



**ARIZONA DEPARTMENT OF TRANSPORTATION**

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# **PEDESTRIAN ACCIDENTS IN ARIZONA: AN INVESTIGATION OF CAUSATIVE FACTORS AND RECOMMENDATIONS FOR SAFETY IMPROVEMENTS**

**Final Report  
Volume II**

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16. Abstract <p>This research investigated the causes of pedestrian accidents in Arizona to discover why Arizona's pedestrian accident rate is higher than the national average.</p> <p>All pedestrian accidents for 1981, 1982, and 1983 that were computerized in the state accident report system were examined. All accidents (37,784) that could be located (2.6% could not be located) were plotted by location and reported cause. Accident rates for urban areas were higher than for rural areas. The only identified pattern was that urban accidents and fatalities tend to occur on wide, high speed arterial streets. Causes of approximately 50% of all accidents were failure to yield by motorist or pedestrian and not using a crosswalk.</p> <p>It was concluded that there are no engineering countermeasures that would be useful. Education of the public, particularly children under 14 years of age seems to be the only useful countermeasure.</p> <p>Arizona is heavily urbanized with very little rural population to offset the larger than average rate. The Indian reservations are similar to the rural counties and do not contribute to the high rate, although the rate on Indian reservations is higher than that of the rural counties.</p> <p>Volume I, 67 pages, contains the text and summary figures relevant to the discussion of the results of the research. Volume II contains the appendices.</p>					
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Volume I

TABLE OF CONTENTS

	<u>Page Number</u>
INTRODUCTION .....	1
Scope and Objectives .....	3
METHOD OF STUDY .....	5
DATA COLLECTION .....	8
DATA ANALYSIS .....	11
REVIEW OF LITERATURE ON CURRENT RESEARCH ON	
PEDESTRIAN ACCIDENT CAUSATION AND COUNTERMEASURES ...	21
Analysis of Causes of Pedestrian Accidents .....	21
Child Pedestrian Accidents .....	26
Pedestrian Behavior .....	30
Vehicle Actions .....	32
Countermeasures .....	34
CONCLUSIONS .....	38
COUNTERMEASURES AND RECOMMENDATIONS .....	44
FURTHER RESEARCH .....	48
LIST OF REFERENCES .....	49

LIST OF FIGURES

<u>Figure Number</u>	<u>Description</u>	<u>Page Number</u>
1	Standard Accident Report Form - Side 1 .....	6
2	Police Accident Report Form - Side 2 .....	7
3	Typical Pedestrian Accident Map for Urban Areas City of Yuma 1981-1983 .....	13
4	Pedestrian Accident Map Portion of City of Phoenix 1981 .....	14
5	Pedestrian Accident Map Phoenix 1981, 1982 .....	15
6	Pedestrian Accident Map Phoenix 1981, 1982, 1983 .....	16
7	Example of Typical County Accident Experience Pinal County Accident Map 1981-1983 .....	17
8	Typical Accident Mapping - Indian Reservation Navajo Reservation - Northern Portion of Apache and Navajo Counties .....	18
9	Accident Rate/10,000 Population vs Counties by Size of Metropolitan Area .....	43
10	Coding Form for Pedestrian Accidents (Knoblauch, TRR 629) .....	46
11	Coding Form for Pedestrian Accidents (Knoblauch, TRR 629) .....	47

LIST OF TABLES

<u>Table Number</u>	<u>Description</u>	<u>Page Number</u>
1	Number of Accidents Not Located .....	8
2	Coding Key - Behavior Cause Categories .....	9
3	Child Pedestrian Actions by Age .....	28
4	Pedestrian Actions Preceding Accident (Source 49) ..	30
5	Pedestrian Actions (per Knoblauch, et al) .....	31
6	Increase in Pedestrian Accidents Due to Right Turn on Red .....	32
7	Accident Summary for Intersection of Santa Fe and San Francisco Streets, Flagstaff .....	40

Volume II

TABLE OF CONTENTS

APPENDIX A PEDESTRIAN ACCIDENT DATA FOR CITIES ..... A-1  
APPENDIX B PEDESTRIAN ACCIDENT DATA FOR COUNTIES ..... B-1  
APPENDIX C PEDESTRIAN ACCIDENT DATA FOR INDIAN  
RESERVATIONS ..... C-1  
APPENDIX D STATEWIDE PEDESTRIAN ACCIDENT SUMMARIES ..... D-1

LIST OF TABLES

<u>Table Number</u>	<u>Description</u>	<u>Page Number</u>
8	Chandler Accident Summary .....	A-1
9	Flagstaff Accident Summary .....	A-2
10	Glendale Accident Summary .....	A-3
11	Mesa Accident Summary .....	A-4
12	Phoenix Accident Summary .....	A-5
13	Accident Summary: 7th St. - 15th Ave./McDowell Road - Buckeye Road, City of Phoenix .....	A-6
14	Prescott Accident Summary .....	A-7
15	Scottsdale Accident Summary .....	A-8
16	Sierra Vista Accident Summary .....	A-9
17	Sun City Accident Summary .....	A-10
17B	Tempe Accident Summary .....	A-11
18	South Tucson Accident Summary .....	A-12



19	Tucson Accident Summary.....	A-13
20	Yuma Accident Summary.....	A-14
21	Percentage of Fatal Accidents on Arterial Streets.	
22	Age Groups. Urban Areas 1981.....	A-15
23	Age Groups. Urban Areas 1982.....	A-16
24	Age Groups. Urban Areas 1983.....	A-17
25	Accidents by Behavior Cause Categories. Chandler.	A-18
26	Accidents by Behavior Cause Categories. Flagstaff	A-19
27	Accidents by Behavior Cause Categories. Glendale.	A-20
28	Accidents by Behavior Cause Categories. Mesa.....	A-21
29	Accidents by Behavior Cause Categories. Phoenix..	A-22
30	Accidents by Behavior Cause Categories. Prescott.	A-23
31	Accidents by Behavior Cause Categories. Scottsdale	A-24
32	Accidents by Behavior Cause Categories.Sierra Vista	A-25
33	Accidents by Behavior Cause Categories. S. Tucson	A-26
34	Accidents by Behavior Cause Categories. Sun City.	A-27
35	Accidents by Behavior Cause Categories. Tempe....	A-28
36	Accidents by Behavior Cause Categories. Tucson...	A-29
37	Accidents by Behavior Cause Categories. Yuma.....	A-30
38	Apache County Accident Summary.....	B-1
39	Cochise County Accident Summary.....	B-2
40	Coconino County Accident Summary.....	B-3
41	Gila County Accident Summary.....	B-4
42	Graham County Accident Summary.....	B-5
43	Greenlee County Accident Summary.....	B-6
44	La Paz Accident Summary.....	B-7
45	Maricopa County Accident Summary.....	B-8

46	Mohave County Accident Summary.....	B-9
47	Navajo County Accident Summary.....	B-10
48	Pima County Accident Summary.....	B-11
49	Pinal County Accident Summary.....	B-12
50	Santa Cruz Accident Summary.....	B-13
51	Yavapai County Accident Summary.....	B-14
52	Yuma County Accident Summary.....	B-15
53	Accident Rates per 10,000 by Age Group for Apache County.....	B-16
54	Accident Rates per 10,000 by Age Group for Cochise County.....	B-17
55	Accident Rates per 10,000 by Age Group for Coconino County.....	B-18
56	Accident Rates per 10,000 by Age Group for Gila County.....	B-19
57	Accident Rates per 10,000 by Age Group for Graham County.....	B-20
58	Accident Rates per 10,000 by Age Group for Greenlee County.....	B-21
59	Accident Rates per 10,000 by Age Group for La Paz County.....	B-22
60	Accident Rates per 10,000 by Age Group for Maricopa County.....	B-23
61	Accident Rates per 10,000 by Age Group for Maricopa County.....	B-24
62	Accident Rates per 10,000 by Age Group for Mohave County.....	B-25

63	Accident Rates per 10,000 by Age Group for Navajo County.....	B-26
64	Accident Rates per 10,000 by Age Group for Pima County.....	B-27
65	Accident Rates per 10,000 by Age Group for Pinal County.....	B-28
66	Accident Rates per 10,000 by Age Group for Santa Cruz County.....	B-29
67	Accident Rates per 10,000 by Age Group for Yavapai County.....	B-30
68	Accident Rates per 10,000 by Age Group for Yuma.....	B-31
69	Age Groups by County.....	B-32
70	Accident by Behavior Cause Categories. Apache County .....	B-35
71	Accident by Behavior Cause Categories. Cochise County .....	B-36
72	Accident by Behavior Cause Categories. Coconino County .....	B-37
73	Accident by Behavior Cause Categories. Gila County .....	B-38
74	Accident by Behavior Cause Categories. Graham County .....	B-39
75	Accident by Behavior Cause Categories. Greenlee County .....	B-40
76	Accident by Behavior Cause Categories. La Paz County .....	B-41

77	Accident by Behavior Cause Categories. Maricopa County .....	B-42
78	Accident by Behavior Cause Categories. Mohave County .....	B-43
79	Accident by Behavior Cause Categories. Navajo County .....	B-44
80	Accident by Behavior Cause Categories. Pima County .....	B-45
81	Accident by Behavior Cause Categories. Pinal County .....	B-46
82	Accident by Behavior Cause Categories. Santa Cruz County.....	B-47
83	Accident by Behavior Cause Categories. Yavapai County .....	B-48
84	Accident by Behavior Cause Categories. Yuma County .....	B-49
85	Fort Apache Reservation Accident Summary (Apache County).....	C-1
86	Gila River Reservation Accident Summary.....	C-2
87	Navajo Reservation Accident Summary (Apache County)C-3	
88	Navajo Reservation Accident Summary (Coconino County) .....	C-4
89	San Carlos Reservation Accident Summary.....	C-5
90	Salt River Reservation Accident Summary.....	C-6
91	Navajo Reservation Accident Summary (Navajo County)C-7	
92	Fort Apache Reservation Accident Summary (Navajo County).....	C-8

93 Hopi Reservation Accident Summary..... C-9  
94 Papago Reservation Accident Summary..... C-10  
95 San Xavier Reservation Accident Summary..... C-11  
96 Gila River Reservation Accident Summary (Pinal County)  
..... C-12  
97 Reservation Summation..... C-13  
98 Percentage of Each Cause..... D-1  
99 State Totals and Averages..... D-2

## SI (METRIC) UNIT CONVERSION FACTORS

The material contained in this report is presented in terms of English units. The following factors may be used to convert the measures used in this report to the International System of Units (SI):

1 mile per hour (mph) = 1.6093 kilometer per hour (kph)

1 kph = 0.6214 mph

1 foot = 0.3048 meter

1 meter = 3.2808 feet

YEAR	# OF ACCID.	# IN DAYLIGHT	% IN DAYLIGHT	# IN DARK, DAWN, DUSK	% IN DARK, DAWN, DUSK	# ON ARTERIAL	% ON ARTERIAL	# < 14 YEARS OLD	% < 14 YEARS OLD	# > 64 YEARS OLD	% > 64 YEARS OLD
1981	12	5	41.67	7	58.33	8	66.67	5	41.67	1	8.33
1982	13	6	46.15	7	53.85	8	61.5	5	38.46	0	0
1983	13	10	76.9	3	23.1	9	69.23	6	46.15	0	0
TOTAL	38	21	--	17	--	25	--	16	--	1	8.33
AVERAGE	12.67	7	54.9	5.67	45.1	8.33	65.8	5.33	40.38	.33	2.78

YEAR	# OF MIDBLOCK ACCID.	% OF TOTAL # OF ACCIDENTS	# ALCOHOL INVOLVED 1) DRIV.	% ALCOHOL INVOLVED 1) DRIVER	# ALCOHOL INVOLVED 2) PED	% ALCOHOL INVOLVED 2) PED	# UNKNOWN OR OTHER	% UN-KNOWN OR OTHER
1981	4	33.33	0	0	1	8.33	1	8.33
1982	4	30.77	0	0	4	30.77	0	0
1983	2	15.38	2	15.38	1	7.69	1	7.69

APPENDIX A  
PEDESTRIAN ACCIDENT DATA FOR CITIES

TABLE 8 CHANDLER ACCIDENT SUMMARY

YEAR	# OF ACCID.	# IN DAYLIGHT	% IN DAYLIGHT	# IN DARK, DAWN, DUSK	% IN DARK, DARK, DUSK	# ON ARTERIAL	% ON ARTERIAL	# < 14 YEARS OLD	% < 14 YEARS OLD	# > 64 YEARS OLD	% > 64 YEARS OLD
1981	23	14	60.87	9	39.13			4	17.39	1	4.35
1982	29	12	41.38	17	58.62			3	10.34	1	3.45
1983	24	8	33.33	16	66.67			2	8.33	0	0
TOTAL	76	34	--	42	--			9	--	2	--
AVERAGE	25.33	11.33	45.19	14	54.81			3	12.02	.67	2.6

YEAR	# OF MIDBLOCK ACCID.	% OF TOTAL # OF ACCIDENTS	# ALCOHOL INVOLVED 1) DRIV.	% ALCOHOL INVOLVED 1) DRIVER	# ALCOHOL INVOLVED 2) PED	% ALCOHOL INVOLVED 2) PED	# UNKNOWN OR OTHER	% UN-KNOWN OR OTHER
1981	5	21.74	0	0	9	39.13	4	17.39
1982	4	13.79	1	3.45	10	34.48	5	17.24
1983	4	16.67	4	16.67	7	29.17	6	25.0

TABLE 9 FLAGSTAFF ACCIDENT SUMMARY



YEAR	# OF ACCID.	# IN DAYLIGHT	% IN DAYLIGHT	# IN DARK, DAWN, DUSK	% IN DARK, DAWN, DUSK	# ON ARTERIAL	% ON ARTERIAL	# < 14 YEARS OLD	% < 14 YEARS OLD	# > 64 YEARS OLD	% > 64 YEARS OLD
1981	22	14	63.6	8	36.4	16	72.7	6	27.3	3	13.6
1982	28	20	71.4	8	28.6	19	67.9	16	57.1	3	10.7
1983	28	10	35.7	18	64.3	13	46.4	10	35.7	2	7.1
TOTAL	78	44	--	34	--	48	--	32	--	8	--
AVERAGE	26	14.7	56.9	11.33	43.1	16	62.3	10.7	40	2.7	13.1

YEAR	# OF MIDBLOCK ACCID.	% OF TOTAL # OF ACCIDENTS	# ALCOHOL INVOLVED 1) DRIV.	% ALCOHOL INVOLVED 1) DRIVER	# ALCOHOL INVOLVED 2) PED	% ALCOHOL INVOLVED 2) PED	# UNKNOWN OR OTHER	% UN-KNOWN OR OTHER
1981	9	40.91	1	4.55	0	0	2	9.09
1982	12	42.86	1	3.57	1	3.57	3	10.71
1983	7	25.0	2	7.14	3	10.71	4	14.29

