

TRAFFIC SAFETY  
STATISTICS  
1979  
AND  
COMPARISON YEARS

WASHINGTON 1979

A RECAP OF TRAFFIC COLLISIONS

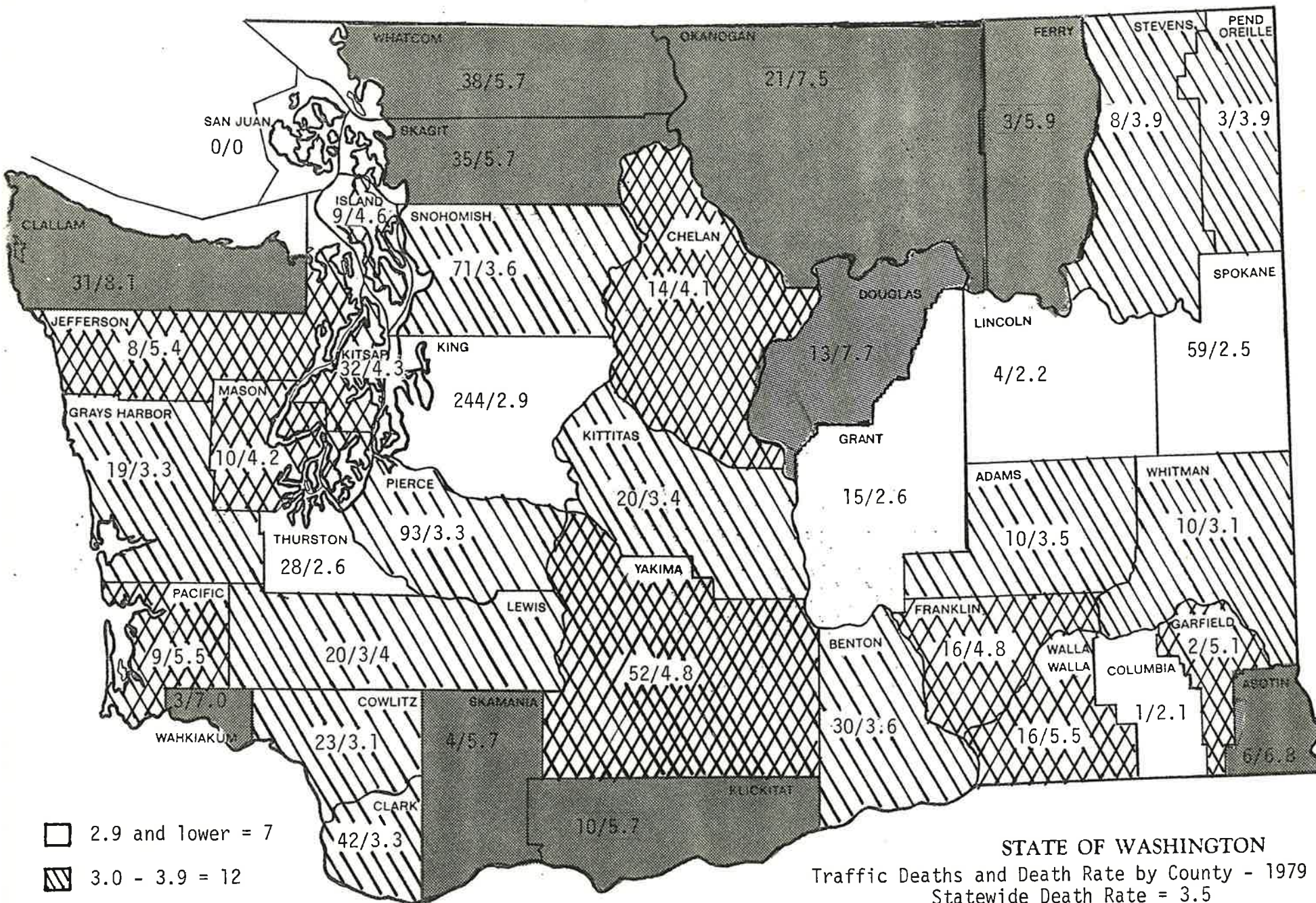
<u>CATEGORY</u>	<u>1979</u>	<u>CHANGE FROM 1978</u>
PERSONS KILLED	1,032	+ 2.6%
DEATH RATE PER 100 MILLION MILES	3.54	+ 3.5%
FATAL COLLISIONS	910	+ 3.3%
PERSONS INJURED	65,399	+ 1.1%
TOTAL COLLISIONS	118,686	+ 1.5%
MILES TRAVELLED	29,122,000,000	- 0.5%
LICENSED DRIVERS	2,579,368	+ 3.8%
POPULATION	3,911,100	+ 3.6%
REGISTERED VEHICLES	3,186,894	+ 4.2%

HIGHLIGHTS FOR 1979

FATALS: DURING THE FIRST FOUR MONTHS OF 1979 THE MONTHLY AVERAGE WAS 75 TRAFFIC DEATHS PER MONTH. THE PERIOD MAY THROUGH JULY AVERAGED 100 DEATHS PER MONTH. THE MONTHLY AVERAGE FOR THE LAST FIVE MONTHS DROPPED TO 86 DEATHS.

TRAVEL: DURING THE FIRST FOUR MONTHS, MOTOR VEHICLE TRAVEL EXCEEDED THE PREVIOUS YEARS TRAVEL BY 3.2%; HOWEVER, TRAVEL FOR EACH MONTH FOR THE REMAINDER OF THE YEAR WITH THE EXCEPTION OF NOVEMBER, WAS LESS THAN THE PREVIOUS YEARS.

INJURIES: TRAFFIC INJURIES INCREASED 10.5% DURING THE FIRST THREE MONTHS; RECORDED A 4.8% REDUCTION DURING THE NEXT PERIOD OF APRIL THROUGH SEPTEMBER; AN AVERAGE 2.8% INCREASE DURING THE LAST THREE MONTHS.

