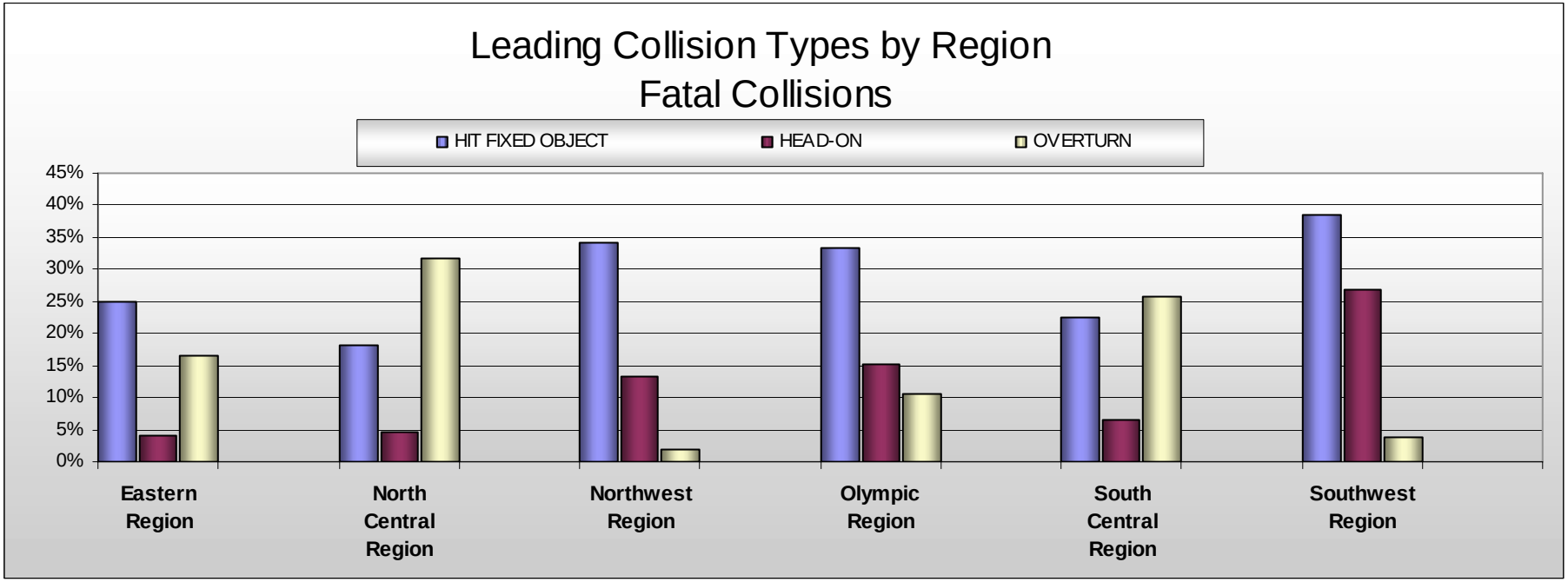
FIRST COLLISION TYPE	Eastern Region		North Central Region		Northwest Region		Olympic Region		South Central Region		Southwest Region	
REAR-END (ALL TYPES)	1,116	29%	405	20%	12,462	47%	5,111	43%	687	20%	1,469	34%
HIT FIXED OBJECT	659	17%	469	23%	3,620	14%	1,941	16%	910	27%	1,039	24%
SIDE-SWIPE (OPPOSITE OR SAME DIRECTION)	275	7%	106	5%	3,058	12%	1,139	10%	215	6%	345	8%
ENTERING AT ANGLE	412	11%	189	9%	1,682	6%	1,014	8%	200	6%	298	7%
ONE CAR ENTERING/LEAVING DRIVEWAY	168	4%	101	5%	1,544	6%	700	6%	60	2%	178	4%
OVERTURN	346	9%	256	13%	532	2%	413	3%	552	16%	252	6%
ALL OTHER-OPPOSITE DIRECTION	199	5%	80	4%	1,354	5%	458	4%	101	3%	147	3%
ALL OTHER- SAME DIRECTION	189	5%	82	4%	1,047	4%	474	4%	162	5%	181	4%



The top two collision types in Washington by Region are Rear-end and Hit Fixed Object. In the Northwest and Olympic Regions, Rear-end collisions occur more than twice as frequently as the next closest category.

WSDOT Leading Fatal Collision Types by Region

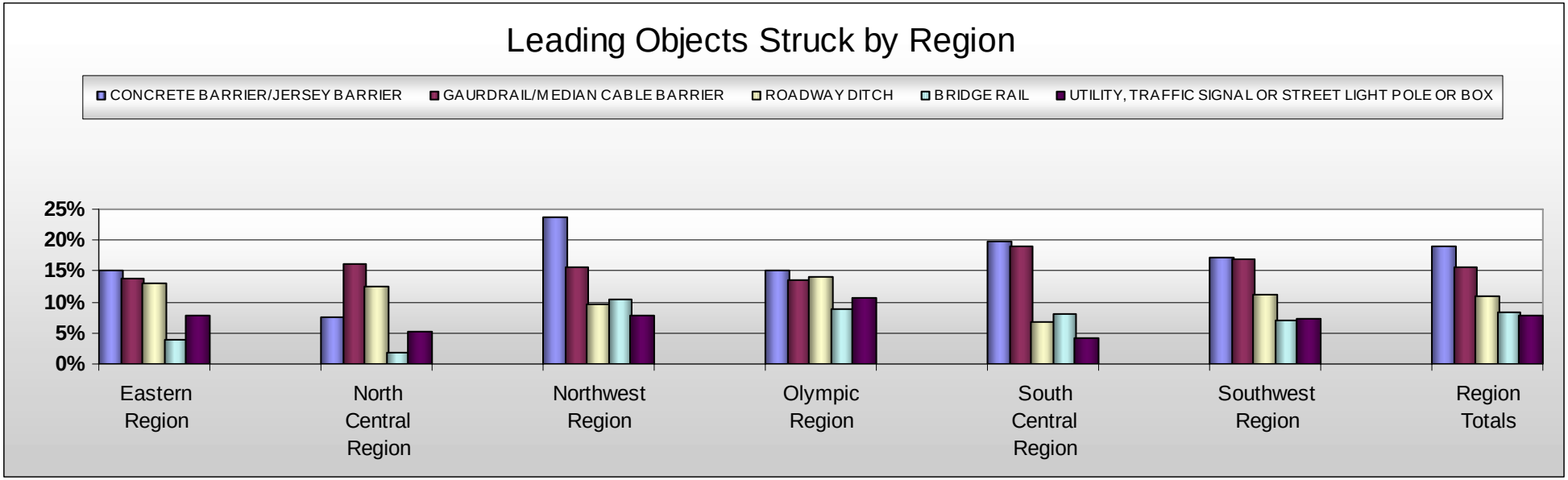
FIRST COLLISION TYPE	Eastern Region		North Central Region		Northwest Region		Olympic Region		South Central Region		Southwest Region	
HIT FIXED OBJECT	6	25%	4	18%	36	34%	22	33%	7	23%	10	38%
HEAD-ON	1	4%	1	5%	14	13%	10	15%	2	6%	7	27%
OVERTURN	4	17%	7	32%	2	2%	7	11%	8	26%	1	4%
PEDESTRIAN INVOLVED	3	13%	0	0%	16	15%	2	3%	2	6%	0	0%
SIDE-SWIPE (OPPOSITE OR SAME DIRECTION)	2	8%	0	0%	7	7%	8	12%	5	16%	1	4%
ALL OTHER-OPPOSITE DIRECTION	2	8%	2	9%	10	10%	5	8%	1	3%	2	8%
ENTERING AT ANGLE	2	8%	4	18%	6	6%	3	5%	0	0%	4	15%
REAR-END (ALL TYPES)	3	13%	1	5%	6	6%	3	5%	0	0%	0	0%



In four of the six Regions, Hit Fixed Object is the leading collision type for fatal collisions.

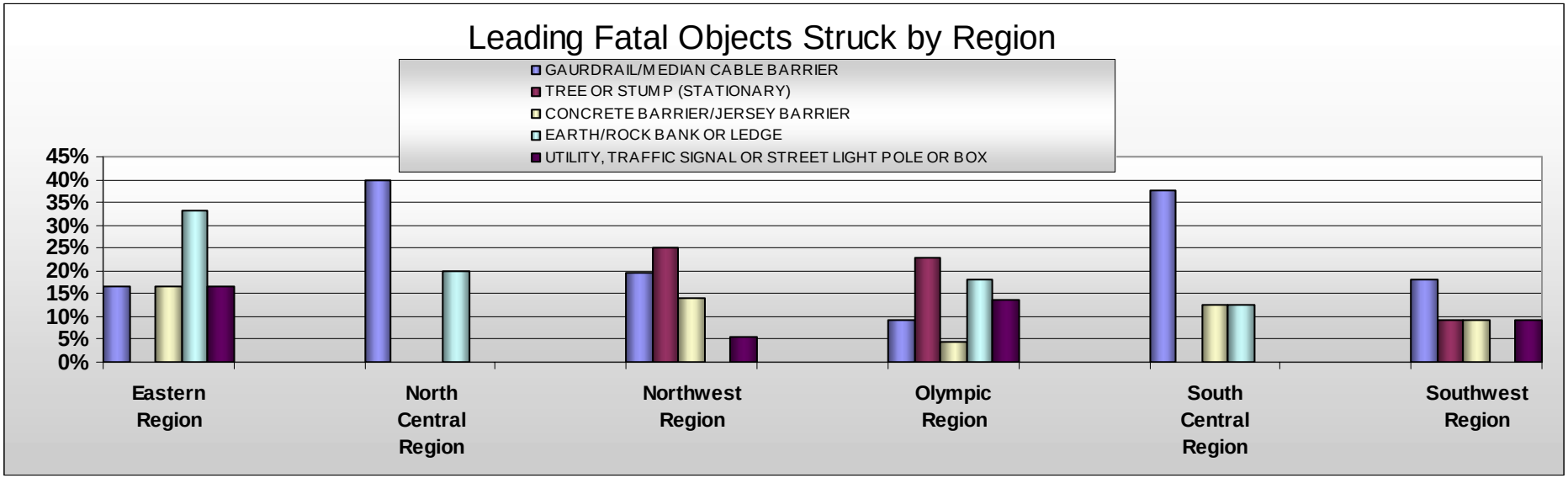
WSDOT Leading Object Struck by Region

FIRST OBJECT STRUCK	Eastern Region		North Central Region		Northwest Region		Olympic Region		South Central Region		Southwest Region		Region Totals	
CONCRETE BARRIER/JERSEY BARRIER	101	15%	38	8%	888	24%	302	15%	188	20%	189	17%	1706	19%
GAURDRAIL/MEDIAN CABLE BARRIER	93	14%	80	16%	587	16%	268	13%	182	19%	187	17%	1397	16%
ROADWAY DITCH	88	13%	62	13%	361	10%	280	14%	65	7%	123	11%	979	11%
BRIDGE RAIL	27	4%	9	2%	387	10%	175	9%	78	8%	77	7%	753	8%
UTILITY, TRAFFIC SIGNAL OR STREET LIGHT POLE OR BOX	53	8%	26	5%	292	8%	212	11%	39	4%	79	7%	701	8%



WSDOT Leading Fatal Object Struck by Region

FIRST OBJECT STRUCK (FATAL)	Eastern Region		North Central Region		Northwest Region		Olympic Region		South Central Region		Southwest Region	
GAURDRAIL/MEDIAN CABLE BARRIER	1	17%	2	40%	7	19%	2	9%	3	38%	2	18%
TREE OR STUMP (STATIONARY)	0	0%	0	0%	9	25%	5	23%	0	0%	1	9%
CONCRETE BARRIER/JERSEY BARRIER	1	17%	0	0%	5	14%	1	5%	1	13%	1	9%
EARTH/ROCK BANK OR LEDGE	2	33%	1	20%	0	0%	4	18%	1	13%	0	0%
UTILITY, TRAFFIC SIGNAL OR STREET LIGHT POLE OR BOX	1	17%	0	0%	2	6%	3	14%	0	0%	1	9%



Weather and Road Surface Conditions by Region

EASTERN REGION WEATHER VS. ROAD SURFACE CONDITIONS

	SURFACE CONDITION								
WEATHER	DRY	ICE	OIL	OTHER	SAND/MUD/DIRT	SNOW/SLUSH	STANDING WATER	WET	UNKNOWN
CLEAR OR PARTLY CLOUDY	2,250	113	1	6	1	28	0	70	5
OVERCAST	291	90	0	1	1	56	2	159	3
RAINING	8	22	0	1	0	10	6	286	0
SNOWING	2	31	0	0	0	143	0	8	0
FOG/SMOG/SMOKE	19	33	0	1	1	3	0	28	1
UNKNOWN	23	1	0	0	0	2	0	2	27
BLOWING SAND/DIRT/SNOW	26	3	0	2	0	5	0	0	0
OTHER	18	0	0	0	0	0	0	2	3
SLEET/HAIL/FREEZING RAIN	0	18	0	0	0	3	0	1	0
SEVERE CROSSWIND	2	0	0	0	0	3	0	0	0

OLYMPIC REGION WEATHER VS. ROAD SURFACE CONDITIONS

	SURFACE CONDITION								
WEATHER	DRY	ICE	OIL	OTHER	SAND/MUD/DIRT	SNOW/SLUSH	STANDING WATER	WET	UNKNOWN
CLEAR OR PARTLY CLOUDY	6,374	192	5	5	4	6	0	269	2
RAINING	43	26	1	2	1	13	25	2,367	4
OVERCAST	1,238	87	3	3	0	11	1	868	4
FOG/SMOG/SMOKE	70	22	0	0	1	0	1	37	0
UNKNOWN	39	4	0	0	0	0	0	12	55
SNOWING	0	13	0	0	0	47	0	8	1
OTHER	18	6	0	0	1	1	0	8	2
SLEET/HAIL/FREEZING RAIN	1	24	0	0	0	4	0	7	0
BLOWING SAND/DIRT/SNOW	3	0	0	1	0	0	0	0	0
SEVERE CROSSWIND	1	0	0	0	0	0	0	2	0

NORTH CENTRAL REGION WEATHER VS. ROAD SURFACE CONDITIONS

	SURFACE CONDITION								
WEATHER	DRY	ICE	OIL	OTHER	SAND/MUD/DIRT	SNOW/SLUSH	STANDING WATER	WET	UNKNOWN
CLEAR OR PARTLY CLOUDY	1,257	46	0	6	1	15	0	37	3
OVERCAST	121	40	0	3	0	27	0	71	0
SNOWING	1	18	0	0	1	149	0	3	0
RAINING	1	11	0	0	0	12	6	83	1
FOG/SMOG/SMOKE	5	18	0	0	1	3	0	14	0
UNKNOWN	6	1	0	0	0	2	0	2	4
SLEET/HAIL/FREEZING RAIN	0	13	0	0	0	2	0	0	0
BLOWING SAND/DIRT/SNOW	5	0	0	0	3	1	0	0	0
OTHER	2	0	0	0	0	1	0	1	2
SEVERE CROSSWIND	0	0	0	0	0	0	0	0	0

SOUTH CENTRAL REGION WEATHER VS. ROAD SURFACE CONDITIONS

	SURFACE CONDITION								
WEATHER	DRY	ICE	OIL	OTHER	SAND/MUD/DIRT	SNOW/SLUSH	STANDING WATER	WET	UNKNOWN
CLEAR OR PARTLY CLOUDY	1,904	101	0	4	1	18	0	51	2
OVERCAST	214	132	0	3	0	50	0	79	0
SNOWING	0	68	0	0	0	296	0	12	0
RAINING	7	27	0	1	0	22	1	160	0
FOG/SMOG/SMOKE	18	54	0	2	0	1	0	18	1
SLEET/HAIL/FREEZING RAIN	1	42	0	0	0	10	0	0	0
UNKNOWN	11	1	0	0	0	1	0	2	7
OTHER	6	4	0	1	0	1	0	1	2
SEVERE CROSSWIND	10	2	0	0	0	0	0	0	0
BLOWING SAND/DIRT/SNOW	3	1	0	0	0	1	0	0	0

NORTHWEST REGION WEATHER VS. ROAD SURFACE CONDITIONS

	SURFACE CONDITION								
WEATHER	DRY	ICE	OIL	OTHER	SAND/MUD/DIRT	SNOW/SLUSH	STANDING WATER	WET	UNKNOWN
CLEAR OR PARTLY CLOUDY	14,813	168	5	15	5	4	1	440	18
RAINING	77	8	11	6	0	26	76	4,905	6
OVERCAST	2,972	65	0	3	3	41	4	1,776	13
FOG/SMOG/SMOKE	175	56	0	1	1	0	0	64	1
UNKNOWN	76	3	0	2	0	2	0	29	140
SNOWING	2	22	0	0	1	162	0	33	0
SLEET/HAIL/FREEZING RAIN	0	28	0	2	0	36	0	18	1
OTHER	50	2	0	3	0	0	0	10	15
BLOWING SAND/DIRT/SNOW	2	2	0	0	0	3	0	1	0
SEVERE CROSSWIND	5	2	0	0	0	0	0	0	0

SOUTHWEST REGION WEATHER VS. ROAD SURFACE CONDITIONS

	SURFACE CONDITION								
WEATHER	DRY	ICE	OIL	OTHER	SAND/MUD/DIRT	SNOW/SLUSH	STANDING WATER	WET	UNKNOWN
CLEAR OR PARTLY CLOUDY	2,181	94	1	3	0	5	0	74	2
RAINING	12	24	0	0	0	3	35	786	1
OVERCAST	452	52	1	2	1	5	1	331	2
SLEET/HAIL/FREEZING RAIN	0	61	0	3	0	4	0	4	0
FOG/SMOG/SMOKE	32	11	0	0	0	0	0	24	1
UNKNOWN	21	3	0	0	0	2	1	14	26
SNOWING	1	6	0	0	0	26	0	3	0
OTHER	17	1	0	0	0	1	0	2	3
SEVERE CROSSWIND	3	0	0	0	0	0	0	2	1
BLOWING SAND/DIRT/SNOW	1	0	0	0	0	0	0	0	0

Most Severe Injury by Road Surface Condition by Region

Eastern Region

SURFACE CONDITION	FATAL COLLISIONS	DISABLING INJURY COLLISIONS	EVIDENT INJURY COLLISIONS	POSSIBLE INJURY COLLISIONS	PROPERTY DAMAGE ONLY	TOTAL
DRY	21	73	338	671	1,536	2,639
WET	2	10	69	146	329	556
ICE	1	8	50	55	197	311
SNOW/SLUSH	0	3	31	35	184	253
UNKNOWN	0	0	4	10	25	39
OTHER	0	0	1	4	6	11
STANDING WATER	0	1	0	1	6	8
SAND/MUD/DIRT	0	0	0	1	2	3
OIL	0	0	1	0	0	1
TOTAL	24	95	494	923	2,285	3,821

Olympic Region

SURFACE CONDITION	FATAL COLLISIONS	DISABLING INJURY COLLISIONS	EVIDENT INJURY COLLISIONS	POSSIBLE INJURY COLLISIONS	PROPERTY DAMAGE ONLY	TOTAL
DRY	46	141	753	2,147	4,700	7,787
WET	16	50	322	964	2,226	3,578
ICE	3	3	43	89	236	374
SNOW/SLUSH	1	0	6	16	59	82
UNKNOWN	0	0	2	23	43	68
STANDING WATER	0	0	6	7	14	27
OTHER	0	0	1	2	8	11
OIL	0	0	1	2	6	9
SAND/MUD/DIRT	0	0	2	2	3	7
TOTAL	66	194	1,136	3,252	7,295	11,943

North Central Region

SURFACE CONDITION	FATAL COLLISIONS	DISABLING INJURY COLLISIONS	EVIDENT INJURY COLLISIONS	POSSIBLE INJURY COLLISIONS	PROPERTY DAMAGE ONLY	TOTAL
DRY	20	37	253	260	828	1,398
SNOW/SLUSH	0	1	35	33	143	212
WET	2	6	28	47	128	211
ICE	0	1	29	18	99	147
UNKNOWN	0	1	2	0	7	10
OTHER	0	0	2	1	6	9
STANDING WATER	0	0	1	0	5	6
SAND/MUD/DIRT	0	0	2	0	4	6
OIL	0	0	0	0	0	0
TOTAL	22	46	352	359	1,220	1,999

South Central Region

SURFACE CONDITION	FATAL COLLISIONS	DISABLING INJURY COLLISIONS	EVIDENT INJURY COLLISIONS	POSSIBLE INJURY COLLISIONS	PROPERTY DAMAGE ONLY	TOTAL
DRY	26	70	372	380	1,326	2,174
ICE	0	7	69	52	304	432
SNOW/SLUSH	2	2	52	49	295	400
WET	3	8	44	72	196	323
UNKNOWN	0	0	0	0	12	12
OTHER	0	0	1	2	8	11
STANDING WATER	0	0	0	0	1	1
SAND/MUD/DIRT	0	0	1	0	0	1
OIL	0	0	0	0	0	0
TOTAL	31	87	539	555	2,142	3,354

Northwest Region

SURFACE CONDITION	FATAL COLLISIONS	DISABLING INJURY COLLISIONS	EVIDENT INJURY COLLISIONS	POSSIBLE INJURY COLLISIONS	PROPERTY DAMAGE ONLY	TOTAL
DRY	79	239	1,372	5,245	11,243	18,178
WET	24	93	533	2,044	4,587	7,281
ICE	0	9	38	81	228	356
SNOW/SLUSH	0	2	22	55	195	274
UNKNOWN	2	2	7	47	136	194
STANDING WATER	0	1	6	18	56	81
OTHER	0	1	9	6	16	32
OIL	0	0	1	2	13	16
SAND/MUD/DIRT	0	0	1	2	7	10
TOTAL	105	347	1,989	7,500	16,481	26,422

Southwest Region

SURFACE CONDITION	FATAL COLLISIONS	DISABLING INJURY COLLISIONS	EVIDENT INJURY COLLISIONS	POSSIBLE INJURY COLLISIONS	PROPERTY DAMAGE ONLY	TOTAL
DRY	20	83	325	681	1,611	2,720
WET	5	28	141	299	767	1,240
ICE	0	6	19	48	179	252
SNOW/SLUSH	1	2	6	7	30	46
STANDING WATER	0	1	5	6	25	37
UNKNOWN	0	0	1	6	29	36
OTHER	0	0	2	1	5	8
OIL	0	0	0	1	1	2
SAND/MUD/DIRT	0	0	0	1	0	1
TOTAL	26	120	499	1,050	2,647	4,342

People, Vehicles, and Collisions

Overview of People, Vehicles, and Collisions
Person Type by Injury Type

STATUS	KILLED	DISABLING INJURY	EVIDENT INJURY	POSSIBLE INJURY	NO INJURY	*TOTAL INVOLVED	PERCENT FATAL OF TOTAL INVOLVED
**Motor Vehicle Driver	161	596	4,129	14,551	70,894	90,331	0.18%
**Motor Vehicle Passenger	87	290	1,720	5,640	29,484	37,221	0.23%
Motorcycle Driver	36	144	383	252	145	960	3.75%
Motorcycle Passenger	4	12	33	24	11	84	4.76%
***Other Pedestrians (roadway worker, flagger, other)	1	1	9	10	0	21	4.76%
***Pedestrian (on foot, wheelchair, skateboarder etc.)	24	70	130	120	4	348	6.90%
Moped/Scooter Bike Driver/Passenger	1	5	2	1	1	10	10.00%
****Pedalcyclist Driver/Passenger	2	15	104	66	9	196	1.02%
Total	316	1,133	6,510	20,664	100,548	129,171	0.24%

*Not including unknown injury
**Does not include Motorcycle, Moped or Scooter Bike Drivers/Passengers
***See Glossary for further definition
****Bicycles, Tricycles and Unicycles

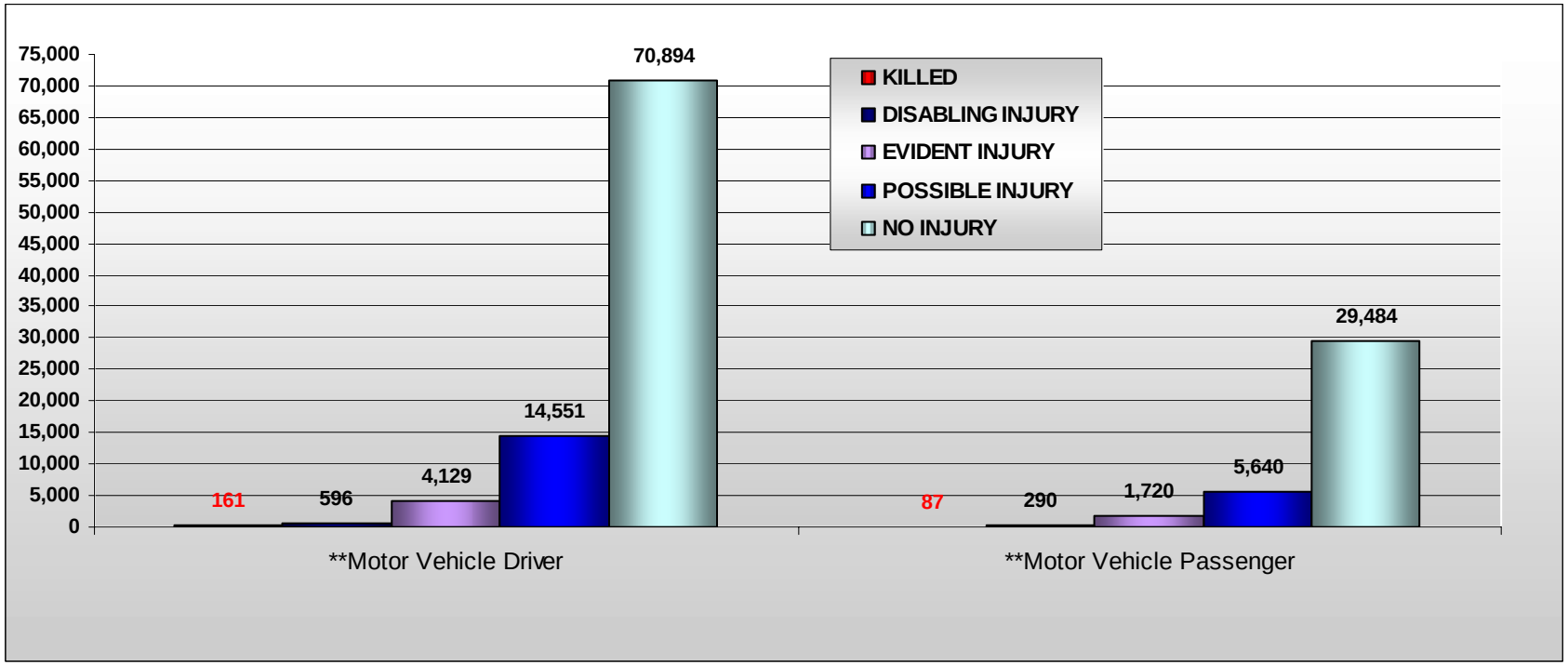
Motor vehicle drivers and passengers combined account for 76% of the overall number of fatalities with a total of 212.

When comparing within each subgroup noted above, pedestrians experienced the highest overall percentage of people killed with 6.78%; motorcycle passengers had the second highest percentage with 4.76%.

