Washington State
Bicycle Collision Data

1994 to 1996

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Introduction

Understanding why collisions between motor vehicles and bicycles occur is one factor in improving bicycle safety. This report is intended to assist planners, traffic engineers, safety professionals, bicycle advocates, and others in the identification of collision types occurring in geographical areas of interest in the State of Washington. Informed decisions can then be made on how best to address problem areas.

This report provides data on bicycle collisions in the State of Washington for the three-year period from 1994 through 1996.

The report is separated into three parts.

1. The first part of the report contains figures which provide general information on bicycle collisions by time, type, roadway ownership, demographics, environmental, and other factors.

2. The second part of the report contains tables which show bicycle collisions by year, by road ownership, and by each of Washington's 39 counties.

3. The third part of the report, the Appendices, contains explanation of information used in the report and information from other sources related to bicycle safety in Washington.

Several items of particular interest from the report are as follows:

- County roads and state routes have a disproportionate number of fatal bicycle collisions in relation to the total number of bicycle collisions.

- More than half of fatal bicycle collisions involved a pickup or panel type vehicle.

- The *10 to 15* age group experienced the highest bicycle collision rate. The rate for this age group is twice that of the rate for the next highest age group.

- Collision rates for bicyclists aged 15 or younger have shown a decline from the base years of 1988 to 1993. Bicyclists in the age groups from 16 to 54 have shown an increase.

- Approximately 80 percent of bicyclists involved in collisions were male.

- Injury severity for male and female populations are similar.

- Approximately half the collisions occurred at intersections. The actions of bicyclists (22%) contributed slightly more to the occurrence than the motorists' actions (19%). It was not possible to determine whose actions were responsible in the remaining 9 percent of intersection collisions.

- Bicycling opposite to the direction of traffic (wrong way) accounted for 16 percent of all collisions. Bicyclists being hit from behind by a motor vehicle, commonly misperceived as a leading cause of bicycle collisions, accounted for only 5 percent of all collisions.

- Although alcohol involvement in all bicycle collisions was very low, 12% of bicyclists and 12% of motorists were impaired in fatal collisions.

Information on bicycle collisions was obtained from the collision records maintained by the Washington State Patrol (WSP). Vehicular collisions which involve more than $500 damage to any one party, injury, or death are required to be reported to WSP by a traffic collision report. The collision records are developed from both Police Traffic Collision Reports, used by law enforcement, and Motor Vehicle Collision Reports, used by the public.

Collisions involving tricycles (8) and unicycles (none) were not included in the data used for this report. It should be noted that the WSP database only included partial records on bicycle collisions. Bicycle collisions not involving a motor vehicle in operation were not included in the database during the analysis period, even if a collision report had been submitted. This would include such instances as a bicyclist striking an opening door from a parked car or a bicyclist crashing due to a drainage grate without crossbars. In January 1997, WSP changed their process so that all reported bicycle collisions will be included in the database.

Bicycle collision records were not available for acts of deliberate intent (i.e., vehicular assault or suicide). Collision records were not available in some instances where the collision occurred in a workzone and there was a lane closure. This would include cases in which a lane was closed to traffic by signing or barriers and a vehicle entered the closed lane unintentionally or inadvertently prior to impact.

Injuries were classified on the basis of conditions that occurred at the time of the collision. The single exception to this rule applies to *fatal injuries*. If any injury resulted in death within 30 days of the collision, it is classified as a *fatal injury*. Any fatality occurring after 30 days would not change the previously recorded injury classification in the WSP database. A *disabling injury* is any injury, other than death, that prevents the injured person from walking, driving, or normally continuing the activities the person was capable of before the injury occurred. *Disabling injury* refers to the individual's condition at the site. It does not imply that the individual was permanently disabled.

Collision types were categorized using a modified version of the Cross/Fisher bicycle collision classification method. Modification of the Cross/Fisher classification method was necessary due to the WSP records not being fully compatible with the Cross/Fisher method and due to the number of records used in the analysis. Functional class of roadway by county was selected for

the stratification of collisions to assist in the identification of the types of collisions occurring by road ownership and to allow the comparison with statewide averages. The five functional classes of roadways are (1) Interstate, (2) State Routes, (3) County Roads, (4) City Roads, and (5) Other Roads/Paths/Trails. The latter functional class would include government ownership such as university campuses or Department of Natural Resources roads, private roads, off road, etc. If a field is not applicable, "n/a" has been indicated in the table. Additional categorization was performed for specific age groups for each functional roadway class. The seven age groups are (1) less than 5, (2) 5 to 9, (3) 10 to 15, (4) 16 to 24, (5) 25 to 34, (6) 35 to 54, (7) 55 or older. A summary of annual collisions was also performed.

Caution should be used in the use of annual collision data in determining trends as the number of collisions are related to exposure to the potential for collisions. Collision exposure varies from year to year and is influenced by such factors as population growth, the number of cyclists, the number and length of trips made, the development of bicycle facilities, safety improvements, and weather. For instance, the reduced number of bicycle collisions in 1993, shown in Figure 1, is most likely due to the high number of rainy days during the summer months rather than a behavioral change of cyclists/motorists or increase in safer facilities for bicyclists.

Demographic information was obtained from the State of Washington, Office of Financial Management (OFM). Information from OFM is based on 1995 data unless otherwise indicated.

Due to rounding, percent totals may exceed 100 percent in some tables.

A Bicycle Collision Report using 1988 to 1993 data was previously published and has been used to established a baseline for bicycle collisions within the state. Just prior to the beginning of 1994, helmet laws began to be adopted by local jurisdictions. Approximately 30 percent of the state's population now reside in areas where helmet laws have been adopted. Observational surveys have also indicated an increase in helmet use. Since helmet use decreases the potential for injury, it also reduces the potential for a collision meeting the state thresholds and being included in the data. An increase in transportation improvements for bicycles has also occurred as a result of the Intermodal Surface Transportation Efficiency Act (ISTEA). The amount of bicycle miles traveled (exposure) is information that is not readily captured. The composite effect of these items occurring during the same time period on bicycle collision rates is uncertain.

In 1991, the Revised Code of Washington was changed to designate bicycles as "vehicles". This change in status placed many responsibilities on bicyclists that had previously not existed. One of them was the requirement to report collision involvement should the reporting thresholds be met. Training of law enforcement officers, the change of WSP procedures, and public awareness did not occur or become effective until January 1997. In January 1997, a new Police Traffic Collision Report was implemented which treats bicycles as vehicles, rather than as objects struck by motor vehicles. In April 1997, a new collision report for use by the public, renamed the Vehicle Collision Report, was implemented. Bicycle helmet use is recorded on the new forms. WSDOT plans a future update of the Bicycle Collision Report using 1997 to 1999 data with the expectation that the data will be more comprehensive and informational.
Various information is contained in the Appendices.

Appendix A is a flow diagram which shows the hierarchical logic used to separate the collisions into the modified Cross/Fisher classifications.

Appendix B contains the definitions of the bicycle collisions used for this report.

Appendix C contains the modified version of the Cross/Fisher classifications used for this report.

Appendix D contains a copy of the Cross/Fisher Classification of Bicycle/Motor Vehicle Collisions. The classifications were obtained from the report by The Harborview Injury Prevention and Research Center and King County entitled *Pedestrian and Bicycle Collisions With Motor Vehicles in King County, 1985 - 1990*. It is included for the convenience of users who may wish to analyze a specific area and not use modified classifications.

Appendix E is a list of jurisdictions that have adopted helmet ordinances in the state of Washington.

Appendix F contains the results of observational surveys of bicycle helmet usage conducted by the Washington Traffic Safety Commission

Appendix G contains a copy of pedalcyclist collision data for 1995 prepared by the Washington Traffic Safety Commission from the report entitled *1995 Traffic Collisions in Washington State*. It should be noted that the pedalcyclist data includes tricyclists and unicylists, as well as bicyclists. The collision rate data (collisions per 10,000 population) contained in their report is very useful and can be utilized in conjunction with the information presented in this report. It has been included for the convenience of the user.

Additional bicycle collision information may be desirable for specific geographic locations. Requests for site specific information can be made by contacting:

Washington State Department of Transportation
Transportation Data Office
PO Box 47380
Olympia, WA 98504-7380
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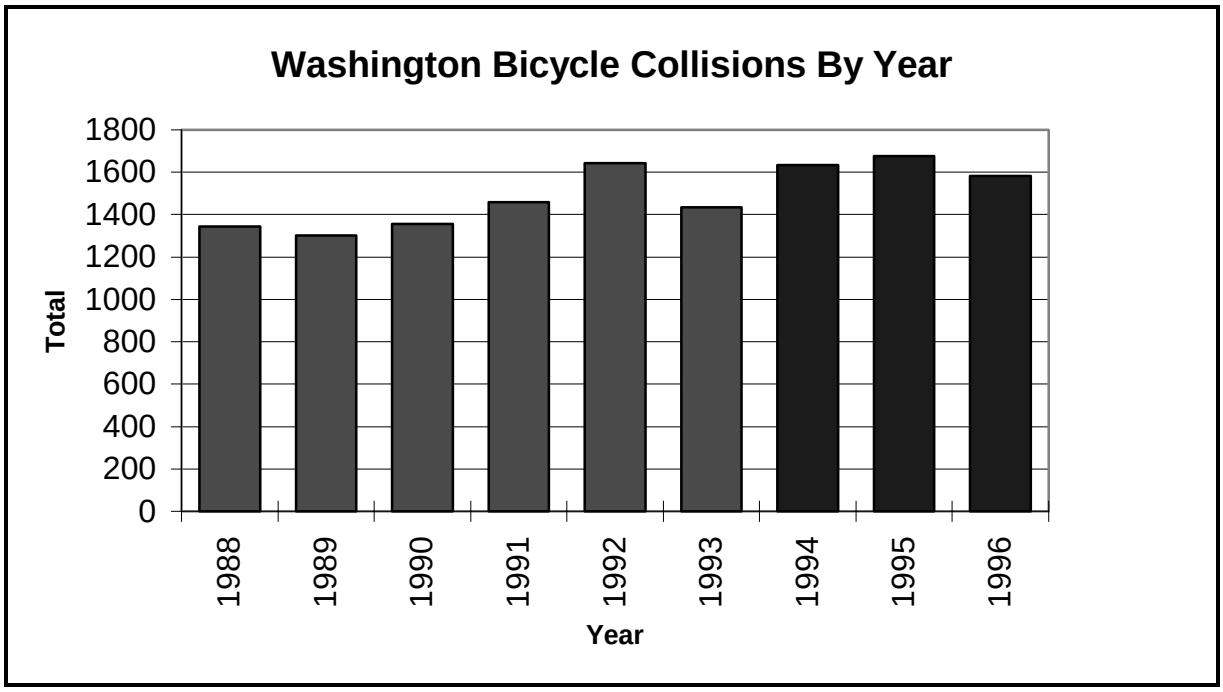