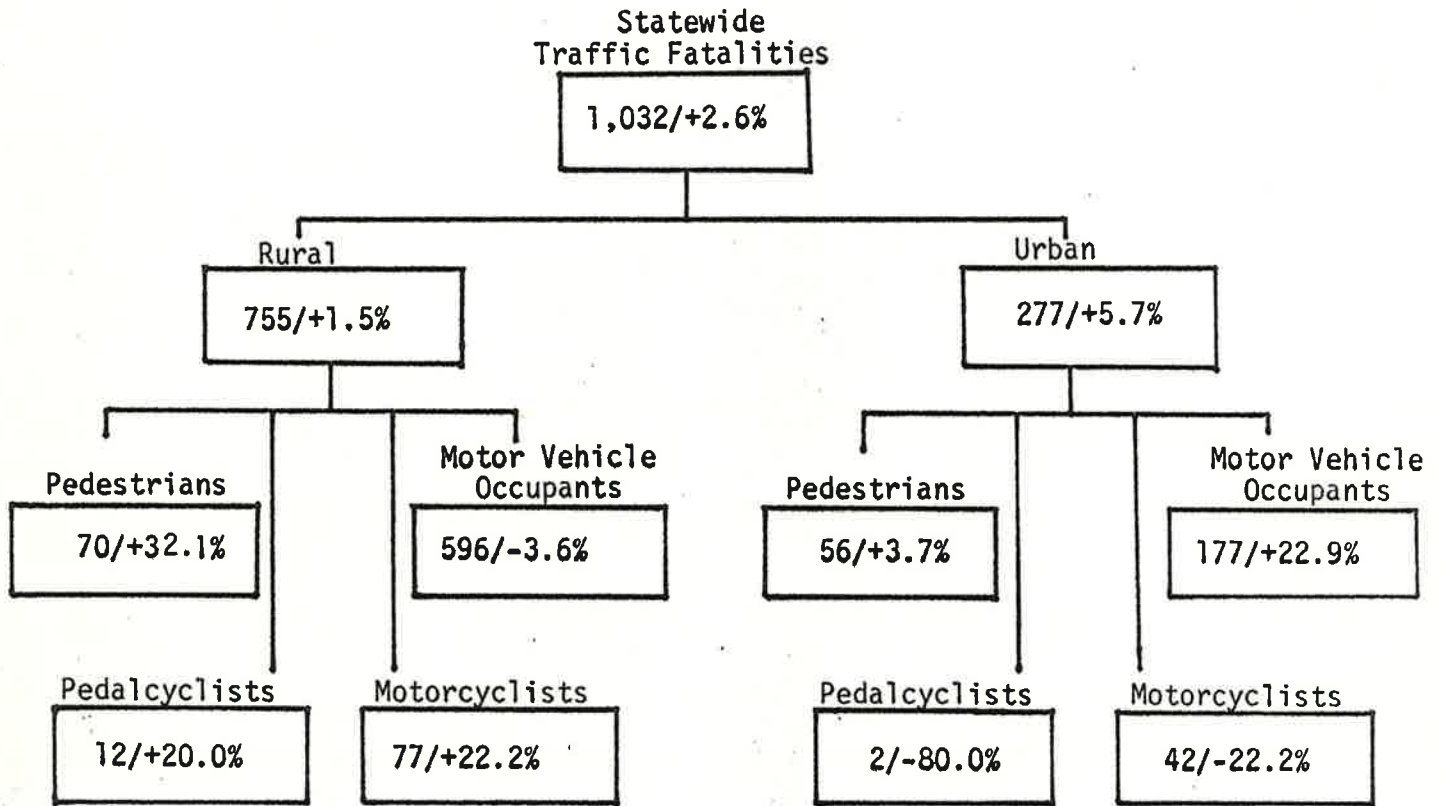


STATE OF WASHINGTON  
 Traffic Deaths and Death Rate by County - 1979  
 Statewide Death Rate = 3.5

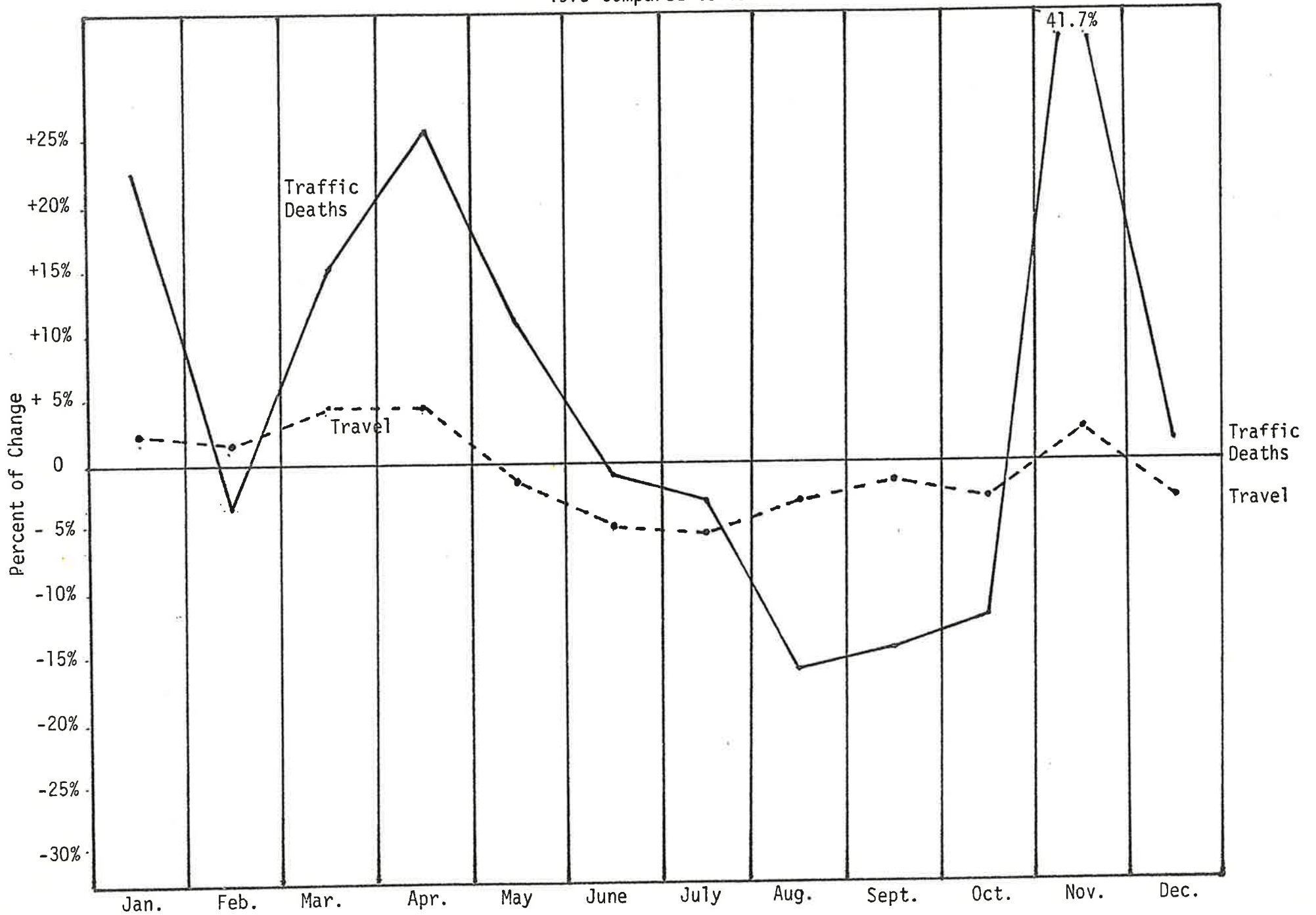
- 2.9 and lower = 7
- ▨ 3.0 - 3.9 = 12
- ▩ 4.0 - 5.5 = 10
- 5.6 and over = 10

Traffic Deaths/Death Rate  
 1032/3.5  
 (Deaths per 100 million vehicle miles)

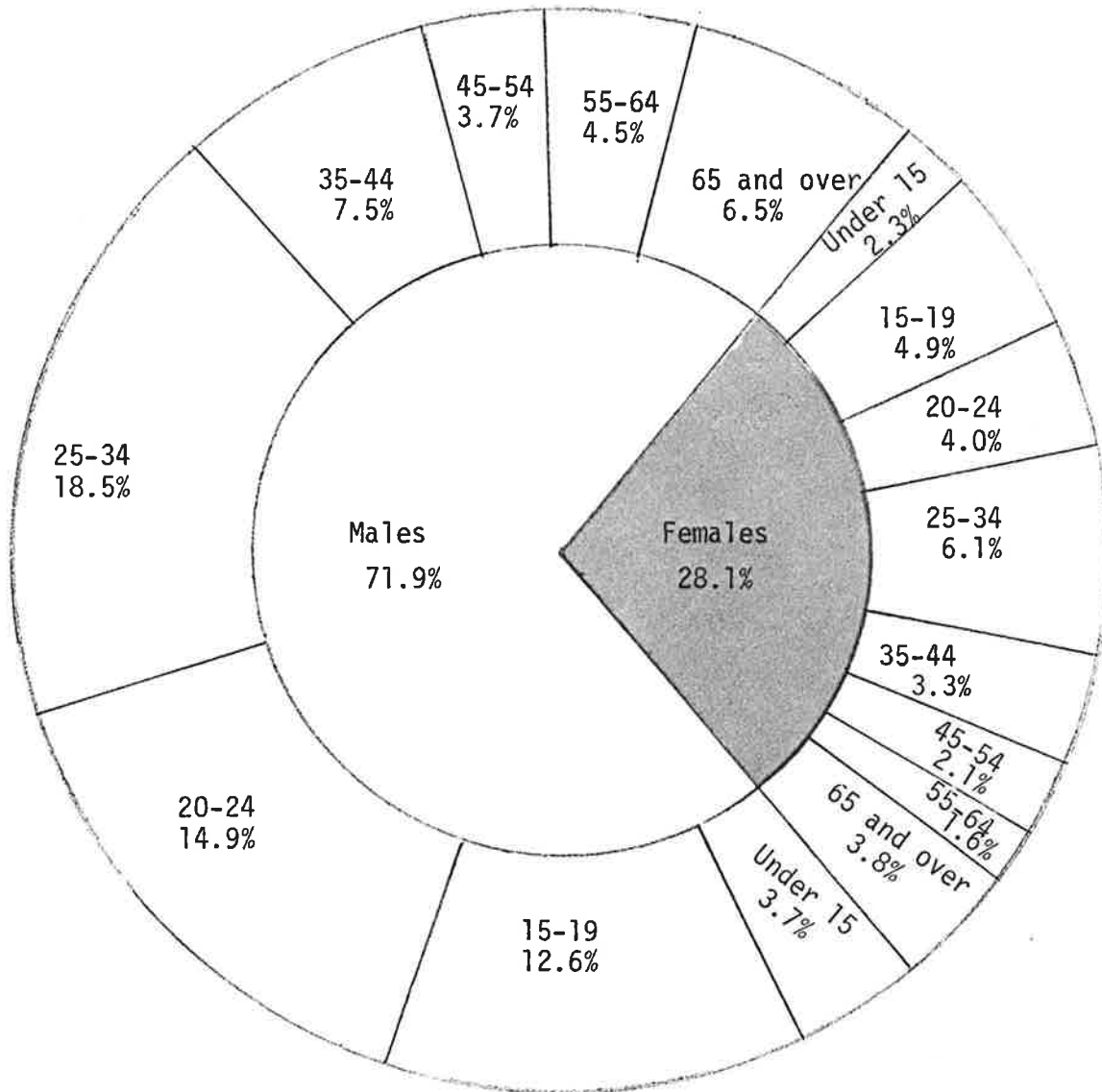
Traffic Fatalities  
in 1979  
and Percent Change from 1978