TABLE 10 GLENDALE ACCIDENT SUMMARY

YEAR	# OF ACCID.	# IN DAYLIGHT	% IN DAYLIGHT	# IN DARK, DAWN, DUSK	% IN DARK, DAWN, DUSK	# ON ARTERIAL	% ON ARTERIAL	# < 14 YEARS OLD	% < 14 YEARS OLD	# > 64 YEARS OLD	% > 64 YEARS OLD
1981	53	29	54.7	24	45.3	32	60.4	20	37.73	10	18.9
1982	58	35	60.3	23	39.7	31	53.4	23	39.66	9	15.52
1983	65	44	67.7	21	32.3	42	64.6	33	50.77	7	10.77
TOTAL	176	108	--	68	--	105	--	76	--	26	--
AVERAGE	58.67	36	60.9	22.67	39.1	35	59.47	25.33	40.53	8.67	14.37

YEAR	# OF MIDBLOCK ACCID.	% OF TOTAL # OF ACCIDENTS	# ALCOHOL INVOLVED 1) DRIV.	% ALCOHOL INVOLVED 1) DRIVER	# ALCOHOL INVOLVED 2) PED	% ALCOHOL INVOLVED 2) PED	# UNKNOWN OR OTHER	% UNKNOWN OR OTHER
1981	20	37.74	4	7.55	4	7.55	8	15.09
1982	20	34.48	4	6.90	6	10.34	6	10.34
1983	20	30.77	4	6.15	1	1.54	3	4.62

TABLE 11 MESA ACCIDENT SUMMARY

YEAR	# OF ACCID.	# IN DAYLIGHT	% IN DAYLIGHT	# IN DARK, DAWN, DUSK	% IN DARK, DAWN, DUSK	# ON ARTERIAL	% ON ARTERIAL	# < 14 YEARS OLD	% < 14 YEARS OLD	# > 64 YEARS OLD	% > 64 YEARS OLD
1981	576	305	53	271	47	404	70.1	164	28.5	55	9.5
1982	483	274	56.7	209	43.3	345	71.4	143	29.6	37	7.7
1983	588	321	54.6	267	45.4	421	71.6	173	29.4	59	10.0
TOTAL	1647	900	--	747	--	1170	--	480	--	151	--
AVERAGE	549	300	54.8	249	45.2	390	71.0	160	29.2	50.3	9.1

YEAR	# OF MIDBLOCK ACCID.	% OF TOTAL # OF ACCIDENTS	# ALCOHOL INVOLVED 1) DRIV.	% ALCOHOL INVOLVED 1) DRIVER	# ALCOHOL INVOLVED 2) PED	% ALCOHOL INVOLVED 2) PED	# UNKNOW OR OTHER	% UNKNOW OR OTHER
1981	173	30.03	64	11.11	114	19.79	51	8.85
1982	132	27.33	27	5.59	90	18.63	42	8.70
1983	162	27.55	47	7.99	109	18.54	33	5.61

TABLE 12 PHOENIX ACCIDENT SUMMARY

YEAR	ACCID.	# ALCOHOL INVOLV-DR	# ALCOHOL INVOLV-PD	# IN DAYLIGHT	# IN DAWN, DRK	# MIDBLOCK	# 14*	# 64*
1981	75	7	20	40	35	13	9	5
1982	54	1	18	32	22	13	5	4
1983	56	8	15	26	30	9	12	7
Average:	61.67	5.33	17.67	32.67	29.0	11.67	8.67	5.33

\*

- 1) Most people injured seemed to be in the age group late teens, late forties.
- 2) Within this bracket the age group 25-35 seemed to be in majority.

TABLE 13 ACCIDENT SUMMARY: 7th St. - 15th Ave/ McDowell Road - Buckeye Road  
City of Phoenix

YEAR	# OF ACCID.	# IN DAYLIGHT	% IN DAYLIGHT	# IN DARK, DAWN, DUSK	% IN DARK, DAWN, DUSK	# ON ARTERIAL	% ON ARTERIAL	# < 14 YEARS OLD	% < 14 YEARS OLD	# > 64 YEARS OLD	% > 64 YEARS OLD
1981	10	7	70.0	3	30.0	8	80.0	1	10.0	2	20.0
1982	9	7	77.78	2	22.22	7	77.78	3	33.3	2	22.2
1983	16	7	43.75	9	56.25	11	68.75	3	18.75	3	18.75
TOTAL	35	21	--	14	--	26	--	7	--	7	--
AVERAGE	11.67	7	63.84	4.67	36.16	8.67	75.51	2.33	19.58	2.33	19.58

YEAR	# OF MIDBLOCK ACCID.	% OF TOTAL # OF ACCIDENTS	# ALCOHOL INVOLVED 1) DRIV.	% ALCOHOL INVOLVED 1) DRIVER	# ALCOHOL INVOLVED 2) PED	% ALCOHOL INVOLVED 2) PED	# UNKNOW OR OTHER	% UNKNOW OR OTHER
1981	4	40.0	1	10	1	10	0	0
1982	3	33.33	1	11.11	0	0	1	11.11
1983	2	12.5	0	0	3	18.75	2	12.5

TABLE 14 PRESCOTT ACCIDENT SUMMARY

YEAR	# OF ACCID.	# IN DAYLIGHT	% IN DAYLIGHT	# IN DARK, DAWN, DUSK	% IN DARK, DAWN, DUSK	# ON ARTERIAL	% ON ARTERIAL	# < 14 YEARS OLD	% < 14 YEARS OLD	# > 64 YEARS OLD	% > 64 YEARS OLD
1981	30	17	56.7	13	43.3	19	63.3	9	30.0	4	13.3
1982	24	15	62.5	9	37.5	17	70.8	7	29.2	3	12.5
1983	26	14	53.8	12	46.2	14	53.8	7	26.9	2	7.7
TOTAL	80	46	--	34	--	50	--	23	--	9	--
AVERAGE	26.67	15.33	57.67	11.33	42.33	16.67	62.63	7.67	25.83	3	9.93

YEAR	# OF MIDBLOCK ACCID.	% OF TOTAL # OF ACCIDENTS	# ALCOHOL INVOLVED 1) DRIV.	% ALCOHOL INVOLVED 1) DRIVER	# ALCOHOL INVOLVED 2) PED	% ALCOHOL INVOLVED 2) PED	# UNKNOW OR OTHER	% UNKNOW OR OTHER
1981	7	23.33	3	10.0	6	20.0	3	10.0
1982	8	33.33	3	12.5	4	16.67	3	12.5
1983	8	30.77	0	0	3	11.54	1	3.85

TABLE 15 SCOTTSDALE ACCIDENT SUMMARY

YEAR	# OF ACCID.	# IN DAYLIGHT	% IN DAYLIGHT	# IN DARK, DAWN, DUSK	% IN DARK, DAWN, DUSK	# ON ARTERIAL	% ON ARTERIAL	# < 14 YEARS OLD	% < 14 YEARS OLD	# > 64 YEARS OLD	% > 64 YEARS OLD
1981	1	1	100.0	0	--	1	100.0	0	--	0	--
1982	2	1	50.0	1	50.0	1	50.0	0	--	0	--
1983	7	5	71.43	2	28.57	5	71.43	2	28.57	0	--
TOTAL	10.0	7	--	3	--	0	--	2	--	0	--
AVERAGE	3.33	2.33	73.81	1	26.19	0	73.81	2/3	9.52	0	--

YEAR	# OF MIDBLOCK ACCID.	% OF TOTAL # OF ACCIDENTS	# ALCOHOL INVOLVED 1) DRIV.	% ALCOHOL INVOLVED 1) DRIVER	# ALCOHOL INVOLVED 2) PED	% ALCOHOL INVOLVED 2) PED	# UNKNOWN OR OTHER	% UN-KNOWN OR OTHER
1981	0	0	0	0	0	0	0	0
1982	1	50.0	0	0	1	50.0	1	50.0
1983	1	14.29	0	0	0	0	0	0

TABLE 16 SIERRA VISTA ACCIDENT SUMMARY

YEAR	# OF ACCID.	# IN DAYLIGHT	% IN DAYLIGHT	# IN DARK, DAWN, DUSK	% IN DARK, DARK, DUSK	# ON ARTERIAL	% ON ARTERIAL	# < 14 YEARS OLD	% < 14 YEARS OLD	# > 64 YEARS OLD	% > 64 YEARS OLD
1981	3	1	33.33	2	66.67	3	100.0	0	--	3	100.00
1982	3	2	66.67	1	33.33	3	100.0	0	--	3	100.00
1983	4	2	50.0	2	50.0	3	75.0	0	--	1	33.30
TOTAL	10	5	--	5	--	9	--	0	--	7	--
AVERAGE	3.33	1.67	50.0	1.67	50.0	3	91.67	0	--	2.33	77.77

YEAR	# OF MIDBLOCK ACCID.	% OF TOTAL # OF ACCIDENTS	# ALCOHOL INVOLVED 1) DRIV.	% ALCOHOL INVOLVED 1) DRIVER	# ALCOHOL INVOLVED 2) PED	% ALCOHOL INVOLVED 2) PED	# UNKNOWN OR OTHER	% UN-KNOWN OR OTHER
1981	1	33.33	0	0	0	0	0	0
1982	0	0	0	0	0	0	1	33.33
1983	1	25.0	1	25.0	0	0	0	0

TABLE 17 SUN CITY ACCIDENT SUMMARY



YEAR	# OF ACCID.	# IN DAYLIGHT	% IN DAYLIGHT	# IN DARK, DAWN, DUSK	% IN DARK, DAWN, DUSK	# ON ARTERIAL	% ON ARTERIAL	# < 14 YEARS OLD	% < 14 YEARS OLD	# > 64 YEARS OLD	% > 64 YEARS OLD
1981	45	21	46.67	24	53.33	32	71.1	14	31.1	0	--
1982	45	20	44.44	25	55.56	38	84.4	8	17.77	2	4.44
1983	38	17	44.7	21	55.3	29	76.3	7	18.42	1	2.63
TOTAL	128	58	--	70	--	99	--	29	--	3	--
AVERAGE	42.67	19.33	45.27	23.33	54.73	33	77.27	9.67	20.76	1	2.22

YEAR	# OF MIDBLOCK ACCID.	% OF TOTAL # OF ACCIDENTS	# ALCOHOL INVOLVED 1) DRIV.	% ALCOHOL INVOLVED 1) DRIVER	# ALCOHOL INVOLVED 2) PED	% ALCOHOL INVOLVED 2) PED	# UNKNOWN OR OTHER	% UN-KNOWN OR OTHER
1981	14	31.11	6	13.33	8	17.77	4	8.89
1982	18	40.00	4	8.89	10	22.22	3	6.67
1983	11	28.95	4	10.53	5	13.16	3	7.89

TABLE 178 TEMPE ACCIDENT SUMMARY

YEAR	# OF ACCID.	# IN DAYLIGHT	% IN DAYLIGHT	# IN DARK, DAWN, DUSK	% IN DARK, DAWN, DUSK	# ON ARTERIAL	% ON ARTERIAL	# < 14 YEARS OLD	% < 14 YEARS OLD	# > 64 YEARS OLD	% > 64 YEARS OLD
1981	21	9	42.86	12	57.14	17	80.95	4	19.05	2	9.52
1982	10	4	40.00	6	60.00	7	70.0	2	20.0	2	20.0
1983	13	1	7.69	12	92.31	13	100.0	1	7.69	4	30.77
TOTAL	44	14	--	30	--	37	--	7	--	8	--
AVERAGE	14.67	4.67	30.18	10	69.82	12.33	83.65	2.33	14.42	2.67	19.22

YEAR	# OF MIDBLOCK ACCID.	% OF TOTAL # OF ACCIDENTS	# ALCOHOL INVOLVED 1) DRIV.	% ALCOHOL INVOLVED 1) DRIVER	# ALCOHOL INVOLVED 2) PED	% ALCOHOL INVOLVED 2) PED	# UNKNOWN OR OTHER	% UN- KNOWN OR OTHER
1981	4	19.05	2	9.52	5	23.81	0	0
1982	2	20.00	2	20.00	4	40.00	1	10.00
1983	0	0	0	0	4	30.77	1	7.69

TABLE 18 SOUTH TUCSON ACCIDENT SUMMARY

YEAR	# OF ACCID.	# IN DAYLIGHT	% IN DAYLIGHT	# IN DARK, DAWN, DUSK	% IN DARK, DARK, DUSK	# ON ARTERIAL	% ON ARTERIAL	# ≤ 14 YEARS OLD	% ≤ 14 YEARS OLD	# > 64 YEARS OLD	% > 64 YEARS OLD
1981	190	102	53.7	88	46.3	129	67.9	38	20	34	17.9
1982	183	100	54.6	83	45.4	120	65.6	38	20.8	25	13.7
1983	205	112	54.63	93	45.37	116	63.4	49	23.90	27	13.2
TOTAL	578	314	--	264	--	365	--	125	--	86	--
AVERAGE	192.67	104.7	56.5	88.0	43.5	121.7	65.6	41.7	21.6	28.7	14.9

YEAR	# OF MIDBLOCK ACCID.	% OF TOTAL # OF ACCIDENTS	# ALCOHOL INVOLVED 1) DRIV.	% ALCOHOL INVOLVED 1) DRIVER	# ALCOHOL INVOLVED 2) PED	% ALCOHOL INVOLVED 2) PED	# UNKNOWN OR OTHER	% UNKNOWN OR OTHER
1981	39	20.53	12	6.32	33	17.37	12	6.32
1982	33	18.03	11	6.01	29	15.85	12	6.56
1983	43	23.50	15	8.20	36	19.67	20	10.93

TABLE 19 TUCSON ACCIDENT SUMMARY

YEAR	# OF ACCID.	# IN DAYLIGHT	% IN DAYLIGHT	# IN DARK, DAWN, DUSK	% IN DARK, DAWN, DUSK	# ON ARTERIAL	% ON ARTERIAL	# ≤ 14 YEARS OLD	% ≤ 14 YEARS OLD	# > 64 YEARS OLD	% > 64 YEARS OLD
1981	29	19	65.5	10	34.5	18	62.1	14	48.27	4	13.79
1982	16	8	50.0	8	50.0	12	75.0	3	18.75	3	18.75
1983	25	15	60.0	10	40.0	17	68.0	8	32.0	4	16.0
TOTAL	70	42	--	28	--	47	--	25	--	11	--
AVERAGE	23.33	14	58.5	9.33	41.5	15.67	68.37	8.33	31.3	3.67	15.23