Motor Vehicle Collisions, Person Type by Injury Severity Type

STATUS	KILLED	DISABLING INJURY	EVIDENT INJURY	POSSIBLE INJURY	NO INJURY	*TOTAL INVOLVED	PERCENT FATAL OF TOTAL INVOLVED
**Motor Vehicle Driver	161	596	4,129	14,551	70,894	90,331	0.18%
**Motor Vehicle Passenger	87	290	1,720	5,640	29,484	37,221	0.23%

*Not including unknown injury
**Does not include Motorcycle, Moped or Scooter Bike Drivers/Passengers

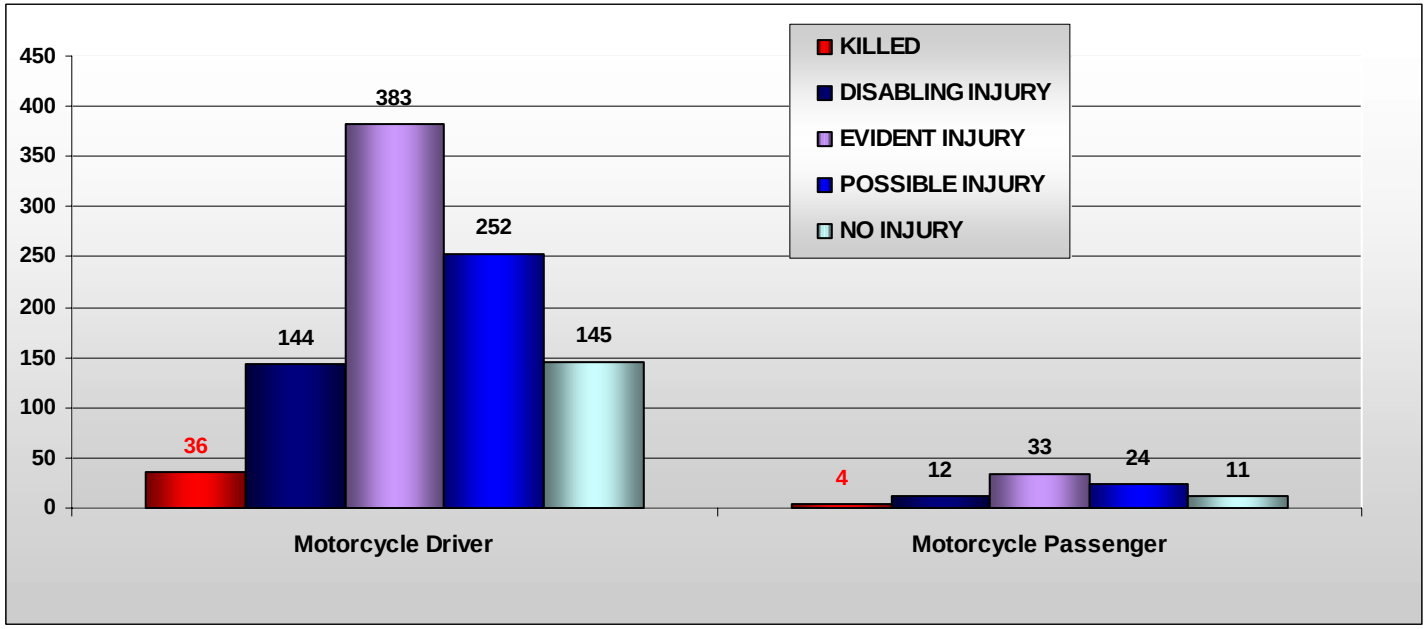


Collisions involving no injuries to involved parties are by far the largest category, accounting for 79% of involved motor vehicle drivers and passengers. The second leading severity level experienced is 16% for the possible injury category.

Motorcycle Collisions, Person Type by Injury Severity Type

STATUS	KILLED	DISABLING INJURY	EVIDENT INJURY	POSSIBLE INJURY	NO INJURY	*TOTAL INVOLVED	PERCENT FATAL OF TOTAL INVOLVED
Motorcycle Driver	36	144	383	252	145	960	3.75%
Motorcycle Passenger	4	12	33	24	11	84	4.76%

*Not including unknown injury



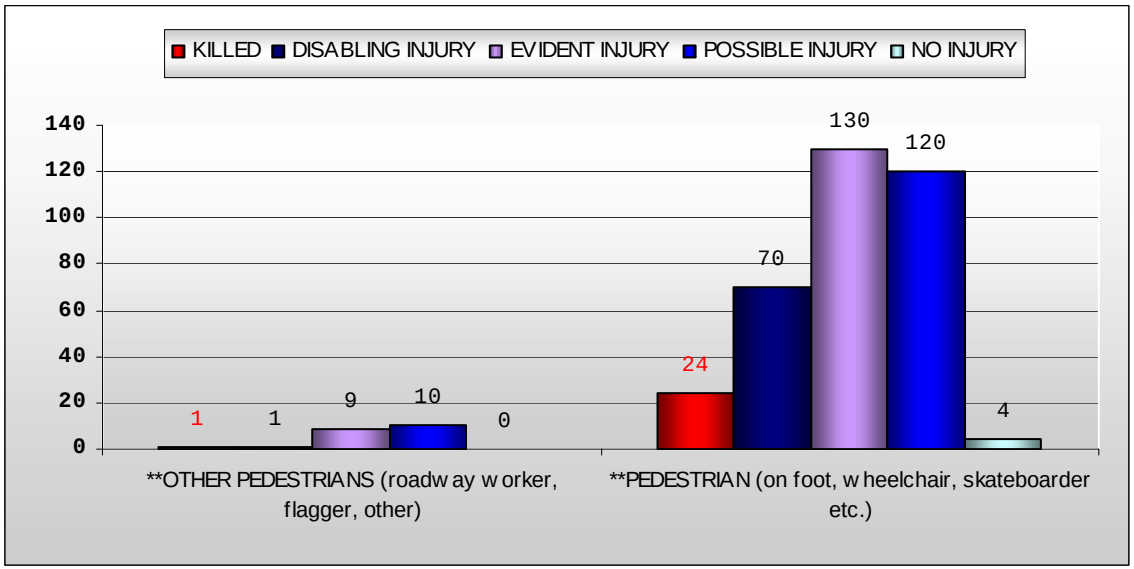
When a motorcycle driver was involved in a collision, 86% of the time they experienced an injury. Motorcycle passengers had a similar injury experience 89% of the time.

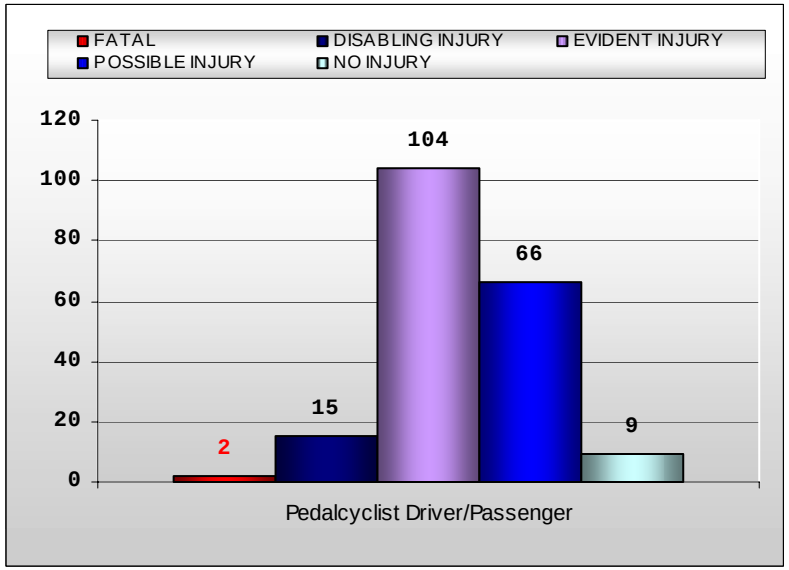
Overall, an injury classification of “evident” injury was the severity level most often experienced with 40% and 39% respectively for motorcycle drivers and passengers.

Pedestrians and Pedalcyclists, Person Type by Injury Severity Type

STATUS	KILLED	DISABLING INJURY	EVIDENT INJURY	POSSIBLE INJURY	NO INJURY	*TOTAL INVOLVED	PERCENT FATAL OF TOTAL INVOLVED
**Pedestrian (on foot, wheelchair, skateboarder etc.)	24	70	130	120	4	348	6.90%
**Other Pedestrians(roadway worker, flagger, other)	1	1	9	10	0	21	4.76%
***Pedalcyclist Driver/Passenger	2	15	104	66	9	196	1.02%

*Not including unknown injury
**See Glossary for further definition
***Bicycles, Tricycles and Unicycles





When a pedestrian was involved in a collision, 92% of the time they experienced some level of injury and another 7% were killed. For pedalcyclists these figures are 94% and 1%.

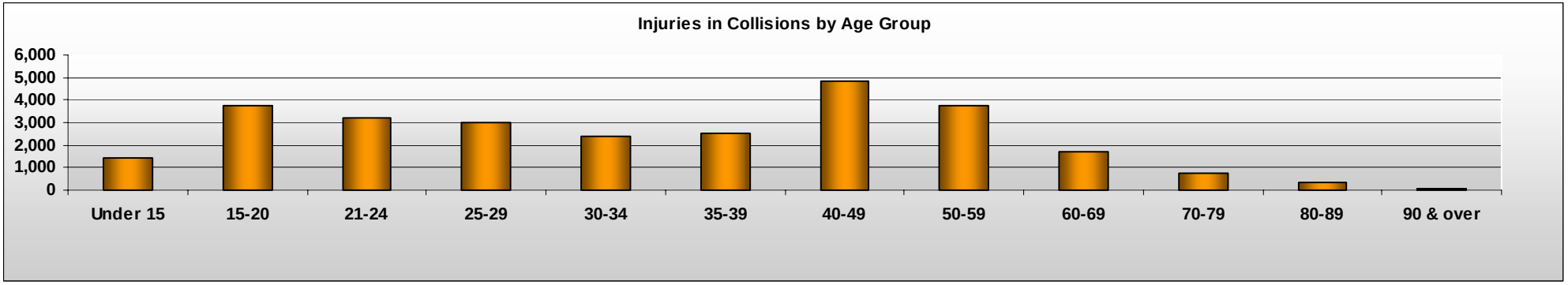
Like the motorcycle drivers and passengers, an injury classification of "evident" injury was the severity level most often experienced for pedestrians and pedalcyclists, with 38% and 53%, respectively.

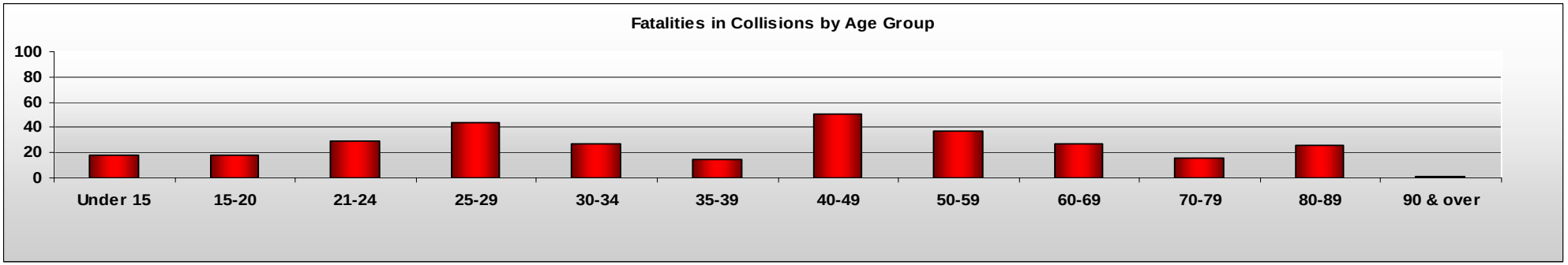
For every pedalcyclist killed, 12 pedestrians experience a fatal mishap.

Fatalities and Injuries in Collisions by Age Group

AGE GROUP	KILLED	DISABLING INJURY	EVIDENT INJURY	POSSIBLE INJURY	NO INJURY	TOTAL FATALITIES AND INJURIES	*TOTAL INVOLVED	PERCENT KILLED OF TOTAL
Under 15	18	49	380	979	8,831	1,426	10,257	0.18%
15-20	18	143	1,088	2,524	14,553	3,773	18,326	0.10%
21-24	29	101	876	2,221	11,248	3,227	14,475	0.20%
25-29	44	98	683	2,198	10,049	3,023	13,072	0.34%
30-34	27	78	529	1,763	8,198	2,397	10,595	0.25%
35-39	15	105	491	1,900	7,909	2,511	10,420	0.14%
40-49	51	220	948	3,693	15,261	4,912	20,173	0.25%
50-59	37	170	734	2,860	11,930	3,801	15,731	0.24%
60-69	27	75	393	1,253	5,489	1,748	7,237	0.37%
70-79	16	32	184	560	2,731	792	3,523	0.45%
80-89	26	33	105	216	1,266	380	1,646	1.58%
90 & over	1	5	7	25	115	38	153	0.65%

*Does not include unknown injury



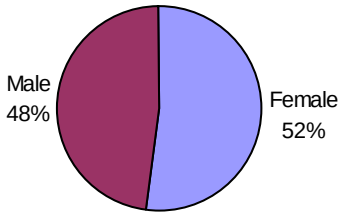


Fatalities and Injuries in Collisions by Gender

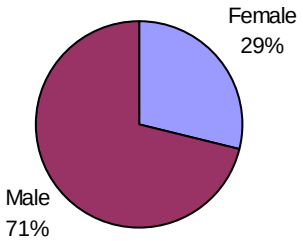
	KILLED	DISABLING INJURY	EVIDENT INJURY	POSSIBLE INJURY	NO INJURY	TOTAL FATALITIES AND INJURIES	*TOTAL INVOLVED	PERCENT KILLED OF TOTAL
Female	91	452	2,824	11,312	40,970	14,679	55,649	0.16%
Male	225	672	3,628	9,136	58,513	13,661	72,174	0.31%
Unknown	0	9	58	216	1,065	283	1,349	0.00%
Total	316	1,133	6,510	20,664	100,548	28,623	129,171	0.24%

Does not include unknown injury

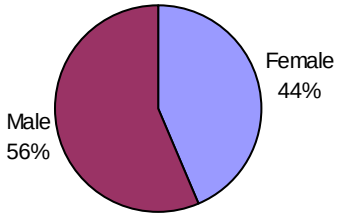
TOTAL INJURED



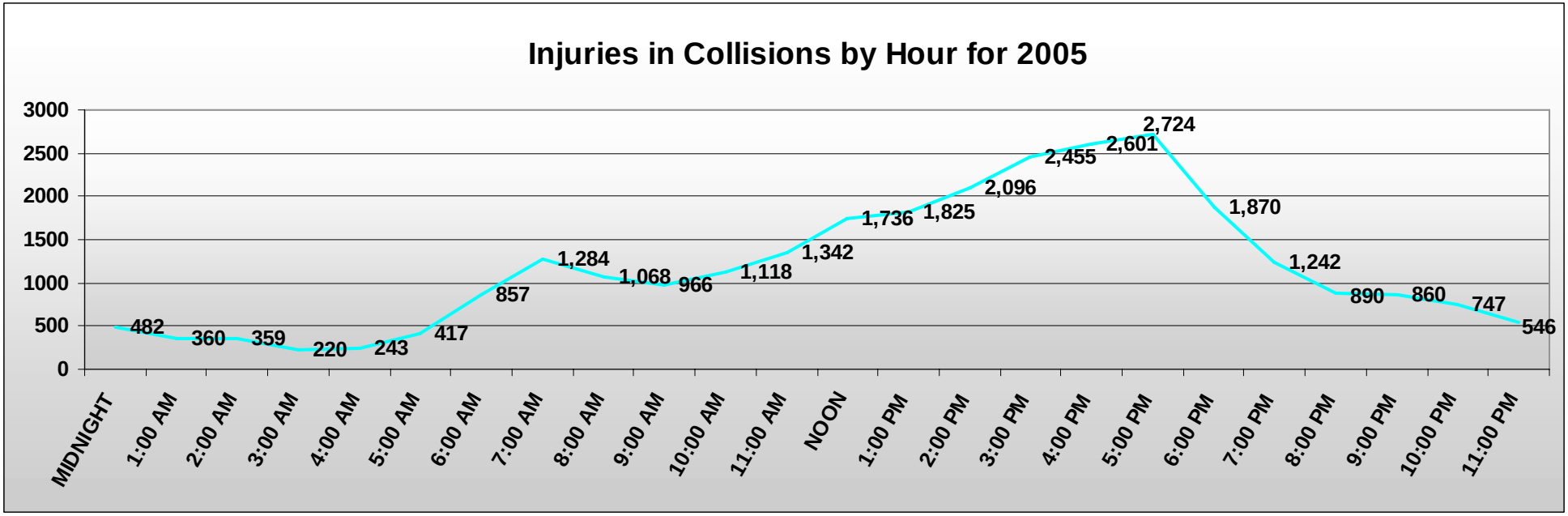
FATALITIES

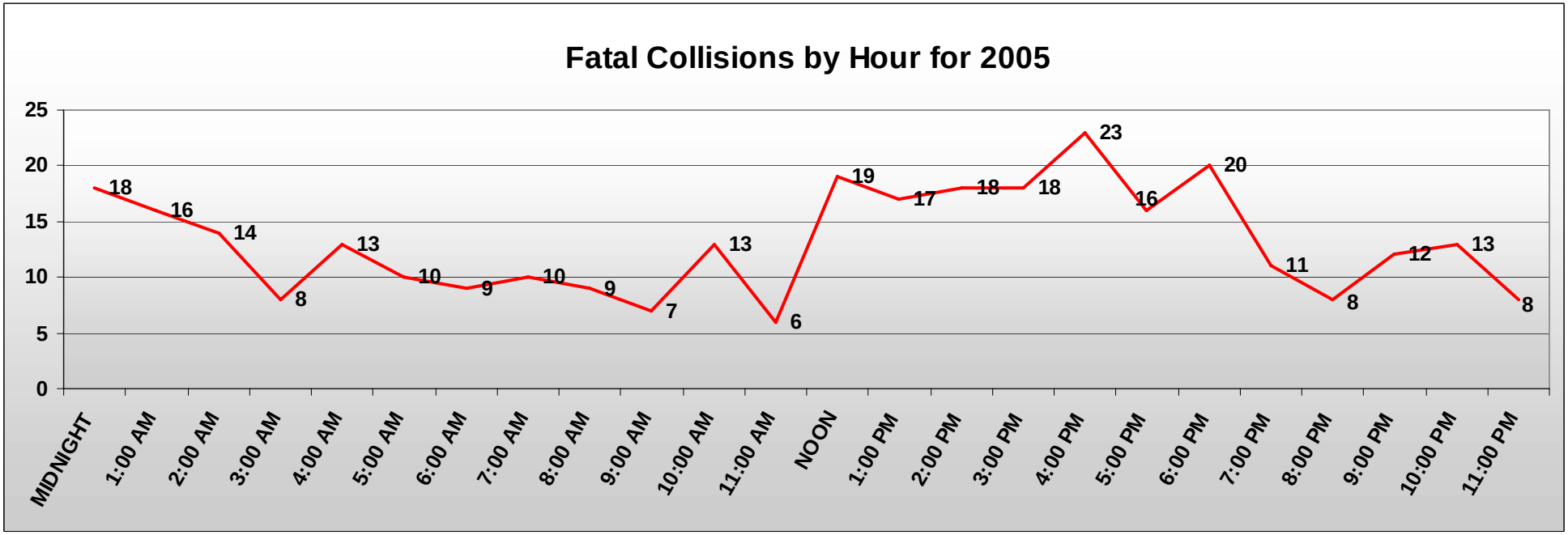


***TOTAL INVOLVED**

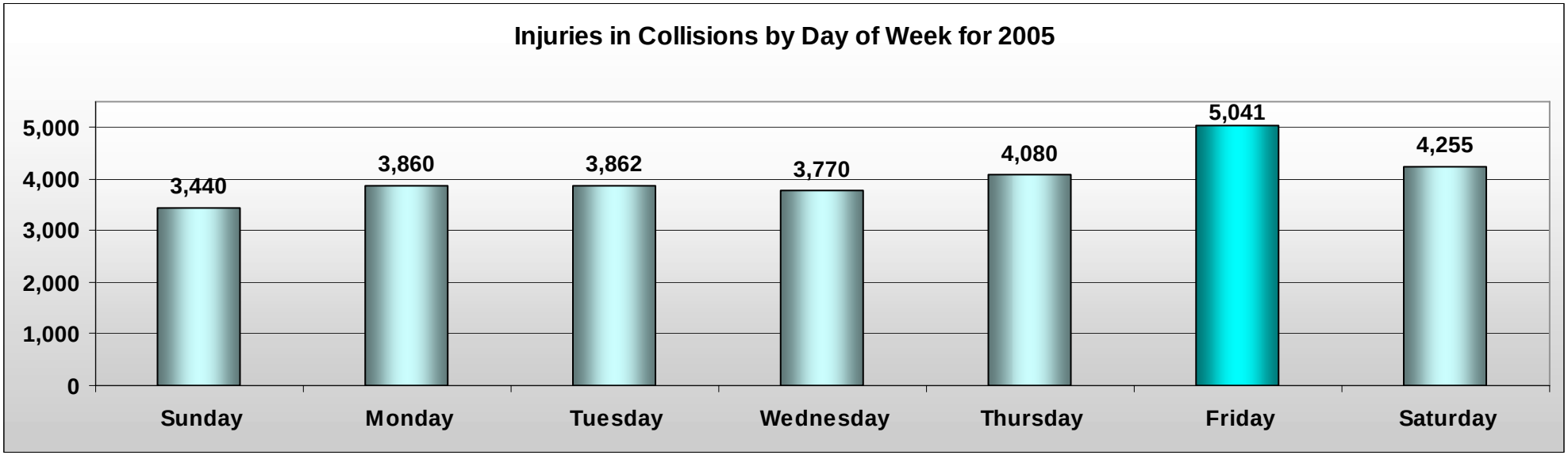


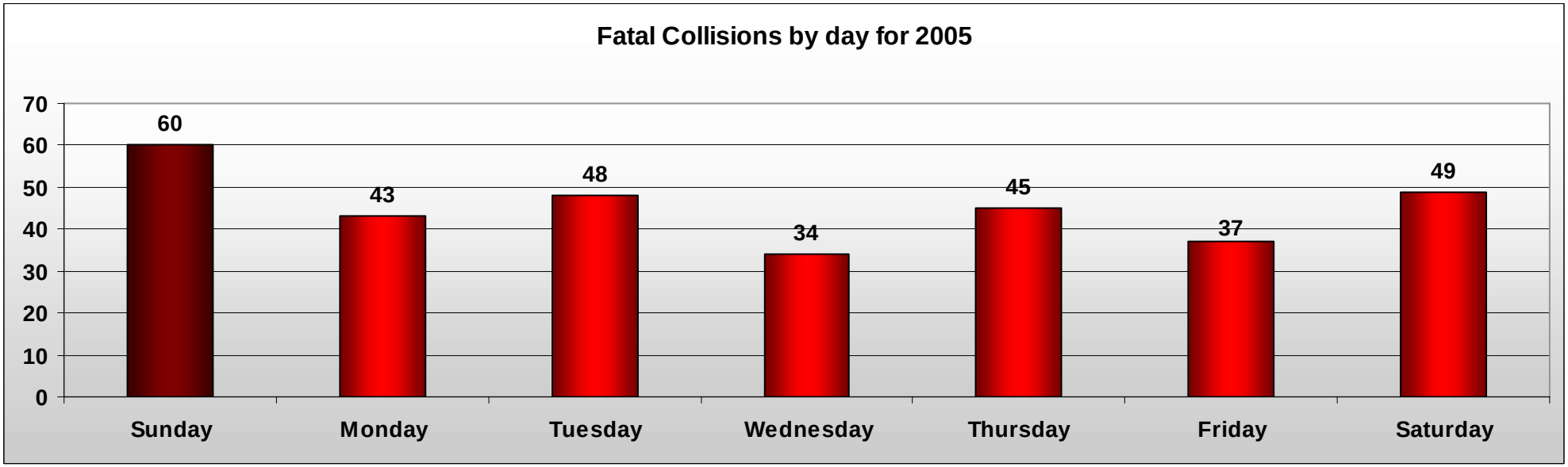
Fatalities and Injuries in Collisions by Hour





Fatalities and Injuries in Collisions by Day of Week



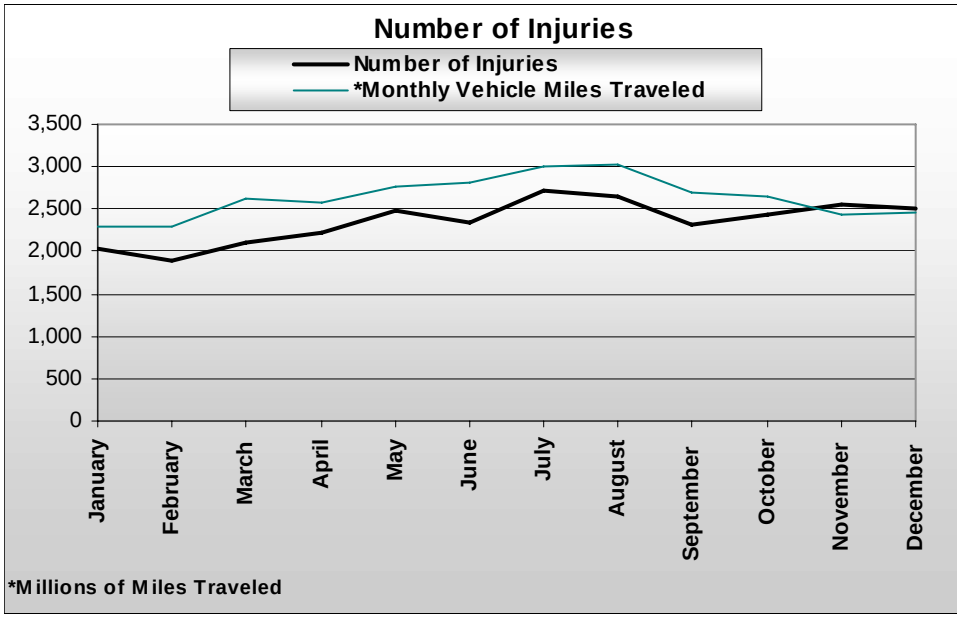


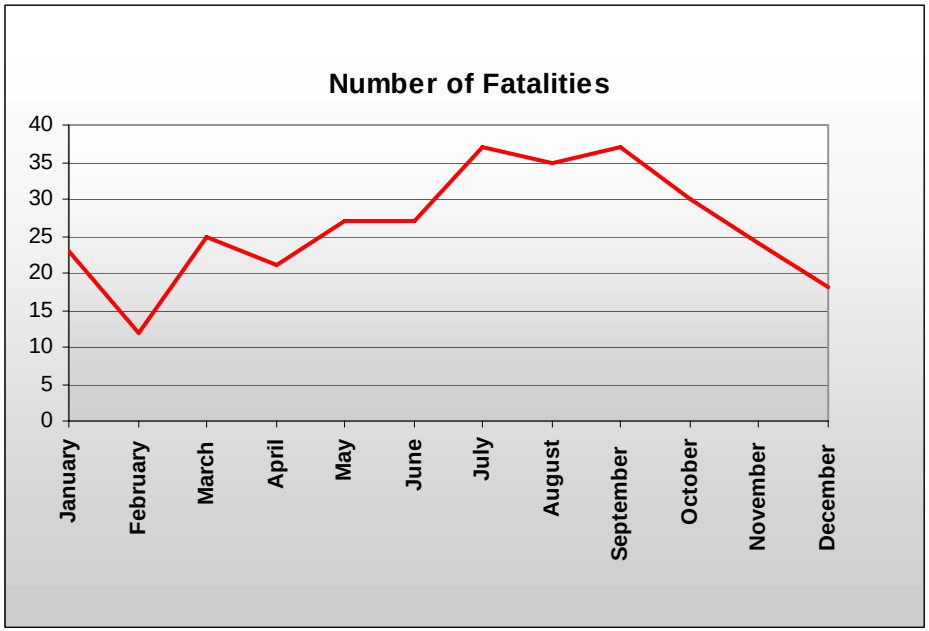
Fatalities and Injuries in Collisions by Month

	Number of Fatalities	Number of Injuries
January	23	2,040
February	12	1,897
March	25	2,106
April	21	2,234
May	27	2,479
June	27	2,342
July	37	2,731
August	35	2,660
September	37	2,324
October	30	2,432
November	24	2,549
December	18	2,513
Average	26	2,359

July and September showed the highest amount of fatalities, while February had the lowest number of both fatalities and injuries.

The number of fatalities in February was 54% below the average for the year. In addition, February's total injuries were 20% below the yearly average.

