

**A Review
Of Traffic Collisions
In
Washington
*1985***

WASHINGTON TRAFFIC SAFETY COMMISSION

1000 South Cherry Street
Olympia, Washington 98504

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**A REVIEW OF
TRAFFIC COLLISIONS
IN
WASHINGTON
1985**

Prepared by The Washington Traffic Safety Commission

**Source: Collision Data – Traffic Records Unit, Washington State Patrol;
Roadway Data – Planning Division, Department of Transportation;
License Data – Department of Licensing.**

A REVIEW OF TRAFFIC COLLISIONS IN WASHINGTON - 1985

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RECAP OF TRAFFIC COLLISIONS Two Year Comparison			
Category	1985	1984	% Change From 1984
Persons Killed	756	761	-0.7%
Death Rate Per 100 Million Miles	2.22	2.28	-2.6%
Fatal Collisions	656	687	-4.5%
Persons Injured	63,806	61,366	4.0%
Total Reported Collisions	120,056	111,655	7.5%
Estimated Economic Loss	\$620,000,000	\$590,750,000	5.0%
Miles Traveled (in Millions)	33,978.0	33,344.0	1.9%
Licensed Drivers	3,040,829	2,973,468	2.3%
Registered Vehicles	3,546,152	3,459,772	2.5%
Population	4,384,100	4,328,100	1.3%

DRINKING DRIVER COLLISIONS Two Year Comparison			
Collisions	1985	1984	% Change From 1984
DWI Drivers Involved in Total Collisions	8,689	9,173	-5.3%
Ratio - DWI Per 100 Involved	6.3	7.0	-10.0%
DWI Drivers Involved in Fatal Collisions	292	307	-4.9%
Ratio - DWI Drivers Per 100	31.6	32.5	-2.8%
Had Been Drinking (in Total Collisions)	16,742	17,300	-3.2%
Ratio - HBD Drivers Per 100	12.1	13.2	-8.3%
Had Been Drinking (in Fatal Collisions)	346	370	-6.5%
Ratio - HBD Drivers Per 100	37.5	39.2	-4.3%

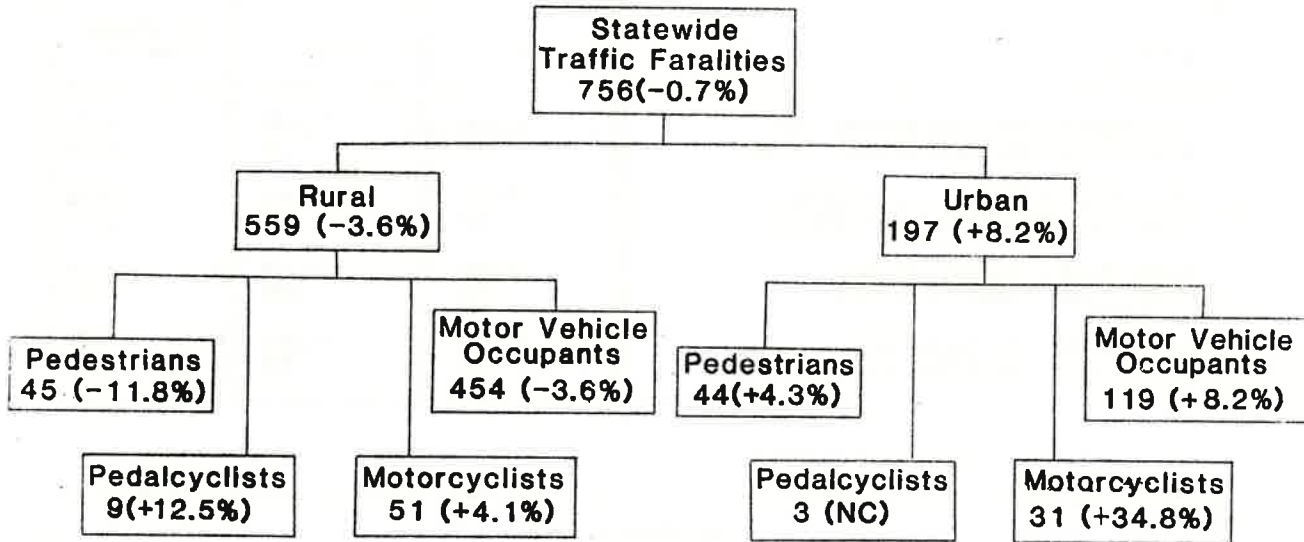
COLLISIONS BY LOCATION Two Year Comparison			
Location	1985	1984	% Change From 1984
Interstate & Other Full Control - All	13,406	11,485	16.7%
Interstate & Other Full Control - Fatal	76	69	10.1%
Other State Routes - All Collisions	23,755	22,965	3.4%
Other State Routes - Fatal Collisions	246	264	-6.8%
County Roads - All Collisions	27,020	24,620	9.7%
County Roads - Fatal Collisions	212	235	-9.8%
City Streets - All Collisions	55,186	51,836	6.5%
City Streets - Fatal Collisions	112	109	2.8%

COLLISIONS BY TYPE Two Year Comparison			
Type	1985	1984	% Change From 1984
Collisions with Other Motor Vehicles - All	88,236	82,189	7.4%
Collisions with Other Motor Vehicles - Fatal	264	251	5.2%
One Car (Fixed Object-Overtuned, Etc.) - All	27,547	25,420	8.4%
One Car (Fixed Object-Overtuned, Etc.) - Fatal	301	322	-6.5%
Collisions with Pedestrians - All Collisions	1,617	1,601	1.0%
Collisions with Pedestrians - Fatal Collisions	78	93	-16.1%
Collisions with Pedalcyclists - All Collisions	1,325	1,174	12.9%
Collisions with Pedalcyclists - Fatal Collisions	12	11	9.1%
All Others (RR Train, Animal) - All Collisions	1,331	1,271	4.7%
All Others (RR Train, Animal) - Fatal Collisions	1	10	-90.0%

COLLISION BY TYPE OF VEHICLE Two Year Comparison			
Type	1985	1984	% Change From 1984
Passenger Cars Involved in All Collisions	149,593	142,772	4.8%
Passenger Cars Involved in Fatal Collisions	593	591	0.3%
Lightweight Trucks Involved in All Collisions	46,160	40,822	13.1%
Lightweight Trucks Involved in Fatal Collisions	235	245	-4.1%
Heavy Trucks (Over 10,000) in All Collisions	8,605	7,472	15.2%
Heavy Trucks (Over 10,000) in Fatal Collisions	85	87	-2.3%
Motorcycles Involved in All Collisions	3,762	3,527	6.7%
Motorcycles Involved in Fatal Collisions	84	73	15.1%

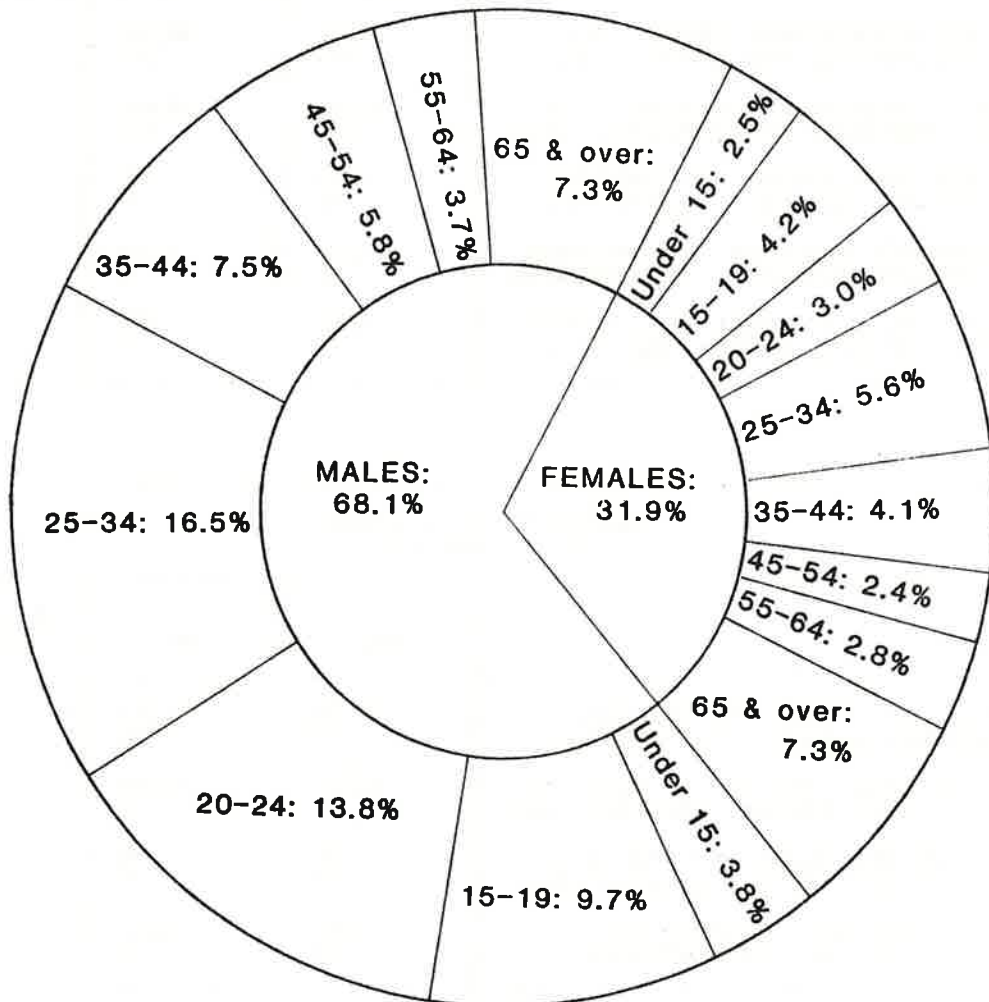
TRAFFIC FATALITIES

In 1985 and
Percent of Change from 1984



TRAFFIC FATALITIES by AGE and SEX

1985



PERSONS KILLED AND INJURED By Age By Status								
Age	Total		Occupants		Pedestrians		Pedalcyclists	
	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured
0 - 4	11	1,142	8	1,027	3	83	0	31
5 - 9	25	1,689	11	1,235	11	203	3	251
10 - 14	12	2,085	7	1,480	3	195	2	403
15 - 19	105	10,609	100	10,159	3	208	2	241
20 - 24	127	11,320	122	10,979	5	181	0	155
25 - 34	167	14,690	155	14,245	11	285	1	143
35 - 44	88	8,964	78	8,748	9	169	1	38
45 - 54	62	4,601	53	4,483	7	99	2	15
55 - 64	49	3,405	39	3,306	9	90	1	8
65 - 74	51	2,186	44	2,091	7	92	0	2
75/Older	59	1,150	38	1,067	21	82	0	1
Not Stated	0	1,965	0	1,850	0	76	0	37
TOTAL*	756	63,806	655	60,670	89	1,763	12	1,325

*Total Injured includes 48 injured where the status of the injured was unknown

COMPARISON OF TRAFFIC DEATHS BY MONTH Three Year Comparison								
Month	1985		1984		1983		% Change 85 to 84	
	Month Total	Year To Date	Month Total	Year To Date	Month Total	Year To Date	Month Total	Year To Date
January	43	43	48	48	49	49	-10.4%	-10.4%
February	48	91	41	89	34	83	17.1%	2.2%
March	52	143	56	145	46	129	-7.1%	-1.4%
April	61	204	50	195	76	205	22.0%	4.6%
May	84	288	68	263	47	252	23.5%	9.5%
June	67	355	82	345	65	317	-18.3%	2.9%
July	87	442	83	428	73	390	4.8%	3.3%
August	63	505	75	503	67	457	-16.0%	0.4%
September	66	571	63	566	64	521	4.8%	0.9%
October	66	637	76	642	59	580	-13.2%	-0.8%
November	56	693	72	714	67	647	-22.2%	-2.9%
December	63	756	47	761	58	705	34.0%	-0.7%

