

EVALUATING ACCIDENT RATES ON VIRGINIA'S SECONDARY ROAD SYSTEM

by

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(The opinions, findings, and conclusions expressed in this report are those of the author and not necessarily those of the sponsoring agencies.)

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ABSTRACT

In order to establish priorities for allocating highway funds available for safety improvements, an investigation was made of a method for ranking the state's counties according to their accident histories. Million vehicle miles traveled, registered vehicles, and registered vehicles times road miles were used to normalize the counties' accident statistics. The normalized statistics were then used to prepare profiles on each county using the yearly accident figures from 1967 through 1971.

Based on a study of the Virginia county profiles the following conclusions were reached:

- (1) Since both the secondary road million vehicle miles traveled figures and the registered vehicles per county figures are subject to tabulation errors, neither normalization method appears to be significantly better than the other.
- (2) While the profiles can be used to compare counties, they are more useful for determining trends within each county over the 5-year period studied.
- (3) The million vehicle miles traveled method appears to be better than the registered vehicle times road miles method.

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INTRODUCTION

In the spring of 1972, the Management Services Division of the Virginia Department of Highways published the results of its management audits for the Amelia, Bowling Green, and Dillwyn residencies. The two objectives of this management audit were "to appraise the three residencies in terms of their current effectiveness in meeting service and managerial objectives, and to determine if the proposed methodology can accurately and fairly produce an appraisal of sufficient value to assist management in improving performance."^{1/} One of the service objectives evaluated was the highway safety record of each residency. The auditors determined that a detailed analysis of accident data would be beneficial, "in terms of not only ranking the districts and residencies. . .but in terms of including these rankings in affording considerations for priorities of maintenance replacement funds."^{1/}

In order to identify highway safety problem areas, methods must be available for comparing the accident rates for various regions throughout the state. Currently, Virginia uses the accident rates per million vehicle miles traveled (MVMT) for comparing areas and for analyzing the effectiveness of the interstate, primary, and secondary systems, in terms of safety. Where uniformly accurate measures of vehicle miles traveled are obtained, this is an excellent method for determining accident rates. At the present time in Virginia, the available measurements of vehicle miles traveled for the interstate and primary systems are much more accurate than those measurements available for the secondary system. Unfortunately, the impact of an error in the MVMT on the accident rate varies inversely with the volume of traffic. Therefore, in order to obtain a more accurate comparison of secondary system accident rates than is now available, either a more accurate traffic count must be conducted or an improved method of comparison must be developed. Since the secondary system in Virginia contains over 42,000 miles of roads, it would probably be economically prohibitive to obtain more accurate traffic counts. It was the purpose of the investigation reported here to attempt to develop an improved method for computing and comparing secondary road accident rates.

METHODOLOGY

A review of the literature in the subject area revealed only one study that attempted to "normalize accident data at the county level to permit evaluation of relative accident frequencies."^{2/} In this study a method was developed for drawing a profile of accident statistics for each county. The method utilized three sets of data as follows: (1) Gross accident figures, (2) registered vehicle accident rates, and (3) registered vehicle/road mile accident rates.

In drawing up the Virginia counties' profiles, the following four sets of data from each locality were used: (1) Gross accident figures, (2) million vehicle miles traveled accident rates, (3) registered vehicle accident rates, and (4) registered vehicle x road miles accident rates. By including the million vehicle miles traveled accident rates in this study, it was possible to compare the current method used in Virginia for normalizing accident statistics to the methods proposed in the Michigan study.

The gross accident figures include the total accidents, the total injuries, and the total fatalities for each county. These data are useful for identifying areas which have a large number of accidents, injuries, or fatalities. Since heavily populated counties have extremely high gross figures, any problem areas among the rural counties may not be noticeable. Hence, the total accident figures must be normalized by some method.

The million vehicle miles traveled rates include the accidents per MVMT, the injury accidents per MVMT, and the fatal accidents per MVMT for each county. The state of Virginia currently uses the MVMT method for normalizing accident statistics. However, for the profiles developed in the study, rather than use the injuries per MVMT and fatalities per MVMT figures, which are published yearly in the Summary of Accident Data,^{3/} it was decided that fatal accident and injury accident rates would be utilized. For example, suppose that during a one-year period two counties had the accident experiences shown in Table 1.

Both counties had the same number of injuries and the same number of MVMT, but county B had twice as many injury accidents as county A. Under the present method of calculating injury rates, the two counties have equal rates even though county B had twice as many accidents in which someone was injured. However, the injury accident and fatal accident rates provide the highway engineer with a more relevant picture of the counties' relative accident experiences.

TABLE 1

Comparison of Injury Rates vs Injury Accident Rates

County	Injuries	Injury Acc.	MVMT	Injuries/MVMT	Injury Acc. /MVMT
A	40	20	0.01	400	200
B	40	40	0.01	400	400

The registered vehicles rates include the accidents per registered vehicles, the injury accidents per registered vehicles, and the fatal accidents per registered vehicles for each county. Damkot and Pollock^{2/} felt that the number of registered vehicles would be a more desirable denominator for normalizing the accident rate than MVMT because it is easier and less expensive to obtain a fairly accurate count of the number of registered vehicles than to obtain accurate MVMT figures. This method was utilized in the Virginia study to determine if the relative ranking of the counties using the registered vehicles method was significantly different than the ranking obtained using the MVMT method. The registered vehicle figures used in the Virginia study represent the total number of registered vehicles for each county, and were obtained from the Division of Motor Vehicles (DMV). According to DMV, these figures indicate the number of vehicles registered from April 15 to June 30 of each year and represent approximately 90% of the vehicles registered each year in the state. The vehicles registered in the independent cities were not included since these localities maintain their own roads and keep their own accident records. This omission, of course, introduces some error in the registered vehicle rates. It was assumed that the error was not substantial due to the hypothesis which states that most of the travel on the secondary road system takes place within the immediate area of one's home while primary and interstate systems are used for longer trips.

The registered vehicle times road miles rates (RV x RdM) include the accidents per RV x RdM, the injury accidents per RV x RdM, and the fatal accidents per RV x RdM for each county. According to Damkot and Pollock, the registered vehicle method of normalization "provides for a common comparative base of the number of vehicles within counties, but it does not speak to differences in the density of the traffic on the highway system and certainly density of traffic affects accident experience. . . . The number of registered vehicles per road mile (RV/RdM) for each county yields a useable density figure. Although this figure does not indicate that traffic density for any specific location at a specific time, it does offer a comparative base of one county with another and a conceptualization of saturation levels within each county."^{2/}

In effect, the Michigan study, by using the RV/RdM normalizing factor, established the accident rate as being directly proportional to the number of accidents, directly proportional to the number of road miles, and inversely proportional to the number of registered vehicles. It is the hypothesis of this report that a more reasonable relationship would be for the accident rate to be directly proportional to the number of accidents, inversely proportional to the number of road miles, and inversely proportional to the number of registered vehicles. To illustrate this assertion, suppose that there are two counties with the accident experiences shown in Table 2.

TABLE 2

Comparison of RV/RdM and RV x RdM Normalization Methods

County	Acc.	RV	RdM	$\frac{\text{Acc.}}{\text{RV/RdM}}$	$\frac{\text{Acc.}}{\text{RV} \times \text{RdM}}$
A	100	1,000	200	20	5.0×10^{-4}
B	100	1,000	100	10	10.0×10^{-4}

Unless both counties have reached the saturation level where an increase in traffic has led to a decrease in speed and opportunities to pass, and thereby decreased the accident potential, it would appear that the Acc/RV x RdM provides a more realistic picture of the relative accident experience of the two counties. Consequently, the RV x RdM method was selected for use in this study rather than the RV/RdM method.

While any accident rate above zero has to be considered undesirable, a more realistic baseline must be defined. As in the Michigan study,^{2/} it was decided that the most desirable approach was to statistically determine a representative county. The mean or average was selected as the best comparative base. For each year of each variable, the mean and standard deviation were calculated to create a baseline and a variance around this baseline. Each county can then be placed somewhere on these distributions to indicate its relation to the other counties. This technique yields a profile for each county relative to the mean for all of the counties in aggregate. The profiles for all the Virginia counties, with a detailed explanation for their use, can be found in Appendix I.

RESULTS

After the profiles were drawn, they were arranged in comparable groups based on population and number of secondary road miles. Each group was then analyzed to determine if there were any counties whose profiles were significantly different. In all cases except one, the counties within each group had similar profiles, with no one profile being significantly different from the rest. Therefore, it was not possible to pick out any one county as being better than any other county.

The group containing profiles displaying significant differences comprised the counties of Charles City, Mathews, Middlesex, and King George. The 1970 population range for these counties was from 6,158 to 8,039. The 1970 secondary road mileage range was from 132.81 miles to 144.99 miles. Mathews, Middlesex, and King George counties had very similar profiles, with the majority of the rates being far below the state mean. However, Charles City's profile was significantly different in that over the 5-year period the accident and injury rates were two to four times greater than the rates for the three comparable counties.

In addition to their usefulness for comparing counties, these profiles provide a convenient method for determining trends within each county. For example, the profiles of Pulaski, Charlotte, and Culpeper counties reveal some interesting trends over the 5-year period.

Pulaski — Displayed an increase in accident and injury rates from 1967 to 1968, followed by a steady decline in these rates from 1968 through 1971.

Charlotte — Displayed an increase in accident and injury rates from 1967 through 1969 followed by a steady decline in these rates from 1969 through 1971.

Culpeper — Displayed a steady increase in accident and injury rates from 1967 through 1971.

CONCLUSIONS

One objective of this study was to determine if any available methods for normalizing accident statistics are better than the MVMT method in current use. Based on the results of this project the following conclusions were reached:

- (1) The RV x RdM method does not appear to be any more realistic a measurement of density than the RV/RdM method and neither is as good as the MVMT method.

- (2) The only positive conclusion concerning the MVMT and the RV rates is that they produce different relative rankings. Both the MVMT and the RV figures available for the counties are subject to errors in estimation, and neither method appears to be significantly better than the other. The advantage to using both methods in drawing the profiles is that any error made in the estimation of the MVMT for a particular county may be balanced by the RV figures. For example, in Northern Virginia the MVMT figures will probably be more accurate than the RV figures due to the influx of cars registered in other areas. In the rural counties the RV figures may be more accurate than the MVMT figures because of the prohibitive costs involved in obtaining the MVMT counts.

It should be noted that from a statistical point of view, the fatal accident figures are of little use in comparing the accident histories of the counties' secondary roads system. The size of the population tested is too small when the fatalities are broken down to the county level. It might be possible to compare the fatal accident rates of the districts, but even then the population size is relatively small.

RECOMMENDATIONS

1. Because of their use in determining trends within each county, it is recommended that the Virginia Highway Department compile and publish profiles for each county on a yearly basis. These profiles should cover, at the very least, a 5-year period and should include the following three sets of data:
 - A. Gross accident figures
 - (1) Total accidents
 - (2) Total injuries
 - (3) Total fatalities
 - B. Million vehicle miles traveled accident rates
 - (1) Accidents per MVMT
 - (2) Injury accidents per MVMT
 - (3) Fatal accidents per MVMT
 - C. Registered vehicle accident rates
 - (1) Accidents per RV
 - (2) Injury accidents per RV
 - (3) Total accidents per RV

2. The injury accident and fatal accident rates should be published in addition to, or in place of, the injury and fatality rates for use within the Highway Department.
3. Because of the influx of cars with registrations from other localities into the counties and in order to maintain uniformity between the accident statistics of the secondary system with those from the interstate and primary systems, it is recommended that research be conducted toward the following objectives:
 - A. Developing methods for more accurately determining the MVMT count for the secondary system.
 - B. Ensuring that whichever method of measurement is in use at a given time is uniformly applied throughout the state.

REFERENCES

1. Residency Management Audits — Amelia, Bowling Green and Dillwyn — Management Services Division, Virginia Department of Highways, April 10, 1972.
2. Damkot, D. K., and W. T. Pollock, Development of Highway Safety Program and Project Evaluation Criteria: Accident Experience Characterization. Highway Safety Research Institute Report No. HRIS-335040-2, November 1971.
3. Summary of Accident Data, Virginia Department of Highways. Volumes for 1967 through 1971.

APPENDIX

APPENDIX I

COUNTY PROFILES

This appendix contains the profiles for each of the ninety-four counties whose roads are under the jurisdiction of the Virginia Department of Highways. The profiles are arranged in alphabetical order, with the name of the county appearing at the top of the page. The following information is listed below the county name:

- (1) The residency and district to which the county belongs;
- (2) the number of secondary road miles contained in the county in 1970; and
- (3) the 1970 population of the county.

The profiles can best be read by locating the county of interest, turning the graph 90° counterclockwise, and reading each chart as a bar graph. Note that the baseline for the charts is the state mean (μ) and the bars are drawn relative to this value. Therefore it is easy to compare any county to the state average.

Arranged across the top of the graph (in the rotated position) is a list of the variables and years. Directly beneath this are the data for each variable-year combination for the county represented by the chart. Along the bottom of each chart are the data for the state mean, μ , (the average value for all 94 counties) and the state standard deviation, σ , (the variability of the counties around the state average). Therefore, for each county a bar above (+ σ) the baseline indicates that the county has a greater accident experience than the state average, while a bar below (- σ) this baseline indicates an experience less than the state average.

There are several items which must be kept in mind when interpreting these charts. The heavily populated counties so overpower the gross data (accidents, injuries, and fatalities) that the vast majority of counties fall below the state average. When considering the normalized fatal accident data, the counties exhibit large fluctuations with each small change in the data due to the relatively small number of fatalities. This fluctuation is further accentuated in the less populated counties because they have fewer vehicles. For a county-to-county comparison, it is best to compare counties with similar populations and numbers of road miles. Consequently, great care must be taken in interpreting these charts.

AccomackResidency: AccomackMiles of Secondary Roads, 1970: 558.59District: SuffolkPopulation, 1970: 29,004

State

μ	σ	-3σ	-2σ	$-\sigma$	μ	$+\sigma$	$+2\sigma$	$+3\sigma$			
186	398								165	Accidents	1967
210	475								176		1968
227	527								174		1969
237	590								213		1970
246	648								193		1971
81	133								84	Injuries	1967
86	161								60		1968
90	162								58		1969
90	162								56		1970
95	190								70		1971
2.4	3.5								3	Fatalities	1967
2.1	2.5								5		1968
2.9	3.4								2		1969
2.5	3.3								1		1970
2.0	3.4								3		1971
519	137								279	Acc/MVMT	1967
544	151								300		1968
543	146								277		1969
541	148								339		1970
516	143								301		1971
160	49								98	I.A./MVMT	1967
159	48								73		1968
158	47								68		1969
153	49								71		1970
148	48								80		1971
6.2	6.4								5.1	F.A./MVMT	1967
6.4	6.4								8.4		1968
8.1	7.8								3.2		1969
6.2	6.1								1.6		1970
4.3	4.3								4.7		1971
* 189	62.1								129	Acc/RV	1967
* 184	48.4								134		1968
* 187	49.9								121		1969
* 186	54.4								147		1970
* 177	55.4								128		1971
* 58.5	20.4								45.4	I.A./RV	1967
* 54.6	17.9								32.7		1968
* 54.3	18.8								30.0		1969
* 53.7	22.2								31.0		1970
* 51.6	19.5								33.9		1971
* 2.32	2.53								2.35	F.A./RV	1967
* 2.29	2.43								3.81		1968
* 2.94	3.52								1.39		1969
* 2.17	2.29								0.69		1970
* 1.58	1.88								2.00		1971
** 535	313								231	Acc/RV/RdM	1967
** 529	318								240		1968
** 533	314								217		1969
** 535	366								262		1970
** 505	334								229		1971
** 168	110								81.3	I.A./RV/RdM	1967
** 158	101								58.7		1968
** 159	109								53.6		1969
** 160	146								55.4		1970
** 150	116								60.4		1971
** 6.31	8.33								4.21	F.A./RV/RdM	1967
** 7.74	14.6								6.83		1968
** 9.39	20.3								2.49		1969
** 6.20	8.58								1.23		1970
** 4.60	8.37								3.56		1971

* times 10^{-4} ** times 10^{-7}

2056

Albemarle

Residency: CharlottesvilleMiles of Secondary Roads, 1970: 896.08District: CulpeperPopulation, 1970: 37,780