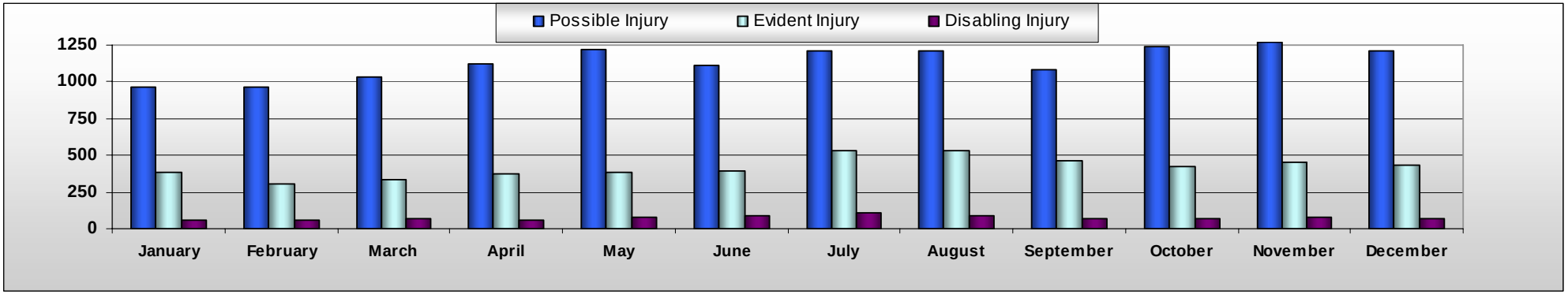


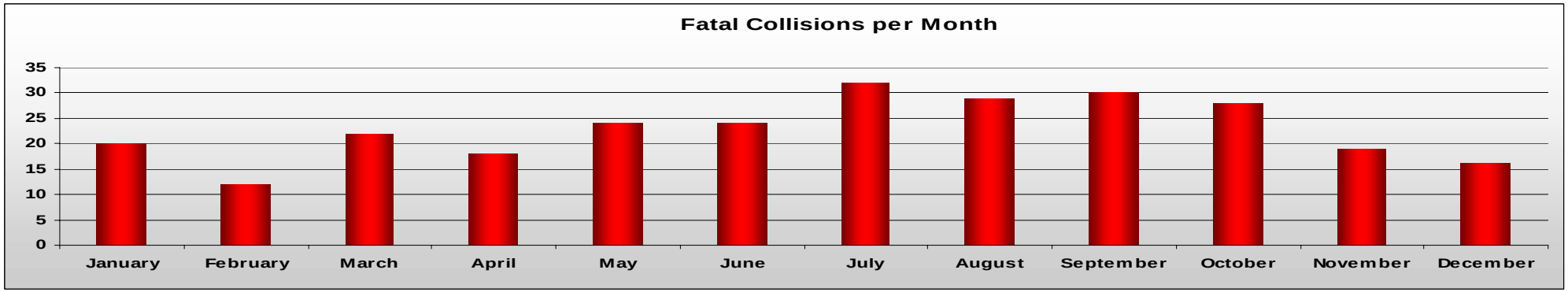


Most Severe Injury per Collision by Month

	Possible Injury Collisions	Evident Injury Collisions	Disabling Injury Collisions	Fatal Collisions	Total Injury and Fatal Collisions
January	968	382	59	20	1,429
February	967	303	55	12	1,337
March	1,038	333	64	22	1,457
April	1,118	373	59	18	1,568
May	1,216	387	83	24	1,710
June	1,109	398	87	24	1,618
July	1,213	528	106	32	1,879
August	1,214	536	89	29	1,868
September	1,082	460	70	30	1,642
October	1,237	425	71	28	1,761
November	1,270	450	79	19	1,818
December	1,209	435	68	16	1,728
Average	1,137	418	74	23	1,651

Injury Collisions per Month





Motor Vehicle Involved Collisions; First Collision Type by Most Severe Injury per Collision

First Collision Type	No Injury	Possible Injury	Evident Injury	Disabling Injury	Fatal	Total
From same direction - both going straight - one stopped - rear-end	7,110	4,952	766	106	5	12,939
Fixed object	5,641	1,527	1,197	191	85	8,641
From same direction - both going straight - both moving - rear-end	4,489	2,613	439	61	8	7,610
From same direction - both going straight - both moving - sideswipe	3,538	613	170	32	4	4,357
Entering at angle	2,359	931	423	63	19	3,795
Vehicle overturned	958	475	764	125	29	2,351
From opposite direction - one left turn - one straight	970	547	220	50	5	1,792
From same direction - all others	1,070	320	145	20	3	1,558
One car leaving driveway access	1,024	307	93	18	2	1,444
One car entering driveway access	767	375	135	26	4	1,307
Non-domestic animal (deer, bear, elk, etc)	1,087	60	56	10	0	1,213
Same direction -- both turning right -- one stopped -- rear end	340	204	21	2	0	567
One parked--one moving	328	67	50	7	6	458
From opposite direction - all others	240	88	77	24	17	446
From same direction - one left turn - one straight	238	56	19	2	1	316
Other object	244	27	20	5	3	299
From opposite direction - both going straight - sideswipe	151	51	47	15	18	282
From same direction - one right turn - one straight	208	38	16	1	0	263
All other non-collision	187	23	23	1	0	234
Fire started in vehicle	222	5	5	0	0	232
From opposite direction - both moving - head-on	44	52	52	42	35	225
Bicycle	12	66	104	15	2	199
From same direction - both going straight - one stopped - sideswipe	162	21	9	0	1	193
Vehicle going straight hits pedestrian	7	43	54	42	19	165
Same direction -- both turning left -- both moving -- sideswipe	142	13	1	1	0	157
Same direction -- both turning right -- both moving -- sideswipe	120	4	2	0	0	126
From opposite direction - one left turn - one right turn	94	4	3	0	0	101

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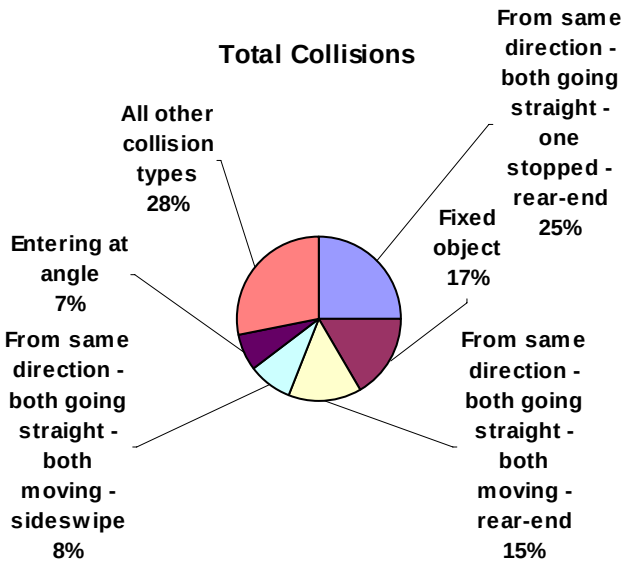
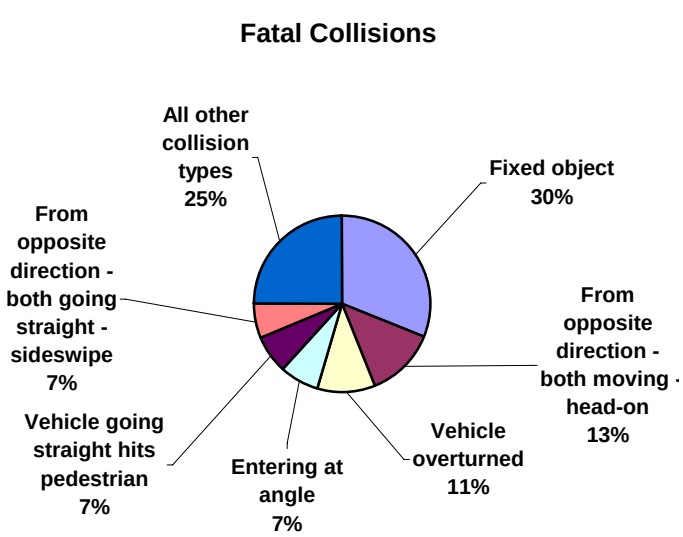
First Collision Type	No Injury	Possible Injury	Evident Injury	Disabling Injury	Fatal	Total
Same direction -- both turning right -- both moving -- rear end	52	40	4	0	0	96
One car leaving parked position	68	7	3	0	1	79
Vehicle turning right hits pedestrian	1	38	27	10	2	78
Vehicle turning left hits pedestrian	0	22	29	7	0	58
Domestic animal (horse, cow, sheep, etc)	38	6	6	0	0	50
Vehicle Hits State Road or Construction Machinery	21	6	6	2	0	35
Same direction -- both turning left -- one stopped -- rear end	21	11	0	0	0	32
From opposite direction - one stopped - head-on	12	11	6	3	0	32
Domestic animal other (cat, dog, etc)	27	0	4	0	0	31
Breakage of any part of the vehicle resulting in injury or in further property damage	19	1	1	0	0	21
From opposite direction - both going straight - one stopped - sideswipe	12	0	1	1	0	14
Vehicle Hits Other Road or Construction Machinery	12	0	0	0	1	13
Same direction -- both turning left -- both moving -- rear end	10	3	0	0	0	13
One car entering parked position	10	1	2	0	0	13
Vehicle hits Pedestrian - All Other Actions	0	2	3	4	2	11
Same direction -- both turning right -- one stopped -- sideswipe	8	2	0	0	0	10
Vehicle Hits City Road or Construction Machinery	3	3	1	0	0	7
Not stated	5	1	1	0	0	7
Vehicle backing hits pedestrian	0	1	3	1	0	5
Person fell, jumped or was pushed from vehicle	0	0	2	3	0	5
Vehicle Struck by Other Road or Construction Machinery	4	1	0	0	0	5
Train struck moving vehicle	2	1	0	0	1	4
Same direction -- both turning left -- one stopped -- sideswipe	4	0	0	0	0	4
Vehicle Hits County Road or Construction Machinery	3	0	0	0	0	3
Vehicle struck moving train	1	1	0	0	0	2
Tricycle	0	1	0	0	0	1
Vehicle Struck by City Road or Construction Machinery	1	0	0	0	0	1
Train struck stopped or stalled vehicle	0	0	0	0	1	1
Total	32086	13641	5,010	890	274	51,901

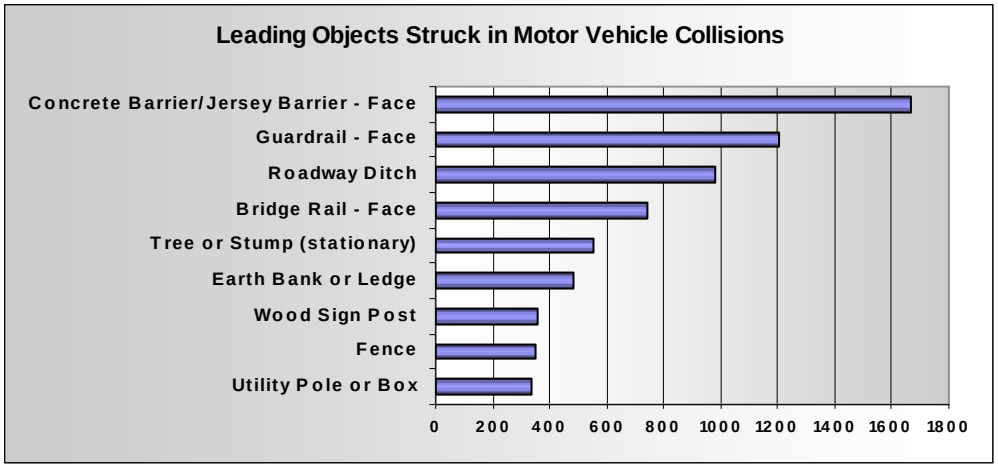


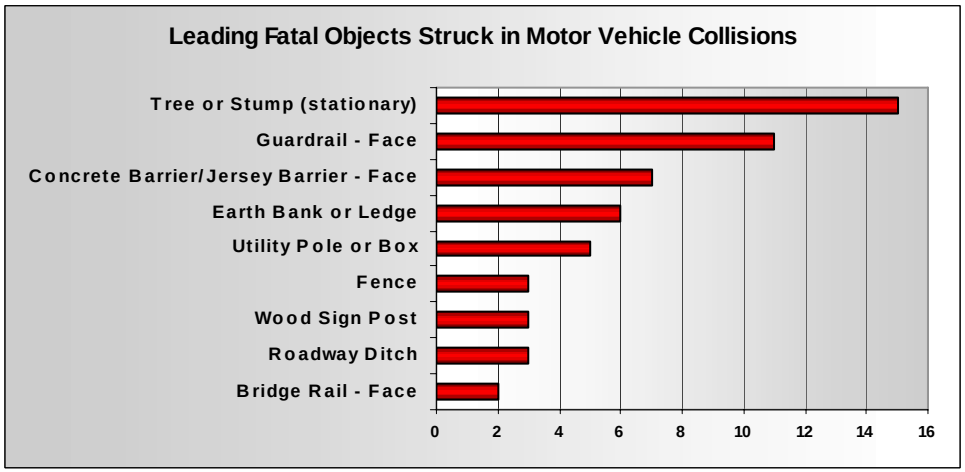


Motor Vehicle Involved Collisions; First Object Struck by Most Severe Injury per Collision

FIRST OBJECT STRUCK	No Injury	Possible Injury	Evident Injury	Disabling Injury	Fatal	Total
Concrete Barrier/Jersey Barrier - Face	1,100	369	178	15	7	1,669
Guardrail - Face	882	164	117	28	11	1,202
Roadway Ditch	646	157	157	16	3	979
Bridge Rail - Face	507	163	68	1	2	741
Tree or Stump (stationary)	314	103	98	23	15	553
Earth Bank or Ledge	267	111	87	14	6	485
Wood Sign Post	257	38	53	8	3	359
Fence	239	47	48	10	3	347
Utility Pole or Box	200	56	65	12	5	338
Over Embankment - No Guardrail Present	158	51	73	17	4	303
Street Light Pole or Base	212	45	37	5	2	301
Miscellaneous Object or Debris on Road	185	25	14	5	0	229
Curb, Raised Traffic Island or Raised Median Curb	126	26	22	6	3	183
Guardrail - Leading End	95	24	28	3	1	151
Retaining Wall (concrete, rock, brick, etc.)	81	21	22	6	4	134
Other Objects	75	11	13	6	2	107
Crash Cushions - Impact Attenuators	46	33	12	2	0	93
Rock Bank or Ledge	47	14	22	3	2	88
Metal Sign Post	43	9	12	4	1	69
Boulder (stationary)	38	10	12	3	0	63
Traffic Signal Pole or Box	46	11	5	0	0	62
Mailbox	40	4	11	0	1	56
Guardrail - Through, Over or Under	14	11	14	2	5	46
Culvert and/or other Appurtenance in Ditch	19	9	12	1	2	43

Continued- FIRST OBJECT STRUCK	No Injury	Possible Injury	Evident Injury	Disabling Injury	Fatal	Total
Building	24	5	5	1	0	35
Into River, Lake, Swamp, etc.	24	5	5	0	0	34
Fallen Rock or Tree Hit by Vehicle	30	0	2	0	2	34
Snow Bank	23	1	4	0	0	28
Guide Post	18	2	4	2	0	26
Fire Hydrant	22	1	1	0	0	24
Concrete Barrier/Jersey Barrier - Leading End	11	7	4	1	1	24
Underside of Bridge	20	1	0	0	0	21
Construction Materials	16	4	0	0	0	20
Not Stated	14	3	2	0	0	19
Concrete Barrier/Jersey Barrier - Through, Over	2	5	4	1	1	13
Falling Rock or Tree Fell on Vehicle	11	1	1	0	0	13
Temporary Traffic Sign or Barricade	7	1	3	0	0	11
Bridge Rail - Leading End	7	2	0	1	0	10
Bridge Abutment	8	2	0	0	0	10
Bridge Column, Pier or Pillar	5	1	1	0	2	9
Railway Crossing Gate	8	0	0	0	0	8
Manhole Cover	3	1	1	0	0	5
Reversible Lane Control Gate	3	0	0	0	0	3
Mud or Landslide	1	0	1	0	0	2
Overhead Sign Support	2	0	0	0	0	2
Bridge Rail - Through, Over or Under	0	2	0	0	0	2
Closed Toll Gate	2	0	0	0	0	2
Total	5,898	1,556	1,218	196	88	8,956





Single Motor Vehicle Involved Collisions

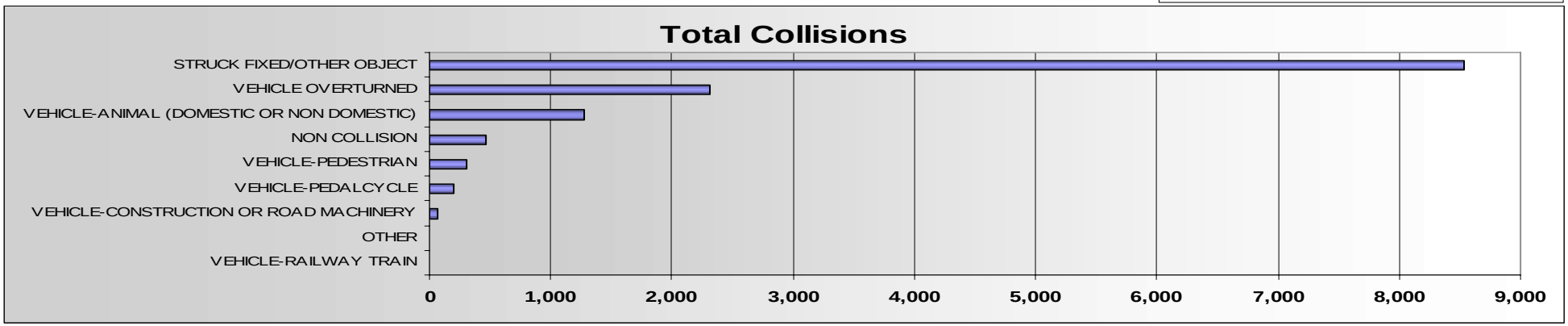
First Collision Type by Most Severe Injury of Collision

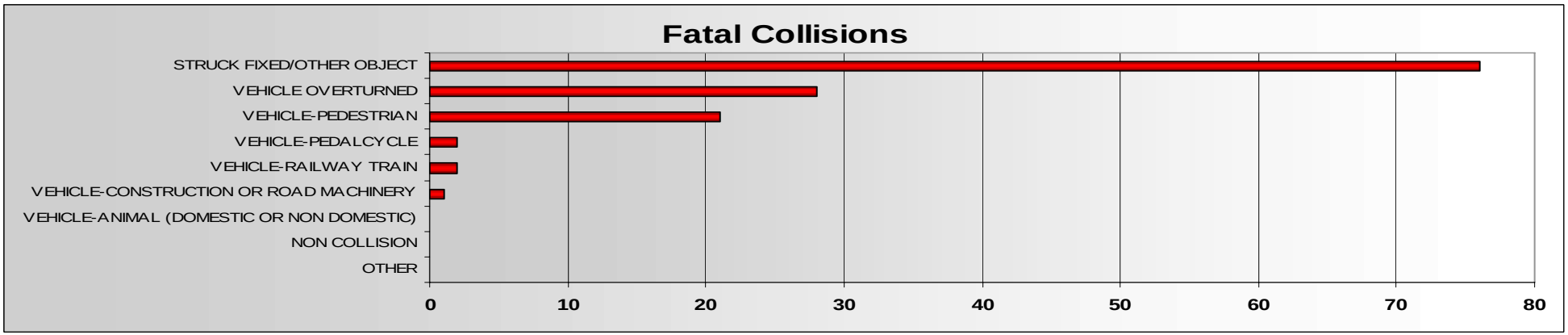
Single vehicle collisions - First Collision Type	No Injury	Possible Injury	Evident Injury	Disabling Injury	Fatal	Total	Percent Fatal
STRUCK FIXED/OTHER OBJECT	5,668	1,453	1,159	181	76	8,537	0.9%
VEHICLE OVERTURNED	950	465	747	123	28	2,313	1.2%
VEHICLE-PEDESTRIAN	7	106	113	61	21	308	6.8%
VEHICLE-PEDALCYCLE	12	67	103	15	2	199	1.0%
VEHICLE-RAILWAY TRAIN	3	1	0	0	2	6	33.3%
VEHICLE-ANIMAL (DOMESTIC OR NON DOMESTIC)	1,140	62	64	10	0	1,276	0.0%
VEHICLE-CONSTRUCTION OR ROAD MACHINERY	42	10	6	2	1	61	1.6%
NON COLLISION	412	25	25	2	0	464	0.0%
OTHER	4	1	1	0	0	6	0.0%
Total single-vehicle collisions	8,238	2,190	2,218	394	130	13,170	1.0%

In single-vehicle collisions, the first harmful event most often recorded was "Struck fixed/other object", which also resulted in the highest number of fatalities.

Whereas pedestrian-involved collisions represent only 2% of all single-vehicle collisions, they account for 16% of all fatal single-vehicle collisions, trailing only vehicle overturns (21%) and struck fixed/other objects (58%).

Leading Single Vehicle Collision Types





Single Motor Vehicle Collisions
(Day of Week and Hour of Day)

	Total Week						Monday - Thursday						Friday - Sunday					
	No Injury	Possible Injury	Evident Injury	Disabling Injury	Fatal	**Total**	No Injury	Possible Injury	Evident Injury	Disabling Injury	Fatal	**Total**	No Injury	Possible Injury	Evident Injury	Disabling Injury	Fatal	**Total**
MIDNIGHT	299	85	69	19	**10**	482	134	42	29	8	4	217	165	43	40	11	6	265
1:00 AM	300	63	77	13	**10**	463	115	20	21	6	3	165	185	43	56	7	**7**	298
2:00 AM	303	76	77	16	8	480	115	27	31	7	2	182	188	49	46	9	6	298
3:00 AM	237	48	57	9	6	357	93	22	13	4	3	135	144	26	44	5	3	222
4:00 AM	257	64	61	10	7	399	115	30	25	7	3	180	142	34	36	3	4	219
5:00 AM	312	72	74	10	3	471	168	43	34	7	2	254	144	29	40	3	1	217
6:00 AM	420	109	107	12	2	650	216	63	44	8	0	331	204	46	63	4	2	319
7:00 AM	**459**	104	107	10	3	683	235	57	64	5	2	**363**	**224**	47	43	5	1	320
8:00 AM	372	102	96	16	2	588	180	62	52	10	0	304	192	40	44	6	2	284
9:00 AM	378	101	101	7	3	590	191	54	48	2	2	297	187	47	53	5	1	293
10:00 AM	284	83	84	11	3	465	144	41	36	6	1	228	140	42	48	5	2	237
11:00 AM	307	91	91	14	2	505	152	53	45	9	1	260	155	38	46	5	1	245
NOON	288	94	102	18	5	507	152	39	52	6	2	251	136	55	50	12	3	256
1:00 PM	327	101	98	22	8	556	171	53	52	10	4	290	156	48	46	12	4	266
2:00 PM	319	96	95	16	7	533	162	46	52	9	2	271	157	50	43	7	5	262
3:00 PM	349	122	119	21	6	617	191	**72**	64	14	4	345	158	50	55	7	2	272
4:00 PM	338	**110**	**137**	17	4	606	176	58	**71**	9	2	316	162	52	**66**	8	2	290
5:00 PM	387	100	113	**28**	7	635	179	44	51	**20**	2	296	208	56	62	8	5	**339**
6:00 PM	438	109	106	21	8	682	**236**	51	54	14	**5**	360	202	**58**	52	7	3	322
7:00 PM	391	96	89	23	2	601	210	45	40	17	1	313	181	51	49	6	1	288
8:00 PM	386	95	89	22	4	596	199	44	47	13	4	307	187	51	42	9	0	289
9:00 PM	390	101	91	20	6	608	182	53	47	7	2	291	208	48	44	**13**	4	317
10:00 PM	383	82	108	19	8	600	170	38	54	13	1	276	213	44	54	6	**7**	324
11:00 PM	314	86	70	20	6	496	138	44	36	8	3	229	176	42	34	12	3	267
Total	8,238	2,190	2,218	394	130	13,170	4,024	1,101	1,062	219	55	6,461	4,214	1,089	1,156	175	75	6,709

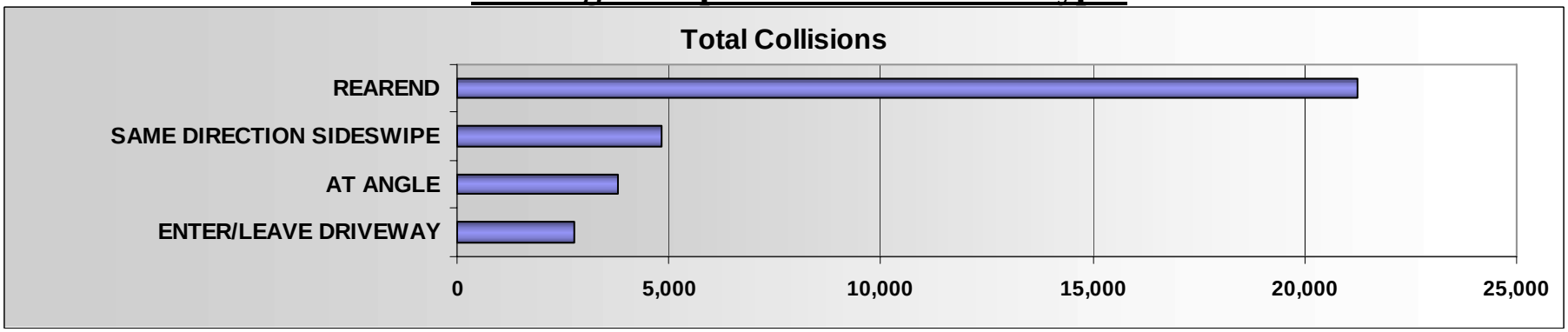
(Hourly intervals, i.e. "midnight" represents 12:00 AM through 12:59 AM)

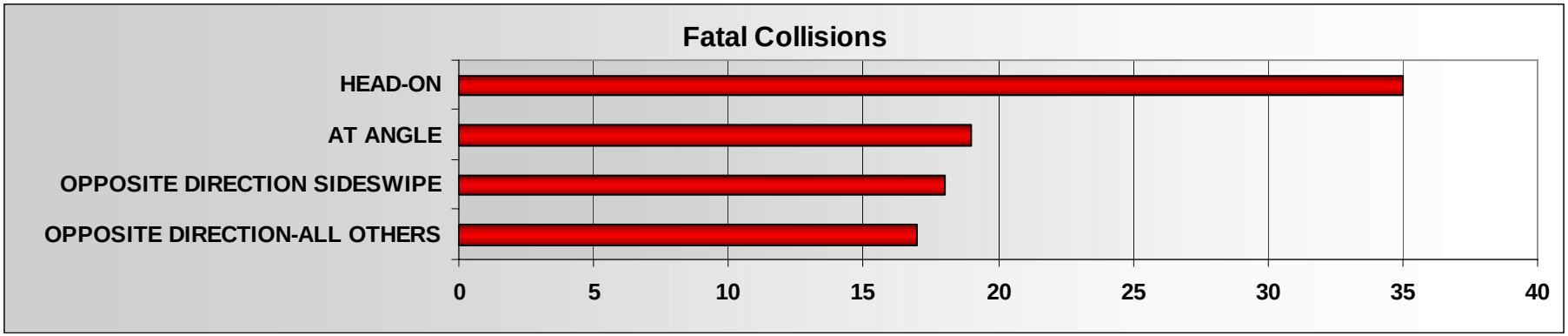
Multiple Motor Vehicle Involved Collisions
(First Collision Type by Most Severe Injury per Collision)

Multiple vehicle collisions - First Collision Type	No Injury	Possible Injury	Evident Injury	Disabling Injury	Fatal	Total	Percent Fatal
REAREND	12,022	7,823	1,230	169	13	21,257	0.1%
HEAD-ON	56	63	58	45	35	257	13.6%
AT ANGLE	2,359	931	423	63	19	3,795	0.5%
ENTER/LEAVE DRIVEWAY	1,791	682	228	44	6	2,751	0.2%
ONE CAR ENTER/LEAVE PARKED POSITION	78	8	5	0	1	92	1.1%
SAME DIRECTION SIDESWIPE	3,974	653	182	33	5	4,847	0.1%
SAME DIRECTION-ONE RIGHT TURN-ONE STRAIGHT	208	38	16	1	0	263	0.0%
SAME DIRECTION-ONE LEFT TURN-ONE STRAIGHT	238	56	19	2	1	316	0.3%
SAME DIRECTION-ALL OTHERS	1,070	320	145	20	3	1,558	0.2%
OPPOSITE DIRECTION SIDESWIPE	163	51	48	16	18	296	6.1%
OPPOSITE DIRECTION-ONE LEFT TURN-ONE STRAIGHT	970	547	220	50	5	1,792	0.3%
OPPOSITE DIRECTION-ONE LEFT TURN-ONE RIGHT TURN	94	4	3	0	0	101	0.0%
OPPOSITE DIRECTION-ALL OTHERS	240	88	77	24	17	446	3.8%
STRUCK PARKED VEHICLE	328	67	50	7	6	458	1.3%
OTHER	257	120	88	22	15	502	3.0%
Total Multiple-Vehicle Collisions	23,848	11,451	2,792	496	144	38,731	0.4%

Rear-end collisions constitute the majority of total multiple vehicle collisions (55%), but represent only 9% of fatal multiple vehicle collisions. Conversely, head-on collisions account for less than 1% of all multiple vehicle collisions, but 24% of fatal multiple vehicle collisions.