TRAFFIC SAFETY STATISTICS
1970-1985

Year	Licensed Drivers	Population	Vehicle		Traffic			
			Registration	Miles (Millions)	Collisions	Injuries	Deaths	Fatality Rate**
1970	1,919,980	3,413,250	2,156,510	20,675.8	97,486	53,465	875	4.23
1971	1,965,962	3,430,100	2,231,958	21,860.0	98,956	55,099	876	4.01
1972	2,011,893	3,418,800	2,315,310	22,363.0	101,002	55,454	855	3.82
1973	2,113,460	3,424,300	2,453,880	23,457.0	105,515	58,039	776	3.31
1974	2,122,131	3,448,100	2,545,975	22,585.0	106,242	57,716	761	3.37
1975	2,176,505	3,493,990	2,640,944	24,023.0	120,635	64,145	771	3.21
1976	2,324,697	3,571,591	2,785,500	25,932.0	120,864	66,309	825	3.18
1977*	2,339,215	3,661,975	2,952,383	27,449.0	119,058	71,356	927	3.38
1978	2,485,248	3,774,300	3,042,265	29,378.0	116,923	64,669	1,006	3.42
1979	2,579,368	3,911,200	3,186,898	29,122.0	118,686	65,399	1,034	3.55
1980	2,662,659	4,109,853	3,293,065	28,696.0	113,751	61,532	985	3.43
1981	2,732,722	4,248,100	3,408,871	30,346.0	111,993	61,083	872	2.87
1982	2,774,212	4,264,000	3,313,348	30,353.0	100,644	54,789	757	2.49
1983	2,867,032	4,285,100	3,372,966	32,275.0	106,597	58,317	705	2.18
1984	2,973,468	4,328,100	3,459,772	33,344.0	111,655	61,366	761	2.28
1985	3,040,829	4,384,100	3,546,152	33,978.0	120,056	63,806	756	2.22

*Minimum damage for a reportable collision was increased from \$100 to \$300 to the property of one person on 7-1-77.

**Traffic deaths per 100 million vehicle miles of travel.

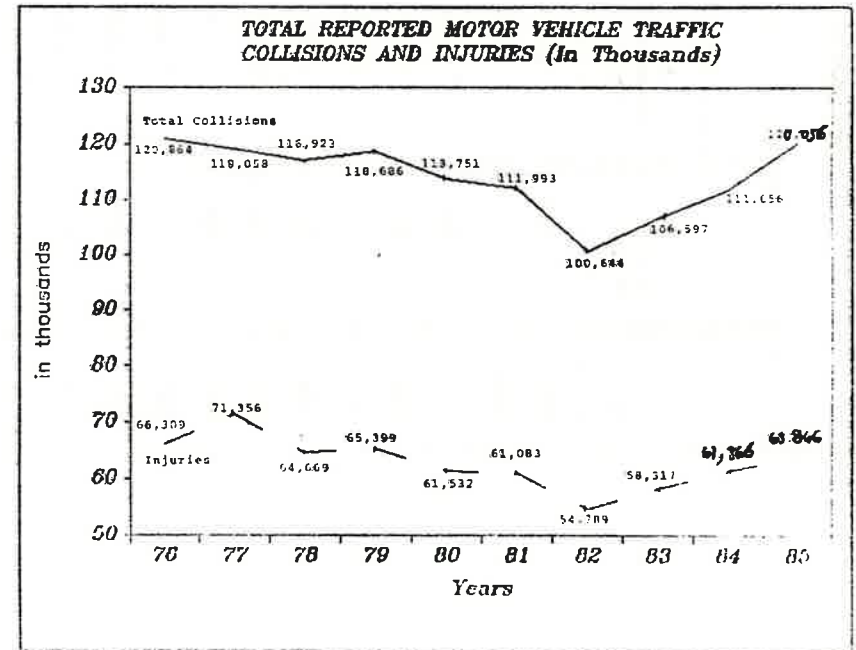
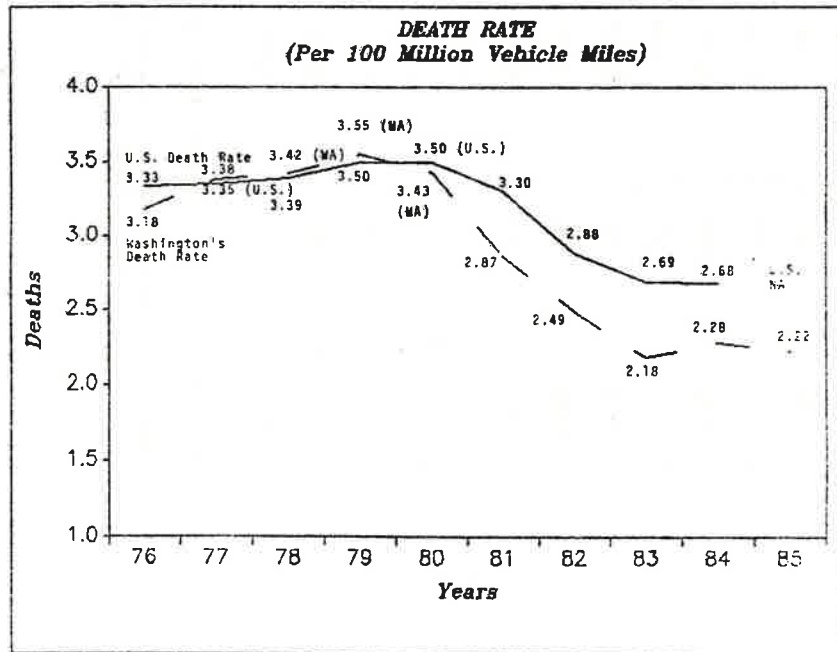
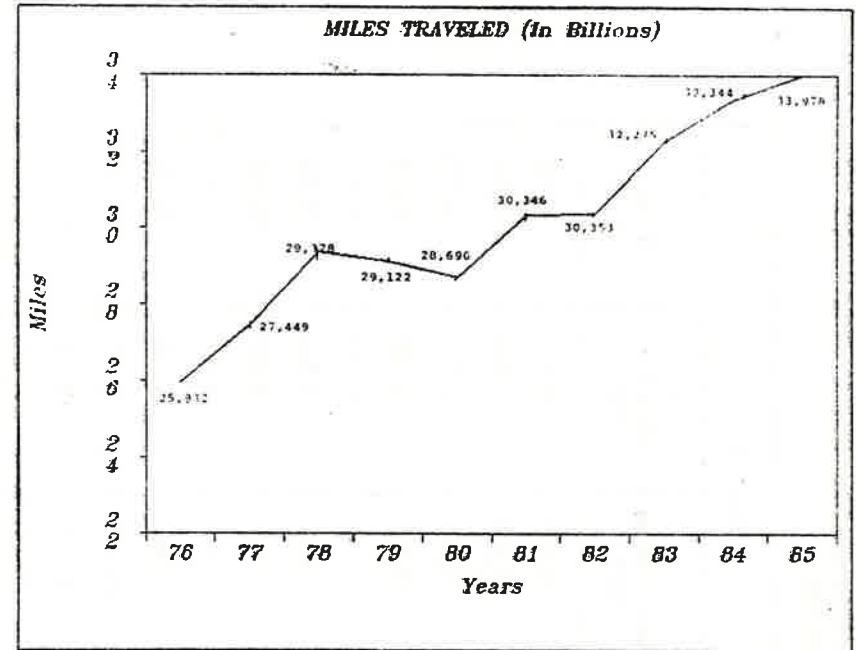
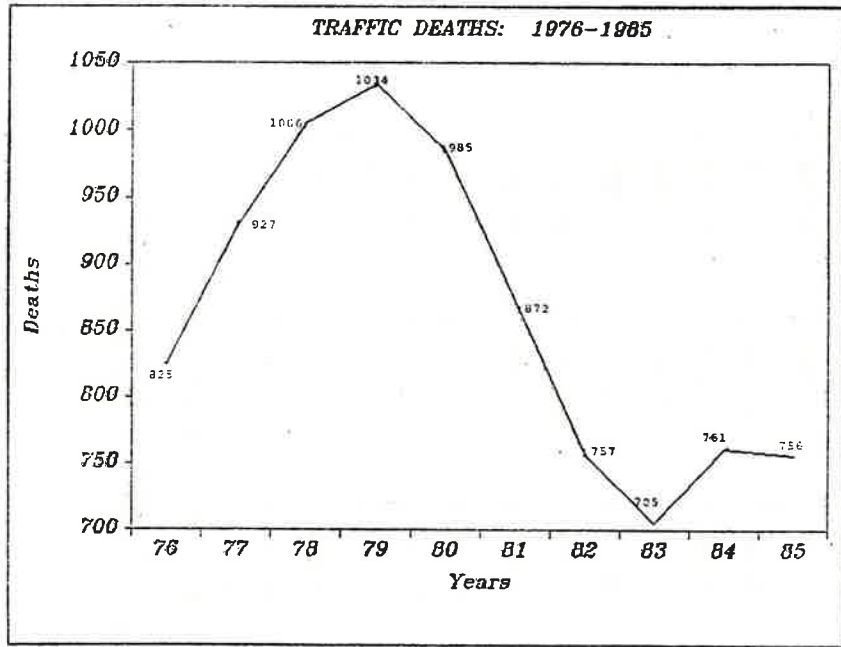
COMPARISON OF SEVERITY OF INJURY BY YEAR
1959-1985

Year	Traffic Deaths	Injuries			
		A Disabling Injury	B Non-Disabling Injury	C Possible Injury	Total Injuries
1959	548	8,338	10,465	10,778	29,581
1960	561	8,455	10,009	11,616	30,080
1961	580	9,566	10,568	12,772	32,906
1962	611	10,810	10,669	13,090	34,569
1963	633	10,700	11,149	13,090	34,939
1964	731	11,801	11,971	14,026	37,798
1965	729	11,207	12,417	13,279	36,903
1966	828	10,114	16,521	14,692	41,327
1967	876	10,405	18,826	16,490	45,721
1968	931	10,639	20,157	18,650	49,446
1969	834	10,406	18,855	18,093	47,354
1970*	875	7,075	24,241	22,149	53,465
1971	876	7,294	23,462	24,343	55,099
1972	855	6,937	23,459	25,058	55,454
1973	776	7,650	23,907	26,482	58,039
1974	761	7,668	23,503	26,545	57,716
1975	771	8,136	26,083	29,926	64,145
1976	825	8,991	27,186	30,132	66,309
1977	927	9,634	28,308	33,414	71,356
1978**	1,006	10,309	26,618	27,742	64,669
1979	1,034	10,579	27,298	27,522	65,399
1980	985	9,945	25,898	25,689	61,532
1981	872	9,177	25,732	26,174	61,083
1982	757	8,276	22,340	24,173	54,789
1983	705	8,400	23,938	25,979	58,317
1984	761	8,254	24,833	28,279	61,366
1985	756	8,212	25,566	30,028	63,806

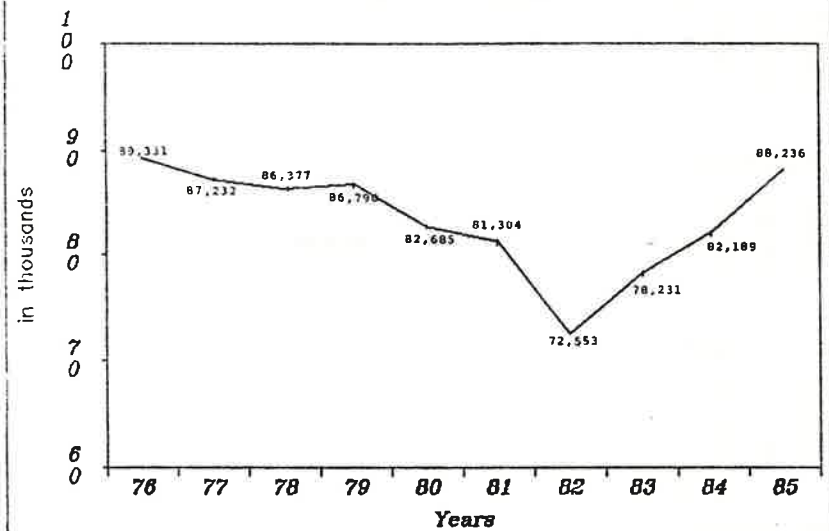
*New statewide investigator's report adopted with all police agencies reporting.