YEAR	# OF MIDBLOCK ACCID.	% OF TOTAL # OF ACCIDENTS	# ALCOHOL INVOLVED 1) DRIV.	% ALCOHOL INVOLVED 1) DRIVER	# ALCOHOL INVOLVED 2) PED	% ALCOHOL INVOLVED 2) PED	# UNKNOWN OR OTHER	% UNKNOWN OR OTHER
1981	7	24.14	4	13.79	4	13.79	2	6.90
1982	6	37.5	2	12.5	7	43.75	1	6.25
1983	4	16.0	2	8.00	6	24.00	2	8.00

TABLE 20 YUMA ACCIDENT SUMMARY

CITY	YEAR	#ARTERIAL/ HIGHWAY	% ON ARTER'L HIGHWAY	# ON OTHER	% ON OTHER
CHANDLER	1981	2	100.0	0	--
	1982	1	100.0	0	--
	1983	1	100.0	0	--
	TOTAL	4	--	0	--
	AVERAGE	1.33	100.0	0	--
GLENDALE	1981	2	66.67	1	33.33
	1982	2	100.0	0	--
	1983	1	50.0	1	50.0
	TOTAL	5	--	2	--
	AVERAGE	1.67	72.22	.67	27.78
MESA	1981	5	83.33	1	16.67
	1982	6	85.71	1	14.29
	1983	1	50.0	1	50.0
	TOTAL	12	--	3	--
	AVERAGE	4	73.01	1	26.99
PHOENIX	1981	56	87.5	8	12.5
	1982	23	95.83	1	4.17
	1983	30	90.9	3	9.1
	TOTAL	109	--	12	--
	AVERAGE	36.33	91.41	4	8.59

TABLE 21 PERCENTAGE OF FATAL ACCIDENTS ON ARTERIAL STREETS  
A- 15

CITY	YEAR	#ARTERIAL/ HIGHWAY	% ON ARTER'L HIGHWAY	# ON OTHER	% ON OTHER
SCOTTSDALE	1981	2	66.67	1	33.33
	1982	0	--	0	--
	1983	1	100.0	0	--
	TOTAL	3	--	1	--
	AVERAGE	1	55.56	.33	11.11
SUN CITY	1981	1	100	0	--
	1982	0	--	0	--
	1983	0	--	0	--
	TOTAL	1	--	0	--
	AVERAGE	.33	33.33	0	--
TEMPE	1981	3	50.0	3	50.0
	1982	4	100.00	0	--
	1983	2	100.00	0	--
	TOTAL	9	--	3	--
	AVERAGE	3	83.33	1	16.67
FLAGSTAFF	1981	0	--	0	--
	1982	1	100.0	0	--
	1983	1	100.0	0	--
	TOTAL	2	--	0	--
	AVERAGE	.67	100.0	0	--

TABLE 21 PERCENTAGE OF FATAL ACCIDENTS ON ARTERIAL STREETS  
(cont'd) A-16

CITY	YEAR	#ARTERIAL/ HIGHWAY	% ON ARTER'L HIGHWAY	# ON OTHER	% ON OTHER
PRESCOTT	1981	1	100.0	0	--
	1982	0	--	0	--
	1983	1	100.0	0	--
	TOTAL	2	--	0	--
	AVERAGE	.67	100.0	0	--
SIERRA VISTA	1981	0	--	0	--
	1982	0	--	0	--
	1983	0	--	0	--
	TOTAL	0	--	0	--
	AVERAGE	0	--	0	--
SOUTH TUCSON	1981	2	100.0	0	--
	1982	0	100.0	0	--
	1983	1	100.0	0	--
	TOTAL	3	--	0	--
	AVERAGE	1	100.0	0	--
TUCSON	1981	24	92.3	2	7.7
	1982	14	93.33	1	6.67
	1983	18	90.00	2	10.00
	TOTAL	56	--	5	--
	AVERAGE	18.67	91.88	1.67	8.12

TABLE 21 PERCENTAGE OF FATAL ACCIDENTS ON ARTERIAL STREETS  
(cont'd) A-17

CITY	YEAR	#ARTERIAL/ HIGHWAY	% ON ARTER'L HIGHWAY	# ON OTHER	% ON OTHER
YUMA	1981	2	100.0	0	--
	1982	0	--	0	--
	1983	1	100.0	0	--
	TOTAL	3	--	0	--
	AVERAGE	1	100.0	0	--
	1981				
	1982				
	1983				
	TOTAL				
	AVERAGE				
	1981				
	1982				
	1983				
	TOTAL				
	AVERAGE				
	1981				
	1982				
	1983				
	TOTAL				
	AVERAGE				

TABLE 21 PERCENTAGE OF FATAL ACCIDENTS ON ARTERIAL STREETS  
(cont'd) A- 18



CITY	YEAR	% OF POP ≤ 14 YEARS	% OF ACCID. INVOLV. ≤ 14	% OF POP ≥ 64 YEARS	% OF ACCID. INVOLV. ≥ 64
CHANDLER	1981	29.32	41.67	6.57	8.33
GLENDALE	1981	26.15	27.27	7.62	13.64
MESA	1981	25.36	37.73	12.03	18.88
PHOENIX	1981	23.52	28.47	10.09	9.54
SCOTTSDALE	1981	16.64	30.0	13.26	13.33
TEMPE	1981	19.73	31.1	5.21	0
FLAGSTAFF	1981	21.95	17.39	3.83	4.35
PRESCOTT	1981	17.55	10.0	22.90	20.0
SOUTH TUCSON	1981	29.18	19.05	11.78	9.52
TUCSON	1981	20.55	20.0	12.49	17.9
YUMA	1981	24.96	48.27	9.81	13.79
SIERRA VISTA	1981	27.08	0	3.48	0
SUN CITY	1981	.06	0	77.68	100.0

TABLE 22 AGE GROUPS. URBAN AREAS 1981

CITY	YEAR	% OF POP ≤ 14 YEARS	% OF ACCID. INVOLV. ≤ 14	% OF POP ≥ 64 YEARS	% OF ACCID. INVOLV. ≥ 64
CHANDLER	1982	29.32	38.46	6.57	0
GLENDALE	1982	26.15	57.14	7.62	10.71
MESA	1982	25.36	39.66	12.03	15.52
PHOENIX	1982	23.52	29.6	10.09	7.7
SCOTTSDALE	1982	16.64	29.17	13.26	12.5
TEMPE	1982	19.73	17.77	5.21	4.44
FLAGSTAFF	1982	21.95	10.34	3.83	3.45
PRESCOTT	1982	17.55	33.33	22.90	22.2
SOUTH TUCSON	1982	29.18	20.0	11.78	20.0
TUCSON	1982	20.55	20.8	12.49	13.7
YUMA	1982	24.96	18.75	9.81	18.75
SIERRA VISTA	1982	27.08	0	3.48	0
SUN CITY	1982	.06	0	77.68	100.0

TABLE 23 AGE GROUPS. URBAN AREAS 1982

CITY	YEAR	% OF POP ≤ 14 YEARS	% OF ACCID. INVOLV. ≤ 14	% OF POP ≥ 64 YEARS	% OF ACCID. INVOLV. ≥ 64
CHANDLER	1983	29.32	46.15	6.57	0
GLENDALE	1983	26.15	35.7	7.62	7.1
MESA	1983	25.36	50.77	12.03	10.77
PHOENIX	1983	23.52	29.4	10.09	10.03
SCOTTSDALE	1983	16.64	26.92	13.26	7.69
TEMPE	1983	19.73	18.42	5.21	2.63
FLAGSTAFF	1983	21.95	8.33	3.83	0
PRESCOTT	1983	17.55	18.75	22.90	18.75
SOUTH TUCSON	1983	29.19	7.69	11.78	30.77
TUCSON	1983	20.55	26.8	12.49	14.77
YUMA	1983	24.96	32.0	9.81	16.0
SIERRA VISTA	1983	27.08	28.57	3.48	0
SUN CITY	1983	.06	0	77.68	33.33

TABLE 24 AGE GROUPS. URBAN AREAS 1983

CHANDLER	1981	1982	1983
1		1	1
2	1	1	2
3	1		1
4	1		1
5		1	3
6			
7		3	1
8	3	4	1
9	3		2
10	1		
11			
12			
13			
14			
15	1	2	
16	1	1	
17			
18			1
19			
20			
21			
$\Sigma$	12	13	13

Note:  
See Table 2  
(page 9, Volume I)  
for cause  
categories

TABLE 25 ACCIDENTS BY BEHAVIOR CAUSE CATEGORIES CHANDLER

FLAGSTAFF	1981	1982	1983
1	2	2	2
2	1	6	4
3		1	3
4	3	4	1
5	2	1	3
6	1	1	5
7	5	1	
8	3	5	3
9	4	3	
10		2	
11			
12		1	
13			
14		1	
15	2	1	1
16			1
17			
18			
19			
20			1
21			
$\Sigma$	23	29	24

Note:  
See Table 2  
(page 9, Volume 1)  
for cause  
categories

TABLE 26 ACCIDENTS BY BEHAVIOR CAUSE CATEGORIES FLAGSTAFF

GLENDALE	1981	1982	1983
1	5	2	4
2	4		5
3		2	
4	1	1	1
5	5	13	4
6	1	2	3
7	3		3
8	1		3
9		3	1
10			
11			
12			
13	1		
14			
15			1
16			1
17			1
18	1	2	
19		3	1
20			
21			
$\Sigma$	22	28	28

Note:

See Table 2  
(page 9, Volume I)  
for cause  
categories

TABLE 27 ACCIDENTS BY BEHAVIOR CAUSE CATEGORIES GLENDALE

MESA	1981	1982	1983
1	7	4	3
2	4	8	4
3	2	4	1
4	3	3	
5	7	6	13
6	4	3	3
7	2	3	7
8	5	9	13
9	12	11	13
10	1		
11		1	
12			1
13	1	1	1
14	2	1	
15	1	3	1
16			1
17			
18	1	1	3
19	1		
20			1
21			
$\Sigma$	53	58	65

Note:

See Table 2  
(page 9, Volume I)  
for cause  
categories

TABLE 28 ACCIDENTS BY BEHAVIOR CAUSE CATEGORIES MESA

PHOENIX	1981	1982	1983
1	36	37	45
2	112	92	100
3	13	11	20
4	17	15	13
5	91	46	102
6	34	29	21
7	46	29	48
8	94	95	112
9	80	72	75
10	6	7	4
11	10	3	6
12	4	3	1
13	1	2	0
14	2	1	0
15	12	11	11
16	13	11	10
17	1	4	5
18	0	3	8
19	3	6	4
20	0	6	3
21	1	0	0
$\Sigma$	576	483	588

Note:  
See Table 2  
(page 9, Volume I)  
for cause  
categories

TABLE 29 ACCIDENTS BY BEHAVIOR CAUSE CATEGORIES PHOENIX



PRESCOTT	1981	1982	1983
1		2	1
2	5	1	3
3			1
4			1
5	3	2	2
6	1	1	1
7		1	1
8			1
9			2
10			
11			
12			
13			
14			
15			1
16		1	1
17			
18		1	1
19	1		
20			
21			
$\Sigma$	10	9	16

Note:  
See Table 2  
(page 9, Volume I)  
for cause  
categories

TABLE 30 ACCIDENTS BY BEHAVIOR CAUSE CATEGORIES PRESCOTT

SCOTTSDALE	1981	1982	1983
1	1	2	
2	2	5	3
3	1	1	3
4	1	2	1
5	4	1	4
6	1	1	
7	5	1	4
8	4	4	4
9	7	2	3
10	1	1	
11			
12			
13			1
14			
15	2	2	
16		1	
17			
18		1	2
19	1		
20			1
21			
$\Sigma$	30	24	26

Note:  
See Table 2  
(page 9, Volume I)  
for cause  
categories

TABLE 31 ACCIDENTS BY BEHAVIOR CAUSE CATEGORIES SCOTTSDALE

SIERRA VISTA	1981	1982	1983
1			1
2			
3		1	1
4			
5			1
6		1	
7	1		2
8			1
9			
10			
11			
12			
13			
14			
15			1
16			
17			
18			
19			
20			
21			
$\Sigma$	1	2	7

Note:  
See Table 2  
(page 9, Volume I)  
for cause  
categories

TABLE 32 ACCIDENTS BY BEHAVIOR CAUSE CATEGORIES SIERRA VISTA

SOUTH TUCSON	1981	1982	1983
1	2		3
2	1	3	4
3	1		2
4			1
5	6	1	1
6		1	
7	3		
8	5	4	2
9	1		
10			
11			
12			
13	1		
14			
15	1		
16			
17			
18		1	
19			
20			
21			
$\Sigma$	21	10	13

Note:  
See Table 2  
(page 9, Volume I)  
for cause  
categories

TABLE 33 ACCIDENTS BY BEHAVIOR CAUSE CATEGORIES SOUTH TUCSON

SUN CITY	1981	1982	1983
1			2
2			
3		1	
4		1	
5			
6			
7	1	1	1
8	1		
9			
10			
11			
12	1		
13			
14			
15			
16			
17			
18			
19			
20			
21			1
$\Sigma$	3	3	4

Note:  
 See Table 2  
 (page 9, Volume 1)  
 for cause  
 categories

TABLE 34 ACCIDENTS BY BEHAVIOR CAUSE CATEGORIES SUN CITY

TEMPE	1981	1982	1983
1	3	4	6
2	10	10	7
3	1	1	
4	1	1	1
5	6	4	4
6	3	2	2
7	5	3	6
8	5	8	5
9	6	7	3
10	2	1	
11			1
12			
13	1		
14			
15	1	2	1
16	1		
17		1	
18			1
19		1	
20			1
21			
$\Sigma$	45	45	38

Note:

See Table 2  
(page 9, Volume I)  
for cause  
categories

TABLE 35 ACCIDENTS BY BEHAVIOR CAUSE CATEGORIES TEMPE

TUCSON	1981	1982	1983
1	8	10	12
2	45	35	35
3	6	8	12
4	10	3	14
5	25	17	22
6	4	11	8
7	17	11	18
8	43	44	51
9	11	23	17
10	2	6	2
11		1	
12	2	1	1
13			1
14	1	1	
15	5	1	2
16	4	2	2
17		1	3
18		1	
19	7	4	1
20		2	4
21		1	
$\Sigma$	190	183	205

Note:

See Table 2  
(page 9, Volume I)  
for cause  
categories

TABLE 36 ACCIDENTS BY BEHAVIOR CAUSE CATEGORIES TUCSON

YUMA	1981	1982	1983
1	2	2	1
2	3	1	5
3		1	1
4	1		2
5	9	5	7
6	1	1	
7	4		
8	6	3	4
9	1	2	3
10	1		
11			
12			
13			
14			
15	1		
16		1	
17			1
18			1
19			
20			
21			
$\Sigma$	29	16	25