Leading Multiple Vehicle Collision Types





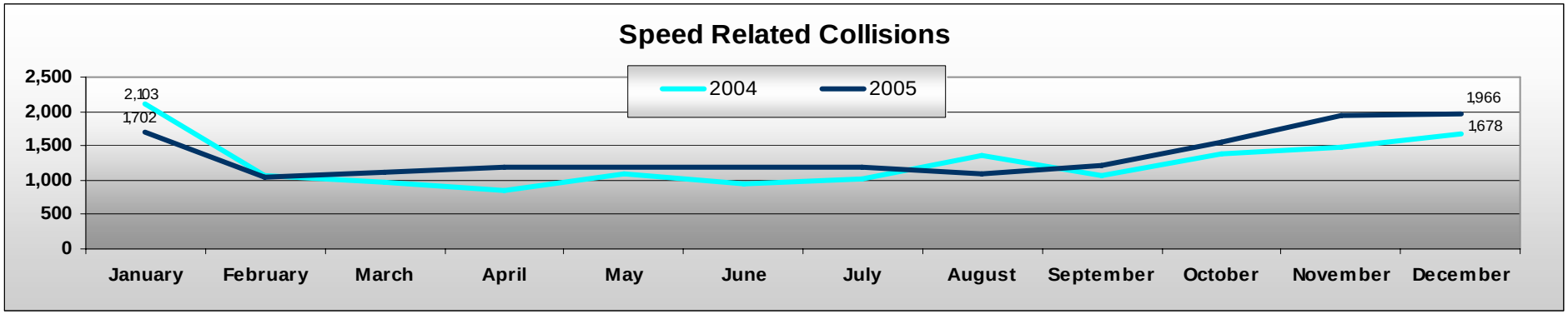
Multiple Motor Vehicle Collisions
(Day of Week and Hour of Day)

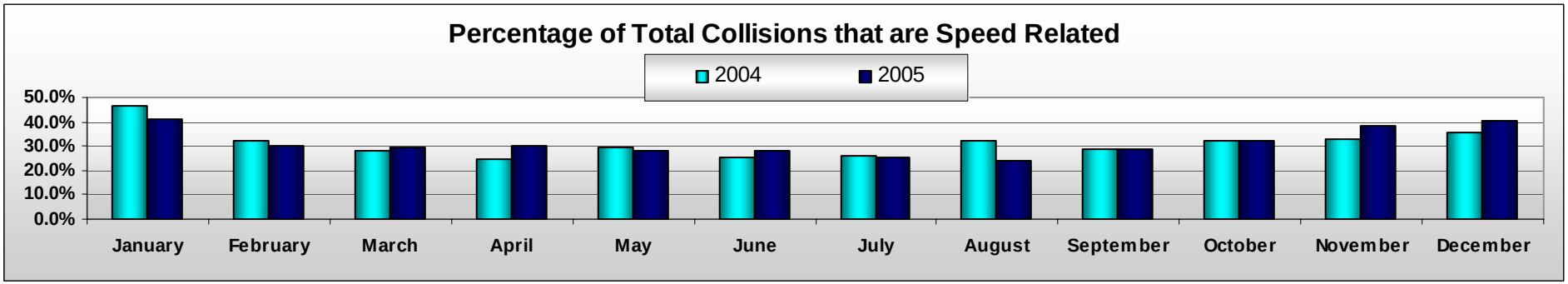
	Total Week						Monday - Thursday						Friday - Sunday					
	No Injury	Possible Injury	Evident Injury	Disabling Injury	Fatal	**Total**	No Injury	Possible Injury	Evident Injury	Disabling Injury	Fatal	**Total**	No Injury	Possible Injury	Evident Injury	Disabling Injury	Fatal	**Total**
MIDNIGHT	225	105	39	6	7	382	98	39	17	1	3	158	127	66	22	5	4	224
1:00 AM	160	71	26	11	4	272	46	17	11	2	3	79	114	54	15	9	1	193
2:00 AM	182	68	31	1	5	287	51	14	5	0	3	73	131	54	26	1	2	214
3:00 AM	77	36	17	2	2	134	24	15	5	1	1	46	53	21	12	1	1	88
4:00 AM	102	39	15	2	5	163	51	14	7	1	1	74	51	25	8	1	4	89
5:00 AM	261	125	36	7	6	435	193	93	24	5	4	319	68	32	12	2	2	116
6:00 AM	744	292	99	20	6	1,161	581	224	70	11	4	890	163	68	29	9	2	271
7:00 AM	1,227	574	123	23	5	1,952	945	445	94	16	3	1,503	282	129	29	7	2	449
8:00 AM	1,093	479	95	15	6	1,688	780	381	63	10	5	1,239	313	98	32	5	1	449
9:00 AM	967	401	99	14	4	1,485	629	261	58	7	3	958	338	140	41	7	1	527
10:00 AM	989	443	108	18	8	1,566	578	251	63	10	4	906	411	192	45	8	4	660
11:00 AM	1,119	569	124	31	4	1,847	650	316	57	21	3	1,047	469	253	67	10	1	800
NOON	1,566	734	186	26	**10**	2,522	793	343	105	9	4	1,254	773	391	81	17	**6**	1,268
1:00 PM	1,670	809	180	28	7	2,694	885	432	101	14	7	1,439	785	377	79	14	0	1,255
2:00 PM	1,830	951	216	40	8	3,045	1,060	532	110	18	8	1,728	770	419	106	22	0	1,317
3:00 PM	2,144	1,110	262	49	**10**	3,575	1,252	668	138	22	4	2,084	**892**	442	**124**	**27**	**6**	**1,491**
4:00 PM	2,424	1,205	261	**53**	**10**	3,953	1,532	751	151	**32**	**9**	2,475	**892**	**454**	110	21	1	1,478
5:00 PM	**2,611**	**1,301**	**288**	45	6	**4,251**	**1,725**	**865**	**171**	29	4	**2,794**	886	436	117	16	2	1,457
6:00 PM	1,661	814	169	31	9	2,684	988	495	96	19	4	1,602	673	319	73	12	5	1,082
7:00 PM	942	444	128	20	8	1,542	527	247	59	16	5	854	415	197	69	4	3	688
8:00 PM	549	284	72	21	4	930	279	157	33	11	3	483	270	127	39	10	1	447
9:00 PM	548	274	77	12	5	916	281	150	36	6	4	477	267	124	41	6	1	439
10:00 PM	473	192	83	12	3	763	196	91	37	6	0	330	277	101	46	6	3	433
11:00 PM	284	131	58	9	2	484	128	63	25	4	1	221	156	68	33	5	1	263
Total	23,848	11,451	2,792	496	144	38,731	14,272	6,864	1,536	271	90	23,033	9,576	4,587	1,256	225	54	15,698

(Hourly intervals, i.e. "midnight" represents 12:00 AM through 12:59 AM)

Speed Related Collisions

	TOTAL COLLISIONS			SPEED-RELATED COLLISIONS			PERCENTAGE OF TOTAL COLLISIONS THAT ARE SPEED-RELATED		
	2004	2005	% CHANGE	2004	2005	% CHANGE	2004	2005	% CHANGE
January	4,497	4,116	-8.5%	2,103	1,702	-19.1%	46.8%	41.4%	-11.6%
February	3,314	3,492	5.4%	1,059	1,041	-1.7%	32.0%	29.8%	-6.7%
March	3,492	3,771	8.0%	975	1,106	13.4%	27.9%	29.3%	5.0%
April	3,446	3,965	15.1%	849	1,193	40.5%	24.6%	30.1%	22.1%
May	3,717	4,219	13.5%	1,083	1,186	9.5%	29.1%	28.1%	-3.5%
June	3,727	4,272	14.6%	939	1,191	26.8%	25.2%	27.9%	10.7%
JANUARY-JUNE	22,193	23,835	7.4%	7,008	7,419	5.9%	31.6%	31.1%	-1.4%
July	3,974	4,619	16.2%	1,023	1,180	15.3%	25.7%	25.5%	-0.8%
August	4,221	4,498	6.6%	1,353	1,091	-19.4%	32.1%	24.3%	-24.3%
September	3,722	4,204	13.0%	1,073	1,220	13.7%	28.8%	29.0%	0.7%
October	4,289	4,796	11.8%	1,388	1,548	11.5%	32.4%	32.3%	-0.3%
November	4,543	5,115	12.6%	1,487	1,949	31.1%	32.7%	38.1%	16.4%
December	4,693	4,834	3.0%	1,678	1,966	17.2%	35.8%	40.7%	13.7%
JULY-DECEMBER	25,442	28,066	10.3%	8,002	8,954	11.9%	31.5%	31.9%	1.4%
YEARLY TOTAL	47,635	51,901	9.0%	15,010	16,373	9.1%	31.5%	31.5%	0.1%





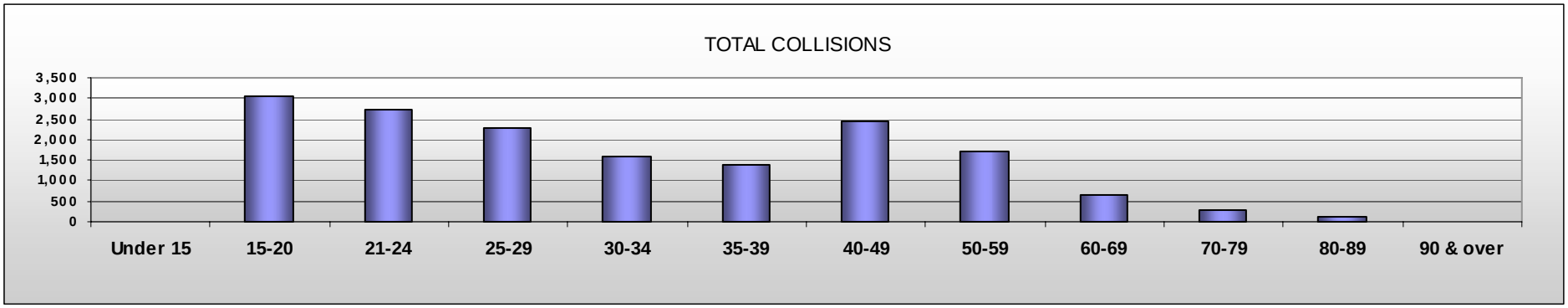
Speed Related Collisions by County

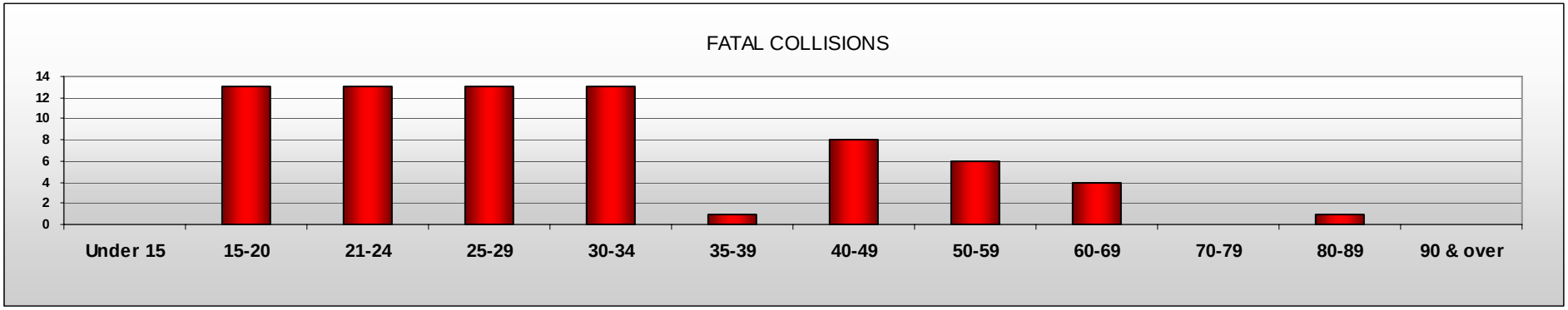
County Name	TOTAL COLLISIONS	FATAL COLLISIONS	DISABLING INJURY COLLISIONS	EVIDENT INJURY COLLISIONS	POSSIBLE INJURY COLLISIONS	TOTAL INJURY COLLISIONS	PROPERTY DAMAGE ONLY COLLISIONS	NUMBER OF FATALITIES	NUMBER OF INJURIES	NUMBER OF DISABLING INJURIES	NUMBER OF EVIDENT INJURIES	NUMBER OF POSSIBLE INJURIES	NUMBER OF VEHICLES	ALCOHOL INVOLVED, ABILITY IMPAIRED COLLISIONS	TOTAL ALCOHOL INVOLVED COLLISIONS
Adams	87	2	4	21	9	34	51	3	53	6	34	13	110	2	3
Asotin	3	0	1	0	0	1	2	0	1	1	0	0	3	0	0
Benton	319	0	10	50	65	125	194	0	194	10	64	120	549	13	16
Chelan	129	2	1	30	18	49	78	2	74	1	43	30	164	3	4
Clallam	124	2	2	17	36	55	67	2	80	2	23	55	181	5	8
Clark	544	0	16	57	151	224	320	0	316	23	69	224	965	39	46
Columbia	6	0	0	1	0	1	5	0	2	0	1	1	6	0	0
Cowlitz	260	2	9	45	55	109	149	2	157	10	61	86	378	10	11
Douglas	60	0	2	18	17	37	23	0	55	2	24	29	91	3	5
Ferry	15	0	2	3	1	6	9	0	7	2	4	1	18	2	2
Franklin	109	0	3	15	16	34	75	0	56	4	21	31	171	3	3
Garfield	8	0	1	2	1	4	4	0	4	1	2	1	9	0	0
Grant	124	2	6	26	16	48	74	2	78	9	43	26	181	10	11
Grays Harbor	129	3	8	19	20	47	79	3	78	10	31	37	177	17	19
Island	136	0	4	20	34	58	78	0	85	4	27	54	266	5	6
Jefferson	53	0	4	14	5	23	30	0	30	4	16	10	68	0	0
King	6,525	15	56	399	2,146	2,601	3,909	16	3,773	67	489	3,217	13,459	230	333
Kitsap	354	3	9	37	104	150	201	3	229	17	42	170	685	15	20
Kittitas	407	2	10	71	57	138	267	3	196	12	87	97	532	6	7
Klickitat	58	0	2	10	9	21	37	0	32	3	12	17	74	4	5
Lewis	188	1	7	42	37	86	101	2	154	14	74	66	321	4	6
Lincoln	37	0	5	8	2	15	22	0	19	6	9	4	43	2	2
Mason	99	5	1	20	18	39	55	5	61	3	30	28	154	4	4
Okanogan	93	1	1	19	28	48	44	1	76	1	28	47	125	6	8
Pacific	44	1	2	12	8	22	21	1	32	3	18	11	52	4	4
Pend Oreille	37	0	1	3	4	8	29	0	12	1	4	7	40	4	5
Pierce	2,411	4	31	215	804	1050	1,357	4	1,589	35	254	1,300	4,744	112	143
Skagit	229	1	5	37	54	96	132	1	146	7	53	86	402	11	15
Skamania	25	0	0	4	4	8	17	0	14	0	6	8	30	1	1
Snohomish	1,871	5	34	142	636	812	1,054	7	1,198	37	186	975	3,859	56	77
Spokane	443	3	6	64	101	171	269	3	230	6	80	144	721	24	35
Stevens	67	0	1	18	15	34	33	0	52	1	24	27	89	6	6
Thurston	501	3	1	46	140	187	311	4	257	1	55	201	887	23	32
Wahkiakum	6	0	0	2	0	2	4	0	2	0	2	0	8	1	2
Walla Walla	79	2	1	11	18	30	47	2	41	1	16	24	126	1	2
Whatcom	391	3	4	56	113	173	215	3	261	4	72	185	649	28	32
Whitman	121	2	5	26	22	53	66	2	73	7	38	28	179	3	6
Yakima	281	6	14	46	41	101	174	6	143	15	65	63	384	15	18

Number of Drivers in Speed Related Collisions by Age Group

DRIVER AGE GROUP	TOTAL COLLISIONS	FATAL COLLISIONS	DISABLING INJURY COLLISIONS	EVIDENT INJURY COLLISIONS	POSSIBLE INJURY COLLISIONS	PROPERTY DAMAGE ONLY COLLISIONS
Under 15	12	0	1	1	1	9
15-20	3,039	13	46	326	833	1,821
21-24	2,746	13	37	288	765	1,643
25-29	2,277	13	27	211	655	1,371
30-34	1,573	13	26	149	486	899
35-39	1,366	1	29	125	420	791
40-49	2,458	8	53	263	784	1,350
50-59	1,697	6	38	167	547	939
60-69	658	4	17	59	227	351
70-79	291	0	4	35	108	144
80-89	137	1	3	19	51	63
90 & over	16	0	0	4	3	9

Contributing Circumstances: Exceeding Stated Speed Limit and/or Exceeding Reasonable Safe Speed. This data is a combination of all three Contributing Circumstances for each motor vehicle unit





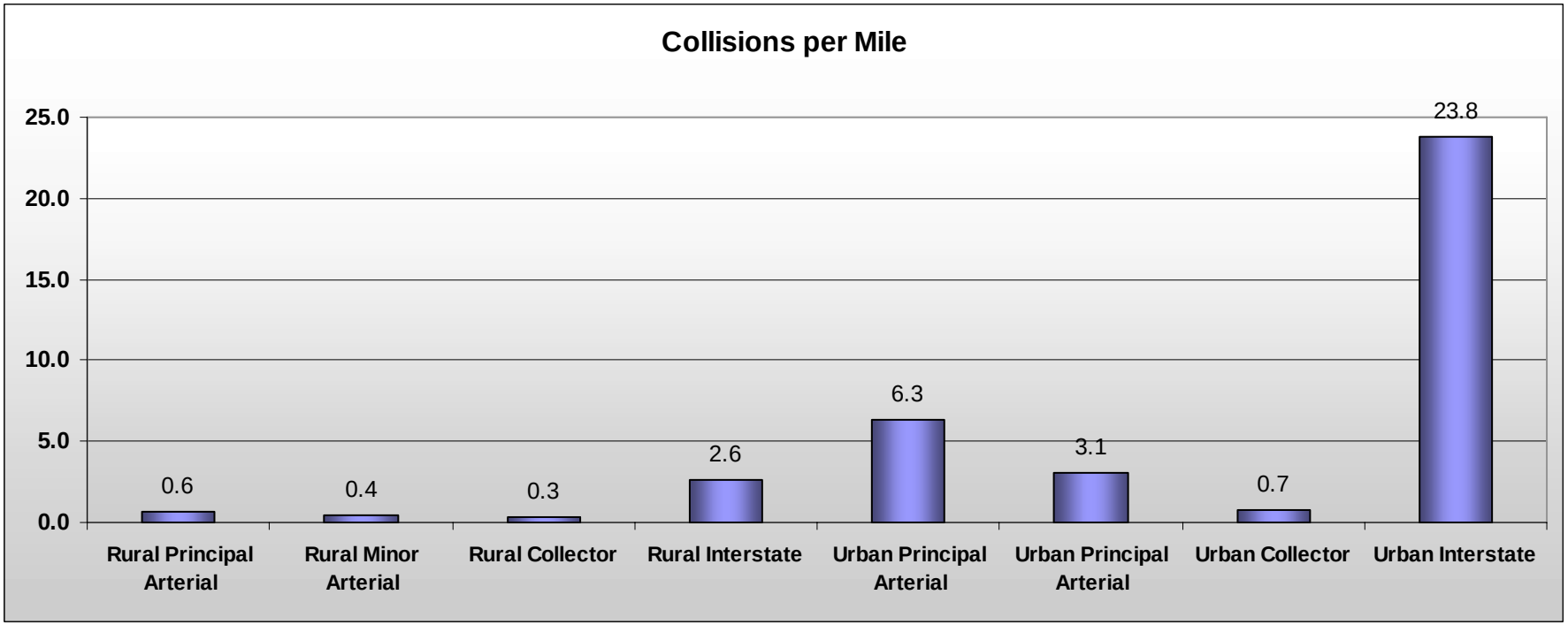
Speed Related Collisions by Functional Class

State Functional Class Code	TOTAL COLLISIONS	FATAL COLLISIONS	DISABLING INJURY COLLISIONS	EVIDENT INJURY COLLISIONS	POSSIBLE INJURY COLLISIONS	TOTAL INJURY COLLISIONS	PROPERTY DAMAGE ONLY COLLISIONS	NUMBER OF FATALITIES	NUMBER OF INJURIES	NUMBER OF DISABLING INJURIES	NUMBER OF EVIDENT INJURIES	NUMBER OF POSSIBLE INJURIES	NUMBER OF VEHICLES	ALCOHOL INVOLVED, ABILITY IMPAIRED COLLISIONS	TOTAL ALCOHOL INVOLVED COLLISIONS
R1	1,282	16	29	243	280	552	714	20	878	45	333	500	1,917	40	55
R2	711	8	35	135	160	330	373	8	479	42	190	247	995	55	67
R3	498	12	21	103	85	209	277	12	291	24	139	128	647	46	55
R5	1,204	7	35	201	212	448	749	8	622	39	283	300	1,648	21	26
U1	4,923	15	75	411	1,598	2,084	2,824	15	3,055	91	520	2,444	9,762	237	300
U2	681	1	13	62	250	325	355	1	494	13	81	400	1,346	44	55
U3	5	0	0	1	1	2	3	0	5	0	2	3	8	0	0
U5	7,069	11	61	470	2,219	2,750	4,308	13	4,036	76	559	3,401	14,577	229	339

U=Urban
R=Rural

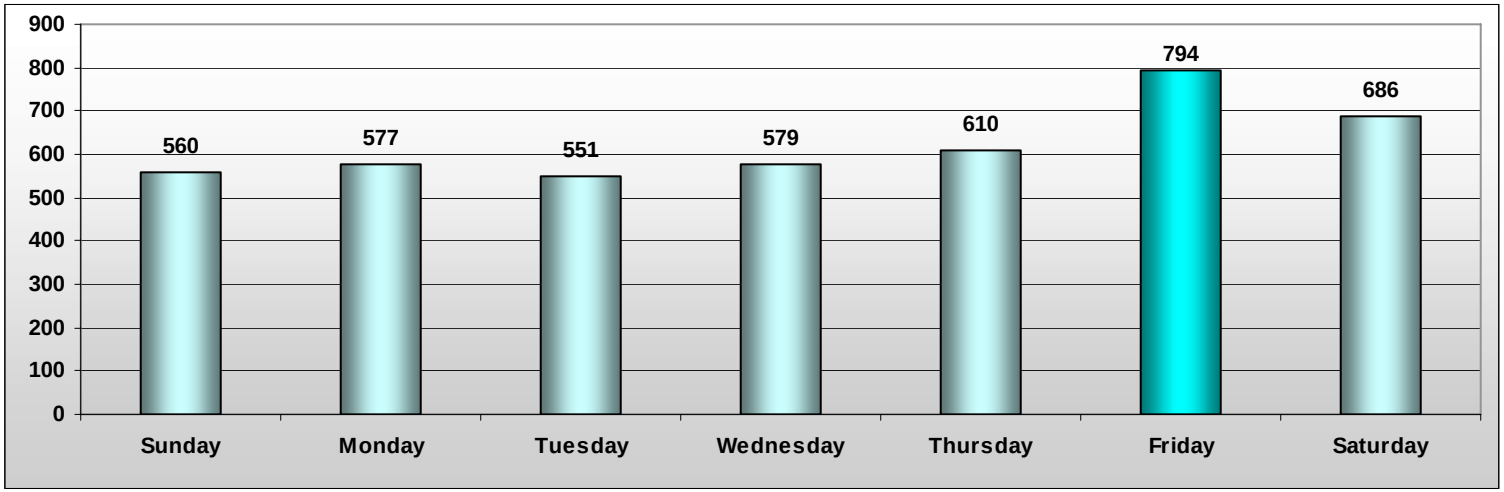
1 = Principal Arterial State Highway
2 = Minor Arterial State Highway
3 = Collector State Highway
5 = Interstate Highway

Contributing Circumstances: Exceeding Stated Speed Limit and/or Exceeding Reasonable Safe Speed. This data is a combination of all three Contributing Circumstances for each motor vehicle unit



Hit and Run Collisions

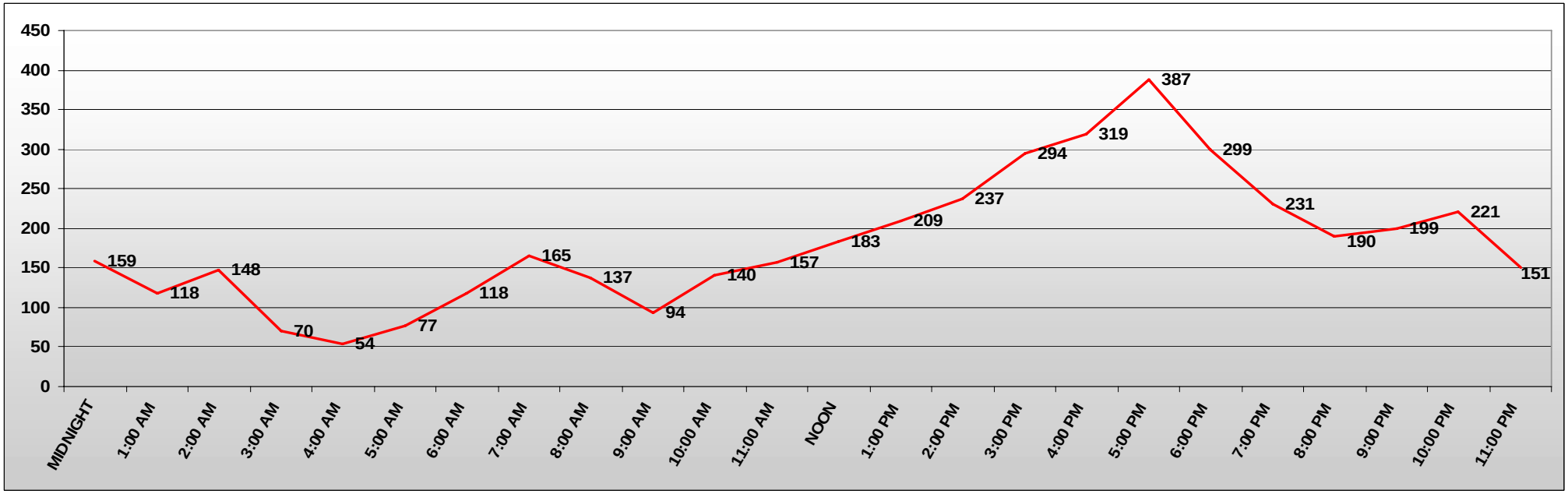
Hit and Run Collisions by Day of Week and Time



The highest number of hit and run collisions occurred on Friday, with the least number on Tuesday.