**WSP policy change using only information on the investigator's report in reporting severity of injury--drivers' reports not used when collision investigated.

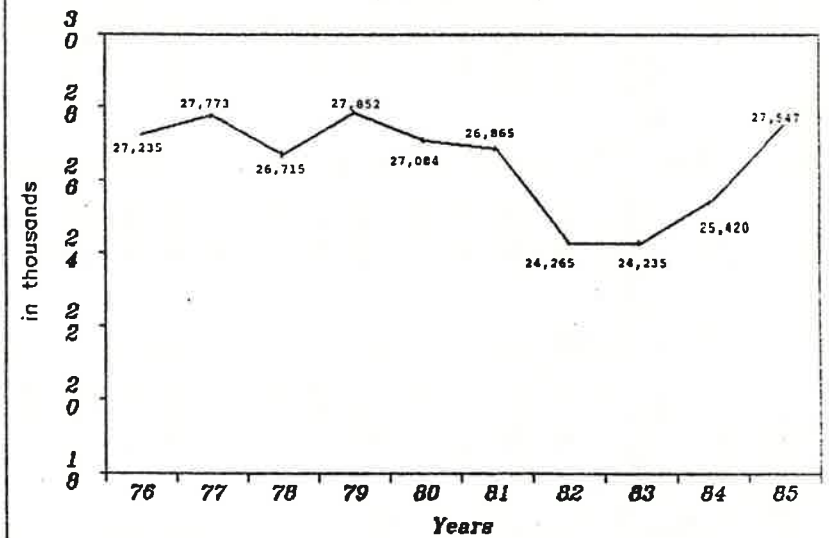
TRAFFIC DEATHS, MILES TRAVELED, DEATH RATE, REPORTED COLLISIONS AND INJURIES 1976-1985



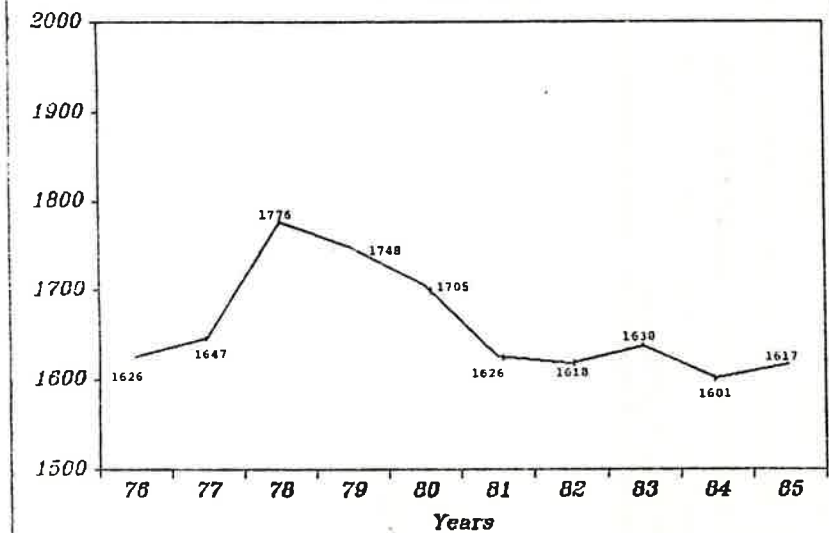
MULTIPLE VEHICLE COLLISIONS
(In Thousands)



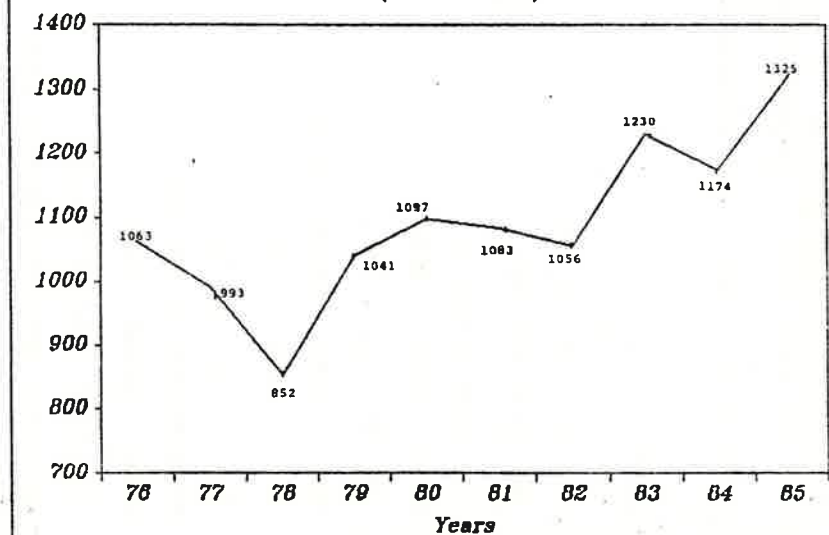
SINGLE VEHICLE COLLISIONS
(In Thousands)



VEHICLE-PEDESTRIAN COLLISIONS
(In Hundreds)



VEHICLE-PEDALCYCLIST COLLISIONS
(In Hundreds)



**SUMMARY OF MOTOR VEHICLE TRAFFIC ACCIDENTS
Statewide**

Description	Incorporated Areas*	Other Areas*	Statewide Totals
Total Number of Accidents	70,533	49,523	120,056
Total Number of Drivers	128,525	78,582	207,107
Total Number of Vehicles	137,765	81,159	218,924
Number of Fatal Accidents	175	481	656
Number of Injury Accidents	24,065	20,308	44,373
Number of Property Damage Accidents	46,293	28,734	75,027
Number of Persons Killed	197	559	756
Number of Disabling Injury	3,571	4,641	8,212
Number of Non-disabling Injury	12,687	12,879	25,566
Number of Possible Injury	17,467	12,561	30,028
Total Number of Persons Injured	33,725	30,081	63,806
Number of Accidents Investigated by W.S.P.	5,713	26,659	32,372
Number of Accidents Investigated by Other Law Enforcement	46,661	13,537	60,198
Total Number of Investigated Accidents	52,374	40,196	92,570
Percent of Accidents Investigated	74.3%	81.2%	77.1%
Total Number of Drivers-Investigated Accidents	93,325	61,824	155,149
Total Number of Vehicles-Investigated Accidents	101,046	63,876	164,922
Number of Arrests Investigated Accidents	33,033	22,666	55,699

*2,500 population & over

**Under 2,500 population & unincorporated areas

SUMMARY OF MOTOR VEHICLE TRAFFIC ACCIDENTS
By Type of Accident

Type of Accident	Number of Accidents				Number of Persons					
	Total	Fatal	Non Fatal	Property Damage	Total Killed	Total Injured	A.	B.	C.	No Injury
Overturning	5,812	94	3,277	2,441	101	4,481	861	2,349	1,271	4,031
Other Non-collision	474	3	208	263	3	240	61	120	59	548
Pedestrian	1,617	78	1,539	0	81	1,653	528	723	402	1,976
Motor Vehicle Transport	78,587	244	27,934	50,409	312	42,869	4,247	14,738	23,884	66,513
Motor Vehicle On Other Roadway	0	0	0	0	0	0	0	0	0	0
Parked Motor Vehicle	9,649	20	1,209	8,420	22	1,538	195	787	556	10,596
Railway Train	103	1	33	69	1	38	9	20	9	92
Pedalcyclist	1,325	12	1,292	21	12	1,354	307	739	308	1,619
Animal	1,228	0	186	1,042	0	235	46	114	75	1,436
Fixed Object	20,286	197	8,356	11,733	215	10,919	1,885	5,775	3,259	16,773
Other Object	975	7	339	629	9	479	73	201	205	1,422
TOTAL	120,056	656	44,373	75,027	756	63,806	8,212	25,566	30,028	105,006

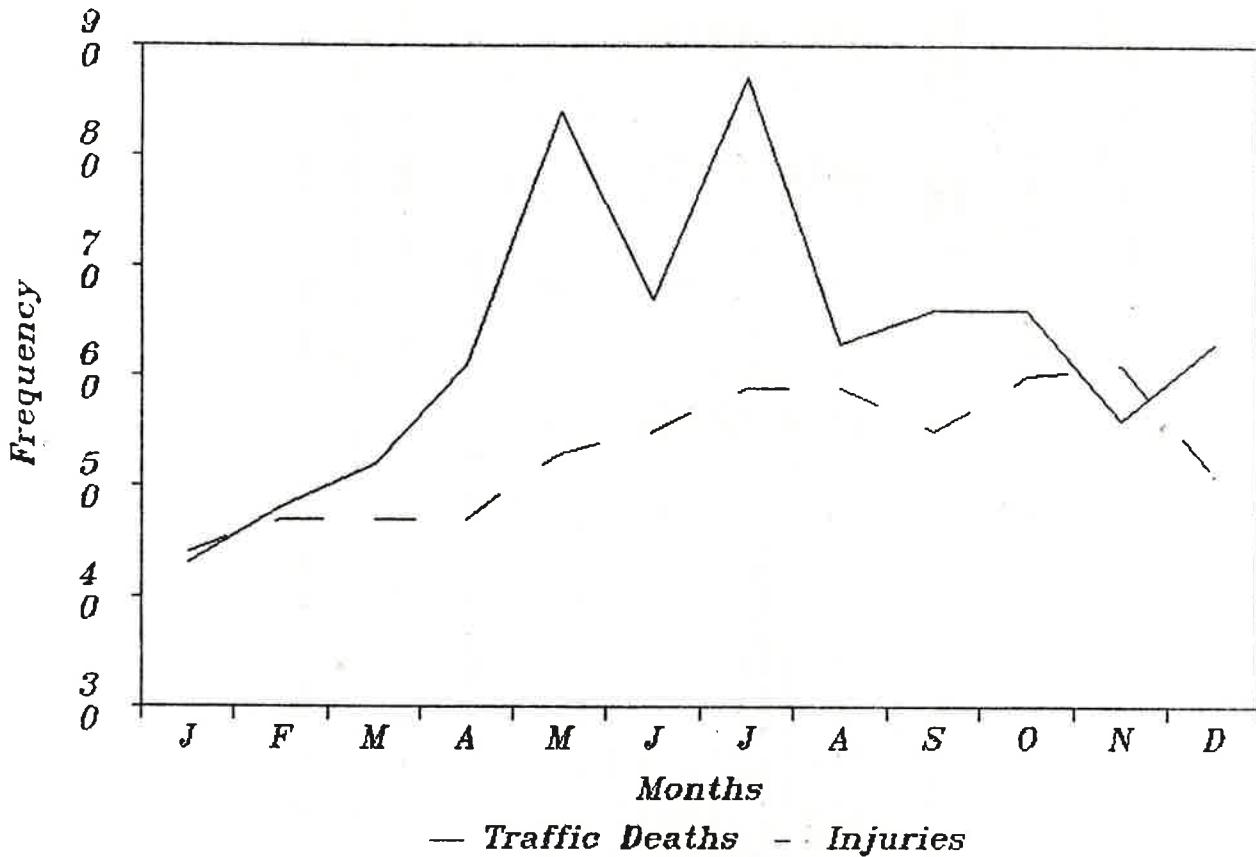
NOTE: The three categories of injuries follow the manual on classification of motor vehicle accidents (1970 edition).