Percentage Change in Traffic Deaths and Miles Travelled by Month  
1979 Compared to 1978



Traffic Fatalities by Age and Sex  
 State of Washington  
 1979



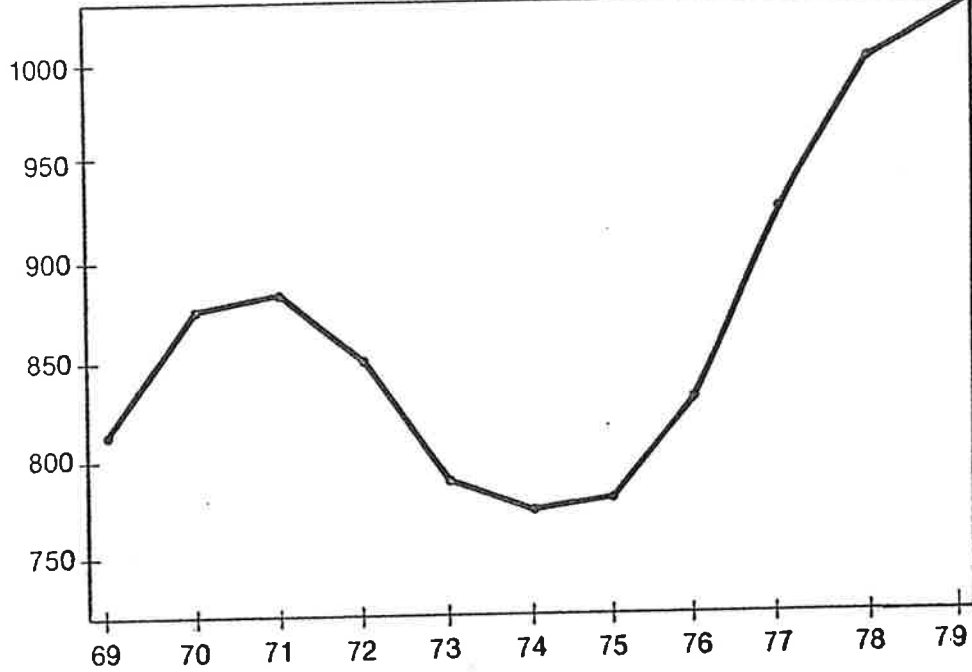
Traffic Safety Statistics  
1969 - 1979

<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	852	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	823	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	1,032	3.54

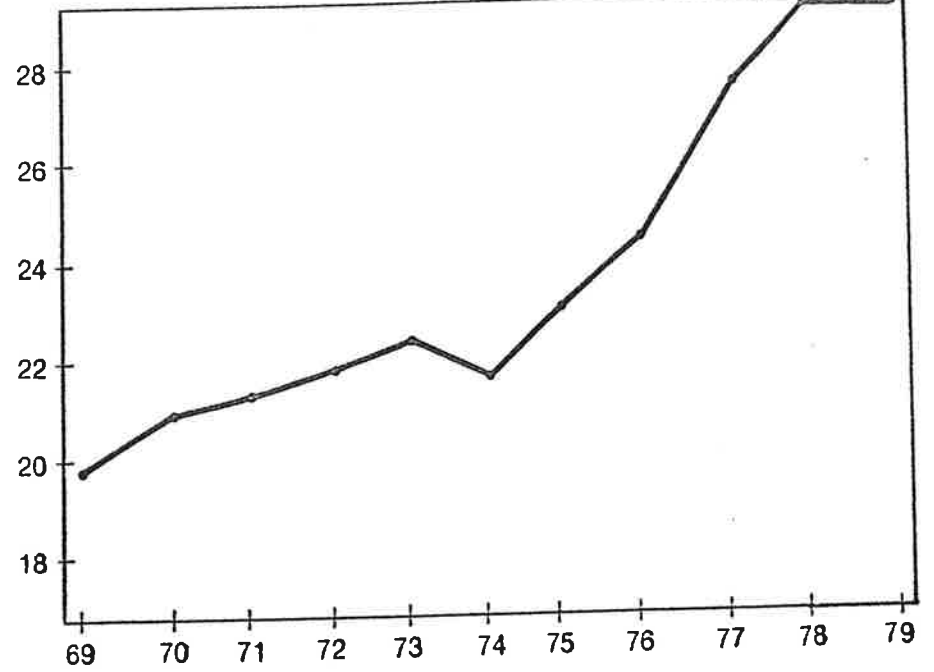
\*Traffic deaths per 100 million vehicle miles of travel