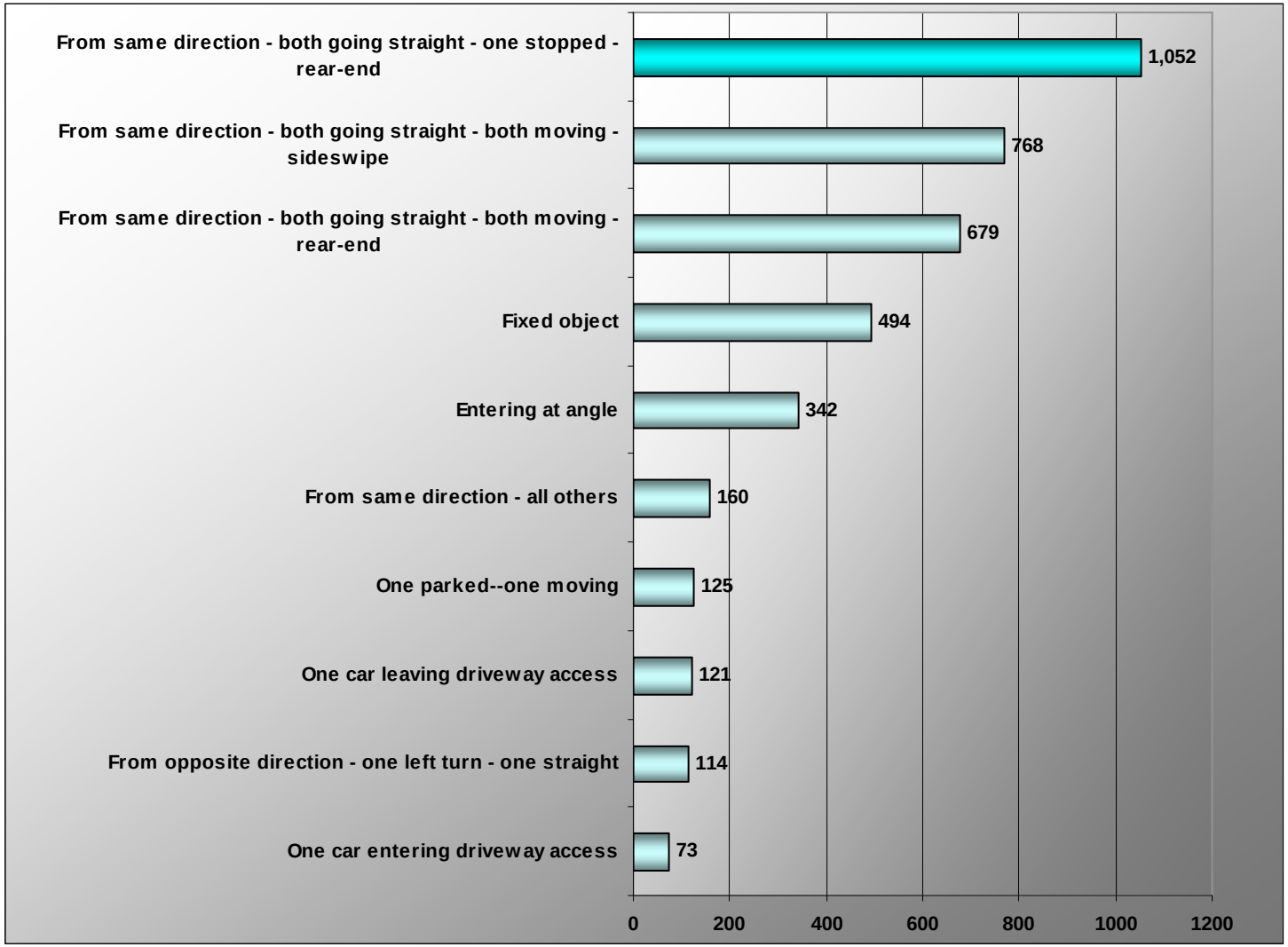
The hour interval between 5:00 and 6:00 PM has the highest number of hit and run collisions by far, while the fewest number occur between 4:00 and 5:00 AM.

Hit and Run Collisions by *Hour



**Hourly intervals, i.e. "midnight" represents 12:00 AM through 12:59 AM*

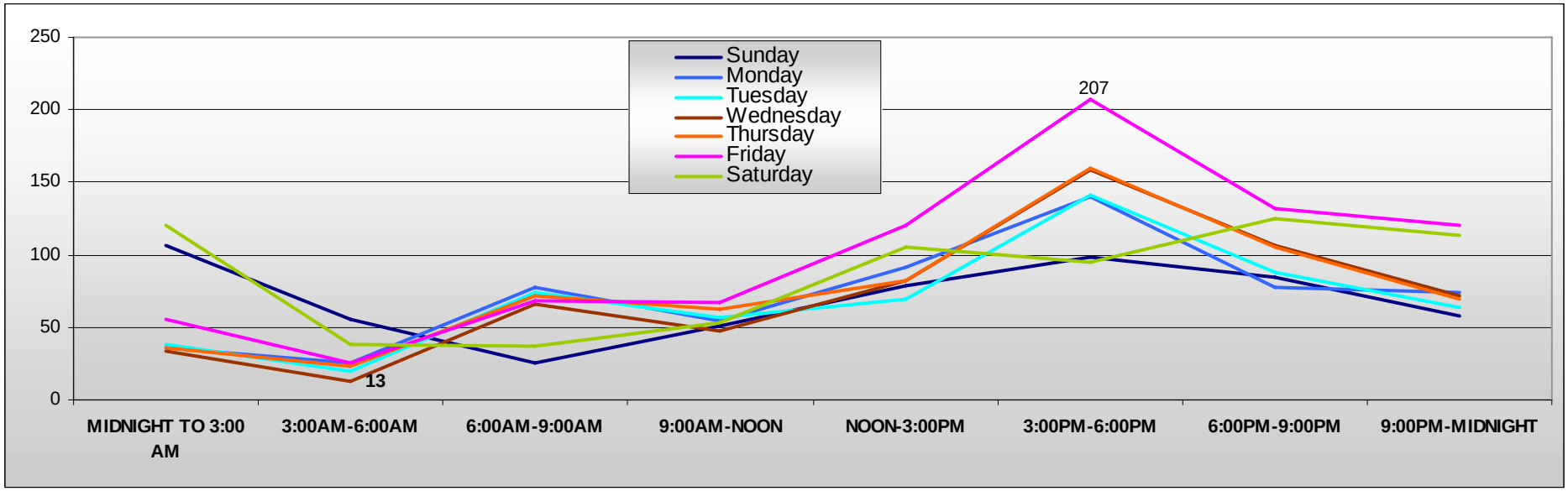
Hit and Run Collisions by Leading Types



The majority of Hit and Run collisions involved collision types oriented towards traveling in the same direction and involving either a rear-end or sideswipe collision. The top three collision types represent 2,165 collisions or 57% of the total 3,783 Hit and Run collisions.

Hit and Run Collisions by Time of Day and Day of Week

	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Total
MIDNIGHT TO 3:00 AM	107	36	38	33	36	55	120	425
3:00AM-6:00AM	56	26	20	13	23	25	38	201
6:00AM-9:00AM	26	77	74	66	72	68	37	420
9:00AM-NOON	51	54	57	47	62	67	53	391
NOON-3:00PM	79	92	69	82	82	120	105	629
3:00PM-6:00PM	98	140	141	159	160	207	95	1,000
6:00PM-9:00PM	85	78	88	107	105	132	125	720
9:00PM-MIDNIGHT	58	74	64	72	70	120	113	571

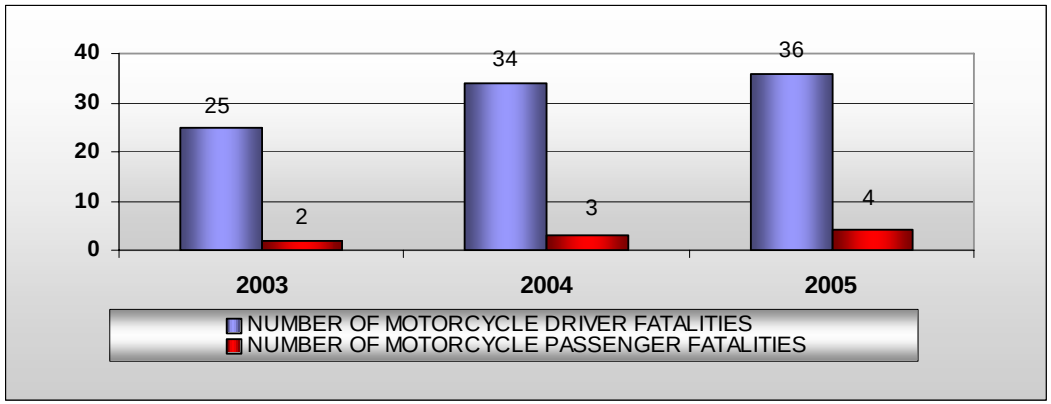


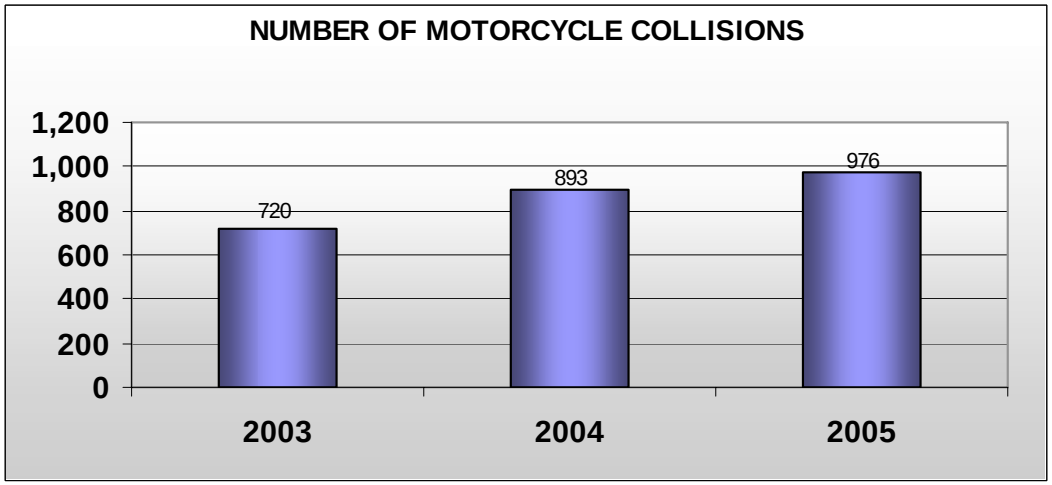
The above table and chart show the relationship between Time of Day and Day of Week for Hit and Run Collisions. The aggregated subgroup of 3:00-6:00pm on Friday represents the highest frequency of Hit and Run collisions with 178. The aggregated subgroup 3:00-6:00am on Monday represents the lowest frequency of 16 Hit and Run collisions.

Motorcycle Collisions

3 Year Comparison

	2003	2004	2005
NUMBER OF COLLISIONS	720	893	976
MOTORCYCLES INVOLVED	735	922	1,007
TOTAL NUMBER OF FATALITIES	28	39	40
TOTAL NUMBER OF DISABLING INJURIES	132	156	157
TOTAL NUMBER OF EVIDENT INJURIES	340	428	435
TOTAL NUMBER OF POSSIBLE INJURIES	225	267	332
NUMBER OF MOTORCYCLE DRIVER FATALITIES	25	34	36
NUMBER OF MOTORCYCLE DRIVER DISABLING INJURIES	112	134	144
NUMBER OF MOTORCYCLE DRIVER EVIDENT INJURIES	288	381	383
NUMBER OF MOTORCYCLE DRIVER POSSIBLE INJURIES	161	203	252
TOTAL MOTORCYCLE DRIVER INJURIES	561	718	779
NUMBER OF MOTORCYCLE PASSENGER FATALITIES	2	3	4
NUMBER OF MOTORCYCLE PASSENGER DISABLING INJURIES	16	21	12
NUMBER OF MOTORCYCLE PASSENGER EVIDENT INJURIES	35	41	33
NUMBER OF MOTORCYCLE PASSENGER POSSIBLE INJURIES	26	23	24
TOTAL MOTORCYCLE PASSENGER INJURIES	77	85	69
TOTAL MOTORCYCLIST FATALITIES	27	37	40
TOTAL MOTORCYCLIST INJURIES	638	803	848

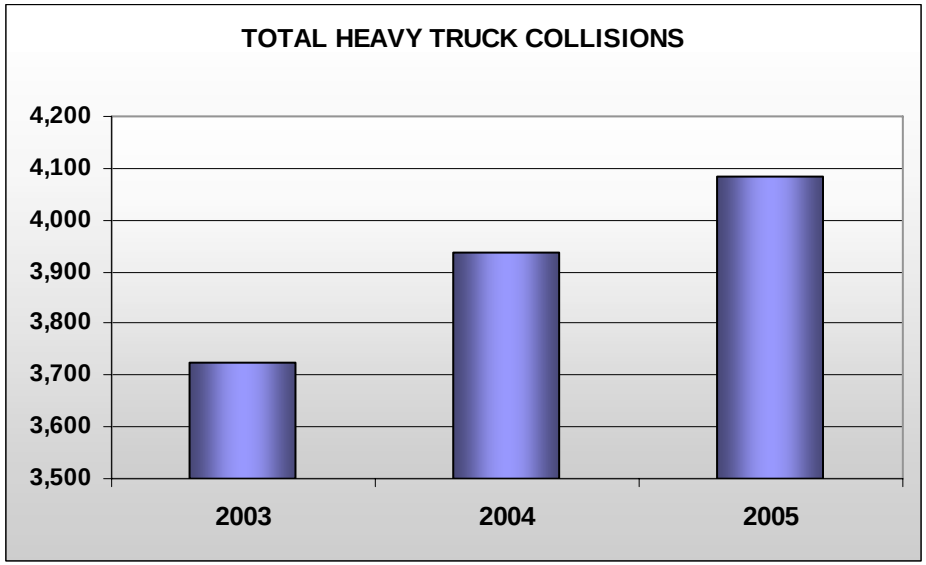


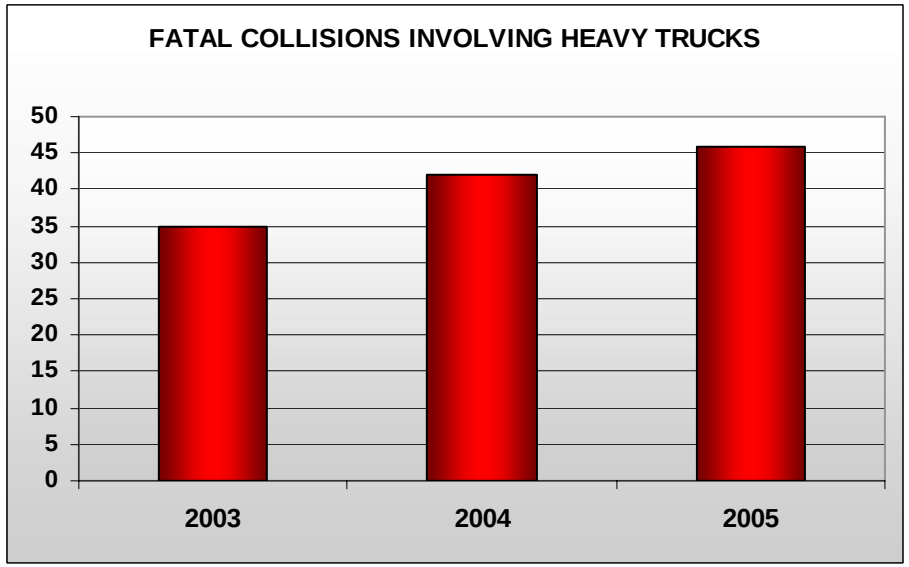


Since 2003, the number of motorcycle-involved collisions has increased by 36%. During the same period, the number of fatalities for motorcycle drivers/passengers grew by 48%.

Heavy Truck Collisions
(over 10,000 lbs)

YEAR	TOTAL COLLISIONS	FATAL COLLISIONS	DISABLING INJURY COLLISIONS	EVIDENT INJURY COLLISIONS	POSSIBLE INJURY COLLISIONS	TOTAL INJURY COLLISIONS	PROPERTY DAMAGE ONLY COLLISIONS	NUMBER OF FATALITIES	NUMBER OF INJURIES	NUMBER OF DISABLING INJURIES	NUMBER OF EVIDENT INJURIES	NUMBER OF POSSIBLE INJURIES	NUMBER OF LARGE TRUCKS INVOVLED
2003	3,725	35	64	362	797	1,223	2,467	42	1,868	83	500	1,285	3,915
2004	3,937	42	70	370	801	1,241	2,654	43	1,781	89	470	1,222	4,182
2005	4,083	46	90	359	800	1,249	2,788	60	1,860	122	496	1,242	4,317
Total	11,745	123	224	1,091	2,398	3,713	7,909	145	5,509	294	1,466	3,749	12,414





Heavy Truck involvement has increased over the last three years for total collisions, fatal collisions and disabling injury collisions, showing a growth of 10%, 31% and 41%, respectively.

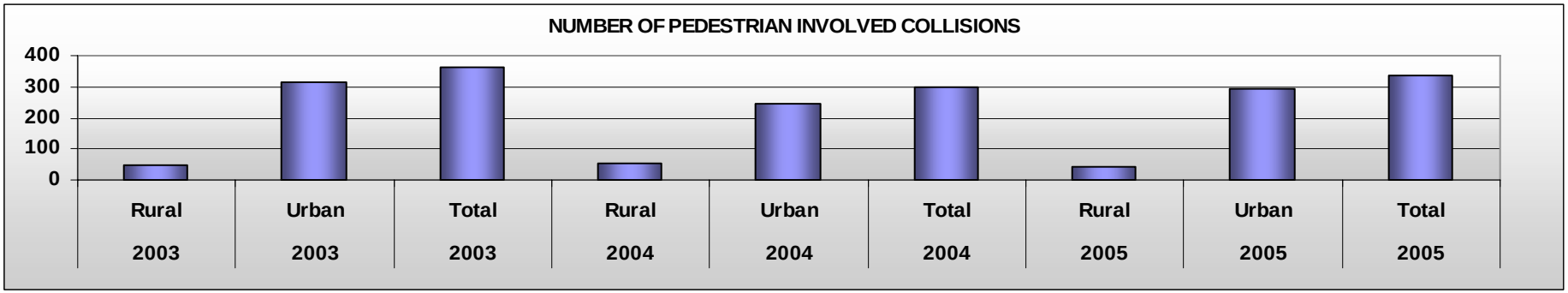
Pedestrian Collisions

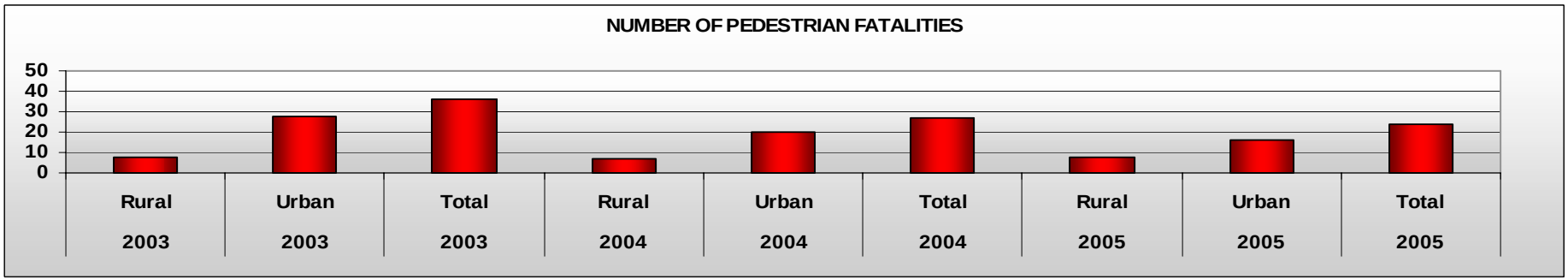
*Pedestrian Fatalities and Injuries in Traffic Collisions – 3 year Comparison

		NUMBER OF PEDESTRIAN INVOLVED COLLISIONS	NUMBER OF PEDESTRIANS	NUMBER OF MOTOR VEHICLES INVOLVED	NUMBER OF PEDESTRIAN FATALITIES	NUMBER OF PEDESTRIAN DISABLING INJURIES	NUMBER OF PEDESTRIAN EVIDENT INJURIES	NUMBER OF PEDESTRIAN POSSIBLE INJURIES
2003	Rural	49	51	65	8	8	25	8
2003	Urban	316	340	353	28	54	125	116
2003	Total	365	391	418	36	62	150	124
2004	Rural	54	56	74	7	14	17	16
2004	Urban	245	263	289	20	45	110	76
2004	Total	299	319	363	27	59	127	92
2005	Rural	41	41	56	8	15	12	5
2005	Urban	295	314	326	16	55	118	115
2005	Total	336	355	382	24	70	130	120
Total		1,000	1,065	1,163	87	191	407	336

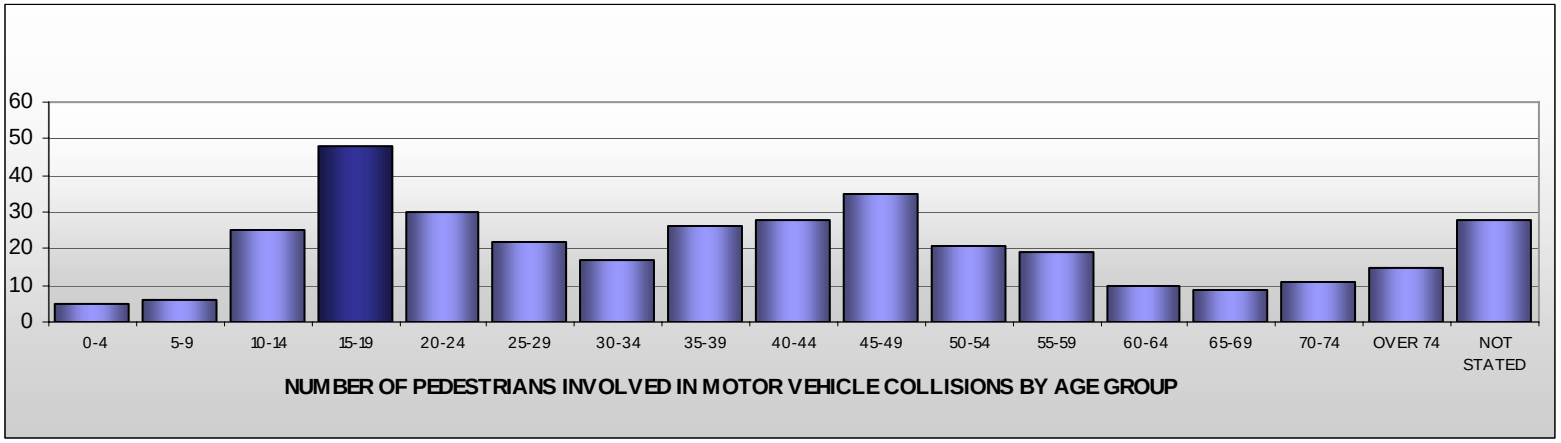
Eighty-six percent of all pedestrian involved collisions occur in urban areas. When just fatalities are considered, the urban percentage drops slightly, to 74%.

**Based on Pedestrian Status*





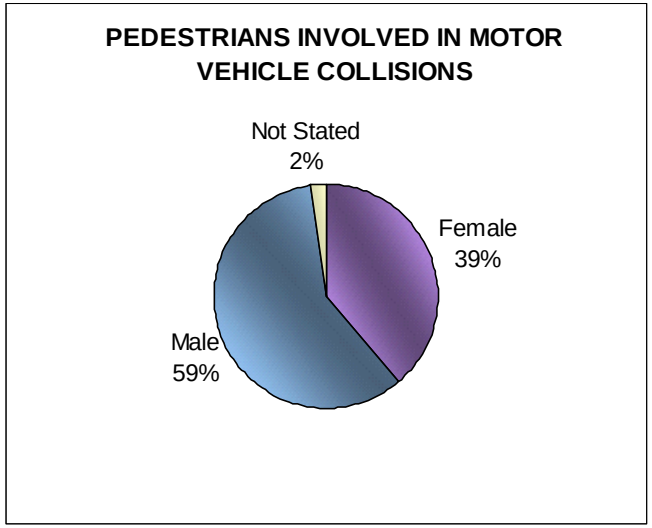
*Pedestrian Collisions by Age and Gender



Males, and persons between the ages of 15-19 and 45-49, are most likely to be involved in pedestrian collisions.

	NUMBER OF PEDESTRIANS	NUMBER OF PEDESTRIAN FATALITIES	NUMBER OF PEDESTRIAN DISABLING INJURIES	NUMBER OF PEDESTRIAN EVIDENT INJURIES	NUMBER OF PEDESTRIAN POSSIBLE INJURIES
0-4	5	0	0	5	0
5-9	6	0	1	2	3
10-14	25	1	4	7	12
15-19	48	2	7	23	16
20-24	30	0	3	12	15
25-29	22	0	5	6	10
30-34	17	2	3	4	8
35-39	26	1	6	9	9
40-44	28	1	7	13	7
45-49	35	4	12	9	9
50-54	21	2	3	8	7
55-59	19	1	6	6	6
60-64	10	1	2	4	2
65-69	9	2	1	5	1
70-74	11	2	1	6	2
OVER 74	15	5	5	3	1
NOT STATED	28	0	4	8	12
TOTAL	355	24	70	130	120

**Based on Pedestrian Status*



Males accounted for 59% of the pedestrians involved in collisions, and 79% of the fatalities.

