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FATAL BICYCLE ACCIDENT STATISTICS:

IOWA, 1971 AND 1972

IOWA DEPARTMENT OF PUBLIC SAFETY

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FATAL BICYCLE ACCIDENTS: IOWA, 1971 AND 1972

1. Number of Bicycle Fatal Accidents by Month: 1971-1972

<u>Month</u>	<u>1971</u>	<u>1972</u>	<u>1971-1972 % Distribution</u>
January	-	-	-
February	-	-	-
March	-	-	-
April	-	1	3.1%
May	2	6	25.0
June	4	2	18.8
July	3	1	12.5
August	1	3	12.5
September	2	3	15.6
October	-	3	9.4
November	1	-	3.1
December	-	-	-
Total	<u>13</u>	<u>19</u>	<u>100.0%</u>

2. Number of Bicycle Fatal Accidents by Day: 1971-1972

<u>Day</u>	<u>1971</u>	<u>1972</u>	<u>1971-1972 % Distribution</u>
Sunday	-	-	-
Monday	3	5	25.0%
Tuesday	1	1	6.2
Wednesday	2	5	21.9
Thursday	1	2	9.4
Friday	5	4	28.1
Saturday	<u>1</u>	<u>2</u>	<u>9.4</u>
	13	19	100.0%

3. Number of Fatal Bicycle Accidents by Time of Day: 1971-1972

<u>Time</u>	<u>Number</u>		<u>1971-1972 % Distribution</u>
	<u>1971</u>	<u>1972</u>	
6:00-6:59 A.M.	-	-	-
7:00-7:59 A.M.	-	1	3.1%
8:00-8:59 A.M.	-	1	3.1
9:00-9:59 A.M.	1	1	6.2
10:00-10:59 A.M.	1	1	6.2
11:00-11:59 A.M.	-	1	3.1
12:00-12:59 P.M.	2	-	6.2
1:00-1:59 P.M.	-	1	3.1
2:00-2:59 P.M.	-	1	3.1
3:00-3:59 P.M.	2	1	9.4
4:00-4:59 P.M.	1	2	9.4
5:00-5:59 P.M.	1	3	12.5
6:00-6:59 P.M.	-	-	-
7:00-7:59 P.M.	5	1	18.8
8:00-8:59 P.M.	-	2	6.2
9:00-9:59 P.M.	<u>-</u>	<u>3</u>	<u>9.4</u>
	13	19	100.0 ^{1/}

4. Number of Fatal Bicycle Accidents by Age by Sex: 1971-1972

<u>Age</u>	<u>1971</u>			<u>1972</u>			<u>1971-1972 % Age Distribution</u>
	<u>Number</u>	<u>Sex</u>		<u>Number</u>	<u>Sex</u>		
		<u>F</u>	<u>M</u>		<u>F</u>	<u>M</u>	
5-9	4	2	2	5	3	2	28.1%
10-14	6	1	5	7	2	5	40.6
15-19	2	-	2	4	-	4	18.8
20-24	-	-	-	1	1	-	3.1
25-34	-	-	-	1	-	1	3.1
35-44	-	-	-	-	-	-	-
45-54	-	-	-	-	-	-	-
55-64	1	1	-	-	-	-	3.1
65-74	-	-	-	-	-	-	-
75 & up	<u>-</u>	<u>-</u>	<u>-</u>	<u>1</u>	<u>-</u>	<u>1</u>	<u>3.1</u>
	13	4	9	19	6	13	100.0 ^{1/}

5. Distribution by Sex: 1971-1972

	<u>1971</u>	<u>1972</u>	<u>1971-1972 % Distribution</u>
Male	9	13	68.8%
Female	<u>4</u>	<u>6</u>	<u>31.2</u>
Total	13	19	100.0%

6. Type of Vehicle Involved:

<u>Type of Vehicle</u>	<u>1971</u>	<u>1972</u>	<u>1971-1972 % Distribution</u>
Passenger Car	8	14	68.8%
Truck	2	4	18.8
Bus	1	-	3.1
Road Grader	-	1	3.1
Motorcycle	1	-	3.1
Unknown	<u>1</u>	<u>-</u>	<u>3.1</u>
	13	19	100.0%

