

Safety Data and the Transportation Data Office

Collision Data and Regional Transportation Planning Organizations

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Spokane, Washington

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**Washington State
Department of Transportation**

Data Elements

What types of data are available?

Collision Level	Urban/Rural, State and Federal Functional Class, Collision Type and Object(s) Struck, Roadway Type and Surface Conditions, Weather and Light Conditions, Work Zone Status
Vehicle Level	Traffic Control, Vehicle Type, Vehicle Action, Direction of Movement
Property Owner Level	Property Owner, Hazardous Material, and Citation Information
Driver Level	Sobriety, Restraint Usage, Injury Class, Age/Gender, Driver Miscellaneous Actions, Contributing Circumstances
Passenger Level	Airbag and Restraint Information, Injury Class, Age and Gender
Pedestrian Level	Clothing Visibility, Action, Injury Class, Contributing Circumstance, Status (on foot, roadway worker, etc.)
Pedalcyclist Level	Pedalcyclist Was Using (sidewalk, roadway, shoulder, etc.), Action, Clothing Visibility, Helmet Usage, Injury Class
Pedalcyclist Passenger Level	Helmet Usage, Injury Class, Age/Gender
Commercial Carrier Level	Interstate/Intrastate, Commercial Carrier Configuration and Cargo Body Type, Hazardous Material Information
City Location Level	County and City Numbers, Primary and Intersecting or Secondary Reference Traffic way, Junction Information (Intersection, Non-Intersection, Related/Not Related, etc.)
County Location Level	County Number, Junction Information <i>Road Log Number and Milepost, Ahead/Back Indicator, Intersecting Road Information (provided by county)</i>
Other Traffic way Level	County and City Numbers, Primary and Secondary Traffic ways, Junction Information, Roadway Type (Forest Service Road, Logging Road, Federal Road, etc.)
State Route Location Level	State Route Number, Milepost, Related Roadway Type (RRT) and Related Roadway Qualifier (RRQ) used for interchange identification, Compass Direction, Vehicle Movement, Collision Type, Impact Location, County and City Numbers, etc.

Data Elements

How much data is available?

Collision Data	Years Available
City Streets	2001-Forward
County Roads	2001-Forward
State Highways	1999-Forward

Total Collisions

Puget Sound Regional Council 2002-2005 Total Collisions

YEAR	COLLISIONS							FATALITIES / INJURIES					POPULATION	FATALITIES PER 10,000 POP	VEHICLE MILES TRAVELED (VMT)	FATALITY RATE PER 100 MILLION VMT	FATALITY & DISABLING INJ RATE PER 100 MILLION VMT
	TOTAL COLLISIONS	FATAL COLLISIONS	DISABLING INJURY COLLISIONS	EVIDENT INJURY COLLISIONS	POSSIBLE INJURY COLLISIONS	TOTAL INJURY COLLISIONS	PROPERTY DAMAGE ONLY COLLISIONS	FATALITIES	DISABLING INJ	EVIDENT INJ	POSSIBLE INJ	TOTAL INJ					
PUGET SOUND REGIONAL COUNCIL																	
2002	78,008	238	1,347	7,424	19,966	28,757	49,013	259	1,573	9,151	30,302	41,026	3,127,310	0.83	27,451,374,796	0.94	6.67
2003	77,713	221	1,241	6,573	18,559	26,373	51,119	242	1,455	8,067	27,560	37,062	3,150,500	0.77	27,498,186,118	0.88	6.17
2004	77,189	218	1,218	6,559	18,858	26,635	50,336	238	1,470	8,158	28,091	37,719	3,177,100	0.75	27,469,901,157	0.67	6.22
2005	84,194	247	1,286	6,958	20,327	28,571	55,376	266	1,501	8,422	30,214	40,137	3,220,000	0.83	27,595,147,503	0.96	6.40
KING COUNTY																	
2002	45,101	102	761	4,110	11,182	16,053	28,946	112	896	4,947	16,653	22,496	1,774,312	0.63	16,185,884,105	0.69	6.23
2003	44,448	104	715	3,556	10,316	14,598	29,746	112	843	4,290	15,096	20,229	1,779,300	0.63	16,186,875,262	0.69	5.90
2004	43,756	105	658	3,631	10,404	14,693	28,958	119	789	4,478	15,341	20,608	1,788,300	0.67	16,317,249,730	0.73	5.56
2005	47,653	125	666	3,767	11,225	15,658	31,870	135	776	4,541	16,445	21,762	1,808,300	0.75	16,362,620,806	0.83	5.57
KITSAP COUNTY																	
2002	4,102	13	91	493	985	1,549	2,540	15	105	602	1,508	2,216	234,700	0.64	1,555,305,000	0.96	7.78
2003	3,930	12	98	454	842	1,394	2,524	13	116	564	1,313	1,993	237,000	0.55	1,581,040,581	0.82	8.16
2004	3,930	20	94	416	873	1,383	2,527	21	110	534	1,316	1,960	239,500	0.88	1,602,415,485	1.31	8.18
2005	4,051	22	81	454	904	1,439	2,590	22	98	541	1,366	2,005	240,400	0.92	1,590,790,820	1.38	7.54
PIERCE COUNTY																	
2002	15,872	64	285	1,575	4,450	6,310	9,498	71	330	2,016	6,957	9,303	724,998	0.98	6,033,832,479	1.18	6.65
2003	16,365	61	251	1,499	4,302	6,052	10,252	67	293	1,906	6,532	8,731	733,700	0.91	6,090,674,606	1.10	5.91
2004	16,047	62	268	1,358	4,374	6,000	9,985	66	333	1,696	6,718	8,747	744,000	0.89	5,977,092,600	1.10	6.68
2005	17,806	48	282	1,522	4,795	6,599	11,159	52	337	1,842	7,341	9,520	755,900	0.69	6,009,623,482	0.87	6.47
SNOHOMISH COUNTY																	
2002	12,933	59	210	1,246	3,389	4,845	8,029	61	241	1,586	5,184	7,011	628,000	0.97	5,231,658,212	1.17	5.77
2003	12,970	44	176	1,054	3,099	4,329	8,597	50	203	1,307	4,619	6,129	637,500	0.78	5,220,636,250	0.96	4.85
2004	13,456	31	198	1,154	3,207	4,559	8,866	32	238	1,450	4,716	6,404	644,800	0.50	5,175,558,827	0.62	5.22
2005	14,684	52	257	1,215	3,403	4,875	9,757	57	290	1,498	5,062	6,850	655,800	0.87	5,222,903,215	1.09	6.64



Prepared by: Angela M. Davis
WSDOT/Strategic Planning and Programming
Transportation Data Office/Collision Data and Analysis Branch

In 2005, Kitsap County had the highest fatality rate per 10,000 people at .92 and the highest fatality rate per 100 million vehicle miles traveled at 1.38.