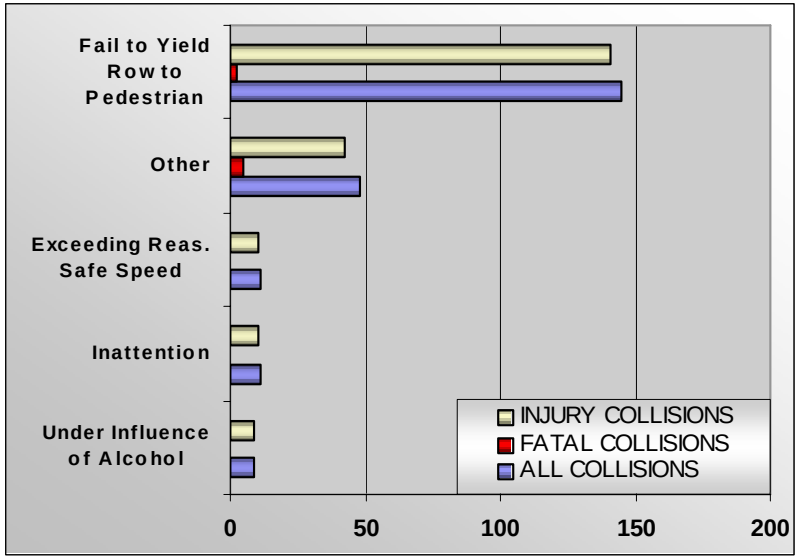
	NUMBER OF PEDESTRIANS	NUMBER OF PEDESTRIAN FATALITIES	NUMBER OF PEDESTRIAN DISABLING INJURIES	NUMBER OF PEDESTRIAN EVIDENT INJURIES	NUMBER OF PEDESTRIAN POSSIBLE INJURIES
Female	138	5	24	47	58
Male	209	19	46	81	58
Not Stated	8	0	0	2	4
Total	355	24	70	130	120

Pedestrian vs. Driver; Leading Contributing Circumstances

*Leading Motor Vehicle Driver Contributing Circumstances in:

	ALL COLLISIONS	FATAL COLLISIONS	INJURY COLLISIONS
Fail to Yield Row to Pedestrian	145	2	141
Other	48	5	42
Inattention	11	0	10
Exceeding Reas. Safe Speed	11	1	10
Under Influence of Alcohol	9	0	9
Disregard Stop and Go Light	8	0	8
Follow Too Closely	5	1	4
Did Not Grant RW to Vehicle	3	0	3
Under Influence of Drugs	3	1	2
Improper Parking Location	3	0	3
Operating Defective Equipment	3	0	3
Improper Backing	2	0	2
Improper Passing	1	0	1
Over Center Line	1	1	0

Top 5 Motor Vehicle Driver Contributing Circumstances

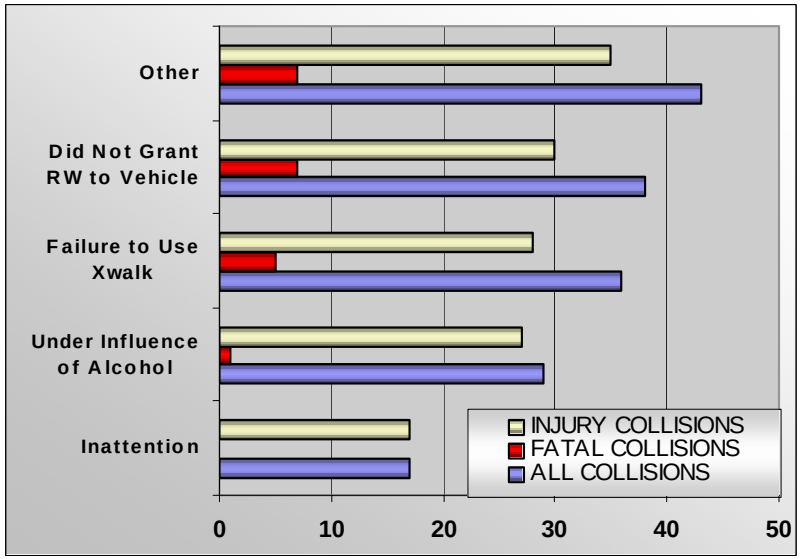


*Leading Pedestrian Contributing Circumstances in:

	ALL COLLISIONS	FATAL COLLISIONS	INJURY COLLISIONS
Other	43	7	35
Did Not Grant RW to Vehicle	38	7	30
Failure to Use Xwalk	36	5	28
Under Influence of Alcohol	29	1	27
Inattention	17	0	17
Disregard Stop and Go Light	6	0	5
On Wrong Side Of Road	2	0	2

**Based on Pedestrian Status*

Top 5 Pedestrian Contributing Circumstances



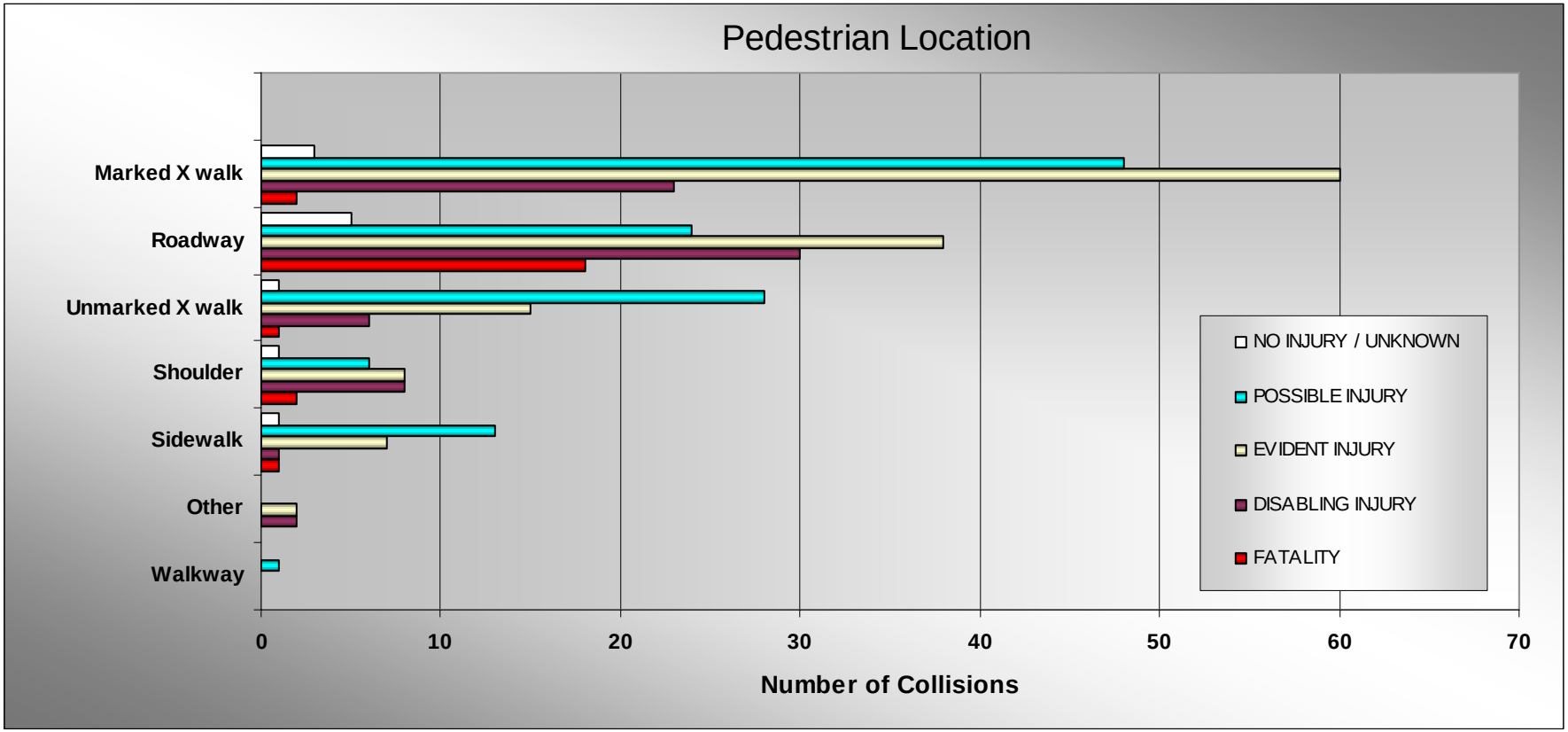
Failure to yield right of way is the leading Contributing Circumstance for Drivers, and the second highest for Pedestrians involved in all collisions.

Pedestrian Location (Pedestrian Was Using)

PEDESTRIAN WAS USING	FATALITY	DISABLING INJURY	EVIDENT INJURY	POSSIBLE INJURY	NO INJURY / UNKNOWN	TOTAL
Marked X walk	2	23	60	48	3	136
Roadway	18	30	38	24	5	115
Unmarked X walk	1	6	15	28	1	51
Shoulder	2	8	8	6	1	25
Sidewalk	1	1	7	13	1	23
Other	0	2	2	0	0	4
Walkway	0	0	0	1	0	1
TOTAL	24	70	130	120	11	355

Pedestrian fatalities account for 7% of all pedestrians involved in collisions.

Pedestrians in the roadway or crossing at a marked crosswalk account for 71% of all pedestrians involved in collisions and 83% of all pedestrian fatalities.



***Pedestrian Collisions by County**

	NUMBER OF PEDESTRIAN INVOLVED COLLISIONS	NUMBER OF MOTOR VEHICLES INVOLVED	NUMBER OF PEDESTRIANS	NUMBER OF PEDESTRIAN FATALITIES	NUMBER OF PEDESTRIAN DISABLING INJURIES	NUMBER OF PEDESTRIAN EVIDENT INJURIES	NUMBER OF PEDESTRIAN POSSIBLE INJURIES
King	111	117	115	6	18	40	43
Snohomish	64	69	69	7	15	29	18
Pierce	39	42	41	2	10	10	18
Spokane	27	36	27	3	5	11	8
Kitsap	16	21	18	0	4	4	9
Grays Harbor	12	12	15	0	0	9	5
Clark	11	13	13	0	7	3	3
Skagit	9	10	9	1	1	3	4
Whitman	6	10	7	1	1	4	1
Chelan	6	8	6	0	1	3	2
Yakima	5	6	5	1	1	1	2
Grant	4	6	4	0	0	3	1
Lewis	4	4	4	0	1	1	2
Whatcom	4	4	4	0	1	2	1
Clallam	2	2	2	0	0	1	1
Island	2	2	2	1	0	1	0
Kittitas	2	4	2	1	1	0	0
Cowlitz	2	6	2	0	1	1	0
Lincoln	1	1	1	0	1	0	0
Benton	1	1	1	0	0	0	1
Walla Walla	1	1	1	0	0	1	0
Stevens	1	1	1	0	1	0	0
Thurston	1	1	1	0	0	1	0
Ferry	1	1	1	1	0	0	0
Klickitat	1	1	1	0	1	0	0
Okanogan	1	1	1	0	0	1	0
Pacific	1	1	1	0	0	0	1
Jefferson	1	1	1	0	0	1	0

**Based on Pedestrian Status*

***Pedestrian Collisions by City**

CITY	NUMBER OF PEDESTRIAN INVOLVED COLLISIONS	NUMBER OF MOTOR VEHICLES INVOLVED	NUMBER OF PEDESTRIANS	NUMBER OF PEDESTRIAN FATALITIES	NUMBER OF PEDESTRIAN DISABLING INJURIES	NUMBER OF PEDESTRIAN EVIDENT INJURIES	NUMBER OF PEDESTRIAN POSSIBLE INJURIES
NA	72	88	77	10	21	24	20
Seattle	39	44	39	1	7	10	14
Kent	23	23	25	1	2	5	16
Spokane	20	27	20	0	3	9	8
Everett	18	19	20	1	0	10	9
Tacoma	16	18	16	0	3	4	9
Federal Way	11	11	11	1	2	4	4
Vancouver	8	10	9	0	6	2	1
Shoreline	8	8	8	2	4	1	1
Bremerton	8	13	10	0	2	3	4
Aberdeen	8	8	11	0	0	7	4
Lynnwood	8	9	8	2	2	3	1
Renton	6	6	6	0	0	2	4
Edmonds	6	6	6	0	0	4	2
Mount Vernon	5	6	5	1	0	1	3
SeaTac	4	5	4	0	1	3	0
Port Orchard	4	4	4	0	1	0	3
Pullman	3	3	4	0	0	3	1
Hoquiam	3	3	3	0	0	2	1
Des Moines	3	3	4	0	0	4	0
Puyallup	3	3	3	0	1	0	2
Marysville	3	3	3	0	0	2	1
Auburn	3	3	4	1	0	1	2
Centralia	3	3	3	0	0	1	2
Wenatchee	3	4	3	0	1	2	0
Mill Creek	3	3	3	1	0	2	0
Mukilteo	3	5	4	0	1	3	0
Spokane Valley	2	2	2	0	1	1	0

**Based on Pedestrian Status*

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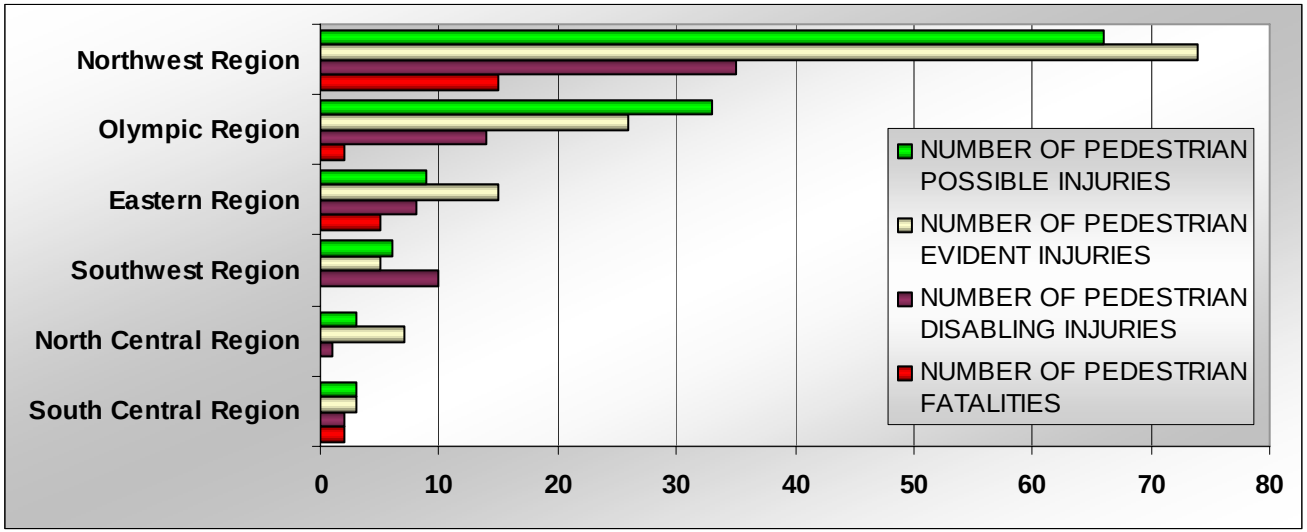
CITY	NUMBER OF PEDESTRIAN INVOLVED COLLISIONS	NUMBER OF MOTOR VEHICLES INVOLVED	NUMBER OF PEDESTRIANS	NUMBER OF PEDESTRIAN FATALITIES	NUMBER OF PEDESTRIAN DISABLING INJURIES	NUMBER OF PEDESTRIAN EVIDENT INJURIES	NUMBER OF PEDESTRIAN POSSIBLE INJURIES
Port Angeles	2	2	2	0	0	1	1
Redmond	2	2	2	0	0	2	0
Burlington	2	2	2	0	0	1	1
Bellingham	2	2	2	0	0	1	1
Kenmore	2	2	2	0	0	2	0
Monroe	2	2	2	0	2	0	0
Maple Valley	2	2	2	0	1	1	0
Airway Heights	2	3	2	1	1	0	0
Bothell	2	2	2	0	1	1	0
Oak Harbor	1	1	1	0	0	1	0
Moses Lake	1	1	1	0	0	1	0
Milton	1	1	1	1	0	0	0
Quincy	1	1	1	0	0	1	0
Toledo	1	1	1	0	1	0	0
Leavenworth	1	1	1	0	0	0	1
Kirkland	1	1	1	0	0	1	0
Ridgefield	1	1	1	0	1	0	0
Raymond	1	1	1	0	0	0	1
Colville	1	1	1	0	1	0	0
Union Gap	1	1	1	0	0	1	0
Anacortes	1	1	1	0	0	1	0
Oroville	1	1	1	0	0	1	0
Kennewick	1	1	1	0	0	0	1
Toppenish	1	1	1	0	0	0	1
Ephrata	1	1	1	0	0	0	1
Cle Elum	1	2	1	0	1	0	0
Colfax	1	1	1	0	1	0	0
Sultan	1	1	1	1	0	0	0
Arlington	1	1	1	0	1	0	0
Chelan	1	1	1	0	0	1	0
Wilbur	1	1	1	0	1	0	0

**Based on Pedestrian Status*

***Pedestrian Collisions by WSDOT Region**

	NUMBER OF PEDESTRIAN INVOLVED COLLISIONS	NUMBER OF MOTOR VEHICLES INVOLVED	NUMBER OF PEDESTRIANS	NUMBER OF PEDESTRIAN FATALITIES	NUMBER OF PEDESTRIAN DISABLING INJURIES	NUMBER OF PEDESTRIAN EVIDENT INJURIES	NUMBER OF PEDESTRIAN POSSIBLE INJURIES
Northwest Region	189	201	198	15	35	74	66
Olympic Region	71	79	78	2	14	26	33
Eastern Region	36	49	37	5	8	15	9
Southwest Region	19	25	21	0	10	5	6
North Central Region	11	15	11	0	1	7	3
South Central Region	10	13	10	2	2	3	3
Total	336	382	355	24	70	130	120



**Based on Pedestrian Status*

The Northwest Region accounts for 56% of pedestrian involved collisions throughout the state; Olympic Region accounts for 22%.

The Northwest Region also accounts for 63% of pedestrian fatalities, as well as 55% of all other injured pedestrians.

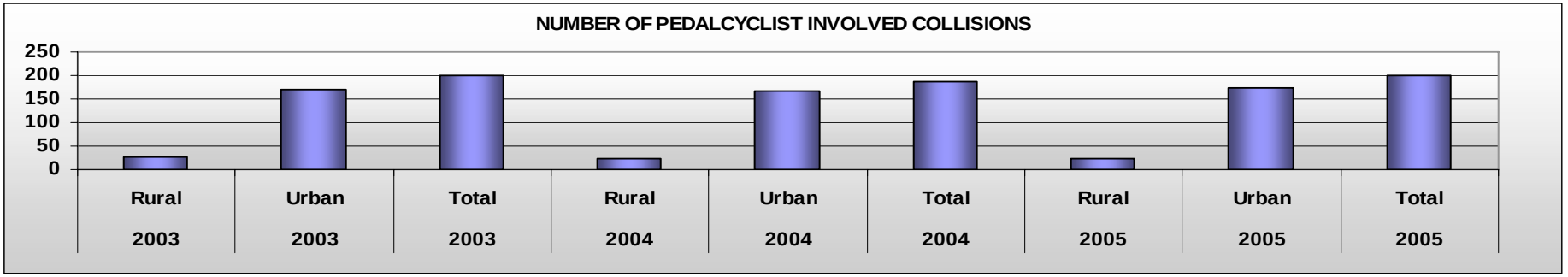
Pedalcyclist Collisions

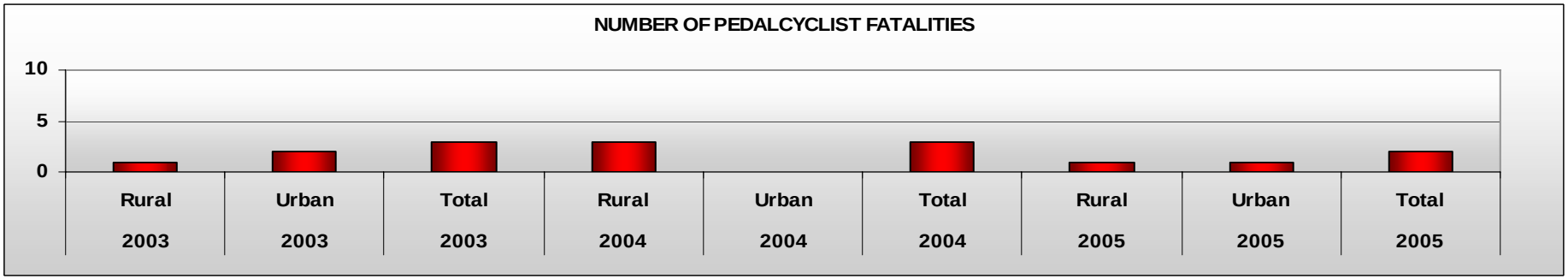
*Pedalcyclist Fatalities and Injuries in Traffic Collisions – 3 Year Comparison

		NUMBER OF PEDALCYCLIST INVOLVED COLLISIONS	NUMBER OF PEDALCYCLISTS	NUMBER OF MOTOR VEHICLES INVOLVED	NUMBER OF PEDALCYCLIST FATALITIES	NUMBER OF PEDALCYCLIST DISABLING INJURIES	NUMBER OF PEDALCYCLIST EVIDENT INJURIES	NUMBER OF PEDALCYCLIST POSSIBLE INJURIES
2003	Rural	28	30	29	1	6	17	5
2003	Urban	171	173	173	2	18	82	58
2003	Total	199	203	202	3	24	99	63
2004	Rural	22	24	22	3	4	13	2
2004	Urban	166	166	167	0	12	91	46
2004	Total	188	190	189	3	16	104	48
2005	Rural	25	25	25	1	3	15	6
2005	Urban	175	175	176	1	12	89	60
2005	Total	200	200	201	2	15	104	66
Total		587	593	592	8	55	307	177

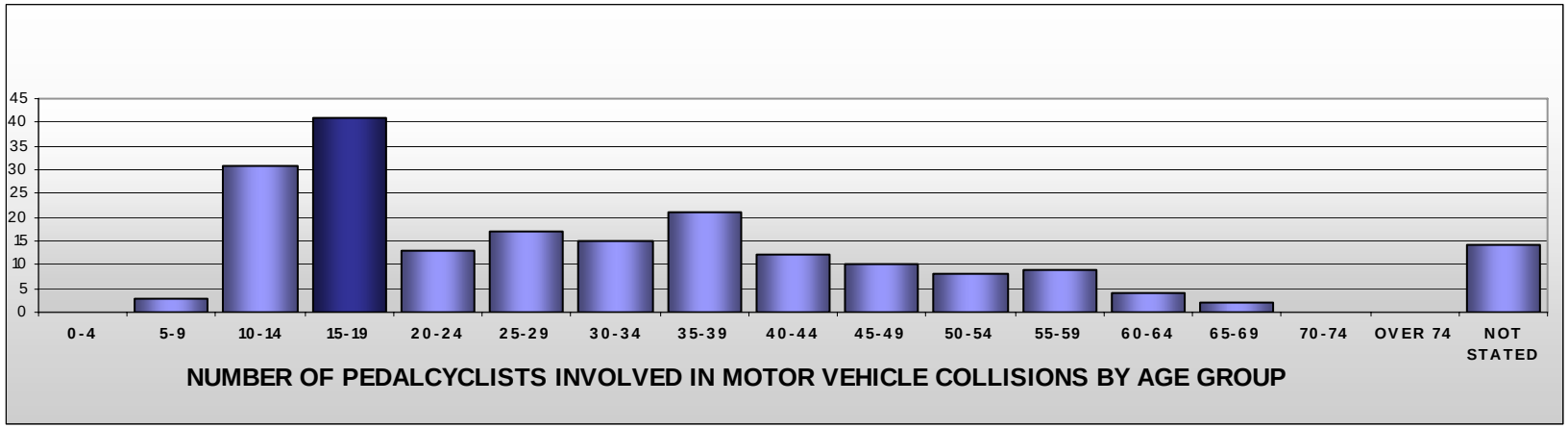
**Based on pedalcyclist status*

Eighty-seven percent of all pedalcyclist involved collisions occur in urban areas. When just fatalities are concerned, the majority, 62%, occurs in rural areas.



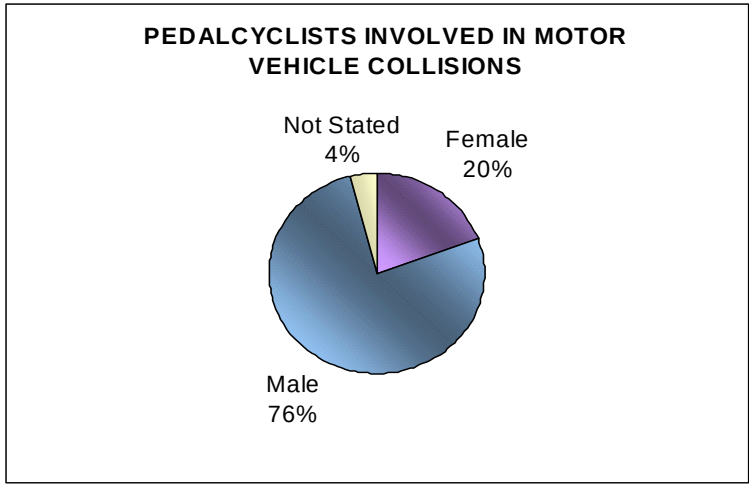


*Pedalcyclist Collisions by Age and Gender



Of the 200 pedalcyclists involved in collisions, 38% were riders under the age of 20.

AGE	NUMBER OF PEDALCYCLISTS	NUMBER OF PEDALCYCLIST FATALITIES	NUMBER OF PEDALCYCLIST DISABLING INJURIES	NUMBER OF PEDALCYCLIST EVIDENT INJURIES	NUMBER OF PEDALCYCLIST POSSIBLE INJURIES
0-4	0	0	0	0	0
5-9	3	0	0	2	1
10-14	31	0	2	19	7
15-19	41	0	2	24	13
20-24	13	0	1	6	5
25-29	17	1	2	8	6
30-34	15	0	2	9	4
35-39	21	0	1	9	11
40-44	12	0	1	6	3
45-49	10	0	0	7	2
50-54	8	0	1	4	3
55-59	9	1	1	3	4
60-64	4	0	1	2	1
65-69	2	0	1	1	0
70-74	0	0	0	0	0
OVER 74	0	0	0	0	0
NOT STATED	14	0	0	4	6
TOTAL	200	2	15	104	66



More than three-fourths of the pedalcyclists involved in collisions were males.

**Based on Pedalcyclist status*

	NUMBER OF PEDALCYCLISTS	NUMBER OF PEDALCYCLIST FATALITIES	NUMBER OF PEDALCYCLIST DISABLING INJURIES	NUMBER OF PEDALCYCLIST EVIDENT INJURIES	NUMBER OF PEDALCYCLIST POSSIBLE INJURIES
Female	39	0	4	27	7
Male	153	2	11	75	56
Not Stated	8	0	0	2	3
Total	200	2	15	104	66

***Pedalcyclist vs. Driver Contributing Circumstances**

Motor Vehicle Driver Contributing Circumstances in:

	ALL COLLISIONS	FATAL COLLISIONS	INJURY COLLISIONS
Fail to Yield Row to Pedalcyclist	75	0	72
Inattention	17	0	16
Apparently Asleep	1	0	1
Did Not Grant RW to Vehicle	1	0	1
Disregard Yield Sign - Flashing Yellow	1	0	1
Exceeding Reas. Safe Speed	1	0	1
Improper Signal	1	0	1
Improper Turn	1	0	1
Under Influence of Alcohol	1	1	0
Under Influence of Drugs	1	1	0

Pedalcyclist Contributing Circumstances in:

	ALL COLLISIONS	FATAL COLLISIONS	INJURY COLLISIONS
Did Not Grant RW to Vehicle	47	0	44
Other	23	1	21
On Wrong Side Of Road	22	0	21
Inattention	17	0	16
Disregard Stop and Go Light	14	0	13
Headlight Violation	2	0	2
Exceeding Reas. Safe Speed	2	0	2
Under Influence of Alcohol	2	0	2
Improper Turn	2	0	2
Disregard Stop Sign - Flashing Red	1	0	1
Operating Defective Equipment	1	0	1

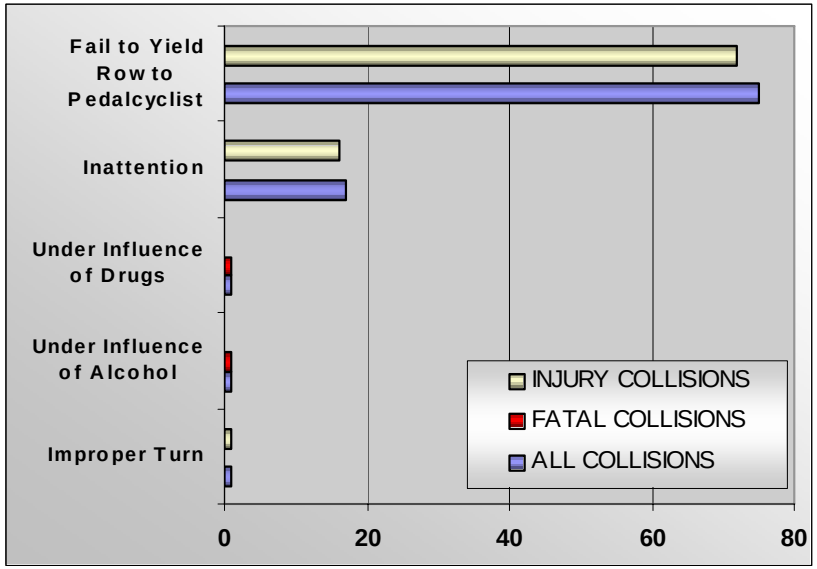
**Based on Pedalcyclist status*

Failure to yield accounted for the most frequent contributing circumstance, with 75 drivers and 47 pedalcyclists committing this offense.

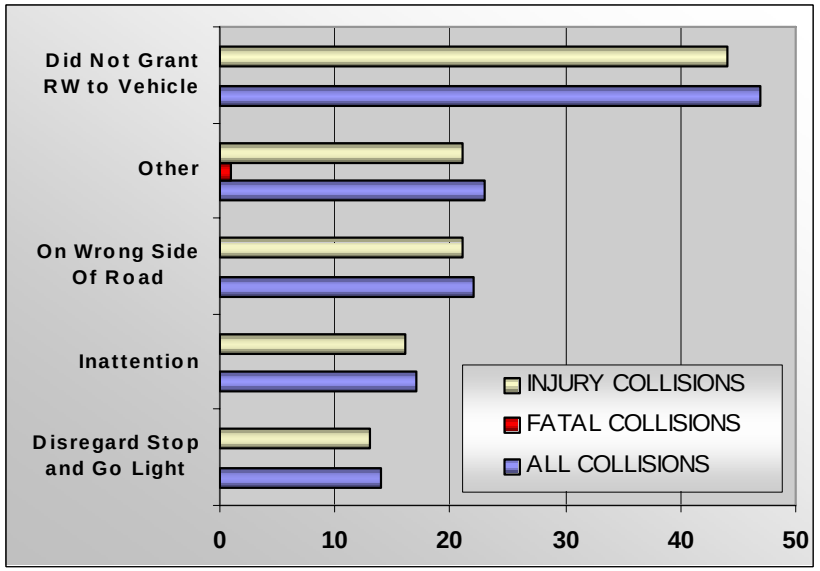
Pedalcylists' second major contributor was riding on the wrong side of the road.

Pedalcyclists disregarded traffic control 15 times more often than drivers.

