



**A Review  
Of Traffic Collisions  
In  
Washington  
1982**

WASHINGTON TRAFFIC SAFETY COMMISSION

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Olympia, Washington 98504  
(206) 753-6197

# A REVIEW OF TRAFFIC COLLISIONS IN WASHINGTON - 1982

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WASHINGTON 1982  
A RECAP OF TRAFFIC COLLISIONS

<u>CATEGORY</u>	<u>1982</u>	<u>CHANGE FROM 1981</u>
PERSONS KILLED	757	-13.2%
DEATH RATE PER 100 MILLION MILES	2.49	-13.2%
FATAL COLLISIONS	679	-14.1%
PERSONS INJURED	54,789	-10.3%
TOTAL REPORTED COLLISIONS	100,644	-10.1%
ESTIMATED ECONOMIC LOSS	\$495,000,000	- 5.7%
MILES TRAVELLED (IN MILLIONS)	30,353.0	- *
LICENSED DRIVERS	2,774,212	+ 1.5%
REGISTERED VEHICLES	3,313,348	- 2.8%
POPULATION	4,264,000	+ 0.4%

\*LESS THAN ½ OF 1%

HIGHLIGHTS FOR 1982

DRINKING DRIVER COLLISIONS

DWI Drivers Involved in Total Collisions	10,379	-10.6%
Ratio - DWI Per 100 Involved	9.0	1981 = 9.0
DWI Drivers Involved in Fatal Collision	333	- 8.5%
Ratio - DWI Drivers Per 100	36.5	1981 = 34.3
Had Been Drinking (In Total Collisions)	19,577	-15.7%
Ratio - HBD Drivers Per 100	16.9	1981 = 18.2
Had Been Drinking (In Fatal Collisions)	423	-16.4%
Ratio - HBD Drivers Per 100	46.4	1981 = 47.6

## HIGHLIGHTS FOR 1982

<u>COLLISIONS BY LOCATION</u>	<u>1982</u>	<u>CHANGE FROM 1981</u>
Interstate & Other Full Control - All	9,735	+ 2.1%
Interstate & Other Full Control - Fatal	86	-21.1%
Other State Routes - All Collisions	20,886	-12.8%
Other State Routes - Fatal Collisions	247	-12.1%
County Roads - All Collisions	22,911	-11.5%
County Roads - Fatal Collisions	215	-15.4%
City Streets - All Collisions	46,405	-10.6%
City Streets - Fatal Collisions	116	-12.1%

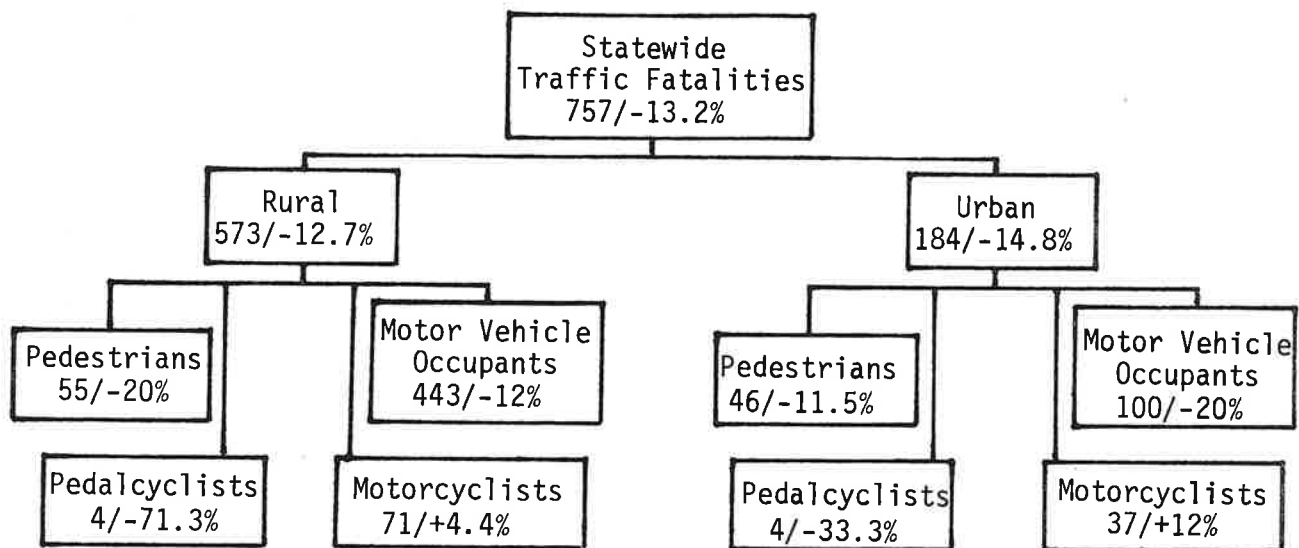
### COLLISIONS BY TYPE

Collisions With Other Motor Vehicles - All	72,553	-10.8%
Collisions With Other Motor Vehicles - Fatal	247	-14.8%
One Car (Fixed Object-Overtuned, Etc.) - All	24,265	- 9.7%
One Car (Fixed Object-Overtuned, Etc.) - Fatal	326	- 7.1%
Collision With Pedestrian - All Collisions	1,618	- 0.5%
Collision With Pedestrian - Fatal Collisions	94	-13.8%
Collision With Pedalcyclist - All Collisions	1,056	- 2.5%
Collision With Pedalcyclist - Fatal Collisions	8	-60.0%
All Others (RR Train, Animal)-All Collisions	1,152	+ 3.3%
All Others (RR Train, Animal)-Fatal Collisions	4	-66.7%