Figure 1: Washington Bicycle Collisions By Year

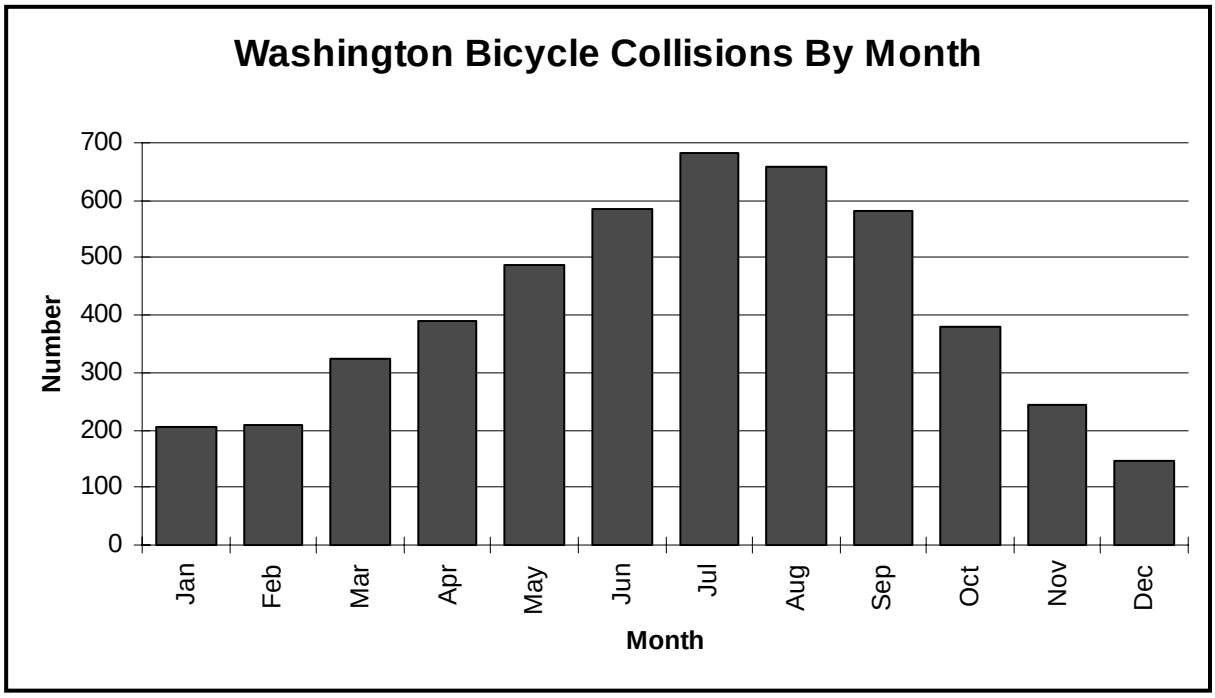


Figure 2: Washington Bicycle Collisions By Month

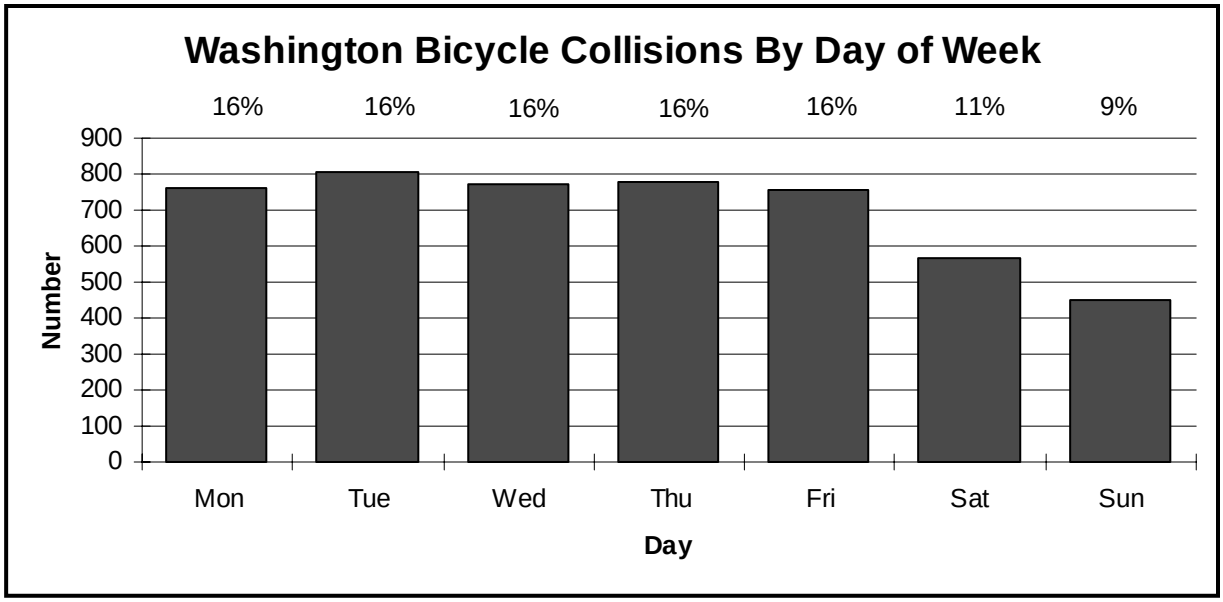


Figure 3: Washington Bicycle Collisions By Day of Week

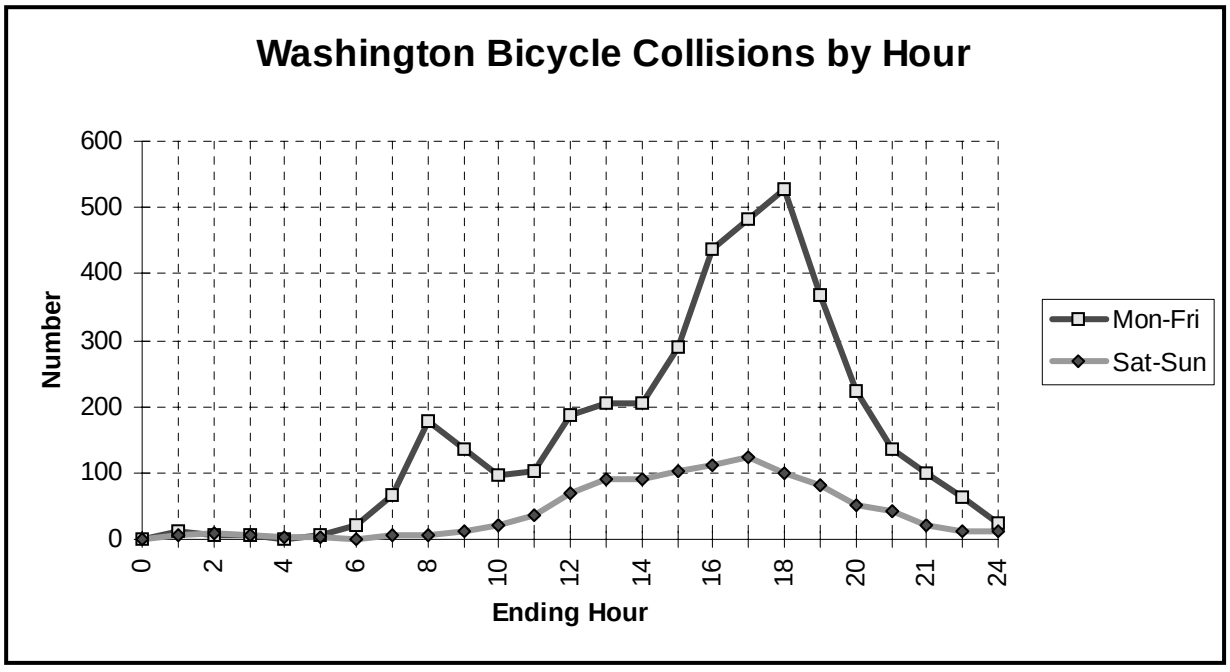


Figure 4: Bicycle Collisions By Hour

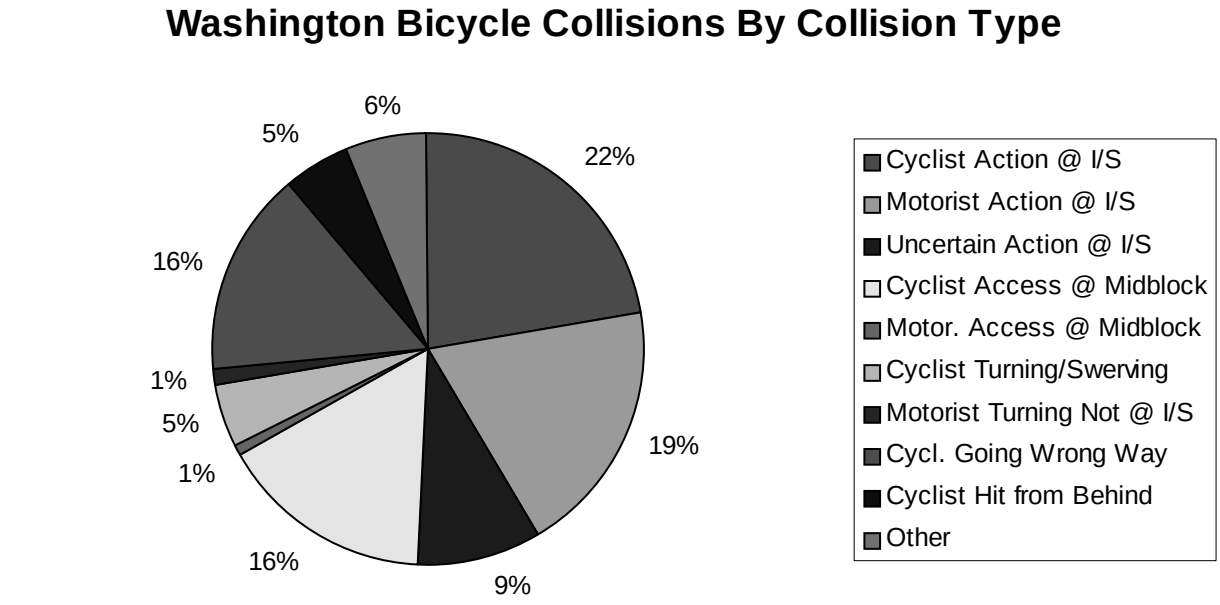


Figure 5: Washington Bicycle Collision By Collision Type

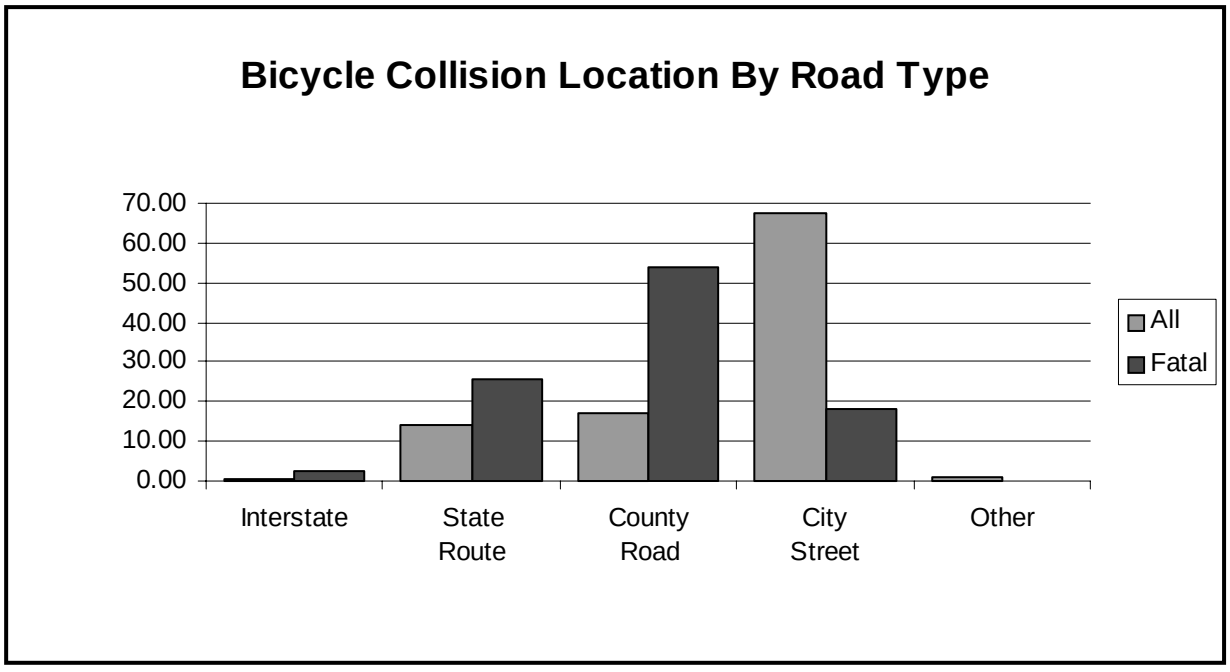


Figure 6: Bicycle Collision Location By Road Type

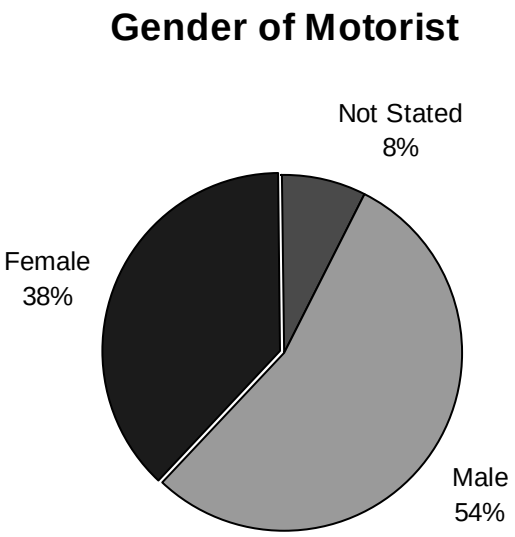


Figure 7: Gender of Motorist Involved in Bicycle Collision

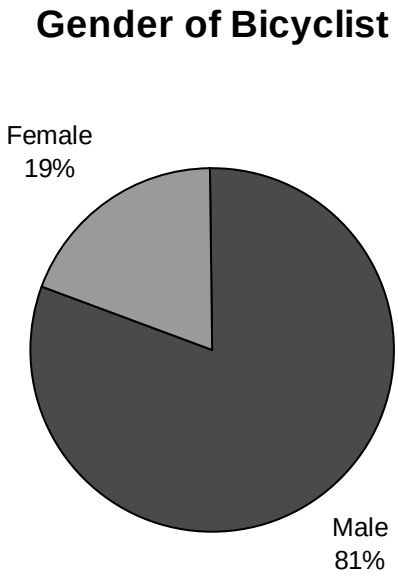


Figure 8: Gender of Bicyclist Involved in Bicycle Collision

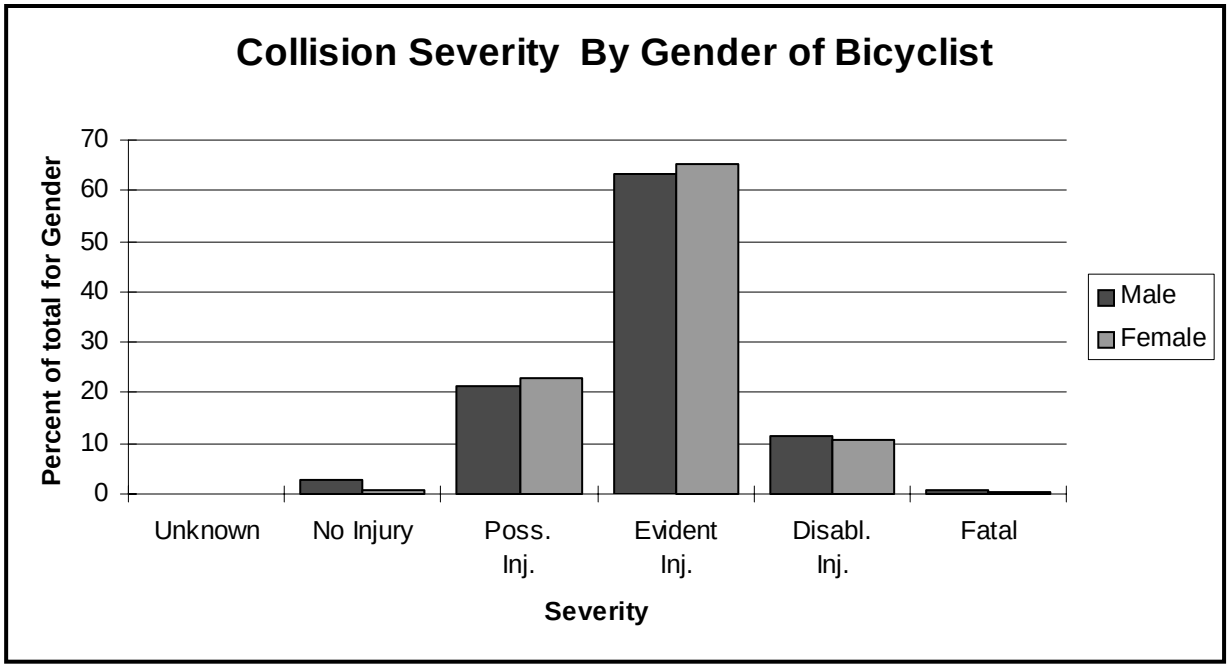


Figure 9: Bicycle Collision Severity By Gender of Bicyclist

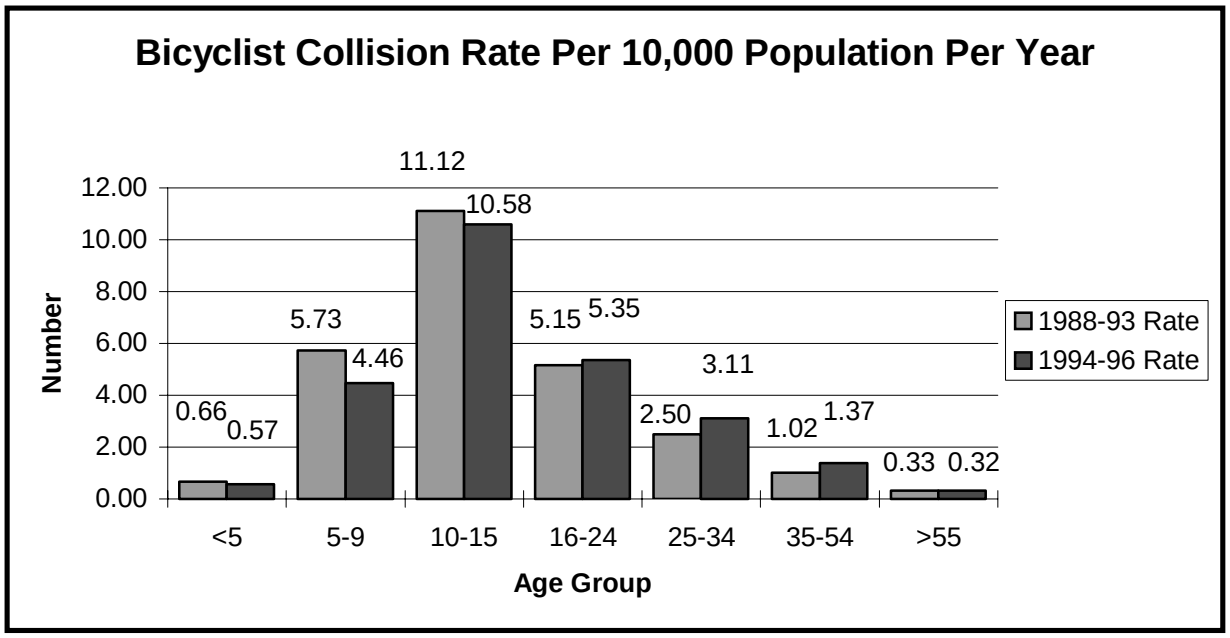


Figure 10: Bicycle Collision Rate Per 10,000 Population Per Year

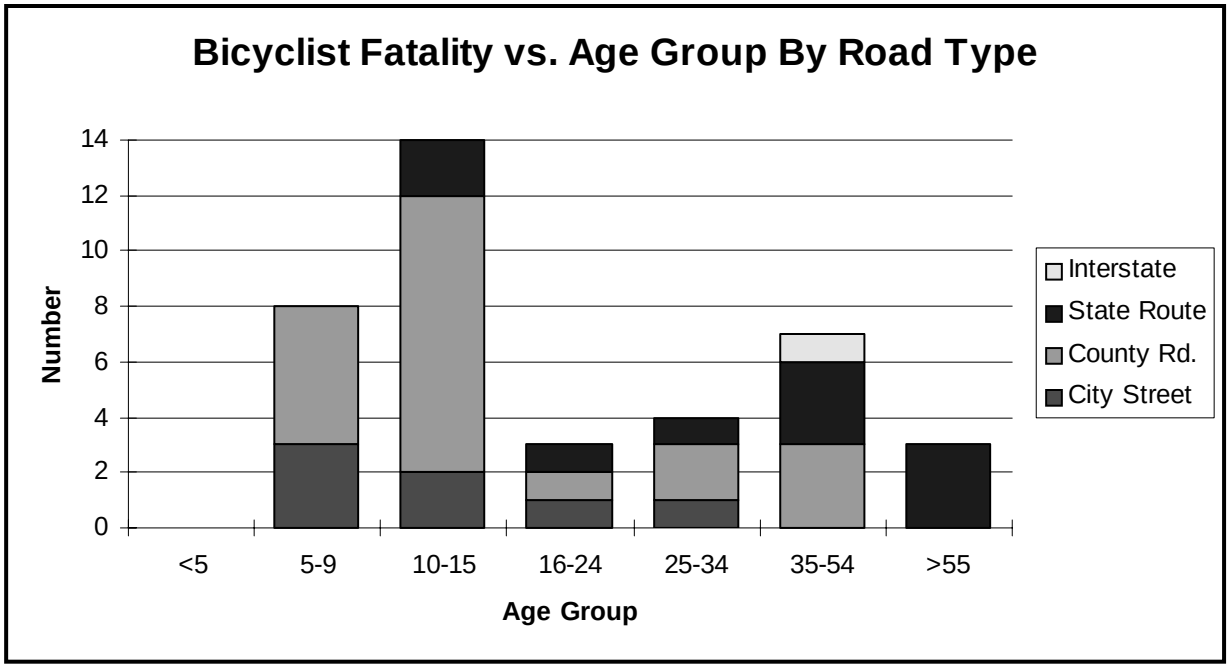


Figure 11: Bicyclist Fatality vs. Age Group By Road Type

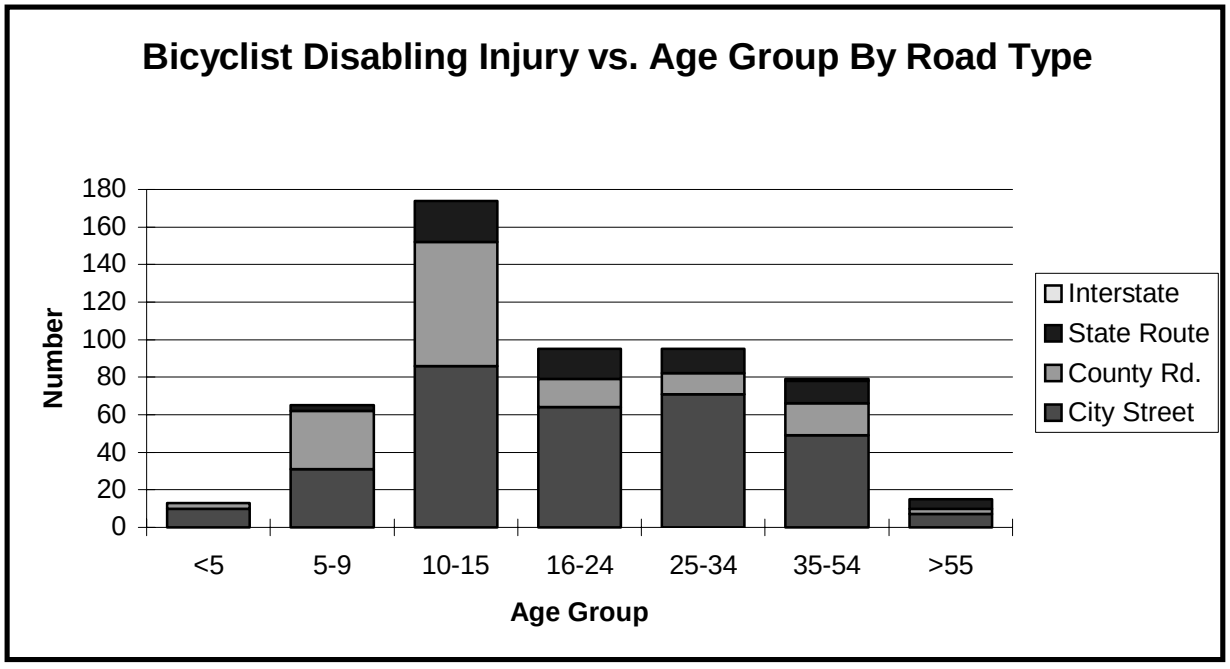


Figure 12: Bicyclist Disabling Injury vs. Age Group By Road Type

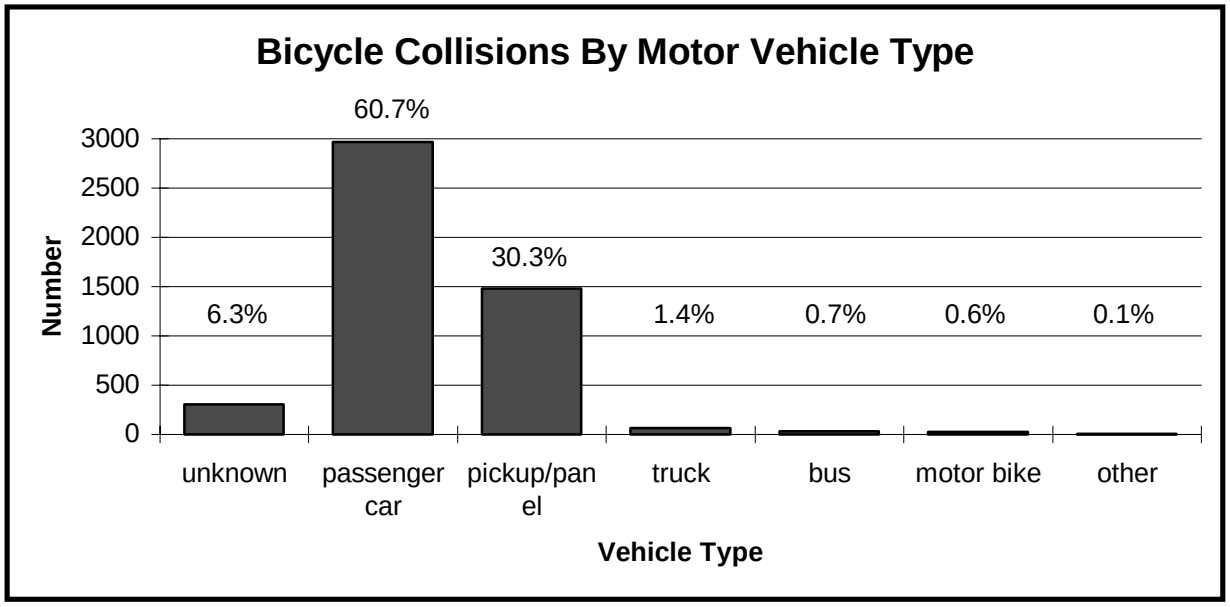


Figure 13: Bicycle Collisions By Motor Vehicle Type

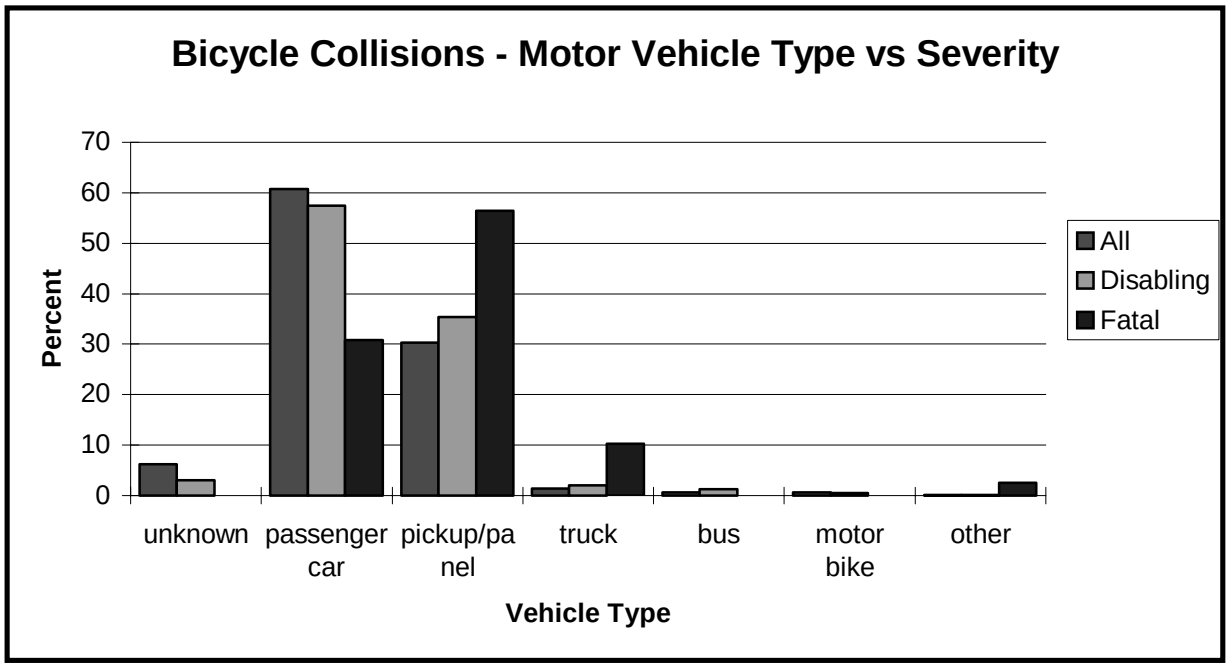


Figure 14: Bicycle Collisions - Motor Vehicle Type vs. Severity

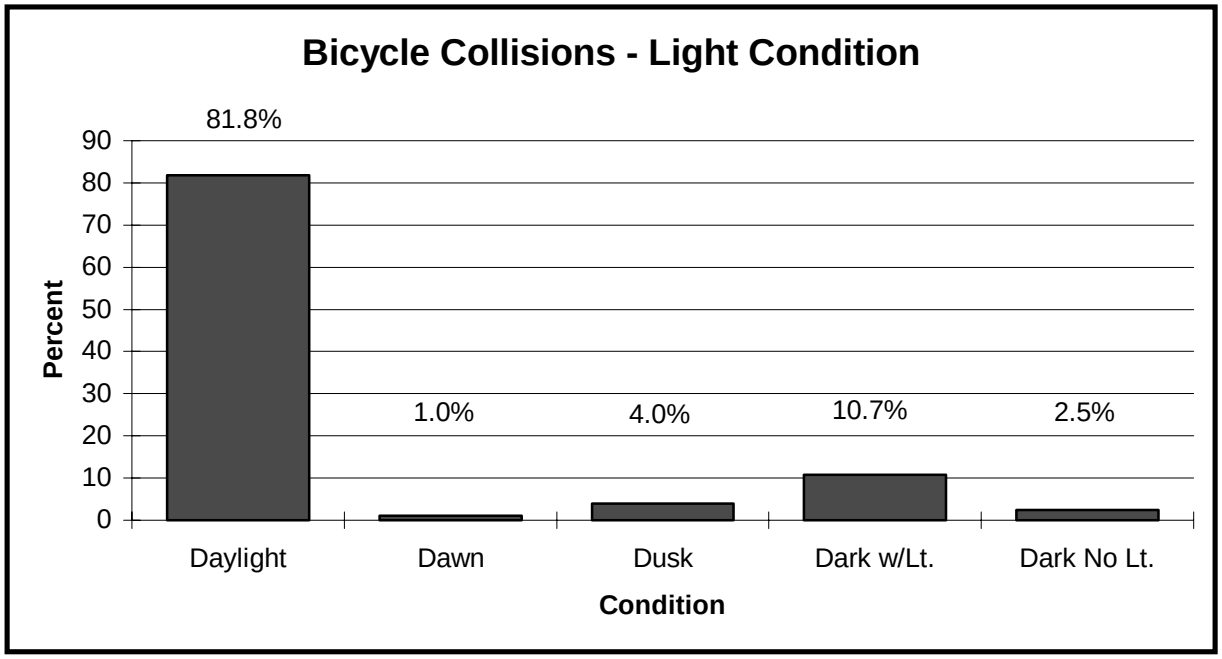


Figure 15: Bicycle Collisions - Light Condition

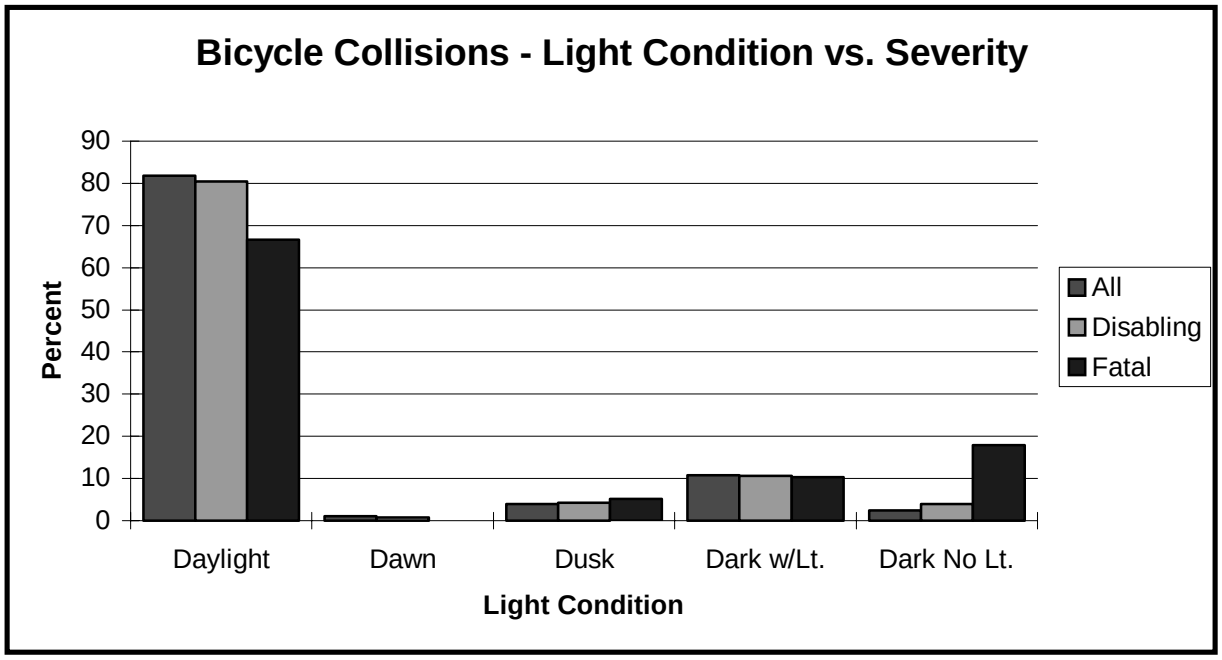


Figure 16: Bicycle Collisions - Light Condition vs. Severity

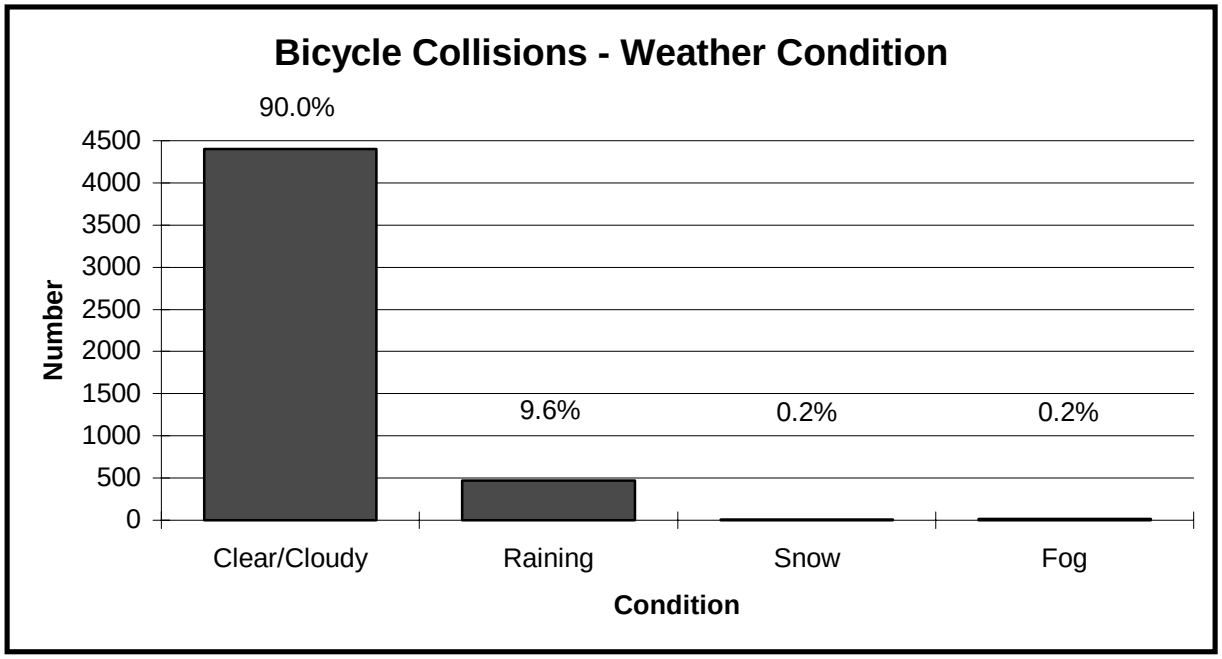


Figure 17: Bicycle Collisions - Weather Condition

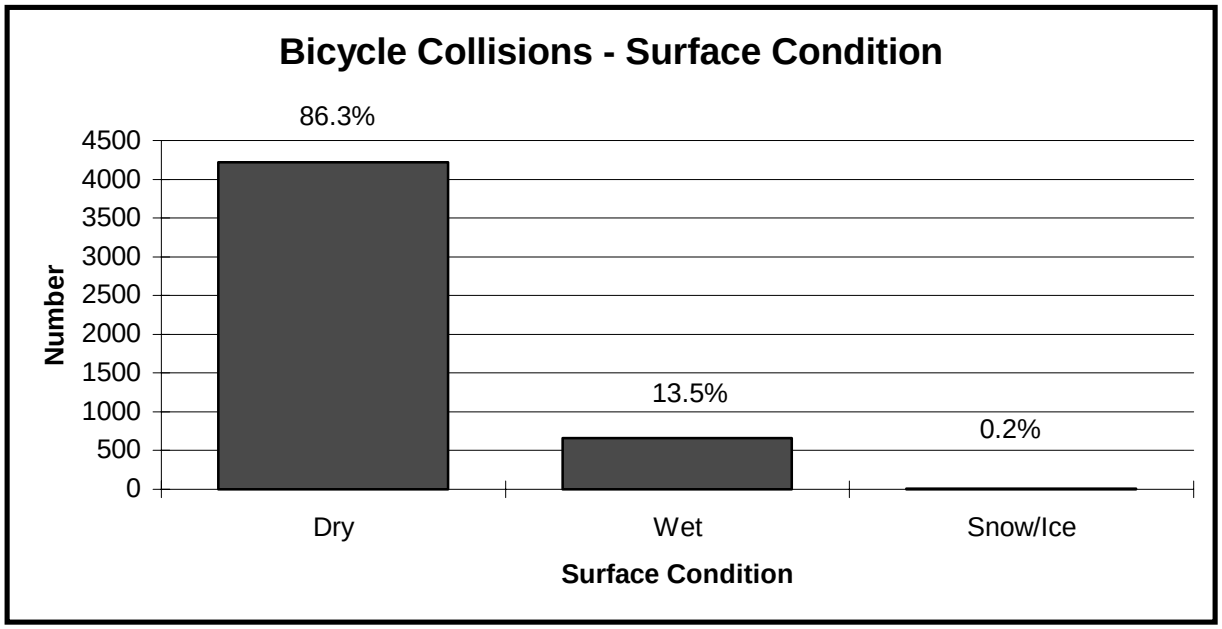


Figure 18: Bicycle Collisions - Surface Condition

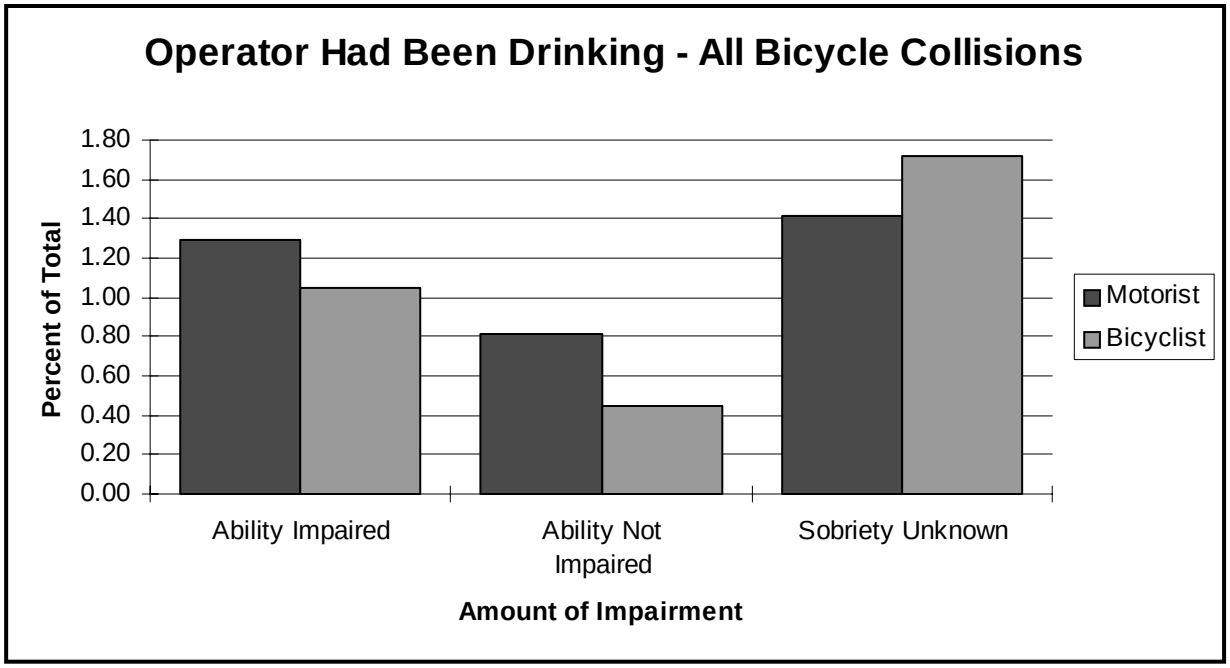


Figure 19: Operator Had Been Drinking - All Collisions

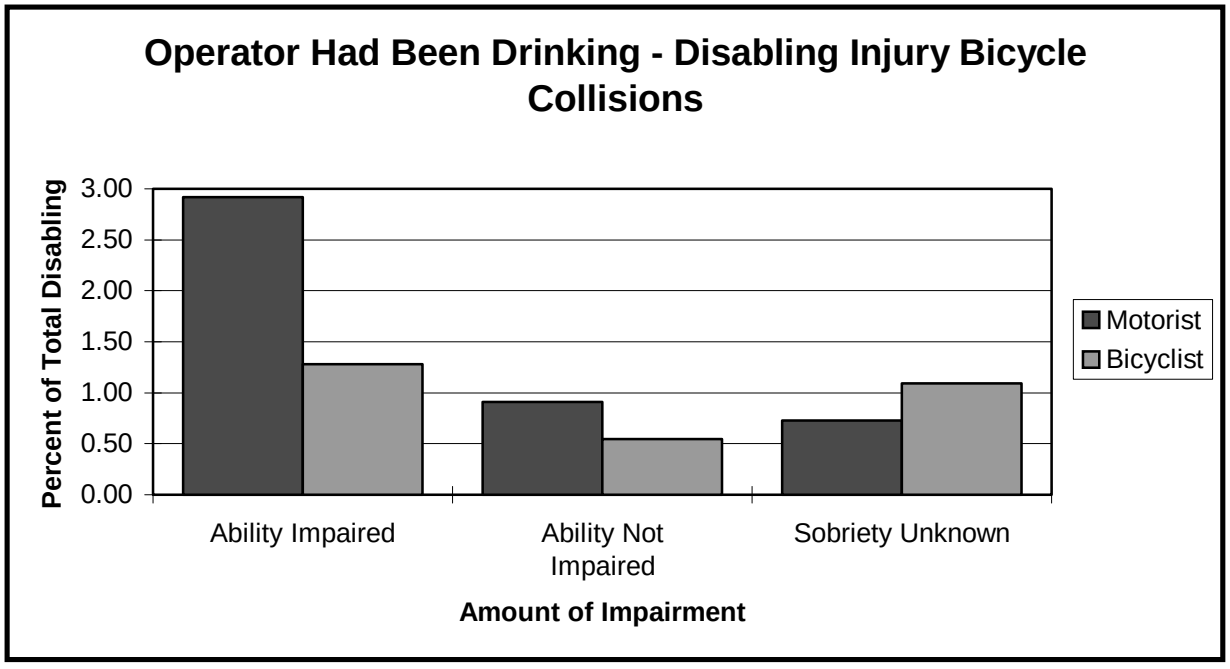


Figure 20: Operator Had Been Drinking - Disabling Injury Collisions

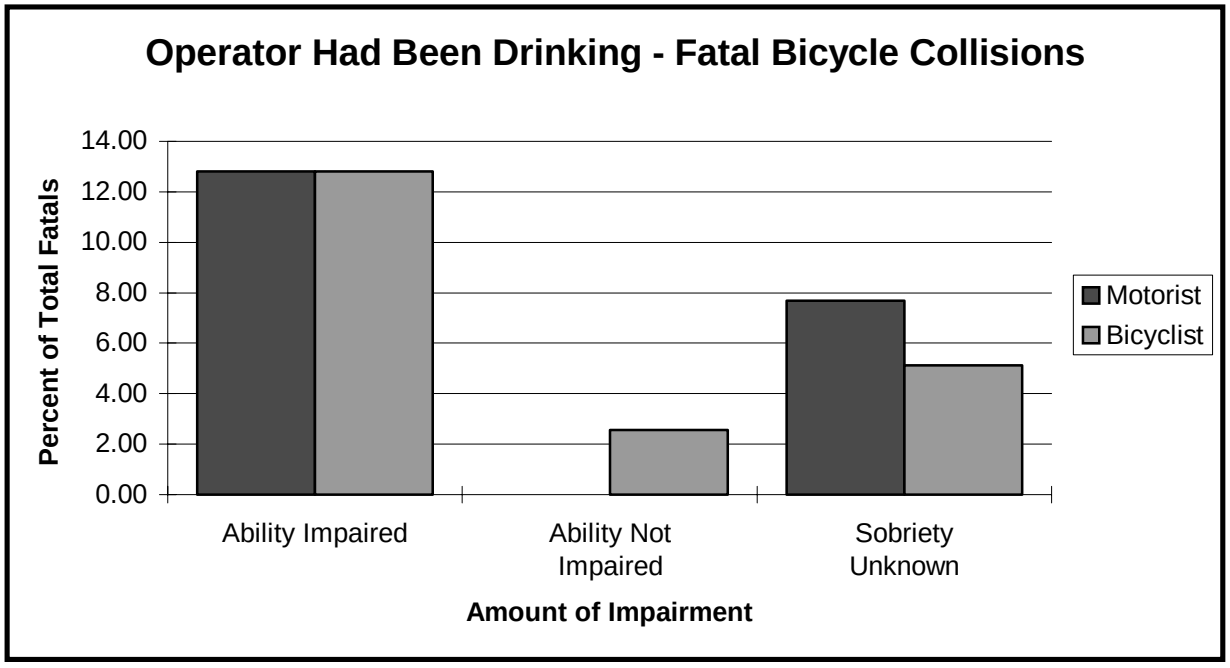


Figure 21: Operator Had Been Drinking - Fatal Collisions

TABLE 1 WASHINGTON BICYCLE COLLISIONS 1988-1996 BY YEAR

COLLISION TYPE	1988	1989	1990	1991	1992	1993	1994	1995	1996
GROUP A: BICYCLE ENTERS/LEAVES ROADWAY @ MIDBLOCK LOCATION									
TYPE 1-3: Driveway/Alley	184	193	213	224	255	253	270	244	233
TYPE 4: Curb Shoulder	28	12	20	11	20	14	15	22	15
TOTAL GROUP A	212	205	233	235	275	267	285	266	248
GROUP B: COLLISIONS @ INTERSECTION									
TYPE 5b/6b: Bike Disregard Sign/Signal	125	111	89	118	122	92	125	129	99
TYPE 7b: Bicycle Fails to Yield	124	98	103	88	100	103	112	95	107
TYPE 8b: Bicycle Turning	38	36	49	33	51	43	63	74	30
TYPE Bb: Bicycle Xing or Entering	79	77	60	73	78	63	85	83	99
SUBTOTAL GROUP B, Type 5b-Bb	366	322	301	312	351	301	385	381	335
TYPE 5m: Motor Veh. Disregard Sign	4	8	6	2	5	7	3	11	6
TYPE 6m: Motor Veh. Disregard Signal	5	12	11	10	12	11	11	13	7
TYPE 7m: Motor Veh. Fails to Yield	175	177	196	219	271	227	282	285	283
TYPE 8m: Motor Veh. Turning	6	12	6	9	3	5	9	5	9
SUBTOTAL GROUP B, Type 5m-8m	190	209	219	240	291	250	305	314	305
TYPE Bx: Inadequate Information	154	122	124	132	156	145	139	143	161
TOTAL GROUP B	710	653	644	684	798	696	829	838	801
GROUP C: MOTOR VEHICLE ENTERS/LEAVES ROADWAY @ MIDBLOCK LOCATION									
TYPE 11: Backing from Driveway	13	10	11	10	12	8	13	9	7
GROUP D: BICYCLE HIT FROM BEHIND BY MOTOR VEHICLE									
TYPE 13a: M. Veh./Bike Going Straight	72	68	70	69	72	55	64	82	68
TYPE 13/14/16/17: Motor Veh. Passing	13	10	12	11	13	11	6	14	2
TYPE 15: M. Veh. Following Too Closely	1	3	1	6	4	0	2	3	2
TOTAL GROUP D	86	81	83	86	89	66	72	99	72
GROUP E: BICYCLE TURNING/SWERVING NOT AT INTERSECTION									
Bicycle Turning/Swerving	80	74	95	87	71	83	79	80	73
GROUP F: MOTOR VEHICLE TURNING, BICYCLE NOT									
Motor Vehicle Turning, Bicycle Not	15	13	16	26	15	13	13	27	21
GROUP G: OTHER									
TYPE 26: Bicycle Going Wrong Way	135	184	186	233	273	225	240	257	262
TYPE 28: Motor Veh. Going Wrong Way	0	1	0	0	1	0	1	1	0
TYPE 35: M. Veh. Driveout from Parking	4	4	4	6	3	7	9	5	7
TYPE 36: Bike Strike Slow/Stop M. Veh.	77	64	71	77	88	62	83	82	80
TYPE 38: Miscellaneous	12	13	13	15	19	8	9	11	13
TOTAL GROUP G	228	266	274	331	384	302	342	356	362
TOTAL	1,344	1,302	1,356	1,459	1,644	1,435	1,633	1,675	1,584

TABLE 2 WASHINGTON BICYCLE COLLISIONS 1994-1996
ALL ROADS

COLLISION TYPE	#	%	INJ	FAT	<5	5-9	10-15	16-24	25-34	35-54	>54	UNK
GROUP A: BICYCLE ENTERS/LEAVES ROADWAY @ MIDBLOCK LOCATION												
TYPE 1-3: Driveway/Alley	747	15.3	719	7	8	114	207	161	129	92	16	20
TYPE 4: Curb Shoulder	52	1.1	50	1	1	0	8	10	16	17	0	0
TOTAL GROUP A	799	16.3	769	8	9	114	215	171	145	109	16	20
GROUP B: COLLISIONS @ INTERSECTION												
TYPE 5b/6b: Bike Disregard Sign/Signal	353	7.2	336	3	2	70	141	53	41	29	6	11
TYPE 7b: Bicycle Fails to Yield	314	6.4	306	3	8	61	112	53	36	34	3	7
TYPE 8b: Bicycle Turning	167	3.4	159	1	2	25	70	31	18	14	4	3
TYPE Bb: Bicycle Xing or Entering	267	5.5	255	1	13	64	121	30	12	16	1	10
SUBTOTAL GROUP B, Type 5b-Bb	1,101	22.5	1056	8	25	220	444	167	107	93	14	31
TYPE 5m: Motor Veh. Disregard Sign	20	0.4	20	0	0	1	7	3	5	3	1	0
TYPE 6m: Motor Veh. Disregard Signal	31	0.6	31	0	0	1	5	6	9	9	0	1
TYPE 7m: Motor Veh. Fails to Yield	850	17.4	842	2	11	39	205	230	172	145	20	28
TYPE 8m: Motor Veh. Turning	23	0.5	22	0	0	2	5	4	6	5	1	0
SUBTOTAL GROUP B, Type 5m-8m	924	18.9	915	2	11	43	222	243	192	162	22	29
TYPE Bx: Inadequate Information	443	9.1	422	0	4	42	98	96	78	77	12	36
TOTAL GROUP B	2,468	50.4	2,393	10	40	305	764	506	377	332	48	96
GROUP C: MOTOR VEHICLE ENTERS/LEAVES ROADWAY @ MIDBLOCK LOCATION												
TYPE 11: Backing from Driveway	29	0.6	29	0	2	5	10	3	6	3	0	0
GROUP D: BICYCLE HIT FROM BEHIND BY MOTOR VEHICLE												
TYPE 13a: M. Veh./Bike Going Straight	214	4.4	206	4	4	13	33	44	61	50	5	4
TYPE 13/14/16/17: Motor Veh. Passing	22	0.4	22	0	0	0	1	6	6	8	0	1
TYPE 15: M. Veh. Following Too Closely	7	0.1	7	0	0	0	2	4	0	1	0	0
TOTAL GROUP D	243	5.0	235	4	4	13	36	54	67	59	5	5
GROUP E: BICYCLE TURNING/SWERVING NOT AT INTERSECTION												
Bicycle Turning/Swerving	232	4.7	214	11	6	34	115	24	17	19	9	8
GROUP F: MOTOR VEHICLE TURNING, BICYCLE NOT												
Motor Vehicle Turning, Bicycle Not	61	1.2	60	0	0	0	4	22	23	10	0	2
GROUP G: OTHER												
TYPE 26: Bicycle Going Wrong Way	759	15.5	745	3	7	65	294	171	104	84	16	18
TYPE 28: Motor Veh. Going Wrong Way	2	0.0	2	0	0	1	0	0	0	0	1	0
TYPE 35: M. Veh. Driveout from Parking	21	0.4	21	0	0	0	0	7	8	4	1	1
TYPE 36: Bike Strike Slow/Stop M. Veh.	245	5.0	225	2	1	24	90	43	34	33	3	17
TYPE 38: Miscellaneous	33	0.7	30	1	1	6	0	6	4	5	8	3
TOTAL GROUP G	1060	21.7	1023	6	9	96	384	227	150	126	29	39
TOTAL	4,892	100	4,723	39	70	567	1,528	1,007	785	658	107	170

TABLE 3 WASHINGTON BICYCLE COLLISIONS 1994-1996
INTERSTATE

COLLISION TYPE	#	%	INJ	FAT	<5	5-9	10-15	16-24	25-34	35-54	>54	UNK
GROUP A: BICYCLE ENTERS/LEAVES ROADWAY @ MIDBLOCK LOCATION												
TYPE 1-3: Driveway/Alley	1	2.8	1	0	0	0	1	0	0	0	0	0
TYPE 4: Curb Shoulder	1	2.8	1	0	0	0	0	0	0	1	0	0
TOTAL GROUP A	2	5.6	2	0	0	0	1	0	0	1	0	0
GROUP B: COLLISIONS @ INTERSECTION												
TYPE 5b/6b: Bike Disregard Sign/Signal	5	13.9	5	0	0	0	3	1	0	1	0	0
TYPE 7b: Bicycle Fails to Yield	4	11.1	4	0	0	0	1	1	1	1	0	0
TYPE 8b: Bicycle Turning	0	0.0	0	0	0	0	0	0	0	0	0	0
TYPE Bb: Bicycle Xing or Entering	1	2.8	1	0	0	0	0	0	0	1	0	0
SUBTOTAL GROUP B, Type 5b-Bb	10	27.8	10	0	0	0	4	2	1	3	0	0
TYPE 5m: Motor Veh. Disregard Sign	0	0.0	0	0	0	0	0	0	0	0	0	0
TYPE 6m: Motor Veh. Disregard Signal	1	2.8	1	0	0	0	0	0	0	1	0	0
TYPE 7m: Motor Veh. Fails to Yield	8	22.2	8	0	0	0	3	1	2	2	0	0
TYPE 8m: Motor Veh. Turning	0	0.0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL GROUP B, Type 5m-8m	9	25.0	9	0	0	0	3	1	2	3	0	0
TYPE Bx: Inadequate Information	5	13.9	5	0	0	0	1	0	0	3	1	0
TOTAL GROUP B	24	66.7	24	0	0	0	8	3	3	9	1	0
GROUP C: MOTOR VEHICLE ENTERS/LEAVES ROADWAY @ MIDBLOCK LOCATION												
TYPE 11: Backing from Driveway	0	0.0	0	0	0	0	0	0	0	0	0	0
GROUP D: BICYCLE HIT FROM BEHIND BY MOTOR VEHICLE												
TYPE 13a: M. Veh./Bike Going Straight	0	0.0	0	0	0	0	0	0	0	0	0	0
TYPE 13/14/16/17: Motor Veh. Passing	0	0.0	0	0	0	0	0	0	0	0	0	0
TYPE 15: M. Veh. Following Too Closely	0	0.0	0	0	0	0	0	0	0	0	0	0
TOTAL GROUP D	0	0.0	0	0	0	0	0	0	0	0	0	0
GROUP E: BICYCLE TURNING/SWERVING NOT AT INTERSECTION												
Bicycle Turning/Swerving	2	5.6	1	1	0	0	1	0	0	1	0	0
GROUP F: MOTOR VEHICLE TURNING, BICYCLE NOT												
Motor Vehicle Turning, Bicycle Not	0	0.0	0	0	0	0	0	0	0	0	0	0
GROUP G: OTHER												
TYPE 26: Bicycle Going Wrong Way	8	22.2	8	0	0	0	3	0	4	1	0	0
TYPE 28: Motor Veh. Going Wrong Way	0	0.0	0	0	0	0	0	0	0	0	0	0
TYPE 35: M. Veh. Driveout from Parking	0	0.0	0	0	0	0	0	0	0	0	0	0
TYPE 36: Bike Strike Slow/Stop M. Veh.	0	0.0	0	0	0	0	0	0	0	0	0	0
TYPE 38: Miscellaneous	0	0.0	0	0	0	0	0	0	0	0	0	0
TOTAL GROUP G	8	22.2	8	0	0	0	3	0	4	1	0	0
TOTAL	36	100	35	1	0	0	13	3	7	12	1	0