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

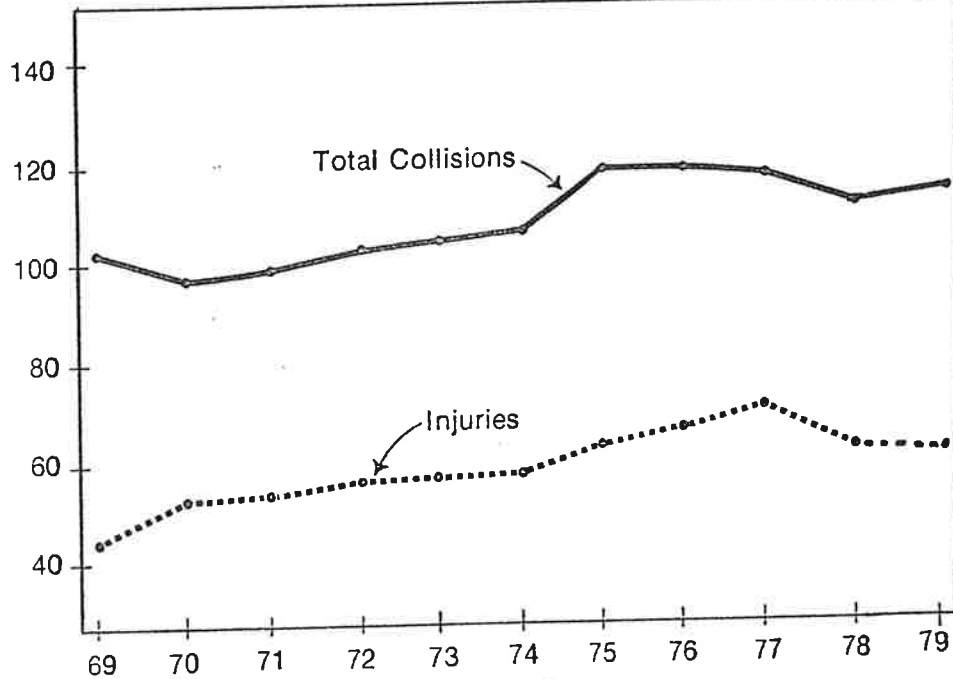
TRAFFIC DEATHS 1969-1979



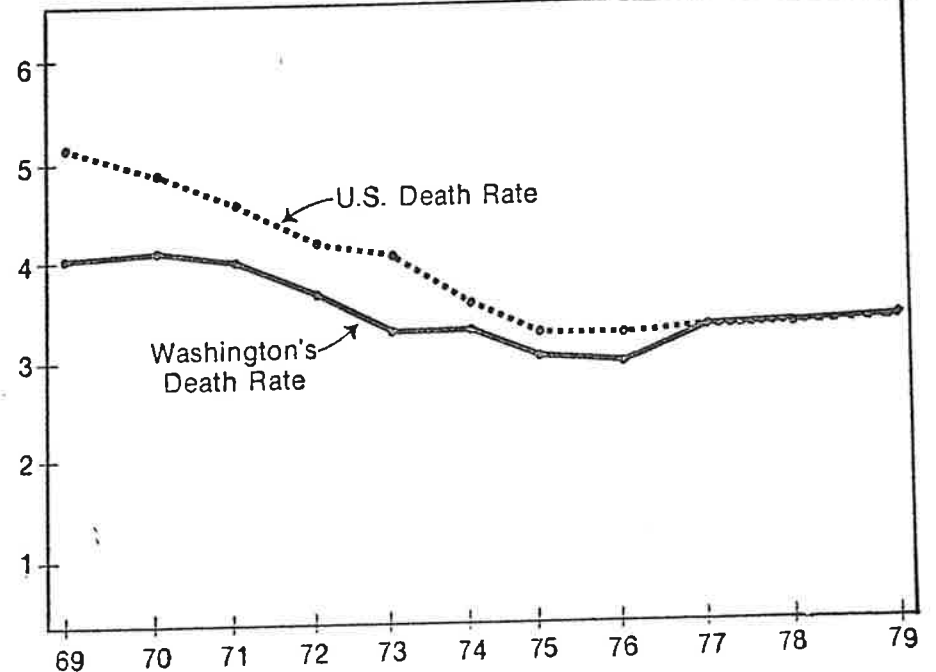
MILES TRAVELED (in billions)



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



DEATH RATE (per 100 million vehicle miles)

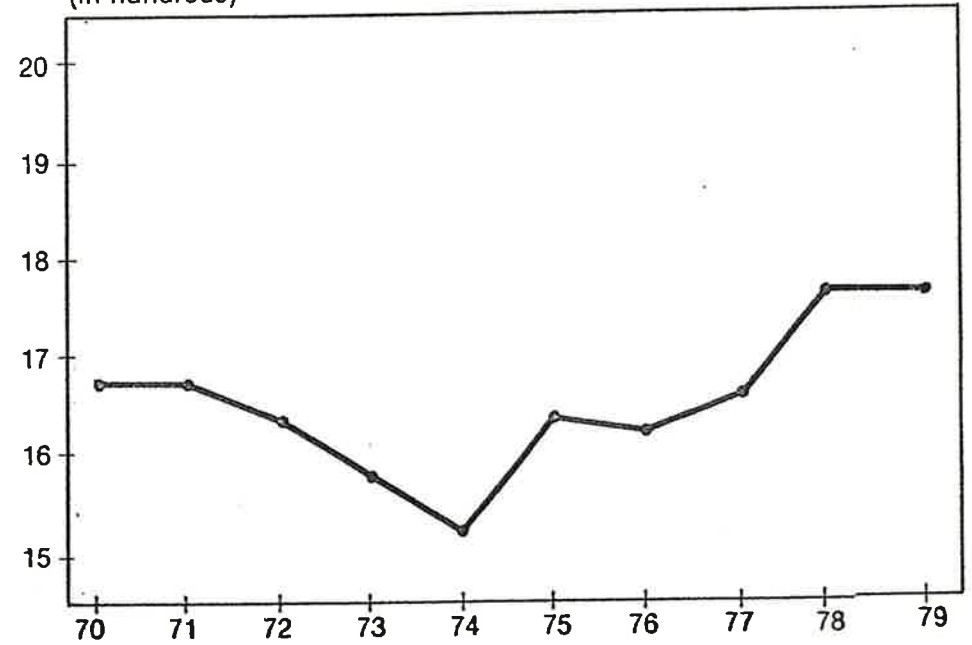




MULTIPLE VEHICLE COLLISIONS  
(in thousands)



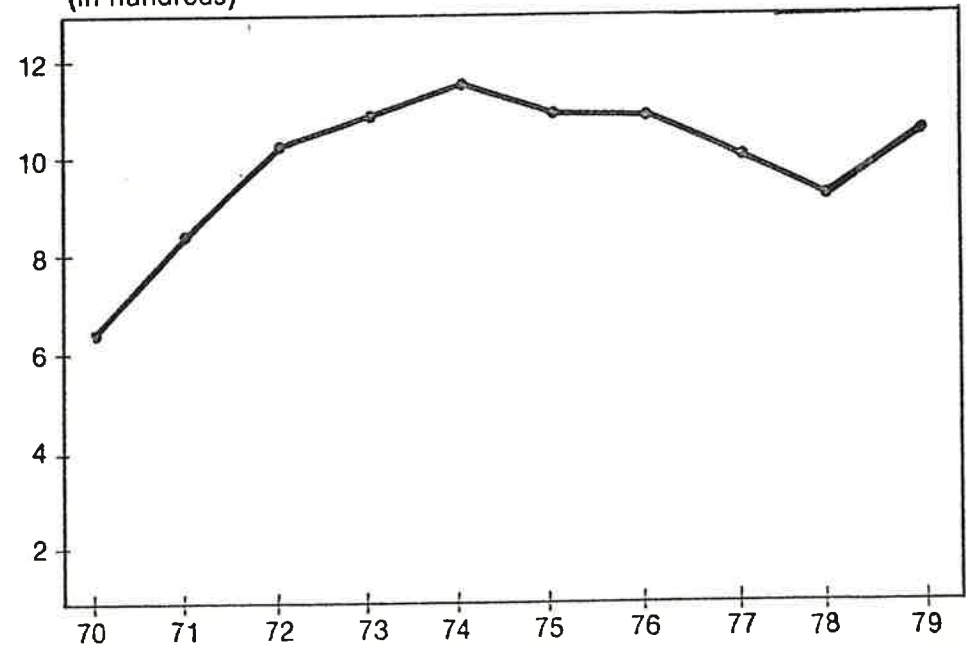
VEHICLE-PEDESTRIAN COLLISIONS  
(in hundreds)



SINGLE VEHICLE COLLISIONS  
(in thousands)



VEHICLE-PEDALCYCLIST COLLISIONS  
(in hundreds)