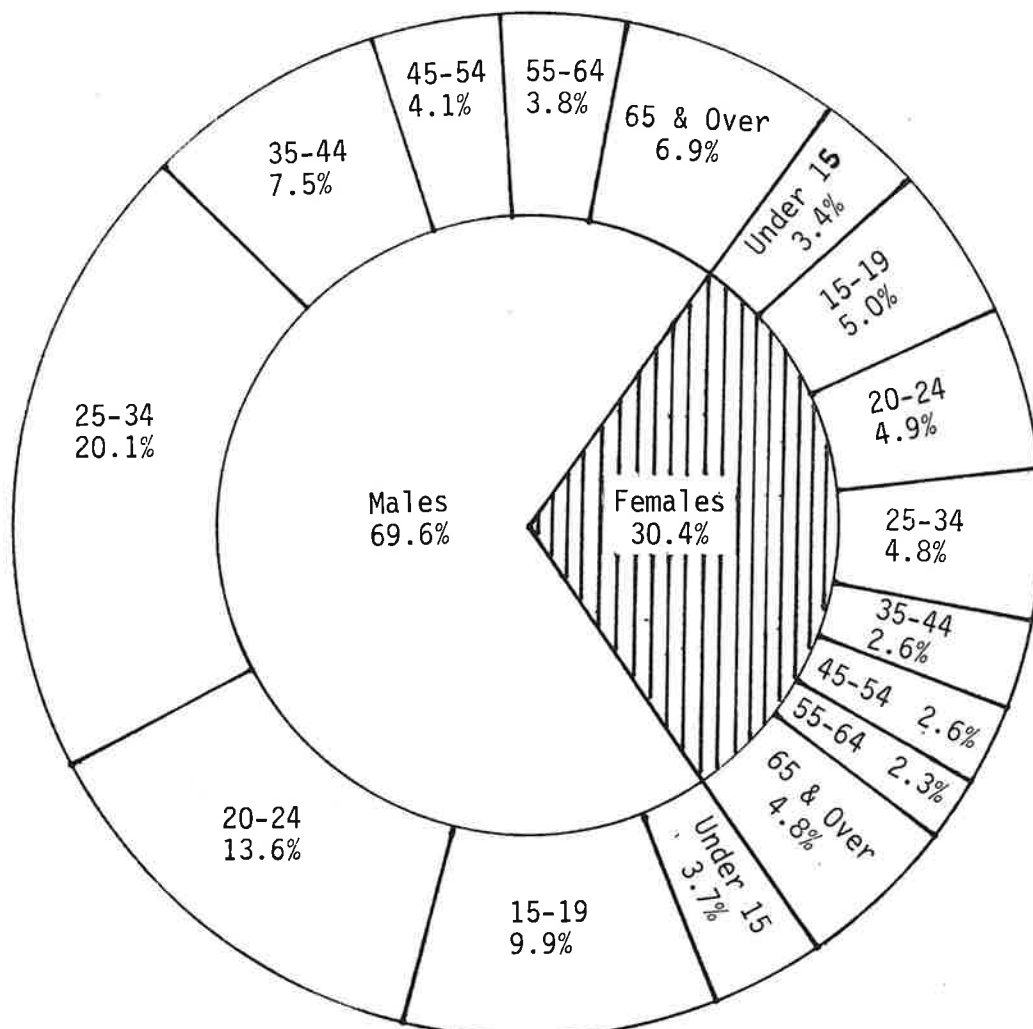
### COLLISIONS BY TYPE OF VEHICLE

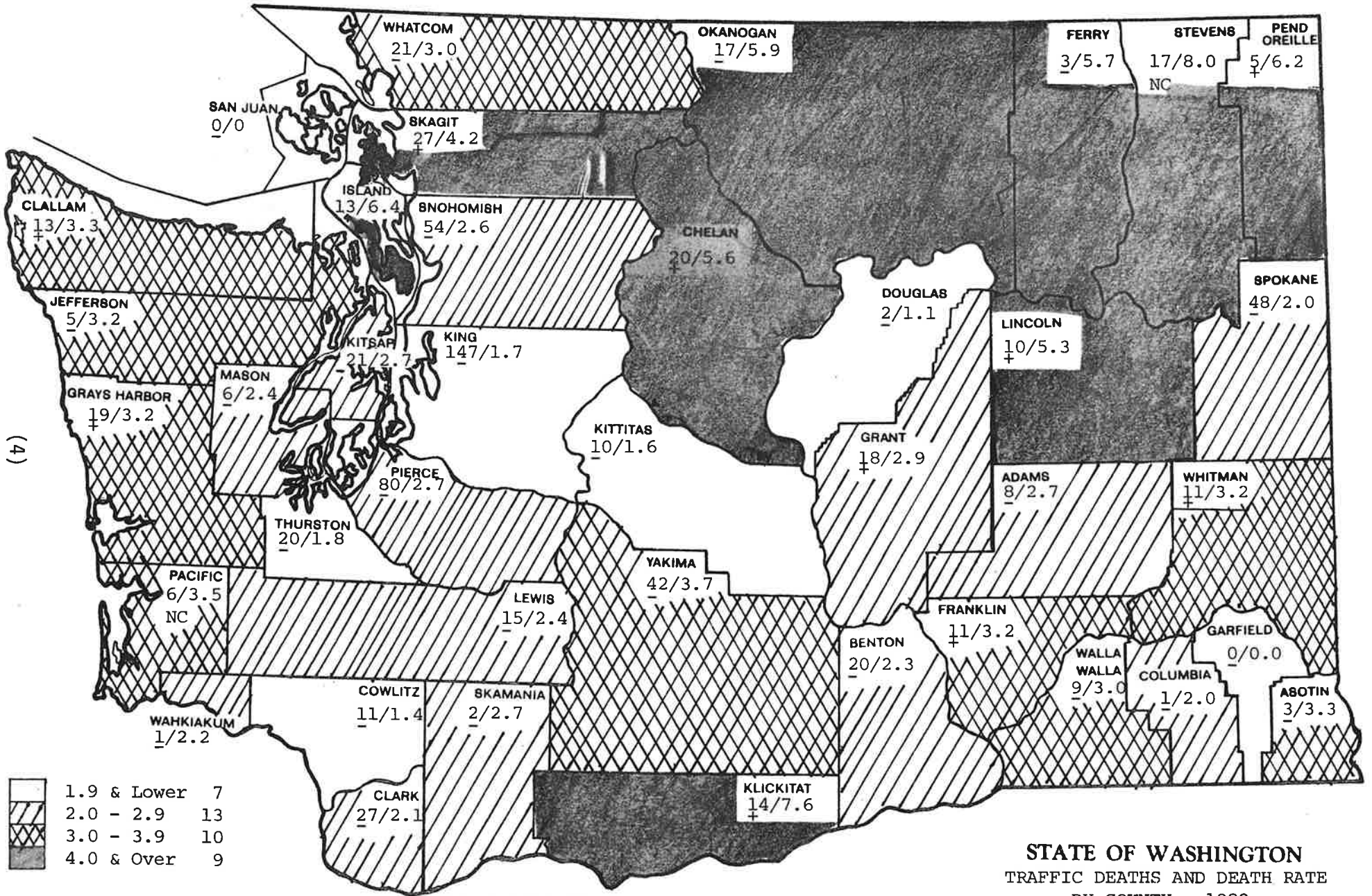
Passenger Cars Involved in All Collisions	129,544	-11.4%
Passenger Cars Involved in Fatal Collisions	586	-20.8%
Lightweight Trucks Involved in All Collisions	34,538	- 6.7%
Lightweight Trucks Involved in Fatal Collisions	221	+ 8.3%
Heavy Trucks (Over 10,000) in All Collisions	5,822	- 4.9%
Heavy Trucks (Over 10,000) in Fatal Collisions	63	-35.1%
Motorcycles Involved in All Collisions	3,424	- 9.8%
Motorcycles Involved in Fatal Collisions	104	- 1.9%

TRAFFIC FATALITIES  
In 1982 and  
Percent of Change from 1981



TRAFFIC FATALITIES BY AGE & SEX  
1982





TRAFFIC DEATHS/DEATH RATE  
757/2.5

- = Less Than 1981  
+ = More Than 1981

**STATE OF WASHINGTON**  
TRAFFIC DEATHS AND DEATH RATE  
BY COUNTY - 1982  
STATEWIDE DEATH RATE 2.5

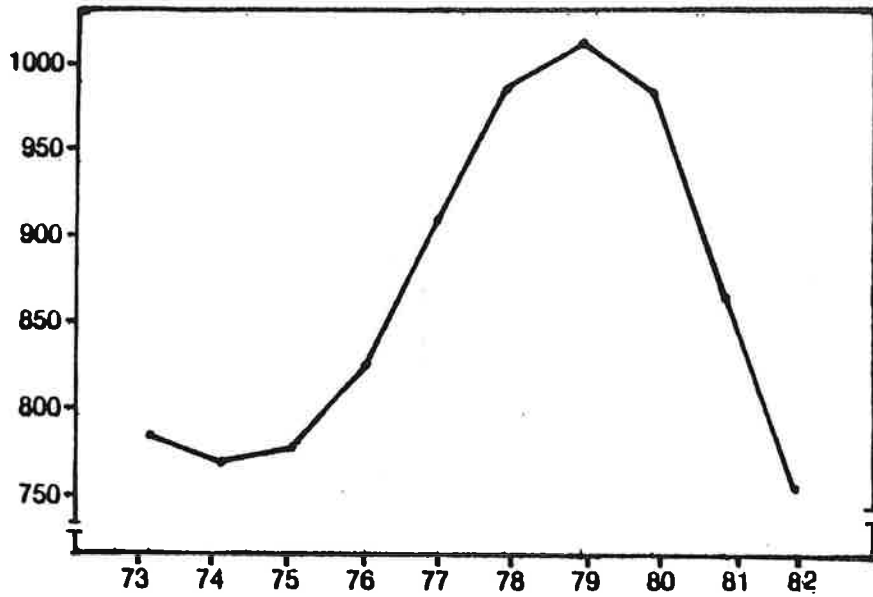
Traffic Safety Statistics  
1969 - 1982

<u>Year</u>	<u>Licensed Drivers</u>	<u>Population</u>	<u>Vehicle Registration</u>	<u>Veh. Mil. (Millions)</u>	<u>Traffic Collisions</u>	<u>Traffic Injuries</u>	<u>Traffic Deaths</u>	<u>Traffic Fatality Rate*</u>
1969	1,833,232	3,397,000	2,151,691	19,957.0	103,160	47,354	834	4.18
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

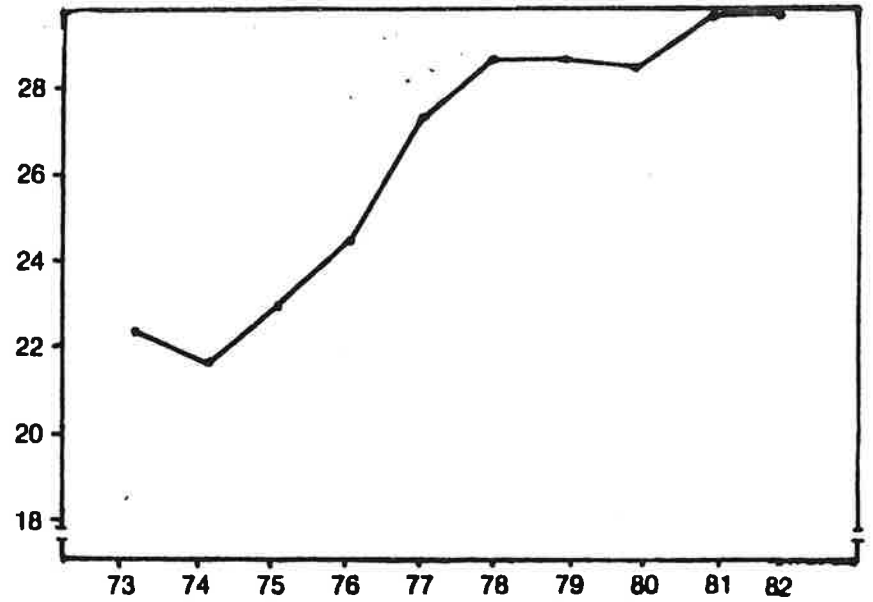
\*Traffic deaths per 100 million vehicle miles of travel