TABLE 4 WASHINGTON BICYCLE COLLISIONS 1994-1996
STATE ROUTES

COLLISION TYPE	#	%	INJ	FAT	<5	5-9	10-15	16-24	25-34	35-54	>54	UNK
GROUP A: BICYCLE ENTERS/LEAVES ROADWAY @ MIDBLOCK LOCATION												
TYPE 1-3: Driveway/Alley	111	16.2	109	0	0	6	30	26	27	15	2	5
TYPE 4: Curb Shoulder	15	2.2	14	1	0	0	3	1	6	5	0	0
TOTAL GROUP A	126	18.4	123	1	0	6	33	27	33	20	2	5
GROUP B: COLLISIONS @ INTERSECTION												
TYPE 5b/6b: Bike Disregard Sign/Signal	47	6.9	46	1	0	5	28	8	3	3	0	0
TYPE 7b: Bicycle Fails to Yield	43	6.3	40	1	1	4	7	10	6	12	1	2
TYPE 8b: Bicycle Turning	20	2.9	19	1	0	1	9	3	0	3	3	1
TYPE Bb: Bicycle Xing or Entering	33	4.8	32	0	0	4	11	7	5	4	0	2
SUBTOTAL GROUP B, Type 5b-Bb	143	20.9	137	3	1	14	55	28	14	22	4	5
TYPE 5m: Motor Veh. Disregard Sign	4	0.6	4	0	0	0	2	0	1	1	0	0
TYPE 6m: Motor Veh. Disregard Signal	4	0.6	4	0	0	0	1	2	1	0	0	0
TYPE 7m: Motor Veh. Fails to Yield	117	17.1	115	0	0	5	44	29	20	16	2	1
TYPE 8m: Motor Veh. Turning	5	0.7	4	0	0	0	1	1	3	0	0	0
SUBTOTAL GROUP B, Type 5m-8m	130	19.0	127	0	0	5	48	32	25	17	2	1
TYPE Bx: Inadequate Information	67	9.8	65	0	1	3	21	13	13	9	1	6
TOTAL GROUP B	340	49.6	329	3	2	22	124	73	52	48	7	12
GROUP C: MOTOR VEHICLE ENTERS/LEAVES ROADWAY @ MIDBLOCK LOCATION												
TYPE 11: Backing from Driveway	0	0.0	0	0	0	0	0	0	0	0	0	0
GROUP D: BICYCLE HIT FROM BEHIND BY MOTOR VEHICLE												
TYPE 13a: M. Veh./Bike Going Straight	20	2.9	18	1	0	0	0	5	11	4	0	0
TYPE 13/14/16/17: Motor Veh. Passing	1	0.1	1	0	0	0	0	0	0	0	0	1
TYPE 15: M. Veh. Following Too Closely	0	0.0	0	0	0	0	0	0	0	0	0	0
TOTAL GROUP D	21	3.1	19	1	0	0	0	5	11	4	0	1
GROUP E: BICYCLE TURNING/SWERVING NOT AT INTERSECTION												
Bicycle Turning/Swerving	32	4.7	27	4	0	2	15	3	4	6	2	0
GROUP F: MOTOR VEHICLE TURNING, BICYCLE NOT												
Motor Vehicle Turning, Bicycle Not	4	0.6	4	0	0	0	0	2	1	1	0	0
GROUP G: OTHER												
TYPE 26: Bicycle Going Wrong Way	135	19.7	134	0	1	3	47	30	23	23	5	3
TYPE 28: Motor Veh. Going Wrong Way	0	0.0	0	0	0	0	0	0	0	0	0	0
TYPE 35: M. Veh. Driveout from Parking	1	0.1	1	0	0	0	0	0	1	0	0	0
TYPE 36: Bike Strike Slow/Stop M. Veh.	25	3.6	22	1	0	3	9	10	1	2	0	0
TYPE 38: Miscellaneous	1	0.1	1	0	0	0	0	0	0	1	0	0
TOTAL GROUP G	162	23.6	158	1	1	6	56	40	25	26	5	3
TOTAL	685	100	660	10	3	36	228	150	126	105	16	21

TABLE 5 WASHINGTON BICYCLE COLLISIONS 1994-1996
COUNTY ROADS

COLLISION TYPE	#	%	INJ	FAT	<5	5-9	10-15	16-24	25-34	35-54	>54	UNK
GROUP A: BICYCLE ENTERS/LEAVES ROADWAY @ MIDBLOCK LOCATION												
TYPE 1-3: Driveway/Alley	112	13.6	105	5	2	32	46	8	9	11	3	1
TYPE 4: Curb Shoulder	17	2.1	17	0	0	0	4	4	4	5	0	0
TOTAL GROUP A	129	15.6	122	5	2	32	50	12	13	16	3	1
GROUP B: COLLISIONS @ INTERSECTION												
TYPE 5b/6b: Bike Disregard Sign/Signal	68	8.2	64	2	2	19	30	7	3	6	1	0
TYPE 7b: Bicycle Fails to Yield	47	5.7	46	1	2	16	23	3	2	0	0	1
TYPE 8b: Bicycle Turning	54	6.5	52	0	1	12	29	8	2	1	0	1
TYPE Bb: Bicycle Xing or Entering	60	7.3	59	0	5	9	37	5	0	1	1	2
SUBTOTAL GROUP B, Type 5b-Bb	229	27.7	221	3	10	56	119	23	7	8	2	4
TYPE 5m: Motor Veh. Disregard Sign	1	0.1	1	0	0	1	0	0	0	0	0	0
TYPE 6m: Motor Veh. Disregard Signal	0	0.0	0	0	0	0	0	0	0	0	0	0
TYPE 7m: Motor Veh. Fails to Yield	69	8.4	67	2	0	5	18	12	13	16	3	2
TYPE 8m: Motor Veh. Turning	2	0.2	2	0	1	1	0	0	0	0	0	0
SUBTOTAL GROUP B, Type 5m-8m	72	8.7	70	2	1	7	18	12	13	16	3	2
TYPE Bx: Inadequate Information	60	7.3	57	0	1	12	14	10	9	9	2	3
TOTAL GROUP B	361	43.7	348	5	12	75	151	45	29	33	7	9
GROUP C: MOTOR VEHICLE ENTERS/LEAVES ROADWAY @ MIDBLOCK LOCATION												
TYPE 11: Backing from Driveway	3	0.4	3	0	1	1	0	0	1	0	0	0
GROUP D: BICYCLE HIT FROM BEHIND BY MOTOR VEHICLE												
TYPE 13a: M. Veh./Bike Going Straight	46	5.6	44	2	0	3	9	12	5	15	2	0
TYPE 13/14/16/17: Motor Veh. Passing	8	1.0	8	0	0	0	1	1	1	5	0	0
TYPE 15: M. Veh. Following Too Closely	2	0.2	2	0	0	0	1	1	0	0	0	0
TOTAL GROUP D	56	6.8	54	2	0	3	11	14	6	20	2	0
GROUP E: BICYCLE TURNING/SWERVING NOT AT INTERSECTION												
Bicycle Turning/Swerving	78	9.4	71	6	0	9	54	5	3	0	4	3
GROUP F: MOTOR VEHICLE TURNING, BICYCLE NOT												
Motor Vehicle Turning, Bicycle Not	5	0.6	5	0	0	0	2	1	1	1	0	0
GROUP G: OTHER												
TYPE 26: Bicycle Going Wrong Way	145	17.6	142	2	1	19	81	19	12	7	4	2
TYPE 28: Motor Veh. Going Wrong Way	0	0.0	0	0	0	0	0	0	0	0	0	0
TYPE 35: M. Veh. Driveout from Parking	3	0.4	3	0	0	0	0	0	0	2	1	0
TYPE 36: Bike Strike Slow/Stop M. Veh.	41	5.0	37	1	0	7	15	3	5	8	0	3
TYPE 38: Miscellaneous	5	0.6	5	0	0	2	2	1	0	0	0	0
TOTAL GROUP G	194	23.5	187	3	1	28	98	23	17	17	5	5
TOTAL	826	100	790	21	16	148	366	100	70	87	21	18

TABLE 6 WASHINGTON BICYCLE COLLISIONS 1994-1996
CITY STREETS

COLLISION TYPE	#	%	INJ	FAT	<5	5-9	10-15	16-24	25-34	35-54	>54	UNK
GROUP A: BICYCLE ENTERS/LEAVES ROADWAY @ MIDBLOCK LOCATION												
TYPE 1-3: Driveway/Alley	513	15.5	494	2	6	75	128	121	92	66	11	14
TYPE 4: Curb Shoulder	19	0.6	18	0	1	0	1	5	6	6	0	0
TOTAL GROUP A	532	16.1	512	2	7	75	129	126	98	72	11	14
GROUP B: COLLISIONS @ INTERSECTION												
TYPE 5b/6b: Bike Disregard Sign/Signal	233	7.0	221	0	0	46	80	37	35	19	5	11
TYPE 7b: Bicycle Fails to Yield	217	6.6	213	1	5	41	81	38	26	20	2	4
TYPE 8b: Bicycle Turning	92	2.8	87	0	1	12	32	20	16	9	1	1
TYPE Bb: Bicycle Xing or Entering	171	5.2	161	1	7	51	73	18	7	9	0	6
SUBTOTAL GROUP B, Type 5b-Bb	713	21.6	682	2	13	150	266	113	84	57	8	22
TYPE 5m: Motor Veh. Disregard Sign	14	0.4	14	0	0	1	4	3	4	2	0	0
TYPE 6m: Motor Veh. Disregard Signal	26	0.8	26	0	0	1	4	4	8	8	0	1
TYPE 7m: Motor Veh. Fails to Yield	651	19.7	647	0	11	29	139	185	136	111	15	25
TYPE 8m: Motor Veh. Turning	15	0.5	15	0	0	1	3	3	3	4	1	0
SUBTOTAL GROUP B, Type 5m-8m	706	21.3	702	0	11	32	150	195	151	125	16	26
TYPE Bx: Inadequate Information	310	9.4	294	0	2	27	62	73	56	56	8	26
TOTAL GROUP B	1,729	52.3	1,678	2	26	209	478	381	291	238	32	74
GROUP C: MOTOR VEHICLE ENTERS/LEAVES ROADWAY @ MIDBLOCK LOCATION												
TYPE 11: Backing from Driveway	25	0.8	25	0	1	4	9	3	5	3	0	0
GROUP D: BICYCLE HIT FROM BEHIND BY MOTOR VEHICLE												
TYPE 13a: M. Veh./Bike Going Straight	146	4.4	142	1	4	10	23	26	45	31	3	4
TYPE 13/14/16/17: Motor Veh. Passing	13	0.4	13	0	0	0	0	5	5	3	0	0
TYPE 15: M. Veh. Following Too Closely	5	0.2	5	0	0	0	1	3	0	1	0	0
TOTAL GROUP D	164	5.0	160	1	4	10	24	34	50	35	3	4
GROUP E: BICYCLE TURNING/SWERVING NOT AT INTERSECTION												
Bicycle Turning/Swerving	117	3.5	113	0	5	23	45	14	10	12	3	5
GROUP F: MOTOR VEHICLE TURNING, BICYCLE NOT												
Motor Vehicle Turning, Bicycle Not	52	1.6	51	0	0	0	2	19	21	8	0	2
GROUP G: OTHER												
TYPE 26: Bicycle Going Wrong Way	467	14.1	457	1	5	42	161	122	64	53	7	13
TYPE 28: Motor Veh. Going Wrong Way	2	0.1	2	0	0	1	0	0	0	0	1	0
TYPE 35: M. Veh. Driveout from Parking	17	0.5	17	0	0	0	0	7	7	2	0	1
TYPE 36: Bike Strike Slow/Stop M. Veh.	175	5.3	162	0	1	14	65	28	28	22	3	14
TYPE 38: Miscellaneous	27	0.8	24	1	1	4	4	3	5	7	0	3
TOTAL GROUP G	688	20.8	662	2	7	61	230	160	104	84	11	31
TOTAL	3,307	100	3,201	7	50	382	917	737	579	452	60	130

TABLE 7 WASHINGTON BICYCLE COLLISIONS 1994-1996
OTHER ROADS/PATHS/TRAILS

COLLISION TYPE	#	%	INJ	FAT	<5	5-9	10-15	16-24	25-34	35-54	>54	UNK
GROUP A: BICYCLE ENTERS/LEAVES ROADWAY @ MIDBLOCK LOCATION												
TYPE 1-3: Driveway/Alley	10	26.3	10	0	0	1	2	6	1	0	0	0
TYPE 4: Curb Shoulder	0	0.0	0	0	0	0	0	0	0	0	0	0
TOTAL GROUP A	10	26.3	10	0	0	1	2	6	1	0	0	0
GROUP B: COLLISIONS @ INTERSECTION												
TYPE 5b/6b: Bike Disregard Sign/Signal	0	0.0	0	0	0	0	0	0	0	0	0	0
TYPE 7b: Bicycle Fails to Yield	3	7.9	3	0	0	0	0	1	1	1	0	0
TYPE 8b: Bicycle Turning	1	2.6	1	0	0	0	0	0	0	1	0	0
TYPE Bb: Bicycle Xing or Entering	2	5.3	2	0	1	0	0	0	0	1	0	0
SUBTOTAL GROUP B, Type 5b-Bb	6	15.8	6	0	1	0	0	1	1	3	0	0
TYPE 5m: Motor Veh. Disregard Sign	1	2.6	1	0	0	0	0	0	0	0	1	0
TYPE 6m: Motor Veh. Disregard Signal	0	0.0	0	0	0	0	0	0	0	0	0	0
TYPE 7m: Motor Veh. Fails to Yield	5	13.2	5	0	0	0	1	3	1	0	0	0
TYPE 8m: Motor Veh. Turning	1	2.6	1	0	0	0	0	0	0	1	0	0
SUBTOTAL GROUP B, Type 5m-8m	7	18.4	7	0	0	0	1	3	1	1	1	0
TYPE Bx: Inadequate Information	1	2.6	1	0	0	0	0	0	0	0	0	1
TOTAL GROUP B	14	36.8	13	0	1	0	1	4	2	4	1	0
GROUP C: MOTOR VEHICLE ENTERS/LEAVES ROADWAY @ MIDBLOCK LOCATION												
TYPE 11: Backing from Driveway	1	2.6	1	0	0	0	1	0	0	0	0	0
GROUP D: BICYCLE HIT FROM BEHIND BY MOTOR VEHICLE												
TYPE 13a: M. Veh./Bike Going Straight	2	5.3	2	0	0	0	1	1	0	0	0	0
TYPE 13/14/16/17: Motor Veh. Passing	0	0.0	0	0	0	0	0	0	0	0	0	0
TYPE 15: M. Veh. Following Too Closely	0	0.0	0	0	0	0	0	0	0	0	0	0
TOTAL GROUP D	2	5.3	2	0	0	0	1	1	0	0	0	0
GROUP E: BICYCLE TURNING/SWERVING NOT IN INTERSECTION												
Bicycle Turning/Swerving	3	7.9	2	0	1	0	0	2	0	0	0	0
GROUP F: MOTOR VEHICLE TURNING, BICYCLE NOT												
Motor Vehicle Turning, Bicycle Not	0	0.0	0	0	0	0	0	0	0	0	0	0
GROUP G: OTHER												
TYPE 26: Bicycle Going Wrong Way	4	10.5	4	0	0	1	2	0	1	0	0	0
TYPE 28: Motor Veh. Going Wrong Way	0	0.0	0	0	0	0	0	0	0	0	0	0
TYPE 35: M. Veh. Driveout from Parking	0	0.0	0	0	0	0	0	0	0	0	0	0
TYPE 36: Bike Strike Slow/Stop M. Veh.	4	10.5	4	0	0	0	1	2	0	1	0	0
TYPE 38: Miscellaneous	0	0.0	0	0	0	0	0	0	0	0	0	0
TOTAL GROUP G	8	21.1	8	0	0	1	3	2	1	1	0	0
TOTAL	38	100	36	0	2	2	8	15	4	5	1	0

TABLE 8 WASHINGTON BICYCLE COLLISIONS 1994-1996
County Summary (Rate per 10,000 Population per Year)
Percentages based on 4,892 Collisions

County	1995 Population	# of Collisions	Collision Rate	# of Bicyclist Fatalities	Bicyclist Fatality Rate
Adams	15,200	12	2.63	0	0.00
Asotin	19,100	15	2.62	0	0.00
Benton	131,000	74	1.88	0	0.00
Chelan	60,000	46	2.56	0	0.00
Clallam	63,600	42	2.20	0	0.00
Clark	291,000	231	2.65	4	0.05
Columbia	4,200	2	1.59	0	0.00
Cowlitz	89,400	116	4.33	2	0.07
Douglas	29,600	16	1.80	0	0.00
Ferry	7,100	0	0.00	0	0.00
Franklin	44,000	13	0.98	0	0.00
Garfield	2,350	1	1.42	0	0.00
Grant	64,500	47	2.43	1	0.05
Grays Harbor	67,700	66	3.25	1	0.05
Island	68,900	24	1.16	1	0.05
Jefferson	25,100	11	1.46	1	0.13
King	1,613,600	1,914	3.95	5	0.01
Kitsap	220,600	161	2.43	4	0.06
Kittitas	30,100	40	4.43	0	0.00
Klickitat	18,100	11	2.03	0	0.00
Lewis	65,500	53	2.70	1	0.05
Lincoln	9,700	3	1.03	0	0.00
Mason	45,300	23	1.69	3	0.22
Okanogan	36,900	18	1.63	0	0.00
Pacific	20,800	14	2.24	0	0.00
Pend Oreille	10,700	1	0.31	0	0.00
Pierce	660,200	488	2.46	5	0.03
San Juan	12,300	4	1.08	0	0.00
Skagit	93,100	71	2.54	0	0.00
Skamania	9,550	1	0.35	0	0.00
Snohomish	525,600	372	2.36	4	0.03
Spokane	401,200	490	4.07	2	0.02
Stevens	35,400	13	1.22	0	0.00
Thurston	189,200	174	3.07	1	0.02
Wahkiakum	3,700	1	0.90	1	0.90
Walla Walla	52,700	33	2.09	0	0.00
Whatcom	148,300	133	2.99	0	0.00
Whitman	40,500	23	1.89	0	0.00
Yakima	204,100	135	2.20	3	0.05
Total	5,429,900	4,892	3.00	39	0.02

TABLE 9 WASHINGTON BICYCLE COLLISIONS 1994-1996
ADAMS COUNTY - 15,200 Population
2.63 Bicycle Collisions per 10,000 Population per Year

COLLISION TYPE	#	%	Injury	Fatal	Inter-state	High-way	Co Rd	City St	Other
GROUP A: BICYCLE ENTERS/LEAVES ROADWAY @ MIDBLOCK LOCATION									
TYPE 1-3: Driveway/Alley	2	16.7	2	0	0	0	0	2	0
TYPE 4: Curb Shoulder	0	0.0	0	0	0	0	0	0	0
TOTAL GROUP A	2	16.7	2	0	0	0	0	2	0
GROUP B: COLLISIONS @ INTERSECTION									
TYPE 5b/6b: Bike Disregard Sign/Signal	3	25.0	3	0	0	0	0	3	0
TYPE 7b: Bicycle Fails to Yield	1	8.3	1	0	0	0	0	1	0
TYPE 8b: Bicycle Turning	0	0.0	0	0	0	0	0	0	0
TYPE Bb: Bicycle Xing or Entering	0	0.0	0	0	0	0	0	0	0
SUBTOTAL GROUP B, Type 5b-Bb	4	33.3	4	0	0	0	0	4	0
TYPE 5m: Motor Veh. Disregard Sign	0	0.0	0	0	0	0	0	0	0
TYPE 6m: Motor Veh. Disregard Signal	0	0.0	0	0	0	0	0	0	0
TYPE 7m: Motor Veh. Fails to Yield	0	0.0	0	0	0	0	0	0	0
TYPE 8m: Motor Veh. Turning	0	0.0	0	0	0	0	0	0	0
SUBTOTAL GROUP B, Type 5m-8m	0	0.0	0	0	0	0	0	0	0
TYPE Bx: Inadequate Information	2	16.7	2	0	0	0	0	2	0
TOTAL GROUP B	6	50.0	6	0	0	0	0	6	0
GROUP C: MOTOR VEHICLE ENTERS/LEAVES ROADWAY @ MIDBLOCK LOCATION									
TYPE 11: Backing from Driveway	0	0.0	0	0	0	0	0	0	0
GROUP D: BICYCLE HIT FROM BEHIND BY MOTOR VEHICLE									
TYPE 13a: M. Veh./Bike Going Straight	0	0.0	0	0	0	0	0	0	0
TYPE 13/14/16/17: Motor Veh. Passing	0	0.0	0	0	0	0	0	0	0
TYPE 15: M. Veh. Following Too Closely	0	0.0	0	0	0	0	0	0	0
TOTAL GROUP D	0	0.0	0	0	0	0	0	0	0
GROUP E: BICYCLE TURNING/SWERVING NOT AT INTERSECTION									
Bicycle Turning/Swerving	2	16.7	2	0	0	0	1	1	0
GROUP F: MOTOR VEHICLE TURNING, BICYCLE NOT									
Motor Vehicle Turning, Bicycle Not	0	0.0	0	0	0	0	0	0	0
GROUP G: OTHER									
TYPE 26: Bicycle Going Wrong Way	1	8.3	1	0	0	0	0	1	0
TYPE 28: Motor Veh. Going Wrong Way	0	0.0	0	0	0	0	0	0	0
TYPE 35: M. Veh. Driveout from Parking	0	0.0	0	0	0	0	0	0	0
TYPE 36: Bike Strike Slow/Stop M. Veh.	1	8.3	1	0	0	0	0	1	0
TYPE 38: Miscellaneous	0	0.0	0	0	0	0	0	0	0
TOTAL GROUP G	2	16.7	2	0	0	0	0	2	0
COUNTY TOTAL	12	100	12	0	0	0	1	11	0

TABLE 10 WASHINGTON BICYCLE COLLISIONS 1994-1996
ASOTIN COUNTY - 19,100 Population
2.62 Bicycle Collisions per 10,000 Population per Year

COLLISION TYPE	#	%	Injury	Fatal	Inter-state	High-way	Co Rd	City St	Other
GROUP A: BICYCLE ENTERS/LEAVES ROADWAY @ MIDBLOCK LOCATION									
TYPE 1-3: Driveway/Alley	4	26.7	4	0	n/a	0	0	4	0
TYPE 4: Curb Shoulder	0	0.0	0	0	n/a	0	0	0	0
TOTAL GROUP A	4	26.7	4	0	n/a	0	0	4	0
GROUP B: COLLISIONS @ INTERSECTION									
TYPE 5b/6b: Bike Disregard Sign/Signal	1	6.7	1	0	n/a	0	0	1	0
TYPE 7b: Bicycle Fails to Yield	2	13.3	2	0	n/a	2	0	0	0
TYPE 8b: Bicycle Turning	0	0.0	0	0	n/a	0	0	0	0
TYPE Bb: Bicycle Xing or Entering	2	13.3	2	0	n/a	2	0	0	0
SUBTOTAL GROUP B, Type 5b-Bb	5	33.3	5	0	n/a	4	0	1	0
TYPE 5m: Motor Veh. Disregard Sign	0	0.0	0	0	n/a	0	0	0	0
TYPE 6m: Motor Veh. Disregard Signal	0	0.0	0	0	n/a	0	0	0	0
TYPE 7m: Motor Veh. Fails to Yield	1	6.7	1	0	n/a	0	0	1	0
TYPE 8m: Motor Veh. Turning	0	0.0	0	0	n/a	0	0	0	0
SUBTOTAL GROUP B, Type 5m-8m	1	6.7	1	0	n/a	0	0	1	0
TYPE Bx: Inadequate Information	1	6.7	1	0	n/a	1	0	0	0
TOTAL GROUP B	7	46.7	7	0	n/a	5	0	2	0
GROUP C: MOTOR VEHICLE ENTERS/LEAVES ROADWAY @ MIDBLOCK LOCATION									
TYPE 11: Backing from Driveway	0	0.0	0	0	n/a	0	0	0	0
GROUP D: BICYCLE HIT FROM BEHIND BY MOTOR VEHICLE									
TYPE 13a: M. Veh./Bike Going Straight	1	6.7	1	0	n/a	0	0	1	0
TYPE 13/14/16/17: Motor Veh. Passing	0	0.0	0	0	n/a	0	0	0	0
TYPE 15: M. Veh. Following Too Closely	0	0.0	0	0	n/a	0	0	0	0
TOTAL GROUP D	1	6.7	1	0	n/a	0	0	1	0
GROUP E: BICYCLE TURNING/SWERVING NOT AT INTERSECTION									
Bicycle Turning/Swerving	2	13.3	2	0	n/a	0	1	1	0
GROUP F: MOTOR VEHICLE TURNING, BICYCLE NOT									
Motor Vehicle Turning, Bicycle Not	0	0.0	0	0	n/a	0	0	0	0
GROUP G: OTHER									
TYPE 26: Bicycle Going Wrong Way	1	6.7	1	0	n/a	0	0	1	0
TYPE 28: Motor Veh. Going Wrong Way	0	0.0	0	0	n/a	0	0	0	0
TYPE 35: M. Veh. Driveout from Parking	0	0.0	0	0	n/a	0	0	0	0
TYPE 36: Bike Strike Slow/Stop M. Veh.	0	0.0	0	0	n/a	0	0	0	0
TYPE 38: Miscellaneous	0	0.0	0	0	n/a	0	0	0	0
TOTAL GROUP G	1	6.7	1	0	n/a	0	0	1	0
COUNTY TOTAL	15	100	15	0	n/a	5	1	9	0

TABLE 11 WASHINGTON BICYCLE COLLISIONS 1994-1996
BENTON COUNTY - 131,000 Population
1.88 Bicycle Collisions per 10,000 Population per Year

COLLISION TYPE	#	%	Injury	Fatal	Inter-state	High-way	Co Rd	City St	Other
GROUP A: BICYCLE ENTERS/LEAVES ROADWAY @ MIDBLOCK LOCATION									
TYPE 1-3: Driveway/Alley	13	17.6	13	0	0	0	1	12	0
TYPE 4: Curb Shoulder	4	5.4	4	0	0	0	2	2	0
TOTAL GROUP A	17	23.0	17	0	0	0	3	14	0
GROUP B: COLLISIONS @ INTERSECTION									
TYPE 5b/6b: Bike Disregard Sign/Signal	6	8.1	6	0	0	0	0	6	0
TYPE 7b: Bicycle Fails to Yield	6	8.1	6	0	0	0	0	6	0
TYPE 8b: Bicycle Turning	2	2.7	2	0	0	0	0	1	1
TYPE Bb: Bicycle Xing or Entering	8	10.8	8	0	0	0	0	7	1
SUBTOTAL GROUP B, Type 5b-Bb	22	29.7	22	0	0	0	0	20	2
TYPE 5m: Motor Veh. Disregard Sign	0	0.0	0	0	0	0	0	0	0
TYPE 6m: Motor Veh. Disregard Signal	1	1.4	1	0	0	0	0	1	0
TYPE 7m: Motor Veh. Fails to Yield	4	5.4	4	0	0	2	0	2	0
TYPE 8m: Motor Veh. Turning	1	1.4	1	0	0	0	0	1	0
SUBTOTAL GROUP B, Type 5m-8m	6	8.1	6	0	0	2	0	4	0
TYPE Bx: Inadequate Information	6	8.1	6	0	0	0	0	6	0
TOTAL GROUP B	34	45.9	34	0	0	2	0	30	2
GROUP C: MOTOR VEHICLE ENTERS/LEAVES ROADWAY @ MIDBLOCK LOCATION									
TYPE 11: Backing from Driveway	2	2.7	2	0	0	0	0	2	0
GROUP D: BICYCLE HIT FROM BEHIND BY MOTOR VEHICLE									
TYPE 13a: M. Veh./Bike Going Straight	2	2.7	2	0	0	0	0	2	0
TYPE 13/14/16/17: Motor Veh. Passing	1	1.4	1	0	0	0	0	1	0
TYPE 15: M. Veh. Following Too Closely	0	0.0	0	0	0	0	0	0	0
TOTAL GROUP D	3	4.1	3	0	0	0	0	3	0
GROUP E: BICYCLE TURNING/SWERVING NOT AT INTERSECTION									
Bicycle Turning/Swerving	6	8.1	6	0	0	0	1	5	0
GROUP F: MOTOR VEHICLE TURNING, BICYCLE NOT									
Motor Vehicle Turning, Bicycle Not	1	1.4	1	0	0	0	0	1	0
GROUP G: OTHER									
TYPE 26: Bicycle Going Wrong Way	10	13.5	10	0	0	0	0	10	0
TYPE 28: Motor Veh. Going Wrong Way	0	0.0	0	0	0	0	0	0	0
TYPE 35: M. Veh. Driveout from Parking	0	0.0	0	0	0	0	0	0	0
TYPE 36: Bike Strike Slow/Stop M. Veh.	1	1.4	1	0	0	0	1	0	0
TYPE 38: Miscellaneous	0	0.0	0	0	0	0	0	0	0
TOTAL GROUP G	11	14.9	11	0	0	0	1	10	0
COUNTY TOTAL	74	100	74	0	0	2	5	65	2

TABLE 12 WASHINGTON BICYCLE COLLISIONS 1994-1996
CHELAN COUNTY - 60,000 Population
2.56 Bicycle Collisions per 10,000 Population per Year

COLLISION TYPE	#	%	Injury	Fatal	Inter-state	High-way	Co Rd	City St	Other
GROUP A: BICYCLE ENTERS/LEAVES ROADWAY @ MIDBLOCK LOCATION									
TYPE 1-3: Driveway/Alley	8	17.4	8	0	n/a	5	0	3	0
TYPE 4: Curb Shoulder	3	6.5	3	0	n/a	2	1	0	0
TOTAL GROUP A	11	23.9	11	0	n/a	7	1	3	0
GROUP B: COLLISIONS @ INTERSECTION									
TYPE 5b/6b: Bike Disregard Sign/Signal	3	6.5	3	0	n/a	1	0	2	0
TYPE 7b: Bicycle Fails to Yield	3	6.5	3	0	n/a	1	1	1	0
TYPE 8b: Bicycle Turning	3	6.5	2	0	n/a	0	0	3	0
TYPE Bb: Bicycle Xing or Entering	5	10.9	5	0	n/a	0	1	4	0
SUBTOTAL GROUP B, Type 5b-Bb	14	30.4	13	0	n/a	2	2	10	0
TYPE 5m: Motor Veh. Disregard Sign	2	4.3	2	0	n/a	2	0	0	0
TYPE 6m: Motor Veh. Disregard Signal	0	0.0	0	0	n/a	0	0	0	0
TYPE 7m: Motor Veh. Fails to Yield	3	6.5	3	0	n/a	2	0	1	0
TYPE 8m: Motor Veh. Turning	0	0.0	0	0	n/a	0	0	0	0
SUBTOTAL GROUP B, Type 5m-8m	5	10.9	5	0	n/a	4	0	1	0
TYPE Bx: Inadequate Information	3	6.5	3	0	n/a	1	0	2	0
TOTAL GROUP B	22	47.8	21	0	n/a	7	2	13	0
GROUP C: MOTOR VEHICLE ENTERS/LEAVES ROADWAY @ MIDBLOCK LOCATION									
TYPE 11: Backing from Driveway	0	0.0	0	0	n/a	0	0	0	0
GROUP D: BICYCLE HIT FROM BEHIND BY MOTOR VEHICLE									
TYPE 13a: M. Veh./Bike Going Straight	1	2.2	1	0	n/a	0	0	1	0
TYPE 13/14/16/17: Motor Veh. Passing	0	0.0	0	0	n/a	0	0	0	0
TYPE 15: M. Veh. Following Too Closely	0	0.0	0	0	n/a	0	0	0	0
TOTAL GROUP D	1	2.2	1	0	n/a	0	0	1	0
GROUP E: BICYCLE TURNING/SWERVING NOT AT INTERSECTION									
Bicycle Turning/Swerving	2	4.3	2	0	n/a	1	0	1	0
GROUP F: MOTOR VEHICLE TURNING, BICYCLE NOT									
Motor Vehicle Turning, Bicycle Not	0	0.0	0	0	n/a	0	0	0	0
GROUP G: OTHER									
TYPE 26: Bicycle Going Wrong Way	8	17.4	8	0	n/a	1	1	6	0
TYPE 28: Motor Veh. Going Wrong Way	0	0.0	0	0	n/a	0	0	0	0
TYPE 35: M. Veh. Driveout from Parking	0	0.0	0	0	n/a	0	0	0	0
TYPE 36: Bike Strike Slow/Stop M. Veh.	2	4.3	2	0	n/a	2	0	0	0
TYPE 38: Miscellaneous	0	0.0	0	0	n/a	0	0	0	0
TOTAL GROUP G	10	21.7	10	0	n/a	3	1	6	0
COUNTY TOTAL	46	100	45	0	n/a	18	4	24	0

TABLE 13 WASHINGTON BICYCLE COLLISIONS 1994-1996
CLALLAM COUNTY - 63,600 Population
2.20 Bicycle Collisions per 10,000 Population per Year