State

μ	σ	-3σ	-2σ	$-\sigma$	μ	$+\sigma$	$+2\sigma$	$+3\sigma$			
186	398								332	Accidents	1967
210	475								371		1968
227	527								413		1969
237	590								394		1970
246	648								487		1971
81	133								130	Injuries	1967
86	161								193		1968
90	162								166		1969
90	162								148		1970
95	190								162		1971
2.4	3.5								4	Fatalities	1967
2.1	2.5								7		1968
2.9	3.4								9		1969
2.5	3.3								15		1970
2.0	3.4								2		1971
519	137								591	Acc/MVMT	1967
544	151								620		1968
543	146								690		1969
541	148								525		1970
516	143								648		1971
160	49								155	I. A. / MVMT	1967
159	48								173		1968
158	47								178		1969
153	49								111		1970
148	48								151		1971
6.2	6.4								7.1	F. A. / MVMT	1967
6.4	6.4								9.9		1968
8.1	7.8								13.2		1969
6.2	6.1								15.9		1970
4.3	4.3								2.6		1971
* 189	62.1								257	Acc/RV	1967
* 184	48.4								254		1968
* 187	49.9								272		1969
* 186	54.4								252		1970
* 177	55.4								282		1971
* 58.5	20.4								67.3	I. A. / RV	1967
* 54.6	17.9								71.9		1968
* 54.3	18.8								71.1		1969
* 53.7	22.2								53.6		1970
* 51.6	19.5								66.6		1971
* 2.32	2.53								3.10	F. A. / RV	1967
* 2.29	2.43								4.11		1968
* 2.94	3.52								5.27		1969
* 2.17	2.29								7.66		1970
* 1.58	1.88								1.16		1971
** 535	313								369	Acc/RV/RdM	1967
** 529	318								367		1968
** 533	314								392		1969
** 535	366								361		1970
** 505	334								405		1971
** 168	110								96.7	I. A. / RV/RdM	1967
** 158	101								104		1968
** 159	109								103		1969
** 160	146								77.0		1970
** 150	116								95.7		1971
** 6.31	8.33								4.45	F. A. / RV/RdM	1967
** 7.74	14.6								5.93		1968
** 9.39	20.3								7.60		1969
** 6.20	8.58								11.0		1970
** 4.60	8.37								1.66		1971

* times 10^{-4} ** times 10^{-7}

Alleghany

2057

Residency: Lexington

Miles of Secondary Roads, 1970 248.82

District: Staunton

Population, 1970: 12,461

State									
	μ	σ	-3σ	-2σ	$-\sigma$	μ	$+\sigma$	$+2\sigma$	$+3\sigma$
186	398					110			
210	475					118			
227	527					108			
237	590					103			
246	648					128			
81	133					51			
86	161					40			
90	162					53			
90	162					53			
95	190					50			
2.4	3.5					2			
2.1	2.5					1			
2.9	3.4					2			
2.5	3.3					6			
2.0	3.4					0			
519	137					740			
544	151					824			
543	146					563			
541	148					546			
516	143					565			
160	49					229			
159	48					208			
158	47					170			
153	49					164			
148	48					128			
6.2	6.4					13.4			
6.4	6.4					6.7			
8.1	7.8					10.6			
6.2	6.1					26.4			
4.3	4.3					0			
* 189	62.1					218			
* 184	48.4					220			
* 187	49.9					180			
* 186	54.4					168			
* 177	55.4					198			
* 58.5	20.4					67.4			
* 54.6	17.9					57.9			
* 54.3	18.8					54.3			
* 53.7	22.2					50.6			
* 51.6	19.5					44.8			
* 2.32	2.53					3.97			
* 2.29	2.43					1.87			
* 2.94	3.52					3.39			
* 2.17	2.29					8.16			
* 1.58	1.88					0			
** 535	313					879			
** 529	318					925			
** 533	314					723			
** 535	366					676			
** 505	334					791			
** 168	110					272			
** 158	101					243			
** 159	109					218			
** 160	146					203			
** 150	116					179			
** 6.31	8.33					16.0			
** 7.74	14.6					7.84			
** 9.39	20.3					13.6			
** 6.20	8.58					32.8			
** 4.60	8.37					0			

* times 10^{-4} ** times 10^{-7}

Amelia

Residency: Amelia
 District: Richmond

Miles of Secondary Roads, 1970: 345.72Population, 1970: 7,592

State

μ	σ	-3σ	-2σ	$-\sigma$	μ	$+\sigma$	$+2\sigma$	$+3\sigma$			
186	398							72	Accidents	1967	
210	475							74		1968	
227	527							107		1969	
237	590							108		1970	
246	648							102		1971	
81	133							23	Injuries	1967	
86	161							23		1968	
90	162							21		1969	
90	162							13		1970	
95	190							24		1971	
2.4	3.5							1	Fatalities	1967	
2.1	2.5							0		1968	
2.9	3.4							8		1969	
2.5	3.3							2		1970	
2.0	3.4							3		1971	
519	137							410	Acc/MVMT	1967	
544	151							422		1968	
543	146							534		1969	
541	148							514		1970	
516	143							507		1971	
160	49							97	I.A./MVMT	1967	
159	48							91		1968	
158	47							70		1969	
153	49							55		1970	
148	48							104		1971	
6.2	6.4							5.7	F.A./MVMT	1967	
6.4	6.4							0		1968	
8.1	7.8							24.0		1969	
6.2	6.1							9.9		1970	
4.3	4.3							14.9		1971	
* 189	62.1							266	Acc/RV	1967	
* 184	48.4							242		1968	
* 187	49.9							334		1969	
* 186	54.4							304		1970	
* 177	55.4							293		1971	
* 58.5	20.4							60.5	I.A./RV	1967	
* 54.6	17.9							52.4		1968	
* 54.3	18.8							43.7		1969	
* 53.7	22.2							32.5		1970	
* 51.6	19.5							60.4		1971	
* 2.32	2.53							3.56	F.A./RV	1967	
* 2.29	2.43							0		1968	
* 2.94	3.52							15.6		1969	
* 2.17	2.29							5.91		1970	
* 1.58	1.88							8.68		1971	
** 535	313							743	Acc/RV/RdM	1967	
** 529	318							703		1968	
** 533	314							965		1969	
** 535	366							880		1970	
** 505	334							843		1971	
** 168	110							175	I.A./RV/RdM	1967	
** 158	101							152		1968	
** 159	109							126		1969	
** 160	146							94		1970	
** 150	116							174		1971	
** 6.31	8.33							10.3	F.A./RV/RdM	1967	
** 7.74	14.6							0		1968	
** 9.39	20.3							45.1		1969	
** 6.20	8.58							17.1		1970	
** 4.60	8.37							24.8		1971	

* times 10^{-4} ** times 10^{-7}

Amherst

2059

Residency: Amherst

Miles of Secondary Roads, 1970: 510.41

District: Lynchburg

Population, 1970: 26,072

State

μ	σ	-3σ	-2σ	$-\sigma$	μ	$+\sigma$	$+2\sigma$	$+3\sigma$			
186	398								158	Accidents	1967
210	475								190		1968
227	527								170		1969
237	590								177		1970
246	648								185		1971
81	133								80	Injuries	1967
86	161								71		1968
90	162								76		1969
90	162								57		1970
95	190								69		1971
2.4	3.5								2	Fatalities	1967
2.1	2.5								1		1968
2.9	3.4								3		1969
2.5	3.3								4		1970
2.0	3.4								1		1971
519	137								704	Acc/MVMT	1967
544	151								848		1968
543	146								758		1969
541	148								755		1970
516	143								789		1971
160	49								236	I. A. /MVMT	1967
159	48								196		1968
158	47								222		1969
153	49								158		1970
148	48								204		1971
6.2	6.4								8.9	F. A. /MVMT	1967
6.4	6.4								4.4		1968
8.1	7.8								8.9		1969
6.2	6.1								12.8		1970
4.3	4.3								4.2		1971
* 189	62.1								185	Acc/RV	1967
* 184	48.4								198		1968
* 187	49.9								169		1969
* 186	54.4								167		1970
* 177	55.4								165		1971
* 58.5	20.4								61.9	I. A. /RV	1967
* 54.6	17.9								46.0		1968
* 54.3	18.8								49.7		1969
* 53.7	22.2								34.8		1970
* 51.6	19.5								42.8		1971
* 2.32	2.53								2.34	F. A. /RV	1967
* 2.29	2.43								1.04		1968
* 2.94	3.52								1.99		1969
* 2.17	2.29								2.82		1970
* 1.58	1.88								0.89		1971
** 535	313								363	Acc/RV/RdM	1967
** 529	318								391		1968
** 533	314								333		1969
** 535	366								326		1970
** 505	334								323		1971
** 168	110								122	I. A. /RV/RdM	1967
** 158	101								90.6		1968
** 159	109								97.9		1969
** 160	146								68.2		1970
** 150	116								83.8		1971
** 6.31	8.33								4.60	F. A. /RV/RdM	1967
** 7.74	14.6								2.06		1968
** 9.39	20.3								3.92		1969
** 6.20	8.58								5.53		1970
** 4.60	8.37								1.75		1971

* times 10^{-4} ** times 10^{-7}

Appomattox

Residency: Appomattox
 District: Lynchburg

Miles of Secondary Roads, 1970: 416.04
 Population, 1970: 9,784

State		μ	σ	-3σ	-2σ	$-\sigma$	μ	$+\sigma$	$+2\sigma$	$+3\sigma$		
186	398									79	Accidents	1967
210	475									82		1968
227	527									94		1969
237	590									98		1970
246	648									73		1971
81	133									43	Injuries	1967
86	161									40		1968
90	162									68		1969
95	190									67		1970
2.4	3.5									48		1971
2.1	2.5									0	Fatalities	1967
2.9	3.4									0		1968
2.5	3.3									0		1969
2.0	3.4									1		1970
												1971
519	137									496	Acc/MVMT	1967
544	151									494		1968
543	146									566		1969
541	148									547		1970
516	143									368		1971
160	49									188	I. A. / MVMT	1967
159	48									162		1968
158	47									234		1969
153	49									201		1970
148	48									151		1971
6.2	6.4									0	F. A. / MVMT	1967
6.4	6.4									0		1968
8.1	7.8									0		1969
6.2	6.1									0		1970
4.3	4.3									5		1971
* 189	62.1									185	Acc/RV	1967
* 184	48.4									178		1968
* 187	49.9									194		1969
* 186	54.4									192		1970
* 177	55.4									139		1971
* 58.5	20.4									70.2	I. A. / RV	1967
* 54.6	17.9									58.7		1968
* 54.3	18.8									80.4		1969
* 53.7	22.2									70.4		1970
* 51.6	19.5									57.1		1971
* 2.32	2.53									0	F. A. / RV	1967
* 2.29	2.43									0		1968
* 2.94	3.52									0		1969
* 2.17	2.29									0		1970
* 1.58	1.88									1.90		1971
** 535	313									445	Acc/RV/RdM	1967
** 529	318									429		1968
** 533	314									467		1969
** 535	366									461		1970
** 505	334									333		1971
** 168	110									169	I. A. / RV/RdM	1967
** 158	101									141		1968
** 159	109									194		1969
** 160	146									169		1970
** 150	116									137		1971
** 6.31	8.33									0	F. A. / RV/RdM	1967
** 7.74	14.6									0		1968
** 9.39	20.3									0		1969
** 6.20	8.58									0		1970
** 4.60	8.37									4.56		1971

* times 10^{-4} ** times 10^{-7}

2061

AugustaResidency: StauntonMiles of Secondary Roads, 1970: 938.86District: StauntonPopulation, 1970: 44,220

State										
μ	σ	-3σ	-2σ	$-\sigma$	μ	$+\sigma$	$+2\sigma$	$+3\sigma$		
186	398								350	Accidents
210	475								350	1967
227	527								399	1968
237	590								451	1969
246	648								426	1970
81	133								173	1971
86	161								133	Injuries
90	162								168	1967
90	162								175	1968
95	190								183	1969
2.4	3.5								4	1970
2.1	2.5								6	1971
2.9	3.4								5	Fatalities
2.5	3.3								8	1967
2.0	3.4								3	1968
519	137								540	1969
544	151								486	1970
543	146								554	1971
541	148								552	Acc/MVMT
516	143								521	1967
160	49								140	1968
159	48								128	1969
158	47								160	1970
153	49								152	1971
148	48								149	I.A./MVMT
6.2	6.4								6.2	1967
6.4	6.4								8.3	1968
8.1	7.8								5.5	1969
6.2	6.1								8.6	1970
4.3	4.3								3.7	1971
* 189	62.1								205	Acc/RV
* 184	48.4								157	1967
* 187	49.9								171	1968
* 186	54.4								185	1969
* 177	55.4								168	1970
* 58.5	20.4								53.3	1971
* 54.6	17.9								41.8	I.A./RV
* 54.3	18.8								49.6	1967
* 53.7	22.2								50.8	1968
* 51.6	19.5								48.0	1969
* 2.32	2.53								2.34	1970
* 2.29	2.43								2.69	1971
* 2.94	3.52								1.71	F.A./RV
* 2.17	2.29								2.87	1967
* 1.58	1.88								1.18	1968
** 535	313								220	Acc/RV/RdM
** 529	318								169	1967
** 533	314								183	1968
** 535	366								197	1969
** 505	334								178	1970
** 168	110								57.2	1971
** 158	101								44.9	I.A./RV/RdM
** 159	109								53.3	1967
** 160	146								54.1	1968
** 150	116								51.1	1969
** 6.31	8.33								2.51	1970
** 7.74	14.6								2.89	F.A./RV/RdM
** 9.39	20.3								1.84	1967
** 6.20	8.58								3.05	1968
** 4.60	8.37								1.26	1969

* times 10^{-4} ** times 10^{-7}

202

Bath

Residency: Lexington
 District: Staunton

Miles of Secondary Roads, 1970: 244.17Population, 1970: 5,192

State										Accidents	1967
μ	σ	-3σ	-2σ	$-\sigma$	μ	$+\sigma$	$+2\sigma$	$+3\sigma$			
186	398							58	Accidents	1967	
210	475							60		1968	
227	527							43		1969	
237	590							45		1970	
246	648							61		1971	
81	133							26	Injuries	1967	
86	161							23		1968	
90	162							24		1969	
90	162							14		1970	
95	190							42		1971	
2.4	3.5							0	Fatalities	1967	
2.1	2.5							2		1968	
2.9	3.4							0		1969	
2.5	3.3							0		1970	
2.0	3.4							0		1971	
519	137							773	Acc/MVMT	1967	
544	151							756		1968	
543	146							542		1969	
541	148							485		1970	
516	143							658		1971	
160	49							240	I. A. /MVMT	1967	
159	48							186		1968	
158	47							162		1969	
153	49							86		1970	
148	48							248		1971	
6.2	6.4							0	F. A. /MVMT	1967	
6.4	6.4							24.8		1968	
8.1	7.8							0		1969	
6.2	6.1							0		1970	
4.3	4.3							0		1971	
* 189	62.1							243	Acc/RV	1967	
* 184	48.4							238		1968	
* 187	49.9							166		1969	
* 186	54.4							172		1970	
* 177	55.4							230		1971	
* 58.5	20.4							75.4	I. A. /RV	1967	
* 54.6	17.9							59.5		1968	
* 54.3	18.8							50.3		1969	
* 53.7	22.2							30.6		1970	
* 51.6	19.5							86.7		1971	
* 2.32	2.53							0	F. A. /RV	1967	
* 2.29	2.43							7.94		1968	
* 2.94	3.52							0		1969	
* 2.17	2.29							0		1970	
* 1.58	1.88							0		1971	
** 535	313							993	Acc/RV/RdM	1967	
** 529	318							975		1968	
** 533	314							681		1969	
** 535	366							706		1970	
** 505	334							942		1971	
** 168	110							308	I. A. /RV/RdM	1967	
** 158	101							244		1968	
** 159	109							206		1969	
** 160	146							125		1970	
** 150	116							355		1971	
** 6.31	8.33							0	F. A. /RV/RdM	1967	
** 7.74	14.6							32.5		1968	
** 9.39	20.3							0		1969	
** 6.20	8.58							0		1970	
** 4.60	8.37							0		1971	

* times 10^{-4} ** times 10^{-7}

Bedford

2063

Residency: Bedford

Miles of Secondary Roads, 1970: 861.31

District: Salem

Population, 1970: 26,728

State

μ	σ	-3σ	-2σ	$-\sigma$	μ	$+\sigma$	$+2\sigma$	$+3\sigma$			
186	398							194	Accidents	1967	
210	475							249		1968	
227	527							261		1969	
237	590							262		1970	
246	648							263		1971	
81	133							68	Injuries	1967	
86	161							112		1968	
90	162							129		1969	
90	162							114		1970	
95	190							132		1971	
2.4	3.5							1	Fatalities	1967	
2.1	2.5							5		1968	
2.9	3.4							1		1969	
2.5	3.3							5		1970	
2.0	3.4							2		1971	
519	137							528	Acc/MVMT	1967	
544	151							571		1968	
543	146							598		1969	
541	148							573		1970	
516	143							576		1971	
160	49							120	I.A./MVMT	1967	
159	48							179		1968	
158	47							178		1969	
153	49							181		1970	
148	48							199		1971	
6.2	6.4							2.7	F.A./MVMT	1967	
6.4	6.4							4.6		1968	
8.1	7.8							2.3		1969	
6.2	6.1							8.7		1970	
4.3	4.3							4.4		1971	
* 189	62.1							138	Acc/RV	1967	
* 184	48.4							167		1968	
* 187	49.9							168		1969	
* 186	54.4							215		1970	
* 177	55.4							160		1971	
* 58.5	20.4							31.4	I.A./RV	1967	
* 54.6	17.9							52.4		1968	
* 54.3	18.8							50.1		1969	
* 53.7	22.2							68.2		1970	
* 51.6	19.5							55.2		1971	
* 2.32	2.53							0.71	F.A./RV	1967	
* 2.29	2.43							1.34		1968	
* 2.94	3.52							0.64		1969	
* 2.17	2.29							3.29		1970	
* 1.58	1.88							1.21		1971	
** 535	313							161	Acc/RV/RdM	1967	
** 529	318							194		1968	
** 533	314							195		1969	
** 535	366							250		1970	
** 505	334							185		1971	
** 168	110							36.4	I.A./RV/RdM	1967	
** 158	101							60.9		1968	
** 159	109							58.3		1969	
** 160	146							79.2		1970	
** 150	116							64.1		1971	
** 6.31	8.33							0.83	F.A./RV/RdM	1967	
** 7.74	14.6							1.56		1968	
** 9.39	20.3							0.75		1969	
** 6.20	8.58							3.81		1970	
** 4.60	8.37							1.41		1971	