Top 5 Motor Vehicle Driver Contributing Circumstances



Top 5 Pedalcyclist Contributing Circumstances

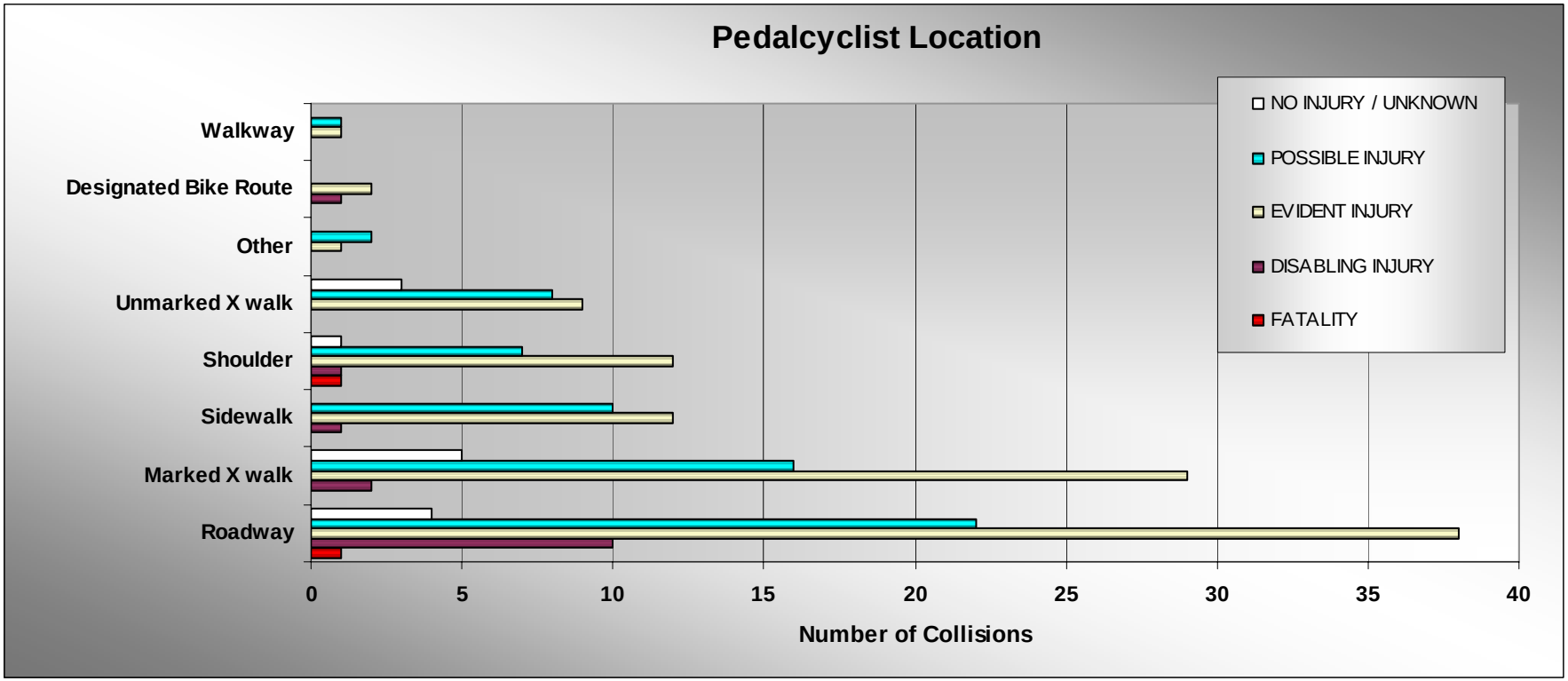


***Pedalcyclist Location (Pedalcyclist Was Using)**

PEDALCYCLIST WAS USING	FATALITY	DISABLING INJURY	EVIDENT INJURY	POSSIBLE INJURY	NO INJURY / UNKNOWN	TOTAL
Roadway	1	10	38	22	4	75
Marked X walk	0	2	29	16	5	52
Sidewalk	0	1	12	10	0	23
Shoulder	1	1	12	7	1	22
Unmarked X walk	0	0	9	8	3	20
Other	0	0	1	2	0	3
Designated Bike Route	0	1	2	0	0	3
Walkway	0	0	1	1	0	2
TOTAL	2	15	104	66	13	200

Pedalcyclist fatalities account for only 1% of all pedalcyclists involved in collisions.

Pedalcyclists in the roadway or crossing at a marked crosswalk account for 63% of all pedalcyclists involved in collisions.



**Based on Pedalcyclist status*

*Pedalcyclist Collisions by County

	*NUMBER OF PEDALCYCLIST INVOLVED COLLISIONS	NUMBER OF PEDALCYCLISTS	NUMBER OF MOTOR VEHICLES INVOLVED	NUMBER OF PEDALCYCLIST FATALITIES	NUMBER OF PEDALCYCLIST DISABLING INJURIES	NUMBER OF PEDALCYCLIST EVIDENT INJURIES	NUMBER OF PEDALCYCLIST POSSIBLE INJURIES
King	51	51	51	0	3	26	19
Snohomish	36	36	36	0	3	17	13
Pierce	29	29	29	1	1	14	11
Spokane	18	18	18	0	1	9	7
Kitsap	7	7	7	1	1	3	2
Clark	7	7	7	0	0	2	4
Clallam	6	6	6	0	2	4	0
Grays Harbor	6	6	6	0	1	4	1
Thurston	5	5	5	0	1	4	0
Cowlitz	5	5	5	0	0	2	2
Skagit	5	5	6	0	1	3	1
Grant	4	4	4	0	0	1	2
Chelan	3	3	3	0	0	2	0
Whatcom	3	3	3	0	0	2	1
Lewis	3	3	3	0	0	2	1
Whitman	2	2	2	0	0	1	1
Island	2	2	2	0	0	1	1
Asotin	1	1	1	0	0	1	0
Garfield	1	1	1	0	0	1	0
Jefferson	1	1	1	0	0	1	0
Walla Walla	1	1	1	0	1	0	0
Franklin	1	1	1	0	0	1	0
Kittitas	1	1	1	0	0	1	0
Okanogan	1	1	1	0	0	1	0
Mason	1	1	1	0	0	1	0

**Based on Pedalcyclist status*

***Pedalcyclist Collisions by City**

City	NUMBER OF PEDALCYCLIST INVOLVED COLLISIONS	NUMBER OF PEDALCYCLISTS	NUMBER OF MOTOR VEHICLES INVOLVED	NUMBER OF PEDALCYCLIST FATALITIES	NUMBER OF PEDALCYCLIST DISABLING INJURIES	NUMBER OF PEDALCYCLIST EVIDENT INJURIES	NUMBER OF PEDALCYCLIST POSSIBLE INJURIES
NA	42	42	42	1	6	18	15
Seattle	15	15	15	0	2	6	6
Spokane	13	13	13	0	0	7	6
Kent	10	10	10	0	0	5	4
Everett	8	8	8	0	0	4	3
Puyallup	7	7	7	1	0	4	2
Tacoma	6	6	6	0	1	1	3
Port Angeles	5	5	5	0	1	4	0
Edmonds	5	5	5	0	0	4	0
Bremerton	4	4	4	0	1	2	1
Mill Creek	4	4	4	0	0	1	3
Lynnwood	4	4	4	0	0	1	3
Aberdeen	4	4	4	0	1	2	1
Redmond	4	4	4	0	0	1	3
Bellingham	3	3	3	0	0	2	1
Longview	3	3	3	0	0	1	1
Renton	3	3	3	0	0	1	2
Shoreline	3	3	3	0	1	1	1
Bonney Lake	3	3	3	0	0	2	1
Moses Lake	3	3	3	0	0	0	2
Yelm	3	3	3	0	0	3	0
Wenatchee	3	3	3	0	0	2	0
Spokane Valley	3	3	3	0	0	2	0
Federal Way	2	2	2	0	0	2	0
Hoquiam	2	2	2	0	0	2	0
Sedro-Woolley	2	2	2	0	1	0	1
Auburn	2	2	2	0	0	2	0

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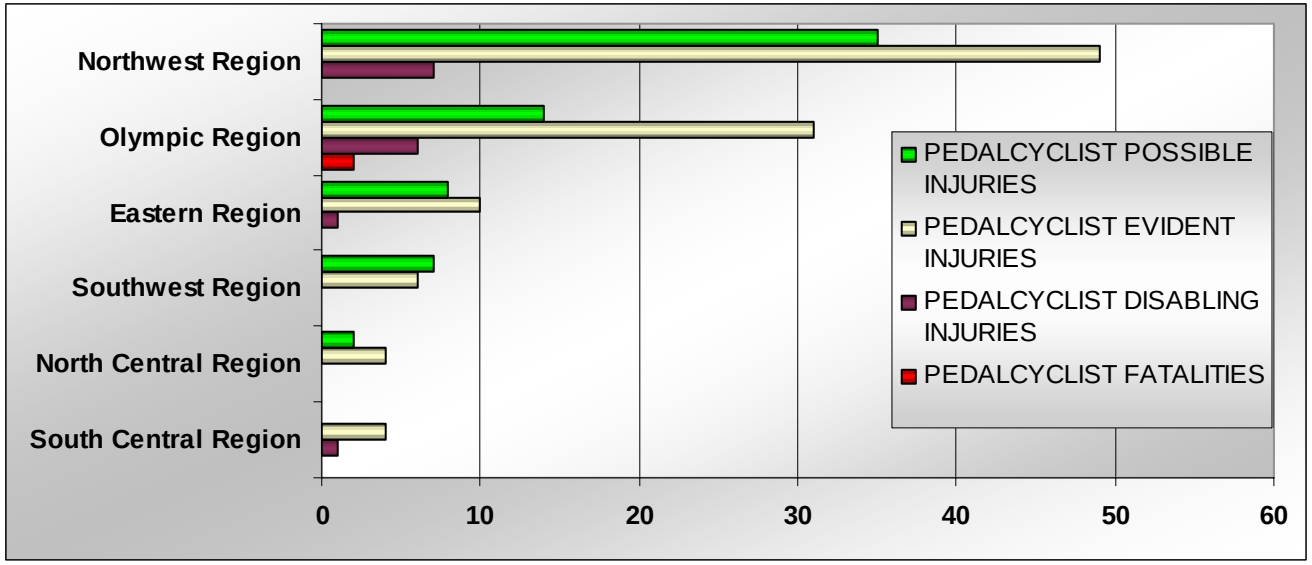
City	NUMBER OF PEDALCYCLIST INVOLVED COLLISIONS	NUMBER OF PEDALCYCLISTS	NUMBER OF MOTOR VEHICLES INVOLVED	NUMBER OF PEDALCYCLIST FATALITIES	NUMBER OF PEDALCYCLIST DISABLING INJURIES	NUMBER OF PEDALCYCLIST EVIDENT INJURIES	NUMBER OF PEDALCYCLIST POSSIBLE INJURIES
Woodinville	2	2	2	0	0	1	0
Burlington	2	2	3	0	0	2	0
Kelso	2	2	2	0	0	1	1
Bothell	2	2	2	0	0	2	0
Shelton	1	1	1	0	0	1	0
Fife	1	1	1	0	0	1	0
Port Townsend	1	1	1	0	0	1	0
Vancouver	1	1	1	0	0	1	0
Issaquah	1	1	1	0	0	1	0
Omak	1	1	1	0	0	1	0
Walla Walla	1	1	1	0	1	0	0
Maple Valley	1	1	1	0	0	1	0
Marysville	1	1	1	0	0	0	1
Snoqualmie	1	1	1	0	0	1	0
Bellevue	1	1	1	0	0	1	0
Colfax	1	1	1	0	0	0	1
Arlington	1	1	1	0	0	1	0
Clarkston	1	1	1	0	0	1	0
Pasco	1	1	1	0	0	1	0
Mukilteo	1	1	1	0	0	0	0
Bainbridge Island	1	1	1	0	0	1	0
Centralia	1	1	1	0	0	0	1
Pomeroy	1	1	1	0	0	1	0
Pullman	1	1	1	0	0	1	0
Kenmore	1	1	1	0	0	0	1
North Bend	1	1	1	0	0	0	1
Orting	1	1	1	0	0	1	0
Sultan	1	1	1	0	0	0	1
Tenino	1	1	1	0	0	1	0
Anacortes	1	1	1	0	0	1	0

*Pedalcyclist Collisions by WSDOT Region

REGION	*NUMBER OF PEDALCYCLIST INVOLVED COLLISIONS	NUMBER OF PEDALCYCLISTS	NUMBER OF MOTOR VEHICLES INVOLVED	NUMBER OF PEDALCYCLIST FATALITIES	NUMBER OF PEDALCYCLIST DISABLING INJURIES	NUMBER OF PEDALCYCLIST EVIDENT INJURIES	NUMBER OF PEDALCYCLIST POSSIBLE INJURIES
Northwest Region	97	97	98	0	7	49	35
Olympic Region	55	55	55	2	6	31	14
Eastern Region	20	20	20	0	1	10	8
Southwest Region	15	15	15	0	0	6	7
South Central Region	5	5	5	0	1	4	0
North Central Region	8	8	8	0	0	4	2
Total	200	200	201	2	15	104	66

**Based on Pedalcyclist status*

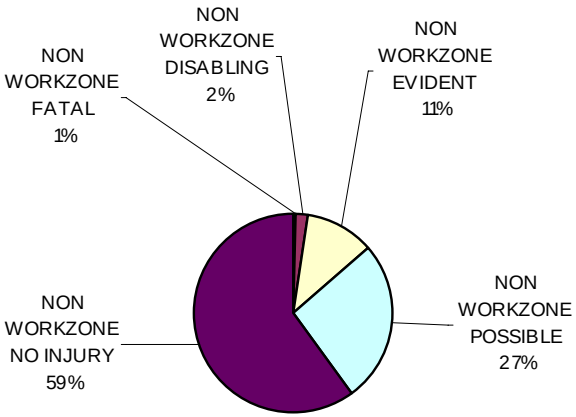


Work Zone Collisions
(6 Year Trend)

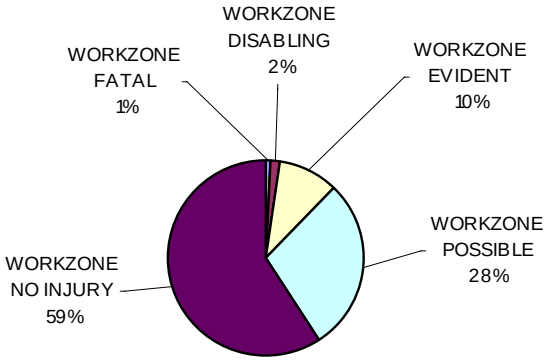
Work Zone vs. Non-Work Zone Collisions:

		2000	2001	2002	2003	2004	2005	Average
FATAL COLLISIONS	NON WORKZONE	296	278	284	253	247	266	271
	WORKZONE	7	12	6	5	2	8	7
	Total	303	290	290	258	249	274	277
DISABLING INJURY COLLISIONS	NON WORKZONE	1,058	1,042	1,003	841	842	877	944
	WORKZONE	17	25	9	10	13	13	15
	Total	1,075	1,067	1,012	851	855	890	958
EVIDENT INJURY COLLISIONS	NON WORKZONE	5,811	5,786	5,510	4,868	4,811	4,928	5,286
	WORKZONE	121	120	121	65	58	82	95
	Total	5,932	5,906	5,631	4,933	4,869	5,010	5,380
POSSIBLE INJURY COLLISIONS	NON WORKZONE	13,320	13,208	12,772	12,312	11,984	13,343	12,823
	WORKZONE	296	319	306	213	176	298	268
	Total	13,616	13,527	13,078	12,525	12,160	13,641	13,091
NO INJURY COLLISIONS	NON WORKZONE	27,569	27,928	28,966	28,123	29,122	31,474	28,864
	WORKZONE	575	686	638	463	379	612	559
	Total	28,144	28,614	29,604	28,586	29,501	32,086	29,423
	GRAND TOTAL	49,070	49,404	49,615	47,153	47,634	51,901	

2005 marked a reversal in recent trends, as fatal collisions and no injury collisions increased for both work zones and on-work zones. Overall for the period from 2000-2005, work zone collisions have either declined or remained stable across all severity categories.



Average of Non-Workzone Collisions 2000-2005

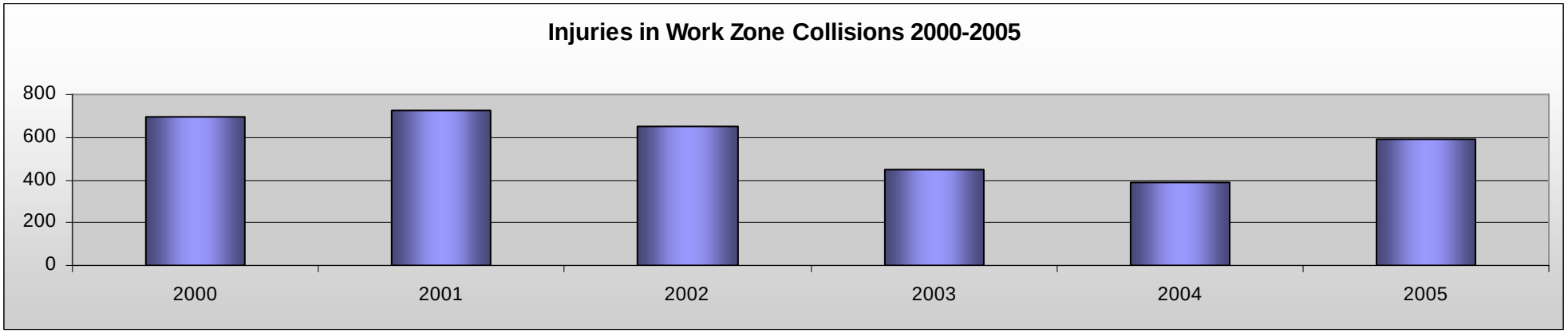


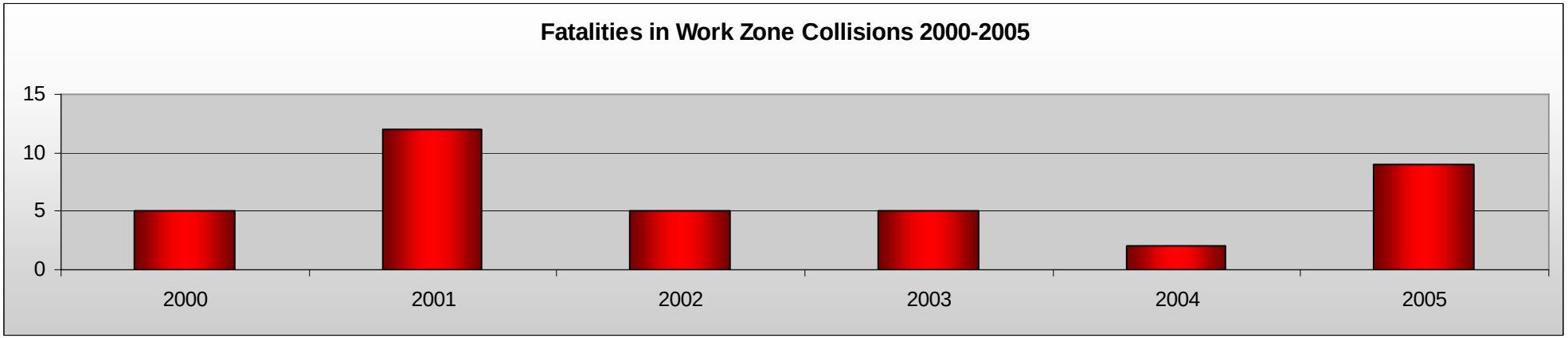
Average of Workzone Collisions 2000-2005

Fatalities or Injuries in Work Zone Collisions

	2000		2001		2002		2003		2004		2005	
PERSON TYPE	FATALITIES	INJURIES	FATALITIES	INJURIES	FATALITIES	INJURIES	FATALITIES	INJURIES	FATALITIES	INJURIES	FATALITIES	INJURIES
MOTOR VEHICLE DRIVER/PASSENGER (non worker)	5	680	12	711	5	641	5	437	2	380	9	573
*OTHER (excluding roadway worker/flagger)	0	0	0	1	0	0	0	0	0	0	0	0
PEDALCYCLISTS	0	2	0	1	0	3	0	1	0	2	0	4
*PEDESTRIANS	1	1	0	5	1	2	0	2	0	0	0	2
FLAGGER/ROADWAY WORKER (on foot or in vehicle)	1	9	0	7	0	5	0	8	0	5	0	11
TOTAL	7	692	12	725	6	651	5	448	2	387	9	590

*See glossary for further definition

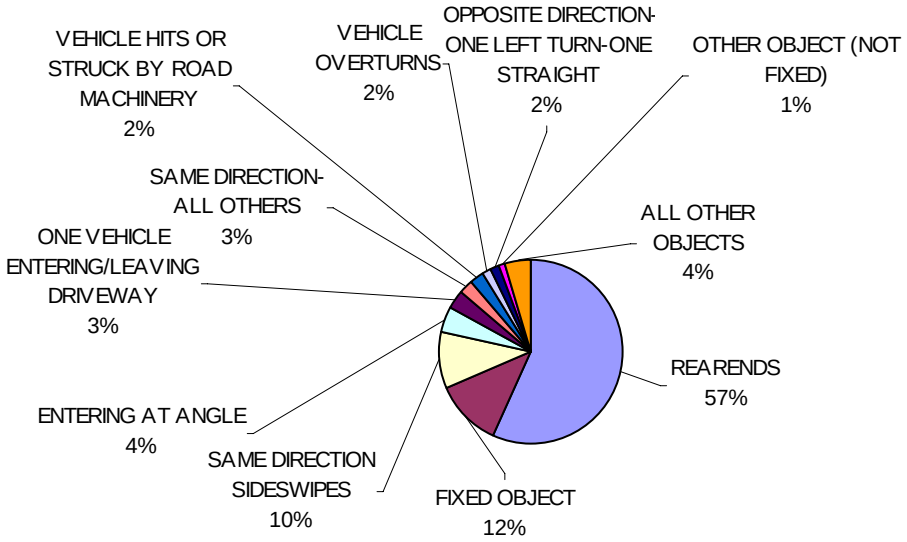




The overwhelmingly majority of people injured or killed in work zone collisions are motor vehicle drivers and passengers; pedalcyclists, pedestrians, flaggers and roadway workers account for only 1% of these injuries or fatalities.

Work Zone Leading Collision Types

	2000	2001	2002	2003	2004	2005	Average
REARENDS	590	650	647	439	341	554	537
FIXED OBJECT	123	177	103	74	77	100	109
SAME DIRECTION SIDESWIPES	106	113	69	76	78	134	96
ENTERING AT ANGLE	43	57	49	35	25	42	42
ONE VEHICLE ENTERING/LEAVING DRIVEWAY	23	29	46	27	14	48	31
SAME DIRECTION-ALL OTHERS	22	27	29	13	23	28	24
VEHICLE HITS OR STRUCK BY ROAD MACHINERY	0	1	35	40	16	30	20
VEHICLE OVERTURNS	24	19	23	7	13	15	17
OPPOSITE DIRECTION-ONE LEFT TURN-ONE STRAIGHT	16	15	25	9	10	15	15
OTHER OBJECT (NOT FIXED)	19	22	9	7	3	6	11
ONE PARKED-ONE MOVING	7	11	12	2	8	4	7
PEDESTRIAN INVOLVED	7	7	6	4	3	4	5
SAME DIRECTION-ONE RIGHT TURN-ONE STRAIGHT	4	4	4	5	4	8	5
OPPOSITE DIRECTION-ALL OTHERS	7	4	5	5	1	5	5
ALL OTHER NON-COLLISION	4	5	4	4	3	2	4
OPPOSITE DIRECTION SIDESWIPES	7	6	4	1	1	2	4
SAME DIRECTION-ONE LEFT TURN-ONE STRAIGHT	3	2	1	1	2	7	3
DOMESTIC/NON DOMESTIC ANIMAL	4	1	0	2	1	4	2
HEAD-ON	2	3	3	1	3	0	2
BICYCLE INVOLVED	1	1	3	0	2	3	2
FIRE STARTED IN VEHICLE	1	3	2	2	0	0	1
ONE VEHICLE ENTERING/LEAVING PARKED POSITION	1	2	0	1	0	1	1
OPPOSITE DIRECTION-ONE LEFT TURN-ONE RIGHT TURN	2	1	1	1	0	0	1
BREAKAGE OF ANY PART OF VEHICLE RESULTING IN INJURY OR IN FURTHER PROPERTY DAMAGE	0	1	0	0	0	1	0
PERSON FELL, JUMPED OR WAS PUSHED FROM VEHICLE	0	1	0	0	0	0	0



Average of Leading Work Zone Collision Types 2000-2005

The most common collision type in work zones is rear-end, followed by hitting fixed objects and same direction sideswipes. On average, vehicles striking or being struck by construction machinery occurred only 2% of the time.

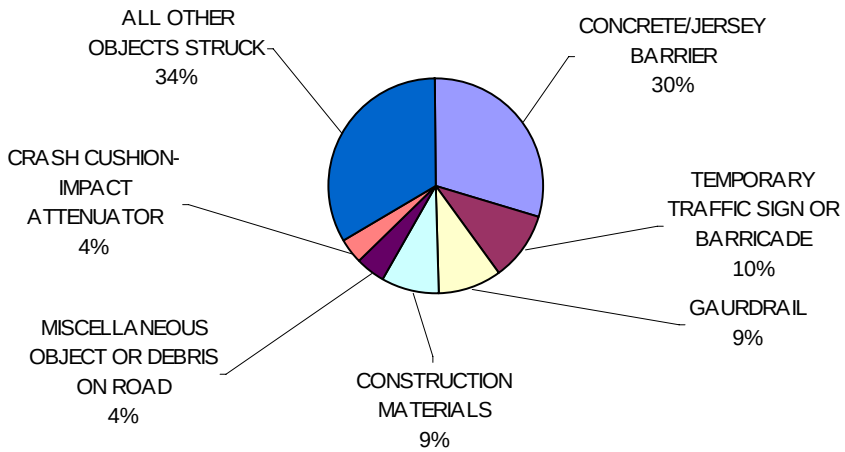
Leading Fixed Objects that Were Struck in Work Zone Collisions

	2000	2001	2002	2003	2004	2005	Average
CONCRETE/JERSEY BARRIER	41	60	23	16	22	30	32
TEMPORARY TRAFFIC SIGN OR BARRICADE	12	15	21	8	6	6	11
GAURDRAIL	6	15	6	16	9	8	10
CONSTRUCTION MATERIALS	3	10	7	7	11	19	10
MISCELLANEOUS OBJECT OR DEBRIS ON ROAD	6	7	5	5	1	5	5
CRASH CUSHION-IMPACT ATTENUATOR	4	3	2	4	5	7	4
WOOD SIGN POST	5	9	1	2	4	2	4
ROADWAY DITCH	1	4	2	6	3	6	4
BRIDGE RAIL	4	5	3	3	2	5	4
FENCE	6	3	3	5	1	1	3
OTHER OBJECTS	3	1	5	3	4	2	3
EARTH BANK OR LEDGE	4	4	9	0	1	0	3
CURB, RAISED TRAFFIC ISLAND OR RAISED MEDIAN CURB	1	2	4	1	1	6	3
TREE OR STUMP (STATIONARY)	2	3	6	1	0	1	2
RETAINING WALL (CONCRETE, ROCK, BRICK, ETC.)	0	4	3	2	0	1	2
OVER EMBANKMENT-NO GUARDRAIL PRESENT	1	2	3	0	3	0	2
ROCK BANK OR LEDGE	2	2	1	2	2	0	2
STREET LIGHT POLE OR BASE	1	4	1	0	0	2	1
METAL SIGN POST	1	2	2	0	2	0	1
UTILITY POLE OR BOX	0	2	1	0	0	2	1
UNDERSIDE OF BRIDGE	0	2	0	0	1	1	1
MANHOLE COVER	1	0	1	1	0	0	1
FIRE HYDRANT	0	1	1	0	0	1	1
BUILDING	1	0	0	0	0	1	0
CULVERT AND/OR OTHER APPURTENANCE IN DITCH	1	1	0	0	0	0	0
CLOSED TOLL GATE	1	0	0	0	1	0	0
BRIDGE COLUMN, PIER OR PILLAR	0	0	0	0	1	0	0
SNOW BANK	0	1	0	0	0	0	0
BRIDGE ABUTMENT	0	0	1	0	0	0	0
TRAFFIC SIGNAL POLE OR BOX	0	0	1	0	0	0	0

Striking a concrete or jersey barrier is the most common object struck within work zones, accounting for an average of 29% of the collisions since 2000. However, the actual number of collisions involving these types of barriers has declined 27% during this same period.