COLLISION TYPE	#	%	Injury	Fatal	Inter-state	High-way	Co Rd	City St	Other
GROUP A: BICYCLE ENTERS/LEAVES ROADWAY @ MIDBLOCK LOCATION									
TYPE 1-3: Driveway/Alley	7	16.7	7	0	n/a	1	1	5	0
TYPE 4: Curb Shoulder	0	0.0	0	0	n/a	0	0	0	0
TOTAL GROUP A	7	16.7	7	0	n/a	1	1	5	0
GROUP B: COLLISIONS @ INTERSECTION									
TYPE 5b/6b: Bike Disregard Sign/Signal	3	7.1	3	0	n/a	1	0	2	0
TYPE 7b: Bicycle Fails to Yield	4	9.5	3	0	n/a	1	0	3	0
TYPE 8b: Bicycle Turning	4	9.5	4	0	n/a	0	1	3	0
TYPE Bb: Bicycle Xing or Entering	2	4.8	2	0	n/a	2	0	0	0
SUBTOTAL GROUP B, Type 5b-Bb	13	31.0	12	0	n/a	4	1	8	0
TYPE 5m: Motor Veh. Disregard Sign	0	0.0	0	0	n/a	0	0	0	0
TYPE 6m: Motor Veh. Disregard Signal	0	0.0	0	0	n/a	0	0	0	0
TYPE 7m: Motor Veh. Fails to Yield	8	19.0	8	0	n/a	3	0	5	0
TYPE 8m: Motor Veh. Turning	1	2.4	1	0	n/a	0	0	1	0
SUBTOTAL GROUP B, Type 5m-8m	9	21.4	9	0	n/a	3	0	6	0
TYPE Bx: Inadequate Information	3	7.1	3	0	n/a	1	1	1	0
TOTAL GROUP B	25	59.5	24	0	n/a	8	2	15	0
GROUP C: MOTOR VEHICLE ENTERS/LEAVES ROADWAY @ MIDBLOCK LOCATION									
TYPE 11: Backing from Driveway	0	0.0	0	0	n/a	0	0	0	0
GROUP D: BICYCLE HIT FROM BEHIND BY MOTOR VEHICLE									
TYPE 13a: M. Veh./Bike Going Straight	1	2.4	1	0	n/a	0	0	0	1
TYPE 13/14/16/17: Motor Veh. Passing	1	2.4	1	0	n/a	0	0	1	0
TYPE 15: M. Veh. Following Too Closely	0	0.0	0	0	n/a	0	0	0	0
TOTAL GROUP D	2	4.8	2	0	n/a	0	0	1	1
GROUP E: BICYCLE TURNING/SWERVING NOT AT INTERSECTION									
Bicycle Turning/Swerving	0	0.0	0	0	n/a	0	0	0	0
GROUP F: MOTOR VEHICLE TURNING, BICYCLE NOT									
Motor Vehicle Turning, Bicycle Not	0	0.0	0	0	n/a	0	0	0	0
GROUP G: OTHER									
TYPE 26: Bicycle Going Wrong Way	7	16.7	7	0	n/a	2	0	5	0
TYPE 28: Motor Veh. Going Wrong Way	0	0.0	0	0	n/a	0	0	0	0
TYPE 35: M. Veh. Driveout from Parking	0	0.0	0	0	n/a	0	0	0	0
TYPE 36: Bike Strike Slow/Stop M. Veh.	0	0.0	0	0	n/a	0	0	0	0
TYPE 38: Miscellaneous	1	2.4	1	0	n/a	0	0	1	0
TOTAL GROUP G	8	19.0	8	0	n/a	2	0	6	0
COUNTY TOTAL	42	100	41	0	n/a	11	3	27	1

TABLE 14 WASHINGTON BICYCLE COLLISIONS 1994-1996
CLARK COUNTY - 291,000 Population
2.65 Bicycle Collisions per 10,000 Population per Year

COLLISION TYPE	#	%	Injury	Fatal	Inter-state	High-way	Co Rd	City St	Other
GROUP A: BICYCLE ENTERS/LEAVES ROADWAY @ MIDBLOCK LOCATION									
TYPE 1-3: Driveway/Alley	23	10.0	22	1	0	2	11	10	0
TYPE 4: Curb Shoulder	3	1.3	3	0	0	0	1	2	0
TOTAL GROUP A	26	11.3	25	1	0	2	12	12	0
GROUP B: COLLISIONS @ INTERSECTION									
TYPE 5b/6b: Bike Disregard Sign/Signal	19	8.2	18	1	2	1	6	10	0
TYPE 7b: Bicycle Fails to Yield	14	6.1	13	1	3	0	3	8	0
TYPE 8b: Bicycle Turning	11	4.8	11	0	0	1	7	3	0
TYPE Bb: Bicycle Xing or Entering	21	9.1	20	0	1	1	9	10	0
SUBTOTAL GROUP B, Type 5b-Bb	65	28.1	62	2	6	3	25	31	0
TYPE 5m: Motor Veh. Disregard Sign	0	0.0	0	0	0	0	0	0	0
TYPE 6m: Motor Veh. Disregard Signal	2	0.9	2	0	0	0	0	2	0
TYPE 7m: Motor Veh. Fails to Yield	25	10.8	25	0	1	1	9	14	0
TYPE 8m: Motor Veh. Turning	2	0.9	2	0	0	0	1	1	0
SUBTOTAL GROUP B, Type 5m-8m	29	12.6	29	0	1	1	10	17	0
TYPE Bx: Inadequate Information	22	9.5	21	0	0	0	12	10	0
TOTAL GROUP B	116	50.2	112	2	7	4	47	58	0
GROUP C: MOTOR VEHICLE ENTERS/LEAVES ROADWAY @ MIDBLOCK LOCATION									
TYPE 11: Backing from Driveway	2	0.9	2	0	0	0	0	2	0
GROUP D: BICYCLE HIT FROM BEHIND BY MOTOR VEHICLE									
TYPE 13a: M. Veh./Bike Going Straight	8	3.5	8	0	0	1	5	2	0
TYPE 13/14/16/17: Motor Veh. Passing	1	0.4	1	0	0	0	0	1	0
TYPE 15: M. Veh. Following Too Closely	0	0.0	0	0	0	0	0	0	0
TOTAL GROUP D	9	3.9	9	0	0	1	5	3	0
GROUP E: BICYCLE TURNING/SWERVING NOT AT INTERSECTION									
Bicycle Turning/Swerving	12	5.2	11	1	2	0	9	0	1
GROUP F: MOTOR VEHICLE TURNING, BICYCLE NOT									
Motor Vehicle Turning, Bicycle Not	1	0.4	1	0	0	0	0	1	0
GROUP G: OTHER									
TYPE 26: Bicycle Going Wrong Way	48	20.8	47	0	1	3	28	16	0
TYPE 28: Motor Veh. Going Wrong Way	0	0.0	0	0	0	0	0	0	0
TYPE 35: M. Veh. Driveout from Parking	1	0.4	1	0	0	0	0	1	0
TYPE 36: Bike Strike Slow/Stop M. Veh.	13	5.6	12	0	0	0	10	3	0
TYPE 38: Miscellaneous	3	1.3	3	0	0	0	0	3	0
TOTAL GROUP G	65	28.1	63	0	1	3	38	23	0
COUNTY TOTAL	231	100	223	4	10	10	111	99	1

TABLE 15 WASHINGTON BICYCLE COLLISIONS 1994-1996
COLUMBIA COUNTY - 4,200 Population
1.59 Bicycle Collisions per 10,000 Population per Year

COLLISION TYPE	#	%	Injury	Fatal	Inter-state	High-way	Co Rd	City St	Other
GROUP A: BICYCLE ENTERS/LEAVES ROADWAY @ MIDBLOCK LOCATION									
TYPE 1-3: Driveway/Alley	0	0.0	0	0	n/a	0	0	0	0
TYPE 4: Curb Shoulder	0	0.0	0	0	n/a	0	0	0	0
TOTAL GROUP A	0	0.0	0	0	n/a	0	0	0	0
GROUP B: COLLISIONS @ INTERSECTION									
TYPE 5b/6b: Bike Disregard Sign/Signal	0	0.0	0	0	n/a	0	0	0	0
TYPE 7b: Bicycle Fails to Yield	0	0.0	0	0	n/a	0	0	0	0
TYPE 8b: Bicycle Turning	0	0.0	0	0	n/a	0	0	0	0
TYPE Bb: Bicycle Xing or Entering	1	50.0	1	0	n/a	0	0	1	0
SUBTOTAL GROUP B, Type 5b-Bb	1	50.0	1	0	n/a	0	0	1	0
TYPE 5m: Motor Veh. Disregard Sign	0	0.0	0	0	n/a	0	0	0	0
TYPE 6m: Motor Veh. Disregard Signal	0	0.0	0	0	n/a	0	0	0	0
TYPE 7m: Motor Veh. Fails to Yield	0	0.0	0	0	n/a	0	0	0	0
TYPE 8m: Motor Veh. Turning	0	0.0	0	0	n/a	0	0	0	0
SUBTOTAL GROUP B, Type 5m-8m	0	0.0	0	0	n/a	0	0	0	0
TYPE Bx: Inadequate Information	0	0.0	0	0	n/a	0	0	0	0
TOTAL GROUP B	1	50.0	1	0	n/a	0	0	1	0
GROUP C: MOTOR VEHICLE ENTERS/LEAVES ROADWAY @ MIDBLOCK LOCATION									
TYPE 11: Backing from Driveway	0	0.0	0	0	n/a	0	0	0	0
GROUP D: BICYCLE HIT FROM BEHIND BY MOTOR VEHICLE									
TYPE 13a: M. Veh./Bike Going Straight	0	0.0	0	0	n/a	0	0	0	0
TYPE 13/14/16/17: Motor Veh. Passing	0	0.0	0	0	n/a	0	0	0	0
TYPE 15: M. Veh. Following Too Closely	0	0.0	0	0	n/a	0	0	0	0
TOTAL GROUP D	0	0.0	0	0	n/a	0	0	0	0
GROUP E: BICYCLE TURNING/SWERVING NOT AT INTERSECTION									
Bicycle Turning/Swerving	0	0.0	0	0	n/a	0	0	0	0
GROUP F: MOTOR VEHICLE TURNING, BICYCLE NOT									
Motor Vehicle Turning, Bicycle Not	0	0.0	0	0	n/a	0	0	0	0
GROUP G: OTHER									
TYPE 26: Bicycle Going Wrong Way	0	0.0	0	0	n/a	0	0	0	0
TYPE 28: Motor Veh. Going Wrong Way	0	0.0	0	0	n/a	0	0	0	0
TYPE 35: M. Veh. Driveout from Parking	0	0.0	0	0	n/a	0	0	0	0
TYPE 36: Bike Strike Slow/Stop M. Veh.	1	50.0	1	0	n/a	0	0	1	0
TYPE 38: Miscellaneous	0	0.0	0	0	n/a	0	0	0	0
TOTAL GROUP G	1	50.0	1	0	n/a	0	0	1	0
COUNTY TOTAL	2	100	2	0	n/a	0	0	2	0

TABLE 16 WASHINGTON BICYCLE COLLISIONS 1994-1996
COWLITZ COUNTY - 89,400 Population
4.33 Bicycle Collisions per 10,000 Population per Year

COLLISION TYPE	#	%	Injury	Fatal	Inter-state	High-way	Co Rd	City St	Other
GROUP A: BICYCLE ENTERS/LEAVES ROADWAY @ MIDBLOCK LOCATION									
TYPE 1-3: Driveway/Alley	18	15.5	17	1	0	7	1	10	0
TYPE 4: Curb Shoulder	1	0.9	1	0	1	0	0	0	0
TOTAL GROUP A	19	16.4	18	1	1	7	1	10	0
GROUP B: COLLISIONS @ INTERSECTION									
TYPE 5b/6b: Bike Disregard Sign/Signal	8	6.9	8	0	0	3	0	5	0
TYPE 7b: Bicycle Fails to Yield	8	6.9	8	0	0	1	0	7	0
TYPE 8b: Bicycle Turning	6	5.2	4	1	0	1	2	3	0
TYPE Bb: Bicycle Xing or Entering	6	5.2	6	0	0	1	0	5	0
SUBTOTAL GROUP B, Type 5b-Bb	28	24.1	26	1	0	6	2	20	0
TYPE 5m: Motor Veh. Disregard Sign	0	0.0	0	0	0	0	0	0	0
TYPE 6m: Motor Veh. Disregard Signal	1	0.9	1	0	0	1	0	0	0
TYPE 7m: Motor Veh. Fails to Yield	18	15.5	18	0	2	2	0	14	0
TYPE 8m: Motor Veh. Turning	0	0.0	0	0	0	0	0	0	0
SUBTOTAL GROUP B, Type 5m-8m	19	16.4	19	0	2	3	0	14	0
TYPE Bx: Inadequate Information	14	12.1	14	0	0	4	1	9	0
TOTAL GROUP B	61	52.6	59	1	2	13	3	43	0
GROUP C: MOTOR VEHICLE ENTERS/LEAVES ROADWAY @ MIDBLOCK LOCATION									
TYPE 11: Backing from Driveway	1	0.9	1	0	0	0	0	1	0
GROUP D: BICYCLE HIT FROM BEHIND BY MOTOR VEHICLE									
TYPE 13a: M. Veh./Bike Going Straight	0	0.0	0	0	0	0	0	0	0
TYPE 13/14/16/17: Motor Veh. Passing	0	0.0	0	0	0	0	0	0	0
TYPE 15: M. Veh. Following Too Closely	0	0.0	0	0	0	0	0	0	0
TOTAL GROUP D	0	0.0	0	0	0	0	0	0	0
GROUP E: BICYCLE TURNING/SWERVING NOT AT INTERSECTION									
Bicycle Turning/Swerving	6	5.2	6	0	0	0	1	5	0
GROUP F: MOTOR VEHICLE TURNING, BICYCLE NOT									
Motor Vehicle Turning, Bicycle Not	2	1.7	2	0	0	0	0	2	0
GROUP G: OTHER									
TYPE 26: Bicycle Going Wrong Way	20	17.2	19	0	0	8	1	11	0
TYPE 28: Motor Veh. Going Wrong Way	0	0.0	0	0	0	0	0	0	0
TYPE 35: M. Veh. Driveout from Parking	0	0.0	0	0	0	0	0	0	0
TYPE 36: Bike Strike Slow/Stop M. Veh.	6	5.2	6	0	0	0	0	6	0
TYPE 38: Miscellaneous	1	0.9	1	0	0	0	0	1	0
TOTAL GROUP G	27	23.3	26	0	0	8	1	18	0
COUNTY TOTAL	116	100	112	2	3	28	6	79	0

TABLE 17 WASHINGTON BICYCLE COLLISIONS 1994-1996
DOUGLAS COUNTY - 29,600 Population
1.80 Bicycle Collisions per 10,000 Population per Year

COLLISION TYPE	#	%	Injury	Fatal	Inter-state	High-way	Co Rd	City St	Other
GROUP A: BICYCLE ENTERS/LEAVES ROADWAY @ MIDBLOCK LOCATION									
TYPE 1-3: Driveway/Alley	0	0.0	0	0	n/a	0	0	0	0
TYPE 4: Curb Shoulder	2	12.5	2	0	n/a	2	0	0	0
TOTAL GROUP A	2	12.5	2	0	n/a	2	0	0	0
GROUP B: COLLISIONS @ INTERSECTION									
TYPE 5b/6b: Bike Disregard Sign/Signal	2	12.5	2	0	n/a	1	1	0	0
TYPE 7b: Bicycle Fails to Yield	0	0.0	0	0	n/a	0	0	0	0
TYPE 8b: Bicycle Turning	0	0.0	0	0	n/a	0	0	0	0
TYPE Bb: Bicycle Xing or Entering	1	6.3	1	0	n/a	0	0	1	0
SUBTOTAL GROUP B, Type 5b-Bb	3	18.8	3	0	n/a	1	1	1	0
TYPE 5m: Motor Veh. Disregard Sign	0	0.0	0	0	n/a	0	0	0	0
TYPE 6m: Motor Veh. Disregard Signal	1	6.3	1	0	n/a	1	0	0	0
TYPE 7m: Motor Veh. Fails to Yield	4	25.0	4	0	n/a	2	1	1	0
TYPE 8m: Motor Veh. Turning	0	0.0	0	0	n/a	0	0	0	0
SUBTOTAL GROUP B, Type 5m-8m	5	31.3	5	0	n/a	3	1	1	0
TYPE Bx: Inadequate Information	2	12.5	2	0	n/a	1	1	0	0
TOTAL GROUP B	10	62.5	10	0	n/a	5	3	2	0
GROUP C: MOTOR VEHICLE ENTERS/LEAVES ROADWAY @ MIDBLOCK LOCATION									
TYPE 11: Backing from Driveway	0	0.0	0	0	n/a	0	0	0	0
GROUP D: BICYCLE HIT FROM BEHIND BY MOTOR VEHICLE									
TYPE 13a: M. Veh./Bike Going Straight	0	0.0	0	0	n/a	0	0	0	0
TYPE 13/14/16/17: Motor Veh. Passing	0	0.0	0	0	n/a	0	0	0	0
TYPE 15: M. Veh. Following Too Closely	1	6.3	1	0	n/a	0	0	1	0
TOTAL GROUP D	1	6.3	1	0	n/a	0	0	1	0
GROUP E: BICYCLE TURNING/SWERVING NOT AT INTERSECTION									
Bicycle Turning/Swerving	0	0.0	0	0	n/a	0	0	0	0
GROUP F: MOTOR VEHICLE TURNING, BICYCLE NOT									
Motor Vehicle Turning, Bicycle Not	0	0.0	0	0	n/a	0	0	0	0
GROUP G: OTHER									
TYPE 26: Bicycle Going Wrong Way	2	12.5	2	0	n/a	0	1	1	0
TYPE 28: Motor Veh. Going Wrong Way	0	0.0	0	0	n/a	0	0	0	0
TYPE 35: M. Veh. Driveout from Parking	0	0.0	0	0	n/a	0	0	0	0
TYPE 36: Bike Strike Slow/Stop M. Veh.	1	6.3	1	0	n/a	0	0	1	0
TYPE 38: Miscellaneous	0	0.0	0	0	n/a	0	0	0	0
TOTAL GROUP G	3	18.8	3	0	n/a	0	1	2	0
COUNTY TOTAL	16	100	16	0	n/a	7	4	5	0

TABLE 18 WASHINGTON BICYCLE COLLISIONS 1994-1996
FERRY COUNTY - 7,100 Population
0.00 Bicycle Collisions per 10,000 Population per Year

COLLISION TYPE	#	%	Injury	Fatal	Inter-state	High-way	Co Rd	City St	Other
GROUP A: BICYCLE ENTERS/LEAVES ROADWAY @ MIDBLOCK LOCATION									
TYPE 1-3: Driveway/Alley	0	0.0	0	0	n/a	0	0	0	0
TYPE 4: Curb Shoulder	0	0.0	0	0	n/a	0	0	0	0
TOTAL GROUP A	0	0.0	0	0	n/a	0	0	0	0
GROUP B: COLLISIONS @ INTERSECTION									
TYPE 5b/6b: Bike Disregard Sign/Signal	0	0.0	0	0	n/a	0	0	0	0
TYPE 7b: Bicycle Fails to Yield	0	0.0	0	0	n/a	0	0	0	0
TYPE 8b: Bicycle Turning	0	0.0	0	0	n/a	0	0	0	0
TYPE Bb: Bicycle Xing or Entering	0	0.0	0	0	n/a	0	0	0	0
SUBTOTAL GROUP B, Type 5b-Bb	0	0.0	0	0	n/a	0	0	0	0
TYPE 5m: Motor Veh. Disregard Sign	0	0.0	0	0	n/a	0	0	0	0
TYPE 6m: Motor Veh. Disregard Signal	0	0.0	0	0	n/a	0	0	0	0
TYPE 7m: Motor Veh. Fails to Yield	0	0.0	0	0	n/a	0	0	0	0
TYPE 8m: Motor Veh. Turning	0	0.0	0	0	n/a	0	0	0	0
SUBTOTAL GROUP B, Type 5m-8m	0	0.0	0	0	n/a	0	0	0	0
TYPE Bx: Inadequate Information	0	0.0	0	0	n/a	0	0	0	0
TOTAL GROUP B	0	0.0	0	0	n/a	0	0	0	0
GROUP C: MOTOR VEHICLE ENTERS/LEAVES ROADWAY @ MIDBLOCK LOCATION									
TYPE 11: Backing from Driveway	0	0.0	0	0	n/a	0	0	0	0
GROUP D: BICYCLE HIT FROM BEHIND BY MOTOR VEHICLE									
TYPE 13a: M. Veh./Bike Going Straight	0	0.0	0	0	n/a	0	0	0	0
TYPE 13/14/16/17: Motor Veh. Passing	0	0.0	0	0	n/a	0	0	0	0
TYPE 15: M. Veh. Following Too Closely	0	0.0	0	0	n/a	0	0	0	0
TOTAL GROUP D	0	0.0	0	0	n/a	0	0	0	0
GROUP E: BICYCLE TURNING/SWERVING NOT AT INTERSECTION									
Bicycle Turning/Swerving	0	0.0	0	0	n/a	0	0	0	0
GROUP F: MOTOR VEHICLE TURNING, BICYCLE NOT									
Motor Vehicle Turning, Bicycle Not	0	0.0	0	0	n/a	0	0	0	0
GROUP G: OTHER									
TYPE 26: Bicycle Going Wrong Way	0	0.0	0	0	n/a	0	0	0	0
TYPE 28: Motor Veh. Going Wrong Way	0	0.0	0	0	n/a	0	0	0	0
TYPE 35: M. Veh. Driveout from Parking	0	0.0	0	0	n/a	0	0	0	0
TYPE 36: Bike Strike Slow/Stop M. Veh.	0	0.0	0	0	n/a	0	0	0	0
TYPE 38: Miscellaneous	0	0.0	0	0	n/a	0	0	0	0
TOTAL GROUP G	0	0.0	0	0	n/a	0	0	0	0
COUNTY TOTAL	0	0.0	0	0	n/a	0	0	0	0

TABLE 19 WASHINGTON BICYCLE COLLISIONS 1994-1996
FRANKLIN COUNTY - 44,000 Population
0.98 Bicycle Collisions per 10,000 Population per Year

COLLISION TYPE	#	%	Injury	Fatal	Inter-state	High-way	Co Rd	City St	Other
GROUP A: BICYCLE ENTERS/LEAVES ROADWAY @ MIDBLOCK LOCATION									
TYPE 1-3: Driveway/Alley	0	0.0	0	0	0	0	0	0	0
TYPE 4: Curb Shoulder	0	0.0	0	0	0	0	0	0	0
TOTAL GROUP A	0	0.0	0	0	0	0	0	0	0
GROUP B: COLLISIONS @ INTERSECTION									
TYPE 5b/6b: Bike Disregard Sign/Signal	3	23.1	3	0	0	0	0	3	0
TYPE 7b: Bicycle Fails to Yield	2	15.4	2	0	0	0	0	2	0
TYPE 8b: Bicycle Turning	0	0.0	0	0	0	0	0	0	0
TYPE Bb: Bicycle Xing or Entering	0	0.0	0	0	0	0	0	0	0
SUBTOTAL GROUP B, Type 5b-Bb	5	38.5	5	0	0	0	0	5	0
TYPE 5m: Motor Veh. Disregard Sign	0	0.0	0	0	0	0	0	0	0
TYPE 6m: Motor Veh. Disregard Signal	0	0.0	0	0	0	0	0	0	0
TYPE 7m: Motor Veh. Fails to Yield	1	7.7	1	0	0	0	0	1	0
TYPE 8m: Motor Veh. Turning	0	0.0	0	0	0	0	0	0	0
SUBTOTAL GROUP B, Type 5m-8m	1	7.7	1	0	0	0	0	1	0
TYPE Bx: Inadequate Information	1	7.7	1	0	0	0	0	1	0
TOTAL GROUP B	7	53.8	7	0	0	0	0	7	0
GROUP C: MOTOR VEHICLE ENTERS/LEAVES ROADWAY @ MIDBLOCK LOCATION									
TYPE 11: Backing from Driveway	0	0.0	0	0	0	0	0	0	0
GROUP D: BICYCLE HIT FROM BEHIND BY MOTOR VEHICLE									
TYPE 13a: M. Veh./Bike Going Straight	1	7.7	1	0	0	0	1	0	0
TYPE 13/14/16/17: Motor Veh. Passing	0	0.0	0	0	0	0	0	0	0
TYPE 15: M. Veh. Following Too Closely	0	0.0	0	0	0	0	0	0	0
TOTAL GROUP D	1	7.7	1	0	0	0	1	0	0
GROUP E: BICYCLE TURNING/SWERVING NOT AT INTERSECTION									
Bicycle Turning/Swerving	0	0.0	0	0	0	0	0	0	0
GROUP F: MOTOR VEHICLE TURNING, BICYCLE NOT									
Motor Vehicle Turning, Bicycle Not	1	7.7	1	0	0	0	1	0	0
GROUP G: OTHER									
TYPE 26: Bicycle Going Wrong Way	4	30.8	4	0	0	1	1	2	0
TYPE 28: Motor Veh. Going Wrong Way	0	0.0	0	0	0	0	0	0	0
TYPE 35: M. Veh. Driveout from Parking	0	0.0	0	0	0	0	0	0	0
TYPE 36: Bike Strike Slow/Stop M. Veh.	0	0.0	0	0	0	0	0	0	0
TYPE 38: Miscellaneous	0	0.0	0	0	0	0	0	0	0
TOTAL GROUP G	4	30.8	4	0	0	1	1	2	0
COUNTY TOTAL	13	100	13	0	0	1	3	9	0

TABLE 20 WASHINGTON BICYCLE COLLISIONS 1994-1996
GARFIELD COUNTY - 2,350 Population
1.42 Bicycle Collisions per 10,000 Population per Year

COLLISION TYPE	#	%	Injury	Fatal	Inter-state	High-way	Co Rd	City St	Other
GROUP A: BICYCLE ENTERS/LEAVES ROADWAY @ MIDBLOCK LOCATION									
TYPE 1-3: Driveway/Alley	0	0.0	0	0	n/a	0	0	0	0
TYPE 4: Curb Shoulder	0	0.0	0	0	n/a	0	0	0	0
TOTAL GROUP A	0	0.0	0	0	n/a	0	0	0	0
GROUP B: COLLISIONS @ INTERSECTION									
TYPE 5b/6b: Bike Disregard Sign/Signal	0	0.0	0	0	n/a	0	0	0	0
TYPE 7b: Bicycle Fails to Yield	0	0.0	0	0	n/a	0	0	0	0
TYPE 8b: Bicycle Turning	0	0.0	0	0	n/a	0	0	0	0
TYPE Bb: Bicycle Xing or Entering	0	0.0	0	0	n/a	0	0	0	0
SUBTOTAL GROUP B, Type 5b-Bb	0	0.0	0	0	n/a	0	0	0	0
TYPE 5m: Motor Veh. Disregard Sign	0	0.0	0	0	n/a	0	0	0	0
TYPE 6m: Motor Veh. Disregard Signal	0	0.0	0	0	n/a	0	0	0	0
TYPE 7m: Motor Veh. Fails to Yield	1	100.0	1	0	n/a	0	0	1	0
TYPE 8m: Motor Veh. Turning	0	0.0	0	0	n/a	0	0	0	0
SUBTOTAL GROUP B, Type 5m-8m	1	100.0	1	0	n/a	0	0	1	0
TYPE Bx: Inadequate Information	0	0.0	0	0	n/a	0	0	0	0
TOTAL GROUP B	1	100.0	1	0	n/a	0	0	1	0
GROUP C: MOTOR VEHICLE ENTERS/LEAVES ROADWAY @ MIDBLOCK LOCATION									
TYPE 11: Backing from Driveway	0	0.0	0	0	n/a	0	0	0	0
GROUP D: BICYCLE HIT FROM BEHIND BY MOTOR VEHICLE									
TYPE 13a: M. Veh./Bike Going Straight	0	0.0	0	0	n/a	0	0	0	0
TYPE 13/14/16/17: Motor Veh. Passing	0	0.0	0	0	n/a	0	0	0	0
TYPE 15: M. Veh. Following Too Closely	0	0.0	0	0	n/a	0	0	0	0
TOTAL GROUP D	0	0.0	0	0	n/a	0	0	0	0
GROUP E: BICYCLE TURNING/SWERVING NOT AT INTERSECTION									
Bicycle Turning/Swerving	0	0.0	0	0	n/a	0	0	0	0
GROUP F: MOTOR VEHICLE TURNING, BICYCLE NOT									
Motor Vehicle Turning, Bicycle Not	0	0.0	0	0	n/a	0	0	0	0
GROUP G: OTHER									
TYPE 26: Bicycle Going Wrong Way	0	0.0	0	0	n/a	0	0	0	0
TYPE 28: Motor Veh. Going Wrong Way	0	0.0	0	0	n/a	0	0	0	0
TYPE 35: M. Veh. Driveout from Parking	0	0.0	0	0	n/a	0	0	0	0
TYPE 36: Bike Strike Slow/Stop M. Veh.	0	0.0	0	0	n/a	0	0	0	0
TYPE 38: Miscellaneous	0	0.0	0	0	n/a	0	0	0	0
TOTAL GROUP G	0	0.0	0	0	n/a	0	0	0	0
COUNTY TOTAL	1	100	1	0	n/a	0	0	1	0

TABLE 21 WASHINGTON BICYCLE COLLISIONS 1994-1996
GRANT COUNTY - 64,500 Population
2.43 Bicycle Collisions per 10,000 Population per Year

COLLISION TYPE	#	%	Injury	Fatal	Inter-state	High-way	Co Rd	City St	Other
GROUP A: BICYCLE ENTERS/LEAVES ROADWAY @ MIDBLOCK LOCATION									
TYPE 1-3: Driveway/Alley	9	19.1	7	1	0	1	1	7	0
TYPE 4: Curb Shoulder	0	0.0	0	0	0	0	0	0	0
TOTAL GROUP A	9	19.1	7	1	0	1	1	7	0
GROUP B: COLLISIONS @ INTERSECTION									
TYPE 5b/6b: Bike Disregard Sign/Signal	1	2.1	1	0	0	1	0	0	0
TYPE 7b: Bicycle Fails to Yield	4	8.5	4	0	0	1	1	2	0
TYPE 8b: Bicycle Turning	1	2.1	1	0	0	0	0	1	0
TYPE Bb: Bicycle Xing or Entering	2	4.3	2	0	0	0	0	2	0
SUBTOTAL GROUP B, Type 5b-Bb	8	17.0	8	0	0	2	1	5	0
TYPE 5m: Motor Veh. Disregard Sign	0	0.0	0	0	0	0	0	0	0
TYPE 6m: Motor Veh. Disregard Signal	0	0.0	0	0	0	0	0	0	0
TYPE 7m: Motor Veh. Fails to Yield	6	12.8	6	0	0	0	1	5	0
TYPE 8m: Motor Veh. Turning	1	2.1	1	0	0	0	0	0	1
SUBTOTAL GROUP B, Type 5m-8m	7	14.9	7	0	0	0	1	5	1
TYPE Bx: Inadequate Information	4	8.5	3	0	0	2	0	2	0
TOTAL GROUP B	19	40.4	18	0	0	4	2	12	1
GROUP C: MOTOR VEHICLE ENTERS/LEAVES ROADWAY @ MIDBLOCK LOCATION									
TYPE 11: Backing from Driveway	1	2.1	1	0	0	0	0	1	0
GROUP D: BICYCLE HIT FROM BEHIND BY MOTOR VEHICLE									
TYPE 13a: M. Veh./Bike Going Straight	0	0.0	0	0	0	0	0	0	0
TYPE 13/14/16/17: Motor Veh. Passing	0	0.0	0	0	0	0	0	0	0
TYPE 15: M. Veh. Following Too Closely	0	0.0	0	0	0	0	0	0	0
TOTAL GROUP D	0	0.0	0	0	0	0	0	0	0
GROUP E: BICYCLE TURNING/SWERVING NOT AT INTERSECTION									
Bicycle Turning/Swerving	6	12.8	6	0	0	0	3	3	0
GROUP F: MOTOR VEHICLE TURNING, BICYCLE NOT									
Motor Vehicle Turning, Bicycle Not	0	0.0	0	0	0	0	0	0	0
GROUP G: OTHER									
TYPE 26: Bicycle Going Wrong Way	9	19.1	9	0	0	1	4	3	1
TYPE 28: Motor Veh. Going Wrong Way	0	0.0	0	0	0	0	0	0	0
TYPE 35: M. Veh. Driveout from Parking	0	0.0	0	0	0	0	0	0	0
TYPE 36: Bike Strike Slow/Stop M. Veh.	3	6.4	3	0	0	0	1	2	0
TYPE 38: Miscellaneous	0	0.0	0	0	0	0	0	0	0
TOTAL GROUP G	12	25.5	12	0	0	1	5	5	1
COUNTY TOTAL	47	100	44	1	0	6	11	28	2

TABLE 22 WASHINGTON BICYCLE COLLISIONS 1994-1996
GRAYS HARBOR COUNTY - 67,700 Population
3.25 Bicycle Collisions per 10,000 Population per Year