* times 10^{-4} ** times 10^{-7}

Bland

Residency: Tazewell
 District: Bristol

Miles of Secondary Roads, 1970: 203.44
 Population, 1970: 5,423

State										Accidents	1967 1968 1969 1970 1971
μ	σ	-3σ	-2σ	$-\sigma$	μ	$+\sigma$	$+2\sigma$	$+3\sigma$			
186	398								39	Accidents	1967
210	475								58		1968
227	527								54		1969
237	590								50		1970
246	648								55		1971
81	133								15	Injuries	1967
86	161								21		1968
90	162								11		1969
90	162								26		1970
95	190								24		1971
2.4	3.5								0	Fatalities	1967
2.1	2.5								0		1968
2.9	3.4								0		1969
2.5	3.3								0		1970
2.0	3.4								1		1971
519	137								642	Acc/MVMT	1967
544	151								699		1968
543	146								651		1969
541	148								566		1970
516	143								622		1971
160	49								198	I.A./MVMT	1967
159	48								169		1968
158	47								132		1969
153	49								158		1970
148	48								181		1971
6.2	6.4								0	F.A./MVMT	1967
6.4	6.4								0		1968
8.1	7.8								0		1969
6.2	6.1								0		1970
4.3	4.3								11.3		1971
* 189	62.1								203	Acc/RV	1967
* 184	48.4								274		1968
* 187	49.9								253		1969
* 186	54.4								222		1970
* 177	55.4								241		1971
* 58.5	20.4								62.5	I.A./RV	1967
* 54.6	17.9								66.3		1968
* 54.3	18.8								51.6		1969
* 53.7	22.2								62.1		1970
* 51.6	19.5								70.1		1971
* 2.32	2.53								0	F.A./RV	1967
* 2.29	2.43								0		1968
* 2.94	3.52								0		1969
* 2.17	2.29								0		1970
* 1.58	1.88								4.38		1971
** 535	313								997	Acc/RV/RdM	1967
** 529	318								1350		1968
** 533	314								1250		1969
** 535	366								1090		1970
** 505	334								1180		1971
** 168	110								307	I.A./RV/RdM	1967
** 158	101								326		1968
** 159	109								254		1969
** 160	146								305		1970
** 150	116								344		1971
** 6.31	8.33								0	F.A./RV/RdM	1967
** 7.74	14.6								0		1968
** 9.39	20.3								0		1969
** 6.20	8.58								0		1970
** 4.60	8.37								21.5		1971

* times 10^{-4} ** times 10^{-7}

2065

Botetourt

Residency: Salem
 District: Salem

Miles of Secondary Roads, 1970: 489.37
 Population, 1970: 18,193

State

μ	σ	-3σ	-2σ	$-\sigma$	μ	$+\sigma$	$+2\sigma$	$+3\sigma$			
186	398							117	Accidents	1967	
210	475							124		1968	
227	527							166		1969	
237	590							167		1970	
246	648							169		1971	
81	133							40	Injuries	1967	
86	161							54		1968	
90	162							59		1969	
90	162							70		1970	
95	190							64		1971	
2.4	3.5							4	Fatalities	1967	
2.1	2.5							0		1968	
2.9	3.4							1		1969	
2.5	3.3							4		1970	
2.0	3.4							3		1971	
519	137							469	Acc/MVMT	1967	
544	151							452		1968	
543	146							605		1969	
541	148							528		1970	
516	143							535		1971	
160	49							108	I.A./MVMT	1967	
159	48							139		1968	
158	47							153		1969	
153	49							161		1970	
148	48							120		1971	
6.2	6.4							12.0	F.A./MVMT	1967	
6.4	6.4							0		1968	
8.1	7.8							3.6		1969	
6.2	6.1							9.5		1970	
4.3	4.3							6.3		1971	
* 189	62.1							149	Acc/RV	1967	
* 184	48.4							150		1968	
* 187	49.9							192		1969	
* 186	54.4							183		1970	
* 177	55.4							177		1971	
* 58.5	20.4							34.4	I.A./RV	1967	
* 54.6	17.9							45.8		1968	
* 54.3	18.8							48.7		1969	
* 53.7	22.2							55.9		1970	
* 51.6	19.5							39.8		1971	
* 2.32	2.53							3.82	F.A./RV	1967	
* 2.29	2.43							0		1968	
* 2.94	3.52							1.16		1969	
* 2.17	2.29							3.29		1970	
* 1.58	1.88							2.09		1971	
** 535	313							304	Acc/RV/RdM	1967	
** 529	318							305		1968	
** 533	314							393		1969	
** 535	366							374		1970	
** 505	334							362		1971	
** 168	110							70.1	I.A./RV/RdM	1967	
** 158	101							93.5		1968	
** 159	109							99.4		1969	
** 160	146							114		1970	
** 150	116							81.3		1971	
** 6.31	8.33							7.79	F.A./RV/RdM	1967	
** 7.74	14.6							0		1968	
** 9.39	20.3							2.37		1969	
** 6.20	8.58							6.71		1970	
** 4.60	8.37							4.28		1971	

* times 10^{-4} ** times 10^{-7}

2066

Brunswick

Residency: South Hill
 District: Richmond

Miles of Secondary Roads, 1970: 581.28
 Population, 1970: 16,172

State

μ	σ	-3σ	-2σ	$-\sigma$	μ	$+\sigma$	$+2\sigma$	$+3\sigma$			
186	398							153	Accidents	1967	
210	475							175		1968	
227	527							174		1969	
237	590							169		1970	
246	648							161		1971	
81	133							63	Injuries	1967	
86	161							91		1968	
90	162							86		1969	
90	162							74		1970	
95	190							76		1971	
2.4	3.5							1	Fatalities	1967	
2.1	2.5							3		1968	
2.9	3.4							3		1969	
2.5	3.3							2		1970	
2.0	3.4							5		1971	
519	137							530	Acc/MVMT	1967	
544	151							497		1968	
543	146							494		1969	
541	148							482		1970	
516	143							459		1971	
160	49							163	I.A./MVMT	1967	
159	48							159		1968	
158	47							150		1969	
153	49							143		1970	
148	48							142		1971	
6.2	6.4							3.5	F.A./MVMT	1967	
6.4	6.4							8.5		1968	
8.1	7.8							8.5		1969	
6.2	6.1							5.7		1970	
4.3	4.3							14.2		1971	
* 189	62.1							224	Acc/RV	1967	
* 184	48.4							267		1968	
* 187	49.9							268		1969	
* 186	54.4							256		1970	
* 177	55.4							241		1971	
* 58.5	20.4							68.9	I.A./RV	1967	
* 54.6	17.9							85.5		1968	
* 54.3	18.8							81.7		1969	
* 53.7	22.2							75.8		1970	
* 51.6	19.5							74.9		1971	
* 2.32	2.53							1.47	F.A./RV	1967	
* 2.29	2.43							4.58		1968	
* 2.94	3.52							4.62		1969	
* 2.17	2.29							3.03		1970	
* 1.58	1.88							7.49		1971	
** 535	313							386	Acc/RV/RdM	1967	
** 529	318							460		1968	
** 533	314							462		1969	
** 535	366							441		1970	
** 505	334							415		1971	
** 168	110							119	I.A./RV/RdM	1967	
** 158	101							147		1968	
** 159	109							141		1969	
** 160	146							130		1970	
** 150	116							129		1971	
** 6.31	8.33							2.52	F.A./RV/RdM	1967	
** 7.74	14.6							7.89		1968	
** 9.39	20.3							7.97		1969	
** 6.20	8.58							5.22		1970	
** 4.60	8.37							12.9		1971	

* times 10^{-4} ** times 10^{-7}

BuchananResidency: LebanonMiles of Secondary Roads, 1970: 440.25District: BristolPopulation, 1970: 32,071

State										Accidents	1967
μ	σ	-3σ	-2σ	$-\sigma$	μ	$+\sigma$	$+2\sigma$	$+3\sigma$			
186	398								254	Accidents	1967
210	475								261		1968
227	527								244		1969
237	590								340		1970
246	648								358		1971
81	133								96	Injuries	1967
86	161								99		1968
90	162								97		1969
90	162								112		1970
95	190								126		1971
2.4	3.5								1	Fatalities	1967
2.1	2.5								4		1968
2.9	3.4								5		1969
2.5	3.3								3		1970
2.0	3.4								2		1971
519	137								509	Acc/MVMT	1967
544	151								509		1968
543	146								475		1969
541	148								583		1970
516	143								614		1971
160	49								130	I. A. / MVMT	1967
159	48								132		1968
158	47								122		1969
153	49								139		1970
148	48								145		1971
6.2	6.4								2.0	F. A. / MVMT	1967
6.4	6.4								5.8		1968
8.1	7.8								7.8		1969
6.2	6.1								3.4		1970
4.3	4.3								3.4		1971
* 189	62.1								258	Acc/RV	1967
* 184	48.4								240		1968
* 187	49.9								217		1969
* 186	54.4								289		1970
* 177	55.4								274		1971
* 58.5	20.4								66.0	I. A. / RV	1967
* 54.6	17.9								62.7		1968
* 54.3	18.8								56.0		1969
* 53.7	22.2								68.8		1970
* 51.6	19.5								65.1		1971
* 2.32	2.53								1.01	F. A. / RV	1967
* 2.29	2.43								2.76		1968
* 2.94	3.52								3.56		1969
* 2.17	2.29								1.70		1970
* 1.58	1.88								1.53		1971
** 535	313								583	Acc/RV/RdM	1967
** 529	318								544		1968
** 533	314								491		1969
** 535	366								656		1970
** 505	334								623		1971
** 168	110								149	I. A. / RV/RdM	1967
** 158	101								142		1968
** 159	109								127		1969
** 160	146								156		1970
** 150	116								148		1971
** 6.31	8.33								2.30	F. A. / RV/RdM	1967
** 7.74	14.6								6.25		1968
** 9.39	20.3								8.04		1969
** 6.20	8.58								3.86		1970
** 4.60	8.37								3.48		1971

* times 10^{-4} ** times 10^{-7}

2068

Buckingham

Residency: Dillwyn
 District: Lynchburg

Miles of Secondary Roads, 1970: 552.49
 Population, 1970: 10,597

State									
μ	σ	-3σ	-2σ	$-\sigma$	μ	$+\sigma$	$+2\sigma$	$+3\sigma$	
186	398							71	Accidents
210	475							71	1967
227	527							88	1968
237	590							72	1969
246	648							90	1970
									1971
81	133							44	Injuries
86	161							47	1967
90	162							60	1968
90	162							41	1969
95	190							45	1970
									1971
2.4	3.5							0	Fatalities
2.1	2.5							1	1967
2.9	3.4							3	1968
2.5	3.3							2	1969
2.0	3.4							0	1970
									1971
519	137							456	Acc/MVMT
544	151							457	1967
543	146							522	1968
541	148							427	1969
516	143							485	1970
									1971
160	49							212	I.A./MVMT
159	48							212	1967
158	47							213	1968
153	49							142	1969
148	48							130	1970
									1971
6.2	6.4							0	F.A./MVMT
6.4	6.4							6.4	1967
8.1	7.8							17.7	1968
6.2	6.1							11.8	1969
4.3	4.3							0	1970
									1971
* 189	62.1							176	Acc/RV
* 184	48.4							171	1967
* 187	49.9							206	1968
* 186	54.4							162	1969
* 177	55.4							197	1970
									1971
* 58.5	20.4							81.6	I.A./RV
* 54.6	17.9							79.5	1967
* 54.3	18.8							84.2	1968
* 53.7	22.2							54.1	1969
* 51.6	19.5							52.6	1970
									1971
* 2.32	2.53							0	F.A./RV
* 2.29	2.43							2.41	1967
* 2.94	3.52							7.02	1968
* 2.17	2.29							4.51	1969
* 1.58	1.88							0	1970
									1971
** 535	313							318	Acc/RV/RdM
** 529	318							311	1967
** 533	314							373	1968
** 535	366							294	1969
** 505	334							355	1970
									1971
** 168	110							148	I.A./RV/RdM
** 158	101							144	1967
** 159	109							152	1968
** 160	146							97.9	1969
** 150	116							94.6	1970
									1971
** 6.31	8.33							0	F.A./RV/RdM
** 7.74	14.6							4.38	1967
** 9.39	20.3							1.27	1968
** 6.20	8.58							8.15	1969
** 4.60	8.37							0	1970
									1971

* times 10^{-4} ** times 10^{-7}

2069

CampbellResidency: AppomattoxMiles of Secondary Roads, 1970: 636.02District: LynchburgPopulation, 1970: 43,319

State

μ	σ	-3σ	-2σ	$-\sigma$	μ	$+\sigma$	$+2\sigma$	$+3\sigma$			
186	398								260	Accidents	1967
210	475								338		1968
227	527								347		1969
237	590								362		1970
246	648								386		1971
81	133								132	Injuries	1967
86	161								189		1968
90	162								196		1969
90	162								168		1970
95	190								238		1971
2.4	3.5								2	Fatalities	1967
2.1	2.5								1		1968
2.9	3.4								4		1969
2.5	3.3								6		1970
2.0	3.4								4		1971
519	137								519	Acc/MVMT	1967
544	151								677		1968
543	146								613		1969
541	148								639		1970
516	143								591		1971
160	49								172	I. A. /MVMT	1967
159	48								256		1968
158	47								223		1969
153	49								200		1970
148	48								245		1971
6.2	6.4								4.0	F. A. /MVMT	1967
6.4	6.4								2.0		1968
8.1	7.8								7.0		1969
6.2	6.1								8.7		1970
4.3	4.3								6.1		1971
* 189	62.1								149	Acc/RV	1967
* 184	48.4								178		1968
* 187	49.9								170		1969
* 186	54.4								165		1970
* 177	55.4								163		1971
* 58.5	20.4								49.4	I. A. /RV	1967
* 54.6	17.9								68.1		1968
* 54.3	18.8								62.2		1969
* 53.7	22.2								52.3		1970
* 51.6	19.5								68.0		1971
* 2.32	2.53								1.15	F. A. /RV	1967
* 2.29	2.43								0.53		1968
* 2.94	3.52								1.96		1969
* 2.17	2.29								2.27		1970
* 1.58	1.88								1.69		1971
** 535	313								236	Acc/RV/RdM	1967
** 529	318								284		1968
** 533	314								267		1969
** 535	366								259		1970
** 505	334								253		1971
** 168	110								78.1	I. A. /RV/RdM	1967
** 158	101								108		1968
** 159	109								97.9		1969
** 160	146								82.2		1970
** 150	116								105		1971
** 6.31	8.33								1.82	F. A. /RV/RdM	1967
** 7.74	14.6								0.84		1968
** 9.39	20.3								3.08		1969
** 6.20	8.58								3.57		1970
** 4.60	8.37								2.62		1971