UNDER 23 UNITED STATES CODE – SECTION 456, THIS DATA CANNOT BE USED IN DISCOVERY OR AS EVIDENCE AT TRIAL IN ANY ACTION FOR DAMAGES AGAINST THE WSDOT, OR ANY JURISDICTIONS INVOLVED IN THE DATA.

Total Collisions

Puget Sound Regional Council 2002-2005 Total Collisions

YEAR	COLLISIONS					FATALITIES / INJURIES					POPULATION	FATALITIES PER 10,000 POP	VEHICLE MILES TRAVELED (VMT)	FATALITY RATE PER 100 MILLION VMT	FATALITY & DISABLING INJURY RATE PER 100 MILLION VMT	
	TOTAL COLLISIONS	FATAL COLLISIONS	DISABLING INJURY COLLISIONS	EVIDENT INJURY COLLISIONS	What were the types of collisions? Are they single or multi-vehicle collisions? Are roadway geometrics or surface types and conditions playing a part in these collisions? Are they intersection related? What types of traffic control were used?	FATALITIES	DISABLING INJ	EVIDENT INJ	POSSIBLE INJ	TOTAL INJ						
PUGET SOUND REGIONAL COUNCIL																
2002	78,008	238	1,347	7,424		259	1,573	9,151	30,302	41,026	3,127,310	0.83	27,451,374,796	0.94	6.67	
2003	77,713	221				242	1,455	6,067	27,560	37,062	3,150,500	0.77	27,498,186,118	0.88	6.17	
2004	77,189	218	1,218			238	1,470	6,158	28,091	37,719	3,177,100	0.75	27,469,901,157	0.87	6.22	
2005	84,194	247	1,286			266	1,591	6,422	30,214	40,137	3,220,000	0.83	27,595,147,503	0.96	6.40	
KING COUNTY																
2002	45,101	102	761	4,110		112	896	4,953	15,553	22,496	1,774,340	0.63	16,185,884,105	0.69	6.23	
2003	44,448	104	716	3,566	10,316	112	843	4,290	13,229	18,229	1,774,340	0.63	16,186,875,262	0.69	5.90	
2004	43,756	105	658	3,631	10,404	119	789	4,478	13,229	18,229	1,774,340	0.63	16,186,875,262	0.73	5.56	
2005	47,653	125	666	3,767	11,225	135	776	4,541	16,441	22,496	1,774,340	0.63	16,186,875,262	0.83	5.57	
KITSAP COUNTY																
2002	4,102	13	91	493	965	15	105	602	1,508	2,228	100,000	0.95	1,000,000,000	0.95	7.78	
2003	3,930	12	98	454	842	13	116	564	1,313	1,990	100,000	0.62	1,000,000,000	0.62	8.16	
2004	3,930	20	94	416	873	21	110	534	1,316	1,990	100,000	1.31	1,000,000,000	1.31	8.16	
2005	4,051	22	81	454	904	22	98	541	1,365	1,990	100,000	1.38	1,000,000,000	1.38	7.54	
PIERCE COUNTY																
2002	15,872	64	285	1,575	4,450	71	330	2,016	6,957	9,304	744,000	0.89	5,977,092,600	1.18	6.65	
2003	16,365	61	251	1,499	4,302	67	293	1,906	6,532	8,731	744,000	0.89	5,977,092,600	1.10	5.91	
2004	16,047	62	268	1,358	4,374	66	333	1,696	6,718	8,747	744,000	0.89	5,977,092,600	1.10	6.68	
2005	17,806	48	282	1,522	4,795	52	337	1,842	7,341	9,520	755,900	0.69	6,009,623,482	0.87	6.47	
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2003	12,970	44	176	1,054	3,099	50	203	1,307	4,619	6,129	637,500	0.78	5,220,636,250	0.96	4.85	
2004	13,456	31	198	1,154	3,207	32	238	1,450	4,716	6,404	644,800	0.50	5,175,558,827	0.62	5.22	
2005	14,684	52	257	1,215	3,403	57	290	1,498	5,062	6,850	655,800	0.87	5,222,903,215	1.09	6.64	

Were restraints used?
What is the age group with the highest fatality rate? Why?
What are some of the behaviors possibly contributing to the fatalities and disabling injuries?



Motor Vehicle Driver Fatal/Disabling Injuries by Age Group

Puget Sound Regional Council Motor Vehicle Driver Fatal/Disabling Injuries by Age Group 2002-2005

Puget Sound Regional Council					
Driver Age	2002	2003	2004	2005	
16	27	23	11	18	
17	68	63	49	52	
18-20	250	251	213	213	
21-30	589	555	585	586	
31-40	506	436	441	449	
41-50	513	448	446	479	
51-60	310	259	271	312	
61-70	120	117	121	142	
71-80	71	74	64	65	
OVER 80	48	34	32	46	
Total	2,502	2,290	2,233	2,362	

King County					
Driver Age	2002	2003	2004	2005	
16	8	12	6	7	
17	36	35	22	26	
18-20	114	126	95	99	
21-30	335	316	322	318	
31-40	276	267	247	259	
41-50	285	255	224	243	
51-60	165	144	143	158	
61-70	56	61	69	71	
71-80	34	44	41	28	
OVER 80	22	16	19	22	
Total	1,331	1,266	1,188	1,231	

Kitsap County					
Driver Age	2002	2003	2004	2005	
16	3	3	1	0	
17	4	3	3	3	
18-20	22	28	22	16	
21-30	31	42	39	37	
31-40	27	25	20	30	
41-50	26	35	29	30	
51-60	28	28	18	26	
61-70	11	9	10	7	
71-80	5	4	4	3	
OVER 80	4	5	3	4	
Total	161	182	149	156	

Pierce County					
Driver Age	2002	2003	2004	2005	
16	8	7	3	3	
17	15	17	12	12	
18-20	70	59	62	45	
21-30	116	122	132	127	
31-40	133	82	102	80	
41-50	107	93	104	99	
51-60	67	59	66	65	
61-70	31	27	26	38	
71-80	18	14	12	18	
OVER 80	16	7	6	12	
Total	581	487	525	499	