COLLISION TYPE	#	%	Injury	Fatal	Inter-state	High-way	Co Rd	City St	Other
GROUP A: BICYCLE ENTERS/LEAVES ROADWAY @ MIDBLOCK LOCATION									
TYPE 1-3: Driveway/Alley	7	10.6	7	0	n/a	3	0	3	1
TYPE 4: Curb Shoulder	1	1.5	1	0	n/a	0	0	1	0
TOTAL GROUP A	8	12.1	8	0	n/a	3	0	4	1
GROUP B: COLLISIONS @ INTERSECTION									
TYPE 5b/6b: Bike Disregard Sign/Signal	8	12.1	7	1	n/a	2	0	6	0
TYPE 7b: Bicycle Fails to Yield	9	13.6	9	0	n/a	2	1	6	0
TYPE 8b: Bicycle Turning	1	1.5	1	0	n/a	1	0	0	0
TYPE Bb: Bicycle Xing or Entering	6	9.1	6	0	n/a	2	1	3	0
SUBTOTAL GROUP B, Type 5b-Bb	24	36.4	23	1	n/a	7	2	15	0
TYPE 5m: Motor Veh. Disregard Sign	0	0.0	0	0	n/a	0	0	0	0
TYPE 6m: Motor Veh. Disregard Signal	0	0.0	0	0	n/a	0	0	0	0
TYPE 7m: Motor Veh. Fails to Yield	14	21.2	14	0	n/a	8	0	6	0
TYPE 8m: Motor Veh. Turning	0	0.0	0	0	n/a	0	0	0	0
SUBTOTAL GROUP B, Type 5m-8m	14	21.2	14	0	n/a	8	0	6	0
TYPE Bx: Inadequate Information	2	3.0	2	0	n/a	1	0	1	0
TOTAL GROUP B	40	60.6	39	1	n/a	16	2	22	0
GROUP C: MOTOR VEHICLE ENTERS/LEAVES ROADWAY @ MIDBLOCK LOCATION									
TYPE 11: Backing from Driveway	0	0.0	0	0	n/a	0	0	0	0
GROUP D: BICYCLE HIT FROM BEHIND BY MOTOR VEHICLE									
TYPE 13a: M. Veh./Bike Going Straight	1	1.5	1	0	n/a	0	0	1	0
TYPE 13/14/16/17: Motor Veh. Passing	0	0.0	0	0	n/a	0	0	0	0
TYPE 15: M. Veh. Following Too Closely	0	0.0	0	0	n/a	0	0	0	0
TOTAL GROUP D	1	1.5	1	0	n/a	0	0	1	0
GROUP E: BICYCLE TURNING/SWERVING NOT AT INTERSECTION									
Bicycle Turning/Swerving	9	13.6	8	0	n/a	1	4	3	1
GROUP F: MOTOR VEHICLE TURNING, BICYCLE NOT									
Motor Vehicle Turning, Bicycle Not	0	0.0	0	0	n/a	0	0	0	0
GROUP G: OTHER									
TYPE 26: Bicycle Going Wrong Way	3	4.5	3	0	n/a	1	0	2	0
TYPE 28: Motor Veh. Going Wrong Way	0	0.0	0	0	n/a	0	0	0	0
TYPE 35: M. Veh. Driveout from Parking	0	0.0	0	0	n/a	0	0	0	0
TYPE 36: Bike Strike Slow/Stop M. Veh.	4	6.1	4	0	n/a	1	1	2	0
TYPE 38: Miscellaneous	1	1.5	1	0	n/a	0	0	1	0
TOTAL GROUP G	8	12.1	8	0	n/a	2	1	5	0
COUNTY TOTAL	66	100	64	1	n/a	22	7	35	2

TABLE 23 WASHINGTON BICYCLE COLLISIONS 1994-1996
ISLAND COUNTY - 68,900 Population
1.16 Bicycle Collisions per 10,000 Population per Year

COLLISION TYPE	#	%	Injury	Fatal	Inter-state	High-way	Co Rd	City St	Other
GROUP A: BICYCLE ENTERS/LEAVES ROADWAY @ MIDBLOCK LOCATION									
TYPE 1-3: Driveway/Alley	4	16.7	4	0	n/a	2	0	2	0
TYPE 4: Curb Shoulder	0	0.0	0	0	n/a	0	0	0	0
TOTAL GROUP A	4	16.7	4	0	n/a	2	0	2	0
GROUP B: COLLISIONS @ INTERSECTION									
TYPE 5b/6b: Bike Disregard Sign/Signal	2	8.3	2	0	n/a	0	2	0	0
TYPE 7b: Bicycle Fails to Yield	1	4.2	1	0	n/a	1	0	0	0
TYPE 8b: Bicycle Turning	1	4.2	0	0	n/a	0	1	0	0
TYPE Bb: Bicycle Xing or Entering	1	4.2	1	0	n/a	0	1	0	0
SUBTOTAL GROUP B, Type 5b-Bb	5	20.8	4	0	n/a	1	4	0	0
TYPE 5m: Motor Veh. Disregard Sign	0	0.0	0	0	n/a	0	0	0	0
TYPE 6m: Motor Veh. Disregard Signal	1	4.2	1	0	n/a	1	0	0	0
TYPE 7m: Motor Veh. Fails to Yield	4	16.7	4	0	n/a	3	0	1	0
TYPE 8m: Motor Veh. Turning	0	0.0	0	0	n/a	0	0	0	0
SUBTOTAL GROUP B, Type 5m-8m	5	20.8	5	0	n/a	4	0	1	0
TYPE Bx: Inadequate Information	2	8.3	2	0	n/a	1	1	0	0
TOTAL GROUP B	12	50.0	11	0	n/a	6	5	1	0
GROUP C: MOTOR VEHICLE ENTERS/LEAVES ROADWAY @ MIDBLOCK LOCATION									
TYPE 11: Backing from Driveway	0	0.0	0	0	n/a	0	0	0	0
GROUP D: BICYCLE HIT FROM BEHIND BY MOTOR VEHICLE									
TYPE 13a: M. Veh./Bike Going Straight	0	0.0	0	0	n/a	0	0	0	0
TYPE 13/14/16/17: Motor Veh. Passing	1	4.2	1	0	n/a	1	0	0	0
TYPE 15: M. Veh. Following Too Closely	0	0.0	0	0	n/a	0	0	0	0
TOTAL GROUP D	1	4.2	1	0	n/a	1	0	0	0
GROUP E: BICYCLE TURNING/SWERVING NOT AT INTERSECTION									
Bicycle Turning/Swerving	1	4.2	1	0	n/a	0	0	1	0
GROUP F: MOTOR VEHICLE TURNING, BICYCLE NOT									
Motor Vehicle Turning, Bicycle Not	0	0.0	0	0	n/a	0	0	0	0
GROUP G: OTHER									
TYPE 26: Bicycle Going Wrong Way	5	20.8	4	1	n/a	0	4	1	0
TYPE 28: Motor Veh. Going Wrong Way	0	0.0	0	0	n/a	0	0	0	0
TYPE 35: M. Veh. Driveout from Parking	0	0.0	0	0	n/a	0	0	0	0
TYPE 36: Bike Strike Slow/Stop M. Veh.	1	4.2	1	0	n/a	0	0	1	0
TYPE 38: Miscellaneous	0	0.0	0	0	n/a	0	0	0	0
TOTAL GROUP G	6	25.0	5	1	n/a	0	4	2	0
COUNTY TOTAL	24	100	22	1	n/a	9	9	6	0

TABLE 24 WASHINGTON BICYCLE COLLISIONS 1994-1996
JEFFERSON COUNTY - 25,100 Population
1.46 Bicycle Collisions per 10,000 Population per Year

COLLISION TYPE	#	%	Injury	Fatal	Inter-state	High-way	Co Rd	City St	Other
GROUP A: BICYCLE ENTERS/LEAVES ROADWAY @ MIDBLOCK LOCATION									
TYPE 1-3: Driveway/Alley	2	18.2	2	0	n/a	0	0	2	0
TYPE 4: Curb Shoulder	0	0.0	0	0	n/a	0	0	0	0
TOTAL GROUP A	2	18.2	2	0	n/a	0	0	2	0
GROUP B: COLLISIONS @ INTERSECTION									
TYPE 5b/6b: Bike Disregard Sign/Signal	0	0.0	0	0	n/a	0	0	0	0
TYPE 7b: Bicycle Fails to Yield	1	9.1	1	0	n/a	1	0	0	0
TYPE 8b: Bicycle Turning	1	9.1	1	0	n/a	0	0	1	0
TYPE Bb: Bicycle Xing or Entering	0	0.0	0	0	n/a	0	0	0	0
SUBTOTAL GROUP B, Type 5b-Bb	2	18.2	2	0	n/a	1	0	1	0
TYPE 5m: Motor Veh. Disregard Sign	0	0.0	0	0	n/a	0	0	0	0
TYPE 6m: Motor Veh. Disregard Signal	0	0.0	0	0	n/a	0	0	0	0
TYPE 7m: Motor Veh. Fails to Yield	3	27.3	2	1	n/a	0	1	2	0
TYPE 8m: Motor Veh. Turning	0	0.0	0	0	n/a	0	0	0	0
SUBTOTAL GROUP B, Type 5m-8m	3	27.3	2	1	n/a	0	1	2	0
TYPE Bx: Inadequate Information	0	0.0	0	0	n/a	0	0	0	0
TOTAL GROUP B	5	45.5	4	1	n/a	1	1	3	0
GROUP C: MOTOR VEHICLE ENTERS/LEAVES ROADWAY @ MIDBLOCK LOCATION									
TYPE 11: Backing from Driveway	0	0.0	0	0	n/a	0	0	0	0
GROUP D: BICYCLE HIT FROM BEHIND BY MOTOR VEHICLE									
TYPE 13a: M. Veh./Bike Going Straight	1	9.1	1	0	n/a	0	0	1	0
TYPE 13/14/16/17: Motor Veh. Passing	0	0.0	0	0	n/a	0	0	0	0
TYPE 15: M. Veh. Following Too Closely	0	0.0	0	0	n/a	0	0	0	0
TOTAL GROUP D	1	9.1	1	0	n/a	0	0	1	0
GROUP E: BICYCLE TURNING/SWERVING NOT AT INTERSECTION									
Bicycle Turning/Swerving	1	9.1	1	0	n/a	1	0	0	0
GROUP F: MOTOR VEHICLE TURNING, BICYCLE NOT									
Motor Vehicle Turning, Bicycle Not	0	0.0	0	0	n/a	0	0	0	0
GROUP G: OTHER									
TYPE 26: Bicycle Going Wrong Way	2	18.2	2	0	n/a	0	2	0	0
TYPE 28: Motor Veh. Going Wrong Way	0	0.0	0	0	n/a	0	0	0	0
TYPE 35: M. Veh. Driveout from Parking	0	0.0	0	0	n/a	0	0	0	0
TYPE 36: Bike Strike Slow/Stop M. Veh.	0	0.0	0	0	n/a	0	0	0	0
TYPE 38: Miscellaneous	0	0.0	0	0	n/a	0	0	0	0
TOTAL GROUP G	2	18.2	2	0	n/a	0	2	0	0
COUNTY TOTAL	11	100	10	1	n/a	2	3	6	0

TABLE 25 WASHINGTON BICYCLE COLLISIONS 1994-1996
KING COUNTY - 1,613,600 Population
3.95 Bicycle Collisions per 10,000 Population per Year

COLLISION TYPE	#	%	Injury	Fatal	Inter-state	High-way	Co Rd	City St	Other
GROUP A: BICYCLE ENTERS/LEAVES ROADWAY @ MIDBLOCK LOCATION									
TYPE 1-3: Driveway/Alley	312	16.3	301	0	0	36	32	239	5
TYPE 4: Curb Shoulder	15	0.8	15	0	0	2	5	8	0
TOTAL GROUP A	327	17.1	316	0	0	38	37	247	5
GROUP B: COLLISIONS @ INTERSECTION									
TYPE 5b/6b: Bike Disregard Sign/Signal	107	5.6	102	0	0	11	17	79	0
TYPE 7b: Bicycle Fails to Yield	111	5.8	109	0	0	13	17	79	2
TYPE 8b: Bicycle Turning	58	3.0	55	0	0	8	18	32	0
TYPE Bb: Bicycle Xing or Entering	78	4.1	75	0	0	7	15	56	0
SUBTOTAL GROUP B, Type 5b-Bb	354	18.5	341	0	0	39	67	246	2
TYPE 5m: Motor Veh. Disregard Sign	8	0.4	8	0	0	0	0	8	0
TYPE 6m: Motor Veh. Disregard Signal	19	1.0	19	0	0	0	0	19	0
TYPE 7m: Motor Veh. Fails to Yield	423	22.1	420	1	2	37	18	362	4
TYPE 8m: Motor Veh. Turning	7	0.4	6	0	0	2	0	5	0
SUBTOTAL GROUP B, Type 5m-8m	457	23.9	453	1	2	39	18	394	4
TYPE Bx: Inadequate Information	197	10.3	186	0	1	28	16	152	0
TOTAL GROUP B	1,008	52.7	980	1	3	106	101	792	6
GROUP C: MOTOR VEHICLE ENTERS/LEAVES ROADWAY @ MIDBLOCK LOCATION									
TYPE 11: Backing from Driveway	10	0.5	10	0	0	0	0	10	0
GROUP D: BICYCLE HIT FROM BEHIND BY MOTOR VEHICLE									
TYPE 13a: M. Veh./Bike Going Straight	101	5.3	96	1	0	8	12	81	0
TYPE 13/14/16/17: Motor Veh. Passing	8	0.4	8	0	0	0	2	6	0
TYPE 15: M. Veh. Following Too Closely	3	0.2	3	0	0	0	1	2	0
TOTAL GROUP D	112	5.9	107	1	0	8	15	89	0
GROUP E: BICYCLE TURNING/SWERVING NOT AT INTERSECTION									
Bicycle Turning/Swerving	41	2.1	40	0	0	3	7	30	1
GROUP F: MOTOR VEHICLE TURNING, BICYCLE NOT									
Motor Vehicle Turning, Bicycle Not	37	1.9	37	0	0	1	1	35	0
GROUP G: OTHER									
TYPE 26: Bicycle Going Wrong Way	252	13.2	245	1	1	46	37	166	2
TYPE 28: Motor Veh. Going Wrong Way	1	0.1	1	0	0	0	0	1	0
TYPE 35: M. Veh. Driveout from Parking	14	0.7	14	0	0	1	1	12	0
TYPE 36: Bike Strike Slow/Stop M. Veh.	102	5.3	94	1	0	8	8	84	2
TYPE 38: Miscellaneous	10	0.5	7	1	0	1	1	8	0
TOTAL GROUP G	379	19.8	361	3	1	56	47	271	4
COUNTY TOTAL	1,914	100	1,851	5	4	212	208	1,474	16

TABLE 26 WASHINGTON BICYCLE COLLISIONS 1994-1996
KITSAP COUNTY - 220,600 Population
2.43 Bicycle Collisions per 10,000 Population per Year

COLLISION TYPE	#	%	Injury	Fatal	Inter-state	High-way	Co Rd	City St	Other
GROUP A: BICYCLE ENTERS/LEAVES ROADWAY @ MIDBLOCK LOCATION									
TYPE 1-3: Driveway/Alley	34	21.1	32	1	n/a	9	10	15	0
TYPE 4: Curb Shoulder	2	1.2	2	0	n/a	1	1	0	0
TOTAL GROUP A	36	22.4	34	1	n/a	10	11	15	0
GROUP B: COLLISIONS @ INTERSECTION									
TYPE 5b/6b: Bike Disregard Sign/Signal	13	8.1	13	0	n/a	1	6	6	0
TYPE 7b: Bicycle Fails to Yield	13	8.1	13	0	n/a	5	3	5	0
TYPE 8b: Bicycle Turning	3	1.9	3	0	n/a	1	0	2	0
TYPE Bb: Bicycle Xing or Entering	16	9.9	16	0	n/a	3	8	4	1
SUBTOTAL GROUP B, Type 5b-Bb	45	28.0	45	0	n/a	10	17	17	1
TYPE 5m: Motor Veh. Disregard Sign	1	0.6	1	0	n/a	0	0	1	0
TYPE 6m: Motor Veh. Disregard Signal	1	0.6	1	0	n/a	0	0	1	0
TYPE 7m: Motor Veh. Fails to Yield	14	8.7	14	0	n/a	4	3	7	0
TYPE 8m: Motor Veh. Turning	0	0.0	0	0	n/a	0	0	0	0
SUBTOTAL GROUP B, Type 5m-8m	16	9.9	16	0	n/a	4	3	9	0
TYPE Bx: Inadequate Information	10	6.2	10	0	n/a	4	1	5	0
TOTAL GROUP B	71	44.1	71	0	n/a	18	21	31	1
GROUP C: MOTOR VEHICLE ENTERS/LEAVES ROADWAY @ MIDBLOCK LOCATION									
TYPE 11: Backing from Driveway	2	1.2	2	0	n/a	0	1	1	0
GROUP D: BICYCLE HIT FROM BEHIND BY MOTOR VEHICLE									
TYPE 13a: M. Veh./Bike Going Straight	6	3.7	6	0	n/a	0	3	3	0
TYPE 13/14/16/17: Motor Veh. Passing	1	0.6	1	0	n/a	0	1	0	0
TYPE 15: M. Veh. Following Too Closely	0	0.0	0	0	n/a	0	0	0	0
TOTAL GROUP D	7	4.3	7	0	n/a	0	4	3	0
GROUP E: BICYCLE TURNING/SWERVING NOT AT INTERSECTION									
Bicycle Turning/Swerving	14	8.7	11	3	n/a	5	6	3	0
GROUP F: MOTOR VEHICLE TURNING, BICYCLE NOT									
Motor Vehicle Turning, Bicycle Not	1	0.6	1	0	n/a	0	0	1	0
GROUP G: OTHER									
TYPE 26: Bicycle Going Wrong Way	22	13.7	21	0	n/a	4	8	10	0
TYPE 28: Motor Veh. Going Wrong Way	0	0.0	0	0	n/a	0	0	0	0
TYPE 35: M. Veh. Driveout from Parking	1	0.6	1	0	n/a	0	0	1	0
TYPE 36: Bike Strike Slow/Stop M. Veh.	6	3.7	5	0	n/a	0	3	3	0
TYPE 38: Miscellaneous	1	0.6	1	0	n/a	0	0	1	0
TOTAL GROUP G	30	18.6	28	0	n/a	4	11	15	0
COUNTY TOTAL	161	100	154	4	n/a	37	54	69	1

TABLE 27 WASHINGTON BICYCLE COLLISIONS 1994-1996
KITTITAS COUNTY - 30,100 Population
4.43 Bicycle Collisions per 10,000 Population per Year

COLLISION TYPE	#	%	Injury	Fatal	Inter-state	High-way	Co Rd	City St	Other
GROUP A: BICYCLE ENTERS/LEAVES ROADWAY @ MIDBLOCK LOCATION									
TYPE 1-3: Driveway/Alley	6	15.0	6	0	0	0	0	5	1
TYPE 4: Curb Shoulder	0	0.0	0	0	0	0	0	0	0
TOTAL GROUP A	6	15.0	6	0	0	0	0	5	1
GROUP B: COLLISIONS @ INTERSECTION									
TYPE 5b/6b: Bike Disregard Sign/Signal	6	15.0	6	0	0	0	0	6	0
TYPE 7b: Bicycle Fails to Yield	3	7.5	3	0	0	0	0	3	0
TYPE 8b: Bicycle Turning	0	0.0	0	0	0	0	0	0	0
TYPE Bb: Bicycle Xing or Entering	2	5.0	2	0	0	1	0	1	0
SUBTOTAL GROUP B, Type 5b-Bb	11	27.5	11	0	0	1	0	10	0
TYPE 5m: Motor Veh. Disregard Sign	0	0.0	0	0	0	0	0	0	0
TYPE 6m: Motor Veh. Disregard Signal	0	0.0	0	0	0	0	0	0	0
TYPE 7m: Motor Veh. Fails to Yield	10	25.0	10	0	0	0	1	9	0
TYPE 8m: Motor Veh. Turning	0	0.0	0	0	0	0	0	0	0
SUBTOTAL GROUP B, Type 5m-8m	10	25.0	10	0	0	0	1	9	0
TYPE Bx: Inadequate Information	3	7.5	3	0	0	0	0	3	0
TOTAL GROUP B	24	60.0	24	0	0	1	1	22	0
GROUP C: MOTOR VEHICLE ENTERS/LEAVES ROADWAY @ MIDBLOCK LOCATION									
TYPE 11: Backing from Driveway	0	0.0	0	0	0	0	0	0	0
GROUP D: BICYCLE HIT FROM BEHIND BY MOTOR VEHICLE									
TYPE 13a: M. Veh./Bike Going Straight	0	0.0	0	0	0	0	0	0	0
TYPE 13/14/16/17: Motor Veh. Passing	0	0.0	0	0	0	0	0	0	0
TYPE 15: M. Veh. Following Too Closely	0	0.0	0	0	0	0	0	0	0
TOTAL GROUP D	0	0.0	0	0	0	0	0	0	0
GROUP E: BICYCLE TURNING/SWERVING NOT AT INTERSECTION									
Bicycle Turning/Swerving	2	5.0	2	0	0	1	0	1	0
GROUP F: MOTOR VEHICLE TURNING, BICYCLE NOT									
Motor Vehicle Turning, Bicycle Not	0	0.0	0	0	0	0	0	0	0
GROUP G: OTHER									
TYPE 26: Bicycle Going Wrong Way	6	15.0	6	0	0	1	0	5	0
TYPE 28: Motor Veh. Going Wrong Way	0	0.0	0	0	0	0	0	0	0
TYPE 35: M. Veh. Driveout from Parking	1	2.5	1	0	0	0	1	0	0
TYPE 36: Bike Strike Slow/Stop M. Veh.	1	2.5	1	0	0	1	0	0	0
TYPE 38: Miscellaneous	0	0.0	0	0	0	0	0	0	0
TOTAL GROUP G	8	20.0	8	0	0	2	1	5	0
COUNTY TOTAL	40	100	40	0	0	4	2	33	1

TABLE 28 WASHINGTON BICYCLE COLLISIONS 1994-1996
KLICKITAT COUNTY - 18,100 Population
2.03 Bicycle Collisions per 10,000 Population per Year

COLLISION TYPE	#	%	Injury	Fatal	Inter-state	High-way	Co Rd	City St	Other
GROUP A: BICYCLE ENTERS/LEAVES ROADWAY @ MIDBLOCK LOCATION									
TYPE 1-3: Driveway/Alley	3	27.3	3	0	n/a	0	0	3	0
TYPE 4: Curb Shoulder	0	0.0	0	0	n/a	0	0	0	0
TOTAL GROUP A	3	27.3	3	0	n/a	0	0	3	0
GROUP B: COLLISIONS @ INTERSECTION									
TYPE 5b/6b: Bike Disregard Sign/Signal	3	27.3	3	0	n/a	0	0	3	0
TYPE 7b: Bicycle Fails to Yield	0	0.0	0	0	n/a	0	0	0	0
TYPE 8b: Bicycle Turning	0	0.0	0	0	n/a	0	0	0	0
TYPE Bb: Bicycle Xing or Entering	1	9.1	1	0	n/a	1	0	0	0
SUBTOTAL GROUP B, Type 5b-Bb	4	36.4	4	0	n/a	1	0	3	0
TYPE 5m: Motor Veh. Disregard Sign	0	0.0	0	0	n/a	0	0	0	0
TYPE 6m: Motor Veh. Disregard Signal	0	0.0	0	0	n/a	0	0	0	0
TYPE 7m: Motor Veh. Fails to Yield	0	0.0	0	0	n/a	0	0	0	0
TYPE 8m: Motor Veh. Turning	0	0.0	0	0	n/a	0	0	0	0
SUBTOTAL GROUP B, Type 5m-8m	0	0.0	0	0	n/a	0	0	0	0
TYPE Bx: Inadequate Information	1	9.1	1	0	n/a	0	1	0	0
TOTAL GROUP B	5	45.5	5	0	n/a	1	1	3	0
GROUP C: MOTOR VEHICLE ENTERS/LEAVES ROADWAY @ MIDBLOCK LOCATION									
TYPE 11: Backing from Driveway	0	0.0	0	0	n/a	0	0	0	0
GROUP D: BICYCLE HIT FROM BEHIND BY MOTOR VEHICLE									
TYPE 13a: M. Veh./Bike Going Straight	0	0.0	0	0	n/a	0	0	0	0
TYPE 13/14/16/17: Motor Veh. Passing	0	0.0	0	0	n/a	0	0	0	0
TYPE 15: M. Veh. Following Too Closely	0	0.0	0	0	n/a	0	0	0	0
TOTAL GROUP D	0	0.0	0	0	n/a	0	0	0	0
GROUP E: BICYCLE TURNING/SWERVING NOT AT INTERSECTION									
Bicycle Turning/Swerving	1	9.1	1	0	n/a	0	0	1	0
GROUP F: MOTOR VEHICLE TURNING, BICYCLE NOT									
Motor Vehicle Turning, Bicycle Not	0	0.0	0	0	n/a	0	0	0	0
GROUP G: OTHER									
TYPE 26: Bicycle Going Wrong Way	1	9.1	1	0	n/a	0	0	1	0
TYPE 28: Motor Veh. Going Wrong Way	0	0.0	0	0	n/a	0	0	0	0
TYPE 35: M. Veh. Driveout from Parking	0	0.0	0	0	n/a	0	0	0	0
TYPE 36: Bike Strike Slow/Stop M. Veh.	1	9.1	1	0	n/a	0	0	1	0
TYPE 38: Miscellaneous	0	0.0	0	0	n/a	0	0	0	0
TOTAL GROUP G	2	18.2	2	0	n/a	0	0	2	0
COUNTY TOTAL	11	100	11	0	n/a	1	1	9	0

TABLE 29 WASHINGTON BICYCLE COLLISIONS 1994-1996
LEWIS COUNTY - 65,500 Population
2.70 Bicycle Collisions per 10,000 Population per Year

COLLISION TYPE	#	%	Injury	Fatal	Inter-state	High-way	Co Rd	City St	Other
GROUP A: BICYCLE ENTERS/LEAVES ROADWAY @ MIDBLOCK LOCATION									
TYPE 1-3: Driveway/Alley	9	17.0	9	0	0	0	3	6	0
TYPE 4: Curb Shoulder	1	1.9	1	0	0	0	0	1	0
TOTAL GROUP A	10	18.9	10	0	0	0	3	7	0
GROUP B: COLLISIONS @ INTERSECTION									
TYPE 5b/6b: Bike Disregard Sign/Signal	4	7.5	4	0	0	1	0	3	0
TYPE 7b: Bicycle Fails to Yield	4	7.5	4	0	0	0	0	4	0
TYPE 8b: Bicycle Turning	2	3.8	2	0	0	1	0	1	0
TYPE Bb: Bicycle Xing or Entering	5	9.4	5	0	0	0	1	4	0
SUBTOTAL GROUP B, Type 5b-Bb	15	28.3	15	0	0	2	1	12	0
TYPE 5m: Motor Veh. Disregard Sign	0	0.0	0	0	0	0	0	0	0
TYPE 6m: Motor Veh. Disregard Signal	0	0.0	0	0	0	0	0	0	0
TYPE 7m: Motor Veh. Fails to Yield	3	5.7	3	0	0	0	0	3	0
TYPE 8m: Motor Veh. Turning	1	1.9	1	0	0	0	0	1	0
SUBTOTAL GROUP B, Type 5m-8m	4	7.5	4	0	0	0	0	4	0
TYPE Bx: Inadequate Information	4	7.5	4	0	1	0	0	3	0
TOTAL GROUP B	23	43.4	23	0	1	2	1	19	0
GROUP C: MOTOR VEHICLE ENTERS/LEAVES ROADWAY @ MIDBLOCK LOCATION									
TYPE 11: Backing from Driveway	0	0.0	0	0	0	0	0	0	0
GROUP D: BICYCLE HIT FROM BEHIND BY MOTOR VEHICLE									
TYPE 13a: M. Veh./Bike Going Straight	0	0.0	0	0	0	0	0	0	0
TYPE 13/14/16/17: Motor Veh. Passing	0	0.0	0	0	0	0	0	0	0
TYPE 15: M. Veh. Following Too Closely	0	0.0	0	0	0	0	0	0	0
TOTAL GROUP D	0	0.0	0	0	0	0	0	0	0
GROUP E: BICYCLE TURNING/SWERVING NOT AT INTERSECTION									
Bicycle Turning/Swerving	6	11.3	4	1	0	1	3	2	0
GROUP F: MOTOR VEHICLE TURNING, BICYCLE NOT									
Motor Vehicle Turning, Bicycle Not	1	1.9	1	0	0	1	0	0	0
GROUP G: OTHER									
TYPE 26: Bicycle Going Wrong Way	10	18.9	10	0	1	0	2	7	0
TYPE 28: Motor Veh. Going Wrong Way	0	0.0	0	0	0	0	0	0	0
TYPE 35: M. Veh. Driveout from Parking	0	0.0	0	0	0	0	0	0	0
TYPE 36: Bike Strike Slow/Stop M. Veh.	3	5.7	3	0	0	1	1	1	0
TYPE 38: Miscellaneous	0	0.0	0	0	0	0	0	0	0
TOTAL GROUP G	13	24.5	13	0	1	1	3	8	0
COUNTY TOTAL	53	100	51	1	2	5	10	36	0

TABLE 30 WASHINGTON BICYCLE COLLISIONS 1994-1996
LINCOLN COUNTY - 9,700 Population
1.03 Bicycle Collisions per 10,000 Population per Year

COLLISION TYPE	#	%	Injury	Fatal	Inter-state	High-way	Co Rd	City St	Other
GROUP A: BICYCLE ENTERS/LEAVES ROADWAY @ MIDBLOCK LOCATION									
TYPE 1-3: Driveway/Alley	1	33.3	1	0	0	0	1	0	0
TYPE 4: Curb Shoulder	0	0.0	0	0	0	0	0	0	0
TOTAL GROUP A	1	33.3	1	0	0	0	1	0	0
GROUP B: COLLISIONS @ INTERSECTION									
TYPE 5b/6b: Bike Disregard Sign/Signal	0	0.0	0	0	0	0	0	0	0
TYPE 7b: Bicycle Fails to Yield	1	33.3	1	0	0	0	0	1	0
TYPE 8b: Bicycle Turning	0	0.0	0	0	0	0	0	0	0
TYPE Bb: Bicycle Xing or Entering	0	0.0	0	0	0	0	0	0	0
SUBTOTAL GROUP B, Type 5b-Bb	1	33.3	1	0	0	0	0	1	0
TYPE 5m: Motor Veh. Disregard Sign	0	0.0	0	0	0	0	0	0	0
TYPE 6m: Motor Veh. Disregard Signal	0	0.0	0	0	0	0	0	0	0
TYPE 7m: Motor Veh. Fails to Yield	1	33.3	1	0	0	0	0	1	0
TYPE 8m: Motor Veh. Turning	0	0.0	0	0	0	0	0	0	0
SUBTOTAL GROUP B, Type 5m-8m	1	33.3	1	0	0	0	0	1	0
TYPE Bx: Inadequate Information	0	0.0	0	0	0	0	0	0	0
TOTAL GROUP B	2	66.7	2	0	0	0	0	2	0
GROUP C: MOTOR VEHICLE ENTERS/LEAVES ROADWAY @ MIDBLOCK LOCATION									
TYPE 11: Backing from Driveway	0	0.0	0	0	0	0	0	0	0
GROUP D: BICYCLE HIT FROM BEHIND BY MOTOR VEHICLE									
TYPE 13a: M. Veh./Bike Going Straight	0	0.0	0	0	0	0	0	0	0
TYPE 13/14/16/17: Motor Veh. Passing	0	0.0	0	0	0	0	0	0	0
TYPE 15: M. Veh. Following Too Closely	0	0.0	0	0	0	0	0	0	0
TOTAL GROUP D	0	0.0	0	0	0	0	0	0	0
GROUP E: BICYCLE TURNING/SWERVING NOT AT INTERSECTION									
Bicycle Turning/Swerving	0	0.0	0	0	0	0	0	0	0
GROUP F: MOTOR VEHICLE TURNING, BICYCLE NOT									
Motor Vehicle Turning, Bicycle Not	0	0.0	0	0	0	0	0	0	0
GROUP G: OTHER									
TYPE 26: Bicycle Going Wrong Way	0	0.0	0	0	0	0	0	0	0
TYPE 28: Motor Veh. Going Wrong Way	0	0.0	0	0	0	0	0	0	0
TYPE 35: M. Veh. Driveout from Parking	0	0.0	0	0	0	0	0	0	0
TYPE 36: Bike Strike Slow/Stop M. Veh.	0	0.0	0	0	0	0	0	0	0
TYPE 38: Miscellaneous	0	0.0	0	0	0	0	0	0	0
TOTAL GROUP G	0	0.0	0	0	0	0	0	0	0
COUNTY TOTAL	3	100	3	0	0	0	1	2	0

TABLE 31 WASHINGTON BICYCLE COLLISIONS 1994-1996
MASON COUNTY - 45,300 Population
1.69 Bicycle Collisions per 10,000 Population per Year

COLLISION TYPE	#	%	Injury	Fatal	Inter-state	High-way	Co Rd	City St	Other
GROUP A: BICYCLE ENTERS/LEAVES ROADWAY @ MIDBLOCK LOCATION									
TYPE 1-3: Driveway/Alley	4	17.4	3	1	n/a	2	2	0	0
TYPE 4: Curb Shoulder	0	0.0	0	0	n/a	0	0	0	0
TOTAL GROUP A	4	17.4	3	1	n/a	2	2	0	0
GROUP B: COLLISIONS @ INTERSECTION									
TYPE 5b/6b: Bike Disregard Sign/Signal	1	4.3	1	0	n/a	0	1	0	0
TYPE 7b: Bicycle Fails to Yield	2	8.7	2	0	n/a	1	0	1	0
TYPE 8b: Bicycle Turning	0	0.0	0	0	n/a	0	0	0	0
TYPE Bb: Bicycle Xing or Entering	0	0.0	0	0	n/a	0	0	0	0
SUBTOTAL GROUP B, Type 5b-Bb	3	13.0	3	0	n/a	1	1	1	0
TYPE 5m: Motor Veh. Disregard Sign	0	0.0	0	0	n/a	0	0	0	0
TYPE 6m: Motor Veh. Disregard Signal	0	0.0	0	0	n/a	0	0	0	0
TYPE 7m: Motor Veh. Fails to Yield	4	17.4	4	0	n/a	3	1	0	0
TYPE 8m: Motor Veh. Turning	0	0.0	0	0	n/a	0	0	0	0
SUBTOTAL GROUP B, Type 5m-8m	4	17.4	4	0	n/a	3	1	0	0
TYPE Bx: Inadequate Information	4	17.4	3	0	n/a	1	1	2	0
TOTAL GROUP B	11	47.8	10	0	n/a	5	3	3	0
GROUP C: MOTOR VEHICLE ENTERS/LEAVES ROADWAY @ MIDBLOCK LOCATION									
TYPE 11: Backing from Driveway	0	0.0	0	0	n/a	0	0	0	0
GROUP D: BICYCLE HIT FROM BEHIND BY MOTOR VEHICLE									
TYPE 13a: M. Veh./Bike Going Straight	2	8.7	2	0	n/a	0	2	0	0
TYPE 13/14/16/17: Motor Veh. Passing	0	0.0	0	0	n/a	0	0	0	0
TYPE 15: M. Veh. Following Too Closely	0	0.0	0	0	n/a	0	0	0	0
TOTAL GROUP D	2	8.7	2	0	n/a	0	2	0	0
GROUP E: BICYCLE TURNING/SWERVING NOT AT INTERSECTION									
Bicycle Turning/Swerving	5	21.7	3	2	n/a	2	2	1	0
GROUP F: MOTOR VEHICLE TURNING, BICYCLE NOT									
Motor Vehicle Turning, Bicycle Not	0	0.0	0	0	n/a	0	0	0	0
GROUP G: OTHER									
TYPE 26: Bicycle Going Wrong Way	1	4.3	1	0	n/a	0	0	1	0
TYPE 28: Motor Veh. Going Wrong Way	0	0.0	0	0	n/a	0	0	0	0
TYPE 35: M. Veh. Driveout from Parking	0	0.0	0	0	n/a	0	0	0	0
TYPE 36: Bike Strike Slow/Stop M. Veh.	0	0.0	0	0	n/a	0	0	0	0
TYPE 38: Miscellaneous	0	0.0	0	0	n/a	0	0	0	0
TOTAL GROUP G	1	4.3	1	0	n/a	0	0	1	0
COUNTY TOTAL	23	100	19	3	n/a	9	9	5	0