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

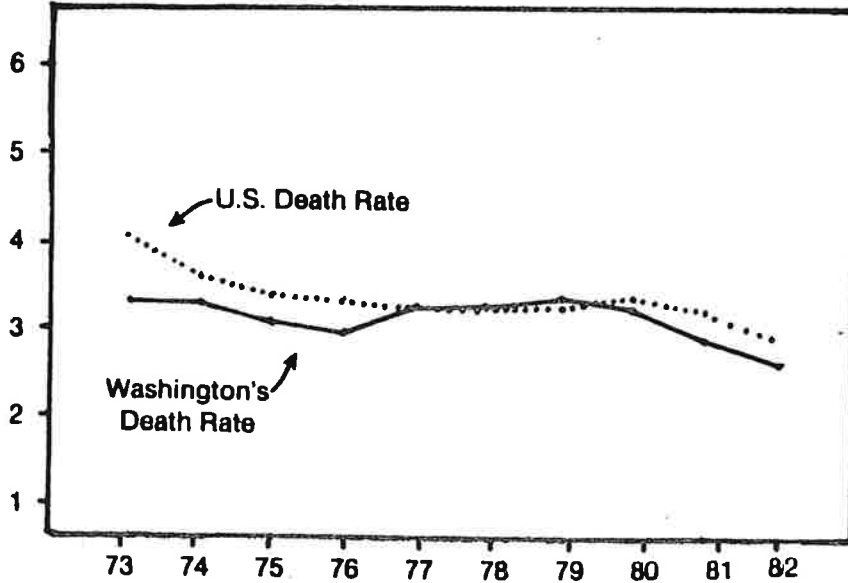
**TRAFFIC DEATHS 1973-1982**



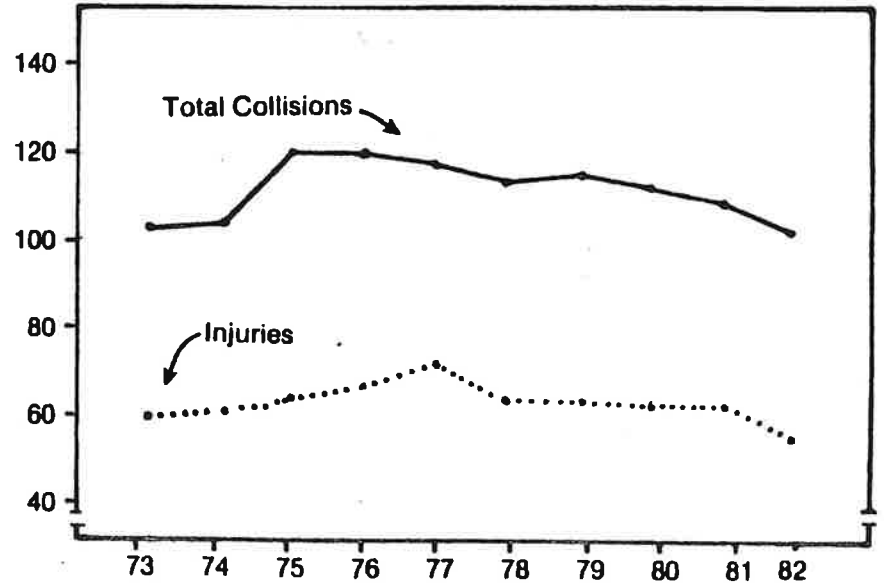
**MILES TRAVELED (in billions)**



**DEATH RATE (per 100 million vehicle miles)**



**TOTAL REPORTED MOTOR VEHICLE TRAFFIC COLLISION AND INJURIES (in thousands)**





## SUMMARY OF MOTOR VEHICLE TRAFFIC ACCIDENTS

ANNUAL REPORT 1982

FOR THE STATE OF WASHINGTON

SUMMARY REPORT

ANNUAL REPORT 1982

DATE RUN 03/03/83

	INCORPORATED AREAS 2,500 POP. AND OVER	OTHER AREAS UNDER 2,500 POP. AND UNINCORPORATED AREAS	STATEWIDE TOTALS
TOTAL NUMBER OF ACCIDENTS	58,671	41,973	100,644
TOTAL NUMBER OF DRIVERS	105,344	65,583	170,927
TOTAL NUMBER OF VEHICLES	114,004	67,776	181,780
NUMBER OF FATAL ACCIDENTS	169	510	679
NUMBER OF INJURY ACCIDENTS	20,369	17,421	37,790
NUMBER OF PROPERTY DAMAGE ACCIDENTS	38,133	24,042	62,175
NUMBER OF PERSONS KILLED	184	573	757
NUMBER OF DISABLING INJURY	3,491	4,785	8,276
(7) NUMBER OF NON-DISABLING INJURY	11,136	11,204	22,340
NUMBER OF POSSIBLE INJURY	14,168	10,005	24,173
TOTAL NUMBER OF PERSON INJURED	28,795	25,994	54,789
NO. OF ACCIDENTS INV. BY WSP	4,025	22,903	26,928
NO. OF ACC. INV. BY OTHER LAW ENFORC.	39,439	12,500	51,939
TOTAL NO. OF INVESTIGATED ACCIDENTS	43,464	35,403	78,867
PERCENT OF ACCIDENTS INVESTIGATED	74.1 %	84.3 %	78.4 %
TOTAL NO. OF DRIVERS-INVESTIGATED ACCS.	75,880	53,986	129,866
TOTAL NO. OF VEHICLES-INVESTIGATED ACCS.	83,328	55,816	139,144
NO. OF ARRESTS INV. ACCIDENTS	26,965	20,142	47,107

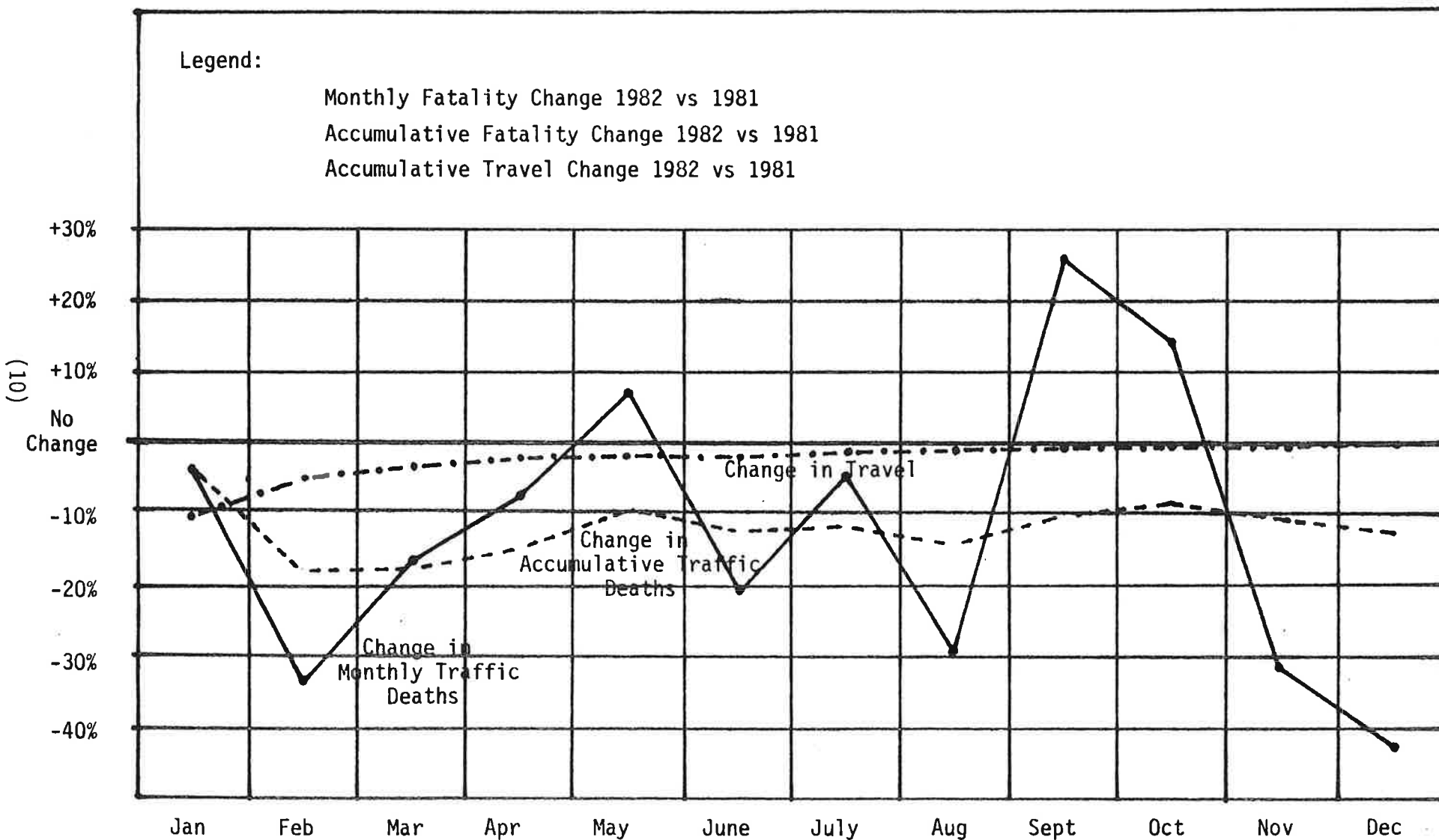
AND SUMMARY OF MOTOR VEHICLE ACCIDENTS  
 FOR THE STATE OF WASHINGTON  
 ANNUAL REPORT 1982

440	MONTH	TOTAL ACCIDENTS	FATAL ACC	INJ ACC	P.D. ACC	NO. KILLED	NO. INJ
	JANUARY	9,352	43	2,789	6,520	52	3,961
	FEBRUARY	7,422	34	2,647	4,741	36	3,746
	MARCH	7,579	46	2,817	4,716	54	4,028
	APRIL	7,767	57	3,015	4,695	61	4,345
	MAY	7,414	67	2,994	4,353	73	4,443
	JUNE	7,644	66	3,094	4,484	75	4,550
	JULY	8,147	72	3,379	4,696	76	4,979
	AUGUST	7,779	72	3,265	4,442	75	4,689
(8)	SEPTEMBER	8,335	80	3,370	4,885	92	4,960
	OCTOBER	9,705	55	3,584	6,066	66	5,022
	NOVEMBER	9,207	50	3,300	5,857	55	4,737
	DECEMBER	10,293	37	3,536	6,720	42	5,127
		100,644	679	37,790	62,175	757	54,789

COMPARISON OF TRAFFIC DEATHS IN WASHINGTON IN 1981-1982  
 BY MONTH, ACCUMULATED TOTALS AND PREVIOUS THREE YEAR AVERAGE ('79-'81)

Month	1982		1981		Percent of Change 1982 to 1981		Previous 3 Yr. Average		1981 to Previous 3 Yr. Average	
	Month	Year To Date	Month	Year To Date	Month	Year To Date	Month	Year To Date	Month	Year To Date
January	52	52	54	54	- 3.7%	- 3.7%	67	67	-22.4%	-22.4%
February	36	88	54	108	-33.3%	-18.5%	62	129	-41.9%	-32.0%
March	54	142	65	173	-16.9%	-17.9%	72	201	-25.0%	-29.4%
April	61	203	66	239	- 7.6%	-15.1%	75	275	-18.7%	-26.2%
May	73	276	68	307	+ 7.4%	-10.1%	82	358	-11.0%	-22.9%
(6) June	75	351	94	401	-20.2%	-12.5%	90	448	-16.7%	-21.7%
July	76	427	80	481	- 5.0%	-11.2%	105	553	-27.8%	-22.8%
August	75	502	107	588	-29.9%	-14.6%	102	655	-26.5%	-23.4%
September	92	594	73	661	+26.0%	-10.1%	76	731	+21.1%	-18.7%
October	66	660	59	720	+11.9%	- 8.3%	77	808	-13.0%	-18.2%
November	55	715	80	800	-31.3%	-10.6%	80	888	-31.3%	-19.4%
December	42	757	72	872	-41.7%	-13.2%	76	964	-44.7%	-21.4%

PERCENTAGE CHANGE OF TRAFFIC DEATHS AND TRAVEL BY MONTH - 1982 vs 1981



Travel Source: WA State Dept. of Transportation  
 Fatal Source: WA State Patrol  
 Prepared By: WA Traffic Safety Commission  
 February 17, 1983

STATEWIDE ACCIDENT CONTRIBUTING CIRCUMSTANCES - BY COUNTY

TOP TEN DRIVER VIOLATIONS (INVESTIGATED ACCIDENTS ONLY)

FOR THE PERIOD 01/01 - 12/31, 1992

PREPARED BY MEMPHIS REGION H. S. P.