Snohomish County					
Driver Age	2002	2003	2004	2005	
16	8	1	1	8	
17	13	8	12	11	
18-20	44	38	34	53	
21-30	107	75	92	104	
31-40	70	72	72	80	
41-50	95	65	89	107	
51-60	50	28	44	63	
61-70	22	20	16	26	
71-80	14	12	7	16	
OVER 80	6	6	4	8	
Total	429	325	371	476	

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Washington State Department of Transportation
Strategic Planning and Programming/Transportation Data Office
Collision Data and Analysis Branch

Motor Vehicle Driver Fatal/Disabling Injuries by Age Group per 10,000 Licensed Drivers

Puget Sound Regional Council Motor Vehicle Driver Fatal/Disabling Injuries by Age Group per 10,000 Licensed Drivers 2002-2005

Puget Sound Regional Council				
Driver Age	2002	2003	2004	2005
16	8.4	7.7	3.7	6.2
17	12.8	12.6	10.0	10.6
18-20	11.5	11.8	9.8	9.8
21-30	7.5	7.0	7.0	6.7
31-40	5.6	5.0	4.9	5.0
41-50	5.3	4.7	4.6	4.9
51-60	4.2	3.4	3.4	3.7
61-70	3.1	2.9	2.8	3.1
71-80	2.8	3.0	2.5	2.5
OVER 80	4.7	3.2	2.7	3.5

King County				
Driver Age	2002	2003	2004	2005
16	2.5	4.0	2.0	2.4
17	6.8	7.0	4.5	5.3
18-20	5.3	5.9	4.4	4.5
21-30	4.3	3.6	3.8	3.7
31-40	3.1	2.9	2.8	2.9
41-50	3.0	2.7	2.3	2.5
51-60	2.2	1.9	1.8	1.9
61-70	1.5	1.5	1.6	1.5
71-80	1.4	1.8	1.6	1.1
OVER 80	2.2	1.5	1.6	1.7

Kitsap County				
Driver Age	2002	2003	2004	2005
16	0.9	1.0	0.3	0.0
17	0.8	0.6	0.6	0.6
18-20	1.0	1.3	1.0	0.7
21-30	0.4	0.5	0.5	0.4
31-40	0.3	0.3	0.2	0.3
41-50	0.3	0.4	0.3	0.3
51-60	0.4	0.4	0.2	0.3
61-70	0.3	0.2	0.2	0.2
71-80	0.2	0.2	0.2	0.1
OVER 80	0.4	0.5	0.3	0.3

Pierce County				
Driver Age	2002	2003	2004	2005
16	2.5	2.3	1.0	1.0
17	2.8	3.4	2.4	2.4
18-20	3.2	2.8	2.9	2.1
21-30	1.5	1.5	1.6	1.5
31-40	1.5	0.9	1.1	0.9
41-50	1.1	1.0	1.1	1.0
51-60	0.9	0.8	0.8	0.8
61-70	0.8	0.7	0.6	0.8
71-80	0.7	0.6	0.5	0.7
OVER 80	1.6	0.7	0.5	0.9

Snohomish County				
Driver Age	2002	2003	2004	2005
16	2.5	0.3	0.3	2.8
17	2.5	1.6	2.4	2.2
18-20	2.0	1.8	1.6	2.4
21-30	1.4	1.0	1.1	1.2
31-40	0.8	0.8	0.8	0.9
41-50	1.0	0.7	0.9	1.1
51-60	0.7	0.4	0.6	0.8
61-70	0.6	0.5	0.4	0.6
71-80	0.6	0.5	0.3	0.6
OVER 80	0.6	0.6	0.3	0.6

Licensed Drivers in Washington State per 10,000				
Driver Age	2002	2003	2004	2005
16	3.2	3.0	3.0	2.9
17	5.3	5.0	4.9	4.9
18-20	21.7	21.3	21.7	21.8
21-30	78.7	78.9	84.0	86.9
31-40	89.8	87.7	89.3	90.0
41-50	96.3	96.2	97.8	98.4
51-60	73.4	76.2	79.6	83.4
61-70	38.4	40.5	43.4	46.1
71-80	26.0	25.0	25.7	26.5
OVER 80	10.2	10.5	11.7	13.0

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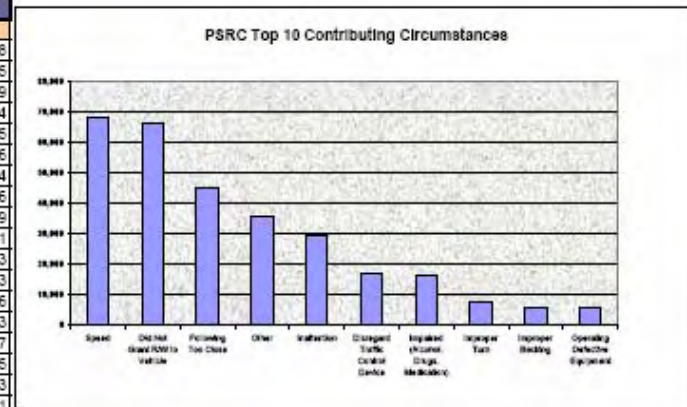
Contributing Circumstances

All Collisions



Puget Sound Regional Council Motor Vehicle Collision Contributing Circumstances 2002-2005

Puget Sound Regional Council					
Contributing Circumstance	2002	2003	2004	2005	Total
Did Not Grant R/W to Vehicle	17,213	16,533	16,104	16,718	66,568
Exceeding Reasonably Safe Speed	15,296	14,308	14,614	16,597	60,815
Following Too Close	12,800	10,410	10,660	11,089	44,959
Other	3,999	8,136	10,636	13,183	35,954
Inattention	7,783	7,951	6,848	6,943	29,525
Under influence of Alcohol	3,523	3,462	3,693	4,078	14,756
Disregard Stop and Go Light	3,005	2,668	2,723	2,928	11,324
Improper Turn	1,849	1,949	1,934	2,224	7,956
Exceeding Stated Speed Limit	1,935	1,892	1,765	1,907	7,499
Improper Backing	1,626	1,449	1,450	1,516	6,041
Operating Defective Equipment	1,642	1,321	1,286	1,374	5,623
Disregard Stop Sign - Flashing Red	1,331	1,291	1,261	1,380	5,263
Over Center Line	1,336	1,336	1,128	1,236	5,036
Fail to Yield R/W to Pedestrian	942	836	847	898	3,523
Improper Passing	990	875	900	872	3,637
Apparently Asleep	753	747	754	911	3,165
Improper U-Turn	584	545	532	622	2,283
Apparently Ill	437	319	365	380	1,471
Under influence of Drugs	333	345	356	425	1,459
Improper Parking Location	308	264	313	266	1,171
Disregard Yield Sign - Flashing Yellow	145	119	99	142	505
Apparently Fatigued	117	137	112	114	480
Failing to Signal	117	104	89	115	425
Headlight Violation	85	57	64	70	276
Had Taken Medication	82	64	61	61	268
Improper Signal	71	60	60	60	251
Disregard Flagger - Officer	38	32	21	34	125
Total	78,340	77,230	78,675	86,113	320,358