TABLE 32 WASHINGTON BICYCLE COLLISIONS 1994-1996
OKANOGAN COUNTY - 36,900 Population
1.63 Bicycle Collisions per 10,000 Population per Year

COLLISION TYPE	#	%	Injury	Fatal	Inter-state	High-way	Co Rd	City St	Other
GROUP A: BICYCLE ENTERS/LEAVES ROADWAY @ MIDBLOCK LOCATION									
TYPE 1-3: Driveway/Alley	3	16.7	3	0	n/a	1	0	2	0
TYPE 4: Curb Shoulder	0	0.0	0	0	n/a	0	0	0	0
TOTAL GROUP A	3	16.7	3	0	n/a	1	0	2	0
GROUP B: COLLISIONS @ INTERSECTION									
TYPE 5b/6b: Bike Disregard Sign/Signal	0	0.0	0	0	n/a	0	0	0	0
TYPE 7b: Bicycle Fails to Yield	2	11.1	2	0	n/a	0	0	2	0
TYPE 8b: Bicycle Turning	0	0.0	0	0	n/a	0	0	0	0
TYPE Bb: Bicycle Xing or Entering	0	0.0	0	0	n/a	0	0	0	0
SUBTOTAL GROUP B, Type 5b-Bb	2	11.1	2	0	n/a	0	0	2	0
TYPE 5m: Motor Veh. Disregard Sign	0	0.0	0	0	n/a	0	0	0	0
TYPE 6m: Motor Veh. Disregard Signal	0	0.0	0	0	n/a	0	0	0	0
TYPE 7m: Motor Veh. Fails to Yield	2	11.1	2	0	n/a	1	0	1	0
TYPE 8m: Motor Veh. Turning	0	0.0	0	0	n/a	0	0	0	0
SUBTOTAL GROUP B, Type 5m-8m	2	11.1	2	0	n/a	1	0	1	0
TYPE Bx: Inadequate Information	1	5.6	1	0	n/a	0	0	1	0
TOTAL GROUP B	5	27.8	5	0	n/a	1	0	4	0
GROUP C: MOTOR VEHICLE ENTERS/LEAVES ROADWAY @ MIDBLOCK LOCATION									
TYPE 11: Backing from Driveway	0	0.0	0	0	n/a	0	0	0	0
GROUP D: BICYCLE HIT FROM BEHIND BY MOTOR VEHICLE									
TYPE 13a: M. Veh./Bike Going Straight	0	0.0	0	0	n/a	0	0	0	0
TYPE 13/14/16/17: Motor Veh. Passing	0	0.0	0	0	n/a	0	0	0	0
TYPE 15: M. Veh. Following Too Closely	0	0.0	0	0	n/a	0	0	0	0
TOTAL GROUP D	0	0.0	0	0	n/a	0	0	0	0
GROUP E: BICYCLE TURNING/SWERVING NOT AT INTERSECTION									
Bicycle Turning/Swerving	3	16.7	3	0	n/a	1	1	1	0
GROUP F: MOTOR VEHICLE TURNING, BICYCLE NOT									
Motor Vehicle Turning, Bicycle Not	0	0.0	0	0	n/a	0	0	0	0
GROUP G: OTHER									
TYPE 26: Bicycle Going Wrong Way	6	33.3	6	0	n/a	3	1	2	0
TYPE 28: Motor Veh. Going Wrong Way	0	0.0	0	0	n/a	0	0	0	0
TYPE 35: M. Veh. Driveout from Parking	0	0.0	0	0	n/a	0	0	0	0
TYPE 36: Bike Strike Slow/Stop M. Veh.	1	5.6	1	0	n/a	0	0	1	0
TYPE 38: Miscellaneous	0	0.0	0	0	n/a	0	0	0	0
TOTAL GROUP G	7	38.9	7	0	n/a	3	1	3	0
COUNTY TOTAL	18	100	18	0	n/a	6	2	10	0

TABLE 33 WASHINGTON BICYCLE COLLISIONS 1994-1996
PACIFIC COUNTY - 20,800 Population
2.24 Bicycle Collisions per 10,000 Population per Year

COLLISION TYPE	#	%	Injury	Fatal	Inter-state	High-way	Co Rd	City St	Other
GROUP A: BICYCLE ENTERS/LEAVES ROADWAY @ MIDBLOCK LOCATION									
TYPE 1-3: Driveway/Alley	1	7.1	1	0	n/a	0	0	1	0
TYPE 4: Curb Shoulder	1	7.1	1	0	n/a	1	0	0	0
TOTAL GROUP A	2	14.3	2	0	n/a	1	0	1	0
GROUP B: COLLISIONS @ INTERSECTION									
TYPE 5b/6b: Bike Disregard Sign/Signal	1	7.1	1	0	n/a	0	0	1	0
TYPE 7b: Bicycle Fails to Yield	1	7.1	1	0	n/a	0	1	0	0
TYPE 8b: Bicycle Turning	0	0.0	0	0	n/a	0	0	0	0
TYPE Bb: Bicycle Xing or Entering	0	0.0	0	0	n/a	0	0	0	0
SUBTOTAL GROUP B, Type 5b-Bb	2	14.3	2	0	n/a	0	1	1	0
TYPE 5m: Motor Veh. Disregard Sign	0	0.0	0	0	n/a	0	0	0	0
TYPE 6m: Motor Veh. Disregard Signal	0	0.0	0	0	n/a	0	0	0	0
TYPE 7m: Motor Veh. Fails to Yield	0	0.0	0	0	n/a	0	0	0	0
TYPE 8m: Motor Veh. Turning	0	0.0	0	0	n/a	0	0	0	0
SUBTOTAL GROUP B, Type 5m-8m	0	0.0	0	0	n/a	0	0	0	0
TYPE Bx: Inadequate Information	2	14.3	2	0	n/a	1	0	1	0
TOTAL GROUP B	4	28.6	4	0	n/a	1	1	2	0
GROUP C: MOTOR VEHICLE ENTERS/LEAVES ROADWAY @ MIDBLOCK LOCATION									
TYPE 11: Backing from Driveway	0	0.0	0	0	n/a	0	0	0	0
GROUP D: BICYCLE HIT FROM BEHIND BY MOTOR VEHICLE									
TYPE 13a: M. Veh./Bike Going Straight	1	7.1	1	0	n/a	0	1	0	0
TYPE 13/14/16/17: Motor Veh. Passing	0	0.0	0	0	n/a	0	0	0	0
TYPE 15: M. Veh. Following Too Closely	0	0.0	0	0	n/a	0	0	0	0
TOTAL GROUP D	1	7.1	1	0	n/a	0	1	0	0
GROUP E: BICYCLE TURNING/SWERVING NOT AT INTERSECTION									
Bicycle Turning/Swerving	2	14.3	2	0	n/a	1	1	0	0
GROUP F: MOTOR VEHICLE TURNING, BICYCLE NOT									
Motor Vehicle Turning, Bicycle Not	0	0.0	0	0	n/a	0	0	0	0
GROUP G: OTHER									
TYPE 26: Bicycle Going Wrong Way	3	21.4	3	0	n/a	3	0	0	0
TYPE 28: Motor Veh. Going Wrong Way	0	0.0	0	0	n/a	0	0	0	0
TYPE 35: M. Veh. Driveout from Parking	0	0.0	0	0	n/a	0	0	0	0
TYPE 36: Bike Strike Slow/Stop M. Veh.	2	14.3	2	0	n/a	1	1	0	0
TYPE 38: Miscellaneous	0	0.0	0	0	n/a	0	0	0	0
TOTAL GROUP G	5	35.7	5	0	n/a	4	1	0	0
COUNTY TOTAL	14	100	14	0	n/a	7	4	3	0

TABLE 34 WASHINGTON BICYCLE COLLISIONS 1994-1996
PEND OREILLE COUNTY - 10,700 Population
0.31 Bicycle Collisions per 10,000 Population per Year

COLLISION TYPE	#	%	Injury	Fatal	Inter-state	High-way	Co Rd	City St	Other
GROUP A: BICYCLE ENTERS/LEAVES ROADWAY @ MIDBLOCK LOCATION									
TYPE 1-3: Driveway/Alley	0	0.0	0	0	n/a	0	0	0	0
TYPE 4: Curb Shoulder	0	0.0	0	0	n/a	0	0	0	0
TOTAL GROUP A	0	0.0	0	0	n/a	0	0	0	0
GROUP B: COLLISIONS @ INTERSECTION									
TYPE 5b/6b: Bike Disregard Sign/Signal	0	0.0	0	0	n/a	0	0	0	0
TYPE 7b: Bicycle Fails to Yield	0	0.0	0	0	n/a	0	0	0	0
TYPE 8b: Bicycle Turning	0	0.0	0	0	n/a	0	0	0	0
TYPE Bb: Bicycle Xing or Entering	0	0.0	0	0	n/a	0	0	0	0
SUBTOTAL GROUP B, Type 5b-Bb	0	0.0	0	0	n/a	0	0	0	0
TYPE 5m: Motor Veh. Disregard Sign	0	0.0	0	0	n/a	0	0	0	0
TYPE 6m: Motor Veh. Disregard Signal	0	0.0	0	0	n/a	0	0	0	0
TYPE 7m: Motor Veh. Fails to Yield	0	0.0	0	0	n/a	0	0	0	0
TYPE 8m: Motor Veh. Turning	0	0.0	0	0	n/a	0	0	0	0
SUBTOTAL GROUP B, Type 5m-8m	0	0.0	0	0	n/a	0	0	0	0
TYPE Bx: Inadequate Information	0	0.0	0	0	n/a	0	0	0	0
TOTAL GROUP B	0	0.0	0	0	n/a	0	0	0	0
GROUP C: MOTOR VEHICLE ENTERS/LEAVES ROADWAY @ MIDBLOCK LOCATION									
TYPE 11: Backing from Driveway	0	0.0	0	0	n/a	0	0	0	0
GROUP D: BICYCLE HIT FROM BEHIND BY MOTOR VEHICLE									
TYPE 13a: M. Veh./Bike Going Straight	0	0.0	0	0	n/a	0	0	0	0
TYPE 13/14/16/17: Motor Veh. Passing	0	0.0	0	0	n/a	0	0	0	0
TYPE 15: M. Veh. Following Too Closely	0	0.0	0	0	n/a	0	0	0	0
TOTAL GROUP D	0	0.0	0	0	n/a	0	0	0	0
GROUP E: BICYCLE TURNING/SWERVING NOT AT INTERSECTION									
Bicycle Turning/Swerving	1	100.0	1	0	n/a	0	1	0	0
GROUP F: MOTOR VEHICLE TURNING, BICYCLE NOT									
Motor Vehicle Turning, Bicycle Not	0	0.0	0	0	n/a	0	0	0	0
GROUP G: OTHER									
TYPE 26: Bicycle Going Wrong Way	0	0.0	0	0	n/a	0	0	0	0
TYPE 28: Motor Veh. Going Wrong Way	0	0.0	0	0	n/a	0	0	0	0
TYPE 35: M. Veh. Driveout from Parking	0	0.0	0	0	n/a	0	0	0	0
TYPE 36: Bike Strike Slow/Stop M. Veh.	0	0.0	0	0	n/a	0	0	0	0
TYPE 38: Miscellaneous	0	0.0	0	0	n/a	0	0	0	0
TOTAL GROUP G	0	0.0	0	0	n/a	0	0	0	0
COUNTY TOTAL	1	100	1	0	n/a	0	1	0	0

TABLE 35 WASHINGTON BICYCLE COLLISIONS 1994-1996
PIERCE COUNTY - 660,200 Population
2.46 Bicycle Collisions per 10,000 Population per Year

COLLISION TYPE	#	%	Injury	Fatal	Inter-state	High-way	Co Rd	City St	Other
GROUP A: BICYCLE ENTERS/LEAVES ROADWAY @ MIDBLOCK LOCATION									
TYPE 1-3: Driveway/Alley	58	11.9	57	0	1	10	11	35	1
TYPE 4: Curb Shoulder	6	1.2	4	1	0	2	2	2	0
TOTAL GROUP A	64	13.1	61	1	1	12	13	37	1
GROUP B: COLLISIONS @ INTERSECTION									
TYPE 5b/6b: Bike Disregard Sign/Signal	41	8.4	40	0	1	8	9	23	0
TYPE 7b: Bicycle Fails to Yield	41	8.4	39	1	0	5	8	28	0
TYPE 8b: Bicycle Turning	21	4.3	21	0	0	1	9	11	0
TYPE Bb: Bicycle Xing or Entering	35	7.2	33	0	0	5	11	19	0
SUBTOTAL GROUP B, Type 5b-Bb	138	28.3	133	1	1	19	37	81	0
TYPE 5m: Motor Veh. Disregard Sign	3	0.6	3	0	0	1	0	2	0
TYPE 6m: Motor Veh. Disregard Signal	1	0.2	2	0	1	0	0	1	0
TYPE 7m: Motor Veh. Fails to Yield	71	14.6	69	0	2	16	12	41	0
TYPE 8m: Motor Veh. Turning	2	0.4	2	0	0	0	0	2	0
SUBTOTAL GROUP B, Type 5m-8m	77	15.8	76	0	3	17	12	46	0
TYPE Bx: Inadequate Information	39	8.0	39	0	1	5	6	26	1
TOTAL GROUP B	254	52.2	248	1	5	41	55	153	1
GROUP C: MOTOR VEHICLE ENTERS/LEAVES ROADWAY @ MIDBLOCK LOCATION									
TYPE 11: Backing from Driveway	4	0.8	4	0	0	0	2	1	1
GROUP D: BICYCLE HIT FROM BEHIND BY MOTOR VEHICLE									
TYPE 13a: M. Veh./Bike Going Straight	29	6.0	28	1	0	2	10	16	1
TYPE 13/14/16/17: Motor Veh. Passing	2	0.4	2	0	0	0	1	1	0
TYPE 15: M. Veh. Following Too Closely	1	0.2	1	0	0	0	1	0	0
TOTAL GROUP D	32	6.6	31	1	0	2	12	17	1
GROUP E: BICYCLE TURNING/SWERVING NOT AT INTERSECTION									
Bicycle Turning/Swerving	28	5.7	27	1	0	3	12	13	0
GROUP F: MOTOR VEHICLE TURNING, BICYCLE NOT									
Motor Vehicle Turning, Bicycle Not	2	0.4	2	0	0	1	0	1	0
GROUP G: OTHER									
TYPE 26: Bicycle Going Wrong Way	76	15.6	75	0	3	9	17	46	1
TYPE 28: Motor Veh. Going Wrong Way	0	0.0	0	0	0	0	0	0	0
TYPE 35: M. Veh. Driveout from Parking	0	0.0	0	0	0	0	0	0	0
TYPE 36: Bike Strike Slow/Stop M. Veh.	22	4.5	20	1	0	3	5	14	0
TYPE 38: Miscellaneous	5	1.0	5	0	0	0	2	3	0
TOTAL GROUP G	103	21.1	100	1	3	12	24	63	1
COUNTY TOTAL	487	100	473	5	9	71	118	285	5

TABLE 36 WASHINGTON BICYCLE COLLISIONS 1994-1996
SAN JUAN COUNTY - 12,300 Population
1.08 Bicycle Collisions per 10,000 Population per Year

COLLISION TYPE	#	%	Injury	Fatal	Inter-state	High-way	Co Rd	City St	Other
GROUP A: BICYCLE ENTERS/LEAVES ROADWAY @ MIDBLOCK LOCATION									
TYPE 1-3: Driveway/Alley	0	0.0	0	0	n/a	0	0	0	0
TYPE 4: Curb Shoulder	1	25.0	1	0	n/a	0	0	1	0
TOTAL GROUP A	1	25.0	1	0	n/a	0	0	1	0
GROUP B: COLLISIONS @ INTERSECTION									
TYPE 5b/6b: Bike Disregard Sign/Signal	1	25.0	1	0	n/a	0	1	0	0
TYPE 7b: Bicycle Fails to Yield	0	0.0	0	0	n/a	0	0	0	0
TYPE 8b: Bicycle Turning	0	0.0	0	0	n/a	0	0	0	0
TYPE Bb: Bicycle Xing or Entering	0	0.0	0	0	n/a	0	0	0	0
SUBTOTAL GROUP B, Type 5b-Bb	1	25.0	1	0	n/a	0	1	0	0
TYPE 5m: Motor Veh. Disregard Sign	0	0.0	0	0	n/a	0	0	0	0
TYPE 6m: Motor Veh. Disregard Signal	0	0.0	0	0	n/a	0	0	0	0
TYPE 7m: Motor Veh. Fails to Yield	1	25.0	1	0	n/a	0	0	1	0
TYPE 8m: Motor Veh. Turning	0	0.0	0	0	n/a	0	0	0	0
SUBTOTAL GROUP B, Type 5m-8m	1	25.0	1	0	n/a	0	0	1	0
TYPE Bx: Inadequate Information	0	0.0	0	0	n/a	0	0	0	0
TOTAL GROUP B	2	50.0	2	0	n/a	0	1	1	0
GROUP C: MOTOR VEHICLE ENTERS/LEAVES ROADWAY @ MIDBLOCK LOCATION									
TYPE 11: Backing from Driveway	0	0.0	0	0	n/a	0	0	0	0
GROUP D: BICYCLE HIT FROM BEHIND BY MOTOR VEHICLE									
TYPE 13a: M. Veh./Bike Going Straight	0	0.0	0	0	n/a	0	0	0	0
TYPE 13/14/16/17: Motor Veh. Passing	0	0.0	0	0	n/a	0	0	0	0
TYPE 15: M. Veh. Following Too Closely	0	0.0	0	0	n/a	0	0	0	0
TOTAL GROUP D	0	0.0	0	0	n/a	0	0	0	0
GROUP E: BICYCLE TURNING/SWERVING NOT AT INTERSECTION									
Bicycle Turning/Swerving	1	25.0	1	0	n/a	0	1	0	0
GROUP F: MOTOR VEHICLE TURNING, BICYCLE NOT									
Motor Vehicle Turning, Bicycle Not	0	0.0	0	0	n/a	0	0	0	0
GROUP G: OTHER									
TYPE 26: Bicycle Going Wrong Way	0	0.0	0	0	n/a	0	0	0	0
TYPE 28: Motor Veh. Going Wrong Way	0	0.0	0	0	n/a	0	0	0	0
TYPE 35: M. Veh. Driveout from Parking	0	0.0	0	0	n/a	0	0	0	0
TYPE 36: Bike Strike Slow/Stop M. Veh.	0	0.0	0	0	n/a	0	0	0	0
TYPE 38: Miscellaneous	0	0.0	0	0	n/a	0	0	0	0
TOTAL GROUP G	0	0.0	0	0	n/a	0	0	0	0
COUNTY TOTAL	4	100	4	0	n/a	0	2	2	0

TABLE 37 WASHINGTON BICYCLE COLLISIONS 1994-1996
SKAGIT COUNTY - 93,100 Population
2.54 Bicycle Collisions per 10,000 Population per Year

COLLISION TYPE	#	%	Injury	Fatal	Inter-state	High-way	Co Rd	City St	Other
GROUP A: BICYCLE ENTERS/LEAVES ROADWAY @ MIDBLOCK LOCATION									
TYPE 1-3: Driveway/Alley	8	11.3	8	0	0	3	0	5	0
TYPE 4: Curb Shoulder	0	0.0	0	0	0	0	0	0	0
TOTAL GROUP A	8	11.3	8	0	0	3	0	5	0
GROUP B: COLLISIONS @ INTERSECTION									
TYPE 5b/6b: Bike Disregard Sign/Signal	4	5.6	4	0	0	0	0	4	0
TYPE 7b: Bicycle Fails to Yield	5	7.0	5	0	0	1	0	4	0
TYPE 8b: Bicycle Turning	2	2.8	2	0	0	2	0	0	0
TYPE Bb: Bicycle Xing or Entering	3	4.2	3	0	0	0	0	3	0
SUBTOTAL GROUP B, Type 5b-Bb	14	19.7	14	0	0	3	0	11	0
TYPE 5m: Motor Veh. Disregard Sign	1	1.4	1	0	0	0	0	0	1
TYPE 6m: Motor Veh. Disregard Signal	0	0.0	0	0	0	0	0	0	0
TYPE 7m: Motor Veh. Fails to Yield	12	16.9	12	0	0	3	1	8	0
TYPE 8m: Motor Veh. Turning	2	2.8	2	0	0	1	0	1	0
SUBTOTAL GROUP B, Type 5m-8m	15	21.1	15	0	0	4	1	9	1
TYPE Bx: Inadequate Information	7	9.9	6	0	0	1	0	6	0
TOTAL GROUP B	36	50.7	35	0	0	8	1	26	1
GROUP C: MOTOR VEHICLE ENTERS/LEAVES ROADWAY @ MIDBLOCK LOCATION									
TYPE 11: Backing from Driveway	1	1.4	1	0	0	0	0	1	0
GROUP D: BICYCLE HIT FROM BEHIND BY MOTOR VEHICLE									
TYPE 13a: M. Veh./Bike Going Straight	2	2.8	2	0	0	1	1	0	0
TYPE 13/14/16/17: Motor Veh. Passing	0	0.0	0	0	0	0	0	0	0
TYPE 15: M. Veh. Following Too Closely	0	0.0	0	0	0	0	0	0	0
TOTAL GROUP D	2	2.8	2	0	0	1	1	0	0
GROUP E: BICYCLE TURNING/SWERVING NOT AT INTERSECTION									
Bicycle Turning/Swerving	3	4.2	3	0	0	1	1	1	0
GROUP F: MOTOR VEHICLE TURNING, BICYCLE NOT									
Motor Vehicle Turning, Bicycle Not	1	1.4	1	0	0	1	0	0	0
GROUP G: OTHER									
TYPE 26: Bicycle Going Wrong Way	12	16.9	12	0	0	6	1	5	0
TYPE 28: Motor Veh. Going Wrong Way	0	0.0	0	0	0	0	0	0	0
TYPE 35: M. Veh. Driveout from Parking	0	0.0	0	0	0	0	0	0	0
TYPE 36: Bike Strike Slow/Stop M. Veh.	5	7.0	4	0	0	0	1	3	1
TYPE 38: Miscellaneous	3	4.2	3	0	0	0	2	1	0
TOTAL GROUP G	20	28.2	19	0	0	6	4	9	1
COUNTY TOTAL	71	100	69	0	0	20	7	42	2

TABLE 38 WASHINGTON BICYCLE COLLISIONS 1994-1996
SKAMANIA COUNTY - 9,550 Population
0.35 Bicycle Collisions per 10,000 Population per Year

COLLISION TYPE	#	%	Injury	Fatal	Inter-state	High-way	Co Rd	City St	Other
GROUP A: BICYCLE ENTERS/LEAVES ROADWAY @ MIDBLOCK LOCATION									
TYPE 1-3: Driveway/Alley	0	0.0	0	0	n/a	0	0	0	0
TYPE 4: Curb Shoulder	0	0.0	0	0	n/a	0	0	0	0
TOTAL GROUP A	0	0.0	0	0	n/a	0	0	0	0
GROUP B: COLLISIONS @ INTERSECTION									
TYPE 5b/6b: Bike Disregard Sign/Signal	0	0.0	0	0	n/a	0	0	0	0
TYPE 7b: Bicycle Fails to Yield	0	0.0	0	0	n/a	0	0	0	0
TYPE 8b: Bicycle Turning	0	0.0	0	0	n/a	0	0	0	0
TYPE Bb: Bicycle Xing or Entering	0	0.0	0	0	n/a	0	0	0	0
SUBTOTAL GROUP B, Type 5b-Bb	0	0.0	0	0	n/a	0	0	0	0
TYPE 5m: Motor Veh. Disregard Sign	0	0.0	0	0	n/a	0	0	0	0
TYPE 6m: Motor Veh. Disregard Signal	0	0.0	0	0	n/a	0	0	0	0
TYPE 7m: Motor Veh. Fails to Yield	0	0.0	0	0	n/a	0	0	0	0
TYPE 8m: Motor Veh. Turning	0	0.0	0	0	n/a	0	0	0	0
SUBTOTAL GROUP B, Type 5m-8m	0	0.0	0	0	n/a	0	0	0	0
TYPE Bx: Inadequate Information	0	0.0	0	0	n/a	0	0	0	0
TOTAL GROUP B	0	0.0	0	0	n/a	0	0	0	0
GROUP C: MOTOR VEHICLE ENTERS/LEAVES ROADWAY @ MIDBLOCK LOCATION									
TYPE 11: Backing from Driveway	0	0.0	0	0	n/a	0	0	0	0
GROUP D: BICYCLE HIT FROM BEHIND BY MOTOR VEHICLE									
TYPE 13a: M. Veh./Bike Going Straight	0	0.0	0	0	n/a	0	0	0	0
TYPE 13/14/16/17: Motor Veh. Passing	0	0.0	0	0	n/a	0	0	0	0
TYPE 15: M. Veh. Following Too Closely	0	0.0	0	0	n/a	0	0	0	0
TOTAL GROUP D	0	0.0	0	0	n/a	0	0	0	0
GROUP E: BICYCLE TURNING/SWERVING NOT AT INTERSECTION									
Bicycle Turning/Swerving	1	100.0	1	0	n/a	1	0	0	0
GROUP F: MOTOR VEHICLE TURNING, BICYCLE NOT									
Motor Vehicle Turning, Bicycle Not	0	0.0	0	0	n/a	0	0	0	0
GROUP G: OTHER									
TYPE 26: Bicycle Going Wrong Way	0	0.0	0	0	n/a	0	0	0	0
TYPE 28: Motor Veh. Going Wrong Way	0	0.0	0	0	n/a	0	0	0	0
TYPE 35: M. Veh. Driveout from Parking	0	0.0	0	0	n/a	0	0	0	0
TYPE 36: Bike Strike Slow/Stop M. Veh.	0	0.0	0	0	n/a	0	0	0	0
TYPE 38: Miscellaneous	0	0.0	0	0	n/a	0	0	0	0
TOTAL GROUP G	0	0.0	0	0	n/a	0	0	0	0
COUNTY TOTAL	1	100	1	0	n/a	1	0	0	0

TABLE 39 WASHINGTON BICYCLE COLLISIONS 1994-1996
SNOHOMISH COUNTY - 525,600 Population
2.36 Bicycle Collisions per 10,000 Population per Year

COLLISION TYPE	#	%	Injury	Fatal	Inter-state	High-way	Co Rd	City St	Other
GROUP A: BICYCLE ENTERS/LEAVES ROADWAY @ MIDBLOCK LOCATION									
TYPE 1-3: Driveway/Alley	64	17.2	64	0	0	17	11	35	1
TYPE 4: Curb Shoulder	4	1.1	4	0	0	1	2	1	0
TOTAL GROUP A	68	18.3	68	0	0	18	13	36	1
GROUP B: COLLISIONS @ INTERSECTION									
TYPE 5b/6b: Bike Disregard Sign/Signal	25	6.7	23	0	0	6	6	13	0
TYPE 7b: Bicycle Fails to Yield	21	5.6	20	1	0	5	7	9	0
TYPE 8b: Bicycle Turning	12	3.2	12	0	0	2	4	6	0
TYPE Bb: Bicycle Xing or Entering	26	7.0	23	1	0	7	5	14	0
SUBTOTAL GROUP B, Type 5b-Bb	84	22.6	78	2	0	20	22	42	0
TYPE 5m: Motor Veh. Disregard Sign	2	0.5	2	0	0	1	0	1	0
TYPE 6m: Motor Veh. Disregard Signal	0	0.0	0	0	0	0	0	0	0
TYPE 7m: Motor Veh. Fails to Yield	37	9.9	37	0	1	9	8	19	0
TYPE 8m: Motor Veh. Turning	1	0.3	1	0	0	1	0	0	0
SUBTOTAL GROUP B, Type 5m-8m	40	10.8	40	0	1	11	8	20	0
TYPE Bx: Inadequate Information	23	6.2	21	0	1	6	2	14	0
TOTAL GROUP B	147	39.5	139	2	2	37	32	76	0
GROUP C: MOTOR VEHICLE ENTERS/LEAVES ROADWAY @ MIDBLOCK LOCATION									
TYPE 11: Backing from Driveway	1	0.3	1	0	0	0	0	1	0
GROUP D: BICYCLE HIT FROM BEHIND BY MOTOR VEHICLE									
TYPE 13a: M. Veh./Bike Going Straight	14	3.8	13	1	0	3	3	8	0
TYPE 13/14/16/17: Motor Veh. Passing	4	1.1	4	0	0	0	3	1	0
TYPE 15: M. Veh. Following Too Closely	0	0.0	0	0	0	0	0	0	0
TOTAL GROUP D	18	4.8	17	1	0	3	6	9	0
GROUP E: BICYCLE TURNING/SWERVING NOT AT INTERSECTION									
Bicycle Turning/Swerving	27	7.3	26	1	0	5	6	16	0
GROUP F: MOTOR VEHICLE TURNING, BICYCLE NOT									
Motor Vehicle Turning, Bicycle Not	1	0.3	1	0	0	0	0	1	0
GROUP G: OTHER									
TYPE 26: Bicycle Going Wrong Way	86	23.1	86	0	0	24	10	52	0
TYPE 28: Motor Veh. Going Wrong Way	1	0.3	1	0	0	0	0	1	0
TYPE 35: M. Veh. Driveout from Parking	2	0.5	2	0	0	0	0	2	0
TYPE 36: Bike Strike Slow/Stop M. Veh.	19	5.1	17	0	0	3	6	10	0
TYPE 38: Miscellaneous	2	0.5	2	0	0	0	0	2	0
TOTAL GROUP G	110	29.6	108	0	0	27	16	67	0
COUNTY TOTAL	372	100	360	4	2	90	73	206	1

TABLE 40 WASHINGTON BICYCLE COLLISIONS 1994-1996
SPOKANE COUNTY - 401,200 Population
4.07 Bicycle Collisions per 10,000 Population per Year

COLLISION TYPE	#	%	Injury	Fatal	Inter-state	High-way	Co Rd	City St	Other
GROUP A: BICYCLE ENTERS/LEAVES ROADWAY @ MIDBLOCK LOCATION									
TYPE 1-3: Driveway/Alley	53	10.8	52	1	0	5	16	32	0
TYPE 4: Curb Shoulder	1	0.2	1	0	0	0	0	1	0
TOTAL GROUP A	54	11.0	53	1	0	5	16	33	0
GROUP B: COLLISIONS @ INTERSECTION									
TYPE 5b/6b: Bike Disregard Sign/Signal	56	11.4	53	1	1	8	15	32	0
TYPE 7b: Bicycle Fails to Yield	31	6.3	31	0	0	2	2	27	0
TYPE 8b: Bicycle Turning	20	4.1	20	0	0	1	6	13	0
TYPE Bb: Bicycle Xing or Entering	22	4.5	19	0	0	1	4	17	0
SUBTOTAL GROUP B, Type 5b-Bb	129	26.3	123	1	1	12	27	89	0
TYPE 5m: Motor Veh. Disregard Sign	1	0.2	1	0	0	0	0	1	0
TYPE 6m: Motor Veh. Disregard Signal	2	0.4	2	0	0	1	0	1	0
TYPE 7m: Motor Veh. Fails to Yield	85	17.3	84	0	0	9	5	71	0
TYPE 8m: Motor Veh. Turning	1	0.2	1	0	0	0	1	0	0
SUBTOTAL GROUP B, Type 5m-8m	89	18.2	88	0	0	10	6	73	0
TYPE Bx: Inadequate Information	47	9.6	45	0	0	6	12	29	0
TOTAL GROUP B	265	54.1	256	1	1	28	45	191	0
GROUP C: MOTOR VEHICLE ENTERS/LEAVES ROADWAY @ MIDBLOCK LOCATION									
TYPE 11: Backing from Driveway	3	0.6	3	0	0	0	0	3	0
GROUP D: BICYCLE HIT FROM BEHIND BY MOTOR VEHICLE									
TYPE 13a: M. Veh./Bike Going Straight	21	4.3	21	0	0	1	3	17	0
TYPE 13/14/16/17: Motor Veh. Passing	2	0.4	2	0	0	0	1	1	0
TYPE 15: M. Veh. Following Too Closely	1	0.2	1	0	0	0	0	1	0
TOTAL GROUP D	24	4.9	24	0	0	1	4	19	0
GROUP E: BICYCLE TURNING/SWERVING NOT AT INTERSECTION									
Bicycle Turning/Swerving	20	4.1	19	0	0	0	7	13	0
GROUP F: MOTOR VEHICLE TURNING, BICYCLE NOT									
Motor Vehicle Turning, Bicycle Not	3	0.6	3	0	0	0	2	1	0
GROUP G: OTHER									
TYPE 26: Bicycle Going Wrong Way	96	19.6	95	0	2	16	19	59	0
TYPE 28: Motor Veh. Going Wrong Way	0	0.0	0	0	0	0	0	0	0
TYPE 35: M. Veh. Driveout from Parking	0	0.0	0	0	0	0	0	0	0
TYPE 36: Bike Strike Slow/Stop M. Veh.	21	4.3	20	0	0	2	3	16	0
TYPE 38: Miscellaneous	4	0.8	4	0	0	0	0	4	0
TOTAL GROUP G	121	24.7	119	0	2	18	22	79	0
COUNTY TOTAL	490	100	477	2	3	52	96	339	0

TABLE 41 WASHINGTON BICYCLE COLLISIONS 1994-1996
STEVENS COUNTY - 35,400 Population
1.22 Bicycle Collisions per 10,000 Population per Year