7. Number of Bicycle Fatal Accidents by Type Light:

	<u>1971</u>	<u>1972</u>	<u>1971-1972 % Distribution</u>
Darkness	1	5	18.8%
Dusk	1	2	9.4
Daylight	<u>11</u>	<u>12</u>	<u>71.9</u>
	13	19	100.0 ^{1/}

8. Number of Bicycle Fatal Accidents occurring at night:

	<u>1971</u>	<u>1972</u>	<u>No Reflectors, Lights on Bicycles</u>
Darkness	1	5	5
Dusk	<u>1</u>	<u>2</u>	<u>3</u>
	2	7	8

8 out of 9 bicycle accidents which happened at night didn't have reflectors.

9. Number of Bicycle Fatal Accidents by Type of Weather: 1971-1972

	<u>1971</u>	<u>1972</u>	<u>1971-1972 % Distribution</u>
Clear	11	11	68.8%
Cloudy	2	7	28.1
Rainy	<u>-</u>	<u>1</u>	<u>3.1</u>
	13	19	100.0%

10. Number of Bicycle Fatal Accidents by Type Surface Condition: 1971-1972

	<u>1971</u>	<u>1972</u>	<u>1971-1972 % Distribution</u>
Dry	13	18	96.9%
Wet	<u>-</u>	<u>1</u>	<u>3.1</u>
Total	13	19	100.0%

11. Number of Bicycle Fatal Accidents by Gradient: 1971-1972

	<u>1971</u>	<u>1972</u>	<u>1971-1972 % Distribution</u>
Level	8	16	75.0%
Downgrade	2	2	12.5
Hillcrest	1	-	3.1
Upgrade	1	1	6.2
Not Stated	<u>1</u>	<u>-</u>	<u>3.1</u>
	13	19	100.0% ^{1/}

12. Number of Bicycle Fatal Accidents by Type of Traffic Control: 1971-1972

	<u>1971</u>	<u>1972</u>	<u>1971-1972 % Distribution</u>
No Control	11	14	78.1%
Stop Sign	-	2	6.2
Speed Limit	-	1	3.1
No Passing	-	1	3.1
Warning Sign	1	-	3.1
Stop and Go Light	1	-	3.1
Others	<u>-</u>	<u>1</u>	<u>3.1</u>
Total	13	19	100.0% ^{1/}

13. Drivers Actions and Contributing Circumstances Indicated: 1971-1972

<u>Bicyclist</u>	<u>No.</u>	<u>% Dist.</u>	<u>Other Motor Vehicle Driver</u>	<u>No.</u>
No Reflectors	8	32.0%	Had Been Drinking - OMVUI	2
Mentally Retarded	2	8.0	Ran Off Road	1
Under Psychiatric Care	1	4.0	Speed Too Fast	2
Bicycle Swerved into the Path	10	40.0	Hit and Run	2
In Wrong Lane	1	4.0	Driver's Vision Obscured	3
Against Light	1	4.0	Went to Sleep	1
Failed to Stop Before Entering Street	1	4.0	Not Sure of Bicyclist Actions	1
Failed to Stop for Stop Sign	1	4.0	Driver Didn't See Bicyclist at Back	1
	<u>1</u>	<u>4.0</u>	Not Under Control	<u>1</u>
	25 ^{2/}	100.0%		14 ^{2/}

1/ Does not equal to 100% due to rounding.

2/ Bicyclist Actions and Other Motor Vehicle Driver does not necessarily equal to number of fatal accidents because there might be more than 2 factors indicated.

14. Number of Bicycle Fatal Accidents by County: 1971-1972

<u>County</u>	<u>1971</u>	<u>1972</u>
Benton	-	1
Black Hawk	-	1
Bremer	1	-
Calhoun	1	-
Carroll	1	-
Dallas	-	1
Decatur	1	-
Dickinson	-	1
Dubuque	1	-
Guthrie	1	-
Hamilton	-	1
Humboldt	1	-
Iowa	1	-
Jasper	-	1
Johnson	-	1
Lee	-	1
Linn	-	1
Mills	-	1
Polk	2	3
Scott	1	1
Sioux	-	1
Story	1	1
Wapello	-	1
Washington	-	1
Winnebago	-	1
Woodbury	<u>1</u>	<u>-</u>
Total	13	19

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