Speed	66,568
Did Not Grant R/W to Vehicle	66,568
Following Too Close	44,959
Other	35,954
Inattention	29,525
Disregard Traffic Control Device	17,213
Impaired (Alcohol, Drugs, Medication)	16,483
Improper Turn	7,956
Improper Backing	6,041
Operating Defective Equipment	5,623

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Washington State Department of Transportation
Strategic Planning and Programming/Transportation Data Office

Up to three contributing circumstances are possible per driver. It is important to remember that the attached listing does not represent the number of collisions, but rather lists the total number of contributing circumstances associated with all drivers.

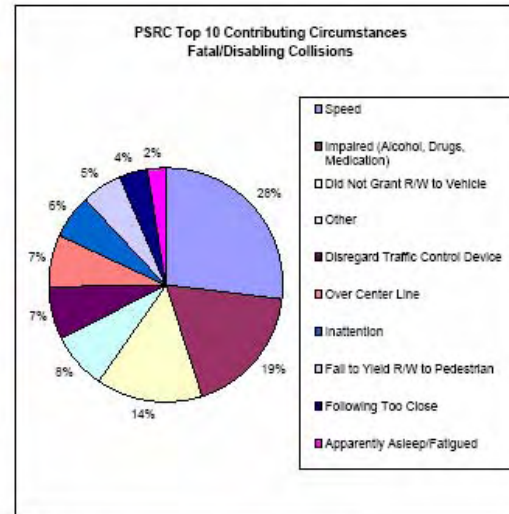
Contributing Circumstances

Fatal and Disabling Injury Collisions



Puget Sound Regional Council
 Contributing Circumstances for Fatal/Disabling Injury Motor Vehicle Collisions
 2002-2005

Contributing Circumstance	2002	2003	2004	2005	Total
Did Not Grant R/W to Vehicle	265	239	221	225	950
Exceeding Reasonably Safe Speed	333	264	250	279	1,126
Following Too Close	93	59	59	59	269
Other	60	96	172	187	515
Inattention	122	99	92	95	407
Under Influence of Alcohol	270	240	257	284	1,051
Disregard Stop and Go Light	70	60	67	69	266
Improper Turn	20	17	13	20	70
Exceeding Stated Speed Limit	162	178	152	157	639
Improper Backing	8	6	3	1	18
Operating Defective Equipment	48	31	29	23	131
Disregard Stop Sign - Flashing Red	47	52	49	53	201
Over Center Line	121	116	105	128	470
Fail to Yield R/W to Pedestrian	87	81	86	97	351
Improper Passing	32	29	27	37	125
Apparently Asleep	32	33	20	43	128
Improper U-Turn	17	12	12	10	51
Apparently Ill	33	17	33	24	107
Under Influence of Drugs	32	24	35	40	131
Improper Parking Location	6	3	2	3	14
Disregard Yield Sign - Flashing Yellow	3	2	2	1	8
Apparently Fatigued	6	7	7	8	28
Failing to Signal	2	1	0	1	4
Headlight Violation	7	5	10	3	25
Had Taken Medication	2	5	6	1	14
Improper Signal	0	1	2	0	3
Disregard Flagger - Officer	3	1	1	2	7
Total	1,871	1,677	1,711	1,850	7,109



Speed	1,765
Impaired (Alcohol, Drugs, Medication)	1,198
Did Not Grant R/W to Vehicle	950
Other	515
Disregard Traffic Control Device	482
Over Center Line	470
Inattention	407
Fail to Yield R/W to Pedestrian	351
Following Too Close	269
Apparently Asleep/Fatigued	156

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Contributing Circumstances

Total Collisions	Fatal/Disabling Injury Collisions
1) Speed	1) Speed
2) Did Not Grant R/W to Vehicle	2) Impairment
3) Following too Close	3) Did Not Grant R/W to Vehicle
4) Other	4) Other
5) Inattention	5) Disregard Traffic Control
6) Disregard Traffic Control	6) Over Center Line
7) Impairment	7) Inattention
8) Improper Turn	8) Fail to Yield R/W to Pedestrian
9) Improper Backing	9) Following too Close
10) Operating Defective Equipment	10) Apparently Asleep or Fatigued

Contributing Circumstances

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Total Collisions	Fatal/Disabling Injury Collisions
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Alcohol Related Fatalities and Injuries



Puget Sound Regional Council Alcohol Related Fatalities/Injuries 2002-2005

Puget Sound Regional Council		
	TOTAL FATALITIES / INJURIES	TOTAL ALCOHOL RELATED FATALITIES/INJURIES
FATALITIES	1,005	406
DISABLING INJURIES	5,999	1,324
EVIDENT INJURIES	33,798	4,675
POSSIBLE INJURIES	116,167	7,243
TOTAL	156,969	13,648

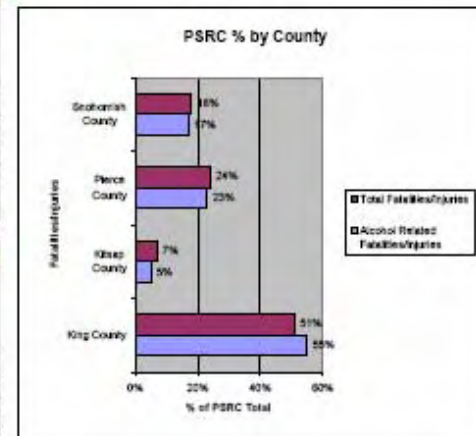
Alcohol related collisions include the following:

- Had Been Drinking – Ability Impaired
- Had Been Drinking – Ability Not Impaired
- Had Been Drinking – Sobriety Unknown