* times 10^{-4} ** times 10^{-7}

2070

Caroline

Residency: Bowling Green
 District: Fredericksburg

Miles of Secondary Roads, 1970: 452.26
 Population, 1970: 13,925

State										
μ	σ	-3σ	-2σ	$-\sigma$	μ	$+\sigma$	$+2\sigma$	$+3\sigma$		
186	398								116	Accidents 1967
210	475								144	1968
227	527								139	1969
237	590								110	1970
246	648								162	1971
81	133								45	Injuries 1967
86	161								67	1968
90	162								64	1969
90	162								58	1970
95	190								64	1971
2.4	3.5								1	Fatalities 1967
2.1	2.5								2	1968
2.9	3.4								2	1969
2.5	3.3								0	1970
2.0	3.4								2	1971
519	137								422	Acc/MVMT 1967
544	151								524	1968
543	146								451	1969
541	148								356	1970
516	143								497	1971
160	49								131	I.A./MVMT 1967
159	48								167	1968
158	47								142	1969
153	49								129	1970
148	48								135	1971
6.2	6.4								3.6	F.A./MVMT 1967
6.4	6.4								7.3	1968
8.1	7.8								6.5	1969
6.2	6.1								0	1970
4.3	4.3								6.1	1971
* 189	62.1								224	Acc/RV 1967
* 184	48.4								268	1968
* 187	49.9								252	1969
* 186	54.4								194	1970
* 177	55.4								267	1971
* 58.5	20.4								69.4	I.A./RV 1967
* 54.6	17.9								85.6	1968
* 54.3	18.8								79.8	1969
* 53.7	22.2								70.7	1970
* 51.6	19.5								72.4	1971
* 2.32	2.53								1.93	F.A./RV 1967
* 2.29	2.43								3.72	1968
* 2.94	3.52								3.63	1969
* 2.17	2.29								0	1970
* 1.58	1.88								3.29	1971
** 535	313								494	Acc/RV/RdM 1967
** 529	318								594	1968
** 533	314								558	1969
** 535	366								430	1970
** 505	334								589	1971
** 168	110								153	I.A./RV/RdM 1967
** 158	101								190	1968
** 159	109								177	1969
** 160	146								156	1970
** 150	116								160	1971
** 6.31	8.33								4.26	F.A./RV/RdM 1967
** 7.74	14.6								8.24	1968
** 9.39	20.3								8.02	1969
** 6.20	8.58								0	1970
** 4.60	8.37								7.27	1971

* times 10^{-4} ** times 10^{-7}

2071

Carroll

Residency: Hillsville

Miles of Secondary Roads, 1970: 804.44

District: Salem

Population, 1970: 23,092

State

μ	σ	-3σ	-2σ	$-\sigma$	μ	$+\sigma$	$+2\sigma$	$+3\sigma$			
186	398							153	Accidents	1967	
210	475							170		1968	
227	527							204		1969	
237	590							215		1970	
246	648							199		1971	
81	133							65	Injuries	1967	
86	161							70		1968	
90	162							81		1969	
90	162							91		1970	
95	190							97		1971	
2.4	3.5							0	Fatalities	1967	
2.1	2.5							0		1968	
2.9	3.4							5		1969	
2.5	3.3							3		1970	
2.0	3.4							0		1971	
519	137							508	Acc/MVMT	1967	
544	151							493		1968	
543	146							591		1969	
541	148							559		1970	
516	143							517		1971	
160	49							159	I.A./MVMT	1967	
159	48							154		1968	
158	47							168		1969	
153	49							166		1970	
148	48							153		1971	
6.2	6.4							0	F.A./MVMT	1967	
6.4	6.4							0		1968	
8.1	7.8							11.6		1969	
6.2	6.1							7.8		1970	
4.3	4.3							0		1971	
* 189	62.1							174	Acc/RV	1967	
* 184	48.4							177		1968	
* 187	49.9							198		1969	
* 186	54.4							200		1970	
* 177	55.4							180		1971	
* 58.5	20.4							54.6	I.A./RV	1967	
* 54.6	17.9							55.0		1968	
* 54.3	18.8							56.2		1969	
* 53.7	22.2							59.6		1970	
* 51.6	19.5							53.3		1971	
* 2.32	2.53							0	F.A./RV	1967	
* 2.29	2.43							0		1968	
* 2.94	3.52							3.88		1969	
* 2.17	2.29							2.80		1970	
* 1.58	1.88							0		1971	
** 535	313							216	Acc/RV/RdM	1967	
** 529	318							220		1968	
** 533	314							246		1969	
** 535	366							249		1970	
** 505	334							224		1971	
** 168	110							67.8	I.A./RV/RdM	1967	
** 158	101							68.4		1968	
** 159	109							69.9		1969	
** 160	146							74.1		1970	
** 150	116							66.3		1971	
** 6.31	8.33							0	F.A./RV/RdM	1967	
** 7.74	14.6							0		1968	
** 9.39	20.3							4.82		1969	
** 6.20	8.58							3.48		1970	
** 4.60	8.37							0		1971	

* times 10^{-4} ** times 10^{-7}

2372

Charles City

Residency: Sandston
 District: Richmond

Miles of Secondary Roads, 1970: 136.80
 Population, 1970: 6,158

State

μ	σ	-3σ	-2σ	$-\sigma$	μ	$+\sigma$	$+2\sigma$	$+3\sigma$			
186	398							55	Accidents	1967	
210	475							58		1968	
227	527							63		1969	
237	590							85		1970	
246	648							82		1971	
81	133							28	Injuries	1967	
86	161							37		1968	
90	162							40		1969	
90	162							49		1970	
95	190							44		1971	
2.4	3.5							0	Fatalities	1967	
2.1	2.5							3		1968	
2.9	3.4							5		1969	
2.5	3.3							1		1970	
2.0	3.4							2		1971	
519	137							750	Acc/MVMT	1967	
544	151							609		1968	
543	146							661		1969	
541	148							744		1970	
516	143							717		1971	
160	49							218	I.A./MVMT	1967	
159	48							189		1968	
158	47							220		1969	
153	49							315		1970	
148	48							249		1971	
6.2	6.4							0	F.A./MVMT	1967	
6.4	6.4							31.5		1968	
8.1	7.8							52.5		1969	
6.2	6.1							8.8		1970	
4.3	4.3							17.2		1971	
* 189	62.1							318	Acc/RV	1967	
* 184	48.4							309		1968	
* 187	49.9							315		1969	
* 186	54.4							400		1970	
* 177	55.4							365		1971	
* 58.5	20.4							92.6	I.A./RV	1967	
* 54.6	17.9							95.9		1968	
* 54.3	18.8							105		1969	
* 53.7	22.2							169		1970	
* 51.6	19.5							129		1971	
* 2.32	2.53							0	F.A./RV	1967	
* 2.29	2.43							16.0		1968	
* 2.94	3.52							25.0		1969	
* 2.17	2.29							4.71		1970	
* 1.58	1.88							8.91		1971	
** 535	313							2320	Acc/RV/RdM	1967	
** 529	318							2260		1968	
** 533	314							2300		1969	
** 535	366							2920		1970	
** 505	334							2670		1971	
** 168	110							675	I.A./RV/RdM	1967	
** 158	101							701		1968	
** 159	109							767		1969	
** 160	146							1240		1970	
** 150	116							945		1971	
** 6.31	8.33							0	F.A./RV/RdM	1967	
** 7.74	14.6							117		1968	
** 9.39	20.3							183		1969	
** 6.20	8.58							34.4		1970	
** 4.60	8.37							65.2		1971	

* times 10^{-4} ** times 10^{-7}

CharlotteResidency: HalifaxMiles of Secondary Roads, 1970: 468, 55District: LynchburgPopulation, 1970: 12, 366

State

μ	σ	-3σ	-2σ	$-\sigma$	μ	$+\sigma$	$+2\sigma$	$+3\sigma$			
186	398							86	Accidents	1967	
210	475							98		1968	
227	527							109		1969	
237	590							82		1970	
246	648							70		1971	
81	133							52	Injuries	1967	
86	161							58		1968	
90	162							62		1969	
90	162							51		1970	
95	190							42		1971	
2.4	3.5							7	Fatalities	1967	
2.1	2.5							2		1968	
2.9	3.4							2		1969	
2.5	3.3							2		1970	
2.0	3.4							0		1971	
519	137							429	Acc/MVMT	1967	
544	151							490		1968	
543	146							517		1969	
541	148							388		1970	
516	143							307		1971	
160	49							170	I.A./MVMT	1967	
159	48							204		1968	
158	47							223		1969	
153	49							171		1970	
148	48							110		1971	
6.2	6.4							10.0	F.A./MVMT	1967	
6.4	6.4							9.9		1968	
8.1	7.8							9.5		1969	
6.2	6.1							4.7		1970	
4.3	4.3							0		1971	
* 189	62.1							178	Acc/RV	1967	
* 184	48.4							186		1968	
* 187	49.9							198		1969	
* 186	54.4							143		1970	
* 177	55.4							124		1971	
* 58.5	20.4							70.2	I.A./RV	1967	
* 54.6	17.9							77.9		1968	
* 54.3	18.8							85.2		1969	
* 53.7	22.2							62.9		1970	
* 51.6	19.5							44.3		1971	
* 2.32	2.53							4.13	F.A./RV	1967	
* 2.29	2.43							3.80		1968	
* 2.94	3.52							3.63		1969	
* 2.17	2.29							1.75		1970	
* 1.58	1.88							0		1971	
** 535	313							380	Acc/RV/RdM	1967	
** 529	318							399		1968	
** 533	314							422		1969	
** 535	366							306		1970	
** 505	334							264		1971	
** 168	110							150	I.A./RV/RdM	1967	
** 158	101							167		1968	
** 159	109							182		1969	
** 160	146							134		1970	
** 150	116							94.4		1971	
** 6.31	8.33							8.84	F.A./RV/RdM	1967	
** 7.74	14.6							8.15		1968	
** 9.39	20.3							7.74		1969	
** 6.20	8.58							3.73		1970	
** 4.60	8.37							0		1971	

* times 10^{-4} ** times 10^{-7}

2074

ChesterfieldResidency: ChesterfieldMiles of Secondary Roads, 1970: 685.41District: RichmondPopulation, 1970: 77,046

State								
μ	σ	-3σ	-2σ	$-\sigma$	μ	$+\sigma$	$+2\sigma$	$+3\sigma$
186	398						762	Accidents
210	475						795	1967
227	527						889	1968
237	590						593	1969
246	648						617	1970
								1971
81	133						320	Injuries
86	161						308	1967
90	162						385	1968
90	162						248	1969
95	190						271	1970
								1971
2.4	3.5						8	Fatalities
2.1	2.5						4	1967
2.9	3.4						12	1968
2.5	3.3						7	1969
2.0	3.4						4	1970
								1971
519	137						476	Acc/MVMT
544	151						475	1967
543	146						531	1968
541	148						468	1969
516	143						487	1970
								1971
160	49						139	I.A./MVMT
159	48						134	1967
158	47						145	1968
153	49						138	1969
148	48						148	1970
								1971
6.2	6.4						4.4	F.A./MVMT
6.4	6.4						2.4	1967
8.1	7.8						6.9	1968
6.2	6.1						5.4	1969
4.3	4.3						3.0	1970
								1971
* 189	62.1						161	Acc/RV
* 184	48.4						162	1967
* 187	49.9						171	1968
* 186	54.4						143	1969
* 177	55.4						150	1970
								1971
* 58.5	20.4						47.2	I.A./RV
* 54.6	17.9						46.4	1967
* 54.3	18.8						48.4	1968
* 53.7	22.2						42.9	1969
* 51.6	19.5						47.3	1970
								1971
* 2.32	2.53						1.48	F.A./RV
* 2.29	2.43						0.81	1967
* 2.94	3.52						2.30	1968
* 2.17	2.29						1.69	1969
* 1.58	1.88						0.98	1970
								1971
** 535	313						192	Acc/RV/RdM
** 529	318						192	1967
** 533	314						203	1968
** 535	366						209	1969
** 505	334						220	1970
								1971
** 168	110						56.1	I.A./RV/RdM
** 158	101						55.1	1967
** 159	109						57.5	1968
** 160	146						62.6	1969
** 150	116						69.0	1970
								1971
** 6.31	8.33						1.76	F.A./RV/RdM
** 7.74	14.6						0.97	1967
** 9.39	20.3						2.74	1968
** 6.20	8.58						2.46	1969
** 4.60	8.37						1.42	1970
								1971

* times 10⁻⁴** times 10⁻⁷

2075

Clarke

Residency: Luray

Miles of Secondary Roads, 1970: 205.03

District: Staunton

Population, 1970: 8,102

State

μ	σ	-3σ	-2σ	$-\sigma$	μ	$+\sigma$	$+2\sigma$	$+3\sigma$			
186	398							62	Accidents	1967	
210	475							72		1968	
227	527							66		1969	
237	590							77		1970	
246	648							87		1971	
81	133							22	Injuries	1967	
86	161							24		1968	
90	162							25		1969	
90	162							26		1970	
95	190							40		1971	
2.4	3.5							1	Fatalities	1967	
2.1	2.5							1		1968	
2.9	3.4							1		1969	
2.5	3.3							0		1970	
2.0	3.4							0		1971	
519	137							517	Acc/MVMT	1967	
544	151							569		1968	
543	146							522		1969	
541	148							519		1970	
516	143							586		1971	
160	49							117	I.A./MVMT	1967	
159	48							126		1968	
158	47							142		1969	
153	49							121		1970	
148	48							189		1971	
6.2	6.4							8.3	F.A./MVMT	1967	
6.4	6.4							7.9		1968	
8.1	7.8							7.9		1969	
6.2	6.1							0		1970	
4.3	4.3							0		1971	
* 189	62.1							194	Acc/RV	1967	
* 184	48.4							178		1968	
* 187	49.9							157		1969	
* 186	54.4							180		1970	
* 177	55.4							200		1971	
* 58.5	20.4							43.9	I.A./RV	1967	
* 54.6	17.9							39.5		1968	
* 54.3	18.8							42.8		1969	
* 58.7	22.2							42.2		1970	
* 51.6	19.5							64.5		1971	
* 2.32	2.53							3.14	F.A./RV	1967	
* 2.29	2.43							2.47		1968	
* 2.94	3.52							2.38		1969	
* 2.17	2.29							0		1970	
* 1.58	1.88							0		1971	
** 535	313							947	Acc/RV/RdM	1967	
** 529	318							865		1968	
** 533	314							765		1969	
** 535	366							880		1970	
** 505	334							977		1971	
** 168	110							214	I.A./RV/RdM	1967	
** 158	101							192		1968	
** 159	109							209		1969	
** 160	146							206		1970	
** 150	116							315		1971	
** 6.31	8.33							15.3	F.A./RV/RdM	1967	
** 7.74	14.6							12.0		1968	
** 9.39	20.3							11.6		1969	
** 6.20	8.58							0		1970	
** 4.60	8.37							0		1971	

* times 10^{-4} ** times 10^{-7}

2076

Craig

Residency: SalemMiles of Secondary Roads, 1970: 178.16District: SalemPopulation, 1970: 3,524

State

μ	σ	-3σ	-2σ	$-\sigma$	μ	$+\sigma$	$+2\sigma$	$+3\sigma$				
186	398								25	Accidents	1967	
210	475								38		1968	
227	527								34		1969	
237	590								41		1970	
246	648								36		1971	
81	133								17	Injuries	1967	
86	161								7		1968	
90	162								16		1969	
90	162								24		1970	
95	190								14		1971	
2.4	3.5								0	Fatalities	1967	
2.1	2.5								0		1968	
2.9	3.4								0		1969	
2.5	3.3								0		1970	
2.0	3.4								0		1971	
519	137								466	Acc/MVMT	1967	
544	151								633		1968	
543	146								566		1969	
541	148								615		1970	
516	143								540		1971	
160	49								149	I.A./MVMT	1967	
159	48								100		1968	
158	47								167		1969	
153	49								180		1970	
148	48								120		1971	
6.2	6.4								0	F.A./MVMT	1967	
6.4	6.4								0		1968	
8.1	7.8								0		1969	
6.2	6.1								0		1970	
4.3	4.3								0		1971	
* 189	62.1								198	Acc/RV	1967	
* 184	48.4								242		1968	
* 187	49.9								209		1969	
* 186	54.4								239		1970	
* 177	55.4								203		1971	
* 58.5	20.4								63.3	I.A./RV	1967	
* 54.6	17.9								38.3		1968	
* 54.3	18.8								61.6		1969	
* 53.7	22.2								70.1		1970	
* 51.6	19.5								45.0		1971	
* 2.32	2.53								0	F.A./RV	1967	
* 2.29	2.43								0		1968	
* 2.94	3.52								0		1969	
* 2.17	2.29								0		1970	
* 1.58	1.88								0		1971	
** 535	313								1110	Acc/RV/RdM	1967	
** 529	318								1360		1968	
** 533	314								1170		1969	
** 535	366								1340		1970	
** 505	334								1140		1971	
** 168	110								354	I.A./RV/RdM	1967	
** 158	101								214		1968	
** 159	109								345		1969	
** 160	146								393		1970	
** 150	116								253		1971	
** 6.31	8.33								0	F.A./RV/RdM	1967	
** 7.74	14.6								0		1968	
** 9.39	20.3								0		1969	
** 6.20	8.58								0		1970	
** 4.60	8.37								0		1971	

* times 10^{-4} ** times 10^{-7}

2077

CulpeperResidency: CulpeperMiles of Secondary Roads, 1970: 415.55District: CulpeperPopulation, 1970: 18,218