Traffic Collisions Problem Areas by County Priority  
1979

<u>Rank</u>	<u>Total Collisions</u>	<u>Coll. on State Routes</u>	<u>Coll. on County Roads</u>	<u>Drinking Driver Coll.</u>	<u>Youthful Driver Coll.</u>	<u>Rank</u>
1	King	Kitsap	King	Snohomish	Pierce	1
2	Pierce	King	Clark	Kitsap	Snohomish	2
3	Snohomish	Snohomish	Pierce	Pierce	King	3
4	Kitsap	Grays Harbor	Snohomish	King	Kitsap	4
5	Clark	Pierce	Kitsap	Yakima	Benton	5
6	Yakima	Clark	Island	Whatcom	Clark	6
7	Spokane	Mason	Thurston	Island	Whatcom	7
8	Benton	Spokane	Cowlitz	Grays Harbor	Spokane	8
9	Whatcom	Clallam	Whatcom	Mason	Yakima	9
10	Walla Walla	Benton	Spokane	Clark	Cowlitz	10
11	Grays Harbor	Yakima	Lewis	Benton	Grays Harbor	11
12	Thurston	Island	San Juan	Clallam	Walla Walla	12
13	Chelan	Whatcom	Chelan	Skamania	Chelan	13
14	Clallam	Asotin	Skagit	Spokane	Clallam	14
15	Cowlitz	Skamania	Yakima	Thurston	Island	15
16	Mason	Jefferson	Mason	Skagit	Thurston	16
17	Franklin	Cowlitz	Okanogan	Cowlitz	San Juan	17
18	Asotin	Ferry	Grays Harbor	San Juan	Skagit	18
19	San Juan	Pacific	Ferry	Asotin	Franklin	19
20	Island	Skagit	Asotin	Chelan	Asotin	20
21	Skagit	Okanogan	Benton	Ferry	Mason	21
22	Skamania	Stevens	Clallam	Pacific	Whitman	22
23	Jefferson	Chelan	Kittitas	Stevens	Lewis	23
24	Lewis	Klickitat	Stevens	Walla Walla	Stevens	24
25	Stevens	Whitman	Pacific	Franklin	Douglas	25
26	Okanogan	Lewis	Columbia	Okanogan	Skamania	26
27	Ferry	Walla Walla	Jefferson	Lewis	Grant	27
28	Whitman	Thurston	Walla Walla	Grant	Okanogan	28
29	Grant	Kittitas	Grant	Jefferson	Pacific	29
30	Pacific	Wahkiakum	Douglas	Whitman	Jefferson	30
31	Kittitas	Grant	Franklin	Kittitas	Kittitas	31
32	Douglas	Douglas	Pend Oreille	Douglas	Ferry	32
33	Klickitat	Pend Oreille	Klickitat	Klickitat	Adams	33
34	Pend Oreille	Franklin	Skamania	Pend Oreille	Klickitat	34
35	Adams	Columbia	Whitman	Columbia	Columbia	35
36	Lincoln	Adams	Adams	Adams	Pend Oreille	36
37	Wahkiakum	Garfield	Farfield	Lincoln	Wahkiakum	37
38	Garfield	Lincoln	Lincoln	Wahkiakum	Lincoln	38
39	Columbia	---	Wahkiakum	Garfield	Garfield	39

## COLLISION RATE\* BY CITY POPULATION

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

	1979 Population	Traffic Deaths	Death Rate	No. of Injuries	Injury Rate	Total Collisions	Collision Rate
<u>250,000 and Over</u>							
1. Seattle	497,300	64	12.9	9,400	1890.2	17,928	3605.1
<u>100,000 to 250,000</u>							
1. Spokane	179,200	23	12.8	3,134	1748.9	5,734	3200.0
2. Tacoma	157,800	14	8.9	3,413	2162.9	5,965	3779.5
<u>500,000 to 100,000</u>							
1. Bellevue	77,515	10	12.9	1,053	1358.4	2,172	2802.0
2. Everett	54,600	5	9.2	1,031	1888.3	2,148	3934.1
3. Yakima	52,700	6	11.4	1,167	2214.4	2,012	3817.8
<u>25,000 to 50,000</u>							
1. Vancouver	47,400	2	4.2	598	1261.6	1,767	3727.8
2. Bellingham	44,400	7	15.8	505	1137.4	1,193	2686.9
3. Bremerton	36,850	2	5.4	764	2073.3	1,366	3706.9
4. Richland	33,550	5	14.9	444	1323.4	1,097	3269.7
5. Longview	31,100	2	6.4	564	1813.5	1,057	3398.7
6. Renton	30,700	6	19.5	677	2205.2	1,402	4566.8
7. Kennewick	29,810	5	16.8	490	1643.7	1,286	4314.0
8. Edmonds	28,750	5	17.4	271	942.6	574	1966.5
9. Olympia	26,900	2	7.4	558	2074.9	1,178	4379.2
<u>15,000 tp 25,000</u>							
1. Auburn	25,735	6	23.3	533	2071.1	993	3858.6
2. Walla Walla	24,750	3	12.1	281	1135.4	664	2682.8
3. Pullman	23,050	0	--	109	472.9	316	1370.9
4. Lynnwood	22,600	1	4.4	530	2345.1	1,011	4473.5
5. Mercer Island	22,110	3	13.6	93	420.6	233	1053.8
6. Redmond	21,360	2	9.4	286	1339.0	572	2677.9
7. Kent	21,100	12	56.9	814	3857.8	1,320	6255.9
8. Aberdeen	19,075	4	21.0	215	1127.1	753	3947.6
9. Kirkland	19,000	1	5.3	201	1057.9	426	2242.1
10. Wenatchee	18,700	0	--	195	1042.8	557	2978.6
11. Mountlake Terr.	17,770	0	--	121	680.9	311	1750.1
12. Port Angeles	17,375	1	5.8	282	1623.0	604	3476.3
13. Puyallup	16,900	3	17.8	339	2005.9	586	3467.5
14. Pasco	16,370	9	55.0	402	2455.7	849	5186.3
<u>10,000 to 15,000</u>							
1. Lacey	13,800	1	7.2	115	833.3	288	2087.0
2. Ellensburg	13,000	1	7.7	99	761.5	233	1792.3
3. Mt. Vernon	12,600	1	7.9	154	1222.2	340	2698.4
4. Oak Harbor	12,070	0	--	73	604.8	164	1358.7
5. Moses Lake	11,300	1	8.8	113	1000.0	290	2566.4
6. Centralia	11,190	3	26.8	141	1260.1	298	2663.1
7. Kelso	10,925	2	18.3	202	1849.0	383	3505.7
8. Hoquiam	10,400	1	9.6	124	1192.3	306	2942.3

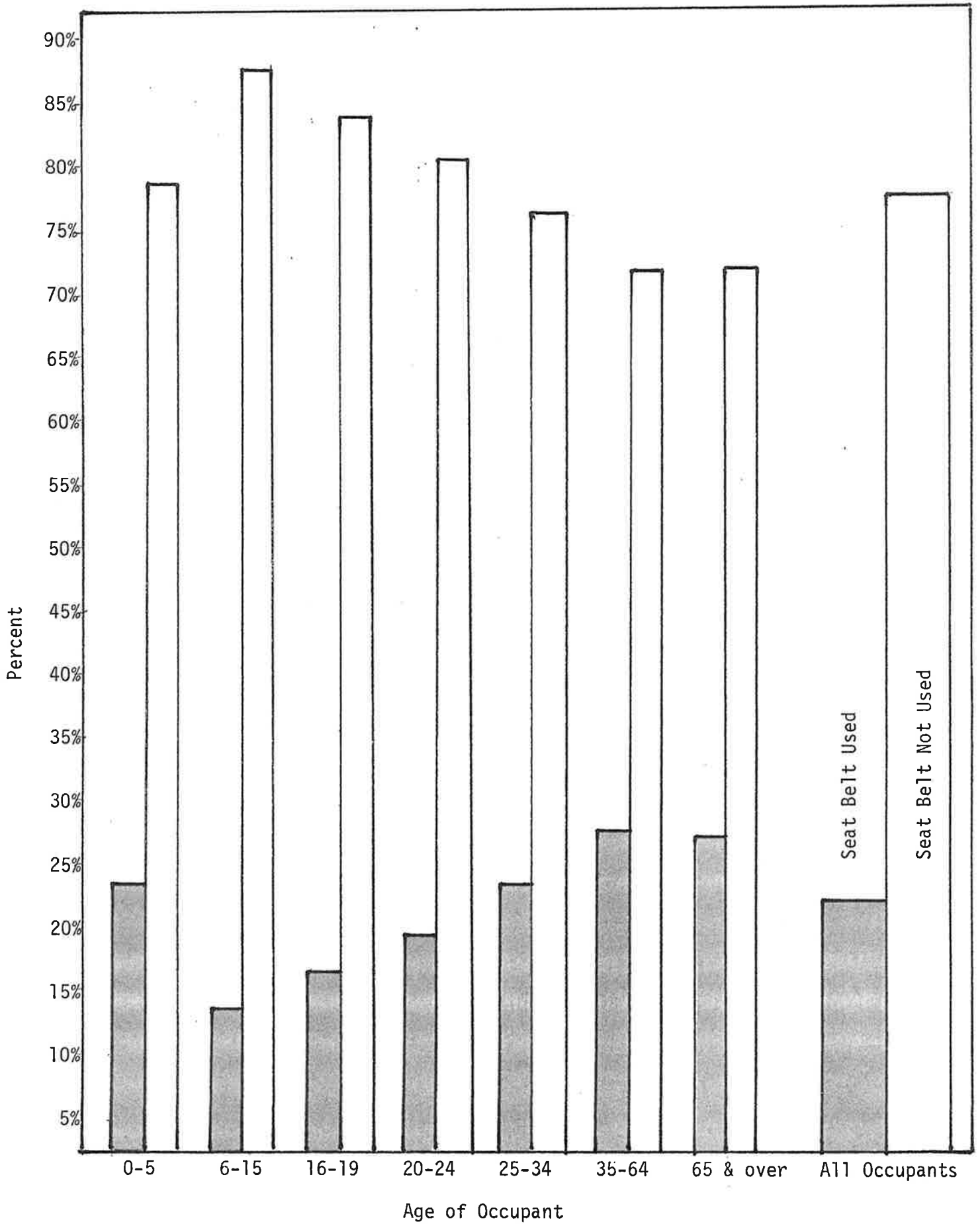
Pedalcyclist and Pedestrian Collision Rates\*  
By City Population Group