Note:  
See Table 2  
(page 9, Volume I)  
for cause  
categories

TABLE 37 ACCIDENTS BY BEHAVIOR CAUSE CATEGORIES YUMA



RURAL AND OUTLYING AREAS ONLY, NOT INCLUDING INDIAN RESERVATIONS

YEAR	# OF PED ACCIDENTS	% IN DAYLT	% IN DARK	% < 14 YEARS	% > 64 YEARS	% FATAL	% LYING IN RD	ALCOHOL INVOLV % DRVR	AT FAULT % DRVR	AT FAULT % PED	% BOTH	% OTHER & UNKNOWN
1981	4	75.0	25.0	25.0	0	25.0	0	25.0	50.0	50.0	0	25.0
1982	1	100.0	0.0	0.0	0	0.0	0	0.0	0	100.0	0	0
1983	5	60.0	40.0	0.0	0	20.0	20.0	0.0	0	60.0	20.0	20.0
TOTAL	10	7	3	1	0	2	1	1	2	6	1	2
AVG	3.33	78.33	21.67	8.33	0	15.0	6.67	8.33	16.67	70.0	6.67	15.0

TOTAL CONTRIBUTIONS FROM MUNICIPALITIES WITHIN COUNTY INCLUDES ST. JOHN'S, SPRINGVILLE, EAGAR

1981	2	0.0	100.0	50.0	0	0	0	0	0	100.0	0	0
1982	2	50.0	50.0	50.0	0	0	0	0	0	0	100.0	0
1983	2	100.0	0	50.0	0	0	0	0	0	50.0	50.0	0
TOTAL	6	3	3	3	0	0	0	0	0	3	3	0
AVG	2	50.0	50.0	50.0	0	0	0	0	0	50.0	50.0	0

APPENDIX B  
PEDESTRIAN ACCIDENT DATA FOR COUNTIES

TOTAL CONTRIBUTIONS FROM INDIAN RESERVATIONS WITHIN COUNTY FORT APACHE, NAVAJO

1981	12	75.0	25.0	8.3	0	41.7	0	8.3	16.7	25.0	16.7	41.6
1982	13	15.4	84.6	7.7	7.7	61.5	0	15.4	15.4	30.8	7.7	46.2
1983	7	28.6	71.4	14.3	0	42.9	0	0	0	42.8	0	57.2
TOTAL	32	13	19	3	1	16	0	3	4	10	3	15
AVG	10.7	39.7	60.3	10.1	2.6	48.7	0	7.9	10.7	32.9	12.2	48.3

TABLE 38 APACHE COUNTY ACCIDENT SUMMARY

PURAL AND OUTLYING AREAS ONLY, NOT INCLUDING INDIAN RESERVATIONS

YEAR	# OF PED ACCIDENTS	% IN DAYLT	% IN DARK	% ≤ 14 YEARS	% ≥ 64 YEARS	% FATAL	% LYING IN RD	ALCOHOL INVOLV		AT FAULT		% OTHER & UNKNOWN
								% DRVR	% PED	% DRVR	% PED	
1981	9	22.22	77.78	0	0	11.11	11.11	22.22	22.22	33.33	33.33	33.33
1982	6	66.67	33.33	16.67	0	16.67	0	0	0	66.67	33.33	0
1983	7	14.29	85.71	14.29	0	57.14	0	42.86	28.57	42.86	57.14	0
TOTAL	22	7	15	2	0	6	1	5	4	10	9	3
AVG	7.33	34.39	65.61	10.32	0	28.31	3.70	21.69	16.93	11.11	41.27	11.11

TOTAL CONTRIBUTIONS FROM MUNICIPALITIES WITHIN COUNTY BISBEE, DOUGLAS, WILLCOX, HUACHUCA CITY

1981	18	66.67	33.33	50.0	11.11	5.55	5.55	5.55	5.55	38.89	11.11	22.22	27.78
1982	13	69.23	30.77	23.08	30.77	15.38	0	7.69	7.69	61.5	0	6.7	30.77
1983	7	85.71	14.29	85.71	0	14.29	0	0	0	42.86	42.86	0	14.29
TOTAL	38	27	11	18	6	4	1	2	2	18	5	5	10
AVG	12.67	51.64	26.13	52.93	13.96	11.74	1.85	4.41	4.41	47.75	17.99	9.64	24.28

TOTAL CONTRIBUTIONS FROM INDIAN RESERVATIONS WITHIN COUNTY - NONE REPORTED

1981													
1982													
1983													
TOTAL													
AVG													

RURAL AND OUTLYING AREAS ONLY, NOT INCLUDING INDIAN RESERVATIONS

YEAR	# OF PED ACCIDENTS	% IN DAYLT	% IN DARK	% < 14 YEARS	% > 64 YEARS	% FATAL	% LYING IN RD	ALCOHOL INVOLV		AT FAULT		% OTHER & UNKNOWN	
								% DRVR	% PED	% DRVR	% PED		
1981	9	66.7	33.3	33.3	0	11.1	0	0	11.1	44.4	33.3	0	22.2
1982	4	75	25	0	25	25	0	0	0	50	25	0	25
1983	6	16.7	83.3	16.7	0	16.7	16.7	0	66.7	33.3	16.7	16.7	33.3
TOTAL	19	10	9	4	0	3	1	0	5	8	5	1	5
AVG	6.3	52.8	47.2	16.7	8.3	52.8	5.6	0	25.9	42.6	25	5.6	26.8

TOTAL CONTRIBUTIONS FROM MUNICIPALITIES WITHIN COUNTY PAGE, WILLIAMS (FLAGSTAFF NOT INCL.-SEE CITY STATS)

1981													
1982	4	25	75	0	0	25	0	25	25	25	25	0	50
1983	4	75	25	50	0	0	0	0	25	25	25	50	0
TOTAL	8	4	4	2	0	1	0	1	2	2	2	2	2
2yr	4	50	50	25	0	12.5	0	12.5	25	25	25	25	25
AVG3yr	2.7	33.3	33.3	16.7	0	8.3	0	8.3	16.7	16.7	16.7	16.7	16.7

TOTAL CONTRIBUTIONS FROM INDIAN RESERVATIONS WITHIN COUNTY NAVAJO

1981	9	33.3	66.7	22.2	0	44.4	0	0	22.2	11.1	33.3	11.1	44.4
1982	4	0	100	25.0	0	75.0	0	25	25	25	50	25	0
1983	2	0	100	50.0	50.0	50	0	0	0	0	50	50	0
TOTAL	15	3	12	4	1	8	0	1	3	2	6	3	4
AVG	5	11.1	88.9	32.4	16.7	56.5	0	8.3	15.7	12	44.4	86.1	14.8

TABLE 40 COCONINO COUNTY ACCIDENT SUMMARY

RURAL AND OUTLYING AREAS ONLY, NOT INCLUDING INDIAN RESERVATIONS

YEAR	# OF PED ACCIDENTS	% IN DAYLT	% IN DARK	% ≤ 14 YEARS	% ≥ 64 YEARS	% FATAL	% LYING IN RD	ALCOHOL INVOLV	% DRVR % PED	% AT FAULT	% DRVR % PED	% BOTH	% OTHER & UNKNOWN
1981	5	40	60	0	20	0	0	20	20	40	20	0	40
1982	6	33.3	67.7	16.7	0	16.7	0	33.3	16.7	33.3	16.7	0	50
1983	2	50	50	0	0	0	0	0	0	50	0	50	0
TOTAL	13	5	8	1	1	1	0	3	2	5	2	1	5
AVG	4.3	41.1	58.9	5.6	6.7	5.6	0	17.8	12.2	41.1	12.2	16.7	30

TOTAL CONTRIBUTIONS FROM MUNICIPALITIES WITHIN COUNTY      GLOBE, HAYDEN, MIAMI, PAYSON

1981	8	62.5	37.5	37.5	0	12.5	0	12.5	25.0	25.0	25.0	12.5	37.5
1982	10	40	60	10	0	10	0	10	10	30	10	20	40
1983	9	44.4	55.6	33.3	22.2	11.1	0	11.1	22.2	33.3	22.2	0	44.4
TOTAL	27	13	14	7	2	3	0	3	5	8	5	3	11
AVG	9	49	51	26.9	7.4	11.2	0	11.2	19.1	29.4	19.1	10.8	40.6

TOTAL CONTRIBUTIONS FROM INDIAN RESERVATIONS WITHIN COUNTY      SAN CARLOS

1981													
1982													
1983	2	50	50	0	0	100	0	0	0	0	0	0	100
TOTAL	2	1	11	0	0	2	0	0	0	0	0	0	2
AVG	2/3	16.67	16.67	0	0	33.33	0	0	0	0	0	0	33.33

TABLE 41 GILA COUNTY ACCIDENT SUMMARY

RURAL AND OUTLYING AREAS ONLY, NOT INCLUDING INDIAN RESERVATIONS

YEAR	# OF PED ACCIDENTS	% IN DAYLT	% IN DARK	% ≤ 14 YEARS	% ≥ 64 YEARS	% FATAL	% LYING IN RD	ALCOHOL INVOLV		AT FAULT		% OTHER & UNKNOWN
								% DRVR	% PED	% DRVR	% PED	
1981												
1982	2	0	100	0	0	100	0	0	0	50	50	0
1983	4	75	25	25	25	25	0	0	50	25	0	50
TOTAL	6	3	3	1	1	3	0	0	2	2	1	2
AVG	2	25.0	41.67	8.33	8.33	41.67	--	--	16.67	8.33	25.0	16.67

TOTAL CONTRIBUTIONS FROM MUNICIPALITIES WITHIN COUNTY SAFFORD, PIMA, THATCHER

1981	3	66.7	33.3	100	0	0	0	0	0	0	66.7	33.3	0
1982	1	100	0	100	0	0	0	0	0	0	0	0	100
1983	7	42.9	57.1	42.9	14.3	28.6	0	0	14.3	28.6	42.9	28.6	0
TOTAL	11	6	5	7	1	2	0	0	1	2	5	3	1
AVG	3.7	69.9	30.1	81	4.8	9.5	0	0	4.8	9.5	36.5	20.63	33.3

TOTAL CONTRIBUTIONS FROM INDIAN RESERVATIONS WITHIN COUNTY NONE REPORTED

1981													
1982													
1983													
TOTAL													
AVG													

RURAL AND OUTLYING AREAS ONLY, NOT INCLUDING INDIAN RESERVATIONS

YEAR	# OF PED ACCIDENTS	% IN DAYLT	% IN DARK	% < 14 YEARS	% ≥ 64 YEARS	% FATAL	% LYING IN RD	ALCOHOL INVOLV		AT FAULT		% OTHER & UNKNOWN
								% DRVR	% PED	% DRVR	% PED	
1981												
1982												
1983	1	100	0	0	0	0	0	0	0	0	0	100
TOTAL	1	1	0	0	0	0	0	0	0	0	0	1
AVG	1	33.33	0	0	0	0	0	0	0	0	0	33.33

TOTAL CONTRIBUTIONS FROM MUNICIPALITIES WITHIN COUNTY CLIFTON

1981	1	100	0	100	0	0	0	0	0	0	0	100
1982	1	100	0	100	0	0	0	0	0	0	100	0
1983	1	100	0	0	0	0	0	0	0	0	0	100
TOTAL	3	3	0	2	0	0	0	0	0	0	1	2
AVG	1	100	0	66.7	0	0	0	0	0	0	33.3	66.7

TOTAL CONTRIBUTIONS FROM INDIAN RESERVATIONS WITHIN COUNTY NONE REPORTED

1981												
1982												
1983												
TOTAL												
AVG												

RURAL AND OUTLYING AREAS ONLY, NOT INCLUDING INDIAN RESERVATIONS INCLUDES ALL AREAS THAT BECAME LA PAZ COUNTY

YEAR	# OF PED ACCIDENTS	% IN DAYLT	% IN DARK	% ≤ 14 YEARS	% ≥ 64 YEARS	% FATAL	% LYING IN RD	ALCOHOL INVOLV % DRVR	% PED	AT FAULT			% OTHER & UNKNOWN			
										% DRVR	% PED	% BOTH				
1981	4	0	100	25	0	75	50	0	100	0	75	0	25			
1982	4	0	100	0	0	25	25	0	75	50	25	0	25			
1983	1	0	100	0	0	100	0	0	0	0	0	0	100			
TOTAL	9	0	9	1	0	5	3	0	7	2	4	0	3			
AVG	3	0	100	8.3	0	66.7	25	0	58.3	16.7	33.3	0	50.0			

TOTAL CONTRIBUTIONS FROM MUNICIPALITIES WITHIN COUNTY PARKER

1981	1	0	100	0	0	0	0	100	0	0	0	0	100			
1982	2	50	50	0	0	50	0	0	50	0	50	0	50			
1983	2	0	100	0	0	50	0	50	50	100	0	0	0			
TOTAL	5	1	4	0	0	2	0	2	2	2	1	0	2			
AVG	1.67	16.7	83.3	0	0	33.3	0	50	33.3	33.3	16.7	0	50			

TOTAL CONTRIBUTIONS FROM INDIAN RESERVATIONS WITHIN COUNTY NONE REPORTED

1981																
1982																
1983																
TOTAL																
AVG																

TABLE 44 LA PAZ COUNTY ACCIDENT SUMMARY

B-7

PURAL AND OUTLYING AREAS ONLY, NOT INCLUDING INDIAN RESERVATIONS

YEAR	# OF PED ACCIDENTS	% IN DAYLT	% IN DARK	% < 14 YEARS	% ≥ 64 YEARS	% FATAL	% LYING IN RD	ALCOHOL INVOLV		AT FAULT		% OTHER & UNKNOWN	
								% DRVR	% PED	% DRVR	% PED		
1981	58	29.3	70.7	17.2	13.8	37.9	0	8.6	39.7	10.3	46.6	8.6	34.5
1982	54	37.0	63.0	16.7	14.8	33.3	3.7	11.1	33.3	13.0	48.1	9.3	29.6
1983	60	40	60	16.7	10	13.3	1.6	11.7	28.3	20	33.3	16.7	30
TOTAL	172	61	111	29	22	48	3	18	58	25	73	20	54
AVG	57.3	35.4	64.6	16.9	12.9	28.2	1.8	10.5	33.8	14.4	42.7	11.5	31.4

TOTAL CONTRIBUTIONS FROM MUNICIPALITIES WITHIN COUNTY TOLLESON, WICKENBURG, SURPRISE, GILBERT, GOODYEAR, PARADISE VALLEY, YOUNGSTOWN AVONDALE, BUCKEYE, EL MIRAGE, GILA BEND, GUADALUPE, PEORIA,

1981	23	69.6	30.4	21.7	26.1	13.0	0	8.7	13.0	30.4	34.8	8.7	26.1
1982	17	35.3	64.7	11.8	0	11.8	0	11.8	35.3	17.6	47.1	17.6	17.6
1983	17	64.7	35.3	23.5	17.6	29.4	0	5.9	17.6	17.6	47.1	11.8	23.5
TOTAL	57	33	24	11	9	10	0	5	12	13	24	7	13
AVG	19	56.5	43.5	19.0	14.6	18.1	0	8.8	22.0	21.9	43.0	12.7	22.4