State

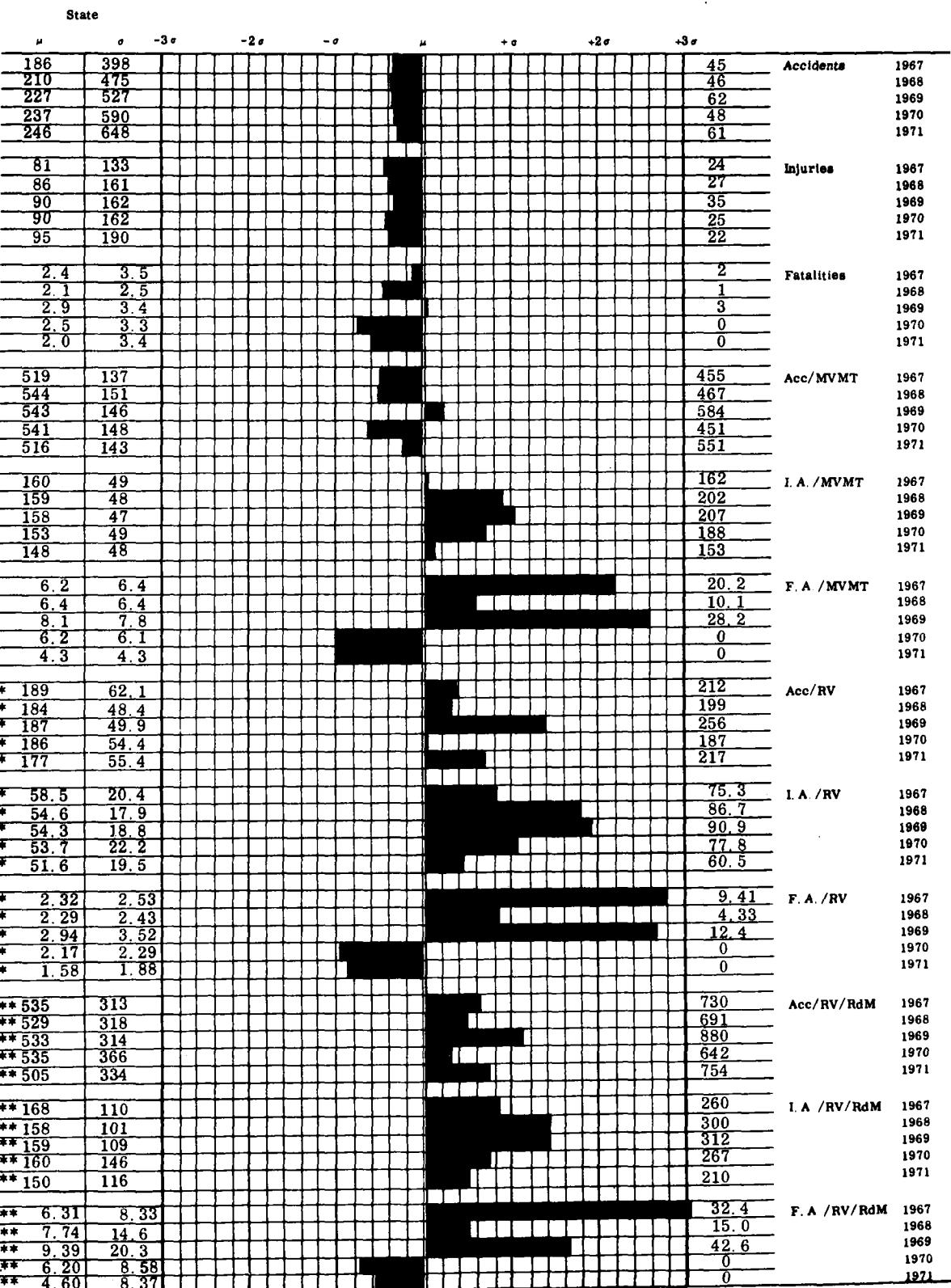
μ	σ	-3σ	-2σ	$-\sigma$	μ	$+\sigma$	$+2\sigma$	$+3\sigma$			
186	398								81	Accidents	1967
210	475								113		1968
227	527								118		1969
237	590								132		1970
246	648								150		1971
81	133								32	Injuries	1967
86	161								32		1968
90	162								66		1969
90	162								56		1970
95	190								65		1971
2.4	3.5								1	Fatalities	1967
2.1	2.5								0		1968
2.9	3.4								2		1969
2.5	3.3								1		1970
2.0	3.4								1		1971
519	137								495	Acc/MVMT	1967
544	151								681		1968
543	146								712		1969
541	148								785		1970
516	143								892		1971
160	49								141	I.A./MVMT	1967
159	48								169		1968
158	47								205		1969
153	49								232		1970
148	48								261		1971
6.2	6.4								6.1	F.A./MVMT	1967
6.4	6.4								0		1968
8.1	7.8								12.0		1969
6.2	6.1								5.9		1970
4.3	4.3								5.9		1971
* 189	62.1								115	Acc/RV	1967
* 184	48.4								143		1968
* 187	49.9								143		1969
* 186	54.4								152		1970
* 177	55.4								162		1971
* 58.5	20.4								32.5	I.A./RV	1967
* 54.6	17.9								35.4		1968
* 54.3	18.8								41.2		1969
* 53.7	22.2								44.9		1970
* 51.6	19.5								47.6		1971
* 2.32	2.53								1.41	F.A./RV	1967
* 2.29	2.43								0		1968
* 2.94	3.52								2.42		1969
* 2.17	2.29								1.15		1970
* 1.58	1.88								1.08		1971
** 535	313								266	Acc/RV/RdM	1967
** 529	318								344		1968
** 533	314								345		1969
** 535	366								366		1970
** 505	334								391		1971
** 168	110								75.4	I.A./RV/RdM	1967
** 158	101								85.3		1968
** 159	109								99.4		1969
** 160	146								108		1970
** 150	116								115		1971
** 6.31	8.33								3.28	F.A./RV/RdM	1967
** 7.74	14.6								0		1968
** 9.39	20.3								5.84		1969
** 6.20	8.58								2.77		1970
** 4.60	8.37								2.60		1971

* times 10^{-4} ** times 10^{-7}

2378

Cumberland

Residency: Dillwyn
 District: Lynchburg

Miles of Secondary Roads, 1970: 290.85Population, 1970: 6,179* times 10^{-4} ** times 10^{-7}

Dickenson

Residency: Wise
 District: Bristol

Miles of Secondary Roads, 1970: 370.98
 Population, 1970: 16,077

State

	μ	σ	-3σ	-2σ	$-\sigma$	μ	$+\sigma$	$+2\sigma$	$+3\sigma$		
186	398									113	Accidents
210	475									115	1967
227	527									116	1968
237	590									141	1969
246	648									158	1970
											1971
81	133									32	Injuries
86	161									48	1967
90	162									34	1968
90	162									49	1969
95	190									70	1970
											1971
2.4	3.5									3	Fatalities
2.1	2.5									1	1967
2.9	3.4									0	1968
2.5	3.3									0	1969
2.0	3.4									0	1970
											1971
519	137									552	Acc/MVMT
544	151									483	1967
543	146									487	1968
541	148									547	1969
516	143									613	1970
											1971
160	49									83	I. A. /MVMT
159	48									118	1967
158	47									88	1968
153	49									101	1969
148	48									178	1970
											1971
6.2	6.4									4.9	F. A. /MVMT
6.4	6.4									4.2	1967
8.1	7.8									0	1968
6.2	6.1									0	1969
4.3	4.3									0	1970
											1971
* 189	62.1									246	Acc/RV
* 184	48.4									223	1967
* 187	49.9									217	1968
* 186	54.4									250	1969
* 177	55.4									260	1970
											1971
* 58.5	20.4									36.9	I. A. /RV
* 54.6	17.9									54.3	1967
* 54.3	18.8									39.3	1968
* 53.7	22.2									42.6	1969
* 51.6	19.5									75.7	1970
											1971
* 2.32	2.53									2.17	F. A. /RV
* 2.29	2.43									1.94	1967
* 2.94	3.52									0	1968
* 2.17	2.29									0	1969
* 1.58	1.88									0	1970
											1971
** 535	313									665	Acc/RV/RdM
** 529	318									603	1967
** 533	314									588	1968
** 535	366									675	1969
** 505	334									701	1970
											1971
** 168	110									100	I. A. /RV/RdM
** 158	101									147	1967
** 159	109									106	1968
** 160	146									124	1969
** 150	116									204	1970
											1971
** 6.31	8.33									5.88	F. A. /RV/RdM
** 7.74	14.6									5.25	1967
** 9.39	20.3									0	1968
** 6.20	8.58									0	1969
** 4.60	8.37									0	1970
											1971

* times 10^{-4} ** times 10^{-7}

2080

Dinwiddie

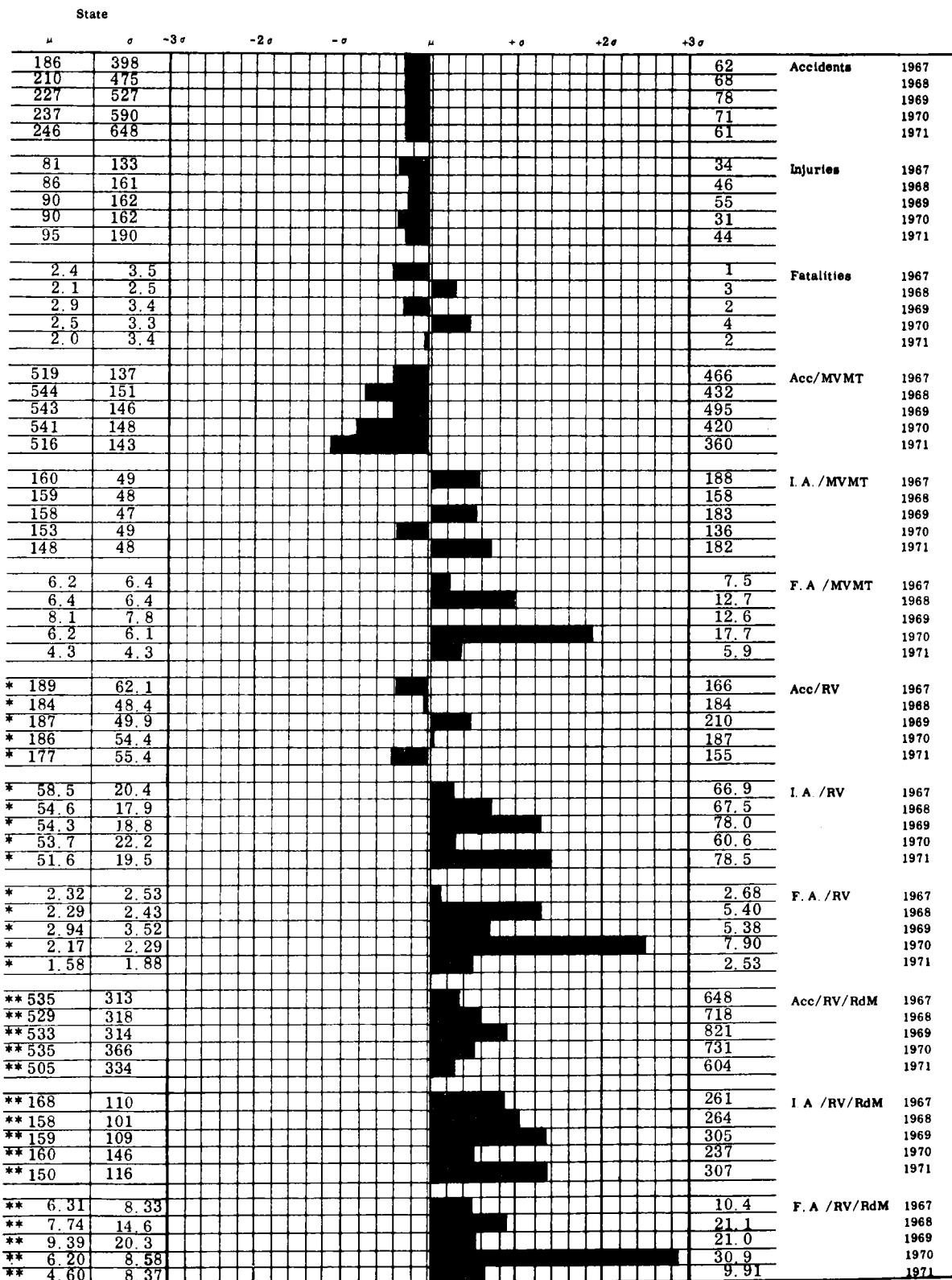
Residency: Petersburg
 District: Richmond

Miles of Secondary Roads, 1970: 514.23
 Population, 1970: 25,046

State		μ	σ	-3σ	-2σ	$-\sigma$	μ	$+\sigma$	$+2\sigma$	$+3\sigma$		
186	398										150	Accidents
210	475										175	1967
227	527										214	1968
237	590										230	1969
246	648										206	1970
												1971
81	133										75	Injuries
86	161										74	1967
90	162										95	1968
90	162										90	1969
95	190										69	1970
												1971
2.4	3.5										4	Fatalities
2.1	2.5										2	1967
2.9	3.4										3	1968
2.5	3.3										8	1969
2.0	3.4										5	1970
												1971
519	137										483	Acc/MVMT
544	151										540	1967
543	146										611	1968
541	148										656	1969
516	143										507	1970
												1971
160	49										131	I. A. / MVMT
159	48										140	1967
158	47										171	1968
153	49										173	1969
148	48										116	1970
												1971
6.2	6.4										12.2	F. A. / MVMT
6.4	6.4										6.1	1967
8.1	7.8										8.5	1968
6.2	6.1										17.0	1969
4.3	4.3										12.3	1970
												1971
* 189	62.1										196	Acc/RV
* 184	48.4										232	1967
* 187	49.9										266	1968
* 186	54.4										269	1969
* 177	55.4										228	1970
												1971
* 58.5	20.4										53.4	I. A. / RV
* 54.6	17.9										61.0	1967
* 54.3	18.8										74.6	1968
* 53.7	22.2										71.4	1969
* 51.6	19.5										51.9	1970
												1971
* 2.32	2.53										4.97	F. A. / RV
* 2.29	2.43										2.65	1967
* 2.94	3.52										3.73	1968
* 2.17	2.29										7.03	1969
* 1.58	1.88										5.53	1970
												1971
** 535	313										386	Acc/RV/RdM
** 529	318										458	1967
** 533	314										518	1968
** 535	366										524	1969
** 505	334										439	1970
												1971
** 168	110										105	I. A. / RV/RdM
** 158	101										120	1967
** 159	109										145	1968
** 160	146										139	1969
** 150	116										100	1970
												1971
** 6.31	8.33										9.78	F. A. / RV/RdM
** 7.74	14.6										5.23	1967
** 9.39	20.3										7.26	1968
** 6.20	8.58										13.7	1969
** 4.60	8.37										10.7	1970
												1971

* times 10⁻⁴** times 10⁻⁷

Essex

Residency: Bowling GreenMiles of Secondary Roads, 1970: 255.73District: FredericksburgPopulation, 1970: 7,099* times 10^{-4} ** times 10^{-7}

2082

Fairfax

Residency: Fairfax
 District: Culpeper

Miles of Secondary Roads, 1970: 1392.05
 Population, 1970: 455,901

State											
μ	σ	-3σ	-2σ	$-\sigma$	μ	$+\sigma$	$+2\sigma$	$+3\sigma$			
186	398							3831	Accidents	1967	
210	475							4630		1968	
227	527							5097		1969	
237	590							5751		1970	
246	648							6313		1971	
81	133							1228	Injuries	1967	
86	161							1533		1968	
90	162							1518		1969	
90	162							1541		1970	
95	190							1818		1971	
2.4	3.5							23	Fatalities	1967	
2.1	2.5							14		1968	
2.9	3.4							20		1969	
2.5	3.3							19		1970	
2.0	3.4							21		1971	
519	137							666	Acc/MVMT	1967	
544	151							814		1968	
543	146							728		1969	
541	148							821		1970	
516	143							733		1971	
160	49							158	I.A./MVMT	1967	
159	48							185		1968	
158	47							156		1969	
153	49							159		1970	
148	48							151		1971	
6.2	6.4							3.1	F.A./MVMT	1967	
6.4	6.4							2.4		1968	
8.1	7.8							2.6		1969	
6.2	6.1							2.3		1970	
4.3	4.3							2.4		1971	
* 189	62.1							543	Acc/RV	1967	
* 184	48.4							304		1968	
* 187	49.9							304		1969	
* 186	54.4							304		1970	
* 177	55.4							296		1971	
* 58.5	20.4							129	I.A./RV	1967	
* 54.6	17.9							71.9		1968	
* 54.3	18.8							66.9		1969	
* 53.7	22.2							61.8		1970	
* 51.6	19.5							62.6		1971	
* 2.32	2.53							2.55	F.A./RV	1967	
* 2.29	2.43							0.92		1968	
* 2.94	3.52							1.13		1969	
* 2.17	2.29							0.90		1970	
* 1.58	1.88							0.99		1971	
** 535	313							398	Acc/RV/RdM	1967	
** 529	318							227		1968	
** 533	314							218		1969	
** 535	366							218		1970	
** 505	334							202		1971	
** 168	110							94.6	I.A./RV/RdM	1967	
** 158	101							53.7		1968	
** 159	109							48.0		1969	
** 160	146							44.4		1970	
** 150	116							42.7		1971	
** 6.31	8.33							1.87	F.A./RV/RdM	1967	
** 7.74	14.6							0.69		1968	
** 9.39	20.3							0.81		1969	
** 6.20	8.58							0.64		1970	
** 4.60	8.37							0.67		1971	