	1979 Population	Pedalcyclists		Pedestrians	
		Collisions	Rate	Collisions	Rate
<u>250,000 and Over</u>					
1. Seattle	497,300	176	35.39	494	99.34
<u>100,000 to 250,000</u>					
1. Spokane	179,200	64	35.71	129	71.99
2. Tacoma	157,800	53	33.59	103	65.27
<u>500,000 to 100,000</u>					
1. Bellevue	77,515	37	47.73	27	34.83
2. Everett	54,600	20	36.63	49	89.74
3. Yakima	52,700	17	32.26	34	64.52
<u>25,000 to 50,000</u>					
1. Vancouver	47,400	8	16.88	21	44.30
2. Bellingham	44,400	23	51.80	23	51.80
3. Bremerton	36,850	21	56.99	35	94.88
4. Richland	33,550	19	56.63	17	50.67
5. Longview	31,100	12	38.59	15	48.23
6. Renton	30,700	10	32.57	11	35.83
7. Kennewick	29,810	11	36.90	10	33.55
8. Edmonds	28,750	5	17.39	13	45.22
9. Olympia	26,900	10	37.17	25	92.94
<u>15,000 to 25,000</u>					
1. Auburn	25,735	11	42.74	12	46.63
2. Walla Walla	24,750	5	20.20	6	24.24
3. Pullman	23,050	4	17.35	8	34.71
4. Lynnwood	22,600	6	26.55	12	53.10
5. Mercer Island	22,110	8	36.18	6	27.14
6. Redmond	21,360	5	23.41	4	18.73
7. Kent	21,100	11	52.13	15	71.09
8. Aberdeen	19,075	7	36.70	19	99.61
9. Kirkland	19,000	6	31.58	5	26.32
10. Wenatchee	18,700	7	37.43	9	48.13
11. Mountlake Terrace	17,770	6	33.76	8	45.02
12. Port Angeles	17,375	10	57.55	14	80.58
13. Puyallup	16,900	6	35.50	7	41.42
14. Pasco	16,370	9	54.98	13	79.41
<u>10,000 to 15,000</u>					
1. Lacey	13,800	8	57.97	2	14.49
2. Ellensburg	13,000	6	46.15	1	7.69
3. Mount Vernon	12,600	3	23.81	9	71.43
4. Oak Harbor	12,070	1	8.29	2	16.57
5. Moses Lake	11,300	3	26.55	3	26.55
6. Centralia	11,190	3	26.81	5	44.68
7. Kelso	10,925	4	36.61	9	82.38
8. Hoquiam	10,400	1	9.62	6	57.69

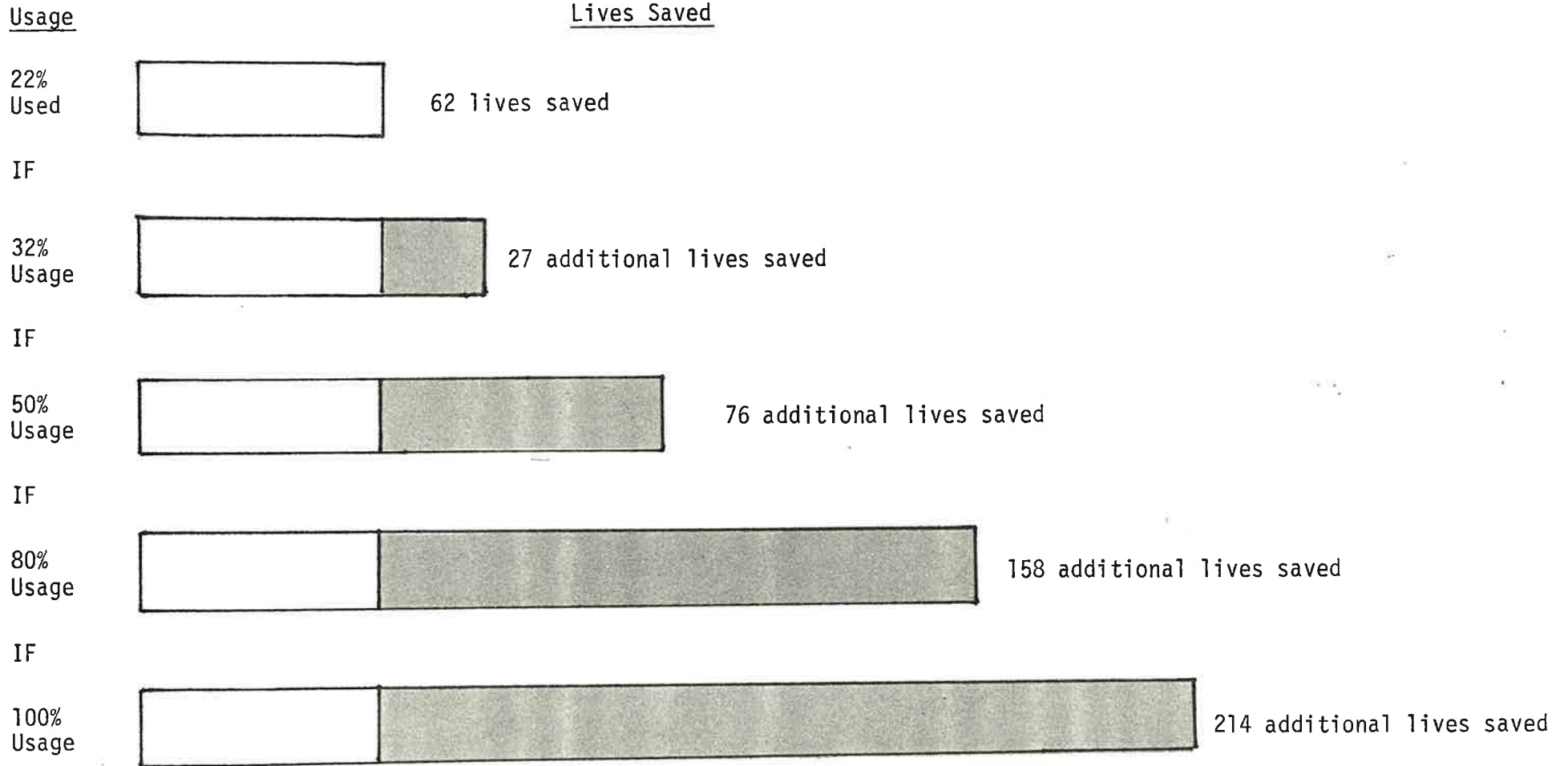
	1979	Pedalcyclists		Pedestrians	
	<u>Population</u>	<u>Collisions</u>	<u>Rate</u>	<u>Collisions</u>	<u>Rate</u>
<u>5,000 to 10,000</u>					
1. Anacortes	8,870	2	22.55	6	67.64
2. Sunnyside	7,920	1	12.63	6	75.76
3. Des Moines	7,405	2	27.01	4	54.02
4. Clarkston	7,310	3	41.04	4	54.72
5. Bothell	7,138	2	28.02	3	42.03
6. Cheney	7,110	5	70.32	0	---
7. Shelton	7,020	1	14.25	7	99.72
8. Tumwater	6,505	3	46.12	2	30.75
9. Toppenish	6,034	4	66.29	4	66.29
10. Chehalis	6,000	2	33.33	3	50.00
11. Fircrest	5,990	1	16.69	2	33.39
12. Camas	5,900	2	33.90	2	33.90
13. Port Townsend	5,800	2	34.48	0	---
14. Sedro Woolley	5,580	0	---	0	---
15. College Place	5,530	0	---	0	---
16. Ephrata	5,500	1	18.18	2	36.36
17. Marysville	5,215	0	---	5	95.88
18. Issaquah	5,160	0	---	1	19.38
19. Enumclaw	5,135	3	58.42	0	---
20. Snohomish	5,050	3	59.41	3	59.41
Urban Total (5,000 population and over)	1,835,927	653	35.57	1,235	67.27