TOTAL CONTRIBUTIONS FROM INDIAN RESERVATIONS WITHIN COUNTY

1981	2	0	100	0	0	50	0	50	50	0	50	0	50
1982	1	0	100	0	0	100	0	0	100	0	100	0	0
1983	2	50	50	0	0	50	0	50	0	50	0	0	50
TOTAL	5	1	4	0	0	3	0	2	2	1	2	0	2
AVG	1.7	16.7	83.3	0	0	66.7	0	33.3	50	16.7	50	0	33.3

TABLE 45 MARICOPA COUNTY ACCIDENT SUMMARY



PURAL AND OUTLYING AREAS ONLY, NOT INCLUDING INDIAN RESERVATIONS

YEAR	# OF PED ACCIDENTS	% IN DAYLT	% IN DARK	% ≤ 14 YEARS	% ≥ 64 YEARS	% FATAL	% LYING IN RD	ALCOHOL INVOLV % DRVR	AT FAULT % DRVR	AT FAULT % PED	% BOTH	% OTHER & UNKNOWN
1981	14	28.6	71.4	7.1	7.1	7.1	0	14.3	14.3	35.7	7.1	42.9
1982	12	16.7	83.3	16.7	0	33.3	0	0	8.3	25.0	0	66.7
1983	15	20.0	80.0	0	6.7	6.7	0	13.3	13.3	46.7	6.7	33.3
TOTAL	41	9	32	3	2	6	0	4	5	15	2	19
AVG	13.7	21.8	78.2	7.9	4.6	15.7	0	9.2	12.0	35.8	4.6	47.6

TOTAL CONTRIBUTIONS FROM MUNICIPALITIES WITHIN COUNTY KINGMAN, LAKE HAVASU CITY

1981	4	100	0	0	25	0	0	0	25	0	50	25
1982	6	83.3	16.7	50	16.7	0	0	0	50	33.3	16.7	0
1983	9	22.2	77.8	22.2	0	0	0	11.1	88.9	11.1	0	0
TOTAL	19	11	8	5	2	0	0	1	12	3	3	1
AVG	6.3	68.5	31.5	24.1	13.9	0	0	3.7	54.6	14.8	22.2	8.3

TOTAL CONTRIBUTIONS FROM INDIAN RESERVATIONS WITHIN COUNTY NONE REPORTED

1981												
1982												
1983												
TOTAL												
AVG												

RURAL AND OUTLYING AREAS ONLY, NOT INCLUDING INDIAN RESERVATIONS

YEAR	# OF PED ACCIDENTS	% IN DAYLT	% IN DARK	% < 14 YEARS	% > 64 YEARS	% FATAL	% LYING IN RD	ALCOHOL INVOLV		AT FAULT		% OTHER & UNKNOWN	
								% DRVR	% PED	% DRVR	% PED		% DRVR
1981	4	100	0	0	0	50	0	0	75	25	50	0	25
1982	3	66.7	33.3	0	0	0	0	33.3	0	33.3	33.3	33.3	0
1983	2	50	50	0	0	50	0	0	50	0	50	0	50
TOTAL	9	7	2	0	0	3	0	1	4	2	4	1	2
AVG	3	72.2	27.8	0	0	33.3	0	11.1	41.7	19.4	44.4	11.1	25

TOTAL CONTRIBUTIONS FROM MUNICIPALITIES WITHIN COUNTY HOLBROOK, SHOWLOW, WINSLOW, SNOWFLAKE

1981	6	33.3	66.7	0	0	0	0	16.7	33.3	16.7	16.7	33.3	33.3
1982	10	40	60	10	20	20	0	0	20	30	20	10	40
1983	9	66.67	33.33	44.44	0	0	0	11.11	33.33	11.11	77.78	11.11	0
TOTAL	25	12	13	5	2	2	0	2	7	5	10	4	6
AVG	8.33	46.66	53.34	18.15	6.67	6.67	0	9.27	28.88	19.27	38.16	18.13	24.43

TOTAL CONTRIBUTIONS FROM INDIAN RESERVATIONS WITHIN COUNTY FORT APACHE, NAVAJO, HOPI

1981	4	0	100	0	0	75	0	0	25	25	0	0	75
1982	4	0	100	0	50	75	0	0	50	0	50	0	50
1983	2	0	100	0	0	25	0	0	100	50	50	0	0
TOTAL	10	0	10	0	2	7	0	0	5	2	3	0	5
AVG	3.3	0	100	0	16.7	58.3	0	0	58.3	25	33.3	0	41.7

TABLE 47 NAVAJO COUNTY ACCIDENT SUMMARY

RURAL AND OUTLYING AREAS ONLY, NOT INCLUDING INDIAN RESERVATIONS

YEAR	# OF PED ACCIDENTS	% IN DAYLT	% IN DARK	% < 14 YEARS	% ≥ 64 YEARS	% FATAL	% LYING IN RD	ALCOHOL INVOLV % DRVR	% PED	% DRVR	AT FAULT % PED	% BOTH	% OTHER & UNKNOWN
1981	29	34.48	65.52	24.1	3.4	10.34	3.45	17.24	17.24	27.6	34.5	3.4	34.5
1982	37	51.4	48.6	18.9	5.4	18.9	5.4	10.8	8.1	18.9	44.4	8.1	29.7
1983	29	48.3	51.7	27.6	6.9	20.7	3.4	0	20.7	17.2	48.3	6.9	27.6
TOTAL	95	43	52	22	5	16	4	9	14	20	40	6	29
AVG	31.7	44.7	55.3	23.5	5.2	16.6	4.7	14.0	15.4	21.2	42.4	6.13	30.6

TOTAL CONTRIBUTIONS FROM MUNICIPALITIES WITHIN COUNTY OROVALLEY, MARANA, AJO

1981	2	50	50	0	50	0	0	0	50	50	0	0	50
1982	1	0	100	100	0	0	0	0	0	0	0	0	100
1983	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	3	1	2	1	1	0	0	0	1	1	0	0	2
AVG	1	16.7	50	33	16.7	0	0	0	16.7	16.7	0	0	50

TOTAL CONTRIBUTIONS FROM INDIAN RESERVATIONS WITHIN COUNTY PAPAGO, SAN XAVIER

1981	5	60	40	20	0	0	0	40	0	20	20	20	40
1982	3	0	100	0	0	33.3	0	0	66.7	33.3	0	33.3	33.3
1983	2	0	100	0	0	0	0	0	50.0	50.0	50.0	0	0
TOTAL	10	3	7	1	0	1	0	2	3	3	2	2	3
AVG	3.3	20.0	80	6.7	0	11.1	0	13.3	38.9	34.4	23.3	17.8	24.4

RURAL AND OUTLYING AREAS ONLY, NOT INCLUDING INDIAN RESERVATIONS

YEAR	# OF PED ACCIDENTS	% IN DAYLT	% IN DARK	% < 14 YEARS	% > 64 YEARS	% FATAL	% LYING IN RD	ALCOHOL INVOLV		AT FAULT		% OTHER & UNKNOWN
								% DRVR	% PED	% DRVR	% PED	
1981	7	42.9	57.1	14.3	14.3	42.9	0	28.6	42.9	14.3	14.3	28.6
1982	10	50	50	30	0	40	10	10	20	20	20	40
1983	11	45.5	54.5	18.2	0	36.4	0	18.2	27.3	18.2	45.5	27.3
TOTAL	28	13	15	6	1	11	1	5	9	5	10	9
AVG	9.3	46.1	53.9	20.8	4.8	39.8	3.33	18.9	33.4	17.5	36.1	32.0

TOTAL CONTRIBUTIONS FROM MUNICIPALITIES WITHIN COUNTY CASA GRANDE, COOLIDGE, ELOY, MAMMOTH, SUPERIOR, APACHE JUNCTION FLORENCE

1981	17	52.9	47.1	23.5	5.9	23.5	5.9	11.8	23.5	29.4	35.3	17.6	17.6
1982	7	57.1	42.9	42.9	0	28.6	0	0	14.3	0	14.3	0	85.7
1983	9	66.7	33.3	22.2	33.3	11.1	0	0	0	22.2	22.2	22.2	33.3
TOTAL	33	19	14	9	4	7	1	2	5	7	9	5	12
AVG	11	58.9	41.1	29.5	13.1	63.2	2.0	3.9	12.6	17.2	23.9	13.3	45.5

TOTAL CONTRIBUTIONS FROM INDIAN RESERVATIONS WITHIN COUNTY

1981	1	0	100	0	0	100	0	0	0	0	0	0	100
1982	2	0	100	0	0	100	0	0	50	0	0	0	100
1983	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	3	0	3	0	0	3	0	0	1	0	0	0	3
AVG	1	0	66.67	0	0	66.67	0	0	16.67	0	0	0	66.67

RURAL AND OUTLYING AREAS ONLY, NOT INCLUDING INDIAN RESERVATIONS

YEAR	# OF PED ACCIDENTS	% IN DAYLT	% IN DARK	% ≤ 14 YEARS	% ≥ 64 YEARS	% FATAL	% LYING IN RD	ALCOHOL INVOLV	AT FAULT		% OTHER & UNKNOWN
							% DRVR	% PED	% DRVR	% PED	% BOTH
1981	1	100	0	100	0	0	0	0	0	0	100
1982	1	100	0	0	0	0	0	0	100	0	0
1983	0	0	0	0	0	0	0	0	0	0	0
TOTAL	2	2	0	1	0	0	0	0	1	0	1
AVG	2/3	33.33	0	33.33	0	0	0	0	33.33	0	33.33

TOTAL CONTRIBUTIONS FROM MUNICIPALITIES WITHIN COUNTY NOGALES

1981	8	62.5	37.5	37.5	37.5	12.5	0	0	12.5	37.5	37.5	12.5	12.5
1982	6	66.7	33.3	33.3	0	0	0	0	16.7	50	33.3	0	16.7
1983	9	88.9	11.1	33.3	33.3	0	0	0	0	22.2	22.2	11.1	44.4
TOTAL	23	17	6	8	6	1	0	0	2	8	7	2	6
AVG	7.67	72.7	27.3	34.7	23.6	3.1	0	0	9.7	36.6	31	7.9	24.5

TOTAL CONTRIBUTIONS FROM INDIAN RESERVATIONS WITHIN COUNTY NONE REPORTED

1981													
1982													
1983													
TOTAL													
AVG													

PURAL AND OUTLYING AREAS ONLY, NOT INCLUDING INDIAN RESERVATIONS

YEAR	# OF PED ACCIDENTS	% IN DAYLT	% IN DARK	% ≤ 14 YEARS	% ≥ 64 YEARS	% FATAL	% LYING IN RD	ALCUHOL INVOLV % DRVR	ALCUHOL INVOLV % PED	% DRVR	AT FAULT % PED	% BOTH	% OTHER & UNKNOWN
1981	3	66.7	33.3	33.3	33.3	33.3	0	33.3	33.3	0	33.3	33.3	33.3
1982	3	33.3	66.7	0	0	33.3	0	33.3	0	66.7	0	0	33.3
1983	8	75.0	25.0	25.0	12.5	0	0	0	25	12.5	62.5	0	25.0
TOTAL	14	9	5	3	2	2	0	2	3	3	6	1	4
AVG	4.7	58.3	41.7	19.3	15.3	22.2	0	22.2	19.4	26.4	31.9	11.1	30.5

TOTAL CONTRIBUTIONS FROM MUNICIPALITIES WITHIN COUNTY COTTONWOOD, PRESCOTT VALLEY

1981													
1982	4	50	50	75	0	0	0	0	25	0	50	25	25
1983	4	75	25	25	25	0	0	0	25	50	50	0	0
TOTAL	8	5	3	4	1	0	0	0	2	2	4	1	1
AVG	2.67	41.67	41.67	33.33	8.33	0	0	0	16.67	16.67	33.33	8.33	8.33

TOTAL CONTRIBUTIONS FROM INDIAN RESERVATIONS WITHIN COUNTY NONE REPORTED

1981													
1982													
1983													
TOTAL													
AVG													

(CURRENT YUMA COUNTY BOUNDARIES - ALL LA PAZ AREA ACCIDENTS HAVE BEEN SEPARATED OUT)

RURAL AND OUTLYING AREAS ONLY, NOT INCLUDING INDIAN RESERVATIONS

YEAR	# OF PED ACCIDENTS	% IN DAYLT	% IN DARK	% < 14 YEARS	% > 64 YEARS	% FATAL	% LYING IN RD	ALCOHOL INVOLV		AT FAULT		% OTHER & UNKNOWN
								% DRVR	% PED	% DRVR	% PED	
1981	6	16.7	83.3	16.7	0	33.3	0	0	66.7	16.7	0	16.7
1982	11	36.4	63.3	45.5	18.2	36.1	9.1	9.1	18.2	63.3	0	27.3
1983	7	28.6	71.4	28.6	14.3	28.6	14.3	14.3	57.1	28.6	14.3	42.9
TOTAL	24	7	17	8	3	8	2	2	10	10	2	7
AVG	8	27.3	72.7	30.3	10.8	32.7	7.8	7.8	47.3	36.2	7.8	29.0

TOTAL CONTRIBUTIONS FROM MUNICIPALITIES WITHIN COUNTY

1981	3	66.7	33.3	66.7	0	0	0	33.3	0	33.3	0	66.7
1982	1	0	100	0	0	0	0	100	0	0	0	0
1983	2	50	50	50	0	50	0	0	0	0	0	100
TOTAL	6	3	3	3	0	1	0	2	0	1	0	4
AVG	2	38.9	61.1	38.9	0	16.7	0	44.4	0	33.3	11.1	55.6

TOTAL CONTRIBUTIONS FROM INDIAN RESERVATIONS WITHIN COUNTY NONE REPORTED

1981												
1982												
1983												
TOTAL												
AVG												

COUNTY	YEAR	Σ ACCID.	(all ages) Σ POP.	ACCID. RATE per 10,000	Σ <14	ACCID. RATE per 10,000 14 & under	Σ >64	ACCID. RATE per 10,000 64 & over
APACHE	1981	6	53,671	1.12	2	1.01	0	0
	1982	3	55,281	.54	1	.49	0	0
	1983	7	56,900	1.23	1	.48	0	0
	Average	5.33	—	.96	1.33	.66	0	0
(1)	1981							
	1982							
	1983							
(2)	1981							
	1982							
	1983							
(3)	1981							
	1982							
	1983							
(4)	1981							
	1982							
	1983							