- A. Disabling injury, an injury other than fatal that prevents the injured person from continuing normal activities.
- B. Non-disabling injury, an injury other than incapacitating that is evident to anyone viewing the injured party.
- C. Possible injury, an injury that is reported or claimed but is not an incapacitating or evident injury.

**SUMMARY OF MOTOR VEHICLE ACCIDENTS
Statewide - By Month**

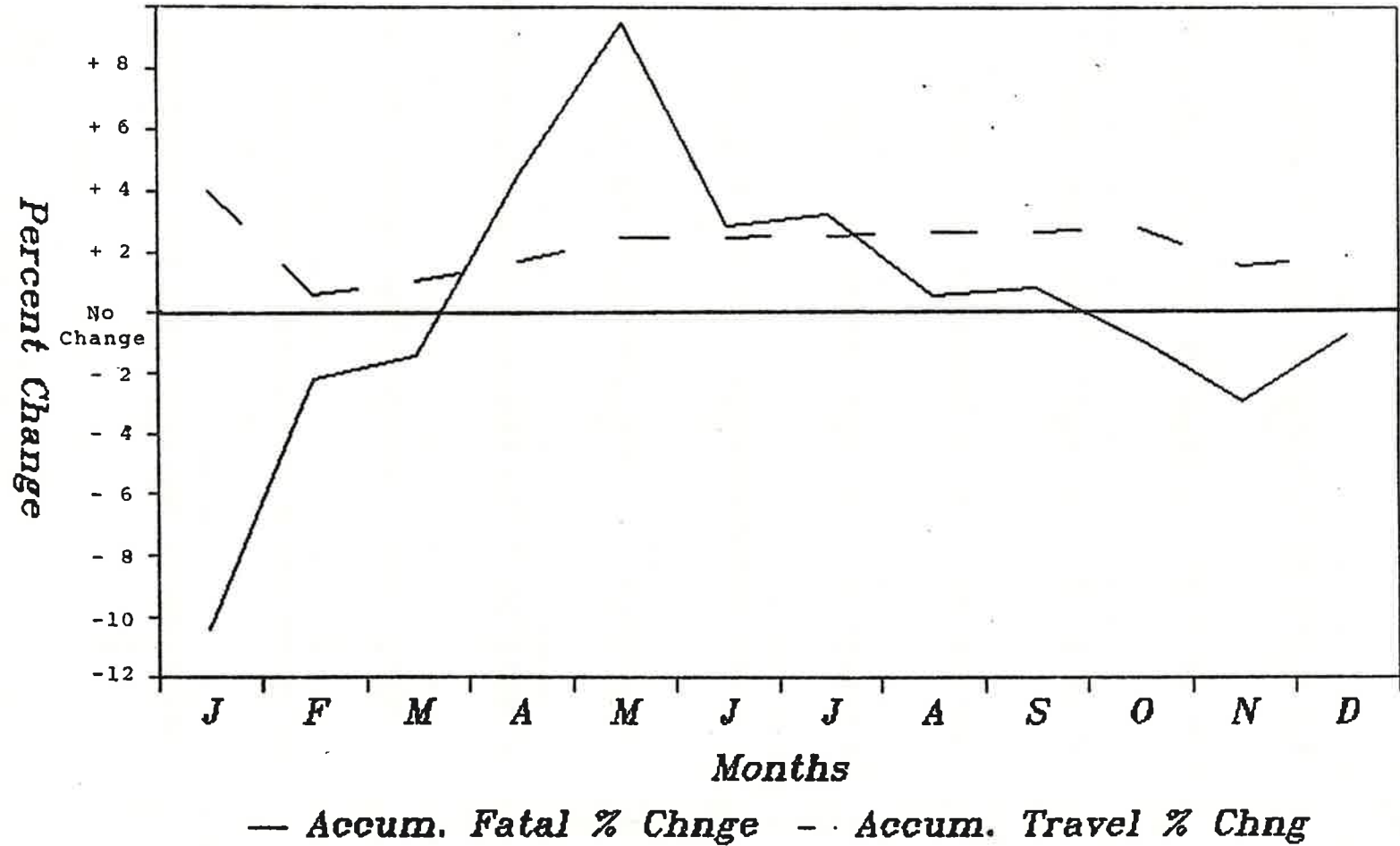
Month	Accidents				Persons	
	Total	Fatal	Injury	Property Damage	Number Killed	Number Injured
January	8,913	41	3,064	5,808	43	4,391
February	10,226	41	3,356	6,829	48	4,725
March	8,763	49	3,276	5,438	52	4,706
April	8,678	50	3,325	5,303	61	4,679
May	9,481	74	3,707	5,700	84	5,341
June	9,472	63	3,767	5,642	67	5,490
July	9,482	69	4,017	5,396	87	5,867
August	9,816	53	4,018	5,745	63	5,921
September	9,618	56	3,782	5,780	66	5,491
October	10,869	59	4,137	6,673	66	5,957
November	13,955	46	4,277	9,632	56	6,092
December	10,783	55	3,647	7,081	63	5,146
TOTAL	120,056	656	44,373	75,027	756	63,806

TRAFFIC DEATHS AND INJURIES BY MONTH



Total Deaths/Injuries in 100ths

**PERCENTAGE CHANGE OF ACCUMULATED
TRAFFIC DEATHS AND TRAVEL BY MONTH
(1984 VS. 1985)**



STATEWIDE ACCIDENT CONTRIBUTING CIRCUMSTANCES - BY COUNTY
Top Ten Driver Violations*

County	FTYROW**	Speed Safe	Inattention	Drunk Driver	Following Too Close	Disregard Sign/Sig.	Improper Turn	Defective Equipment	Speed Legal	Over Center	Total Top Ten	All Others
Adams	40	84	61	23	11	11	13	16	20	16	295	52
Asotin	45	28	41	18	18	13	9	15	8	9	204	13
Benton	502	425	383	165	152	164	76	77	82	55	2,081	132
Chelan	264	256	290	106	120	83	68	75	63	46	1,371	130
Clallam	199	222	227	109	82	50	52	47	51	29	1,068	88
Clark	774	640	678	323	204	336	112	155	154	85	3,461	248
Columbia	8	30	12	8	4	1	3	7	8	3	84	6
Cowlitz	322	329	410	147	110	165	57	108	79	40	1,767	134
Douglas	75	123	86	47	25	30	16	25	25	12	464	42
Ferry	3	57	27	16	4	4	1	9	11	7	139	10
Franklin	189	151	192	73	52	80	40	35	29	14	855	61
Garfield	1	23	10	5	2	2	1	2	4	1	51	4
Grant	168	198	248	96	63	54	43	69	47	27	1,013	132
Grays Harbor	275	402	371	181	98	106	83	79	107	33	1,735	120
Island	123	241	158	74	66	37	23	34	50	25	831	62
Jefferson	50	133	78	45	12	13	10	24	29	20	414	42
King	8,456	6,689	10,003	2,580	3,120	2,507	1,584	1,265	1,245	884	38,333	2,030
Kitsap	643	916	644	410	212	228	116	163	218	106	3,656	250
Kittitas	95	418	189	55	36	37	26	70	41	11	978	110
Klickitat	24	104	65	32	5	7	9	28	19	18	311	41
Lewis	236	448	307	120	78	73	70	92	78	41	1,543	143
Lincoln	14	43	30	19	3	1	3	12	11	5	141	32
Mason	75	208	123	92	62	18	18	25	48	36	705	58
Okanogan	50	164	104	60	20	21	22	38	32	25	536	67
Pacific	42	96	53	43	13	15	5	20	21	7	315	31
Pend Orielle	12	44	22	10	0	1	1	7	5	8	110	12
Pierce	3,091	2,866	2,959	1,302	1,157	1,197	546	452	560	357	14,487	829
San Juan	7	19	29	11	2	0	3	13	10	8	102	12
Skagit	350	554	431	204	115	79	55	97	92	50	2,027	140
Skamania	7	62	43	20	6	3	1	18	14	11	185	26
Snohomish	1,669	2,078	1,678	812	692	589	322	342	447	281	8,910	592
Spokane	1,915	1,583	1,651	591	568	951	419	264	310	233	8,485	417
Stevens	46	183	55	47	13	9	13	21	20	36	443	47
Thurston	640	808	716	287	270	221	132	163	163	61	3,461	220
Wahkiakum	4	24	7	14	2	0	2	7	5	3	68	11
Walla Walla	245	207	238	87	59	81	43	51	46	39	1,096	87
Whatcom	475	548	653	226	145	181	114	107	101	76	2,626	215
Whitman	91	192	172	40	61	24	26	29	30	33	698	90
Yakima	894	780	763	405	261	361	174	144	158	89	4,029	271
Statewide	22,119	22,376	24,207	8,903	7,923	7,753	4,311	4,205	4,441	2,840	109,078	7,007

*Investigated Accidents Only
**Failure to Yield Right of Way

SUMMARY OF MOTOR VEHICLE ACCIDENTS
By Age & Violation

Driver Age	DWI	Speed Condition	Speed Legal	Disregard Sign/Sig.	Imp. Lane Travel	FTYROW*	Following Too Close	Over Center	Defective Equipment	Improper Pass	Other Circum.	Total
15 & Under	29	160	50	38	0	96	14	18	29	7	228	669
16	83	879	241	250	0	800	250	109	157	82	1,029	3,880
17	179	1,044	327	283	0	929	385	119	214	117	1,282	4,879
18	285	1,234	373	381	0	937	447	146	262	130	1,455	5,650
19	304	1,060	268	360	0	741	384	141	212	103	1,152	4,725
20	356	944	233	290	0	712	334	95	223	103	1,125	4,415
21	563	1,212	333	357	0	750	432	126	237	100	1,262	5,372
22	428	895	231	290	0	605	303	107	188	84	1,022	4,153
23	405	888	217	292	0	676	325	119	180	80	1,079	4,261
24	411	789	178	239	0	596	253	97	174	69	934	3,740
25	375	731	141	212	0	557	258	75	136	51	820	3,356
26	388	681	145	230	0	539	237	82	102	66	849	3,319
27	303	658	110	205	0	520	226	69	119	58	772	3,040
28	331	613	128	196	0	532	204	79	81	66	721	2,951
29	271	550	81	173	0	485	200	67	107	45	676	2,655
30-34	1,179	2,347	378	736	0	2,195	831	305	456	221	3,007	11,655
35-39	856	1,817	233	591	0	1,771	663	248	341	148	2,423	9,091
40-44	523	1,150	118	356	0	1,255	446	159	225	99	1,591	5,922
45-49	367	777	71	307	0	950	299	104	158	67	1,147	4,247
50-54	240	600	41	249	0	823	214	88	89	55	940	3,339
55-59	211	511	30	240	0	839	221	65	84	44	878	3,123
60-64	149	390	25	235	0	824	190	51	78	43	867	2,852
65-69	99	258	25	228	0	861	144	53	38	35	706	2,447
70-74	43	198	13	221	0	842	119	33	21	21	639	2,150
75 & Over	33	191	18	293	0	1,283	129	38	46	24	823	2,878
Not Stated	492	1,799	433	501	0	1,001	415	247	249	161	6,023	11,321
TOTAL	8,903	22,376	4,441	7,753	0	22,119	7,923	2,840	4,206	2,079	33,450	116,090