* times 10⁻⁴** times 10⁻⁷

FauquierResidency: WarrentonMiles of Secondary Roads, 1970: 712.06District: CulpeperPopulation, 1970: 26,375

State

μ	σ	-3σ	-2σ	$-\sigma$	μ	$+\sigma$	$+2\sigma$	$+3\sigma$			
186	398								199	Accidents	1967
210	475								243		1968
227	527								251		1969
237	590								258		1970
246	648								263		1971
81	133								103	Injuries	1967
86	161								97		1968
90	162								109		1969
90	162								107		1970
95	190								118		1971
2.4	3.5								7	Fatalities	1967
2.1	2.5								5		1968
2.9	3.4								4		1969
2.5	3.3								4		1970
2.0	3.4								2		1971
519	137								475	Acc/MVMT	1967
544	151								559		1968
543	146								577		1969
541	148								514		1970
516	143								524		1971
160	49								150	I. A. / MVMT	1967
159	48								147		1968
158	47								186		1969
153	49								143		1970
148	48								165		1971
6.2	6.4								16.7	F. A. / MVMT	1967
6.4	6.4								9.2		1968
8.1	7.8								9.2		1969
6.2	6.1								8.0		1970
4.3	4.3								4.0		1971
* 189	62.1								186	Acc/RV	1967
* 184	48.4								206		1968
* 187	49.9								203		1969
* 186	54.4								197		1970
* 177	55.4								187		1971
* 58.5	20.4								58.9	I. A. / RV	1967
* 54.6	17.9								54.2		1968
* 54.3	18.8								65.6		1969
* 53.7	22.2								55.0		1970
* 51.6	19.5								59.0		1971
* 2.32	2.53								6.55	F. A. / RV	1967
* 2.29	2.43								3.39		1968
* 2.94	3.52								3.24		1969
* 2.17	2.29								3.06		1970
* 1.58	1.88								1.42		1971
** 535	313								262	Acc/RV/RdM	1967
** 529	318								290		1968
** 533	314								286		1969
** 535	366								277		1970
** 505	334								263		1971
** 168	110								82.9	I. A. / RV/RdM	1967
** 158	101								76.3		1968
** 159	109								92.3		1969
** 160	146								77.2		1970
** 150	116								82.9		1971
** 6.31	8.33								9.21	F. A. / RV/RdM	1967
** 7.74	14.6								4.77		1968
** 9.39	20.3								4.56		1969
** 6.20	8.58								4.29		1970
** 4.60	8.37								2.00		1971

* times 10^{-4} ** times 10^{-7}

2084

Floyd

Residency: Hillsville
 District: Salem

Miles of Secondary Roads, 1970: 634.16
 Population, 1970: 9,775

State									
μ	σ	-3σ	-2σ	$-\sigma$	μ	$+\sigma$	$+2\sigma$	$+3\sigma$	
186	398							91	Accidents
210	475							100	1967
227	527							86	1968
237	590							89	1969
246	648							95	1970
									1971
81	133							31	Injuries
86	161							46	1967
90	162							19	1968
90	162							30	1969
95	190							34	1970
									1971
2.4	3.5							2	Fatalities
2.1	2.5							1	1967
2.9	3.4							0	1968
2.5	3.3							1	1969
2.0	3.4							1	1970
									1971
519	137							568	Acc/MVMT
544	151							624	1967
543	146							498	1968
541	148							515	1969
516	143							520	1970
									1971
160	49							131	I. A. / MVMT
159	48							206	1967
158	47							81	1968
153	49							104	1969
148	48							127	1970
									1971
6.2	6.4							6.2	F. A. / MVMT
6.4	6.4							6.3	1967
8.1	7.8							0	1968
6.2	6.1							5.8	1969
4.3	4.3							5.5	1970
									1971
* 189	62.1							217	Acc/RV
* 184	48.4							223	1967
* 187	49.9							185	1968
* 186	54.4							187	1969
* 177	55.4							193	1970
									1971
* 58.5	20.4							50.2	I. A. / RV
* 54.6	17.9							73.4	1967
* 54.3	18.8							30.1	1968
* 53.7	22.2							37.8	1969
* 51.6	19.5							46.7	1970
									1971
* 2.32	2.53							2.39	F. A. / RV
* 2.29	2.43							2.23	1967
* 2.94	3.52							0	1968
* 2.17	2.29							2.10	1969
* 1.58	1.88							2.03	1970
									1971
** 535	313							342	Acc/RV/RdM
** 529	318							350	1967
** 533	314							292	1968
** 535	366							295	1969
** 505	334							304	1970
									1971
** 168	110							78.9	I. A. / RV/RdM
** 158	101							116	1967
** 159	109							47.5	1968
** 160	146							59.7	1969
** 150	116							73.7	1970
									1971
** 6.31	8.33							3.76	F. A. / RV/RdM
** 7.74	14.6							3.50	1967
** 9.39	20.3							0	1968
** 6.20	8.58							3.31	1969
** 4.60	8.37							3.21	1970
									1971

* times 10^{-4} ** times 10^{-7}

Fluvanna

Residency: Louisa
 District: Culpeper

Miles of Secondary Roads, 1970: 282.14
 Population, 1970: 7,621

State											
μ	σ	-3σ	-2σ	$-\sigma$	μ	$+\sigma$	$+2\sigma$	$+3\sigma$			
186	398								51	Accidents	1967
210	475								66		1968
227	527								65		1969
237	590								69		1970
246	648								66		1971
81	133							30	Injuries	1967	
86	161							34		1968	
90	162							32		1969	
90	162							27		1970	
95	190							34		1971	
2.4	3.5							0	Fatalities	1967	
2.1	2.5							1		1968	
2.9	3.4							0		1969	
2.5	3.3							0		1970	
2.0	3.4							0		1971	
519	137							506	Acc/MVMT	1967	
544	151							638		1968	
543	146							629		1969	
541	148							585		1970	
516	143							560		1971	
160	49							189	I.A./MVMT	1967	
159	48							222		1968	
158	47							231		1969	
153	49							161		1970	
148	48							186		1971	
6.2	6.4							0	F.A./MVMT	1967	
6.4	6.4							9.7		1968	
8.1	7.8							0		1969	
6.2	6.1							0		1970	
4.3	4.3							0		1971	
* 189	62.1							192	Acc/RV	1967	
* 184	48.4							223		1968	
* 187	49.9							207		1969	
* 186	54.4							203		1970	
* 177	55.4							185		1971	
* 58.5	20.4							71.6	I.A./RV	1967	
* 54.6	17.9							77.8		1968	
* 54.3	18.8							76.4		1969	
* 53.7	22.2							55.8		1970	
* 51.6	19.5							61.8		1971	
* 2.32	2.53							0	F.A./RV	1967	
* 2.29	2.43							3.38		1968	
* 2.94	3.52							0		1969	
* 2.17	2.29							0		1970	
* 1.58	1.88							0		1971	
** 535	313							683	Acc/RV/RdM	1967	
** 529	318							795		1968	
** 533	314							736		1969	
** 535	366							718		1970	
** 505	334							657		1971	
** 168	110							254	I.A./RV/RdM	1967	
** 158	101							277		1968	
** 159	109							272		1969	
** 160	146							198		1970	
** 150	116							219		1971	
** 6.31	8.33							0	F.A./RV/RdM	1967	
** 7.74	14.6							12.0		1968	
** 9.39	20.3							0		1969	
** 6.20	8.58							0		1970	
** 4.60	8.37							0		1971	

* times 10^{-4} ** times 10^{-7}

2006

Franklin

Residency: Rocky Mount
 District: Salem

Miles of Secondary Roads, 1970: 942.47
 Population, 1970: 28,163

State									
μ	σ	-3σ	-2σ	$-\sigma$	μ	$+\sigma$	$+2\sigma$	$+3\sigma$	
186	398							245	Accidents
210	475							258	1967
227	527							303	1968
237	590							291	1969
246	648							276	1970
									1971
81	133							116	Injuries
86	161							83	1967
90	162							133	1968
90	162							127	1969
95	190							122	1970
									1971
2.4	3.5							3	Fatalities
2.1	2.5							4	1967
2.9	3.4							8	1968
2.5	3.3							5	1969
2.0	3.4							6	1970
									1971
519	137							454	Acc/MVMT
544	151							484	1967
543	146							506	1968
541	148							486	1969
516	143							437	1970
									1971
160	49							128	I. A. /MVMT
159	48							122	1967
158	47							151	1968
153	49							151	1969
148	48							131	1970
									1971
6.2	6.4							5.6	F. A. /MVMT
6.4	6.4							7.4	1967
8.1	7.8							8.3	1968
6.2	6.1							8.3	1969
4.3	4.3							7.9	1970
									1971
* 189	62.1							228	Acc/RV
* 184	48.4							199	1967
* 187	49.9							213	1968
* 186	54.4							190	1969
* 177	55.4							169	1970
									1971
* 58.5	20.4							64.1	I. A. /RV
* 54.6	17.9							50.9	1967
* 54.3	18.8							64.0	1968
* 53.7	22.2							59.4	1969
* 51.6	19.5							50.9	1970
									1971
* 2.32	2.53							2.79	F. A. /RV
* 2.29	2.43							3.09	1967
* 2.94	3.52							3.52	1968
* 2.17	2.29							3.27	1969
* 1.58	1.88							3.07	1970
									1971
** 535	313							241	Acc/RV/RdM
** 529	318							212	1967
** 533	314							226	1968
** 535	366							202	1969
** 505	334							178	1970
									1971
** 168	110							67.8	I. A. /RV/RdM
** 158	101							54.2	1967
** 159	109							67.9	1968
** 160	146							63.1	1969
** 150	116							53.6	1970
									1971
** 6.31	8.33							2.95	F. A. /RV/RdM
** 7.74	14.6							3.28	1967
** 9.39	20.3							3.73	1968
** 6.20	8.58							3.47	1969
** 4.60	8.37							3.23	1970
									1971

* times 10^{-4} ** times 10^{-7}

Frederick

Residency: Edinburg
 District: Staunton

Miles of Secondary Roads, 1970: 513.62
 Population, 1970: 28,893

State										Accidents	1967
μ	σ	-3σ	-2σ	$-\sigma$	μ	$+\sigma$	$+2\sigma$	$+3\sigma$			
186	398								214	Accidents	1967
210	475								220		1968
227	527								270		1969
237	590								279		1970
246	648								213		1971
81	133								101	Injuries	1967
86	161								78		1968
90	162								126		1969
90	162								96		1970
95	190								85		1971
2.4	3.5								4	Fatalities	1967
2.1	2.5								2		1968
2.9	3.4								3		1969
2.5	3.3								2		1970
2.0	3.4								2		1971
519	137								505	Acc/MVMT	1967
544	151								520		1968
543	146								541		1969
541	148								558		1970
516	143								506		1971
160	49								170	I. A. / MVMT	1967
159	48								146		1968
158	47								174		1969
153	49								141		1970
148	48								123		1971
6.2	6.4								7.1	F. A. / MVMT	1967
6.4	6.4								4.7		1968
8.1	7.8								6.0		1969
6.2	6.1								4.0		1970
4.3	4.3								4.7		1971
* 189	62.1								165	Acc/RV	1967
* 184	48.4								155		1968
* 187	49.9								172		1969
* 186	54.4								168		1970
* 177	55.4								141		1971
* 58.5	20.4								55.5	I. A. / RV	1967
* 54.6	17.9								43.7		1968
* 54.3	18.8								55.5		1969
* 53.7	22.2								42.7		1970
* 51.6	19.5								34.4		1971
* 2.32	2.53								2.31	F. A. / RV	1967
* 2.29	2.43								1.41		1968
* 2.94	3.52								1.91		1969
* 2.17	2.29								1.20		1970
* 1.58	1.88								1.32		1971
** 535	313								323	Acc/RV/RdM	1967
** 529	318								304		1968
** 533	314								335		1969
** 535	366								327		1970
** 505	334								283		1971
** 168	110								109	I. A. / RV/RdM	1967
** 158	101								85.8		1968
** 159	109								108		1969
** 160	146								83.2		1970
** 150	116								69.1		1971
** 6.31	8.33								4.52	F. A. / RV/RdM	1967
** 7.74	14.6								2.77		1968
** 9.39	20.3								3.72		1969
** 6.20	8.58								2.34		1970
** 4.60	8.37								2.66		1971

* times 10^{-4} ** times 10^{-7}

2088

Giles

Residency: Christiansburg
 District: Salem

Miles of Secondary Roads, 1970: 305.52
 Population, 1970: 16,741

State												
μ	σ	-3σ	-2σ	$-\sigma$	μ	$+\sigma$	$+2\sigma$	$+3\sigma$				
186	398							99	Accidents	1967		
210	475							122		1968		
227	527							123		1969		
237	590							117		1970		
246	648							87		1971		
81	133							40	Injuries	1967		
86	161							59		1968		
90	162							32		1969		
90	162							19		1970		
95	190							29		1971		
2.4	3.5							2	Fatalities	1967		
2.1	2.5							3		1968		
2.9	3.4							2		1969		
2.5	3.3							2		1970		
2.0	3.4							0		1971		
519	137							732	Acc/MVMT	1967		
544	151							902		1968		
543	146							964		1969		
541	148							917		1970		
516	143							651		1971		
160	49							185	I. A. /MVMT	1967		
159	48							278		1968		
158	47							186		1969		
153	49							139		1970		
148	48							149		1971		
6.2	6.4							14.8	F. A. /MVMT	1967		
6.4	6.4							16.8		1968		
8.1	7.8							15.5		1969		
6.2	6.1							7.7		1970		
4.3	4.3							0		1971		
* 189	62.1							157	Acc/RV	1967		
* 184	48.4							165		1968		
* 187	49.9							160		1969		
* 186	54.4							151		1970		
* 177	55.4							112		1971		
* 58.5	20.4							39.6	I. A. /RV	1967		
* 54.6	17.9							44.5		1968		
* 54.3	18.8							31.1		1969		
* 53.7	22.2							23.2		1970		
* 51.6	19.5							25.7		1971		
* 2.32	2.53							3.17	F. A. /RV	1967		
* 2.29	2.43							2.70		1968		
* 2.94	3.52							2.59		1969		
* 2.17	2.29							1.29		1970		
* 1.58	1.88							0		1971		
** 535	313							503	Acc/RV/RdM	1967		
** 529	318							530		1968		
** 533	314							522		1969		
** 535	366							494		1970		
** 505	334							362		1971		
** 168	110							127	I. A. /RV/RdM	1967		
** 158	101							143		1968		
** 159	109							102		1969		
** 160	146							76.1		1970		
** 150	116							83.2		1971		
** 6.31	8.33							10.2	F. A. /RV/RdM	1967		
** 7.74	14.6							8.69		1968		
** 9.39	20.3							8.49		1969		
** 6.20	8.58							4.23		1970		
** 4.60	8.37							0		1971		

* times 10^{-4} ** times 10^{-7}

Gloucester

Residency: Saluda
 District: Fredericksburg

Miles of Secondary Roads, 1970: 249. 18
 Population, 1970: 14, 059

State		μ	σ	-3σ	-2σ	$-\sigma$	μ	$+\sigma$	$+2\sigma$	$+3\sigma$		
186	398									54	Accidents	1967
210	475									79		1968
227	527									68		1969
237	590									72		1970
248	648									94		1971
81	133									16	Injuries	1967
86	161									32		1968
90	162									23		1969
90	162									25		1970
95	190									31		1971
2.4	3.5									0	Fatalities	1967
2.1	2.5									1		1968
2.9	3.4									1		1969
2.5	3.3									1		1970
2.0	3.4									4		1971
519	137									234	Acc/MVMT	1967
544	151									344		1968
543	146									267		1969
641	148									282		1970
516	143									330		1971
160	49									61	I. A. /MVMT	1967
159	48									116		1968
158	47									74		1969
153	49									81		1970
148	48									84		1971
6.2	6.4									0	F. A. /MVMT	1967
6.4	6.4									4.3		1968
8.1	7.8									3.9		1969
6.2	6.1									3.9		1970
4.3	4.3									13.9		1971
* 189	62.1									92.6	Acc/RV	1967
* 184	48.4									128		1968
* 187	49.9									105		1969
* 186	54.4									107		1970
* 177	55.4									131		1971
* 58.5	20.4									24.0	I. A. /RV	1967
* 54.6	17.9									43.8		1968
* 54.3	18.8									29.4		1969
* 53.7	22.2									31.2		1970
* 51.6	19.5									33.4		1971
* 2.32	2.53									0	F. A. /RV	1967
* 2.29	2.43									1.62		1968
* 2.94	3.52									1.55		1969
* 2.17	2.29									1.49		1970
* 1.58	1.88									5.57		1971
** 535	313									374	Acc/RV/RdM	1967
** 529	318									522		1968
** 533	314									422		1969
** 535	366									429		1970
** 505	334									518		1971
** 168	110									96.9	I. A. /RV/RdM	1967
** 158	101									179		1968
** 159	109									118		1969
** 160	146									125		1970
** 150	116									132		1971
** 6.31	8.33									0	F. A. /RV/RdM	1967
** 7.74	14.6									6.61		1968
** 9.39	20.3									6.21		1969
** 6.20	8.58									5.96		1970
** 4.60	8.37									22.0		1971