COUNTY	FTYROW	SPEED SAFE	INATTN	DRUNK DRIVER	FUL. TOD CLOSE	DISK OR SIG.	IMP. TURN	DEF. EQUIP.	SPEED LEGAL	OVER CENTER	TOTAL TOP TLY	ALL OTHERS
ADAMS	37	95	23	29	13	18	7	12	10	1	245	51
ASHTON	60	25	31	40	23	18	12	21	18	5	255	14
BENTON	475	314	216	284	309	179	102	103	74	35	2,096	141
CHILMAN	232	231	113	126	100	70	52	62	44	31	1,061	94
CLALLAM	188	214	94	133	61	42	45	51	32	23	893	56
CLATSOP	670	494	335	379	247	172	106	191	90	52	2,736	204
COLUMBIA	11	25	8	9	7	1	1	5	2	3	72	9
CUMMINGS	297	249	198	169	133	122	65	115	66	35	1,469	94
JUGLAS	43	71	25	38	32	20	13	21	15	5	283	25
FERRY	1	39	23	23	1	4	5	22	6	7	131	14
FRANKLIN	291	127	135	95	92	75	41	50	28	13	900	51
GAMBLE	4	19	4	2	0	0	0	9	2	3	43	11
GRANT	133	161	107	115	32	40	41	51	21	13	714	61
GRAYS-HARBOR	269	334	171	184	99	80	75	115	77	23	1,431	135
ISLAND	100	138	40	116	49	13	14	23	33	15	341	41
JEFFERSON	60	115	34	36	11	4	10	24	16	13	305	24
KING	4,885	4,100	4,120	2,970	3,104	2,105	1,174	1,110	672	538	26,371	1,432
KITTSAP	604	646	307	501	266	185	104	154	158	74	2,499	203
KITTIMAS	70	434	96	76	41	35	22	61	37	11	463	46
KLICHLIAT	16	73	26	51	8	4	7	22	7	15	229	36
LEWIS	204	267	126	127	72	47	49	77	35	22	1,026	69
LINCOLN	12	50	7	14	2	7	2	9	7	8	118	16
MASSIE	91	144	52	110	40	19	14	37	33	24	369	63
MKANJGAN	60	161	61	81	25	11	13	52	19	21	504	43
PACIFIC	40	75	42	61	13	9	12	20	6	7	285	34
PINO BREILLE	5	40	9	9	3	2	1	6	3	6	90	7
PIERCE	2,647	1,872	1,226	1,546	1,171	958	448	486	378	224	10,350	613
SAN JUAN	7	36	25	17	5	4	5	14	16	5	134	8
SASQUIT	323	314	147	244	118	65	37	103	68	37	1,450	127
SKAMANIA	6	49	18	30	6	1	1	21	5	13	150	21
SNOHOMISH	1,393	1,466	695	975	664	410	236	310	296	208	6,655	400
SPOKANE	853	977	525	559	304	448	170	183	168	120	4,307	262
STEVENS	41	176	22	57	18	14	7	49	18	29	431	40
TUCKERSON	546	515	282	415	267	123	95	162	96	36	2,537	168
WALATKUM	5	21	1	15	1	1	1	4	1	3	53	11
WALLA WALLA	217	133	101	97	70	61	44	36	39	19	317	66
WASHINGTON	434	400	236	232	186	136	81	110	59	54	1,938	159
WHITMAN	64	151	78	65	41	20	17	38	18	37	529	57
YAKIMA	881	566	406	457	291	271	158	145	130	69	3,374	233
STATEWIDE	18,185	15,376	10,167	10,495	7,905	5,795	3,294	4,104	3,007	1,657	80,190	5,263

(11)

MOTOR VEHICLE COLLISIONS BY AGE OF DRIVER

TYPE OF COLLISION  
(FIRST HARMFUL EVENT)

FOR THE PERIOD 01/01 - 12/31, 1982

STATEWIDE

SINGLE VEHICLE COLLISION	AGE OF DRIVER													OVER 74	TOTAL	
	UNDER 16	16	17-18	19-20	21-22	23-24	25-29	30-34	35-39	40-44	45-54	55-64	65-74			
FIELD OBJECT:																
MAN OVER EMBANKMENT	0	55	160	144	142	112	223	145	103	86	88	60	22	5	1,333	
RAN INTO DITCH OR BANK	22	155	363	334	324	235	501	397	250	168	224	146	70	31	3,220	
STUCK TREE OR STUMP	24	106	228	198	176	100	214	163	117	54	98	65	38	11	1,592	
STUCK POLE OR POST	46	172	523	440	421	334	617	435	253	193	219	140	80	35	3,920	
STUCK GUARDRAIL, ETC.	13	53	233	273	260	263	475	392	278	177	236	146	77	27	2,963	
STUCK OTHER FIXED OBJ.	44	170	472	459	365	307	590	406	280	160	213	210	82	47	3,819	
STUCK OTHER OBJECT	1	8	20	23	25	10	45	43	24	23	32	10	10	6	297	
OVERTURNED	44	189	477	532	438	401	744	530	361	246	260	181	58	15	4,492	
VEHICLE-PEDESTRIAN	3	29	93	120	66	92	215	160	121	96	121	114	76	49	1,381	
VEHICLE-RAILWAY TRAIN	0	1	3	5	10	7	18	17	9	5	16	12	6	3	112	
VEHICLE-PELICYCLIST	3	28	68	56	66	48	127	101	103	65	100	94	38	31	930	
VEHICLE-ANIMAL	5	8	56	73	71	60	150	171	122	72	103	96	45	6	1,030	
NO-COLLISION	6	15	62	71	81	58	157	98	121	73	108	61	24	5	940	
<b>TOTAL SINGLE VEH. COLL'S.</b>	<b>217</b>	<b>995</b>	<b>2,758</b>	<b>2,740</b>	<b>2,467</b>	<b>2,035</b>	<b>4,077</b>	<b>3,066</b>	<b>2,152</b>	<b>1,408</b>	<b>1,824</b>	<b>1,349</b>	<b>634</b>	<b>271</b>	<b>25,993</b>	
TOTAL SINGLE VEH. COLL'S AGE NOT STATED			2,561													
<b>MULTIPLE VEHICLE COLLISION</b>																
HEAD-ON	7	40	136	131	130	114	241	216	130	100	157	105	36	26	1,427	
REAR-END	70	502	2,799	2,886	2,726	2,474	5,373	4,700	3,626	2,382	3,524	2,721	1,580	447	30,414	
SIDESWIPED	31	187	765	822	795	695	1,677	1,339	1,113	783	1,189	944	520	224	11,124	
APPROACH DIRECTION	117	871	2,918	2,701	2,531	2,210	2,107	4,062	3,071	2,100	3,218	2,894	1,929	1,109	34,042	
ENTER/LEAVE PARKED POS.	5	55	142	140	130	140	277	251	194	132	237	231	146	95	2,211	
ENTER/LEAVE DRIVEWAY	58	436	1,403	1,361	1,200	1,051	2,414	2,000	1,497	939	1,526	1,309	823	434	10,441	
STUCK PARKED VEHICLE	51	220	531	513	488	330	711	533	345	213	349	261	142	105	4,610	
SAME DIRECTION BROADSIDE	11	82	316	372	374	300	765	607	445	331	456	340	162	44	4,658	
OPPOSITE DIR. BROADSIDE	6	51	167	195	169	177	351	313	248	162	250	171	90	19	2,397	
1 LEFT/1 STRAIGHT OPP. DIR.	23	285	769	614	710	653	1,370	1,132	757	550	800	761	539	317	3,522	
OTHER MUL. VEH. COLLISIONS	0	0	0	3	0	1	0	2	0	0	1	0	0	0	7	
<b>TOTAL MULTIPLE VEH. COLL'S</b>	<b>379</b>	<b>3,037</b>	<b>9,956</b>	<b>9,946</b>	<b>9,292</b>	<b>8,165</b>	<b>18,814</b>	<b>15,125</b>	<b>11,501</b>	<b>7,758</b>	<b>11,715</b>	<b>9,767</b>	<b>5,815</b>	<b>2,880</b>	<b>24,225</b>	
TOTAL MULTIPLE VEH. COLL'S AGE NOT STATED			18,148													
<b>TOTAL COLLISIONS</b>	<b>596</b>	<b>4,032</b>	<b>12,704</b>	<b>12,686</b>	<b>11,759</b>	<b>10,200</b>	<b>22,921</b>	<b>18,221</b>	<b>13,658</b>	<b>9,166</b>	<b>13,539</b>	<b>11,136</b>	<b>6,449</b>	<b>3,151</b>	<b>50,218</b>	
TOTAL COLLISIONS AGE NOT STATED			20,709													

(12)

## SUMMARY OF MOTOR VEHICLE ACCIDENTS BY AGE AND VIOLATION

FOR THE PERIOD 01/01 - 12/31, 1982 PREPARED BY RECORDS SECTION W. S. P.

DRIVER AGE	D&I	SPEED COND	SPEED DISK LEGAL	SIG OR SIGN	IMP LANE TRAVEL	FTYROW	FOL TOO CLOSE	OVER CENTER	DEF EQUIP	IMP PASS	OTHER CIRCUM	TOTAL
15 & UNDER	22	135	49	26	0	79	12	14	46	8	118	509
16	122	679	181	170	0	628	244	62	165	56	485	2,792
17	229	841	241	256	0	759	361	105	250	38	595	3,725
18	414	959	270	312	0	845	467	95	314	95	711	4,482
19	474	836	229	271	0	694	401	107	266	101	634	4,013
20	464	732	206	240	0	609	347	77	220	75	581	3,551
21	601	711	176	249	0	611	343	73	194	84	573	3,615
22	537	599	151	216	0	560	321	60	175	64	517	3,200
23	470	537	134	182	0	508	296	59	142	40	438	2,806
24	425	506	108	173	0	482	266	59	141	38	439	2,637
25	429	510	77	164	0	470	277	62	136	47	372	2,544
26	387	441	90	158	0	476	246	60	135	53	425	2,471
27	331	456	64	138	0	418	253	55	108	37	372	2,232
28	350	387	57	127	0	413	247	40	113	38	313	2,091
29	334	352	52	118	0	375	206	44	96	31	320	1,924
30 THRU 34	1,373	1,569	211	526	0	1,749	819	185	391	160	1,373	8,325
35 THRU 39	857	1,104	95	399	0	1,317	618	133	306	116	999	5,444
40 THRU 44	629	676	56	265	0	877	384	74	179	76	617	3,836
45 THRU 49	433	450	45	210	0	773	267	69	126	41	496	2,912
50 THRU 54	373	418	31	193	0	719	269	45	119	43	460	2,678
55 THRU 59	261	385	28	215	0	767	240	50	97	58	443	2,544
60 THRU 64	205	248	17	219	0	772	197	29	79	38	440	2,244
65 THRU 69	117	190	9	170	0	714	152	20	44	36	332	1,790
70 THRU 74	61	134	6	165	0	650	109	21	38	19	265	1,436
75 & OVER	37	104	10	217	0	1,034	117	34	44	17	396	2,010
NOT STATED	554	1,416	414	415	0	887	446	219	185	135	4,373	9,044
TOTAL	10,495	15,377	3,007	5,795	0	18,186	7,905	1,857	4,109	1,594	17,137	85,462

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SUMMARY OF MOTOR VEHICLE TRAFFIC COLLISIONS

FOR THE PERIOD 01/01 - 12/31, 1982

PREPARED BY RECORDS SECTION, W. S. P.