*Investigated Accidents Only

**Failure to Yield Right of Way

SUMMARY OF MOTOR VEHICLE TRAFFIC COLLISIONS
Statewide - By Investigating Agency

Statewide	Investigating Agency				Total
	Washington State Patrol	Sheriff	Other Law Enforcement	Not Investigated	
Collision Totals					
Total	32,372	11,682	48,516	27,486	120,056
Fatal	460	49	147	0	656
Injury	14,817	5,038	17,985	6,533	44,373
Property Damage	17,095	6,595	30,384	20,953	75,027
Freeway	9,099	136	923	3,248	13,406
Rural-State Route	10,758	668	713	2,284	14,423
County Road	11,236	10,183	237	5,364	27,020
Other Routes	1,279	695	46,643	16,590	65,207
Single Vehicle - All	14,178	4,061	5,998	1,861	26,098
Single Vehicle - Fatal	215	31	45	0	291
Multiple Vehicle - All	15,692	6,125	33,834	22,936	78,587
Multiple Vehicle - Fatal	184	7	53	0	244
All Collisions - Main Causes					
Exceeding Legal or Safe Speed	16,028	3,714	7,075	* N/A	26,817
Failure to Yield Right of Way	4,462	2,392	15,265		22,119
Driving While Intoxicated	4,038	1,216	3,649		8,903
Falling Asleep or Inattention	6,121	3,078	16,660		25,859
Following Too Close	2,878	862	4,183		7,923
Disregarding Signs or Signals	1,508	825	5,420		7,753
Fatal Collisions - Main Causes					
Driving While Intoxicated	218	23	53	* N/A	294
Exceeding Legal or Safe Speed	230	27	59		316
Failure to Yield Right of Way	32	3	28		63
Crossing Over Center Line	87	3	9		99
Disregarding Signs or Signals	27	2	15		44
Falling Asleep or Inattention	60	4	21		85

*Driver violations come from investigated collisions only

DRIVER DISTRIBUTION By Age Group & Sex								
Age Group	Involved in Collisions				Licensed Drivers		Over/Under Ratio Drivers In:	
	Total		Fatal					
	Number	%	Number	%	Number	%	Total	Fatal
Under 16	716	0.39%	4	0.42%	0	0.00%	0.00	0.00
16	5,106	2.79%	19	1.99%	28,623	0.94%	2.96	2.11
17	6,681	3.65%	28	2.93%	43,168	1.42%	2.57	2.06
18	7,625	4.17%	42	4.39%	50,301	1.65%	2.52	2.66
19	6,831	3.73%	39	4.08%	55,061	1.81%	2.06	2.25
20	6,488	3.55%	26	2.72%	55,300	1.82%	1.95	1.50
21	7,639	4.17%	41	4.29%	63,691	2.09%	1.99	2.05
22	6,420	3.51%	49	5.13%	64,780	2.13%	1.65	2.41
23	6,672	3.65%	42	4.39%	70,870	2.33%	1.56	1.89
24	6,003	3.28%	30	3.14%	72,313	2.38%	1.38	1.32
25-29	26,835	14.66%	150	15.69%	388,118	12.76%	1.15	1.23
30-34	22,505	12.30%	99	10.36%	399,019	13.12%	0.94	0.79
35-39	18,679	10.21%	88	9.21%	370,651	12.19%	0.84	0.76
40-44	13,032	7.12%	65	6.80%	280,181	9.21%	0.77	0.74
45-49	9,314	5.09%	56	5.86%	211,626	6.96%	0.73	0.84
50-54	7,494	4.09%	34	3.56%	180,408	5.93%	0.69	0.60
55-59	6,818	3.73%	34	3.56%	175,660	5.78%	0.64	0.62
60-64	6,039	3.30%	24	2.51%	173,050	5.69%	0.58	0.44
65-69	4,632	2.53%	20	2.09%	145,014	4.77%	0.53	0.44
70 & Over	7,489	4.09%	66	6.90%	212,995	7.00%	0.58	0.99
TOTAL	183,018	100.00%	956	100.00%	3,040,829	100.00%		
Male	126,601	64.48%	741	77.43%	1,588,954	52.25%	1.23	1.48
Female	69,743	35.52%	216	22.57%	1,451,875	47.75%	0.74	0.47
TOTAL	196,344	100.00%	957	100.00%	3,040,829	100.00%		

Figure percentage on age based on 183,016 total drivers in collisions (does not include not stated).

Figure percentage on sex based on 196,344 drivers.

SENIOR DRIVER COLLISIONS - 55 YEARS & OLDER Five Year Comparison							
Collisions & Rates	Years					Previous 4 Year Average	% of Change 85 - 4 Year Average
	1985	1984	1983	1982	1981		
Total Collisions	24,978	23,630	22,897	20,736	22,073	22,334	11.8%
Fatal Collisions	144	149	153	119	123	136	5.9%
Injury Collisions	9,264	8,855	8,643	7,713	8,260	8,368	10.7%
Licensed Drivers	706,719	686,985	664,355	641,441	623,375	654,039	8.1%
Total Collision Ratio*	5.77	6.31	6.68	5.74	5.57	6.07	-5.1%
Total Rate**	0.20	0.22	0.23	0.19	0.20	0.21	-1.8%
Total Collision Rate***	3.53	3.44	3.45	3.23	3.54	3.41	3.5%

* Fatal Collisions per 1,000 total collisions

** Fatal Collisions per 1,000 licensed drivers

*** Senior drivers involved per 100 licensed

SENIOR DRIVER COLLISIONS - 55 YEARS & OLDER Percent of Total Circumstances by Age Group										
Contributing Circumstances*	55-59		60-64		65-69		70-74		75 & Older	
	Number	%	Number	%	Number	%	Number	%	Number	%
Failure to Yield Right of Way	839	27.2%	824	29.3%	861	35.7%	842	39.5%	1,283	45.0%
Speed--Too Fast For Conditions	511	16.6%	390	13.9%	258	10.7%	198	9.3%	191	6.7%
Disregarding Traffic Signal/Signs	240	7.8%	235	8.4%	228	9.5%	221	10.4%	293	10.3%
Following Too Closely	221	7.2%	190	6.8%	144	6.0%	119	5.6%	129	4.5%
Driving While Under the Influence	211	6.9%	149	5.3%	99	4.1%	43	2.0%	33	1.2%
Operating Defective Equipment	84	2.7%	78	2.8%	38	1.6%	21	1.0%	46	1.6%
Crossing Over the Centerline	65	2.1%	51	1.8%	53	2.2%	33	1.6%	38	1.3%
Exceeding Legal Speed	30	1.0%	25	0.9%	25	1.0%	13	0.6%	18	0.6%
All Other Circumstances including Driver Inattention	878	28.5%	867	30.9%	706	29.3%	639	30.0%	823	28.8%
TOTAL	3,079	100.0%	2,809	100.0%	2,412	100.0%	2,129	100.0%	2,854	100.0%

*Investigated collisions only

COLLISION RATES BY CITY POPULATION*
1985

City	1985 Population	Traffic Deaths		Traffic Injuries		Total Collisions	
		Number	Rate**	Number	Rate***	Number	Rate**
250,000 and Over							
1. Seattle	491,400	34	6.92	8,518	17.33	17,958	36.54
100,000 to 250,000							
1. Spokane	172,100	19	11.04	3,543	20.59	6,741	39.17
2. Tacoma	160,800	24	14.93	3,051	18.97	5,518	34.32
50,000 to 100,000							
1. Bellevue	80,250	3	3.74	1,062	13.23	2,288	28.51
2. Everett	57,030	3	5.26	824	14.45	1,926	33.77
25,000 to 50,000							
1. Yakima	49,510	2	4.04	775	15.65	1,890	38.17
2. Bellingham	46,360	4	8.63	510	11.00	1,280	27.61
3. Vancouver	42,760	4	9.35	616	14.41	1,384	32.37
4. Kennewick	36,990	1	2.70	309	8.35	830	22.44
5. Bremerton	37,760	5	13.24	552	14.62	1,169	30.96
6. Renton	34,030	3	8.82	726	21.33	1,477	43.40
7. Richland	30,508	2	6.56	330	10.82	697	22.85
8. Longview	30,300	1	3.30	462	15.25	812	26.80
9. Auburn	29,880	4	13.39	456	15.26	874	29.25
10. Olympia	28,560	2	7.00	582	20.38	1,179	41.28
11. Redmond	28,130	1	3.55	283	10.06	728	25.88
12. Edmonds	27,880	6	21.52	209	7.50	535	19.19
13. Kent	26,979	5	18.53	790	29.28	1,311	48.59
14. Walla Walla	25,640	4	15.60	240	9.36	616	24.02
15,000 to 25,000							
1. Lynnwood	23,400	3	12.82	556	23.76	1,067	45.60
2. Pullman	22,560	5	22.16	118	5.23	327	14.49
3. Mercer Island	20,620	0	0.00	83	4.03	230	11.15
4. Kirkland	19,205	1	5.21	243	12.65	591	30.77
5. Puyallup	19,180	0	0.00	288	15.02	626	32.64
6. Pasco	18,700	1	5.35	224	11.98	602	32.19
7. Wenatchee	17,360	1	5.76	201	11.58	671	38.65
8. Aberdeen	17,250	4	23.19	179	10.38	591	34.26
9. Port Angeles	17,200	2	11.63	208	12.09	461	26.80
10. Mountlake Terrace	15,900	0	0.00	121	7.61	255	16.04
10,000 to 15,000							
1. Lacey	15,200	1	6.58	171	14.34	382	25.13
2. Mount Vernon	14,210	0	0.00	218	11.12	445	31.32
3. Des Moines	13,500	2	14.81	158	6.74	272	20.15
4. Oak Harbor	12,617	2	15.85	91	11.89	190	15.06
5. Centralia	11,810	1	8.47	150	5.17	360	30.48
6. Ellensburg	11,670	1	8.57	61	14.22	211	18.08
7. Kelso	10,930	0	0.00	166	10.98	335	30.65
8. Moses Lake	10,370	1	9.64	120	11.57	320	30.86
TOTAL	1,728,549	152	8.79	27,194	15.73	57,149	33.06

*Does not include collisions on limited access roads or freeways

**Frequency per 100,000 population

***Frequency per 1,000 population

**COLLISION RATES BY COUNTY POPULATION
1985**

County	1985 Population	Traffic Deaths		Traffic Injuries		Total Collisions	
		Number	Rate*	Number	Rate**	Number	Rate**
Over 1,000,000							
1. King	1,346,400	163	12.11	22,405	16.64	43,956	32.65
250,000 to 500,000							
1. Pierce	524,900	75	14.29	8,524	16.24	14,662	27.93
2. Snohomish	373,000	60	16.09	5,027	13.48	9,388	25.17
3. Spokane	354,300	44	12.42	5,944	16.78	10,485	29.59
100,000 to 250,000							
1. Clark	203,400	34	16.72	2,461	12.10	4,335	21.31
2. Yakima	182,500	38	20.82	2,055	11.26	4,392	24.07
3. Kitsap	167,800	25	14.90	2,073	12.35	3,583	21.35
4. Thurston	139,500	20	14.34	1,981	14.20	3,565	25.56
5. Whatcom	116,000	16	13.79	1,403	12.09	2,833	24.42
6. Benton	105,200	17	16.16	1,050	9.98	2,279	21.66
50,000 to 100,000							
1. Cowlitz	79,600	14	17.59	1,099	13.81	1,958	24.60
2. Skagit	68,200	14	20.53	1,101	16.14	1,970	28.89
3. Grays Harbor	63,900	16	25.04	893	13.97	1,739	27.21
4. Lewis	56,500	19	33.63	823	14.57	1,545	27.35
5. Clallam	52,600	15	28.52	623	11.84	1,133	21.54
25,000 to 50,000							
1. Grant	49,900	13	26.05	528	10.58	1,097	21.98
3. Island	49,200	10	20.33	474	9.63	848	17.24
4. Chelan	48,500	23	47.42	640	13.20	1,407	29.01
2. Walla Walla	48,400	18	37.19	532	10.99	1,073	22.17
5. Whitman	39,600	20	50.51	384	9.70	746	18.84
6. Franklin	35,700	14	39.22	430	12.04	908	25.43
7. Mason	34,800	6	17.24	423	12.16	780	22.41
8. Okanogan	31,700	2	6.31	347	10.95	641	20.22
9. Stevens	30,100	16	53.16	264	8.77	455	15.12
10,000 to 25,000							
1. Kittitas	25,000	11	44.00	485	19.40	1,061	42.44
2. Douglas	22,900	6	26.20	240	10.48	459	20.04
3. Pacific	17,500	10	57.14	205	11.71	326	18.63
4. Jefferson	17,500	5	28.57	309	17.66	489	27.94
5. Asotin	17,000	3	17.65	87	5.12	227	13.35
6. Klickitat	16,700	2	11.98	153	9.16	323	19.34
7. Adams	13,800	13	94.20	211	15.29	348	25.22
Under 10,000							
1. Lincoln	9,700	6	61.86	112	11.55	159	16.39
2. Pend Oreille	9,100	0	0.00	95	10.44	163	17.91
3. San Juan	8,900	0	0.00	58	6.52	138	15.51
4. Skamania	7,900	4	50.63	114	14.43	205	25.95
5. Ferry	6,100	1	16.39	101	16.56	132	21.64
6. Columbia	4,100	0	0.00	57	13.90	108	26.34
7. Wahkiakum	3,700	1	27.03	61	16.49	84	22.70
8. Garfield	2,500	2	80.00	34	13.60	56	22.40
TOTAL	4,384,100	756	17.24	63,806	14.55	120,056	27.38