* times 10^{-4} ** times 10^{-7}

2090

Goochland

Residency: Ashland
 District: Richmond

Miles of Secondary Roads, 1970: 273.88
 Population, 1970: 10,069

State									
μ	σ	-3σ	-2σ	$-\sigma$	μ	$+\sigma$	$+2\sigma$	$+3\sigma$	
186	398							68	Accidents
210	475							78	1967
227	527							87	1968
237	590							82	1969
246	648							94	1970
81	133							27	1971
86	161							39	Injuries
90	162							35	1967
90	162							30	1968
95	190							34	1969
2.4	3.5							2	1970
2.1	2.5							3	1971
2.9	3.4							1	Fatalities
2.5	3.3							3	1967
2.0	3.4							1	1968
519	137							526	1969
544	151							460	1970
543	146							514	1971
541	148							412	Acc/MVMT
516	143							473	1967
160	49							170	1968
159	48							153	1969
158	47							153	1970
153	49							80	1971
148	48							119	I.A./MVMT
6.2	6.4							15.5	F.A./MVMT
6.4	6.4							11.8	1967
8.1	7.8							5.9	1968
6.2	6.1							15.0	1969
4.3	4.3							5.0	1970
									1971
* 189	62.1							188	Acc/RV
* 184	48.4							201	1967
* 187	49.9							212	1968
* 186	54.4							188	1969
* 177	55.4							202	1970
									1971
* 58.5	20.4							60.7	I.A./RV
* 54.6	17.9							67.1	1967
* 54.3	18.8							63.3	1968
* 53.7	22.2							36.8	1969
* 51.6	19.5							51.6	1970
									1971
* 2.32	2.53							5.52	F.A./RV
* 2.29	2.43							5.16	1967
* 2.94	3.52							2.43	1968
* 2.17	2.29							6.89	1969
* 1.58	1.88							2.15	1970
									1971
** 535	313							687	Acc/RV/RdM
** 529	318							733	1967
** 533	314							770	1968
** 535	366							688	1969
** 505	334							738	1970
									1971
** 168	110							222	I.A./RV/RdM
** 158	101							244	1967
** 159	109							230	1968
** 160	146							134	1969
** 150	116							188	1970
									1971
** 6.31	8.33							20.2	F.A./RV/RdM
** 7.74	14.6							18.8	1967
** 9.39	20.3							8.85	1968
** 6.20	8.58							25.2	1969
** 4.60	8.37							7.85	1970
									1971

* times 10^{-4} ** times 10^{-7}

Grayson

Residency: Wytheville
 District: Bristol

Miles of Secondary Roads, 1970: 645.52
 Population, 1970: 15,439

State		μ	σ	-3σ	-2σ	$-\sigma$	μ	$+\sigma$	$+2\sigma$	$+3\sigma$			
186	398										117	Accidents	1967
210	475										94		1968
227	527										96		1969
237	590										98		1970
246	648										94		1971
81	133										52	Injuries	1967
86	161										40		1968
90	162										30		1969
90	162										54		1970
95	190										39		1971
2.4	3.5										0	Fatalities	1967
2.1	2.5										0		1968
2.9	3.4										1		1969
2.5	3.3										0		1970
2.0	3.4										0		1971
519	137										670	Acc/MVMT	1967
544	151										540		1968
543	146										486		1969
541	148										496		1970
516	143										433		1971
160	49										223	I. A. /MVMT	1967
159	48										160		1968
158	47										106		1969
153	49										166		1970
148	48										106		1971
6.2	6.4										0	F. A. /MVMT	1967
6.4	6.4										0		1968
8.1	7.8										5.1		1969
6.2	6.1										0		1970
4.3	4.3										0		1971
* 189	62.1										242	Acc/RV	1967
* 184	48.4										140		1968
* 187	49.9										135		1969
* 186	54.4										135		1970
* 177	55.4										126		1971
* 58.5	20.4										80.6	I. A. /RV	1967
* 54.6	17.9										41.6		1968
* 54.3	18.8										29.5		1969
* 53.7	22.2										45.3		1970
* 51.6	19.5										30.9		1971
* 2.32	2.53										0	F. A. /RV	1967
* 2.29	2.43										0		1968
* 2.94	3.52										1.40		1969
* 2.17	2.29										0		1970
* 1.58	1.88										0		1971
** 535	313										375	Acc/RV/RdM	1967
** 529	318										217		1968
** 533	314										209		1969
** 535	366										209		1970
** 505	334										194		1971
** 168	110										125	I. A. /RV/RdM	1967
** 158	101										64.6		1968
** 159	109										45.6		1969
** 160	146										70.3		1970
** 150	116										47.6		1971
** 6.31	8.33										0	F. A. /RV/RdM	1967
** 7.74	14.6										0		1968
** 9.39	20.3										2.17		1969
** 6.20	8.58										0		1970
** 4.60	8.37										0		1971

* times 10^{-4} ** times 10^{-7}

2092

Greene

Residency: Charlottesville

Miles of Secondary Roads, 1970: 170.61

District: Culpeper

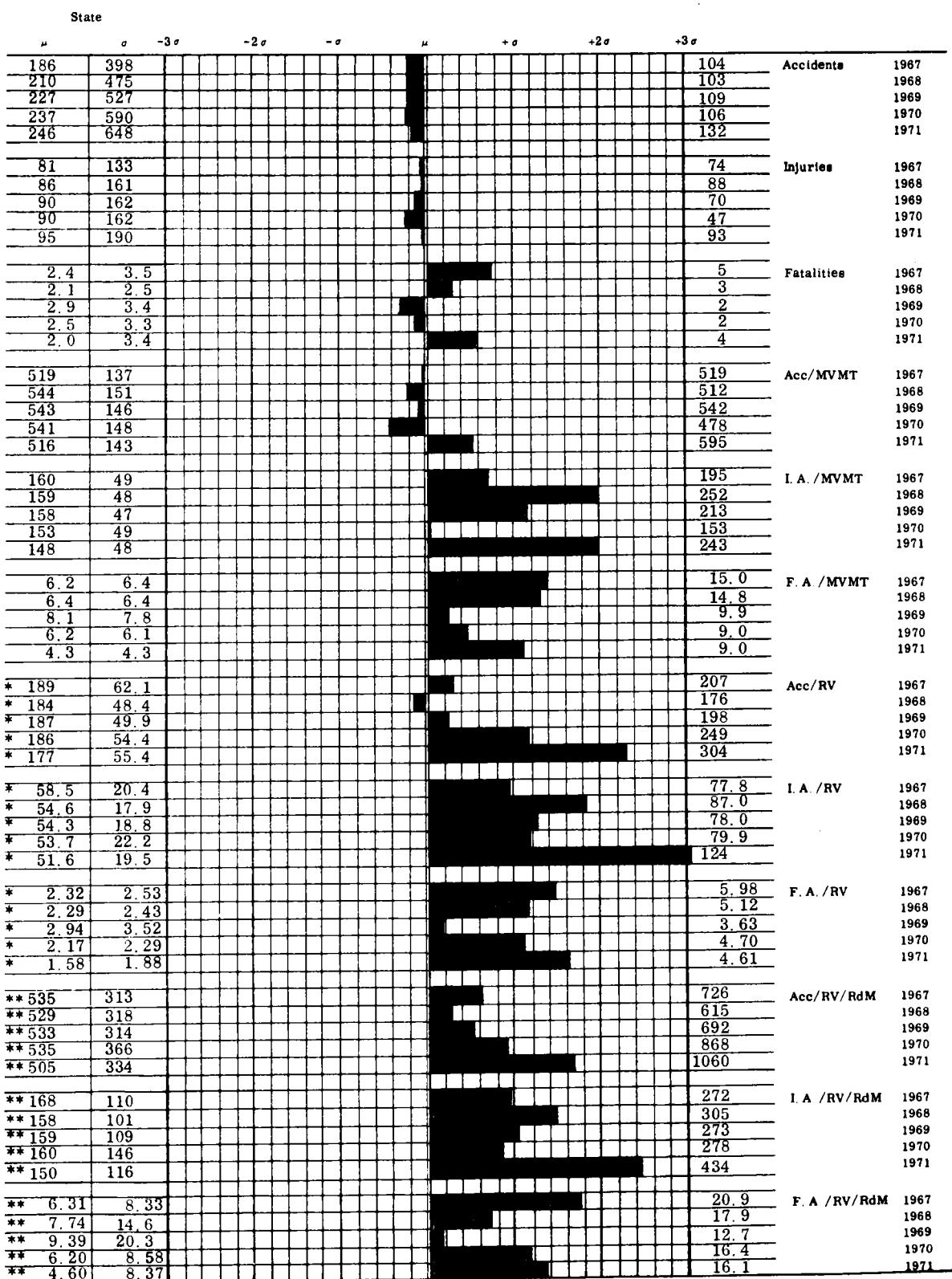
Population, 1970: 5,248

State

μ	σ	-3σ	-2σ	$-\sigma$	μ	$+\sigma$	$+2\sigma$	$+3\sigma$			
186	398							41	Accidents	1967	
210	475							46		1968	
227	527							49		1969	
237	590							49		1970	
246	648							38		1971	
81	133							23	Injuries	1967	
86	161							25		1968	
90	162							14		1969	
90	162							23		1970	
95	190							8		1971	
2.4	3.5							0	Fatalities	1967	
2.1	2.5							0		1968	
2.9	3.4							0		1969	
2.5	3.3							1		1970	
2.0	3.4							0		1971	
519	137							693	Acc/MVMT	1967	
544	151							682		1968	
543	146							726		1969	
541	148							707		1970	
516	143							548		1971	
160	49							271	I.A./MVMT	1967	
159	48							193		1968	
158	47							163		1969	
153	49							173		1970	
148	48							101		1971	
6.2	6.4							0	F.A./MVMT	1967	
6.4	6.4							0		1968	
8.1	7.8							0		1969	
6.2	6.1							14.4		1970	
4.3	4.3							0		1971	
* 189	62.1							235	Acc/RV	1967	
* 184	48.4							233		1968	
* 187	49.9							236		1969	
* 186	54.4							224		1970	
* 177	55.4							161		1971	
* 58.5	20.4							91.5	I.A./RV	1967	
* 54.6	17.9							65.8		1968	
* 54.3	18.8							52.9		1969	
* 53.7	22.2							54.8		1970	
* 51.6	19.5							29.6		1971	
* 2.32	2.53							0	F.A./RV	1967	
* 2.29	2.43							0		1968	
* 2.94	3.52							0		1969	
* 2.17	2.29							4.57		1970	
* 1.58	1.88							0		1971	
** 535	313							1370	Acc/RV/RdM	1967	
** 529	318							1360		1968	
** 533	314							1380		1969	
** 535	366							1310		1970	
** 505	334							941		1971	
** 168	110							534	I.A./RV/RdM	1967	
** 158	101							385		1968	
** 159	109							310		1969	
** 160	146							321		1970	
** 150	116							173		1971	
** 6.31	8.33							0	F.A./RV/RdM	1967	
** 7.74	14.6							0		1968	
** 9.39	20.3							0		1969	
** 6.20	8.58							26.8		1970	
** 4.60	8.37							0		1971	

* times 10⁻⁴** times 10⁻⁷

Greenville

Residency: FranklinMiles of Secondary Roads, 1970: 286.99District: SuffolkPopulation, 1970: 9,604* times 10^{-4} ** times 10^{-7}

2094

Halifax

Residency: Halifax
 District: Lynchburg

Miles of Secondary Roads, 1970: 825.56
 Population, 1970: 30,076

State												
	μ	σ	-3σ	-2σ	$-\sigma$	μ	$+\sigma$	$+2\sigma$	$+3\sigma$			
186	398								229	Accidents	1967	
210	475								303		1968	
227	527								313		1969	
237	590								314		1970	
246	648								293		1971	
81	133								190	Injuries	1967	
86	161								168		1968	
90	162								190		1969	
90	162								194		1970	
95	190								158		1971	
2.4	3.5								3	Fatalities	1967	
2.1	2.5								7		1968	
2.9	3.4								6		1969	
2.5	3.3								10		1970	
2.0	3.4								7		1971	
519	137								461	Acc/MVMT	1967	
544	151								596		1968	
543	146								591		1969	
541	148								592		1970	
516	143								511		1971	
160	49								218	I.A./MVMT	1967	
159	48								210		1968	
158	47								236		1969	
153	49								216		1970	
148	48								190		1971	
6.2	6.4								6.0	F.A./MVMT	1967	
6.4	6.4								11.8		1968	
8.1	7.8								11.3		1969	
6.2	6.1								11.3		1970	
4.3	4.3								12.2		1971	
* 189	62.1								209	Acc/RV	1967	
* 184	48.4								255		1968	
* 187	49.9								247		1969	
* 186	54.4								237		1970	
* 177	55.4								220		1971	
* 58.5	20.4								98.8	I.A./RV	1967	
* 54.6	17.9								90.1		1968	
* 54.3	18.8								98.6		1969	
* 53.7	22.2								86.9		1970	
* 51.6	19.5								82.0		1971	
* 2.32	2.53								2.74	F.A./RV	1967	
* 2.29	2.43								5.05		1968	
* 2.94	3.52								4.73		1969	
* 2.17	2.29								4.54		1970	
* 1.58	1.88								5.26		1971	
** 535	313								254	Acc/RV/RdM	1967	
** 529	318								310		1968	
** 533	314								299		1969	
** 535	366								288		1970	
** 505	334								266		1971	
** 168	110								120	I.A./RV/RdM	1967	
** 158	101								109		1968	
** 159	109								119		1969	
** 160	146								105		1970	
** 150	116								99		1971	
** 6.31	8.33								3.33	F.A./RV/RdM	1967	
** 7.74	14.6								6.13		1968	
** 9.39	20.3								5.73		1969	
** 6.20	8.58								5.50		1970	
** 4.60	8.37								6.36		1971	

* times 10⁻⁴** times 10⁻⁷

2095

Hanover

Residency: AshlandMiles of Secondary Roads, 1970: 569.94District: RichmondPopulation, 1970: 37,479

State

μ	σ	-3σ	-2σ	$-\sigma$	μ	$+\sigma$	$+2\sigma$	$+3\sigma$			
186	398								240	Accidents	1967
210	475								283		1968
227	527								311		1969
237	590								314		1970
246	648								328		1971
81	133								109	Injuries	1967
86	161								105		1968
90	162								134		1969
90	162								141		1970
95	190								131		1971
2.4	3.5								4	Fatalities	1967
2.1	2.5								1		1968
2.9	3.4								6		1969
2.5	3.3								2		1970
2.0	3.4								2		1971
519	137								400	Acc/MVMT	1967
544	151								432		1968
543	146								477		1969
541	148								481		1970
516	143								443		1971
160	49								128	I.A./MVMT	1967
159	48								127		1968
158	47								144		1969
153	49								142		1970
148	48								122		1971
6.2	6.4								6.6	F.A./MVMT	1967
6.4	6.4								1.6		1968
8.1	7.8								6.1		1969
6.2	6.1								3.0		1970
4.3	4.3								2.7		1971
* 189	62.1								157	Acc/RV	1967
* 184	48.4								165		1968
* 187	49.9								167		1969
* 186	54.4								157		1970
* 177	55.4								152		1971
* 58.5	20.4								50.2	I.A./RV	1967
* 54.6	17.9								44.8		1968
* 54.3	18.8								50.5		1969
* 53.7	22.2								47.0		1970
* 51.6	19.5								42.2		1971
* 2.32	2.53								2.61	F.A./RV	1967
* 2.29	2.43								5.82		1968
* 2.94	3.52								2.15		1969
* 2.17	2.29								1.00		1970
* 1.58	1.88								0.93		1971
** 535	313								277	Acc/RV/RdM	1967
** 529	318								293		1968
** 533	314								293		1969
** 535	366								276		1970
** 505	334								260		1971
** 168	110								88.9	I.A./RV/RdM	1967
** 158	101								79.6		1968
** 159	109								88.6		1969
** 160	146								82.5		1970
** 150	116								72.1		1971
** 6.31	8.33								4.62	F.A./RV/RdM	1967
** 7.74	14.6								1.03		1968
** 9.39	20.3								3.77		1969
** 6.20	8.58								1.76		1970
** 4.60	8.37								1.59		1971