STATEWIDE

INVESTIGATING AGENCY

COLLISION TOTALS	W. S. P.	SHERIFF	OTHER LAW ENFORCEMENT	NOT INVESTIGATED	TOTAL
TOTAL	26,928	10,782	41,157	21,777	100,644
FATAL	505	26	143	0	674
INJURY	12,506	4,452	15,697	5,142	37,797
PROPERTY DAMAGE	13,917	6,304	25,319	16,635	62,175
FREEWAY	6,710	136	839	2,050	9,735
RURAL-STATE ROUTE	9,039	696	621	1,704	12,660
COUNTY ROAD	9,611	9,250	393	3,657	22,911
OTHER ROUTES	968	701	39,307	14,366	55,332
SINGLE VEHICLE - ALL	12,265	3,797	5,573	1,478	23,113
SINGLE VEHICLE - FATAL	251	11	45	0	307
MULTIPLE VEHICLE - ALL	12,594	5,598	27,503	18,250	63,950
MULTIPLE VEHICLE - FATAL	169	10	48	0	227

ALL COLLISIONS - MAIN CAUSES

EXCEEDING LEGAL OR SAFE SPEED	10,709	2,703	4,966	* NA	18,384
FAILURE TO YIELD RIGHT OF WAY	3,615	2,153	12,417		18,185
DRIVING WHILE INTOXICATED	4,566	1,394	4,537		10,497
FALLING ASLEEP OR INATTENTION	2,736	1,615	7,244		11,595
FOLLOWING TOO CLOSE	2,572	846	4,487		7,905
DISREGARDING SIGNS OR SIGNALS	1,005	636	4,154		5,795

FATAL COLLISIONS - MAIN CAUSES

DRIVING WHILE INTOXICATED	267	10	59	* NA	336
EXCEEDING LEGAL OR SAFE SPEED	113	6	29		148
FAILURE TO YIELD RIGHT OF WAY	24	4	22		50
CROSSING OVER CENTER LINE	42	0	5		47
DISREGARDING SIGNS OR SIGNALS	21	2	12		35
FALLING ASLEEP OR INATTENTION	34	1	4		39

\* DRIVER VIOLATIONS CAME FROM INVESTIGATED COLLISIONS ONLY

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DRIVER AGE DISTRIBUTION - 1982

Age Group	Involved in Collisions				Licensed Drivers		Over/Under Representation Drivers In:	
	Total		Fatal		Number	%	Total	Fatal
	Number	%	Number	%				
Under 16	596	0.40	6	0.64				
16	4,032	2.68	25	2.65	26,673	0.96	+2.79	+2.76
17 - 18	12,704	8.46	66	7.01	96,032	3.46	+2.45	+2.86
19 - 20	12,686	8.45	99	10.51	119,856	4.32	+1.96	+2.43
21 - 22	11,759	7.83	76	8.07	130,067	4.69	+1.67	+1.72
23 - 24	10,200	6.79	58	6.16	136,876	4.93	+1.38	+1.25
25 - 29	22,920	15.26	159	16.88	369,326	13.31	+1.15	+1.27
30 - 34	18,222	12.13	111	11.78	356,711	12.86	-1.06	-1.09
35 - 39	13,658	9.09	78	8.28	307,184	11.07	-1.22	-1.34
40 - 44	9,166	6.10	64	6.79	229,184	8.26	-1.35	-1.22
45 - 49	6,995	4.66	45	4.78	185,137	6.67	-1.43	-1.40
50 - 54	6,544	4.36	36	3.82	175,730	6.33	-1.45	-1.66
55 - 59	5,974	3.98	39	4.14	174,470	6.29	-1.58	-1.52
60 - 64	5,162	3.44	17	1.80	164,371	5.92	-1.72	-3.29
65 - 69	3,704	2.47	22	2.34	129,409	4.66	-1.89	-1.99
70 & Over	5,896	3.92	41	4.35	173,191	6.24	-1.59	-1.43
Male	105,848	65.7%	720	76.1	1,455,907	52.5	+1.25	+1.45
Female	55,247	34.3	226	23.9	1,318,305	47.5	-1.38	-1.99

SUMMARY OF PERSONS KILLED & INJURED IN ALCOHOL RELATED COLLISIONS 1981-1982

	Drivers Under the Influence			All Drivers Who Had Been Drinking (HBD) (Including DUI)			All Reported Collisions (Including HBD)	
	<u>1981</u>	<u>1982</u>	<u>% of Change</u>	<u>1981</u>	<u>1982</u>	<u>% of Change</u>	<u>1982</u>	<u>% of Change</u>
Persons Killed	389	366	- 4.2	516	442	-14.3	757	-13.2
Persons Injured	9,266	8,202	-11.5	17,268	14,491	-16.1	54,789	-10.3
Disabling Injury	2,078	1,795	-13.6	3,609	3,018	-16.4	8,276	- 9.8
Non-Disabling Injury	4,469	4,017	-10.1	8,330	7,035	-15.5	22,340	-13.2
Possible Injury	2,719	2,390	-12.1	5,329	4,438	-16.7	24,173	- 7.6
Property Damage Accidents	5,224	4,713	- 9.8	10,597	8,905	-16.0	62,175	-10.2
Total Reported Accidents	11,499	10,292	-10.5	22,173	18,669	-15.8	100,644	-10.1
Economic Loss		\$131,000,000	- 2.1		\$190,000,000	- 9.5	\$495,000,000	-10.1

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<u>Month</u>	From Drivers "Under The Influence"				Drivers Who "Had Been Drinking"			
	<u>1981</u>	<u>1982</u>	<u>1981</u>	<u>1982</u>	<u>1981</u>	<u>1982</u>	<u>1981</u>	<u>1982</u>
January	25	23	773	586	29	28	1,363	1,101
February	24	21	682	625	31	23	1,277	1,090
March	26	24	754	677	34	29	1,318	1,118
April	31	34	754	714	40	37	1,411	1,215
May	32	38	775	745	47	44	1,492	1,352
June	33	32	728	664	54	44	1,497	1,202
July	41	43	791	804	48	51	1,488	1,516
August	56	41	869	721	76	46	1,716	1,312
September	34	44	741	734	43	59	1,381	1,252
October	29	36	820	729	40	41	1,441	1,231
November	31	18	744	518	42	26	1,379	1,004
December	27	12	835	685	32	14	1,505	1,098
Totals	389	366	9,266	8,202	516	442	17,268	14,491

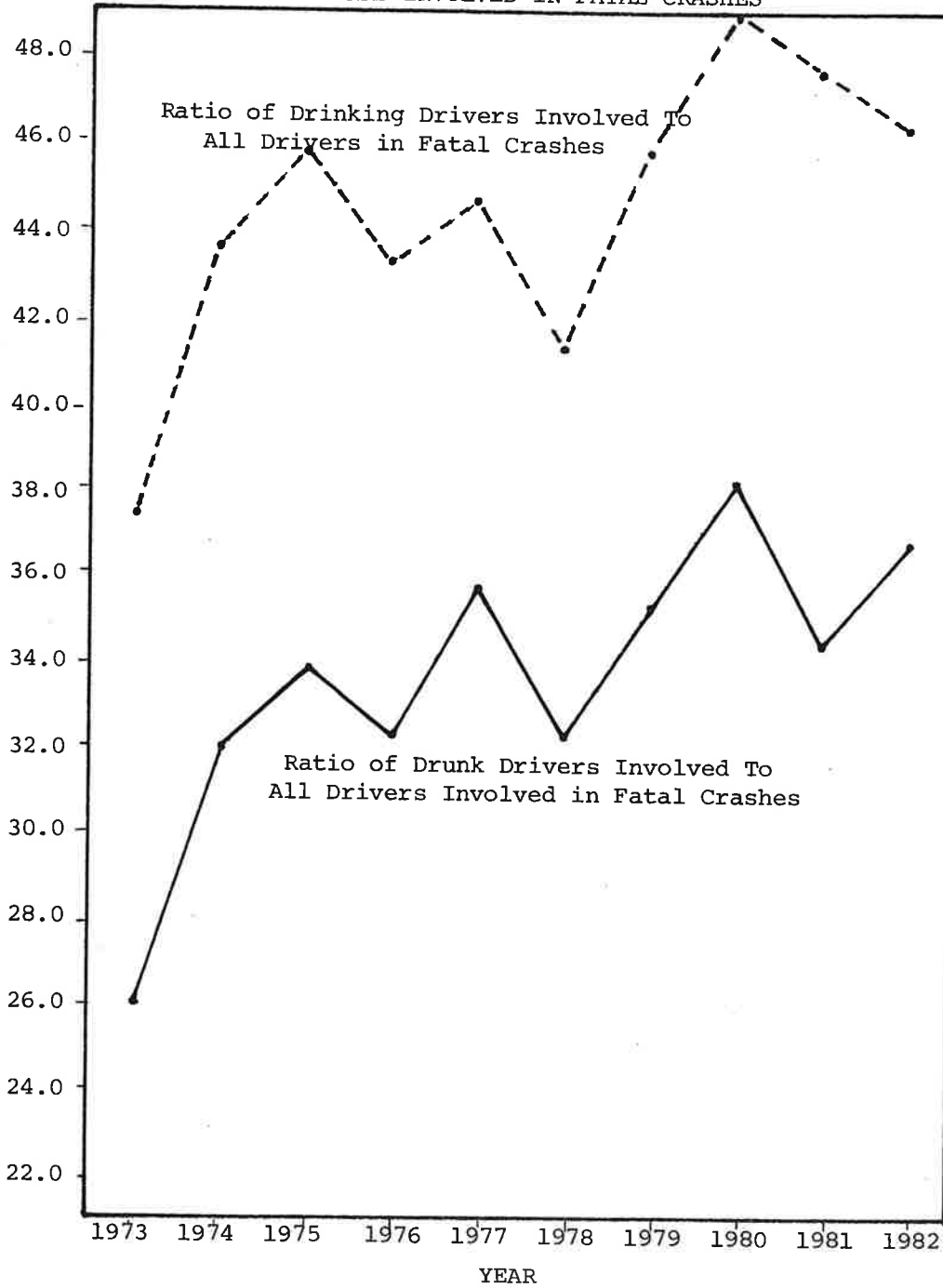
DRIVERS INVOLVED IN INVESTIGATED COLLISIONS  
1981/1982 AND PREVIOUS 3 YEAR AVERAGE