**While alcohol may be involved, it may not be a contributing factor in the collision.*

King County				
	TOTAL FATALITIES / INJURIES	% OF PSRC TOTAL FATALITIES/INJURIES	TOTAL ALCOHOL RELATED FATALITIES/INJURIES	% OF PSRC TOTAL ALCOHOL RELATED FATALITIES/INJURIES
FATALITIES	478	48%	192	47%
DISABLING INJURIES	3,304	55%	679	51%
EVIDENT INJURIES	18,256	54%	2,319	50%
POSSIBLE INJURIES	63,535	55%	3,769	52%
TOTAL	85,573	55%	6,959	51%

Kitsap County				
	TOTAL FATALITIES / INJURIES	% OF PSRC TOTAL FATALITIES/INJURIES	TOTAL ALCOHOL RELATED FATALITIES/INJURIES	% OF PSRC TOTAL ALCOHOL RELATED FATALITIES/INJURIES
FATALITIES	71	7%	27	7%
DISABLING INJURIES	430	7%	112	8%
EVIDENT INJURIES	2,241	7%	361	8%
POSSIBLE INJURIES	5,503	5%	411	6%
TOTAL	8,245	5%	911	7%



Alcohol Related/Non-Related Fatalities and Injuries by Year



Puget Sound Regional Council Alcohol Related/Non-Related Fatalities and Injuries by Year 2002-2005

	YEAR	FATALITIES	DISABLING INJURIES	EVIDENT INJURIES	POSSIBLE INJURIES	TOTAL INJURIES
Puget Sound Regional Council						
Alcohol Related	2002	108	336	1,271	1,786	3,393
Alcohol Related	2003	99	325	1,118	1,666	3,109
Alcohol Related	2004	95	327	1,131	1,789	3,247
Alcohol Related	2005	103	335	1,155	2,002	3,493
Total		405	1,324	4,675	7,243	13,242
Not Alcohol Related/Unknown	2002	151	1,237	7,880	28,516	37,633
Not Alcohol Related/Unknown	2003	143	1,130	6,949	25,894	33,973
Not Alcohol Related/Unknown	2004	142	1,143	7,027	26,302	34,472
Not Alcohol Related/Unknown	2005	163	1,165	7,267	28,212	36,644
Total		599	4,675	29,123	108,924	142,722
King County						
Alcohol Related	2002	43	182	618	933	1,733
Alcohol Related	2003	50	165	572	888	1,625
Alcohol Related	2004	50	172	564	888	1,624
Alcohol Related	2005	49	160	565	1,060	1,785
Total		192	679	2,319	3,769	6,767
Not Alcohol Related/Unknown	2002	69	714	4,329	15,720	20,763
Not Alcohol Related/Unknown	2003	62	678	3,718	14,208	18,604
Not Alcohol Related/Unknown	2004	69	617	3,914	14,453	18,984
Not Alcohol Related/Unknown	2005	85	616	3,976	15,385	19,977
Total		286	2,625	15,937	59,766	78,328
Kitsap County						
Alcohol Related	2002	4	26	115	127	268
Alcohol Related	2003	3	29	76	91	196
Alcohol Related	2004	8	31	82	106	219
Alcohol Related	2005	12	26	88	87	201
Total		27	112	361	411	884
Not Alcohol Related/Unknown	2002	11	80	487	1,381	1,948
Not Alcohol Related/Unknown	2003	10	87	486	1,222	1,797
Not Alcohol Related/Unknown	2004	13	79	452	1,210	1,741
Not Alcohol Related/Unknown	2005	10	72	453	1,279	1,804
Total		44	318	1,880	5,092	5,342

	YEAR	FATALITIES	DISABLING INJURIES	EVIDENT INJURIES	POSSIBLE INJURIES	TOTAL INJURIES
Pierce County						
Alcohol Related	2002	34	68	298	412	778
Alcohol Related	2003	26	79	277	394	750
Alcohol Related	2004	27	78	264	454	796
Alcohol Related	2005	25	87	293	491	871
Total		112	312	1,132	1,751	3,195
Not Alcohol Related/Unknown	2002	37	262	1,718	6,545	8,525
Not Alcohol Related/Unknown	2003	41	214	1,629	6,138	7,961
Not Alcohol Related/Unknown	2004	39	255	1,432	6,264	7,951
Not Alcohol Related/Unknown	2005	27	250	1,549	6,850	8,649
Total		144	981	6,328	25,797	33,106
Snohomish County						
Alcohol Related	2002	27	60	240	314	614
Alcohol Related	2003	20	52	193	293	538
Alcohol Related	2004	11	46	221	341	608
Alcohol Related	2005	17	63	209	364	636
Total		75	221	863	1,312	2,396
Not Alcohol Related/Unknown	2002	34	181	1,346	4,870	6,397
Not Alcohol Related/Unknown	2003	30	151	1,114	4,326	5,591
Not Alcohol Related/Unknown	2004	21	192	1,229	4,375	5,796
Not Alcohol Related/Unknown	2005	40	227	1,289	4,698	6,214
Total		125	751	4,978	18,269	23,998

Alcohol related collisions include the following:

Had Been Drinking – Ability Impaired

Had Been Drinking – Ability Not Impaired

Had Been Drinking – Sobriety Unknown

*While alcohol may be involved, it may not be a contributing factor in the collision.