TABLE 53 ACCIDENT RATES PER 10,000 BY AGE GROUP FOR APACHE COUNTY



COUNTY	YEAR	Σ ACCID.	Σ POP.	ACCID. RATE per 10,000	Σ <14	ACCID. RATE per 10,000 <14 & under	Σ ≥64	ACCID. RATE per 10,000 64 & over
COCHISE	1981	28	87,485	3.2	9	4.0	2	2.05
	1982	21	89,322	2.35	4	1.74	4	4.01
	1983	21	91,100	2.31	9	3.84	0	--
	Average	23.33	--	2.62	7.33	3.19	2	2.02
(1) SIERRA VISTA	1981	1	25,968	.39	0	--	0	--
	1982	2	26,223	.76	0	--	0	--
	1983	7	26,705	2.62	2	2.79	0	--
(2)	1981	3.33	Average:	1.26	0.67	.93	0	--
	1982							
	1983							
(3)	1981							
	1982							
	1983							
(4)	1981							
	1982							
	1983							

TABLE 54 ACCIDENT RATES PER 10,000 BY AGE GROUP FOR COCHISE COUNTY

COUNTY	YEAR	Σ ACCID.	Σ POP.	ACCID. RATE per 10,000	Σ <14	ACCID. RATE per 10,000 14 & under	Σ ≥64	ACCID. RATE per 10,000 64 & over
COCONINO	1981	32	77,108	4.15	7	3.31	1	2.48
	1982	37	79,267	4.67	3	1.38	2	4.82
	1983	34	81,600	4.17	5	2.24	0	--
CITY:	Average	34.33	-	4.33	5	2.31	1	2.43
(1) FLAGSTAFF	1981	23	35,437	6.49	4	5.14	1	7.37
	1982	29	36,145	8.02	3	3.78	1	7.23
	1983	24	37,040	6.48	2	2.47	0	--
(2)	1981	25.33	Average:	7.00	3	3.80	.67	4.87
	1982							
	1983							
(3)	1981							
	1982							
	1983							
(4)	1981							
	1982							
	1983							

TABLE 55 ACCIDENT RATES PER 10,000 BY AGE GROUP FOR COCONINO COUNTY

COUNTY	YEAR	Σ ACCID.	Σ POP.	ACCID. RATE per 10,000	Σ <14	ACCID. RATE per 10,000 14 & under	Σ >64	ACCID. RATE per 10,000 64 & over
GILA	1981	13	37,710	3.45	3	3.06	1	1.91
	1982	16	38,351	4.17	2	2.00	0	--
	1983	11	39,000	2.82	3	2.95	2	3.69
CITY:	Average	13.33	--	3.48	2.67	2.67	1	1.87
(1)	1981							
	1982							
	1983							
(2)	1981							
	1982							
	1983							
(3)	1981							
	1982							
	1983							
(4)	1981							
	1982							
	1983							

TABLE 56 ACCIDENT RATES PER 10,000 BY AGE GROUP FOR GILA COUNTY

COUNTY	YEAR	Σ ACCID.	Σ POP.	ACCID. RATE per 10,000	Σ <14	ACCID. RATE per 10,000 14 & under	Σ >64	ACCID. RATE per 10,000 64 & over
GRAHAM	1981	3	23,296	1.29	3	4.33	0	--
	1982	3	23,738	1.26	1	1.42	0	--
	1983	11	24,200	4.55	4	5.57	2	7.74
	Average	5.67	-	2.37	2.67	3.77	.67	2.58
(1)	1981							
	1982							
	1983							
(2)	1981							
	1982							
	1983							
(3)	1981							
	1982							
	1983							
(4)	1981							
	1982							
	1983							

TABLE 57 ACCIDENT RATES PER 10,000 BY AGE GROUP FOR GRAHAM COUNTY

COUNTY	YEAR	Σ ACCID.	Σ POP.	ACCID. RATE per 10,000	Σ <14	ACCID. RATE per 10,000 14 & under	Σ >64	ACCID. RATE per 10,000 64 & over
GREENLEE	1981	1	11,600	.86	1	2.71	0	--
	1982	1	11,797	.85	1	2.66	0	--
	1983	2	12,000	1.67	0	--	0	--
	Average	1.33	-	1.13	.67	1.79	0	--
(1)	1981							
	1982							
	1983							
(2)	1981							
	1982							
	1983							
(3)	1981							
	1982							
	1983							
(4)	1981							
	1982							
	1983							

TABLE 58 ACCIDENT RATES PER 10,000 BY AGE GROUP FOR GREENLEE COUNTY

COUNTY	YEAR	Σ ACCID.	Σ POP.	ACCID. RATE per 10,000	Σ <14	ACCID. RATE per 10,000 14 & under	Σ >64	ACCID. RATE per 10,000 64 & over
LA PAZ	1981	5	12,708	3.93	1	2.98	0	--
	1982	6	12,860	4.67	0	--	0	--
	1983	3	13,000	2.31	0	--	0	--
	Average	4.67	--	3.64	.33	.99	0	--
(1)	1981							
	1982							
	1983							
(2)	1981							
	1982							
	1983							
(3)	1981							
	1982							
	1983							
(4)	1981							
	1982							
	1983							

TABLE 59 ACCIDENT RATES PER 10,000 BY AGE GROUP FOR LA PAZ

COUNTY	YEAR	Σ ACCID.	Σ POP.	ACCID. RATE per 10,000 acc	Σ <14	ACCID. RATE per 10,000 14 & under	Σ >64	ACCID. RATE per 10,000 >64 & over	AV. RATE per 10,000
MARICOPA	1981	819	1,549,796	5.28	233	6.59	87	4.50	
	1982	722	1,591,640	4.54	213	5.87	62	3.12	
	1983	835	1,633,100	5.11	250	6.71	80	3.92	
CITY:	Average	792	—	4.98	232	6.39	76.33	3.85	
(1) CHANDLER	1981	12	33,144	3.62	5	5.14	1	3.68	$\frac{\Sigma \text{acc}}{3.42}$
	1982	13	37,021	3.51	5	4.61	0	--	$\frac{\Sigma <14}{4.9}$
	1983	13	41,360	3.14	6	4.95	0	--	$\frac{\Sigma >64}{1.23}$
(2) GLENDALE	1981	22	100,767	2.18	6	2.28	3	3.91	$\frac{\Sigma \text{acc}}{2.48}$
	1982	28	104,495	2.68	16	5.86	3	3.77	$\frac{\Sigma <14}{3.89}$
	1983	28	108,150	2.59	10	3.53	2	2.42	$\frac{\Sigma >64}{3.37}$
(3) MESA	1981	53	160,228	3.31	20	4.92	10	5.19	$\frac{\Sigma \text{acc}}{3.47}$
	1982	58	168,399	3.44	23	5.39	9	4.44	$\frac{\Sigma <14}{5.89}$
	1983	65	177,000	3.67	33	7.35	7	3.29	$\frac{\Sigma >64}{4.31}$
(4) PHOENIX	1981	576	806,287	7.14	164	8.65	55	6.76	$\frac{\Sigma \text{acc}}{6.67}$
	1982	483	823,219	5.87	143	7.39	37	4.45	$\frac{\Sigma <14}{8.26}$
	1983	588	841,200	6.99	173	8.75	59	6.96	$\frac{\Sigma >64}{6.06}$

TABLE 60 ACCIDENT RATES PER 10,000 BY AGE GROUP FOR MARICOPA COUNTY

CITY	YEAR	Σ ACCID.	Σ POP.	ACCID. RATE per 10,000 acc.	Σ <14 acc	ACCID. RATE per 10,000 14 & under	Σ >64 acc	ACCID. RATE per 10,000 64 & over	AV. RATE per 10,000
(5) SCOTTSDALE	1981	30	92,567	3.24	9	5.84	4	3.26	Σ acc. 2.76
	1982	24	96,917	2.48	7	4.34	3	2.33	Σ < 14 4.78
	1983	26	101,472	2.56	7	4.15	2	1.49	Σ > 64 2.36
	Average	—	—	—	—	—	—	—	—
(6) TEMPE	1981	45	114,641	3.93	14	6.19	0	--	Σ acc/ 3.48
	1982	45	123,124	3.65	8	3.29	2	3.12	Σ < 14 4.05
	1983	38	132,200	2.87	7	2.68	1	1.45	Σ > 64 1.52
(7) SUN CITY	1981	3	41,598	.72	0	--	3	.93	
	1982	3	42,721	.70	0	--	3	.90	
	1983	4	43,875	.91	0	--	1	.29	
( )	1981	3.33	Average:	.78	0	--	2.33	.71	
( )	1981								
	1982								
	1983								

TABLE 61 ACCIDENT RATES PER 10,000 BY AGE GROUP FOR MARICOPA COUNTY



COUNTY	YEAR	Σ ACCID.	Σ POP.	ACCID. RATE per 10,000	Σ <14	ACCID. RATE per 10,000 14 & under	Σ ≥64	ACCID. RATE per 10,000 64 & over
MOHAVE	1981	18	57,094	3.15	1	.84	2	2.07
	1982	18	58,350	3.08	5	4.09	1	1.01
	1983	24	59,600	4.03	2	1.60	1	.99
	Average	20	-	3.42	2.67	2.18	1.33	1.36
(1)	1981							
	1982							
	1983							
(2)	1981							
	1982							
	1983							
(3)	1981							
	1982							
	1983							
(4)	1981							
	1982							
	1983							

TABLE 62 ACCIDENT RATES PER 10,000 BY AGE GROUP FOR MOHAVE COUNTY

COUNTY	YEAR	Σ ACCID.	Σ POP.	ACCID. RATE per 10,000	Σ <14	ACCID. RATE per 10,000 14 & under	Σ ≥64	ACCID. RATE per 10,000 64 & over
NAVAJO	1981	10	69,117	1.45	0	--	0	--
	1982	13	70,637	1.84	1	.41	2	4.26
	1983	11	72,200	1.52	4	1.59	0	--
	Average	11.33	—	1.60	1.67	.67	.67	1.42
(1)	1981							
	1982							
	1983							
(2)	1981							
	1982							
	1983							
(3)	1981							
	1982							
	1983							
(4)	1981							
	1982							
	1983							

TABLE 63 ACCIDENT RATES PER 10,000 BY AGE GROUP FOR NAVAJO COUNTY

COUNTY	YEAR	Σ ACCID.	Σ POP.	ACCID. RATE per 10,000	Σ ≤14	ACCID. RATE per 10,000 14 & under	Σ ≥64	ACCID. RATE per 10,000 64 & over	AV. ACC. RATE PER 10,000
PIMA	1981	242	547,386	4.42	49	4.12	38	5.67	
	1982	231	563,807	4.10	48	3.92	29	4.20	
	1983	225	581,500	3.87	58	4.60	33	4.64	
CITY:	Average	232.67	—	4.13	51.67	4.21	33.33	4.84	
(1) S. TUCSON	1981	21	6,588	31.88	4	20.81	2	25.77	Σ acc 22.17
	1982	10	6,623	15.10	2	10.35	2	25.64	Σ ≤ 14 12.10
	1983	13	6,656	19.53	1	5.15	4	51.02	Σ ≥ 64 34.14
(2) TUCSON	1981	190	340,122	5.59	38	5.44	34	8.00	Σ acc .53
	1982	183	349,985	5.23	38	5.28	25	5.72	Σ ≤ 14 5.78
	1983	183	359,855	5.09	49	6.62	27	6.00	Σ ≥ 64 6.57
(3)	1981								
	1982								
	1983								
(4)	1981								
	1982								
	1983								

TABLE 64 ACCIDENT RATES PER 10,000 BY AGE GROUP FOR PIMA COUNTY

COUNTY	YEAR	Σ ACCID.	Σ POP.	ACCID. RATE per 10,000	Σ <14	ACCID. RATE per 10,000 14 & under	Σ >64	ACCID. RATE per 10,000 64 & over
PINAL	1981	24	92,736	2.59	5	1.99	2	1.86
	1982	17	94,590	1.80	6	2.35	0	--
	1983	20	96,600	2.07	4	1.53	3.	2.68
	Average	20.33	—	2.15	5	1.96	1.67	1.51
(1)	1981							
	1982							
	1983							
(2)	1981							
	1982							
	1983							
(3)	1981							
	1982							
	1983							
(4)	1981							
	1982							
	1983							

TABLE 65 ACCIDENT RATES PER 10,000 BY AGE GROUP FOR PINAL COUNTY

COUNTY	YEAR	Σ ACCID.	Σ POP.	ACCID. RATE per 10,000	Σ <14	ACCID. RATE per 10,000 14 & under	Σ >64	ACCID. RATE per 10,000 64 & over
SANTA CRUZ	1981	9	21,031	4.28	4	6.38	3	14.16
	1982	7	21,619	3.24	2	3.10	0	--
	1983	9	22,200	4.05	3	4.53	3	13.40
	Average	8.33	-	3.86	3	4.67	2	9.19
(1)	1981							
	1982							
	1983							
(2)	1981							
	1982							
	1983							
(3)	1981							
	1982							
	1983							
(4)	1981							
	1982							
	1983							

TABLE 66 ACCIDENT RATES PER 10,000 BY AGE GROUP FOR SANTA CRUZ COUNTY

COUNTY	YEAR	Σ ACCID.	Σ POP.	ACCID. RATE per 10,000	Σ <14	ACCID. RATE per 10,000 14 & under	Σ >64	ACCID. RATE per 10,000 64 & over
YAVAPAI	1981	13	69,917	1.86	2	1.47	3	2.02
	1982	16	71,734	2.23	6	4.30	2	1.32
	1983	28	73,600	3.80	6	4.19	5	3.20
	Average	19	—	2.63	4.67	3.32	3.33	2.18
(1) PRESCOTT	1981	10	20,656	4.84	1	2.76	2	4.23
	1982	9	21,275	4.23	3	8.03	2	4.10
	1983	16	21,913	7.3	3	7.80	3	5.98
(2)	1981	11.67	Average:	5.46	2.33	6.20	2.33	4.77
	1982							
	1983							
(3)	1981							
	1982							
	1983							
(4)	1981							
	1982							
	1983							

TABLE 67 ACCIDENT RATES PER 10,000 BY AGE GROUP FOR YAVAPAI COUNTY

COUNTY	YEAR	Σ ACCID.	Σ POP.	ACCID. RATE per 10,000	Σ <14	ACCID. RATE per 10,000 14 & under	Σ >64	ACCID. RATE per 10,000 64 & over
YUMA	1981	38	78,854	4.82	17	8.15	4	4.30
	1982	28	79,721	3.51	8	3.79	5	5.32
	1983	34	80,700	4.21	11	5.15	5	5.25
CITY:	Average	33.33	-	4.18	36	5.70	4.67	4.96
(1) YUMA	1981	29	43,239	6.71	14	12.97	4	9.43
	1982	16	44,060	3.63	3	2.73	3	6.94
	1983	25	45,500	5.49	8	7.14	4	9.08
(2)	1981	23.33	Average:	5.28	8.33	7.61	3.67	8.48
	1982							
	1983							
(3)	1981							
	1982							
	1983							
(4)	1981							
	1982							
	1983							