*Frequency per 100,000 population

**Frequency per 1,000 population

MOTORCYCLE COLLISIONS SUMMARY
Five Year Comparison

Collision Severity/Exposure & Rates	Years					Previous 4 Year Average	% of Change 85 - 4 Year Average
	1985	1984	1983	1982	1981		
Total Collisions	3,699	3,477	3,312	3,376	3,728	3,473	6.50%
Fatal Collisions	82	69	77	103	104	88	-7.08%
Fatal Collision Ratio*	22.2	19.8	23.2	30.5	27.9	25.4	-12.64%
Motorcycle Registration	125,224	126,703	127,950	131,667	139,931	131,563	-4.82%
Total Collision Registration Rate**	2.95	2.74	2.59	2.56	2.66	2.64	11.88%
Fatal Registration Rate***	0.655	0.545	0.602	0.782	0.743	0.668	-1.97%
Total Persons Killed	85	75	77	109	105	92	-7.10%
Total Persons Injured	3,884	3,656	3,555	3,341	3,970	3,631	6.98%
Motorcyclist Killed	82	72	77	108	101	90	-8.38%
Motorcyclist Injured	3,631	3,434	3,351	3,289	3,701	3,444	5.44%

*Fatal Collisions per 1,000 motorcycle collisions

**Motorcycle involved per 100 registered

***Fatal Collisions per 1,000 motorcycles registered

SOBRIETY OF DRIVERS INVOLVED IN FATAL COLLISIONS
Statewide Comparison

Condition of Driver (Sobriety)	Years		Previous 3 Year Average	% of Change	
	1985	1984		85-84	85 - 3 Year Average
Had been drinking - ability impaired	292	307	300	-4.9%	-2.7%
Had been drinking - ability not impaired	43	52	43	-17.3%	0.8%
Had been drinking - sobriety unknown	11	11	31	0.0%	-64.5%
Had not been drinking	577	574	522	0.5%	10.6%
Not stated	45	41	51	9.8%	-11.2%
Total drivers drinking	346	370	374	-6.5%	-7.4%
Total drivers - excluding not stated	923	944	895	-2.2%	3.1%
Total drivers	968	985	946	-1.7%	2.3%
No. drinking drivers per 100 involved	37.5	39.2	41.7	-4.4%	-10.1%
No. drunk drivers per 100 involved	31.6	32.5	33.5	-2.8%	-5.4%

SOBRIETY OF DRIVERS INVOLVED IN FATAL COLLISIONS
Rural Comparison

Condition of Driver (Sobriety)	Years		Previous 3 Year Average	% of Change	
	1985	1984		85-84	85 - 3 Year Average
Had been drinking - ability impaired	223	246	236	-9.3%	-5.6%
Had been drinking - ability not impaired	29	35	30	-17.1%	-4.4%
Had been drinking - sobriety unknown	6	6	22	0.0%	-72.7%
Had not been drinking	433	422	381	2.6%	13.5%
Not stated	21	24	26	-12.5%	-18.2%
Total drivers drinking	258	287	289	-10.1%	-10.6%
Total drivers - excluding not stated	691	709	670	-2.5%	3.1%
Total drivers	712	733	696	-2.9%	2.3%
No. drinking drivers per 100 involved	37.3	40.5	43.0	-7.8%	-13.2%
No. drunk drivers per 100 involved	32.3	34.7	35.2	-7.0%	-8.2%

SOBRIETY OF DRIVERS INVOLVED IN FATAL COLLISIONS Urban Comparison					
Condition of Driver (Sobriety)	Years		Previous 3 Year Average	% of Change	
	1985	1984		85-84	85 - 3 Year Average
Had been drinking - ability impaired	69	61	64	13.1%	8.4%
Had been drinking - ability not impaired	14	17	12	-17.6%	13.5%
Had been drinking - sobriety unknown	5	5	9	0.0%	-44.4%
Had not been drinking	144	152	140	-5.3%	2.6%
Not stated	24	17	25	41.2%	-4.0%
Total drivers drinking	88	83	85	6.0%	3.5%
Total drivers - excluding not stated	232	235	225	-1.3%	3.0%
Total drivers	256	252	250	1.6%	2.3%
No. drinking drivers per 100 involved	37.9	35.3	37.8	7.4%	0.4%
No. drunk drivers per 100 involved	29.7	26.0	28.3	14.6%	5.1%

SOBRIETY OF DRIVERS INVOLVED IN ALL INVESTIGATED COLLISIONS Statewide Comparison					
Condition of Driver (Sobriety)	Years		Previous 3 Year Average	% of Change	
	1985	1984		85-84	85 - 3 Year Average
Had been drinking - ability impaired	8,689	9,173	9,606	-5.3%	-9.5%
Had been drinking - ability not impaired	3,430	3,634	3,751	-5.6%	-8.6%
Had been drinking - sobriety unknown	4,623	4,493	4,704	2.9%	-1.7%
Had not been drinking	122,244	113,957	105,669	7.3%	15.7%
Not stated	16,163	15,393	14,518	5.0%	11.3%
Total drivers drinking	16,742	17,300	18,062	-3.2%	-7.3%
Total drivers - excluding not stated	138,986	131,257	123,731	5.9%	12.3%
Total drivers	155,149	146,650	138,249	5.8%	12.2%
No. drinking drivers per 100 involved	12.0	13.2	14.7	-8.6%	-17.9%
No. drunk drivers per 100 involved	6.3	7.0	7.8	-10.5%	-19.9%

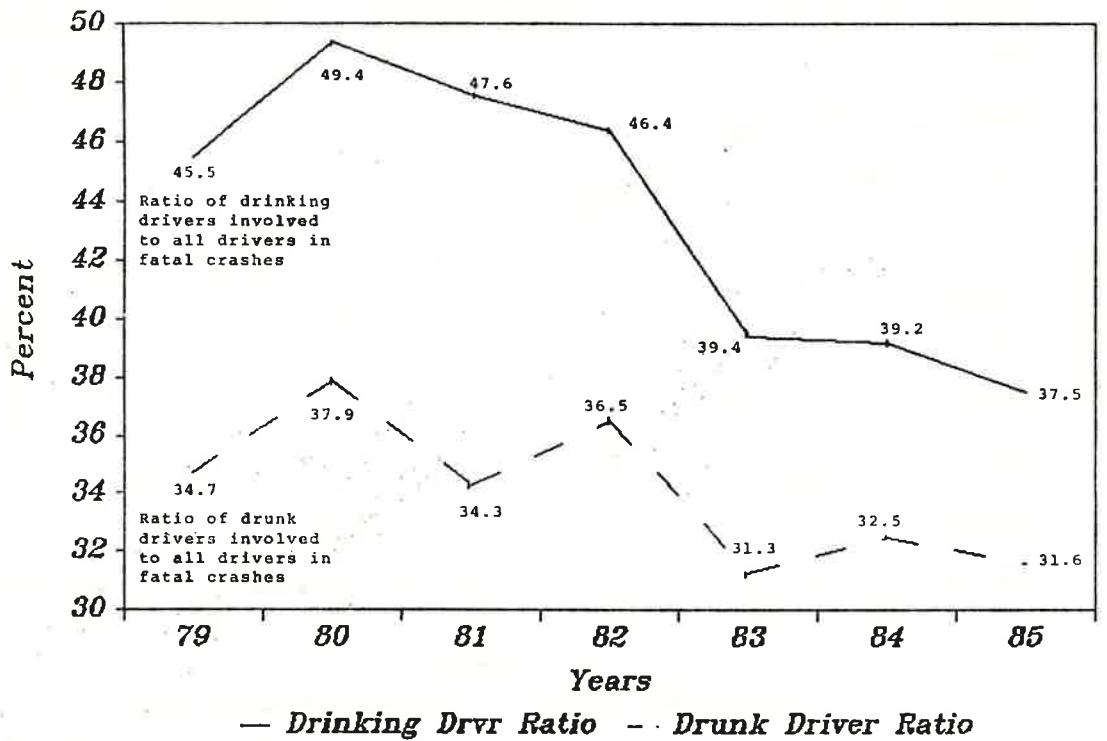
SOBRIETY OF DRIVERS INVOLVED IN ALL INVESTIGATED COLLISIONS
Rural Comparison

Condition of Driver (Sobriety)	Years		Previous 3 Year Average	% of Change	
	1985	1984		85-84	85 - 3 Year Average
Had been drinking - ability impaired	4,818	5,067	5,230	-4.9%	-7.9%
Had been drinking - ability not impaired	1,609	1,766	1,834	-8.9%	-12.3%
Had been drinking - sobriety unknown	2,217	2,242	2,466	-1.1%	-10.1%
Had not been drinking	48,971	45,443	42,791	7.8%	14.4%
Not stated	4,209	4,076	3,983	3.3%	5.7%
Total drivers drinking	8,644	9,075	9,529	-4.7%	-9.3%
Total drivers - excluding not stated	57,615	54,518	52,320	5.7%	10.1%
Total drivers	61,824	58,594	56,303	5.5%	9.8%
No. drinking drivers per 100 involved	15.0	16.6	18.3	-9.9%	-17.9%
No. drunk drivers per 100 involved	8.4	9.3	10.0	-10.0%	-16.6%