(17)

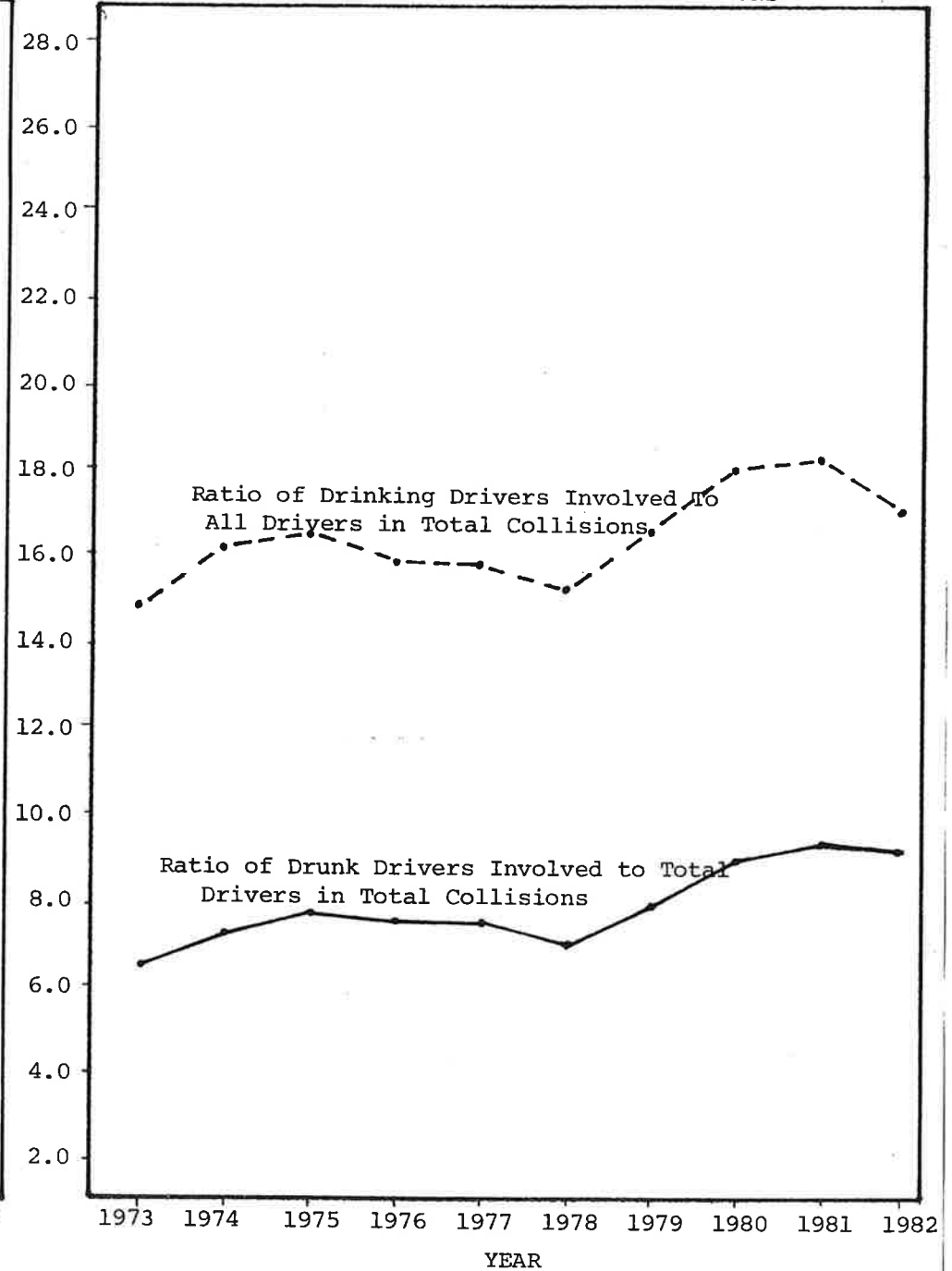
	Fatal Collisions					All Investigated Collisions				
	1982	1981	Pre 3 Yr. Average	% of Change		1982	1981	Pre 3 Yr. Average	% of Change	
Condition of Driver (Sobriety)				82-81	82-3 Yr. Avg				82-81	82-3 Yr. Avg
<b>STATEWIDE</b>										
Had been drinking ability impaired	333	364	409	- 8.5	-18.6	10,379	11,609	11,147	-10.6	- 6.9
Had been drinking ability not impaired	39	74	71	-47.3	-45.1	4,049	4,871	5,167	-16.9	-21.6
Had been drinking sobriety unknown	51	68	88	-25.0	-42.0	5,148	6,748	6,742	-23.7	-23.6
Had not been drinking	489	556	603	-12.1	-18.9	96,133	104,483	107,378	- 8.0	-10.5
Not stated	49	71	89	-31.0	-44.9	14,157	16,063	16,058	-11.9	-11.8
Total drivers	961	1,133	1,236	-15.2	-22.2	129,866	143,774	146,392	- 9.7	-11.3
Total drivers drinking	423	506	545	-16.4	-22.4	19,576	23,228	23,056	-15.7	-15.1
Total drivers excluding not stated	912	1,062	1,147	-14.1	-20.5	115,709	127,711	130,334	- 9.4	-11.2
No. drinking drivers/100 involved	46.4	47.6	47.5	- 2.5	- 2.3	16.9	18.2	17.7	- 7.1	- 4.5
No. drunk drivers/100 involved	36.5	34.3	35.7	+ 6.4	+ 2.2	9.0	9.1	8.6	- 1.1	+ 4.7
<b>RURAL</b>										
Had been drinking ability impaired	265	291	312	- 8.9	-15.1	5,548	6,324	6,103	-12.3	- 9.1
Had been drinking ability not impaired	28	57	52	-50.9	-46.2	1,960	2,395	2,434	-18.2	-19.5
Had been drinking sobriety unknown	36	46	44	-21.7	-18.2	2,706	3,633	3,696	-25.5	-26.8
Had not been drinking	362	406	444	-10.8	-18.5	39,771	42,650	43,464	- 6.8	- 8.5
Not stated	21	33	41	-36.4	-48.8	4,001	4,409	4,553	- 9.3	-12.1
Total drivers	712	833	892	-14.5	-20.2	53,986	59,411	60,251	- 9.1	-10.4
Total drivers drinking	329	394	408	-16.5	-19.4	10,214	12,352	12,233	-17.3	-16.5
Total drivers excluding not stated	691	800	852	-13.6	-18.9	49,985	55,002	55,698	- 9.1	-10.3
No. drinking drivers/100 involved	47.6	49.3	47.9	- 3.4	- 0.6	20.4	22.5	22.0	- 9.3	- 7.3
No. of drunk drivers/100 involved	38.4	36.4	36.6	+ 5.5	+ 4.9	11.1	11.5	11.0	- 3.5	+ 0.9
<b>URBAN</b>										
Had been drinking ability impaired	68	73	97	- 6.8	-29.9	4,831	5,285	5,044	- 8.6	- 4.2
Had been drinking ability not impaired	11	17	19	-35.3	-42.1	2,089	2,476	2,633	-15.6	-20.7
Had been drinking sobriety unknown	15	22	20	-31.8	-25.0	2,442	3,115	3,046	-21.6	-19.8
Had not been drinking	127	150	159	-15.3	-20.1	56,362	61,833	63,914	- 8.8	-11.8
Not stated	28	38	48	-26.3	-41.7	11,156	11,654	11,505	- 4.3	- 3.0
Total drivers	249	300	344	-17.0	-27.6	75,880	84,363	86,142	-10.1	-11.9
Total drivers drinking	94	112	136	-16.1	-30.9	9,362	10,876	10,723	-13.9	-12.7
Total drivers excluding not stated	221	262	296	-15.6	-25.3	65,724	72,709	74,637	- 9.6	-11.9
No. drinking drivers/100 involved	42.5	42.7	45.9	- 0.5	- 7.4	14.2	15.0	14.4	- 5.3	- 1.4
No. of drunk drivers/100 involved	30.8	27.9	32.8	+10.4	- 6.1	7.4	7.3	6.8	+ 1.4	+ 8.8

RATIO OF DRINKING AND DRUNK DRIVERS INVOLVED IN TRAFFIC COLLISIONS  
1973 - 1982

DRIVERS INVOLVED IN FATAL CRASHES



DRIVERS INVOLVED IN TOTAL COLLISIONS



Comparison of Miles Traveled  
All Reported Accidents & Alcohol Involved Accidents  
By Age of Driver - 1982

<u>Driver Age</u>	<u>Percent of Vehicle Miles Traveled*</u>	<u>Percent of All Accident Drivers**</u>	<u>Over/Under Representation</u>	<u>Percent of All Alcohol Involved Accidents</u>	<u>Over/Under Representation</u>
16-17	1.95	6.5	+3.33	4.2	+2.15
18	1.97	4.6	+2.34	4.6	+2.34
19	2.31	4.4	+1.90	5.2	+2.25
20	2.74	4.0	+1.46	5.1	+1.86
21	2.31	4.1	+1.77	6.4	+2.77
22-24	8.38	10.6	+1.26	15.1	+1.80
25-34	27.40	27.5	1.00	32.2	+1.18
35-44	19.48	15.3	-1.27	13.8	-1.41
45-54	17.53	9.0	-1.95	7.1	-2.47
55-64	10.73	7.4	-1.45	4.2	-2.55
65 & Over	5.10	6.4	+1.25	2.1	-2.43