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Pedestrians

Puget Sound Regional Council 2002-2005 Pedestrian Collisions

YEAR	COLLISIONS							FATALITIES / INJURIES				
	TOTAL COLLISIONS	FATAL COLLISIONS	DISABLING INJURY COLLISIONS	EVIDENT INJURY COLLISIONS	POSSIBLE INJURY COLLISIONS	TOTAL INJURY COLLISIONS	PROPERTY DAMAGE ONLY COLLISIONS	FATALITIES	DISABLING INJ	EVIDENT INJ	POSSIBLE INJ	TOTAL INJ
PUGET SOUND REGIONAL COUNCIL												
2002	1,218	42	187	518	450	1,155	21	42	197	565	500	1,262
2003	1188	50	159	495	455	1,109	29	53	168	535	508	1,211
2004	1181	34	163	498	455	1,117	30	36	168	538	506	1,212
2005	1323	50	191	547	505	1,243	30	50	194	579	569	1,342
KING COUNTY												
2002	796	21	125	336	303	764	11	21	134	360	330	824
2003	781	25	104	325	309	738	18	26	110	348	344	802
2004	776	24	108	326	298	732	20	25	113	354	328	795
2005	847	22	114	353	333	800	25	22	114	369	370	853
KITSAP COUNTY												
2002	39	0	9	15	12	36	3	0	9	16	16	41
2003	45	1	9	19	16	44	1	1	9	21	18	48
2004	45	1	7	15	20	42	2	1	7	18	24	49
2005	47	1	6	20	19	45	1	1	6	20	20	46
PIERCE COUNTY												
2002	215	12	27	90	79	196	7	12	27	95	87	209
2003	213	16	27	89	75	191	6	17	29	97	86	212
2004	197	6	26	85	76	187	4	6	26	88	83	197
2005	215	14	36	83	80	199	2	14	37	85	95	217
SNOHOMISH COUNTY												
2002	168	9	26	77	56	159	0	9	27	94	67	168
2003	148	8	19	62	55	136	4	9	20	69	60	149
2004	163	3	22	72	62	156	4	4	22	78	71	171
2005	214	13	35	91	73	199	2	13	37	105	84	226

Total Pedestrian Fatal/Disabling Collisions			
Year	Fatal Collisions	Disabling Injury Collisions	Total
Puget Sound Regional Council			
2002	42	187	229
2003	50	159	209
2004	34	163	197
2005	50	191	241
King County			
2002	21	125	146
2003	25	104	129
2004	24	108	132
2005	22	114	136
Kitsap County			
2002	0	9	9
2003	1	9	10
2004	1	7	8
2005	1	6	7
Pierce County			
2002	12	27	39
2003	16	27	43
2004	6	26	32
2005	14	36	50
Snohomish County			
2002	9	26	35
2003	8	19	27
2004	3	22	25
2005	13	35	48



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Pedalcyclists

Puget Sound Regional Council 2002-2005 Pedalcyclist Collisions

YEAR	COLLISIONS							FATALITIES / INJURIES				
	TOTAL COLLISIONS	FATAL COLLISIONS	DISABLING INJURY COLLISIONS	EVIDENT INJURY COLLISIONS	POSSIBLE INJURY COLLISIONS	TOTAL INJURY COLLISIONS	PROPERTY DAMAGE ONLY COLLISIONS	FATALITIES	DISABLING INJ	EVIDENT INJ	POSSIBLE INJ	TOTAL INJ
PUGET SOUND REGIONAL COUNCIL												
2002	845	4	66	479	250	795	45	4	69	489	256	814
2003	712	3	70	362	232	654	45	3	70	374	245	689
2004	759	3	67	383	251	711	45	3	67	389	270	726
2005	821	8	73	424	288	765	48	8	75	430	279	784
KING COUNTY												
2002	551	3	53	316	154	523	25	3	56	322	159	537
2003	449	1	51	236	131	418	30	1	51	244	139	434
2004	473	2	40	254	154	448	23	2	40	257	159	456
2005	508	4	42	265	166	473	31	4	42	268	170	480
KITSAP COUNTY												
2002	30	0	4	18	8	30	0	0	4	18	8	30
2003	36	1	4	22	8	34	1	1	4	22	11	37
2004	39	0	6	13	15	34	5	0	6	13	16	35
2005	38	1	4	26	5	35	2	1	4	26	5	35
PIERCE COUNTY												
2002	132	0	6	71	45	122	10	0	6	72	45	123
2003	112	0	8	53	47	108	4	0	8	55	48	111
2004	102	0	8	47	38	93	9	0	8	48	38	94
2005	146	2	13	71	54	138	6	2	14	73	60	147
SNOHOMISH COUNTY												
2002	132	1	3	74	43	120	11	1	3	77	44	124
2003	115	1	7	51	46	104	10	1	7	53	47	107
2004	145	1	13	69	54	136	8	1	13	71	57	141
2005	129	1	14	62	43	119	9	1	15	63	44	122

Total Pedalcyclist Fatal/Disabling Collisions			
Year	Fatal Collisions	Disabling Injury Collisions	Total
Puget Sound Regional Council			
2002	4	66	70
2003	3	70	73
2004	3	67	70
2005	8	73	81
King County			
2002	3	53	56
2003	1	51	52
2004	2	40	42
2005	4	42	46
Kitsap County			
2002	0	4	4
2003	1	4	5
2004	0	6	6
2005	1	4	5
Pierce County			
2002	0	6	6
2003	0	8	8
2004	0	8	8
2005	2	13	15
Snohomish County			
2002	1	3	4
2003	1	7	8
2004	1	13	14
2005	1	14	15



Motorcycle Collisions

Puget Sound Regional Council 2002-2005 Motorcycle Collisions

YEAR	COLLISIONS							FATALITIES / INJURIES				
	TOTAL COLLISIONS	FATAL COLLISIONS	DISABLING INJURY COLLISIONS	EVIDENT INJURY COLLISIONS	POSSIBLE INJURY COLLISIONS	TOTAL INJURY COLLISIONS	PROPERTY DAMAGE ONLY COLLISIONS	FATALITIES	DISABLING INJ	EVIDENT INJ	POSSIBLE INJ	TOTAL INJ
PUGET SOUND REGIONAL COUNCIL												
2002	1,040	17	173	398	248	819	204	17	179	437	308	924
2003	1,107	26	177	407	269	853	228	28	185	461	327	973
2004	1,338	34	197	506	324	1,027	277	36	207	565	401	1,173
2005	1,438	38	201	514	398	1,113	287	41	211	555	482	1,248
KING COUNTY												
2002	591	10	95	225	143	463	118	10	99	250	166	515
2003	656	12	111	238	145	494	150	13	118	263	172	553
2004	747	14	97	287	174	558	175	14	102	310	220	632
2005	776	21	95	268	205	568	187	22	103	287	244	634
KITSAP COUNTY												
2002	64	0	15	28	7	50	14	0	16	29	12	57
2003	59	2	11	13	21	45	12	2	11	14	25	50
2004	102	1	22	31	30	83	18	1	22	33	32	87
2005	108	3	17	34	33	84	21	3	18	37	39	94
PIERCE COUNTY												
2002	189	4	33	74	48	155	30	4	34	81	67	182
2003	214	8	27	81	66	174	32	9	27	96	83	208
2004	259	12	41	98	65	204	43	13	44	115	84	243
2005	270	5	33	111	83	227	38	5	34	123	101	258
SNOHOMISH COUNTY												
2002	195	3	30	71	50	151	42	3	30	77	63	170
2003	178	4	28	75	37	140	34	4	29	86	47	162
2004	230	7	37	90	55	182	41	8	39	107	65	211
2005	284	9	56	101	77	234	41	11	56	108	98	262