TABLE 68 ACCIDENT RATES PER 10,000 BY AGE GROUP FOR YUMA COUNTY

COUNTY	YEAR	% OF POP. ← 14 YEARS	% OF ACCID. INVOLV. ≤ 14	% OF POP. → 64 YEARS	% OF ACCID. INVOLV. ≥ 64	
APACHE	1981	36.88	16.7	5.82	0	includes St. John's, Springerville, Eager
	1982	36.88	12.5	5.82	6.25	
	1983	36.88	14.3	5.82	0	
COCHISE	1981	25.72	50.0	11.18	11.11	includes Bisbee, Douglas, Willcox, Huachuca City
	1982	25.72	23.08	11.18	30.77	
	1983	25.72	85.71	11.18	0	
COCONINO	1981	27.39	27.77	5.23	0	includes Page, Williams, does not include Flagstaff
	1982	27.39	8.33	5.23	8.33	
	1983	27.39	33.33	5.23	8.33	
GILA	1981	26.04	23.08	13.9	7.69	includes Globe, Hayden, Miami, Payson
	1982	26.04	12.5	13.9	0	
	1983	26.04	23.08	13.9	15.4	
GRAHAM	1981	29.68	100.0	10.68	0	includes Pima, Safford, Thatcher
	1982	29.68	33.3	10.68	0	
	1983	29.68	36.36	10.68	18.18	



COUNTY	YEAR	% OF POP. ≤ 14 YEARS	% OF ACCID. INVOLV. ≤ 14	% OF POP. ≥ 64 YEARS	% OF ACCID. INVOLV. ≥ 64	
GREENLEE	1981	31.84	100.0	7.12	0	includes Clifton
	1982	31.84	100.0	7.12	0	
	1983	31.84	0	7.12	0	
LA PAZ	1981	26.45	20.0	11.80	0	includes Parker
	1982	26.45	0	11.80	0	
	1983	26.45	0	11.80	0	
MARICOPA	1981	22.8	18.07	12.48	16.87	Does not include Chandler, Glendale, Mesa, Phoenix, Scottsdale, Tempe;
	1982	22.8	15.28	12.48	11.11	includes Avondale, Buckeye, El Miral, Gila Bend, Gilbert, Goodyear, Guadalupe,
	1983	22.8	17.7	12.48	11.39	Peoria, Surprise, Tolleson, Youngtown, Wickenburg, Paradise Valley
	1981	20.97	5.55	16.94	11.11	includes Kingman, Lake Havasu City
	1982	20.97	27.77	16.94	5.55	
	1983	20.97	8.33	16.94	4.17	
NAVAJO	1981	34.86	0	6.65	0	includes Holbrook, Showlow, Snowflake, Winslow
	1982	34.86	5.88	6.65	23.53	
	1983	34.86	30.77	6.65	0	

TABLE 69 AGE GROUPS BY COUNTY (cont'd)

COUNTY	YEAR	% OF POP. ≤ 14 YEARS	% OF ACCID. INVOLV. ≤ 14	% OF POP. → 64 YEARS	% OF ACCID. INVOLV. → 64	
PIMA	1981	21.71	22.22	12.25	5.56	Does not include Tucson, S. Tucson; includes Ajo, Marana, Oro Valley
	1982	21.71	19.51	12.25	4.88	
	1983	21.71	25.81	12.25	6.45	
PINAL	1981	27.13	20.0	11.59	8.0	includes Apache Junction, Casa Grande, Coolidge, Eloy, Florence, Mammoth, Superior
	1982	27.13	31.58	11.59	0	
	1983	27.13	20.0	11.59	15.0	
SANTA CRUZ	1981	29.82	44.44	10.08	33.33	includes Nogales
	1982	29.82	28.57	10.08	0	
	1983	29.82	33.33	10.08	33.33	
YAVAPAI	1981	19.45	33.3	21.20	33.3	Does not include Prescott; includes Cottonwood, Prescott Valley
	1982	19.45	42.86	21.20	0	
	1983	19.45	25.0	21.20	16.67	
YUMA	1981	26.45	33.33	11.80	0	Does not include Yuma; includes San Luis, Somerton
	1982	26.45	41.67	11.80	16.67	
	1983	26.45	33.33	11.80	11.11	

TABLE 69 AGE GROUPS BY COUNTY (cont'd)

APACHE	1981	1982	1983
1	1		2
2			
3			
4			1
5	3	1	1
6	1		
7			1
8			
9	1		
10			
11			1
12			
13			
14			
15			
16		1	1
17			
18			
19			
20		1	
21			
$\Sigma$	6	3	7

Note:  
See Table 2  
(page 9, Volume I)  
for cause  
categories

TABLE 70 ACCIDENTS BY BEHAVIOR CAUSE CATEGORIES APACHE COUNTY

COCHISE	1981	1982	1983
1	1	1	2
2	3	2	2
3			1
4	5	2	
5	1	3	2
6	5	1	1
7	4	1	1
8	1		2
9			
10		3	
11	2		
12	1		
13		1	
14		1	
15	3		1
16	1	1	2
17		1	
18		1	
19		1	
20			
21			
$\Sigma$	27	19	14

Note:

See Table 2  
(page 9, Volume I)  
for cause  
categories

TABLE 71 ACCIDENTS BY BEHAVIOR CAUSE CATEGORIES COCHISE COUNTY

COCONINO	1981	1982	1983
1	2	1	1
2			1
3			
4	1	1	
5	1		2
6		2	1
7	1		
8			1
9			
10			
11			2
12	1		
13			
14	1	1	
15	1	2	1
16	1		1
17		1	
18			
19			
20			
21			
$\Sigma$	9	8	10

Note:

See Table 2  
(page 9, Volume I)  
for cause  
categories

TABLE 72 ACCIDENTS BY BEHAVIOR CAUSE CATEGORIES COCONINO COUNTY

GILA	1981	1982	1983
1		1	
2	1	1	2
3	2		1
4	1	4	1
5	1	3	2
6	3	1	1
7	1		
8		1	
9	2	1	1
10		1	
11			
12			1
13			
14			
15			
16	2	2	1
17			1
18		1	
19			
20			
21			
$\Sigma$	13	16	11

Note:  
See Table 2  
(page 9, Volume I)  
for cause  
categories

TABLE 73 ACCIDENTS BY BEHAVIOR CAUSE CATEGORIES GILA COUNTY

GRAHAM	1981	1982	1983
1			3
2			
3			
4			2
5	2	1	4
6		1	
7		1	1
8	1		
9			1
10			
11			
12			
13			
14			
15			
16			
17			
18			
19			
20			
21			
$\Sigma$	3	3	11

Note:  
 See Table 2  
 (page 9, Volume I)  
 for cause  
 categories

TABLE 74 ACCIDENTS BY BEHAVIOR CAUSE CATEGORIES GRAHAM COUNTY

GREENLEE	1981	1982	1983
1			
2			
3			
4			
5		1	
6	1		2
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			
17			
18			
19			
20			
21			
$\Sigma$	1	1	2

Note:  
See Table 2  
(page 9, Volume I)  
for cause  
categories

TABLE 75 ACCIDENTS BY BEHAVIOR CAUSE CATEGORIES GREENLEE COUNTY



LA PAZ	1981	1982	1983
1		2	
2			
3			1
4			
5	2	1	
6	1	1	
7			
8			
9			
10			
11	1		
12			
13			
14			
15			
16	1	2	1
17			
18			
19			
20			1
21			
$\Sigma$	5	6	3

Note:  
See Table 2  
(page 9, Volume I)  
for cause  
categories

TABLE 76 ACCIDENTS BY BEHAVIOR CAUSE CATEGORIES LA PAZ COUNTY

MARICOPA	1981	1982	1983
1	6	5	8
2	2	3	5
3	1	1	1
4	7	5	3
5	8	17	14
6	5	5	4
7	7	1	5
8	7	4	10
9	6	2	2
10	3	2	2
11		2	1
12	2		
13	1		
14	2		
15	6	4	8
16	15	13	6
17		1	3
18		1	1
19	1	1	1
20			
21			
$\Sigma$	79	67	74

Note:  
See Table 2  
(page 9, Volume I)  
for cause  
categories

TABLE 77 ACCIDENTS BY BEHAVIOR CAUSE CATEGORIES MARICOPA COUNTY

MOHAVE	1981	1982	1983
1	2	2	4
2			1
3			
4	2		2
5	4	1	6
6	2	4	3
7	1	5	2
8	2	1	
9		1	1
10	1	2	
11			
12			1
13			
14			
15	2		
16	2	2	3
17			
18			
19			
20			1
21			
$\Sigma$	18	18	24

Note:  
See Table 2  
(page 9, Volume I)  
for cause  
categories

TABLE 78 ACCIDENTS BY BEHAVIOR CAUSE CATEGORIES MOHAVE COUNTY

NAVAJO	1981	1982	1983
1	1	2	
2	1	1	
3	1	1	
4	1		
5	2	2	5
6		1	
7		3	
8	1	1	3
9			1
10			
11			
12			
13			
14			
15	3		1
16		1	
17		1	
18			
19			
20			1
21			
$\Sigma$	10	13	11

Note:  
See Table 2  
(page 9, Volume I)  
for cause  
categories

TABLE 79 ACCIDENTS BY BEHAVIOR CAUSE CATEGORIES NAVAJO COUNTY

PIMA	1981	1982	1983
1	5	4	2
2	1		
3	1	1	1
4	4	1	2
5	5	6	7
6	3	3	4
7	1	2	1
8	3	4	1
9		4	3
10	1	1	
11	1	2	1
12		1	
13			
14			
15	3	3	1
16	3	3	3
17			2
18		2	
19			1
20		1	
21			
$\Sigma$	31	38	29

Note:  
See Table 2  
(page 9, Volume I)  
for cause  
categories

TABLE 80 ACCIDENTS BY BEHAVIOR CAUSE CATEGORIES PIMA COUNTY

PINAL	1981	1982	1983
1	2	1	4
2	1		
3			
4		3	2
5	10	4	5
6	4	5	3
7		1	1
8	3		2
9			
10	1		1
11		1	
12			
13			
14	1		
15	1		
16	1		2
17		1	
18			
19			
20		1	
21			
$\Sigma$	24	17	20

Note:  
 See Table 2  
 (page 9, Volume I)  
 for cause  
 categories

TABLE 81 ACCIDENTS BY BEHAVIOR CAUSE CATEGORIES PINAL COUNTY

SANTA CRUZ	1981	1982	1983
1			1
2	2	2	2
3			
4	1		
5	4	4	2
6			3
7	1	1	1
8	1		
9			
10			
11			
12			
13			
14			
15			
16			
17			
18			
19			
20			
21			
$\Sigma$	9	7	9

Note:  
See Table 2  
(page 9, Volume I)  
for cause  
categories

YAVAPAI	1981	1982	1983
1			
2	2		
3			
4			1
5		3	3
6		1	1
7			
8		1	
9			3
10	1		1
11			
12			1
13			
14			
15		1	
16		1	1
17			
18			
19			
20			
21			1
$\Sigma$	3	7	12

Note:  
See Table 2  
(page 9, Volume I)  
for cause  
categories

TABLE 83 ACCIDENTS BY BEHAVIOR CAUSE CATEGORIES YAVAPAI COUNTY



YUMA	1981	1982	1983
1	1	1	1
2			
3		2	
4	3	1	2
5	1	1	3
6		1	2
7		1	
8	1	1	
9		1	
10	1		
11		1	1
12			
13			
14			
15	2	1	
16		1	
17			
18			
19			
20			
21			
$\Sigma$	9	12	9

NOTE:  
See Table 2  
(page 9, Volume I)  
for cause  
categories

TABLE 84 ACCIDENTS BY BEHAVIOR CAUSE CATEGORIES YUMA COUNTY

YEAR	# OF PED ACCIDENTS	% IN DAYLIGHT	% IN DARK, DAWN, DUSK	% ≤ 14 YEARS OLD	% > 64 YEARS OLD	% FATAL	% ALCOHOL, DRUG RELATED	% LYING IN ROAD	% HIT & RUN	% NOT LOCATED
1981	1	0	100	0	0	0	0	0	0	0
1982	0	0	0	0	0	0	0	0	0	0
1983	0	0	0	0	0	0	0	0	0	0
AVERAGE	1/3	0	33.33%	0	0	0	0	0	0	0

APPENDIX C  
PEDESTRIAN ACCIDENT DATA  
FOR INDIAN RESERVATIONS

YEAR	ALCOHOL INVOLVEMENT		AT FAULT			% UNKNOWN OTHER
	% DRIVER	% PED	% DRVR	% PED	% BOTH	
1981	0	0	0	100%	0	0
1982	0	0	0	0	0	0
1983	0	0	0	0	0	0
AVERAGE	0	0	0	33.33%	0	0

TABLE 85 FORT APACHE RESERVATION ACCIDENT SUMMARY  
(APACHE COUNTY)

YEAR	# OF PED ACCIDENTS	% IN DAYLIGHT	% IN DARK, DAWN, DUSK	% ≤ 14 YEARS OLD	% ≥ 64 YEARS OLD	% FATAL	% ALCOHOL, DRUG RELATED	% LYING IN ROAD	% HIT & RUN	% NOT LOCATED
1981	1	0	100	0	0	0	100	0	0	0
1982	1	0	100	0	0	100	0	0	0	0
1983	1	100	0	0	0	100	0	0	0	0
AVERAGE	1	33.33	66.7	0	0	66.7	33.3	0	0	0

C-2

YEAR	ALCOHOL INVOLVEMENT		AT FAULT			% UNKNOWN OTHER
	% DRIVER	% PED	% DRVR	% PED	% BOTH	
1981	0	100	0	100	0	0
1982	0	0	0	100	0	0
1983	0	0	0	0	0	100
AVERAGE	0	33.3	0	66.7	0	33.3

TABLE 86 GILA RIVER RESERVATION ACCIDENT SUMMARY

YEAR	# OF PED ACCIDENTS	% IN DAYLIGHT	% IN DARK, DAWN, DUSK	% ≤ 14 YEARS OLD	% ≥ 64 YEARS OLD	% FATAL	% ALCOHOL, DRUG RELATED	% LYING IN ROAD	% HIT & RUN	% NOT LOCATED
1981	11	72.7	27.3	9	0	45.5	36.4	0	18.2	2
1982	13	15.4	84.6	7.7	7.7	61.5	53.8	7.7	30.8	3
1983	7	28.6	71.4	14.3	0	42.9	57.1	14.3	28.6	1
AVERAGE	10.3	38.9	61.4	10.33	2.6	50.0	49.1	7.3	25.9	6