\* Source - National Accident Sampling System (NASS) - 1979-1980

\*\* Source - Accident Records Unit - Washington State Patrol

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TOXICOLOGIST RESULTS OF DRIVERS KILLED IN FATAL COLLISIONS

1979-1980-1981-1982

Age	Negative Result				Results Less Than .10				Results .10 & Over				Average Test Results			
	1979	1980	1981	1982	1979	1980	1981	1982	1979	1980	1981	1982	1979	1980	1981	1982
16	8	3	8	5	6	1	0	0	6	6	0	1	.14	.12	0	.20
17	4	7	2	4	1	3	2	2	9	8	3	2	.16	.16	.11	.13
18	7	6	7	7	3	7	3	1	17	9	8	7	.16	.13	.08	.16
19	7	5	2	6	8	3	2	0	6	6	10	9	.11	.12	.07	.20
20	7	4	8	4	5	2	1	1	5	9	8	10	.13	.15	.16	.17
21	6	5	4	3	4	3	3	0	11	15	11	10	.16	.16	.14	.19
22	4	3	1	7	3	4	2	2	12	11	10	7	.15	.16	.19	.17
23	3	4	4	1	3	2	1	0	9	6	10	5	.14	.16	.20	.17
24	4	5	5	4	2	1	2	2	6	10	11	6	.15	.16	.17	.17
25	6	1	4	4	2	1	1	1	10	6	7	5	.15	.19	.19	.17
26	5	3	4	1	3	2	2	1	15	8	9	9	.16	.19	.17	.18
27	4	1	4	1	1	2	1	0	16	8	5	6	.18	.16	.18	.21
28	2	2	5	5	2	1	1	1	12	11	8	15	.17	.20	.17	.22
29	6	1	2	1	2	0	0	0	11	6	5	5	.17	.19	.21	.17
30	5	2	5	7	1	1	2	2	12	6	8	2	.19	.20	.16	.14
31	1	2	3	1	0	0	2	0	5	5	6	8	.21	.22	.13	.23
32	6	3	4	0	2	0	0	0	6	9	6	1	.14	.21	.18	.31
33	1	2	3	2	1	1	2	0	5	5	7	3	.16	.17	.17	.17
34	1	3	3	1	0	0	0	0	4	6	3	7	.17	.23	.17	.18
35	3	1	5	3	0	0	0	1	6	2	1	2	.25	.19	.28	.16
36	3	1	3	1	0	1	0	0	3	4	0	3	.23	.17	--	.16
37	1	2	3	3	1	0	1	0	4	7	5	1	.17	.20	.14	.25
38	1	0	3	0	1	0	0	1	1	2	4	1	.07	.21	.18	.11
39	4	2	0	1	1	0	0	0	3	4	3	5	.16	.23	.19	.20
40	4	0	3	1	0	0	0	1	2	0	3	4	.20	--	.19	.14
41-45	4	10	8	6	2	2	1	1	9	16	15	16	.18	.21	.17	.17
46-50	6	8	7	1	0	1	3	2	8	5	9	8	.23	.17	.20	.18
51-55	7	2	4	8	0	2	1	1	6	6	9	7	.20	.17	.18	.20
56-60	7	6	9	6	1	2	0	1	4	9	4	5	.19	.19	.24	.21
61-65	3	3	5	3	0	1	0	0	4	4	1	2	.19	.22	.23	.21
66 & Over	16	10	12	15	1	1	1	0	4	4	3	2	.14	.15	.16	.14
TOTAL	146	107	140	112	56	44	34	21	231	213	192	174	.17	.18	.17	.18
Percent of Tested Drivers	33.7	29.4	37.4	36.4	12.9	12.1	9.1	6.8	53.3	58.5	51.3	56.5				
Change - 1982 from Previous 3 years			-14.5				-53.3				-17.9					+.01

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STATE OF WASHINGTON  
1982  
OCCUPANT RESTRAINT EFFECTIVENESS SUMMARY

	<u>USAGE RATE</u>									
	<u>1982</u>	<u>%</u>	<u>1981</u>	<u>%</u>	<u>1980</u>	<u>%</u>	<u>1977</u>	<u>%</u>	<u>1975</u>	<u>%</u>
Restraints Used	24,763	17.8	25,190	15.9	27,018	17.4	37,567	22.4	40,202	25.8
No Restraints Used	114,686	82.2	132,921	84.1	128,264	82.6	129,841	77.6	115,719	74.2
Total Occupants	139,449	100.0	158,111	100.0	155,282	100.0	167,408	100.0	155,921	100.0

TYPES OF RESTRAINTS USED BY SEVERITY OF INJURY - 1982

<u>Type</u>	<u>Number Used</u>		<u>Deaths</u>		<u>Disabling Injury</u>		<u>Evident Injury</u>		<u>Possible Injury</u>		<u>No Injury</u>	
	<u>Number</u>	<u>%</u>	<u>Number</u>	<u>%</u>	<u>Number</u>	<u>%</u>	<u>Number</u>	<u>%</u>	<u>Number</u>	<u>%</u>	<u>Number</u>	<u>%</u>
Lap Belt	11,101	8.0	18	3.7	193	3.8	858	5.5	1,224	7.6	8,808	8.6
Shoulder Belt	1,478	1.0	0	---	18	0.4	103	0.7	186	1.1	1,171	1.1
Lap & Shoulder Belt	11,503	8.3	16	3.3	225	4.4	803	5.2	1,481	9.1	8,978	8.8
Child Restraint	670	0.5	0	---	12	0.2	40	0.3	53	0.3	565	0.6
Air Bag (Activated)	45	*	0	---	1	*	5	*	2	*	37	*
No Restraints	114,611	82.2	453	93.0	4,629	91.2	13,734	88.3	13,299	81.9	82,496	80.9
Total Occupants	139,408	100.0	487	100.0	5,078	100.0	15,543	100.0	16,245	100.0	102,055	100.0

\* Less than 1/10

COMPARISON OF RESTRAINT USAGE & NON USAGE  
BY SEVERITY OF INJURY  
1982

	Restraints Used		Restraints Not Used		Over/Under Ratio *
	Number	%	Number	%	
Deaths	34	0.1	453	0.4	+2.9
Disabling Injuries	449	1.8	4,625	4.0	+2.2
Evident Injuries	1,809	7.3	13,727	12.0	+1.6
Possible Injuries	2,946	11.9	13,286	11.6	-1.0
No Injury	19,559	78.9	82,468	72.0	-1.1
TOTALS	24,797	100.0	114,559	100.0	

\* An occupant who does not "buckle up" is nearly three times as likely to be killed and twice as likely to be seriously injured as one who does "buckle up."

OCCUPANT RESTRAINT USAGE 1980-1981-1982  
USAGE RATES BY SEX AND AGE GROUP

<u>Occupant</u>	Restraint Usage (%)		
	<u>1980</u>	<u>1981</u>	<u>1982</u>
Male Driver	19.3	17.4	19.1
Female Driver	19.9	18.2	20.0
Male Passenger	10.6	9.9	11.2
Female Passenger	13.5	12.6	15.3
<u>Ages:</u>			
0 - 5	24.0	26.1	32.2
6 - 15	9.7	9.6	11.5
16 - 19	12.0	11.7	11.5
20 - 24	14.8	13.4	14.3
25 - 34	19.4	17.5	19.6
35 - 64	22.3	20.3	22.2
65 & Up	18.0	19.5	18.3



MOTORCYCLE COLLISIONS

1978 - 1982

	<u>1978</u>	<u>1979</u>	<u>1980</u>	<u>1981</u>	<u>4-Year Average</u>	<u>1982</u>	Change '82 <u>4-Year Average</u>
Total Collisions	3,282	3,992	3,914	3,728	3,729	3,376	- 9.5%
Fatal Collisions	109	116	116	104	111	103	- 7.2%
* Fatal Collisions Ratio	33.2	29.1	29.6	27.9	30.4	32.8	+ 7.9%
Motorcycle Collision Registration	106,103	129,641	135,899	139,931	127,894	131,667	+ 3.0%
** Total Collision Registration Rate	3.09	3.08	2.88	2.66	2.92	2.56	-12.3%
*** Fatal Registration Rate	1.027	.895	.854	.743	.868	.782	- 9.9%
Total Persons Killed	117	121	129	105	118	109	- 7.6%
Total Persons Injured	3,610	4,350	4,201	3,970	4,033	3,341	-17.2%
Motorcyclist Killed	114	119	120	101	114	108	- 5.3%
Motorcyclist Injured	3,363	4,055	3,919	3,701	3,760	3,289	-12.5%

\* Fatal Collisions Per 1,000 Motorcycle Collisions

\*\* Motorcycles Involved Per 100 Registered

\*\*\* Fatal Collisions Per 1,000 Motorcycles Registered

MOTORCYCLE COLLISIONS BY FIRST HARMFUL EVENT - 1982

<u>Type of Collision:</u>	<u>Number</u>	<u>% of Total Collisions</u>
<b>Single Motorcycle Collisions:</b>		
Struck Fixed Object	424	8.3%
Struck Other Object in Roadway	21	0.4%
Motorcycle Overtaken	724	14.1%
Motorcycle - Pedestrian	33	0.6%
Motorcycle - RR Train	1	*
Motorcycle - Pedalcyclist	15	0.3%
Motorcycle - Animal	79	1.5%
Non-Collisions	39	0.8%
Total Single Motorcycle Collisions	1,336	26.0%
<b>Multiple Vehicle Collisions:</b>		
Head-on	59	1.1%
Rear-end	793	15.4%
Sideswipe	290	5.6%
Angular Direction	1,013	19.7%
Enter/Leaving Driveway	801	15.6%
One Left/One Straight - Opposite Direction	534	10.4%
Other Multiple Vehicle Collisions	317	6.2%
Total Multiple Vehicle Collisions	3,807	74.0%
<b>TOTAL MOTORCYCLE COLLISIONS</b>	<b>5,143</b>	<b>100.0%</b>

\* Less Than ½ of 1 Percent

TOP TEN MOTORCYCLE VIOLATIONS - 1982  
(Investigated Collisions Only)

	<u>Number</u>	<u>% of Total Violations</u>
1. Exceeding Reasonable Safe Speed	559	26.6%
2. Driving While Under the Influence	319	15.2%
3. Exceeding the Legal Speed Limit	220	10.5%
4. Inattention	187	8.9%
5. Following Too Closely	145	6.9%
6. Operating Defective Equipment	140	6.7%
7. Failure To Yield Right-of-Way	130	6.2%
8. Disregarding Traffic Control Signs/Signals	93	4.4%
9. Over Center Line	67	3.2%
10. Improper Turning	55	2.6%

PEDESTRIANS/VEHICLE COLLISIONS

Pedestrians Killed & Injured 1978-1982

	<u>1978</u>	<u>1979</u>	<u>1980</u>	<u>1981</u>	<u>4 Year Average</u>	<u>1982</u>	<u>1982 to 4 Yr. Ave</u>
<u>Statewide</u>							
Pedestrians Killed	101	126	108	121	114	94	-17.5%
Pedestrians Injured	1,756	1,851	1,906	1,696	1,802	1,598	-11.3%
<u>Urban</u>							
Pedestrians Killed	53	56	50	52	53	40	-24.5%
Pedestrians Injured	1,343	1,359	1,355	1,239	1,324	1,155	-12.8%
<u>Rural</u>							
Pedestrians Killed	48	70	58	69	61	54	-11.5%
Pedestrians Injured	413	492	551	460	479	443	- 7.5%