Total Motorcycle Fatal/Disabling Collisions			
Year	Fatal Collisions	Disabling Injury Collisions	Total
Puget Sound Regional Council			
2002	17	173	190
2003	26	177	203
2004	34	197	231
2005	38	201	239
King County			
2002	10	95	105
2003	12	111	123
2004	14	97	111
2005	21	95	116
Kitsap County			
2002	0	15	15
2003	2	11	13
2004	1	22	23
2005	3	17	20
Pierce County			
2002	4	33	37
2003	8	27	35
2004	12	41	53
2005	5	33	38
Snohomish County			
2002	3	30	33
2003	4	28	32
2004	7	37	44
2005	9	56	65



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Large Trucks

Puget Sound Regional Council 2002-2005 Large Truck Collisions

YEAR	COLLISIONS							FATALITIES / INJURIES				
	TOTAL COLLISIONS	FATAL COLLISIONS	DISABLING INJURY COLLISIONS	EVIDENT INJURY COLLISIONS	POSSIBLE INJURY COLLISIONS	TOTAL INJURY COLLISIONS	PROPERTY DAMAGE ONLY COLLISIONS	FATALITIES	DISABLING INJ	EVIDENT INJ	POSSIBLE INJ	TOTAL INJ
PUGET SOUND REGIONAL COUNCIL												
2002	4,371	24	77	307	649	1,233	3,114	25	92	379	1,317	1,788
2003	3,998	15	52	263	620	1,135	2,848	16	59	332	1,211	1,602
2004	4,352	17	59	283	658	1,200	3,135	17	70	334	1,290	1,694
2005	4,777	23	67	292	666	1,227	3,527	23	64	367	1,271	1,722
KING COUNTY												
2002	2763	8	42	175	515	732	2,023	9	45	205	774	1,025
2003	2403	10	27	145	477	649	1,744	10	31	185	712	928
2004	2570	9	33	155	483	671	1,890	9	43	182	706	931
2005	3012	14	38	159	497	694	2,304	14	50	201	702	953
KITSAP COUNTY												
2002	135	1	5	10	23	36	95	1	5	16	39	60
2003	180	0	6	17	34	57	123	0	8	22	52	82
2004	150	1	0	8	33	41	108	1	0	10	51	61
2005	136	2	1	12	24	37	97	2	2	14	36	52
PIERCE COUNTY												
2002	808	6	16	72	175	263	539	6	24	89	285	398
2003	866	4	10	60	200	270	592	5	11	76	288	375
2004	919	5	13	66	209	288	626	5	14	78	330	422
2005	952	5	14	65	205	284	663	5	16	83	319	418
SNOHOMISH COUNTY												
2002	665	9	14	50	136	200	456	9	17	69	219	305
2003	549	1	9	41	109	159	389	1	9	49	159	217
2004	713	2	13	54	133	200	511	2	13	64	203	280
2005	677	2	14	56	142	212	463	2	16	69	214	299

Total Large Truck Fatal/Disabling Collisions			
Year	Fatal Collisions	Disabling Injury Collisions	Total
Puget Sound Regional Council			
2002	24	77	101
2003	15	52	67
2004	17	59	76
2005	23	67	90
King County			
2002	8	42	50
2003	10	27	37
2004	9	33	42
2005	14	38	52
Kitsap County			
2002	1	5	6
2003	0	6	6
2004	1	0	1
2005	2	1	3
Pierce County			
2002	6	16	22
2003	4	10	14
2004	5	13	18
2005	5	14	19
Snohomish County			
2002	9	14	23
2003	1	9	10
2004	2	13	15
2005	2	14	16

*Large trucks include: single-unit truck (3 or more axles), truck/trailer, truck tractor (bob-tail), tractor/semi-trailer, and tractor/doubles.



**Washington State
Department of Transportation**

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Workzone Collisions

Puget Sound Regional Council 2002-2005 Workzone Collisions

YEAR	COLLISIONS							FATALITIES / INJURIES				
	TOTAL COLLISIONS	FATAL COLLISIONS	DISABLING INJURY COLLISIONS	EVIDENT INJURY COLLISIONS	POSSIBLE INJURY COLLISIONS	TOTAL INJURY COLLISIONS	PROPERTY DAMAGE ONLY COLLISIONS	FATALITIES	DISABLING INJ	EVIDENT INJ	POSSIBLE INJ	TOTAL INJ
PUGET SOUND REGIONAL COUNCIL												
2002	1,344	8	16	119	363	498	838	8	19	138	551	708
2003	994	1	18	69	229	316	677	1	22	84	342	448
2004	1001	1	20	83	260	363	637	1	23	108	376	507
2005	1,298	5	22	103	345	470	823	6	25	127	544	696
KING COUNTY												
2002	787	3	10	70	197	277	507	3	10	81	300	391
2003	512	0	12	39	111	162	350	0	14	47	164	225
2004	586	0	9	45	146	200	386	0	10	59	195	264
2005	817	3	12	67	198	277	537	4	13	80	313	406
KITSAP COUNTY												
2002	63	0	0	5	10	15	48	0	0	5	17	22
2003	30	0	0	1	5	6	24	0	0	1	6	7
2004	44	0	3	4	11	18	26	0	4	10	18	32
2005	51	0	1	2	16	19	32	0	1	2	24	27
PIERCE COUNTY												
2002	230	2	2	20	72	94	134	2	2	23	109	134
2003	202	0	2	17	47	66	136	0	2	19	75	96
2004	178	1	1	16	57	74	103	1	1	18	85	104
2005	261	2	6	23	71	100	159	2	6	30	117	155
SNOHOMISH COUNTY												
2002	264	3	4	24	84	112	149	3	7	29	125	161
2003	250	1	4	12	66	82	167	1	6	17	97	120
2004	193	0	7	18	46	71	122	0	8	21	78	107
2005	169	0	3	11	60	74	95	0	3	15	90	108

Total Workzone Fatal/Disabling Collisions			
Year	Fatal Collisions	Disabling Injury Collisions	Total
Puget Sound Regional Council			
2002	8	16	24
2003	1	18	19
2004	1	20	21
2005	5	22	27
King County			
2002	3	10	13
2003	0	12	12
2004	0	9	9
2005	3	12	15
Kitsap County			
2002	0	0	0
2003	0	0	0
2004	0	3	3
2005	0	1	1
Pierce County			
2002	2	2	4
2003	0	2	2
2004	1	1	2
2005	2	6	8
Snohomish County			
2002	3	4	7
2003	1	4	5
2004	0	7	7
2005	0	3	3



**Washington State
Department of Transportation**

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UNDER 23 UNITED STATES CODE – SECTION 409, THIS DATA CANNOT BE USED IN DISCOVERY OR AS EVIDENCE AT TRIAL IN ANY ACTION FOR DAMAGES AGAINST THE WSDOT, OR ANY JURISDICTIONS INVOLVED IN THE DATA.