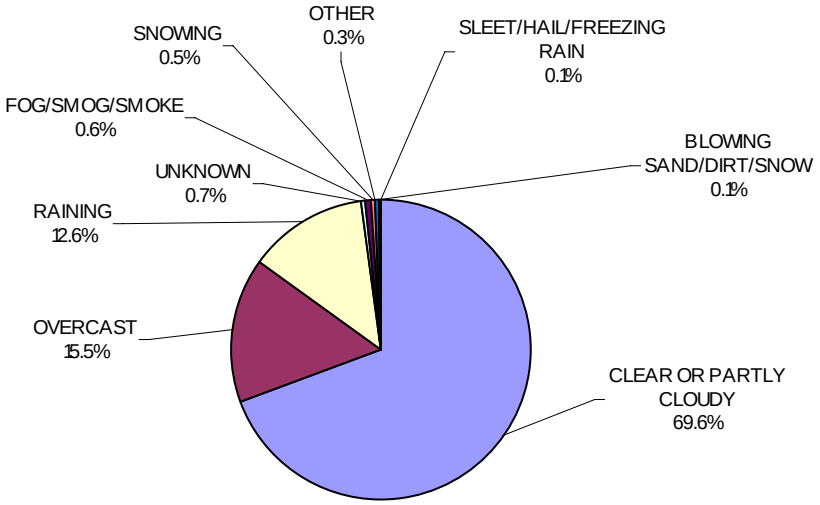
Many of the objects struck are associated with construction operations, such as temporary traffic sign or barricades, construction materials and crash cushion-impact attenuators.

Average of Leading Work Zone Objects Struck 2000-2005



Work Zone Collisions by Weather Conditions

	2000	2001	2002	2003	2004	2005	Average
CLEAR OR PARTLY CLOUDY	721	771	752	540	438	712	656
OVERCAST	142	176	177	112	103	164	146
RAINING	126	188	123	91	68	119	119
UNKNOWN	5	10	8	3	8	4	6
FOG/SMOG/SMOKE	7	6	4	6	6	7	6
SNOWING	10	7	8	1	2	2	5
OTHER	1	2	7	3	1	5	3
BLOWING SAND/DIRT/SNOW	3	1	0	0	2	0	1
SLEET/HAIL/FREEZING RAIN	1	1	1	0	0	0	1

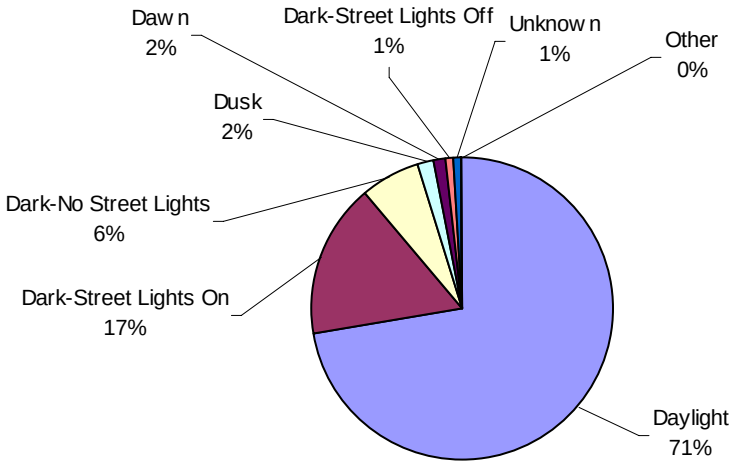


Average of Work Zone Collisions by Weather Conditions 2000-2005

Most work zone collisions occur in clear or partly cloudy weather conditions. The trend for the three major types of weather conditions: clear or partly cloudy, overcast and raining are fairly consistent over the years.

Work Zone Collisions by Light Conditions

	2000	2001	2002	2003	2004	2005	Average
DAYLIGHT	747	839	811	540	446	708	682
DARK-STREET LIGHTS ON	156	191	168	132	114	181	157
DARK-NO STREET LIGHTS	60	81	59	50	40	66	59
DUSK	22	13	15	8	8	24	15
DAWN	17	19	15	13	8	17	15
DARK-STREET LIGHTS OFF	11	11	7	4	5	7	8
UNKNOWN	3	8	4	6	5	9	6
OTHER	0	0	1	3	2	1	1

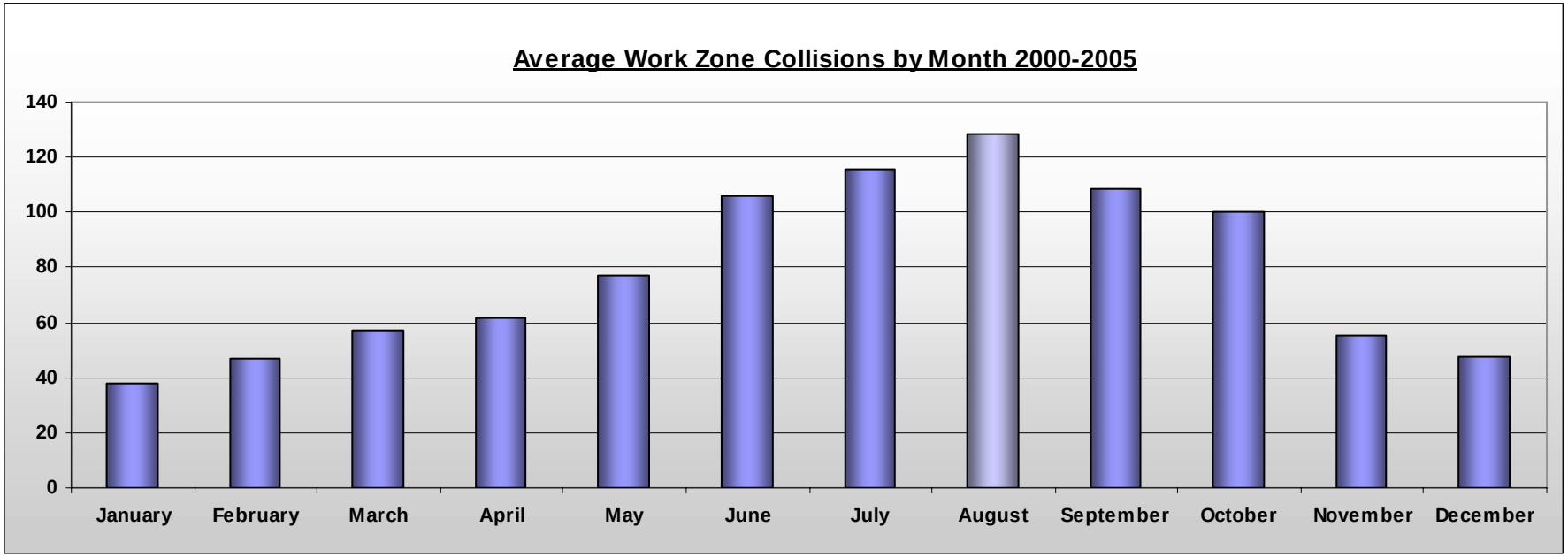


Average of Work Zone Collisions by Light Conditions 2000-2005

A majority of collisions occurred during daylight conditions. The trend for the two major types of light conditions, daylight and dark with street lights on, are fairly consistent over the years.

Work Zone Collisions by Month

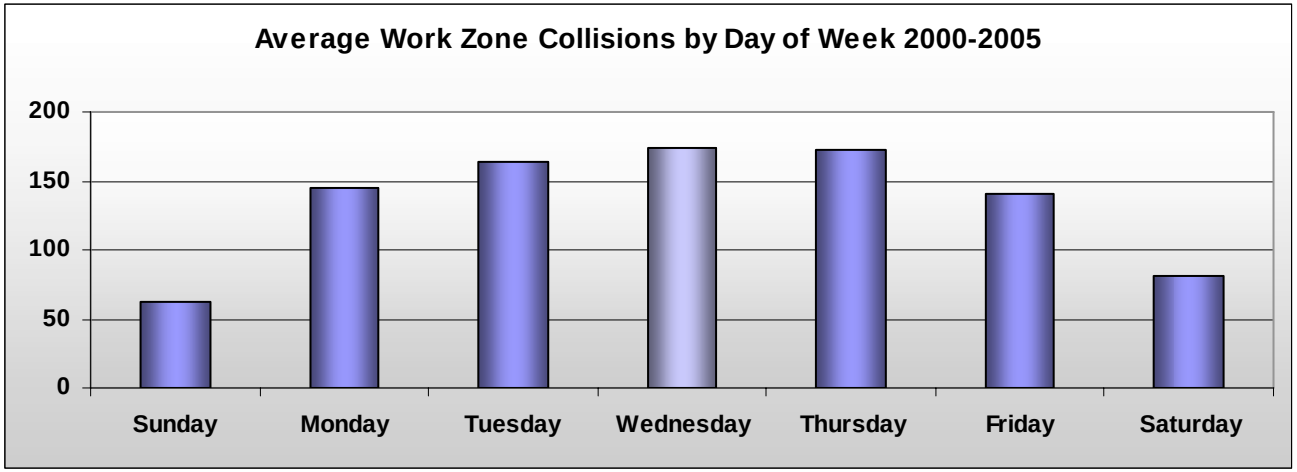
	2000	2001	2002	2003	2004	2005	Average
January	52	58	47	18	24	27	38
February	56	52	75	28	27	43	47
March	69	75	61	39	52	46	57
April	47	89	81	40	55	57	62
May	64	106	92	62	57	83	77
June	94	131	118	95	81	116	106
July	114	151	130	125	64	110	116
August	171	145	143	98	85	130	129
September	142	107	129	90	53	130	109
October	122	123	98	86	62	110	100
November	55	67	65	30	38	78	56
December	30	58	41	45	30	83	48



On average, work zone collisions increase steadily from spring through the summer months, before declining in fall and winter. This reflects the cycle when most work zone activity is occurring. August typically experiences the highest number of work zone collisions. However, the actual number of collisions occurring in this month has decreased by 24% since 2000.

Work Zone Collisions by Day of Week

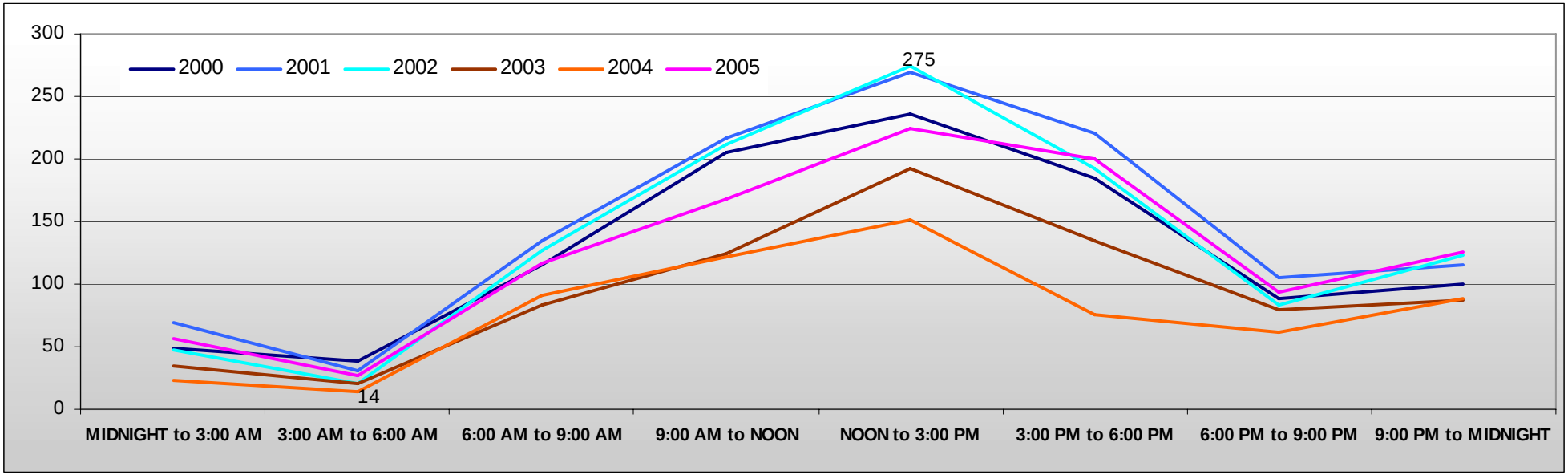
	2000	2001	2002	2003	2004	2005	Average
Sunday	50	75	65	69	36	77	62
Monday	166	167	169	116	106	149	146
Tuesday	179	215	210	114	113	155	164
Wednesday	193	222	202	132	112	186	175
Thursday	184	227	196	131	118	183	173
Friday	153	170	162	114	96	152	141
Saturday	91	86	76	80	47	111	82



On average, 54% of work zone collisions occur Tuesday through Thursday.

Work Zone Collisions by Hour

	2000	2001	2002	2003	2004	2005
MIDNIGHT to 3:00 AM	49	69	47	35	23	56
3:00 AM to 6:00 AM	39	31	21	21	14	27
6:00 AM to 9:00 AM	115	134	127	83	91	117
9:00 AM to NOON	205	217	212	124	122	168
NOON to 3:00 PM	236	269	275	192	151	225
3:00 PM to 6:00 PM	184	221	192	134	76	200
6:00 PM to 9:00 PM	88	105	83	80	62	94
9:00 PM to MIDNIGHT	100	116	123	87	89	126



On average, the period from Noon to 3:00 PM experiences the most work zone collisions, while the period from 3:00 AM to 6:00 AM has the fewest.

Work Zone Collisions by City

	2000	2001	2002	2003	2004	2005	Total
NA	364	387	341	242	234	271	1,839
Tacoma	63	102	74	25	23	80	367
Seattle	41	79	74	29	19	84	326
Spokane Valley	104	30	12	33	52	57	288
Kent	16	68	68	17	13	52	234
Federal Way	5	24	67	20	28	83	227
Vancouver	37	66	34	9	14	9	169
Bellevue	19	18	29	29	48	13	156
Lynnwood	4	43	37	31	6	3	124
Everett	13	11	34	11	10	44	123
Spokane	25	23	11	6	0	37	102
Richland	9	14	1	14	21	42	101
Bellingham	21	13	11	41	12	1	99
Bothell	30	18	25	3	4	2	82
Redmond	14	13	4	13	9	18	71
Shoreline	1	7	15	17	2	27	69
SeaTac	2	13	21	8	5	17	66
Tukwila	4	14	14	21	7	5	65
Mukilteo	1	4	8	22	13	2	50
Mill Creek	3	3	6	19	14	3	48
Renton	15	13	12	2	1	3	46
Bremerton	7	7	8	6	9	7	44
Issaquah	2	11	16	5	9	0	43
Auburn	2	13	6	2	5	14	42
Edmonds	32	3	2	2	0	2	41
Lacey	11	10	12	5	0	3	41
Lakewood	24	6	4	3	1	2	40
Kennewick	27	3	9	0	1	0	40
Aberdeen	5	3	3	5	5	18	39
Mount Vernon	6	15	1	2	7	6	37
Des Moines	3	2	2	6	11	10	34
Kirkland	2	3	9	2	1	7	24
Puyallup	2	3	4	8	2	2	21
Yakima	1	0	7	0	1	11	20
Centralia	5	6	7	1	1	0	20
Marysville	6	4	3	1	3	2	19
Fife	0	3	2	12	0	1	18
Chehalis	11	4	0	1	0	0	16
Pasco	3	1	3	3	0	5	15
Burlington	2	6	0	6	0	0	14
Arlington	1	1	3	0	3	5	13
Milton	2	1	2	4	0	4	13
Moses Lake	1	10	0	0	2	0	13
Port Angeles	3	4	1	1	2	2	13
Tumwater	3	3	1	3	1	1	12
Longview	3	4	4	0	0	1	12
Wenatchee	2	0	2	2	2	4	12
Monroe	1	6	3	0	0	2	12
Pullman	3	1	2	1	1	3	11
Battle Ground	1	0	0	8	2	0	11
Walla Walla	3	2	0	6	0	0	11
Olympia	5	3	2	0	1	0	11
Kelso	4	2	1	1	1	1	10
Mountlake Terrace	0	1	0	6	1	2	10

	2000	2001	2002	2003	2004	2005	Total
Sumner	1	2	1	5	1	0	10
Maple Valley	2	3	3	1	0	0	9
Yelm	0	1	8	0	0	0	9
Lake Forest Park	1	5	0	0	0	3	9
Snohomish	0	1	0	2	4	1	8
Anacortes	3	1	0	1	1	2	8
Camas	0	1	5	0	1	0	7
Algona	2	5	0	0	0	0	7
Colville	1	1	3	2	0	0	7
Liberty Lake	0	0	3	2	0	2	7
Covington	0	0	4	2	1	0	7
Gig Harbor	3	3	0	0	0	1	7
Ridgefield	0	1	0	2	0	4	7
Lake Stevens	0	0	0	0	1	5	6
Enumclaw	2	1	0	0	0	3	6
Lynden	0	2	0	4	0	0	6
Bainbridge Island	0	0	1	2	0	3	6
Kenmore	1	3	1	0	0	0	5
Toppenish	5	0	0	0	0	0	5
Ferndale	4	0	0	0	0	1	5
Medina	0	0	4	0	0	0	4
Port Townsend	1	3	0	0	0	0	4
Hoquiam	0	2	0	0	1	1	4
Pacific	1	1	0	2	0	0	4
Port Orchard	0	1	1	2	0	0	4
Oak Harbor	0	1	2	0	1	0	4
Woodland	0	2	0	1	0	1	4
Mercer Island	1	2	1	0	0	0	4
Poulsbo	0	0	1	1	0	2	4
Black Diamond	0	0	2	0	0	1	3
Bonney Lake	0	0	1	0	1	1	3
Normandy Park	0	1	1	0	0	1	3
Ellensburg	2	1	0	0	0	0	3
Edgewood	0	0	1	0	0	2	3
Burien	0	0	1	1	1	0	3
Chelan	0	1	0	0	2	0	3
North Bend	1	0	0	1	1	0	3
Twisp	1	0	1	1	0	0	3
Clarkston	1	0	2	0	0	0	3
Entiat	0	0	1	0	1	0	2
Tenino	0	1	1	0	0	0	2
Sedro-Woolley	0	0	1	0	1	0	2
Selah	0	0	0	0	0	2	2
Woodinville	1	0	0	1	0	0	2
Sammamish	0	0	2	0	0	0	2
Elma	0	0	1	1	0	0	2
Riverside	0	2	0	0	0	0	2
Orting	1	0	0	1	0	0	2
Cosmopolis	0	0	1	0	1	0	2
Shelton	1	0	1	0	0	0	2
Blaine	0	1	1	0	0	0	2
West Richland	0	0	0	1	0	1	2
Sultan	0	0	1	0	0	1	2
Forks	0	1	0	0	0	0	1

	2000	2001	2002	2003	2004	2005	Total
Palouse	1	0	0	0	0	0	1
McCleary	0	1	0	0	0	0	1
Wapato	1	0	0	0	0	0	1
Duvall	0	1	0	0	0	0	1
Othello	0	1	0	0	0	0	1
Cle Elum	0	1	0	0	0	0	1
Westport	1	0	0	0	0	0	1
Benton City	0	0	0	0	0	1	1
Newport	0	0	0	0	0	1	1
Everson	0	0	0	0	0	1	1
Chewelah	0	0	0	0	0	1	1
Cheney	0	1	0	0	0	0	1
Winthrop	0	1	0	0	0	0	1
Gold Bar	0	1	0	0	0	0	1
White Salmon	0	0	0	0	1	0	1
Napavine	0	1	0	0	0	0	1
Okanogan	0	0	0	0	0	1	1
Omak	0	0	1	0	0	0	1
Electric City	0	0	0	0	0	1	1
Raymond	0	0	0	0	0	1	1
College Place	1	0	0	0	0	0	1
Warden	0	0	1	0	0	0	1
Long Beach	0	0	0	1	0	0	1
Brewster	0	0	1	0	0	0	1
Grandview	0	0	0	0	1	0	1
Ephrata	1	0	0	0	0	0	1
East Wenatchee	1	0	0	0	0	0	1
St. John	0	0	1	0	0	0	1
Coupeville	0	0	1	0	0	0	1
Bingen	0	0	0	1	0	0	1
Castle Rock	0	0	0	1	0	0	1
Colfax	0	0	0	1	0	0	1
Quincy	0	0	1	0	0	0	1
Carnation	0	0	0	1	0	0	1
Sequim	0	0	0	1	0	0	1

Work Zone Collisions by County

	2000	2001	2002	2003	2004	2005	Total
King	152	337	403	205	199	371	1,667
Snohomish	181	180	182	160	93	96	892
Pierce	123	152	103	73	61	156	668
Spokane	151	57	47	57	67	109	488
Clark	86	122	84	34	34	50	410
Kitsap	14	36	45	17	18	29	159
Benton	38	18	14	16	25	44	155
Thurston	33	38	48	13	6	8	146
Whatcom	35	20	16	47	17	8	143
Skagit	12	37	6	18	14	23	110
Grays Harbor	25	15	10	13	14	22	99
Lewis	31	20	14	7	3	1	76
Cowlitz	12	15	10	16	5	12	70
Yakima	25	6	14	0	6	16	67
Kittitas	14	12	7	3	17	3	56
Walla Walla	7	2	10	14	6	9	48
Grant	6	14	7	9	5	1	42
Douglas	14	5	0	10	4	2	35
Clallam	4	8	4	6	9	4	35
Chelan	4	4	9	4	6	6	33
Mason	11	8	8	2	0	1	30
Okanogan	4	10	7	3	0	6	30
Whitman	11	2	4	5	1	6	29
Stevens	1	3	6	8	1	9	28
Jefferson	7	8	0	1	4	7	27
Island	2	4	7	3	2	2	20
Adams	4	10	1	1	3	0	19
Franklin	4	2	4	3	0	5	18
Klickitat	2	4	2	3	2	2	15
Pacific	1	1	3	1	1	2	9
Lincoln	0	3	0	0	4	0	7
Pend Oreille	0	3	2	0	0	1	6
Asotin	1	1	3	1	0	0	6
Skamania	1	2	0	0	0	1	4
Ferry	0	2	0	0	0	1	3
Columbia	0	0	0	2	0	0	2
Wahkiakum	0	1	0	0	1	0	2
Garfield	0	0	0	1	0	0	1
Total	1,016	1,162	1,080	756	628	1,013	5,655

Glossary of Terms

Accident Rate: Number of reportable collisions for a specified segment of public roadway per 1 million vehicle miles of travel, unless otherwise stated.

Alcohol Involved Collision: Collision in which a motor vehicle driver, pedestrian or pedalcyclist is listed on the collision report by a law enforcement officer as having been drinking alcoholic beverages before the collision.

Alcohol Involved Ability Impaired Collision: Collision in which the condition and behavior of a motor vehicle driver, pedestrian or pedalcyclist at the time of the collision was influenced by drinking alcoholic beverages before the collision.

Collision: An unintended event that causes a death, injury or property damage and involves at least one motor vehicle or pedalcyclist on a public roadway. See 'Reportable Collision'.

Contributing Circumstance: An element or driving action that, in the reporting officer's opinion, best describes the main cause of the collision. First, second and third contributing causes are collected for each motor vehicle driver, pedalcyclist and pedestrian involved in the collision.

Disabling Injury: Any injury other than a fatal injury that prevents the injured person from walking, driving, or normally continuing the activities the person was capable of performing before the injury occurred.

Disabling Injury Collision: Any collision in which the most severe level of injury sustained by the person(s) involved is a disabling injury.

Driver (operator): A person who is in actual physical control of a motor vehicle on a public roadway.

Evident Injury: A non-disabling injury sustained by a person involved in the collision, such as: *broken fingers or toes, abrasions, contusions, etc.*

Evident Injury Collision: Any collision in which the most severe level of injury sustained by the person(s) involved is an evident injury.

Fatal Collision: Any collision that results in the death of one or more persons due to injuries received from the collision within 30 days of the collision.

Fatal Injury: An injury sustained by a person involved in the collision that results in the death of that person within 30 days of the collision.

Fatality: A person who died within 30 days of a collision as a result of injuries sustained in the collision.

Fatal Accident Rate: Number of reportable fatal collisions for a specified segment of public roadway per 100 million vehicle miles of travel, unless otherwise stated.

Fatality Rate: Number of deaths resulting from reportable collisions for a specified segment of public roadway per 100 million vehicle miles of travel, unless otherwise stated.

Fixed Object: Stationary structure or substantial vegetation attached to the terrain.

Functional Class: Classification of types of state highways. In order of priority they are: Interstate, Principal Arterial, Minor Arterial, Collector (further broken down by urban and rural).

Injury: Bodily harm to a person as a result of a motor collision. Refer to:

- Fatal Injury
- Disabling Injury
- Evident Injury
- Possible Injury

Licensed Driver: A person who is licensed by any state, province or other governmental entity to operate a motor vehicle on public roadways.

Motor Vehicle: Any motorized device in, upon or by which any person or property is or may be transported or drawn upon a public roadway, excepting devices used exclusively upon stationary rails or tracks. This includes every motorized vehicle that is self-propelled or propelled by electric power (excluding motorized wheel-chairs), including that obtained from overhead trolley wires but not operated on rails.

Most Severe Injury of Collision: (**MSVJ**): a category given to an individual collision based on the most severe level of injury sustained in the collision:

- Fatal Injury
- Disabling Injury
- Evident Injury
- Possible Injury
- Property Damage Only (no injury)

No Injury Collision: Any collision in which none of the persons involved sustained any bodily harm due to the collision.

Non-Motorist on a Personal Conveyance: A personal conveyance is (1) a human-powered, non-motorized device not propelled by pedaling, or (2) such devices even when motorized. Includes ride able toys (roller skates, inline skates, skateboards, skates, baby carriages, scooters, toy wagons,), motorized ride able toys (motorized skateboard, motorized scooter, motorized toy car), devices for personal mobility assistance (segway-style devices, motorized and non-motorized wheelchairs, handicapped scooters).

Exclusions: Golf carts, low speed vehicles (LSV), go carts, and mini-bikes are excluded because they are motor vehicles.

Other Pedestrian: Flagger, Roadway Worker, Emergency Response Personnel, a person in a Home or place of Business (vehicle enters home or business striking a person), an Officer on foot pursuit, a person afoot fleeing pursuit, etc.).

Passenger: A person who is the occupant of a vehicle other than the driver.

Pedalcycle: Every vehicle propelled exclusively by human power upon which any person may ride, including unicycles, bicycles and tricycles. This does not include scooters and similar devices.

Pedalcyclist: Any Person operating or riding upon a pedalcycle.

Pedestrian: Any person afoot, or any Non-Motorist on a Personal Conveyance (See Non-Motorist on a Personal Conveyance).

Possible Injury: Any injury reported to the officer or claimed by an individual involved in a collision such as: *momentary unconsciousness, claim of injuries not evident, limping, complaint of pain, nausea, hysteria, etc.*

Possible Injury Collision: Any collision in which the most severe level of injury sustained by the person(s) involved is a possible injury.

Property Damage Only Collision: Any collision in which there was damage to property, but no injuries or fatalities to people.

Reportable Collision: An unintended event on a public roadway involving at least one motor vehicle or pedalcyclist, consisting of at least $700 worth of damage to any one person's property, or else injury or death to any person involved in the collision.

Restraint: A device such as a seat belt, shoulder belt, or child seat used to hold the occupant of a motor vehicle in the seat at all times while the vehicle is in motion.

Rural: All areas, incorporated and unincorporated, with a population of less than 5,000.

Urban: Any incorporated area with a population of over 5,000.

Vehicle Miles Traveled (VMT): the number of miles traveled annually by motor vehicles in the state of Washington (this figure is formulated by the Transportation Data Office of WSDOT).

Work Zone: Any activity involving construction, maintenance or utility work on or in the immediate vicinity of a public roadway. A work zone may be active (workers present) or inactive (workers not present).

Work Zone Collision: A collision that occurred in a work zone or within the immediate vicinity of a work zone. In the case of a divided roadway, the immediate vicinity includes the opposing lanes of traffic. The work activity need not necessarily have contributed to the collision. In addition a collision may also be considered as related to work zone activity if it occurs as a result of slowing or stoppage of traffic due to work zone activity ahead of the immediate collision site.

Americans with Disabilities Act (ADA) Information Persons with disabilities may request this information be prepared and supplied in alternate formats by calling the Washington State Department of Transportation at (360) 705-7097. Persons who are deaf or hard of hearing may call access Washington State Telecommunications Relay Service by dialing 7-1-1 and asking to be connected to (360) 705-7097.