COLLISION TYPE	#	%	Injury	Fatal	Inter-state	High-way	Co Rd	City St	Other
GROUP A: BICYCLE ENTERS/LEAVES ROADWAY @ MIDBLOCK LOCATION									
TYPE 1-3: Driveway/Alley	2	15.4	2	0	n/a	0	1	1	0
TYPE 4: Curb Shoulder	0	0.0	0	0	n/a	0	0	0	0
TOTAL GROUP A	2	15.4	2	0	n/a	0	1	1	0
GROUP B: COLLISIONS @ INTERSECTION									
TYPE 5b/6b: Bike Disregard Sign/Signal	3	23.1	3	0	n/a	1	0	2	0
TYPE 7b: Bicycle Fails to Yield	0	0.0	0	0	n/a	0	0	0	0
TYPE 8b: Bicycle Turning	0	0.0	0	0	n/a	0	0	0	0
TYPE Bb: Bicycle Xing or Entering	0	0.0	0	0	n/a	0	0	0	0
SUBTOTAL GROUP B, Type 5b-Bb	3	23.1	3	0	n/a	1	0	2	0
TYPE 5m: Motor Veh. Disregard Sign	0	0.0	0	0	n/a	0	0	0	0
TYPE 6m: Motor Veh. Disregard Signal	0	0.0	0	0	n/a	0	0	0	0
TYPE 7m: Motor Veh. Fails to Yield	4	30.8	4	0	n/a	1	0	3	0
TYPE 8m: Motor Veh. Turning	0	0.0	0	0	n/a	0	0	0	0
SUBTOTAL GROUP B, Type 5m-8m	4	30.8	4	0	n/a	1	0	3	0
TYPE Bx: Inadequate Information	0	0.0	0	0	n/a	0	0	0	0
TOTAL GROUP B	7	53.8	7	0	n/a	2	0	5	0
GROUP C: MOTOR VEHICLE ENTERS/LEAVES ROADWAY @ MIDBLOCK LOCATION									
TYPE 11: Backing from Driveway	0	0.0	0	0	n/a	0	0	0	0
GROUP D: BICYCLE HIT FROM BEHIND BY MOTOR VEHICLE									
TYPE 13a: M. Veh./Bike Going Straight	0	0.0	0	0	n/a	0	0	0	0
TYPE 13/14/16/17: Motor Veh. Passing	0	0.0	0	0	n/a	0	0	0	0
TYPE 15: M. Veh. Following Too Closely	0	0.0	0	0	n/a	0	0	0	0
TOTAL GROUP D	0	0.0	0	0	n/a	0	0	0	0
GROUP E: BICYCLE TURNING/SWERVING NOT AT INTERSECTION									
Bicycle Turning/Swerving	0	0.0	0	0	n/a	0	0	0	0
GROUP F: MOTOR VEHICLE TURNING, BICYCLE NOT									
Motor Vehicle Turning, Bicycle Not	0	0.0	0	0	n/a	0	0	0	0
GROUP G: OTHER									
TYPE 26: Bicycle Going Wrong Way	4	30.8	4	0	n/a	3	0	1	0
TYPE 28: Motor Veh. Going Wrong Way	0	0.0	0	0	n/a	0	0	0	0
TYPE 35: M. Veh. Driveout from Parking	0	0.0	0	0	n/a	0	0	0	0
TYPE 36: Bike Strike Slow/Stop M. Veh.	0	0.0	0	0	n/a	0	0	0	0
TYPE 38: Miscellaneous	0	0.0	0	0	n/a	0	0	0	0
TOTAL GROUP G	4	30.8	4	0	n/a	3	0	1	0
COUNTY TOTAL	13	100	13	0	n/a	5	1	7	0

TABLE 42 WASHINGTON BICYCLE COLLISIONS 1994-1996
THURSTON COUNTY - 189,200 Population
3.07 Bicycle Collisions per 10,000 Population per Year

COLLISION TYPE	#	%	Injury	Fatal	Inter-state	High-way	Co Rd	City St	Other
GROUP A: BICYCLE ENTERS/LEAVES ROADWAY @ MIDBLOCK LOCATION									
TYPE 1-3: Driveway/Alley	31	17.8	28	0	0	4	5	22	0
TYPE 4: Curb Shoulder	3	1.7	3	0	0	0	3	0	0
TOTAL GROUP A	34	19.5	31	0	0	4	8	22	0
GROUP B: COLLISIONS @ INTERSECTION									
TYPE 5b/6b: Bike Disregard Sign/Signal	13	7.5	10	0	1	0	3	9	0
TYPE 7b: Bicycle Fails to Yield	8	4.6	8	0	0	0	2	6	0
TYPE 8b: Bicycle Turning	6	3.4	5	0	0	1	3	2	0
TYPE Bb: Bicycle Xing or Entering	7	4.0	7	0	0	0	1	6	0
SUBTOTAL GROUP B, Type 5b-Bb	34	19.5	30	0	1	1	9	23	0
TYPE 5m: Motor Veh. Disregard Sign	1	0.6	1	0	0	0	1	0	0
TYPE 6m: Motor Veh. Disregard Signal	0	0.0	0	0	0	0	0	0	0
TYPE 7m: Motor Veh. Fails to Yield	36	20.7	36	0	0	5	6	25	0
TYPE 8m: Motor Veh. Turning	1	0.6	1	0	0	0	0	1	0
SUBTOTAL GROUP B, Type 5m-8m	38	21.8	38	0	0	5	7	26	0
TYPE Bx: Inadequate Information	10	5.7	10	0	1	1	3	5	0
TOTAL GROUP B	82	47.1	78	0	2	7	19	54	0
GROUP C: MOTOR VEHICLE ENTERS/LEAVES ROADWAY @ MIDBLOCK LOCATION									
TYPE 11: Backing from Driveway	1	0.6	1	0	0	0	0	1	0
GROUP D: BICYCLE HIT FROM BEHIND BY MOTOR VEHICLE									
TYPE 13a: M. Veh./Bike Going Straight	7	4.0	6	1	0	0	4	3	0
TYPE 13/14/16/17: Motor Veh. Passing	1	0.6	1	0	0	0	0	1	0
TYPE 15: M. Veh. Following Too Closely	0	0.0	0	0	0	0	0	0	0
TOTAL GROUP D	8	4.6	7	1	0	0	4	4	0
GROUP E: BICYCLE TURNING/SWERVING NOT AT INTERSECTION									
Bicycle Turning/Swerving	11	6.3	10	0	0	1	4	6	0
GROUP F: MOTOR VEHICLE TURNING, BICYCLE NOT									
Motor Vehicle Turning, Bicycle Not	5	2.9	5	0	0	0	0	5	0
GROUP G: OTHER									
TYPE 26: Bicycle Going Wrong Way	25	14.4	25	0	0	2	4	19	0
TYPE 28: Motor Veh. Going Wrong Way	0	0.0	0	0	0	0	0	0	0
TYPE 35: M. Veh. Driveout from Parking	1	0.6	1	0	0	0	0	1	0
TYPE 36: Bike Strike Slow/Stop M. Veh.	7	4.0	6	0	0	1	0	6	0
TYPE 38: Miscellaneous	0	0.0	0	0	0	0	0	0	0
TOTAL GROUP G	33	19.0	32	0	0	3	4	26	0
COUNTY TOTAL	174	100	164	1	2	15	39	118	0

TABLE 43 WASHINGTON BICYCLE COLLISIONS 1994-1996
WAHKIAKUM COUNTY - 3,700 Population
0.90 Bicycle Collisions per 10,000 Population per Year

COLLISION TYPE	#	%	Injury	Fatal	Inter-state	High-way	Co Rd	City St	Other
GROUP A: BICYCLE ENTERS/LEAVES ROADWAY @ MIDBLOCK LOCATION									
TYPE 1-3: Driveway/Alley	0	0.0	0	0	n/a	0	0	0	0
TYPE 4: Curb Shoulder	0	0.0	0	0	n/a	0	0	0	0
TOTAL GROUP A	0	0.0	0	0	n/a	0	0	0	0
GROUP B: COLLISIONS @ INTERSECTION									
TYPE 5b/6b: Bike Disregard Sign/Signal	0	0.0	0	0	n/a	0	0	0	0
TYPE 7b: Bicycle Fails to Yield	0	0.0	0	0	n/a	0	0	0	0
TYPE 8b: Bicycle Turning	0	0.0	0	0	n/a	0	0	0	0
TYPE Bb: Bicycle Xing or Entering	0	0.0	0	0	n/a	0	0	0	0
SUBTOTAL GROUP B, Type 5b-Bb	0	0.0	0	0	n/a	0	0	0	0
TYPE 5m: Motor Veh. Disregard Sign	0	0.0	0	0	n/a	0	0	0	0
TYPE 6m: Motor Veh. Disregard Signal	0	0.0	0	0	n/a	0	0	0	0
TYPE 7m: Motor Veh. Fails to Yield	0	0.0	0	0	n/a	0	0	0	0
TYPE 8m: Motor Veh. Turning	0	0.0	0	0	n/a	0	0	0	0
SUBTOTAL GROUP B, Type 5m-8m	0	0.0	0	0	n/a	0	0	0	0
TYPE Bx: Inadequate Information	0	0.0	0	0	n/a	0	0	0	0
TOTAL GROUP B	0	0.0	0	0	n/a	0	0	0	0
GROUP C: MOTOR VEHICLE ENTERS/LEAVES ROADWAY @ MIDBLOCK LOCATION									
TYPE 11: Backing from Driveway	0	0.0	0	0	n/a	0	0	0	0
GROUP D: BICYCLE HIT FROM BEHIND BY MOTOR VEHICLE									
TYPE 13a: M. Veh./Bike Going Straight	0	0.0	0	0	n/a	0	0	0	0
TYPE 13/14/16/17: Motor Veh. Passing	0	0.0	0	0	n/a	0	0	0	0
TYPE 15: M. Veh. Following Too Closely	0	0.0	0	0	n/a	0	0	0	0
TOTAL GROUP D	0	0.0	0	0	n/a	0	0	0	0
GROUP E: BICYCLE TURNING/SWERVING NOT AT INTERSECTION									
Bicycle Turning/Swerving	1	100.0	0	1	n/a	1	0	0	0
GROUP F: MOTOR VEHICLE TURNING, BICYCLE NOT									
Motor Vehicle Turning, Bicycle Not	0	0.0	0	0	n/a	0	0	0	0
GROUP G: OTHER									
TYPE 26: Bicycle Going Wrong Way	0	0.0	0	0	n/a	0	0	0	0
TYPE 28: Motor Veh. Going Wrong Way	0	0.0	0	0	n/a	0	0	0	0
TYPE 35: M. Veh. Driveout from Parking	0	0.0	0	0	n/a	0	0	0	0
TYPE 36: Bike Strike Slow/Stop M. Veh.	0	0.0	0	0	n/a	0	0	0	0
TYPE 38: Miscellaneous	0	0.0	0	0	n/a	0	0	0	0
TOTAL GROUP G	0	0.0	0	0	n/a	0	0	0	0
COUNTY TOTAL	1	100	0	1	n/a	1	0	0	0

TABLE 44 WASHINGTON BICYCLE COLLISIONS 1994-1996
WALLA WALLA COUNTY - 52,700 Population
2.09 Bicycle Collisions per 10,000 Population per Year

COLLISION TYPE	#	%	Injury	Fatal	Inter-state	High-way	Co Rd	City St	Other
GROUP A: BICYCLE ENTERS/LEAVES ROADWAY @ MIDBLOCK LOCATION									
TYPE 1-3: Driveway/Alley	6	18.2	6	0	n/a	0	1	5	0
TYPE 4: Curb Shoulder	0	0.0	0	0	n/a	0	0	0	0
TOTAL GROUP A	6	18.2	6	0	n/a	0	1	5	0
GROUP B: COLLISIONS @ INTERSECTION									
TYPE 5b/6b: Bike Disregard Sign/Signal	4	12.1	4	0	n/a	1	1	2	0
TYPE 7b: Bicycle Fails to Yield	1	3.0	0	0	n/a	0	0	1	0
TYPE 8b: Bicycle Turning	1	3.0	1	0	n/a	0	0	1	0
TYPE Bb: Bicycle Xing or Entering	1	3.0	1	0	n/a	0	0	1	0
SUBTOTAL GROUP B, Type 5b-Bb	7	21.2	6	0	n/a	1	1	5	0
TYPE 5m: Motor Veh. Disregard Sign	0	0.0	0	0	n/a	0	0	0	0
TYPE 6m: Motor Veh. Disregard Signal	1	3.0	1	0	n/a	0	0	1	0
TYPE 7m: Motor Veh. Fails to Yield	8	24.2	8	0	n/a	1	0	7	0
TYPE 8m: Motor Veh. Turning	1	3.0	1	0	n/a	0	0	1	0
SUBTOTAL GROUP B, Type 5m-8m	10	30.3	10	0	n/a	1	0	9	0
TYPE Bx: Inadequate Information	3	9.1	3	0	n/a	0	0	3	0
TOTAL GROUP B	20	60.6	19	0	n/a	2	1	17	0
GROUP C: MOTOR VEHICLE ENTERS/LEAVES ROADWAY @ MIDBLOCK LOCATION									
TYPE 11: Backing from Driveway	0	0.0	0	0	n/a	0	0	0	0
GROUP D: BICYCLE HIT FROM BEHIND BY MOTOR VEHICLE									
TYPE 13a: M. Veh./Bike Going Straight	1	3.0	1	0	n/a	1	0	0	0
TYPE 13/14/16/17: Motor Veh. Passing	0	0.0	0	0	n/a	0	0	0	0
TYPE 15: M. Veh. Following Too Closely	0	0.0	0	0	n/a	0	0	0	0
TOTAL GROUP D	1	3.0	1	0	n/a	1	0	0	0
GROUP E: BICYCLE TURNING/SWERVING NOT AT INTERSECTION									
Bicycle Turning/Swerving	0	0.0	0	0	n/a	0	0	0	0
GROUP F: MOTOR VEHICLE TURNING, BICYCLE NOT									
Motor Vehicle Turning, Bicycle Not	0	0.0	0	0	n/a	0	0	0	0
GROUP G: OTHER									
TYPE 26: Bicycle Going Wrong Way	3	9.1	3	0	n/a	0	1	2	0
TYPE 28: Motor Veh. Going Wrong Way	0	0.0	0	0	n/a	0	0	0	0
TYPE 35: M. Veh. Driveout from Parking	0	0.0	0	0	n/a	0	0	0	0
TYPE 36: Bike Strike Slow/Stop M. Veh.	2	6.1	2	0	n/a	0	0	2	0
TYPE 38: Miscellaneous	1	3.0	1	0	n/a	0	0	1	0
TOTAL GROUP G	6	18.2	6	0	n/a	0	1	5	0
COUNTY TOTAL	33	100	32	0	n/a	3	3	27	0

TABLE 45 WASHINGTON BICYCLE COLLISIONS 1994-1996
WHATCOM COUNTY - 148,300 Population
2.99 Bicycle Collisions per 10,000 Population per Year

COLLISION TYPE	#	%	Injury	Fatal	Inter-state	High-way	Co Rd	City St	Other
GROUP A: BICYCLE ENTERS/LEAVES ROADWAY @ MIDBLOCK LOCATION									
TYPE 1-3: Driveway/Alley	30	22.6	28	0	0	0	3	27	0
TYPE 4: Curb Shoulder	1	0.8	1	0	0	1	0	0	0
TOTAL GROUP A	31	23.3	29	0	0	1	3	27	0
GROUP B: COLLISIONS @ INTERSECTION									
TYPE 5b/6b: Bike Disregard Sign/Signal	5	3.8	5	0	0	0	0	5	0
TYPE 7b: Bicycle Fails to Yield	4	3.0	4	0	1	0	0	3	0
TYPE 8b: Bicycle Turning	5	3.8	5	0	0	0	2	3	0
TYPE Bb: Bicycle Xing or Entering	5	3.8	5	0	0	0	1	4	0
SUBTOTAL GROUP B, Type 5b-Bb	19	14.3	19	0	1	0	3	15	0
TYPE 5m: Motor Veh. Disregard Sign	1	0.8	1	0	0	0	0	1	0
TYPE 6m: Motor Veh. Disregard Signal	0	0.0	0	0	0	0	0	0	0
TYPE 7m: Motor Veh. Fails to Yield	19	14.3	18	0	0	1	0	18	0
TYPE 8m: Motor Veh. Turning	2	1.5	2	0	0	1	0	1	0
SUBTOTAL GROUP B, Type 5m-8m	22	16.5	21	0	0	2	0	20	0
TYPE Bx: Inadequate Information	17	12.8	17	0	0	1	1	15	0
TOTAL GROUP B	58	43.6	57	0	1	3	4	50	0
GROUP C: MOTOR VEHICLE ENTERS/LEAVES ROADWAY @ MIDBLOCK LOCATION									
TYPE 11: Backing from Driveway	0	0.0	0	0	0	0	0	0	0
GROUP D: BICYCLE HIT FROM BEHIND BY MOTOR VEHICLE									
TYPE 13a: M. Veh./Bike Going Straight	6	4.5	6	0	0	2	1	3	0
TYPE 13/14/16/17: Motor Veh. Passing	0	0.0	0	0	0	0	0	0	0
TYPE 15: M. Veh. Following Too Closely	0	0.0	0	0	0	0	0	0	0
TOTAL GROUP D	6	4.5	6	0	0	2	1	3	0
GROUP E: BICYCLE TURNING/SWERVING NOT AT INTERSECTION									
Bicycle Turning/Swerving	10	7.5	8	0	0	1	3	6	0
GROUP F: MOTOR VEHICLE TURNING, BICYCLE NOT									
Motor Vehicle Turning, Bicycle Not	3	2.3	3	0	0	0	1	2	0
GROUP G: OTHER									
TYPE 26: Bicycle Going Wrong Way	14	10.5	14	0	0	0	1	13	0
TYPE 28: Motor Veh. Going Wrong Way	0	0.0	0	0	0	0	0	0	0
TYPE 35: M. Veh. Driveout from Parking	1	0.8	1	0	0	0	1	0	0
TYPE 36: Bike Strike Slow/Stop M. Veh.	9	6.8	9	0	0	0	0	8	1
TYPE 38: Miscellaneous	1	0.8	1	0	0	0	0	1	0
TOTAL GROUP G	25	18.8	25	0	0	0	2	22	1
COUNTY TOTAL	133	100	128	0	1	7	14	110	1

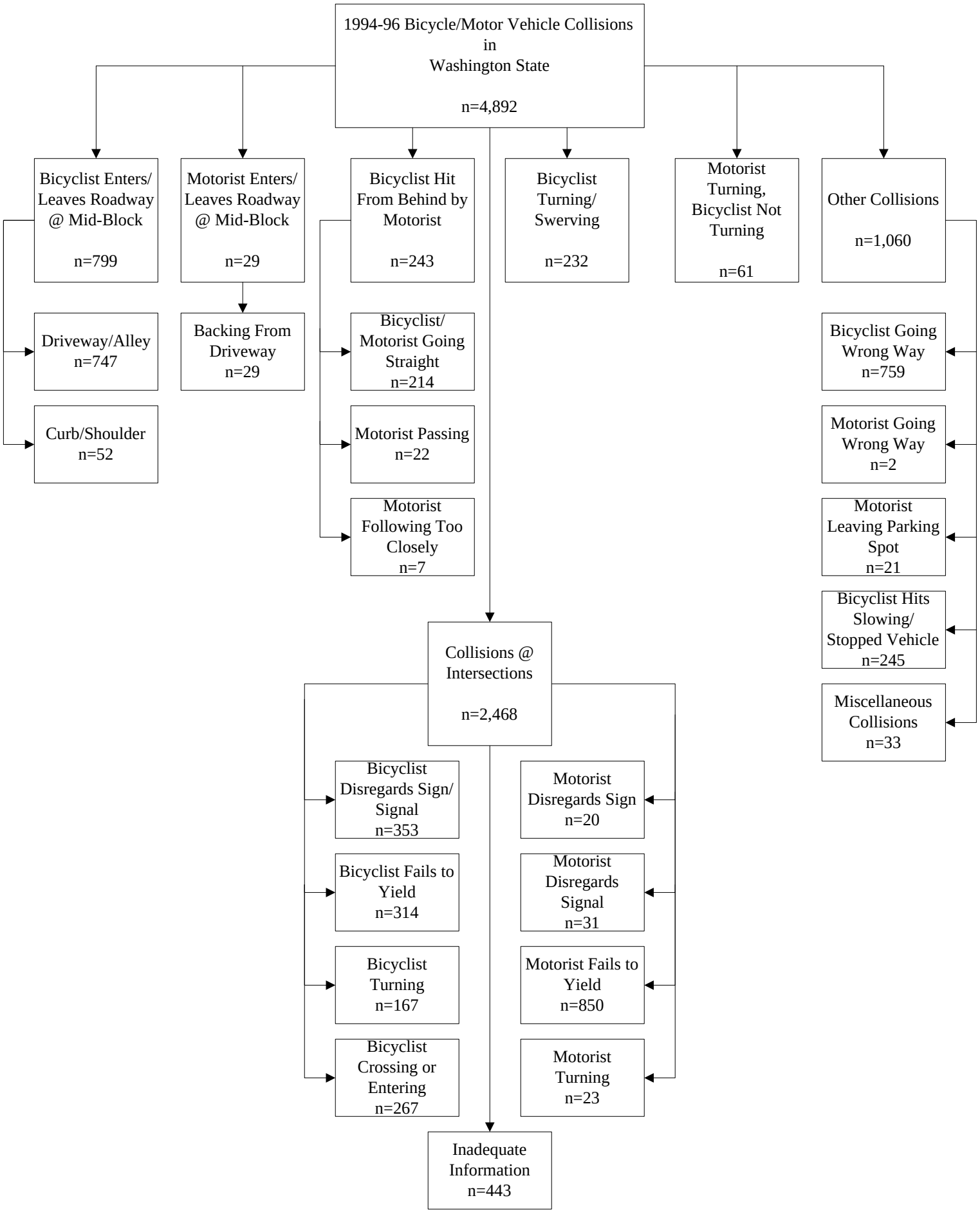
TABLE 46 WASHINGTON BICYCLE COLLISIONS 1994-1996
WHITMAN COUNTY - 40,500 Population
1.89 Bicycle Collisions per 10,000 Population per Year

COLLISION TYPE	#	%	Injury	Fatal	Inter-state	High-way	Co Rd	City St	Other
GROUP A: BICYCLE ENTERS/LEAVES ROADWAY @ MIDBLOCK LOCATION									
TYPE 1-3: Driveway/Alley	5	21.7	4	0	n/a	3	0	1	1
TYPE 4: Curb Shoulder	3	13.0	3	0	n/a	3	0	0	0
TOTAL GROUP A	8	34.8	7	0	n/a	6	0	1	1
GROUP B: COLLISIONS @ INTERSECTION									
TYPE 5b/6b: Bike Disregard Sign/Signal	0	0.0	0	0	n/a	0	0	0	0
TYPE 7b: Bicycle Fails to Yield	2	8.7	2	0	n/a	1	0	0	1
TYPE 8b: Bicycle Turning	0	0.0	0	0	n/a	0	0	0	0
TYPE Bb: Bicycle Xing or Entering	0	0.0	0	0	n/a	0	0	0	0
SUBTOTAL GROUP B, Type 5b-Bb	2	8.7	2	0	n/a	1	0	0	1
TYPE 5m: Motor Veh. Disregard Sign	0	0.0	0	0	n/a	0	0	0	0
TYPE 6m: Motor Veh. Disregard Signal	0	0.0	0	0	n/a	0	0	0	0
TYPE 7m: Motor Veh. Fails to Yield	3	13.0	3	0	n/a	1	0	1	1
TYPE 8m: Motor Veh. Turning	0	0.0	0	0	n/a	0	0	0	0
SUBTOTAL GROUP B, Type 5m-8m	3	13.0	3	0	n/a	1	0	1	1
TYPE Bx: Inadequate Information	3	13.0	1	0	n/a	1	0	2	0
TOTAL GROUP B	8	34.8	6	0	n/a	3	0	3	2
GROUP C: MOTOR VEHICLE ENTERS/LEAVES ROADWAY @ MIDBLOCK LOCATION									
TYPE 11: Backing from Driveway	0	0.0	0	0	n/a	0	0	0	0
GROUP D: BICYCLE HIT FROM BEHIND BY MOTOR VEHICLE									
TYPE 13a: M. Veh./Bike Going Straight	1	4.3	1	0	n/a	1	0	0	0
TYPE 13/14/16/17: Motor Veh. Passing	0	0.0	0	0	n/a	0	0	0	0
TYPE 15: M. Veh. Following Too Closely	0	0.0	0	0	n/a	0	0	0	0
TOTAL GROUP D	1	4.3	1	0	n/a	1	0	0	0
GROUP E: BICYCLE TURNING/SWERVING NOT AT INTERSECTION									
Bicycle Turning/Swerving	0	0.0	0	0	n/a	0	0	0	0
GROUP F: MOTOR VEHICLE TURNING, BICYCLE NOT									
Motor Vehicle Turning, Bicycle Not	1	4.3	0	0	n/a	0	0	1	0
GROUP G: OTHER									
TYPE 26: Bicycle Going Wrong Way	2	8.7	2	0	n/a	1	0	1	0
TYPE 28: Motor Veh. Going Wrong Way	0	0.0	0	0	n/a	0	0	0	0
TYPE 35: M. Veh. Driveout from Parking	0	0.0	0	0	n/a	0	0	0	0
TYPE 36: Bike Strike Slow/Stop M. Veh.	3	13.0	2	0	n/a	2	0	1	0
TYPE 38: Miscellaneous	0	0.0	0	0	n/a	0	0	0	0
TOTAL GROUP G	5	21.7	4	0	n/a	3	0	2	0
COUNTY TOTAL	23	100	18	0	n/a	13	0	7	3

TABLE 47 WASHINGTON BICYCLE COLLISIONS 1994-1996
YAKIMA COUNTY - 204,100 Population
2.20 Bicycle Collisions per 10,000 Population per Year

COLLISION TYPE	#	%	Injury	Fatal	Inter-state	High-way	Co Rd	City St	Other
GROUP A: BICYCLE ENTERS/LEAVES ROADWAY @ MIDBLOCK LOCATION									
TYPE 1-3: Driveway/Alley	20	14.8	18	1	0	0	1	19	0
TYPE 4: Curb Shoulder	0	0.0	0	0	0	0	0	0	0
TOTAL GROUP A	20	14.8	18	1	0	0	1	19	0
GROUP B: COLLISIONS @ INTERSECTION									
TYPE 5b/6b: Bike Disregard Sign/Signal	7	5.2	6	0	0	0	0	7	0
TYPE 7b: Bicycle Fails to Yield	9	6.7	9	0	0	0	1	8	0
TYPE 8b: Bicycle Turning	7	5.2	7	0	0	0	1	6	0
TYPE Bb: Bicycle Xing or Entering	11	8.1	11	0	0	0	2	9	0
SUBTOTAL GROUP B, Type 5b-Bb	34	25.2	33	0	0	0	4	30	0
TYPE 5m: Motor Veh. Disregard Sign	0	0.0	0	0	0	0	0	0	0
TYPE 6m: Motor Veh. Disregard Signal	0	0.0	0	0	0	0	0	0	0
TYPE 7m: Motor Veh. Fails to Yield	25	18.5	25	0	0	3	2	20	0
TYPE 8m: Motor Veh. Turning	0	0.0	0	0	0	0	0	0	0
SUBTOTAL GROUP B, Type 5m-8m	25	18.5	25	0	0	3	2	20	0
TYPE Bx: Inadequate Information	10	7.4	10	0	0	0	1	9	0
TOTAL GROUP B	69	51.1	68	0	0	3	7	59	0
GROUP C: MOTOR VEHICLE ENTERS/LEAVES ROADWAY @ MIDBLOCK LOCATION									
TYPE 11: Backing from Driveway	1	0.7	1	0	0	0	0	1	0
GROUP D: BICYCLE HIT FROM BEHIND BY MOTOR VEHICLE									
TYPE 13a: M. Veh./Bike Going Straight	7	5.2	7	0	0	0	0	7	0
TYPE 13/14/16/17: Motor Veh. Passing	0	0.0	0	0	0	0	0	0	0
TYPE 15: M. Veh. Following Too Closely	1	0.7	1	0	0	0	0	1	0
TOTAL GROUP D	8	5.9	8	0	0	0	0	8	0
GROUP E: BICYCLE TURNING/SWERVING NOT AT INTERSECTION									
Bicycle Turning/Swerving	8	5.9	7	1	0	2	3	3	0
GROUP F: MOTOR VEHICLE TURNING, BICYCLE NOT									
Motor Vehicle Turning, Bicycle Not	1	0.7	1	0	0	0	0	1	0
GROUP G: OTHER									
TYPE 26: Bicycle Going Wrong Way	20	14.8	19	1	0	0	2	18	0
TYPE 28: Motor Veh. Going Wrong Way	0	0.0	0	0	0	0	0	0	0
TYPE 35: M. Veh. Driveout from Parking	0	0.0	0	0	0	0	0	0	0
TYPE 36: Bike Strike Slow/Stop M. Veh.	8	5.9	6	0	0	0	0	8	0
TYPE 38: Miscellaneous	0	0.0	0	0	0	0	0	0	0
TOTAL GROUP G	28	20.7	25	1	0	0	2	26	0
COUNTY TOTAL	135	100	128	3	0	5	13	117	0

APPENDIX A


1994-96 Bicycle/Motor Vehicle Collisions in Washington State
n=4,892
Bicyclist Enters/ Leaves Roadway @ Mid-Block
n=799
Motorist Enters/ Leaves Roadway @ Mid-Block
n=29
Bicyclist Hit From Behind by Motorist
n=243
Bicyclist Turning/ Swerving
n=232
Motorist Turning, Bicyclist Not Turning
n=61
Other Collisions
n=1,060
Driveway/Alley
n=747
Backing From Driveway
n=29
Curb/Shoulder
n=52
Bicyclist/ Motorist Going Straight
n=214
Motorist Passing
n=22
Motorist Following Too Closely
n=7
Bicyclist Going Wrong Way
n=759
Motorist Going Wrong Way
n=2
Motorist Leaving Parking Spot
n=21
Bicyclist Hits Slowing/ Stopped Vehicle
n=245
Miscellaneous Collisions
n=33
Collisions @ Intersections
n=2,468
Bicyclist Disregards Sign/ Signal
n=353
Bicyclist Fails to Yield
n=314
Bicyclist Turning
n=167
Bicyclist Crossing or Entering
n=267
Motorist Disregards Sign
n=20
Motorist Disregards Signal
n=31
Motorist Fails to Yield
n=850
Motorist Turning
n=23
Inadequate Information
n=443

APPENDIX B

BICYCLE COLLISION CLASSIFICATION DEFINITIONS

Collision Group A: Bicycle Enters/Leaves Roadway at Midblock

Type 1-3: Driveway/Alley - Any bicycle collision that did not occur at an intersection and was driveway-related or occurred within an alley. Washington State Patrol junction relationship code 3 or location character code 2.

Type 4: Curb Shoulder - Any bicycle collision that did not occur at an intersection and which involved a roadway shoulder (not known/designated to be a bicycle route). Washington State Patrol junction relationship code 4 and pedalcyclist use code 3 or pedalcyclist location code 24.

Collision Group B: Accidents at Intersections

Type 5b/6b: Bicyclist Disregards Sign/Signal - Any bicycle collision which occurred at an intersection and the bicyclist disregarded traffic controls. Washington State Patrol junction relationship code 1 and pedalcyclist contributing circumstances code 2.

Type 7b: Bicyclist Fails to Yield Right of Way - Any bicycle collision which occurred at an intersection and the bicyclist did not grant the right of way to the motorist. Washington State Patrol junction relationship code 1 and pedalcyclist contributing circumstances code 3.

Type 8b: Bicyclist Makes Improper Turn - Any bicycle collision which occurred at an intersection and the bicyclist turned into the path of a motorist either traveling in the same or different direction. Washington State Patrol junction relationship code 1 and pedalcyclist action code 47 or 48.

Type 5m: Motorist Disregards Sign - Any bicycle collision which occurred at an intersection and the motorist disregarded the stop sign or red flashing light. Washington State Patrol junction relationship code 1 and driver contributing circumstances code 12.

Type 6m: Motorist Disregards Signal - Any bicycle collision which occurred at an intersection and the motorist disregarded a stop & go light or warning signal. Washington State Patrol junction relationship code 1 and driver contributing circumstances code 11 or 13.

Type 7m: Motorist Fails to Yield Right of Way - Any bicycle collision which occurred at an intersection and the motorist did not grant the right of way to the bicyclist. Washington State Patrol junction relationship code 1 and driver contributing circumstances code 22.

Type 8m: Motorist Makes Improper Turn - Any bicycle collision which occurred at an intersection and the motorist failed to make a proper turn. Washington State Patrol junction relationship code 1 and driver contributing circumstances code 10.

Type Bx: Inadequate Information - Any remaining bicycle collision which occurred at an intersection that was not captured in a previous COLLISION GROUP B subcategory.

Collision Group C: Motor Vehicle Enters/Leaves Roadway at Midblock

Type 11: Backing From Driveway - Any bicycle collision that did not occur at an intersection and the motorist is in the process of backing the vehicle from a driveway or alley. Washington State Patrol junction relationship code 3 and vehicle action code 15 or location character code 2.

Collision Group D: Bicyclist Hit From Behind by Motor Vehicle

Type 13a: Motorist/Bicyclist Going Straight - Any bicycle collision that did not occur at an intersection and the motorist was driving straight with the bicyclist moving with traffic. Washington State Patrol junction relationship codes 2-7 and vehicle action code 1 and pedalcyclist action code 44.

Type 13/14/16/17: Motorist Passing - Any bicycle collision that did not occur at an intersection and the motorist attempts to overtake and pass the bicyclist. Washington State Patrol junction relationship codes 2-7 and vehicle action code 2 and pedalcyclist action code 44.

Type 15: Motorist Following too Closely - Any bicycle collision that involved the motorist following the bicyclist too closely. Washington State Patrol driver contributing circumstances code 7.

Collision Group E: Bicyclist Turning/Swerving

Any bicycle collision that did not occur at an intersection and the bicyclist, whether traveling in the same direction or not, turned into the path of the motorist. Washington State Patrol junction relationship codes 2-7 and pedalcyclist action codes 47 or 48.

Collision Group F: Motor Vehicle Turning, Bicyclist Not

Any bicycle collision that did not occur at an intersection and the motorist was making a left, right or u-turn while the bicyclist was not turning. Washington State Patrol junction relationship codes 2-7 and vehicle action codes 3-5 or 20 and pedalcyclist action codes 40, 44, 46 or 49.

Collision Group G: Other

Type 26: Bicyclist Going Wrong Way - Any bicycle collision that involved a bicyclist traveling against traffic. Washington State Patrol pedalcyclist action code 45 or pedalcyclist contributing circumstances code 5.