SOBRIETY OF DRIVERS INVOLVED IN ALL INVESTIGATED COLLISIONS
Urban Comparison

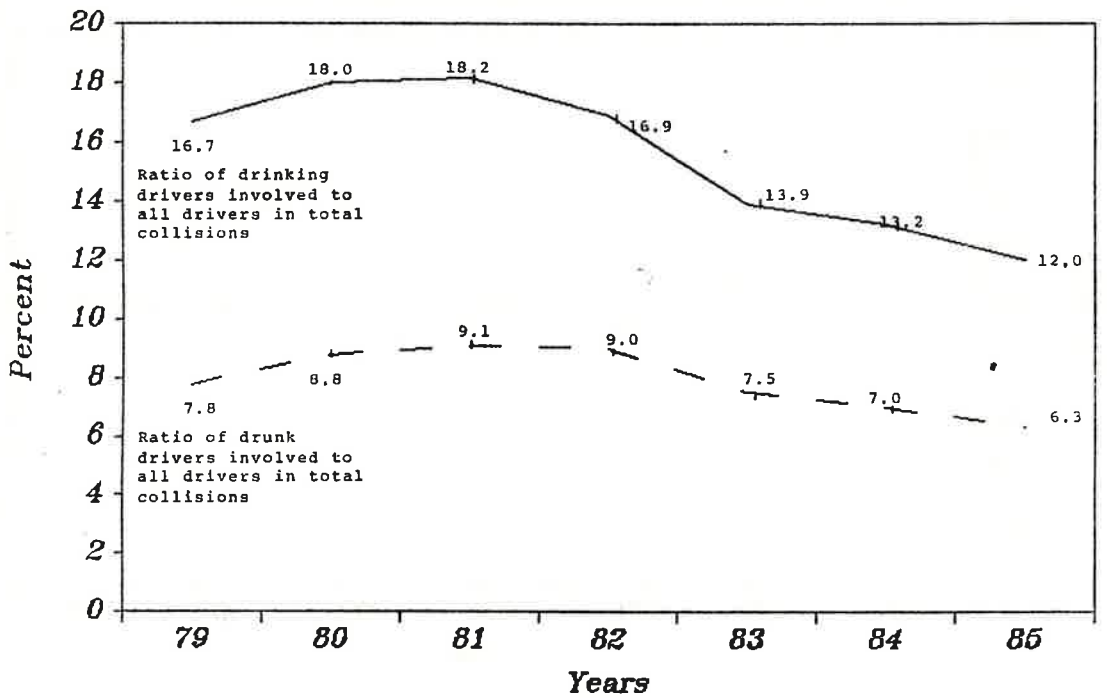
Condition of Driver (Sobriety)	Years		Previous 3 Year Average	% of Change	
	1985	1984		85-84	85 - 3 Year Average
Had been drinking - ability impaired	3,871	4,106	4,377	-5.7%	-11.6%
Had been drinking - ability not impaired	1,821	1,868	1,918	-2.5%	-5.0%
Had been drinking - sobriety unknown	2,406	2,251	2,238	6.9%	7.5%
Had not been drinking	73,273	68,514	62,878	6.9%	16.5%
Not stated	11,954	11,307	10,865	5.7%	10.0%
Total drivers drinking	8,098	8,225	8,533	-1.5%	-5.1%
Total drivers - excluding not stated	81,371	76,739	71,410	6.0%	13.9%
Total drivers	93,325	88,046	82,276	6.0%	13.4%
No. drinking drivers per 100 involved	10.0	10.7	12.0	-7.1%	-17.4%
No. drunk drivers per 100 involved	4.8	5.4	6.2	-11.1%	-23.0%

DRIVERS INVOLVED IN FATAL CRASHES

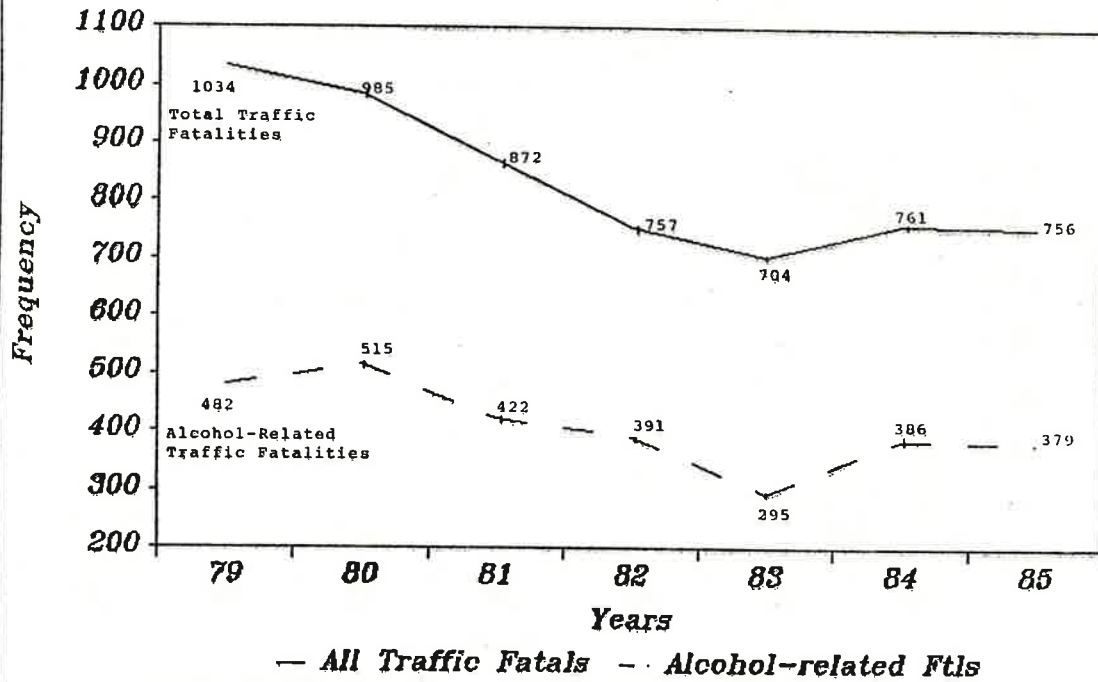


Ratio of drinking drivers is to all drivers involved in fatal crashes; ratio of drunk drivers is also to all drivers

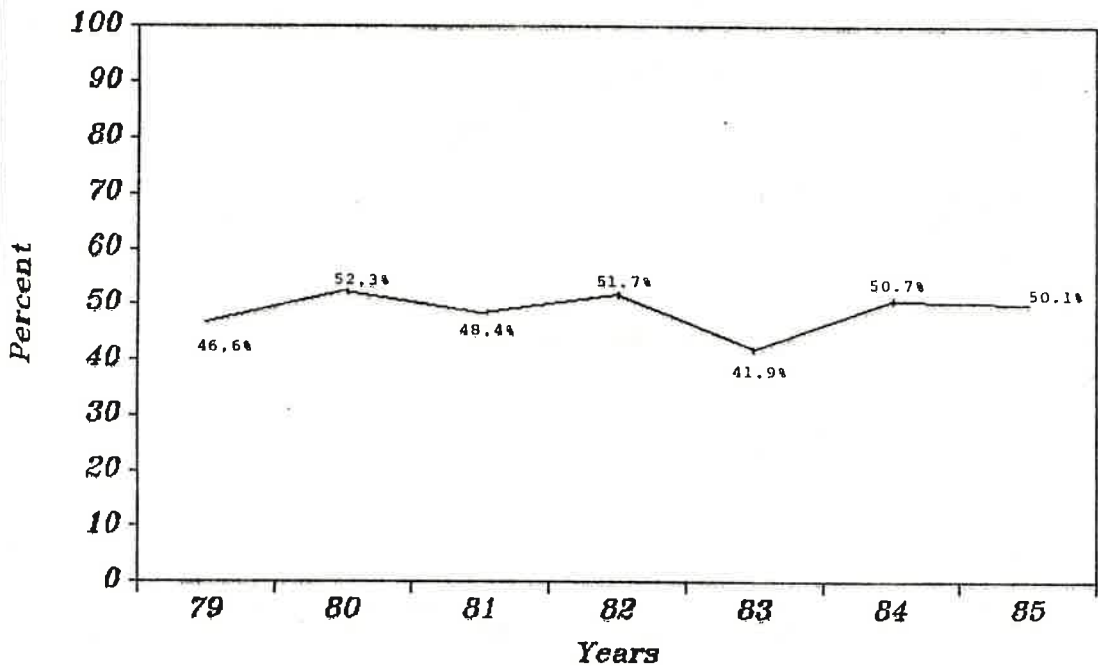
DRIVERS INVOLVED IN TOTAL COLLISIONS



**COMPARISON OF ALCOHOL-RELATED
FATALITIES TO TOTAL TRAFFIC FATALITIES
(1979-1985)**



**PERCENT OF ALCOHOL-RELATED FATALITIES
TO TOTAL FATALITIES (1979-1985)**



TOXICOLOGIST RESULTS OF DRIVERS KILLED IN FATAL COLLISIONS
Five Year Comparison

Age	Negative Result					Results Less Than .10					Results .10 & Over					Average Test Results*				
	1985	1984	1983	1982	1981	1985	1984	1983	1982	1981	1985	1984	1983	1982	1981	1985	1984	1983	1982	1981
16	6	7	4	5	8	0	0	0	0	0	1	2	0	1	0	0.13	0.22	0.00	0.20	0.00
17	5	3	3	4	2	1	0	3	2	2	4	3	2	2	3	0.13	0.12	0.12	0.13	0.11
18	11	9	3	7	7	2	0	3	1	3	8	5	5	7	8	0.15	0.20	0.12	0.16	0.08
19	4	7	2	6	2	3	3	0	0	2	3	6	2	9	10	0.11	0.12	0.19	0.20	0.07
20	3	3	4	4	8	4	1	4	1	1	3	7	10	10	8	0.10	0.16	0.20	0.17	0.16
21	4	4	2	3	4	0	4	0	0	3	7	5	5	10	11	0.19	0.13	0.20	0.19	0.14
22	10	7	2	7	1	3	3	0	2	2	11	10	3	7	10	0.16	0.16	0.15	0.17	0.19
23	8	4	3	1	4	0	2	1	0	1	10	13	11	5	10	0.19	0.20	0.17	0.17	0.20
24	6	6	2	4	5	0	1	1	2	2	5	9	7	6	11	0.17	0.21	0.19	0.17	0.17
25	0	3	3	4	4	1	0	0	1	1	10	9	6	5	7	0.21	0.22	0.16	0.17	0.19
26	5	4	6	1	4	1	1	2	1	2	6	5	10	9	9	0.20	0.17	0.19	0.18	0.17
27	5	1	3	1	4	5	2	0	0	1	2	6	5	6	5	0.10	0.17	0.19	0.21	0.18
28	7	4	6	5	5	0	0	0	1	1	12	8	5	15	8	0.23	0.23	0.19	0.22	0.17
29	3	3	3	1	2	1	0	0	0	0	10	3	6	5	5	0.19	0.23	0.20	0.17	0.21
30	2	2	2	7	5	0	1	2	2	2	3	3	8	2	8	0.22	0.22	0.17	0.14	0.16
31	2	3	1	1	3	1	0	1	0	2	8	3	5	8	6	0.18	0.18	0.20	0.23	0.13
32	7	4	2	0	4	0	0	0	0	0	2	4	4	1	6	0.19	0.22	0.23	0.31	0.18
33	3	3	1	2	3	0	1	0	0	2	2	5	1	3	7	0.20	0.19	0.28	0.17	0.17
34	3	0	2	1	3	0	0	1	0	0	6	3	2	7	3	0.20	0.20	0.16	0.18	0.17
35	2	0	4	3	5	0	0	0	1	0	7	4	4	2	1	0.22	0.20	0.17	0.16	0.28
36	4	4	0	1	3	1	1	0	0	0	2	6	1	3	0	0.13	0.18	0.12	0.16	--
37	1	3	1	3	3	0	1	0	0	1	3	4	3	1	5	0.18	0.21	0.14	0.25	0.14
38	7	2	1	0	3	0	0	0	1	0	1	3	1	1	4	0.24	0.23	0.14	0.11	0.18
39	1	2	3	1	0	0	0	0	0	0	2	2	2	5	3	0.20	0.16	0.21	0.20	0.19
40	1	2	2	1	3	0	1	0	1	0	4	2	3	4	3	0.18	0.18	0.20	0.14	0.19
41-45	14	9	3	6	8	1	2	1	1	1	10	9	8	16	15	0.13	0.16	0.19	0.17	0.17
46-50	6	7	4	1	7	0	3	3	2	3	10	5	4	8	9	0.24	0.17	0.13	0.18	0.20
51-55	6	8	6	8	4	0	3	2	1	1	1	3	3	7	9	0.23	0.15	0.18	0.20	0.18
56-60	5	8	3	6	9	2	1	1	1	0	4	4	3	5	4	0.19	0.19	0.16	0.21	0.24
61-65	11	11	2	3	5	0	0	0	0	0	0	4	3	2	1	0.00	0.20	0.19	0.21	0.23
66 & Over	22	23	14	15	12	2	0	1	0	1	3	3	2	2	3	0.13	0.17	0.13	0.14	0.16
TOTAL	174	156	97	112	140	28	31	26	21	34	160	158	134	174	192	0.18	0.17	0.18	0.17	0.18
% of Tested Drivers	47.5	37.2	36.4	37.4	29.4	7.7	8.9	10.0	6.8	9.1	43.7	45.4	51.3	56.5	51.3					
% of Change 85 - 3 Year Avg				28.4%					-10.1%					-14.4%						4.0%