\*Collisions per 100,000 population

Restraint Usage by Age Group

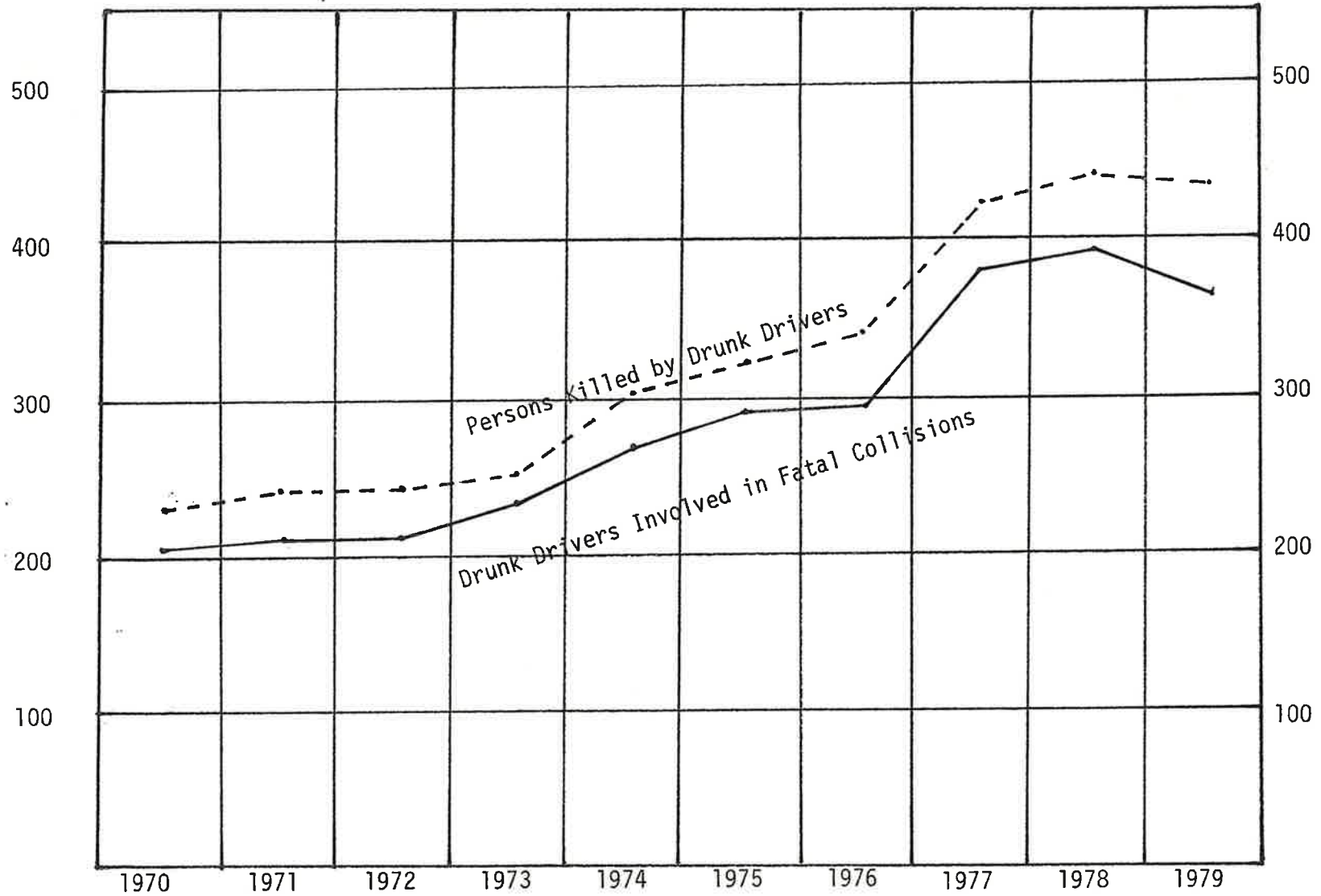


SEAT BELT EFFECTIVENESS



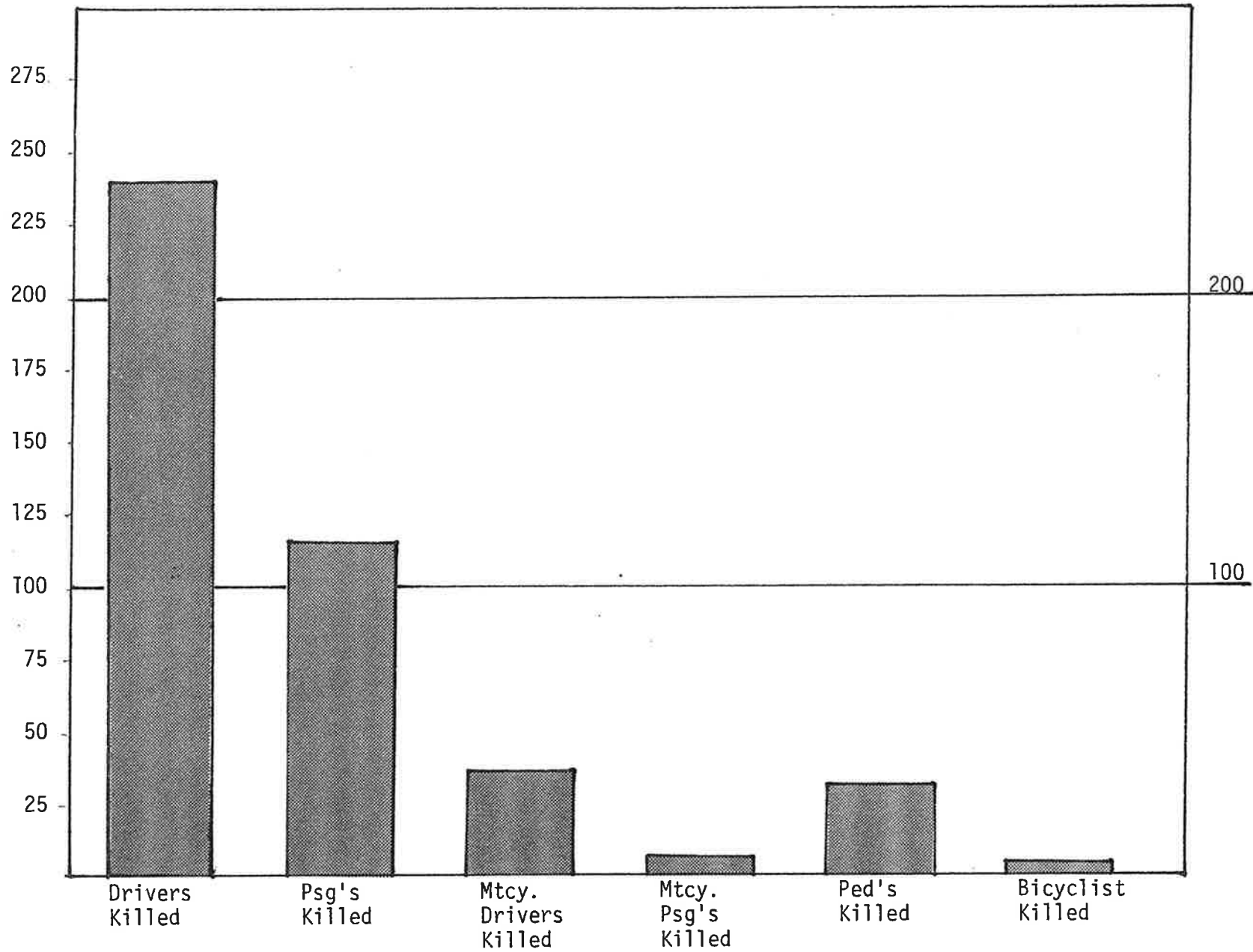
Source: Washington State Patrol  
Based on investigated collisions - first six months 1979.