Type 28: Motor Vehicle Going Wrong Way - Any bicycle collision that involved a motorist traveling the wrong way on a divided highway, ramp or one-way street/road. Washington State Patrol vehicle action codes 16 to 18.

Type 35: Motor Vehicle Leaves Parked Position - Any bicycle collision that involved a motorist starting from a parked position. Washington State Patrol vehicle action code 11.

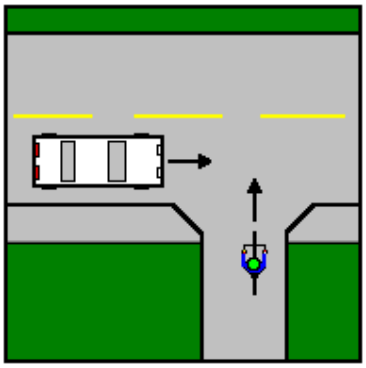
Type 36: Bicyclist Hits Slowing or Stopped Motor Vehicle - Any bicycle collision that involved a motorist either slowing, stopped for traffic or traffic signal, an occupied or unoccupied legally parked vehicle or an occupied or unoccupied illegally parked vehicle. Washington State Patrol vehicle action codes 6 to 9, 13, 14, 21, or 22.

Type 38b: Miscellaneous - Any remaining bicycle collision that did not occur at an intersection and was not captured in a previous COLLISION GROUP.

APPENDIX C

Modified Cross-Fisher Classification of Bicycle/Motor Vehicle Collisions
Used by the Washington State Department of Transportation

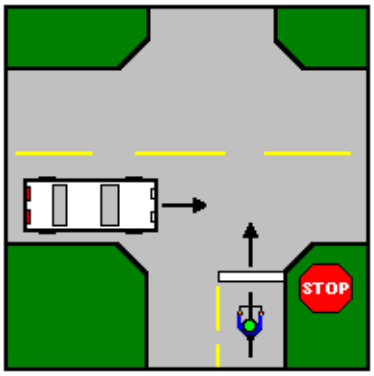
Class A: ***Bicycle ride-out from driveway, alley and other midblock locations.***



Type 1 - 3: Rideout from driveway or alley

Class A

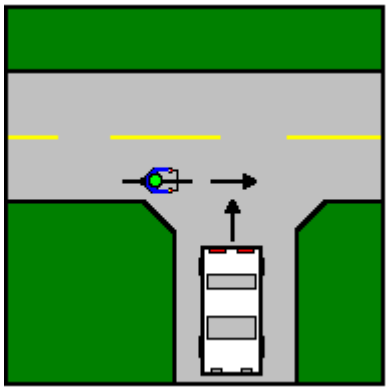
Class B: ***Collisions at controlled intersection***



Type 5b/6b: Bicyclist disregards sign or signal
Type 7b: Bicyclist fails to yeild
Type 8b: Bicyclist turning
Type Bb: Bicyclist crossing or entering
Type 5m: Motorist disregards sign
Type 6m: Motorist disregards signal
Type 7m: Motorist fails to yield
Type 8m: Motorist turning
Type Bx: Inadequate information

Class B

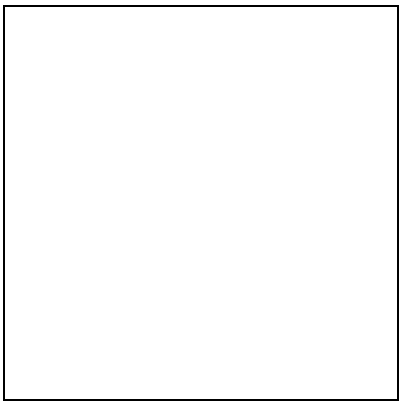
Class C: ***Collisions at Driveways and Alleys***



Class C: Backing from driveway

Class C

Class D: ***Motorist overtaking***



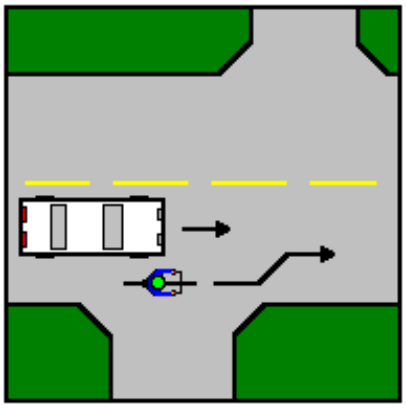
Type 13a: Motorist/cyclist going straight

Type 14/16/17: Motorist passing cyclist

Type 15: Motorist following too closely

Class D

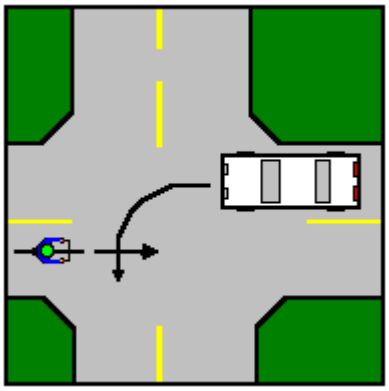
Class E: ***Bicyclist unexpected turn/swerve***



Class E: Bicyclist turning or swerving

Class E

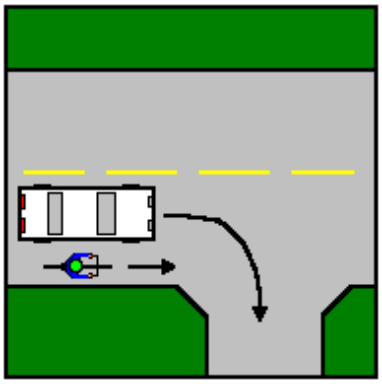
Class F: ***Motorist turning, cyclist not***



Class F: Motorist turning, cyclist not

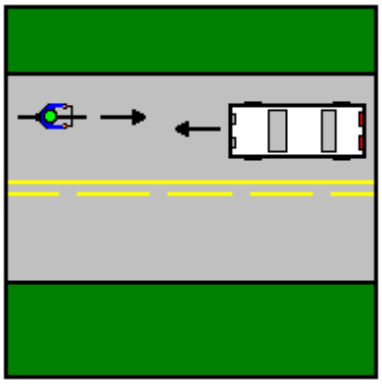
Class F

Class F: ***Motorist unexpected turn (continued)***



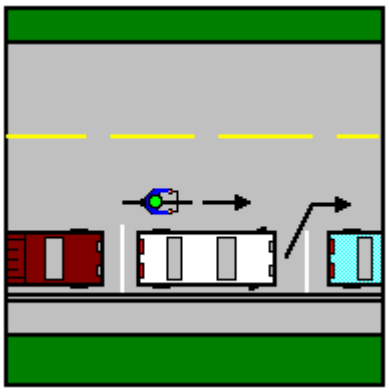
Class F

Class G: ***Other***



Type 26: Vehicle collide head-on, wrong way bicyclist
Type 35: Motorist drive out from on-street parking
Type 36: Cyclist strikes slowed or stopped vehicle
Type 38b: Miscellaneous

Class G-26

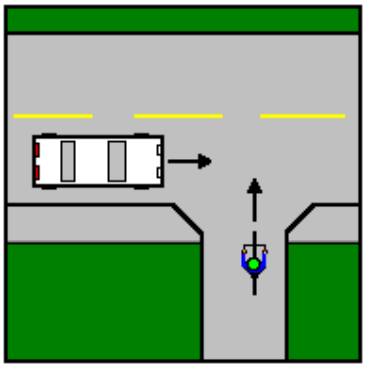


Class G-35

APPENDIX D

Cross-Fisher Classification of Bicycle/Motor Vehicle Collisions

Class A: ***Bicycle ride-out from driveway, alley and other midblock locations.***



Type 1: Residential driveway ride-out

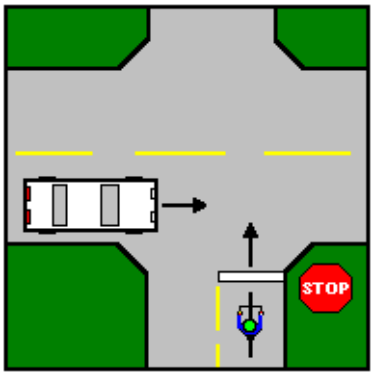
Type 2: Commercial driveway ride-out

Type 3: Parallel direction driveway ride-out

Type 4: Ride-out over shoulder or curb

Class A-1

Class B: ***Bicycle ride-out at controlled intersection***



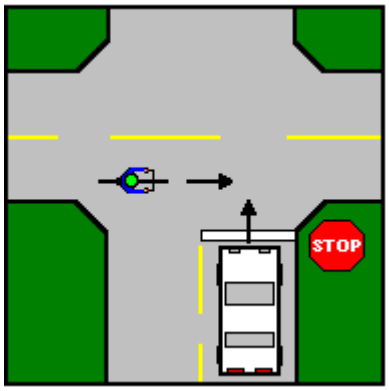
Type 5: Stop sign or yield sign

Type 6: Signal phase change; cyclist caught in intersection

Type 7: Ride-out at signal; multiple threat

Class B-5

Class C: ***Motorist turn/merge/drive through/driveout***



Type 8: Motorist driveout from commercial driveway/alley

Type 9: Motorist failure to yield at stop of yield sign

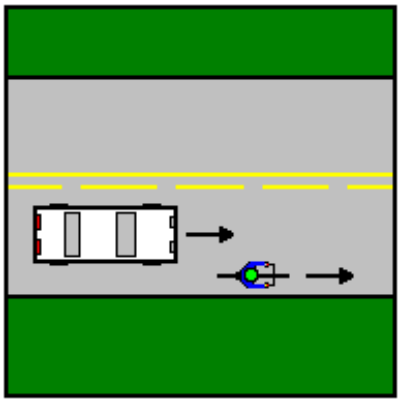
Type 10: Motorist failure to yield at signal

Type 11: Motorist backing from driveway

Type 12: Motorist did not slow for sign or signal

Class C-9

Class D: ***Motorist overtaking***



Type 13: Motorist overtaking/cyclist not seen

Type 14: Motorist overtaking/out of control

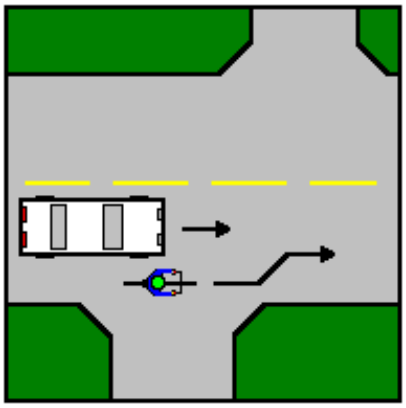
Type 15: Motorist overtaking/counteractive evasive action

Type 16: Motorist overtaking/misjudged space required to pass

Type 17: Motorist overtaking/cyclist's path obstructed type unknown

Class D

Class E: ***Bicyclist unexpected turn/swerve***



Type 18: Bicyclist unexpected left turn; parallel paths; same directions

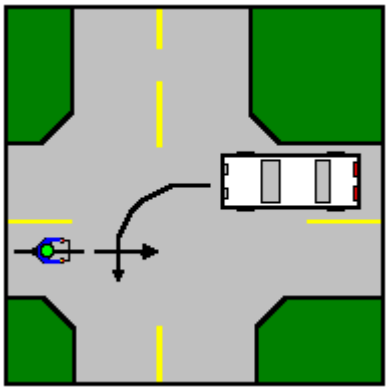
Type 19: Bicyclist unexpected left turn; parallel paths; opposite directions

Type 20: Bicyclist unexpected swerve left; parallel paths; same direction

Type 21: Bicyclist unexpected swerve left; parallel paths

Class E-20

Class F: ***Motorist unexpected turn***



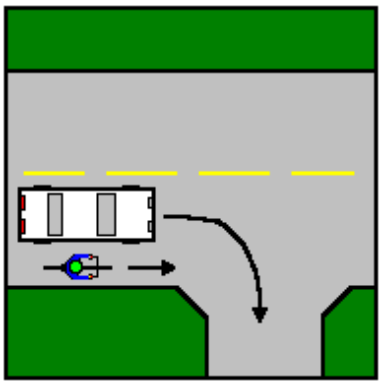
Type 22: Motorist unexpected left turn; parallel paths; same direction

Type 23: Motorist unexpected left turn; parallel paths opposite direction

Type 24: Motorist unexpected right turn; parallel paths

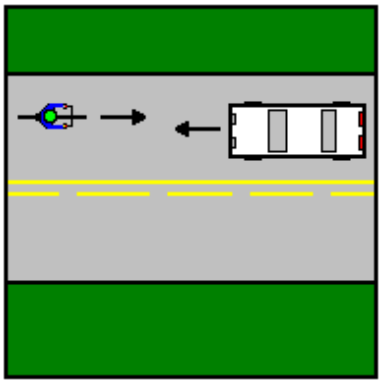
Class F-23

Class F: ***Motorist unexpected turn (continued)***



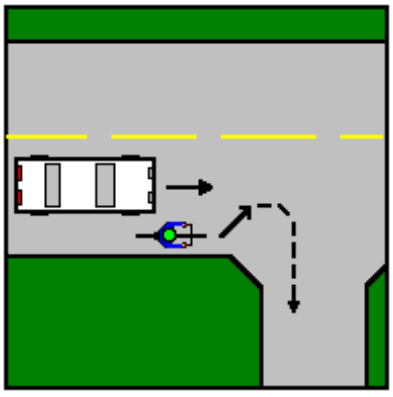
Class F-24

Class G: ***Other***



Type 25: Vehicles collide at uncontrolled intersection; orthogonal paths
Type 26: Vehicle collide head-on, wrong way bicyclist
Type 27: Bicyclist overtaking
Type 28: Head-on; wrong way motorist
Type 29: Parking lot

Class G-26



Type 30: Head-on; counteractive evasive action
Type 31: Bicyclist cuts corner when turning left
Type 32: Bicyclist swings wide when turning right
Type 33: Motorist cuts corner when turning left
Type 34: Motorist swings wide when turning right
Type 35: Motorist drive out from on-street parking
Type 36: Unclear

Class G-32

APPENDIX E

Helmet Laws in Washington State

Jurisdiction	1996 Population	Effective	Applies to	Infraction Type/Fine
All jurisdictions in King County except Seattle	1,094,100	Mar. 3, 1993	All ages	Civil - $30 per instance
Port Angeles	18,790	May 23, 1993	All ages	Civil - $15 per instance
Puyallup	28,660	June 25, 1994	All ages	Traffic - not to exceed $25
Tacoma	185,000	June 7, 1994	All ages	Civil - not to exceed $25
Pierce County - Unincorporated	295,553	Sept. 1, 1994	All ages	Traffic - not to exceed $25
Steilacoom	6,135	Feb. 21, 1995	All ages	Civil - not to exceed $25
Poulsbo	6,070	Dec. 11, 1995	Under 18	Civil - not to exceed $25
Fircrest	5,445	Mar. 3, 1996	All ages	Traffic - not to exceed $25
University Place	28,751	July 8, 1996	All ages	Traffic - not to exceed $25 effective Jan. 1, 1997
Eatonville	1,680	Sept. 2, 1996	Under 16	Civil - not to exceed $25
Gig Harbor	4,110	Sept. 23, 1996	All ages	Traffic - not to exceed $25
All Military Installations			All ages	
Total	1,674,294			
State Population	5,516,800			

As of 1996, 30.3 percent of the State's population resided in jurisdictions that have adopted helmet laws.
This percentage is equivalent to all residents under the age of 19.

APPENDIX F

Observational Survey of Bicycle Helmet Use - 1996

The Washington Traffic Safety Commission conducted its third statewide observational survey of bicycle helmet usage in June 1996. The data elements collected by observers included age, gender, race, area type, and type of street, as well as use and nonuse of bicycle helmets.

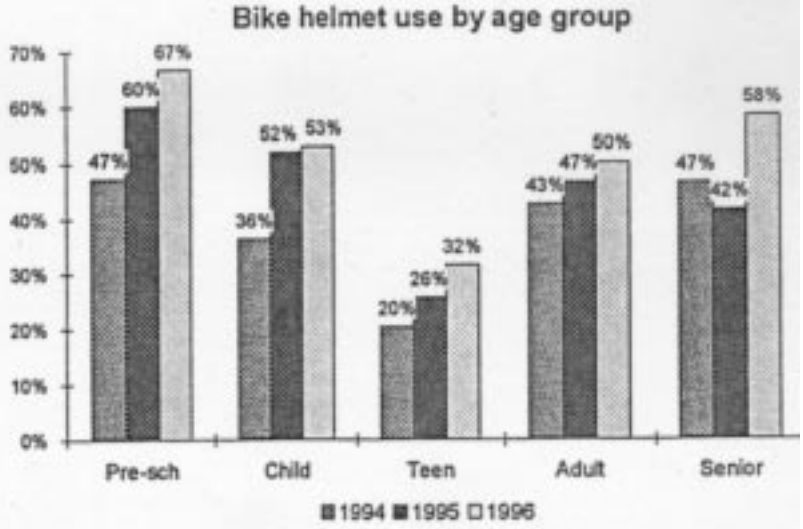
Surveys were conducted in urban locations in 15 counties across the state. In each county six locations were observed for one hour each. The largest cities in Eastern and Western Washington were included in the sample.

Areas observed included bike trails, parks, businesses, colleges, and high-, medium- and low-economic residential areas.

A total of 2,219 observations were recorded. Overall, bicycle helmet use has increased from 39.5% in 1994 to 44.9% in 1995 and to 47.1% in 1996.

OVERALL RATE*	47.1%	SEX	
		Female	52.1%
BIKEWAY TYPE		Male	44.8%
Bike lane	64.6%		
Street w/bike lane	40.6%	AGE	
Street	38.6%	Pre-sch	66.7%
Other**	28.3%	Child	52.8%
		Teen	31.5%
AREA TYPE		Adult	50.1%
Bike trail	67.4%	Senior	58.3%
Business	42.7%		
Park	40.4%	RACE	
College	27.0%	White	49.7%
		Asian	24.4%
Resident (high econ)	43.8%	Black	21.4%
Resident (mid econ)	34.3%	Hispanic	21.0%
Resident (low econ)	35.7%	Other	40.0%

*Total observations =2,219.
**Parking lot, grassy area, off road, etc.



Bicycle helmet laws

The following jurisdictions have enacted bicycle helmet laws which were in effect prior to 10/1/96.
All cities in King County (with the exception of Seattle), the cities of Port Angeles, Puyallup, Tacoma, Steilacoom, Poulsbo (under age 18), Fircrest, University Place, Etonville (under age 16), and Gig Harbor. County ordinances are in effect in King County and Pierce County.

For more information contact the Washington Traffic Safety Commission
1000 S. Cherry Street, P.O. Box 40944, Olympia, WA 98504-0944, (360) 753-6197, fax (360) 586-6489

Table 7-4: Observed bicycle helmet use rates
Three-year comparison

	1996	1995	1994
Overall	47.1%	44.9%	39.5%
Bike lane*	64.6%	61.3%	49.2%
Street w/bike lane	40.6%	44.8%	42.3%
Street	38.6%	43.2%	41.9%
Other +	28.3%	37.8%	29.0%
Bike trail**	67.4%	62.2%	47.8%
Park	40.4%	51.4%	46.6%
Business	42.7%	42.5%	44.2%
School	------	54.7%	41.2%
College	27.0%	33.2%	32.7%
Resid (high econ)	43.8%	22.1%	31.4%
Resid (mid econ)	34.3%	43.2%	40.0%
Resid (low econ)	35.7%	25.0%	21.6%

	1996	1995	1994
Female	52.1%	51.4%	43.2%
Male	44.8%	42.7%	38.2%
Pre- sch	66.7%	60.0%	47.3%
Child	52.8%	51.9%	36.3%
Teen	31.5%	25.7%	20.4%
Adult	50.1%	46.7%	42.7%
Senior	58.3%	41.7%	46.5%
Asian	24.4%	55.8%	42.0%
White	49.7%	46.0%	41.8%
Black	21.4%	37.3%	35.2%
Hispanic	21.0%	18.5%	7.9%
Other	40.0%	33.3%	9.1%

Source: WTSC

* An area of a roadway specifically designated for bicyclists.

+ Parking lot, grassy area, off road, etc.

** A path separate from a roadway that is designated for bicyclists and pedestrians.

APPENDIX G

1995

Traffic Collisions in Washington State

Data Summary &
Highway
Safety
Problem
Analysis

August, 1996

WASHINGTON TRAFFIC
SAFETY COMMISSION

1000 S. Cherry Street
P.O. Box 40944
Olympia, WA 98504-0944

(360) 753-6197 (FAX 586-6489)

VII. Bicyclists

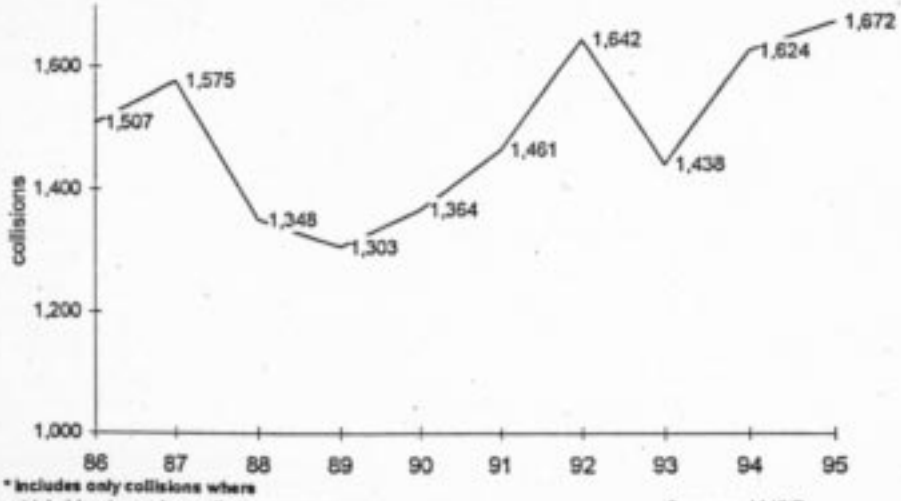
In 1995, traffic collisions involving bicyclists increased 2.5 percent over the previous year. There were 13 bicyclists killed and 1,656 bicyclists injured in collisions with motor vehicles in 1995. Bicyclist serious injuries have shown a steady decline over the past five years (Table 7-1). Total vehicle-bicyclist collisions reached a 10-year high in 1995 (Figure 7-1).

Table 7-1: Bicyclists killed & injured in traffic collisions
Five-year comparison

	1995	1994	1993	1992	1991	'95 chg from prev year	'91 - '94 avg yearly change
Collisions inv bicyclists	1,677	1,636	1,443	1,649	1,465	2.5%	4.5%
Bicyclists killed	13	14	8	9	5	-7.1%	48.0%
% of all killed	2.0%	2.2%	1.2%	1.4%	0.7%	-9.3%	52.5%
Bicyclists injured	1,656	1,607	1,430	1,622	1,463	3.0%	3.8%
Serious injuries	187	195	202	224	226	-4.1%	-4.7%
Evident injuries	1,102	1,063	889	1,052	909	3.7%	6.6%
Possible injuries	367	349	339	346	328	5.2%	2.1%
Urban*injured	1,239	1,208	1,095	1,208	1,045	2.6%	5.5%
Urban killed	7	1	4	4	1	600.0%	75.0%
Rural*injured	417	399	335	414	418	4.5%	-0.3%
Rural killed	6	13	4	5	4	-53.8%	76.7%

*Urban =Cities with population of 2,500 and greater
Rural =Unincorporated or cities with population less than 2,500.
Source:WSP

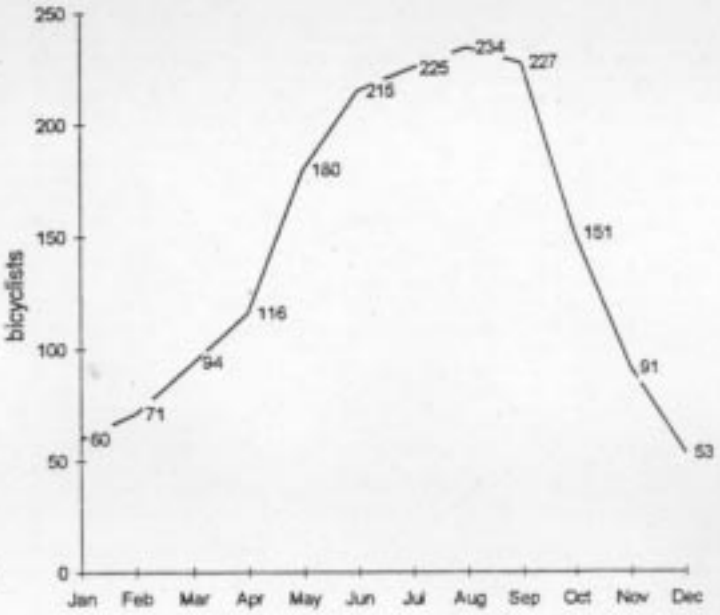
Figure 7-1:
Vehicle-bicyclist collisions*
Ten-year comparison



* Includes only collisions where vehicle-bicycle crash was first occurrence.
Source: WSP

The months of June, July, August and September recorded the highest numbers of bicyclists involved in traffic collisions during 1995. December recorded the least number with 53, and August recorded the most with 234 (Figure 7-2).

Figure 7-2:
Bicyclists involved in traffic collisions
By month - 1995



Source: WSP

Ages of bicyclists involved

In 1995, the age group with the highest rate of bicyclists involved in traffic collisions was the 10 to 14 group, with 11.8 bicyclists involved per 10,000 population. (Table 7-2).

Table 7-2: Bicyclists involved in motor vehicle collisions
By age group - 1995

	population*	killed	serious injury	evident injury	possible injury	bicyclists involved	rate**
0-4	411,410	0	4	9	3	20	0.5
5-9	422,693	1	27	135	32	198	4.7
10-14	403,225	3	61	324	76	476	11.8
15-19	359,477	3	26	159	66	260	7.2
20-24	345,425	1	12	119	39	175	5.1
25-34	846,132	2	35	163	66	274	3.2
35-44	934,076	2	10	98	49	159	1.7
45-54	673,743	0	8	44	11	63	0.9
55-64	406,063	1	3	13	3	20	0.5
65-74	349,414	0	1	4	0	5	0.1
75 & Older	278,242	0	0	1	0	1	0.0
Age not stated	------	0	0	33	22	66	------
Males	2,700,401	12	155	869	289	1,366	5.1
Females	2,729,499	1	32	231	77	346	1.3
Sex not stated	------	0	0	2	1	5	------
Total	5,429,900	13	187	1,102	367	1,717	3.2

* 1995 population by age (breakdown done biannually by OFM). Source: WSP, OFM

** Bicyclists involved in traffic collisions per 10,000 population.

Bicyclist actions associated with the most deaths and injuries was "crossing/entering traffic" with 3 killed and 689 injuries, followed by "riding with traffic" with 3 killed and 534 injuries (Table 7-3).

Table 7-3: Actions of bicyclists killed & injured
By severity - 1995

	killed	serious injury	evident injury	possible injury	total killed/inj	pct killed
Crossing/entering traffic	3	67	453	166	689	0.4%
Riding with traffic	3	62	360	109	534	0.6%
Riding against traffic	1	20	130	51	202	0.5%
Turned into vehicle path - same dir	3	18	69	15	105	2.9%
Turned into vehicle path - opp dir	2	14	62	14	92	2.2%
Crossing diagonally	0	2	14	8	24	0.0%
Fell into vehicle path	1	3	7	1	12	8.3%
Other & not stated	0	1	7	3	11	0.0%
Total	13	187	1,102	367	1,669	0.8%

Source: WSP

Bicycle Helmet Use

A second annual statewide observational survey of bicycle helmet usage was conducted by the WTSC in 1995. The overall statewide rate for bicycle helmet use was 44.9 percent, up from 39.5 percent in 1994. By age group, the highest use rate was for preschool children and the lowest was for teens. Females showed a higher rate of use than males (Table 7-4).

Table 7-4: Observed bicycle helmet use rates
Two-year comparison

	1995	1994		1995	1994
Overall	44.9%	39.5%	Female	51.4%	43.2%
			Male	42.7%	38.2%
Bike lane*	61.3%	49.2%			
Street w/bike lane	44.8%	42.3%	Pre-sch	60.0%	47.3%
Street	43.2%	41.9%	Child	51.9%	36.3%
Other	37.8%	29.0%	Teen	25.7%	20.4%
			Adult	46.7%	42.7%
Bike trail**	62.2%	47.8%	Senior	41.7%	46.5%
Park	51.4%	46.6%			
Business	42.5%	44.2%	Asian	55.8%	42.0%
School	54.7%	41.2%	White	46.0%	41.8%
College	33.2%	32.7%	Black	37.3%	35.2%
Resid (high econ)	22.1%	31.4%	Hispanic	18.5%	7.9%
Resid (mid econ)	43.2%	40.0%	Other	33.3%	9.1%
Resid (low econ)	25.0%	21.6%			

Source: WTSC

* An area of a roadway specifically designated for bicyclists.
** A path separate from a roadway that is designated for bicyclists and pedestrians.

Table 7-5: Bicyclists in traffic collisions
By county - 1995

county	population	killed	serious injury	evident injury	possible injury	total injured	collisions	collision rate*
Over 1,000,000								
King	1,613,600	3	63	415	163	641	657	4.07
250,000 to 750,000								
Pierce	660,200	1	21	110	35	166	165	2.50
Snohomish	525,600	1	16	92	27	135	134	2.55
Spokane	401,200	1	22	99	27	148	146	3.64
Clark	291,000	1	8	56	19	83	83	2.85
100,000 to 250,000								
Kitsap	220,600	0	11	34	16	61	61	2.77
Yakima	204,100	1	6	30	8	44	45	2.20
Thurston	189,200	1	6	47	13	66	65	3.44
Whatcom	148,300	0	5	30	10	45	46	3.10
Benton	131,000	0	4	21	4	29	28	2.14
50,000 to 100,000								
Skagit	93,100	0	1	13	4	18	19	2.04
Cowlitz	89,400	1	5	28	7	40	43	4.81
Grays Harbor	67,700	0	1	18	5	24	24	3.55
Island	68,900	0	2	2	4	8	8	1.16
Lewis	65,500	1	5	19	4	28	27	4.12
Clallam	63,600	0	0	9	3	12	13	2.04
Grant	64,500	1	4	10	2	16	18	2.79
Chelan	60,000	0	1	11	3	15	15	2.50
Walla Walla	52,700	0	0	6	1	7	7	1.33
25,000 to 50,000								
Mason	45,300	0	0	3	1	4	4	0.88
Franklin	44,000	0	0	2	0	2	2	0.45
Whitman	40,500	0	0	9	2	11	13	3.21
Okanogan	36,900	0	0	6	0	6	6	1.63
Stevens	35,400	0	1	2	0	3	3	0.85
Kittitas	30,100	0	0	11	5	16	16	5.32
Douglas	29,600	0	0	4	0	4	4	1.35
10,000 to 25,000								
Jefferson	25,100	0	0	2	1	3	3	1.20
Pacific	20,800	0	1	4	1	6	6	2.88
Asotin	19,100	0	1	2	0	3	3	1.57
Klickitat	18,100	0	0	3	1	4	4	2.21
Adams	15,200	0	1	1	0	2	2	1.32
San Juan	12,300	0	1	1	0	2	2	1.63
Pend Oreille	10,700	0	0	0	0	0	0	0.00
Under 10,000								
Lincoln	9,700	0	1	0	0	1	1	1.03
Skamania	9,550	0	0	0	1	1	1	1.05
Ferry	7,100	0	0	0	0	0	0	0.00
Columbia	4,200	0	0	1	0	1	1	2.38
Wahkiakum	3,700	1	0	0	0	0	1	2.70
Garfield	2,350	0	0	1	0	1	1	4.26
Total	5,429,900	13	187	1,102	367	1,656	1,677	3.09

*Motor-vehicle--bicycle collisions per 10,000 population

Source: WSP, OFM

Table 7-6: Traffic collisions involving bicyclists
Cities 10,000 population & greater - 1995

city	population	killed	injured	collisions	rate*
250,000 and over					
Seattle	532,900	1	344	354	6.64
100,000 to 250,000					
Spokane	188,800	1	148	145	7.68
Tacoma	184,500	0	78	75	4.07
Bellevue	102,000	0	31	31	3.04
50,000 to 100,000					
Everett	79,180	1	37	38	4.80
Federal Way	74,290	0	20	19	2.56
Vancouver	65,360	0	33	34	5.20
Yakima	60,850	0	32	31	5.09
Bellingham	57,830	0	34	35	6.05
25,000 to 50,000					
Kennewick	48,130	0	10	10	2.08
Renton	44,890	0	8	8	1.78
Kirkland	44,620	0	10	10	2.24
Kent	42,350	0	28	29	6.85
Redmond	40,030	0	20	20	5.00
Olympia	39,610	1	67	65	16.41
Bremerton	37,170	0	22	22	5.92
Richland	36,270	0	14	14	3.86
Auburn	35,230	0	30	31	8.80
Longview	33,480	0	16	16	4.78
Lynnwood	31,950	0	16	15	4.69
Edmonds	31,320	0	11	11	3.51
Walla Walla	28,870	0	7	7	2.42
Burien	27,680	0	10	10	3.61
Puyallup	27,250	0	14	16	5.87
Bothell	25,850	0	9	9	3.48
Lacey	25,110	0	9	9	3.58
15,000 to 25,000					
Pullman	24,360	0	7	8	3.28
Wenatchee	24,180	0	11	11	4.55
Sea Tac	22,910	0	8	8	3.49
Pasco	22,500	0	1	1	0.44
Mount Vernon	21,580	0	7	7	3.24
Des Moines	21,450	0	5	5	2.33
Mercer Island	21,290	0	8	8	3.76
Mountlake Terrace	20,050	0	1	1	0.50
Oak Harbor	19,160	0	5	5	2.61
Port Angeles	18,540	0	9	10	5.39
Bainbridge Island	17,910	0	6	6	3.35
Marysville	16,890	0	8	8	4.74
Aberdeen	16,700	0	10	10	5.99
10,000 to 15,000					
Mukilteo	14,760	0	5	5	3.39
Tukwila	14,750	1	4	5	3.39
Ellensburg	12,990	0	12	11	8.47
Anacortes	12,820	0	4	4	3.12
Centralia	12,730	1	8	8	6.28
Moses Lake	12,490	1	8	10	8.01
Kelso	11,870	0	18	20	16.85
Sunnyside	11,710	0	2	2	1.71
Tumwater	11,420	0	7	7	6.13
Enumclaw	10,170	0	2	2	1.97
TOTAL	2,338,750	7	1,205	1,217	5.20

*Collisions involving bicyclists per 10,000 pop. Source: WSP, OFM