ALL REPORTED ACCIDENTS & ALCOHOL INVOLVED ACCIDENTS
Comparison of Miles Traveled

Driver Age	% of Vehicle Miles Traveled*	Drivers in All Accidents**		Alcohol Involved Accidents	
		%	Over/Under Ratio	%	Over/Under Ratio
16-17	1.95	6.47%	3.32%	3.71%	1.90%
18	1.97	4.18%	2.12%	4.07%	2.07%
19	2.31	3.75%	1.62%	4.12%	1.78%
20	2.74	3.56%	1.30%	4.72%	1.72%
21	2.31	4.19%	1.81%	7.19%	3.11%
22-24	8.38	10.47%	1.25%	15.73%	1.88%
25-34	27.40	27.07%	0.99%	33.19%	1.21%
35-44	19.48	17.39%	0.89%	14.84%	0.76%
45-54	17.53	9.22%	0.53%	6.40%	0.37%
55-64	10.73	7.05%	0.66%	3.76%	0.35%
65 & Over	5.10	6.65%	1.30%	2.26%	0.44%

* Source - National Accident Sampling Systems (NASS) 1979-1980

** Source - Accident Records Unit - Washington State Patrol

COMPARISON OF ALCOHOL-RELATED COLLISIONS
By Motor Vehicle Travel by County

County	Collisions				Alcohol-related Collisions by Type			
	Total	%	% of Motor Veh Travel	Over/Under Ratio	Cities	State Routes	County Roads	Other Roadways
Adams	49	0.31%	0.99	-0.31%	10	22	16	1
Asotin	38	0.24%	0.30	-0.79%	19	8	11	0
Benton	250	1.56%	2.85	-0.55%	166	44	40	0
Chelan	195	1.22%	1.18	1.03%	89	44	58	4
Clallam	182	1.14%	1.24	-0.92%	62	68	39	13
Clark	593	3.70%	4.35	-0.85%	217	93	282	1
Columbia	14	0.09%	0.16	-0.55%	4	4	3	3
Cowlitz	269	1.68%	2.57	-0.65%	167	44	58	0
Douglas	81	0.51%	0.58	-0.87%	14	39	28	0
Ferry	31	0.19%	0.17	-1.14%	4	13	13	1
Franklin	118	0.74%	1.15	-0.64%	81	17	20	0
Garfield	8	0.05%	0.14	-0.36%	3	2	3	0
Grant	153	0.96%	2.02	-0.47%	50	48	52	3
Grays Harbor	336	2.10%	1.87	-1.12%	163	87	73	13
Island	129	0.81%	0.69	1.17%	19	41	67	2
Jefferson	83	0.52%	0.48	1.08%	20	30	30	3
King	4,850	30.28%	29.15	1.04%	3,160	531	1,142	17
Kitsap	687	4.29%	2.69	1.59%	201	145	337	4
Kittitas	108	0.67%	2.04	-0.33%	22	58	26	2
Klickitat	62	0.39%	0.60	-0.65%	16	28	18	0
Lewis	224	1.40%	2.06	-0.68%	79	59	80	6
Lincoln	34	0.21%	0.62	-0.34%	6	17	11	0
Mason	157	0.98%	0.82	1.20%	21	59	74	3
Okanogan	120	0.75%	0.62	1.21%	26	41	50	3
Pacific	76	0.47%	0.53	-0.90%	18	34	21	3
Pend Oreille	23	0.14%	0.27	-0.53%	2	7	13	1
Pierce	2,206	13.77%	19.81	-0.70%	1,076	401	727	2
San Juan	23	0.14%	0.05	2.87%	6	0	17	0
Skagit	314	1.96%	2.14	-0.92%	110	99	104	1
Skamania	36	0.22%	0.24	-0.94%	5	13	13	5
Snohomish	1,413	8.82%	6.96	1.27%	689	224	496	4
Spokane	1,244	7.77%	8.12	-0.96%	735	185	323	1
Stevens	102	0.64%	0.71	-0.90%	13	45	41	3
Thurston	473	2.95%	3.66	-0.81%	197	71	202	2
Wahkiakum	24	0.15%	0.14	1.07%	6	15	3	0
Walla Walla	143	0.89%	0.83	1.08%	82	26	35	0
Whatcom	405	2.53%	2.30	1.10%	192	64	140	9
Whitman	92	0.57%	1.13	-0.51%	36	37	19	0
Yakima	672	4.20%	3.75	1.12%	285	113	264	10
TOTAL	16,017							

RESTRAINT USAGE RATE Five Year Comparison										
Status	1985 %		1984 %		1983 %		1982 %		1981 %	
Restraints Used	60,392	35.1%	45,214	28.0%	31,751	21.0%	24,763	17.8%	25,190	15.9%
No Restraints Used	111,885	64.9%	116,299	72.0%	119,670	79.0%	114,686	82.2%	132,921	84.1%
TOTAL	172,277	100.0%	161,513	100.0%	151,421	100.0%	139,449	100.0%	158,111	100.0%

TYPES OF RESTRAINTS USED By Severity of Injury												
Type	Number Used		Deaths		Disabling Inj		Evident Inj		Possible Inj		No Injury	
	Number	%	Number	%	Number	%	Number	%	Number	%	Number	%
Lap Belt	17,847	10.4%	17	3.2%	278	5.5%	1,430	8.1%	1,952	9.4%	14,170	11.1%
Shoulder Belt	3,002	1.7%	1	0.2%	43	0.8%	202	1.1%	397	1.9%	2,359	1.8%
Lap & Shoulder Belt	37,262	21.6%	47	8.9%	583	11.5%	2,683	15.2%	5,019	24.1%	28,930	22.6%
Child Restraint	2,252	1.3%	1	0.2%	25	0.5%	122	0.7%	142	0.7%	1,962	1.5%
Air Bag (Activated)	13	0.0%	0	0.0%	1	0.0%	0	0.0%	2	0.0%	10	0.0%
No Restraints	111,859	64.9%	463	87.5%	4,149	81.7%	13,269	74.9%	13,344	64.0%	80,634	63.0%
TOTAL OCCUPANTS	172,235	100.0%	529	100.0%	5,079	100.0%	17,706	100.0%	20,856	100.0%	128,065	100.0%

*Less than 1/10 of 1 percent

RESTRAINT USAGE & INJURIES SUSTAINED* By Type								
Type	Restraints Used		Child Restraints*		No Restraints		Total Occupants	
	Number	%	Number	%	Number	%	Number	%
Deaths	66	0.1%	1	0.0%	463	0.4%	529	0.3%
Disabling Injuries	930	1.5%	25	1.1%	4,149	3.7%	5,079	2.9%
Evident Injuries	4,437	7.3%	122	5.4%	13,269	11.9%	17,706	10.3%
Possible Injuries	7,512	12.4%	142	6.3%	13,344	11.9%	20,856	12.1%
No Injuries	47,431	78.6%	1,962	87.1%	80,634	72.1%	128,065	74.4%
TOTAL	60,376	100.0%	2,252	100.0%	111,859	100.0%	172,235	100.0%

*Excludes cases where injury severity was not stated or where restraint use was unknown.

**Included with Restraints Used Category.

USAGE RATES BY SEX* Five Year Comparison					
Occupant	Percent Used Restraints				
	1985	1984	1983	1982	1981
Male Driver	34.3	27.3	22.0	19.1	17.4
Female Driver	38.8	31.4	23.6	20.0	18.2
Male Passenger	29.4	26.4	14.8	11.2	9.9
Female Passenger	36.0	28.4	18.9	15.3	12.6

*Excludes occupants where restraint use was unknown

USAGE RATES BY AGE* Five Year Comparison					
Occupant	Percent Used Restraints				
	1985	1984	1983	1982	1981
Age 0-5	73.1	66.8	42.3	32.2	26.1
Age 6-15	31.3	24.9	14.8	11.5	9.6
Age 16-19	25.4	19.6	14.0	11.5	11.7
Age 20-24	28.5	22.0	16.3	14.3	13.4
Age 25-34	36.6	29.5	23.0	19.6	17.5
Age 35-64	39.7	32.0	23.3	22.2	20.3
Age 65 & Up	34.7	27.6	21.4	18.3	19.5

*Excludes occupants where restraint use was unknown

PEDESTRIANS KILLED & INJURED IN VEHICLE COLLISIONS Five Year Comparison							
Severity by Area	Years					Previous 4 Year Average	% of Change 85 - 4 Year Average
	1985	1984	1983	1982	1981		
Statewide							
Pedestrians Killed	89	97	89	101	121	102	-12.75%
Pedestrians Injured	1,763	1,710	1,701	1,705	1,696	1,703	3.52%
Rural Areas							
Pedestrians Killed	45	51	44	55	69	55	-17.81%
Pedestrians Injured	483	449	471	496	457	468	3.15%
Urban Areas*							
Pedestrians Killed	44	46	45	46	52	47	-6.88%
Pedestrians Injured	1,280	1,261	1,230	1,209	1,239	1,235	3.66%

* 2,500 population and greater

ACTIONS OF PEDESTRIANS KILLED & INJURED Urban & Rural Areas										
Action	Killed		Killed/Injured		Age					Number Not Stated
	Number	%	Number	%	0-4	5-14	15-24	25-64	65+	
Urban:										
Crossing, entering roadway at intersection	12	27.3%	600	45.2%	10	104	103	246	117	20
Not at intersection	16	36.4%	404	30.5%	48	145	58	107	31	15
Walking with traffic	0	0.0%	27	2.0%	1	4	8	12	1	1
Walking against traffic	1	2.3%	10	0.8%	0	0	5	3	1	1
Standing or working in roadway	0	0.0%	67	5.1%	1	3	19	39	3	2
Playing in roadway	2	4.5%	29	2.2%	6	16	5	2	0	0
Lying in roadway	1	2.3%	4	0.3%	0	0	1	3	0	0
Not in roadway	5	11.4%	78	5.9%	2	7	19	43	4	3
Other & Not Stated	7	15.9%	107	8.1%	3	10	26	47	9	12
TOTAL URBAN	44	100.0%	1,326	100.0%	71	289	244	502	166	54
% of Total Killed or Injured					5.4%	21.8%	18.4%	37.9%	12.5%	4.1%
Rural:										
Crossing, entering roadway at intersection	7	15.6%	84	15.9%	2	19	22	30	8	3
Not at intersection	15	33.3%	166	31.4%	13	66	30	35	15	7
Walking with traffic	5	11.1%	32	6.1%	0	6	14	8	1	3
Walking against traffic	2	4.4%	11	2.1%	0	2	4	5	0	0
Standing or working in roadway	4	8.9%	48	9.1%	0	0	16	28	3	1
Playing in roadway	0	0.0%	18	3.4%	0	7	11	0	0	0
Lying in roadway	4	8.9%	6	1.1%	0	1	1	3	1	0
Not in roadway	5	11.1%	100	18.9%	0	15	38	40	2	5
Other & Not Stated	3	6.7%	63	11.9%	0	7	18	29	6	3
TOTAL RURAL	45	100.0%	528	100.0%	15	123	154	178	36	22
% of Total Killed or Injured					2.8%	23.3%	29.2%	33.7%	6.8%	4.2%