Drunk Drivers Involved in Fatal Collisions  
and  
Number of Persons Killed By Drunk Drivers





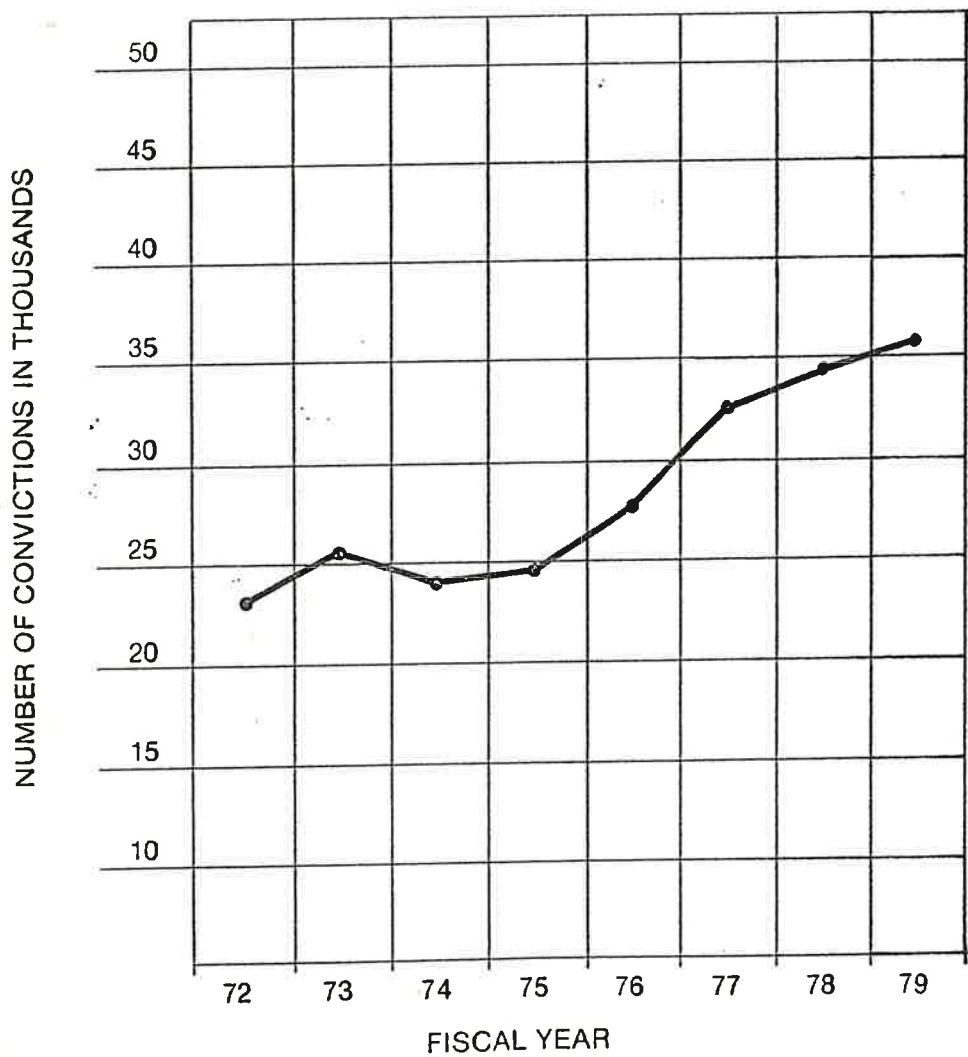
Persons Killed By DWI Drivers - 1979



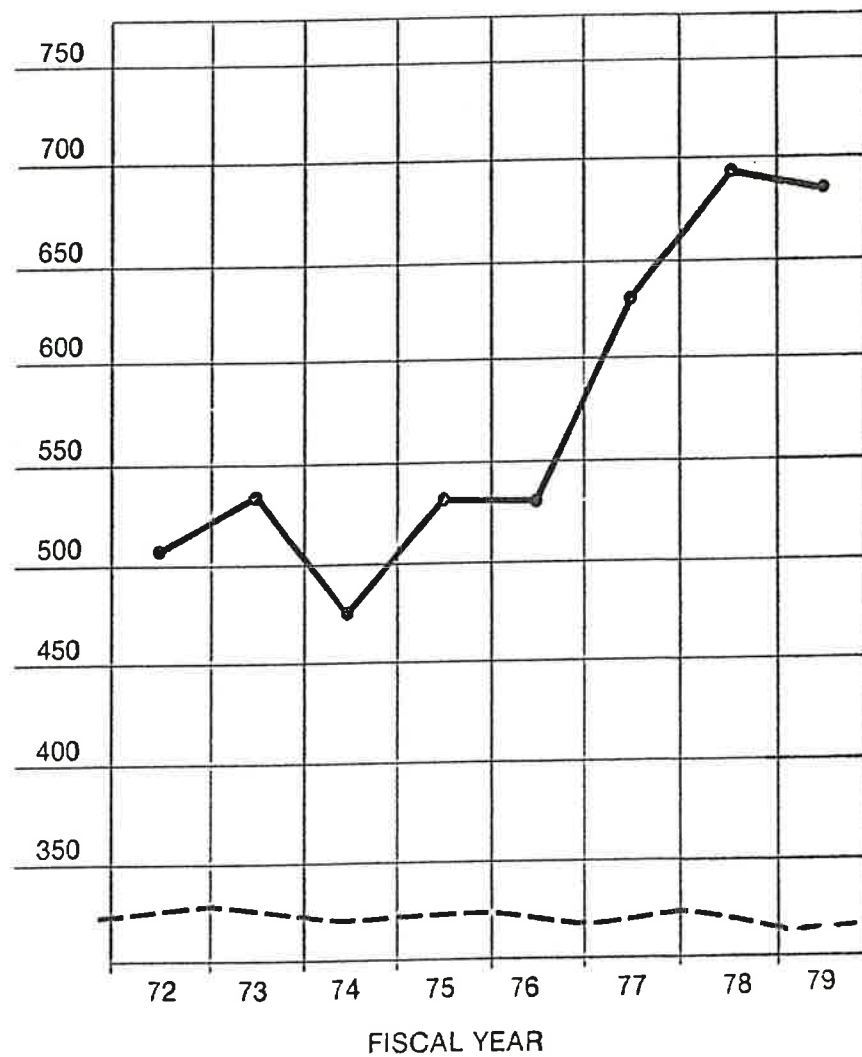
# COMPARISON OF STATEWIDE CONVICTIONS FOR HAZARDOUS MOVING VIOLATIONS

1972 — 1979

## DWI AND PHYSICAL CONTROL CONVICTIONS



## TOTAL HAZARDOUS MOVING CONVICTIONS



Comparison of Drivers Involved to Number Licensed  
By Age - 1979