Driver Distractions

Puget Sound Regional Council Driver Distraction Related Collisions 2006

Distracting Circumstance	King	Kitsap	Pierce	Snohomish	PSRC Total	Statewide Total	PSRC % of Statewide Total
Driver Operating Handheld Telecommunication Device	388	41	144	173	744	1,242	60%
Driver Operating Hands-free Telecommunication Device	13	2	14	8	37	62	60%
Driver Operating Other Electronic Devices (computers, navigational devices, etc.)	21	4	7	8	40	58	60%
Driver Adjusting Audio or Entertainment System	133	30	54	53	270	512	53%
Driver Smoking	24	7	18	22	71	161	44%
Driver Eating or Drinking	103	12	47	53	215	414	52%
Driver Reading or Writing	56	6	14	29	105	145	72%
Driver Grooming	10	2	3	5	20	38	56%
Driver Interacting with Passengers, Animals, or Objects in the Vehicle	382	58	188	239	865	1,822	53%
Other Driver Distractions Inside the Vehicle	288	59	148	201	694	1,185	59%
Driver Distractions Outside the Vehicle	552	92	189	413	1,246	2,208	56%
Unknown Driver Distraction	444	33	134	358	969	1,582	61%
Total	2,410	344	960	1,562	5,276	9,227	57%

to remember that the attached listing *does not* represent the number of collisions, but rather lists the total number of contributing circumstances associated with all the drivers. Distraction may have been a contributing factor in the collision but may not be the only or the leading contributing factor for the collision. One example may be a driver who is intoxicated, speeding, and operating a cell phone.

There are two different contributing circumstances involving cell phones: 1) "Driver Operating Handheld Telecommunications Device" and 2) "Driver Operating Hands-Free Wireless Telecommunication Device". These two new codes became effective on January 1, 2008, as contributing circumstances, along with 11 other new driver distraction-oriented codes within the contributing circumstance field. Please note the two new cell phone codes account for less than 1% of all driver contributing circumstances. It should be noted that to be contained within the collision data record, the usage of cell phones is either witnessed by others or self-reported by the driver.



UNDER 23 UNITED STATES CODE - SECTION 459, THIS DATA CANNOT BE USED IN DISCOVERY OR AS EVIDENCE AT TRIAL IN ANY ACTION FOR DAMAGES AGAINST THE WSDOT, OR ANY JURISDICTIONS INVOLVED IN THE DATA.

Restraint Usage

Puget Sound Regional Council 2002-2005 Restraint Usage by Injury

	FATALITIES	DISABLING INJURIES	EVIDENT INJURIES	POSSIBLE INJURIES	NO INJURY	UNKNOWN/NOT STATED	Total
Puget Sound Regional Council							
RESTRAINT USED	330	2,837	20,438	88,875	448,489	2,163	562,932
NO RESTRAINT USED	223	861	1,975	2,054	4,774	100	9,787
UNKNOWN/NOT STATED	85	880	2,938	7,847	41,102	64,084	118,536
Total	638	3,978	26,351	98,576	494,365	66,347	689,256
King County							
RESTRAINT USED	150	1,417	10,899	47,928	248,418	1,140	307,748
NO RESTRAINT USED	100	337	908	1,080	2,848	42	5,115
UNKNOWN/NOT STATED	40	352	1,554	4,303	23,644	40,975	70,868
Total	290	2,106	13,161	53,309	272,708	42,157	383,731
Kitsap County							
RESTRAINT USED	31	192	1,548	4,498	25,566	92	31,917
NO RESTRAINT USED	19	61	157	139	295	1	672
UNKNOWN/NOT STATED	6	37	152	240	1,419	1,753	3,807
Total	56	290	1,857	4,877	27,270	1,846	36,196
Pierce County							
RESTRAINT USED	77	625	4,808	21,091	94,092	633	121,124
NO RESTRAINT USED	87	156	549	510	1,062	32	2,376
UNKNOWN/NOT STATED	25	170	680	1,717	7,973	12,598	23,163
Total	169	951	5,835	23,318	103,127	13,263	146,663
Snohomish County							
RESTRAINT USED	72	403	3,585	15,360	82,425	298	102,143
NO RESTRAINT USED	37	107	381	325	789	25	1,624
UNKNOWN/NOT STATED	14	121	552	1,387	8,066	8,758	18,898
Total	123	631	4,498	17,072	91,280	9,081	122,666



References

- **Collision Data Coding Manual**

The Collision Analysis User's Manual documents the procedures and methodologies currently employed by WSDOT staff to analyze and capture data from traffic collision reports. The intent of this manual is to ensure that a consistent set of standards are used in the collection and interpretation of this collision data. The manual can also be helpful for those wishing to learn more about how individual data elements originate. This document is available at:

http://wwwi.wsdot.wa.gov/ppsc/tdo/collision_analysis.htm

- **Data Elements – TRIPS Data Dictionary and the CLAS Data Feed Codes Table**

These documents provide a comprehensive listing of all the collision data elements available from the TDO.

Collision Data Annual Summary

This report includes summary information on the previous years State Highway collision experience for both statewide and specific locations, along with trend analysis. For questions or comments regarding the Annual Collision Data Summary, please [Email the Collision Data and Analysis Branch](#) or call by phone at (360) 570-2454.

- ***'Better Decisions Through Better Data'***

The Transportation Data Office (TDO) has a tightly integrated business and technical environment, which strategically leverages new technologies to create, support, and improve its products and services. "Better Decisions Through Better Data" is a document that provides you with information about what we do, how this contributes to the mission of WSDOT, and how you can find out more about our products and services. This document is available at:

<http://www.wsdot.wa.gov/mapsdata/tdo/communication.htm>