C-3

YEAR	ALCOHOL INVOLVEMENT		AT FAULT			% UNKNOWN OTHER
	% DRIVER	% PED	% DRVR	% PED	% BOTH	
1981	9	36.4	18.2	18.2	18.2	45.5
1982	15.4	46.2	15.4	30.8	7.7	46.2
1983	0	57.2	0	42.8	0	57.2
AVERAGE	8.13	46.6	11.2	30.6	8.6	49.6

TABLE 87 NAVAJO RESERVATION ACCIDENT SUMMARY

APACHE COUNTY

YEAR	# OF PED ACCIDENTS	% IN DAYLIGHT	% IN DARK, DAWN, DUSK	% ≤ 14 YEARS OLD	% ≥ 64 YEARS OLD	% FATAL	% ALCOHOL, DRUG RELATED	% LYING IN ROAD	% HIT & RUN	% NOT LOCATED
1981	9	33.3	66.7	22.2	0	44.4	22.2	0	0	7
1982	4	0	100	25.0	0	75	50.0	0	0	1
1983	2	0	100	50	50	50	0	0	0	1
AVERAGE	5	11.1	88.9	32.4	16.7	56.5	24.1	0	0	3

C-4

YEAR	ALCOHOL INVOLVEMENT		AT FAULT			% UNKNOWN OTHER
	% DRIVER	% PED	% DRVR	% PED	% BOTH	
1981	0	22.2	11.1	33.3	11.1	44.4
1982	25	25	25	50	25	0
1983	0	0	0	50	50	0
AVERAGE	8.3	15.7	12.0	44.43	28.7	14.8

TABLE 88 NAVAJO RESERVATION ACCIDENT SUMMARY

COCONINO COUNTY

YEAR	# OF PED ACCIDENTS	% IN DAYLIGHT	% IN DARK, DAWN, DUSK	% ≤ 14 YEARS OLD	% ≥ 64 YEARS OLD	% FATAL	% ALCOHOL, DRUG RELATED	% LYING IN ROAD	% HIT & RUN	% NOT LOCATED
1981	0	0	0	0	0	0	0	0	0	0
1982	0	0	0	0	0	0	0	0	0	0
1983	2	50	50	0	0	(4 dead) 100	0	0	0	2
AVERAGE	2/3	16.67	16.67	0	0	33.33	0	0	0	2/3

C-5

YEAR	ALCOHOL INVOLVEMENT		AT FAULT			% UNKNOWN OTHER
	% DRIVER	% PED	% DRVR	% PED	% BOTH	
1981						
1982						
1983						100
AVERAGE						33.33

TABLE 89 SAN CARLOS RESERVATION ACCIDENT SUMMARY

YEAR	# OF PED ACCIDENTS	% IN DAYLIGHT	% IN DARK, DAWN, DUSK	% ≤ 14 YEARS OLD	% ≥ 64 YEARS OLD	% FATAL	% ALCOHOL, DRUG RELATED	% LYING IN ROAD	% HIT & RUN	% NOT LOCATED
1981	1	0	100	0	0	100	100	0	0	0
1982	0	0	0	0	0	0	0	0	0	0
1983	1	0	100	0	0	0	100	0	0	0
2 YR AVERAGE	2/3	0	66.67	0	0	33.33	66.67	0	0	0

6-1

YEAR	ALCOHOL INVOLVEMENT		AT FAULT			% UNKNOWN OTHER
	% DRIVER	% PED	% DRVR	% PED	% BOTH	
1981	100	0	0	0	0	100
1982	0	0	0	0	0	0
1983	100	0	100	0	0	0
AVERAGE	66.67	0	33.33	0	0	33.33

TABLE 90 SALT RIVER RESERVATION ACCIDENT SUMMARY

YEAR	# OF PED ACCIDENTS	% IN DAYLIGHT	% IN DARK, DAWN, DUSK	% ≤ 14 YEARS OLD	% ≥ 64 YEARS OLD	% FATAL	% ALCOHOL, DRUG RELATED	% LYING IN ROAD	% HIT & RUN	% NOT LOCATED
1981	0	0	0	0	0	0	0	0	0	0
1982	2	0	100	0	0	50	100	0	0	0
1983	0	0	0	0	0	0	0	0	0	0
AVERAGE	2/3	0	33.33	0	0	16.7	33.33	0	0	0

C-7

YEAR	ALCOHOL INVOLVEMENT		AT FAULT			% UNKNOWN OTHER
	% DRIVER	% PED	% DRVR	% PED	% BOTH	
1981	0	0	0	0	0	0
1982	0	100	0	100	0	0
1983	0	0	0	0	0	0
AVERAGE	0	33.3	0	33.3	0	0

TABLE 91 NAVAJO RESERVATION ACCIDENT SUMMARY

NAVAJO COUNTY



YEAR	# OF PED ACCIDENTS	% IN DAYLIGHT	% IN DARK, DAWN, DUSK	% ≤ 14 YEARS OLD	% ≥ 64 YEARS OLD	% FATAL	% ALCOHOL, DRUG RELATED	% LYING IN ROAD	% HIT & RUN	% NOT LOCATED
1981	4	0	100	0	0	75	25	0	0	2
1982	2	0	100	0	100	100	0	0	0	1
1983	1	0	100	0	0	100	100	0	0	0
AVERAGE	2.33	0	100	0	33.3	91.7	41.7	0	0	1

C-8

YEAR	ALCOHOL INVOLVEMENT		AT FAULT			% UNKNOWN OTHER
	% DRIVER	% PED	% DRVR	% PED	% BOTH	
1981	0	25	25	0	0	75
1982	0	0	0	0	0	100
1983	0	100	100	0	0	0
AVERAGE	0	41.7	41.7	0	0	58.3

TABLE 92 FORT APACHE RESERVATION ACCIDENT SUMMARY

NAVAJO COUNTY

YEAR	# OF PED ACCIDENTS	% IN DAYLIGHT	% IN DARK, DAWN, DUSK	% ≤ 14 YEARS OLD	% ≥ 64 YEARS OLD	% FATAL	% ALCOHOL, DRUG RELATED	% LYING IN ROAD	% HIT & RUN	% NOT LOCATED
1981	0	0	0	0	0	0	0	0	0	0
1982	0	0	0	0	0	0	0	0	0	0
1983	1	0	100	0	0	0	100	0	0	0
AVERAGE	1/3	0	33.33	0	0	0	33.33	0	0	0

19

YEAR	ALCOHOL INVOLVEMENT		AT FAULT			% UNKNOWN OTHER
	% DRIVER	% PED	% DRVR	% PED	% BOTH	
1981	0	0	0	0	0	0
1982	0	0	0	0	0	0
1983	0	100	0	100	0	0
AVERAGE	0	33.33	0	33.33	0	0

TABLE 93 HOPI RESERVATION ACCIDENT SUMMARY

YEAR	# OF PED ACCIDENTS	% IN DAYLIGHT	% IN DARK, DAWN, DUSK	% ≤ 14 YEARS OLD	% ≥ 64 YEARS OLD	% FATAL	% ALCOHOL, DRUG RELATED	% LYING IN ROAD	% HIT & RUN	% NOT LOCATED
1981	5	60	40	20	0	60	40	0	40	0
1982	2	0	100	0	0	0	100	0	0	0
1983	2	0	100	0	0	0	50	0	0	0
AVERAGE	3	20	80	6.7	0	20	63.3	0	13.3	0

C-10

YEAR	ALCOHOL INVOLVEMENT		AT FAULT			% UNKNOWN OTHER
	% DRIVER	% PED	% DRVR	% PED	% BOTH	
1981	40	0	20	20	20	40
1982	0	100	0	0	50	50
1983	0	50	50	50	0	0
AVERAGE	13.3	50	23.3	23.3	23.3	30

TABLE 94 PAPAGO RESERVATION ACCIDENT SUMMARY

YEAR	# OF PED ACCIDENTS	% IN DAYLIGHT	% IN DARK, DAWN, DUSK	% ≤ 14 YEARS OLD	% ≥ 64 YEARS OLD	% FATAL	% ALCOHOL, DRUG RELATED	% LYING IN ROAD	% HIT & RUN	% NOT LOCATED
1981	0	0	0	0	0	0	0	0	0	0
1982	1	0	100	0	0	100	0	0	0	0
1983	0	0	0	0	0	0	0	0	0	0
AVERAGE	1/3	0	33.33	0	0	33.33	0	0	0	0

C- 11

YEAR	ALCOHOL INVOLVEMENT		AT FAULT			% UNKNOWN OTHER
	% DRIVER	% PED	% DRVR	% PED	% BOTH	
1981	0	0	0	0	0	0
1982	0	0	100	0	0	0
1983	0	0	0	0	0	0
AVERAGE	0	0	33.33	0	0	0

TABLE 95 SAN XAVIER RESERVATION ACCIDENT SUMMARY

YEAR	# OF PED ACCIDENTS	% IN DAYLIGHT	% IN DARK, DAWN, DUSK	% ≤ 14 YEARS OLD	% > 64 YEARS OLD	% FATAL	% ALCOHOL, DRUG RELATED	% LYING IN ROAD	% HIT & RUN	% NOT LOCATED
1981	1	0	100	0	0	100	0	0	0	0
1982	2	0	100	0	0	100	50	0	0	1
1983	0	0	0	0	0	0	0	0	0	0
AVERAGE	1	0	66.7	0	0	66.7	16.7	0	0	1/3

C-12

YEAR	ALCOHOL INVOLVEMENT		AT FAULT			% UNKNOWN OTHER
	% DRIVER	% PED	% DRVR	% PED	% BOTH	
1981	0	0	0	0	0	100
1982	0	50	0	0	0	100
1983	0	0	0	0	0	0
AVERAGE	0	16.7	0	0	0	66.7

TABLE 96 GILA RIVER RESERVATION ACCIDENT SUMMARY

PINAL COUNTY

RESERVATION	YEAR	Σ ACCID.	Σ POP.	ACCID. RATE PER 10,000	Σ ≤ 14	ACCID. RATE PER 10,000 ≤ 14*	Σ ≥ 64	ACCID. RATE PER 10,000 ≥ 64*
Salt River	1981	1	4,038	2.48	0	--	0	--
	1982	0	4,147	--	0	--	0	--
	1983	0	4,259	2.35	0	--	0	--
	AVERAGE	2/3	--	1.61	0	--	0	--
Hopi	1981	0	6,834	--	0	--	0	--
	1982	0	6,984	--	0	--	0	--
	1983	1	7,138	1.40	0	--	0	--
	AVERAGE	1/3	--	.47	0	--	0	--
Papago	1981	5	7,331	6.82	1	1.36	2	2.73
	1982	2	7,551	2.65	0	--	2	2.65
	1983	2	7,777	2.57	0	--	0	--
	AVERAGE	3	--	4.01	1/3	.45	1.67	2.22
San Xavier	1981	0	828	--	0	--	0	--
	1982	1	853	11.72	0	--	0	--
	1983	0	878	--	0	--	0	--
	AVERAGE	1/3	--	3.91	0	--	0	--

TABLE 97 RESERVATION SUMMATION

\* Population data for ≤ 14 ≥ 64 NOT AVAILABLE  
(Used rate per 10,000 of total population)

RESERVATION	YEAR	Σ ACCID.	Σ POP.	ACCID. RATE PER 10,000	Σ <14	ACCID. RATE PER 10,000 <14	Σ >64	ACCID. RATE PER 10,000 >64
Fort Apache	1981	5	7,841	6.38	0	--	0	--
	1982	2	8,076	2.48	0	--	2	2.48
	1983	1	8,318	1.20	0	--	0	--
	AVERAGE	2.67	--	3.35	0	--	2/3	.83
Navajo	1981	20	76,340	2.62	3	.39	0	--
	1982	19	78,446	2.42	2	.25	1	.13
	1983	9	80,611	1.12	2	.25	1	.12
	AVERAGE	16	--	2.05	2.33	.30	2/3	.08
San Carlos	1981	0	6,249	--	0	--	0	--
	1982	0	6,355	--	0	--	0	--
	1983	2	6,463	3.09	0	--	0	--
	AVERAGE	.67	--	1.03	0	--	0	--
Gila River	1981	2	7,345	2.72	0	--	0	--
	1982	3	7,508	4.00	0	--	0	--
	1983	1	7,674	1.30	0	--	0	--
	AVERAGE	2	--	2.67	0	-	0	-

TABLE 97 RESERVATION SUMMATION (cont'd)

APPENDIX D  
STATEWIDE PEDESTRIAN ACCIDENT SUMMARIES

CAUSE OF ACCIDENT	% OF $\Sigma$ ACCID. IN COUNTIES	% OF $\Sigma$ ACCID. IN CITIES	% OF $\Sigma$ ACCID. AT RESERVA.
1	9.48	7.17	6.02
2	4.81	17.58	1.20
3	2.06	3.40	1.20
4	8.52	3.50	26.57
5	19.78	14.18	9.64
6	10.44	4.92	10.84
7	6.18	7.95	6.02
8	7.14	18.38	4.82
9	4.12	12.36	1.20
10	2.88	1.25	6.02
11	2.20	.74	2.41
12	1.10	.51	--
13	.27	.37	1.20
14	.82	.30	--
15	6.04	2.26	4.82
16	10.16	1.75	10.84
17	1.51	.57	3.61
18	.82	.98	--
19	.69	1.11	--
20	.82	.64	3.61
21	.14	.10	--
$\Sigma$	99.98	100.02	99.96

Note:  
See Table 2  
(page 9, Volume I)  
for cause  
categories

TABLE 98 PERCENTAGE OF EACH CAUSE



YEAR	TOTAL # ACCIDENTS	# IN DAYLT	% IN DAYLT	# IN DARK, DAWN/DUSK	% IN DARK, DAWN, DUSK	# LYING IN ROAD	% LYING IN ROAD	ALCOHOL INVOLVEMENT		# OTHER/ UNKNOWN DRVR PED	% OTHER/ UNKNOWN DRVR PED	# FATAL	% FATAL
								# DRVR	% DRVR				
1981	1295	661	51.0	634	49.0	16	1.2	125	9.7	195	15.1	179	13.8
1982	1165	609	52.3	556	47.7	13	1.1	78	6.7	176	15.1	131	11.2
1983	1314	689	52.4	625	47.6	11	.8	92	7.0	194	14.8	115	8.8
TOTAL	3774	1959	--	1815	--	40	--	295	--	565	--	425	--
STATE AVG.	1258	653	51.9	605	48.1	13.3	1.0	98.3	7.8	1883	15	141.7	11.3

State Rate # accidents/total pop  
 1981 1295/2,788,888 = .046%  
 1982 1165/2,861,399 = .041%  
 1983 1314/2,937,300 = .045%

Note:  
 See Table 2  
 (page 9, Volume I)  
 for cause  
 categories

TABLE 99 STATE TOTALS AND AVERAGES