ACTIONS OF PEDESTRIANS KILLED & INJURED - 1982

URBAN AREAS	No. Killed	% of Total	Total Killed or Inj.	% of Total	Age 0-4	Age 5-14	Age 15-24	Age 25-64	Age 65 & Up	Not Stated
Crossing, entering roadway at intersection	20	50.0%	599	50.0%	16	111	107	203	106	56
Not at intersection	14	35.0%	378	31.5%	41	154	56	84	24	19
Walking with traffic	1	2.5%	20	1.7%	0	2	6	5	5	2
Walking against traffic	1	2.5%	15	1.3%	0	1	6	6	0	2
Standing or working in roadway	2	5.0%	49	4.1%	0	2	21	21	3	2
Playing in roadway	1	2.5%	24	2.0%	6	12	3	0	0	3
Lying in roadway	0	--	1	0.1%	0	0	0	1	0	0
Not in roadway	0	--	37	3.1%	2	6	10	15	3	1
Other & Not Stated	1	2.5%	75	6.2%	2	12	16	31	10	4
<b>TOTAL</b>	<b>40</b>	<b>100.0%</b>	<b>1,198</b>	<b>100.0%</b>	<b>67</b>	<b>300</b>	<b>225</b>	<b>366</b>	<b>151</b>	<b>89</b>
Percent of Total Killed or Injured					5.6%	25.0%	18.8%	30.6%	12.6%	7.4%
RURAL AREAS	No. Killed	% of Total	Total Killed or Inj.	% of Total	Age 0-4	Age 5-14	Age 15-24	Age 25-64	Age 65 & Up	Not Stated
Crossing, entering roadway at intersection	9	16.7%	103	20.7%	2	29	29	24	17	2
Not at intersection	17	31.5%	177	35.6%	13	77	34	36	9	8
Walking with traffic	6	11.1%	39	7.9%	0	3	13	21	1	1
Walking against traffic	4	7.4%	15	3.0%	0	2	7	5	1	0
Standing or working in roadway	5	9.2%	29	5.9%	0	1	11	15	2	0
Playing in roadway	2	3.7%	18	3.6%	2	14	2	0	0	0
Lying in roadway	4	7.4%	8	1.6%	0	0	4	4	0	0
Net in roadway	1	1.9%	27	5.4%	0	1	10	14	1	1
Other & Not Stated	6	11.1%	81	16.3%	0	13	31	31	4	2
<b>TOTAL</b>	<b>54</b>	<b>100.0%</b>	<b>497</b>	<b>100.0%</b>	<b>17</b>	<b>140</b>	<b>141</b>	<b>150</b>	<b>35</b>	<b>14</b>
Percent of Total Killed or Injured					3.4%	28.1%	28.4%	30.2%	7.1%	2.8%

COLLISION RATE\* BY CITY POPULATION - 1982

(Does not include collisions on state limited access roads or freeways)

<u>City</u>	<u>1982 Population</u>	<u>Traffic Deaths</u>	<u>Death Rate*</u>	<u>No. of Injuries</u>	<u>Injury Rate**</u>	<u>Total Collisions</u>	<u>Collision Rate**</u>
<u>250,000 &amp; Over</u>							
1. Seattle	492,000	30	6.1	7,602	15.45	15,826	32.16
<u>100,000 to 250,000</u>							
1. Spokane	171,700	18	10.5	2,631	15.32	4,669	27.19
2. Tacoma	160,100	16	10.0	3,146	19.65	5,296	33.07
<u>50,000 to 100,000</u>							
1. Bellevue	74,300	6	8.1	856	11.52	1,777	23.91
2. Everett	56,700	4	7.1	683	12.04	1,443	25.45
<u>25,000 to 50,000</u>							
1. Yakima	49,900	1	2.0	787	15.77	1,796	35.99
2. Bellingham	45,950	7	15.2	454	9.88	1,025	22.30
3. Vancouver	42,950	7	16.3	600	13.97	1,340	31.20
4. Bremerton	35,475	4	11.3	538	15.16	1,184	33.37
5. Kennewick	35,350	5	14.1	403	11.40	940	26.59
6. Richland	33,550	0	--	339	10.10	685	20.41
7. Renton	33,100	1	3.0	546	16.49	1,175	35.49
8. Longview	30,950	1	3.2	391	12.63	807	26.07
9. Auburn	28,950	3	10.4	323	11.15	633	21.86
10. Olympia	27,700	1	3.6	437	15.77	905	32.67
11. Edmonds	27,400	2	7.3	224	8.17	476	17.37
12. Walla Walla	25,600	5	19.5	248	9.68	532	20.78
13. Redmond	25,300	1	4.0	270	10.67	505	19.96
<u>15,000 to 25,000</u>							
1. Kent	23,775	1	4.2	602	25.32	987	41.51
2. Lynnwood	23,375	0	--	413	17.66	827	35.38
3. Pullman	23,250	0	--	79	3.39	247	10.62
4. Mercer Island	21,125	1	4.7	84	3.97	201	9.51
5. Kirkland	19,275	1	5.2	217	11.25	456	23.65
6. Pasco	19,050	1	5.2	262	13.75	628	32.96
7. Puyallup	18,575	1	5.4	222	11.95	468	25.19
8. Aberdeen	18,550	1	5.4	155	8.35	493	26.57
9. Port Angeles	17,300	1	5.8	155	8.96	436	25.15
10. Wenatchee	17,125	1	5.8	224	13.08	554	32.35
11. Mountlake Terrace	15,950	0	--	77	4.82	202	12.66
<u>10,000 to 15,000</u>							
1. Lacey	14,175	1	7.1	147	10.37	309	21.79
2. Mt. Vernon	13,625	1	7.3	128	9.39	321	23.56
3. Oak Harbor	12,250	2	16.3	72	5.87	136	11.10
4. Centralia	11,800	0	--	18	18.11	338	28.64
5. Ellensburg	11,775	0	--	75	6.36	184	15.62
6. Kelso	11,075	0	--	130	11.73	326	29.43
7. Moses Lake	10,310	0	--	101	7.79	230	20.33
Statewide Urban (Less urban freeways)	2,146,863	146	6.8	25,872	12.05	53,270	24.81

\*Frequency per 100,000

\*\*Frequency per 100,000,000

COMPARISON OF TRAFFIC COLLISIONS - NUMBER KILLED AND INJURED  
BY COUNTY - 1982

County	Total Collisions		Fatal Collisions		Number Killed		Injury Collisions		Number Injured	
	Number	%	Number	%	Number	%	Number	%	Number	%
Adams	316	0.31	8	1.18	8	1.06	146	0.39	262	0.48
Asotin	287	0.29	2	0.29	3	0.40	94	0.25	128	0.23
Benton	2,404	2.39	16	2.36	20	2.64	857	2.27	1,223	2.23
Chelan	1,225	1.22	17	2.50	20	2.64	423	1.12	622	1.14
Clallam	1,022	1.02	12	1.77	13	1.72	361	0.96	550	1.00
Clark	4,061	4.04	25	3.68	27	3.57	1,483	3.92	2,079	3.79
Columbia	115	0.11	1	0.15	1	0.13	44	0.12	62	0.11
Cowlitz	1,845	1.83	10	1.47	11	1.45	688	1.82	956	1.74
Douglas	332	0.33	2	0.29	2	0.26	112	0.30	175	0.32
Ferry	148	0.15	3	0.44	3	0.40	69	0.18	84	0.15
Franklin	980	0.97	8	1.18	11	1.45	325	0.86	498	0.91
Garfield	63	0.06	0	--	0	--	22	0.06	31	0.06
Grant	855	0.85	18	2.65	18	2.38	298	0.79	465	0.85
Grays Harbor	1,578	1.57	19	2.80	19	2.51	548	1.45	834	1.52
Island	622	0.62	12	1.77	13	1.72	272	0.72	394	0.72
Jefferson	393	0.39	4	0.59	5	0.66	153	0.40	218	0.40
King	35,733	35.50	136	20.03	147	19.42	13,008	34.42	18,383	33.55
Kitsap	3,231	3.21	19	2.80	21	2.77	1,203	3.18	1,700	3.10
Kittitas	1,029	1.02	9	1.33	10	1.32	355	0.94	546	1.00
Klickitat	284	0.23	11	1.62	14	1.85	111	0.29	171	0.31
Lewis	1,279	1.27	12	1.77	15	1.98	470	1.24	694	1.27
Lincoln	169	0.17	10	1.47	10	1.32	63	0.17	100	0.18
Mason	681	0.68	6	0.88	6	0.79	282	0.75	387	0.71
Okanogan	639	0.63	15	2.21	17	2.25	243	0.64	354	0.65
Pacific	372	0.37	5	0.74	6	0.79	136	0.36	192	0.35
Pend Oreille	156	0.16	5	0.74	5	0.66	51	0.13	76	0.14
Pierce	12,408	12.33	73	10.75	80	10.57	5,044	13.35	7,632	13.93
San Juan	157	0.16	0	--	0	--	75	0.20	101	0.18
Skagit	1,678	1.67	22	3.24	27	3.57	633	1.68	922	1.68
Skamania	177	0.18	2	0.29	2	0.26	91	0.24	135	0.25
Snohomish	7,550	7.50	48	7.07	54	7.13	2,985	7.90	4,300	7.85
Spokane	7,542	7.49	46	6.77	48	6.34	3,050	8.07	4,480	8.18
Stevens	450	0.45	13	1.91	17	2.25	169	0.45	273	0.50
Thurston	2,879	2.86	18	2.65	20	2.64	1,103	2.92	1,552	2.83
Wahkiakum	81	0.08	1	0.15	1	0.13	33	0.09	50	0.09
Walla Walla	943	0.94	9	1.33	9	1.19	362	0.96	561	1.02
Whatcom	2,344	2.33	20	2.95	21	2.77	848	2.24	1,265	2.31
Whitman	627	0.62	8	1.18	11	1.45	235	0.62	357	0.65
Yakima	3,989	3.96	34	5.01	42	5.55	1,345	3.56	1,977	3.61
TOTAL	100,644	100.0%	679	100.0%	757	100.0%	37,790	100.0%	54,789	100.0%