* times 10^{-4} ** times 10^{-7}

Henry

Residency: Martinsville
 District: Salem

Miles of Secondary Roads, 1970: 584.27
 Population, 1970: 50,901

State

μ	σ	-3σ	-2σ	$-\sigma$	μ	$+\sigma$	$+2\sigma$	$+3\sigma$			
186	398								434	Accidents	1967
210	475								480		1968
227	527								540		1969
237	590								495		1970
246	648								521		1971
81	133								195	Injuries	1967
86	161								229		1968
90	162								225		1969
90	162								236		1970
95	190								213		1971
2.4	3.5								5	Fatalities	1967
2.1	2.5								8		1968
2.9	3.4								6		1969
2.5	3.3								9		1970
2.0	3.4								6		1971
519	137								564	Acc/MVMT	1967
544	151								627		1968
543	146								623		1969
541	148								571		1970
516	143								555		1971
160	49								178	I. A. / MVMT	1967
159	48								185		1968
158	47								173		1969
153	49								170		1970
148	48								133		1971
6.2	6.4								6.5	F. A. / MVMT	1967
6.4	6.4								9.0		1968
8.1	7.8								5.7		1969
6.2	6.1								10.2		1970
4.3	4.3								6.3		1971
* 189	62.1								197	Acc/RV	1967
* 184	48.4								209		1968
* 187	49.9								215		1969
* 186	54.4								193		1970
* 177	55.4								197		1971
* 58.5	20.4								62.2	I. A. / RV	1967
* 54.6	17.9								62.4		1968
* 54.3	18.8								60.0		1969
* 53.7	22.2								58.4		1970
* 51.6	19.5								47.7		1971
* 2.32	2.53								2.27	F. A. / RV	1967
* 2.29	2.43								3.05		1968
* 2.94	3.52								1.99		1969
* 2.17	2.29								3.51		1970
* 1.58	1.88								2.27		1971
** 535	313								338	Acc/RV/RdM	1967
** 529	318								362		1968
** 533	314								367		1969
** 535	366								330		1970
** 505	334								332		1971
** 168	110								107	I. A. / RV/RdM	1967
** 158	101								108		1968
** 159	109								103		1969
** 160	146								100		1970
** 150	116								80.4		1971
** 6.31	8.33								3.89	F. A. / RV/RdM	1967
** 7.74	14.6								5.28		1968
** 9.39	20.3								3.40		1969
** 6.20	8.58								6.00		1970
** 4.60	8.37								3.83		1971

* times 10^{-4} ** times 10^{-7}

Residency: Staunton

Miles of Secondary Roads, 1970: 213.46

District: Staunton

Population, 1970: 2,529

State

μ	σ	-3σ	-2σ	$-\sigma$	μ	$+\sigma$	$+2\sigma$	$+3\sigma$			
186	398							20	Accidents	1967	
210	475							18		1968	
227	527							19		1969	
237	590							16		1970	
246	648							15		1971	
81	133							6	Injuries	1967	
86	161							7		1968	
90	162							8		1969	
90	162							4		1970	
95	190							5		1971	
2.4	3.5							1	Fatalities	1967	
2.1	2.5							1		1968	
2.9	3.4							0		1969	
2.5	3.3							0		1970	
2.0	3.4							0		1971	
519	137							472	Acc/MVMT	1967	
544	151							425		1968	
543	146							366		1969	
541	148							308		1970	
516	143							286		1971	
160	49							94	I.A./MVMT	1967	
159	48							118		1968	
158	47							96		1969	
153	49							58		1970	
148	48							76		1971	
6.2	6.4							23.6	F.A./MVMT	1967	
6.4	6.4							23.6		1968	
8.1	7.8							0		1969	
6.2	6.1							0		1970	
4.3	4.3							0		1971	
* 189	62.1							166	Acc/RV	1967	
* 184	48.4							142		1968	
* 187	49.9							148		1969	
* 186	54.4							124		1970	
* 177	55.4							115		1971	
* 58.5	20.4							33.1	I.A./RV	1967	
* 54.6	17.9							39.4		1968	
* 54.3	18.8							38.9		1969	
* 53.7	22.2							23.3		1970	
* 51.6	19.5							30.8		1971	
* 2.32	2.53							8.28	F.A./RV	1967	
* 2.29	2.43							7.87		1968	
* 2.94	3.52							0		1969	
* 2.17	2.29							0		1970	
* 1.58	1.88							0		1971	
** 535	313							775	Acc/RV/RdM	1967	
** 529	318							664		1968	
** 533	314							692		1969	
** 535	366							581		1970	
** 505	334							539		1971	
** 168	110							155	I.A./RV/RdM	1967	
** 158	101							185		1968	
** 159	109							182		1969	
** 160	146							109		1970	
** 150	116							144		1971	
** 6.31	8.33							38.7	F.A./RV/RdM	1967	
** 7.74	14.6							36.9		1968	
** 9.39	20.3							0		1969	
** 6.20	8.58							0		1970	
** 4.60	8.37							0		1971	

* times 10^{-4} ** times 10^{-7}

2998

Isle of Wight

Residency: Suffolk
 District: Suffolk

Miles of Secondary Roads, 1970: 408.81
 Population, 1970: 18,285

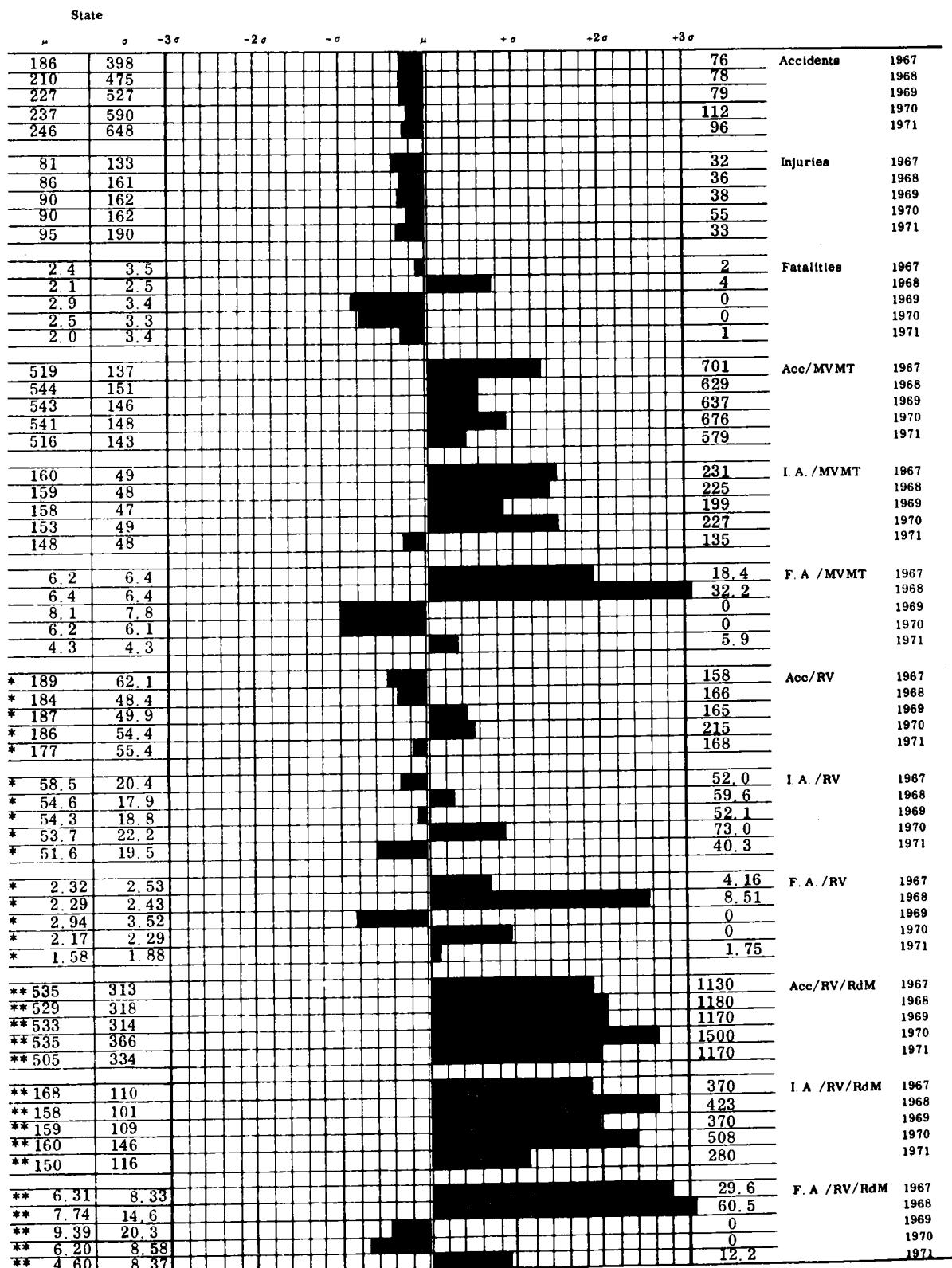
State										
	μ	σ	-3σ	-2σ	$-\sigma$	μ	$+\sigma$	$+2\sigma$	$+3\sigma$	
186	398								125	Accidents
210	475								146	1967
227	527								158	1968
237	590								194	1969
246	648								192	1970
81	133								32	1971
86	161								72	Injuries
90	162								55	1967
90	162								83	1968
95	190								69	1969
2.4	3.5								0	1970
2.1	2.5								3	1971
2.9	3.4								1	Fatalities
2.5	3.3								0	1967
2.0	3.4								1	1968
519	137								451	1969
544	151								537	1970
543	146								530	1971
641	148								650	Acc/MVMT
516	143								573	1967
160	49								94	1968
159	48								140	1969
158	47								124	1970
153	49								193	1971
148	48								137	I. A. /MVMT
6.2	6.4								0	F. A. /MVMT
6.4	6.4								10.8	1967
8.1	7.8								3.3	1968
6.2	6.1								0	1969
4.3	4.3								3.0	1970
*	189	62.1							193	1971
*	184	48.4							200	Acc/RV
*	187	49.9							203	1967
*	186	54.4							239	1968
*	177	55.4							224	1969
*	58.5	20.4							40.2	1970
*	54.6	17.9							53.4	1971
*	54.3	18.8							47.5	I. A. /RV
*	53.7	22.2							71.5	1967
*	51.6	19.5							53.6	1968
*	2.32	2.53							0	1969
*	2.29	2.43							4.11	1970
*	2.94	3.52							1.28	1971
*	2.17	2.29							0	F. A. /RV
*	1.58	1.88							1.17	1967
**	535	313							474	1968
**	529	318							492	1969
**	533	314							496	1970
**	535	366							585	1971
**	505	334							544	Acc/RV/RdM
**	168	110							98.7	I. A. /RV/RdM
**	158	101							131	1967
**	159	109							116	1968
**	160	146							175	1969
**	150	116							130	1970
**	6.31	8.33							0	1971
**	7.74	14.6							10.1	F. A. /RV/RdM
**	9.39	20.3							3.14	1967
**	6.20	8.58							0	1968
**	4.60	8.37							2.83	1969

* times 10^{-4} ** times 10^{-7}

James City

Residency: Williamsburg
 District: Suffolk

Miles of Secondary Roads, 1970: 143.70
 Population, 1970: 17,853

* times 10^{-4} ** times 10^{-7}

King and Queen

Residency: Saluda

Miles of Secondary Roads, 1970: 292.48

District: Fredericksburg

Population, 1970: 5,491

State		μ	σ	-3σ	-2σ	$-\sigma$	μ	$+\sigma$	$+2\sigma$	$+3\sigma$	
186	398										Accidents
210	475										1967
227	527										1968
237	590										1969
246	648										1970
											1971
81	133										Injuries
86	161										1967
90	162										1968
90	162										1969
95	190										1970
											1971
2.4	3.5										Fatalities
2.1	2.5										1967
2.9	3.4										1968
2.5	3.3										1969
2.0	3.4										1970
											1971
519	137										Acc/MVMT
544	151										1967
543	146										1968
541	148										1969
516	143										1970
											1971
160	49										I. A. / MVMT
159	48										1967
158	47										1968
153	49										1969
148	48										1970
											1971
6.2	6.4										F. A. / MVMT
6.4	6.4										1967
8.1	7.8										1968
6.2	6.1										1969
4.3	4.3										1970
											1971
* 189	62.1										Acc/RV
* 184	48.4										1967
* 187	49.9										1968
* 186	54.4										1969
* 177	55.4										1970
											1971
* 58.5	20.4										I. A. / RV
* 54.6	17.9										1967
* 54.3	18.8										1968
* 53.7	22.2										1969
* 51.6	19.5										1970
											1971
* 2.32	2.53										F. A. / RV
* 2.29	2.43										1967
* 2.94	3.52										1968
* 2.17	2.29										1969
* 1.58	1.88										1970
											1971
** 535	313										Acc/RV/RdM
** 529	318										1967
** 533	314										1968
** 535	366										1969
** 505	334										1970
											1971
** 168	110										I. A. / RV/RdM
** 158	101										1967
** 159	109										1968
** 160	146										1969
** 150	116										1970
											1971
** 6.31	8.33										F. A. / RV/RdM
** 7.74	14.6										1967
** 9.39	20.3										1968
** 6.20	8.58										1969
** 4.60	8.37										1970
											1971

* times 10^{-4} ** times 10^{-7}

King George

Residency: Fredericksburg

Miles of Secondary Roads, 1970: 144.99

District: Fredericksburg

Population, 1970: 8,039

State

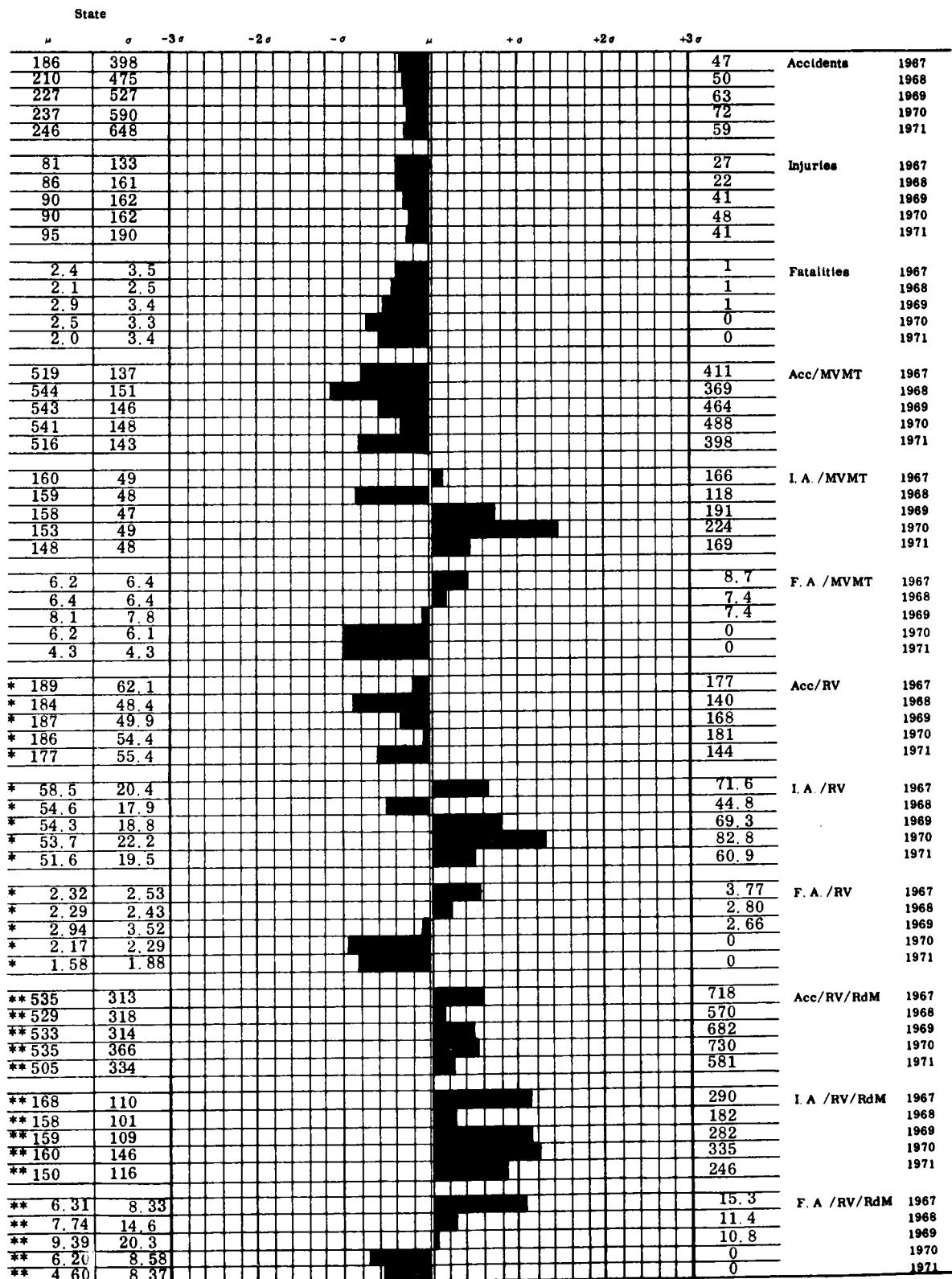
μ	σ	-3σ	-2σ	$-\sigma$	μ	$+\sigma$	$+2\sigma$	$+3\sigma$			
186	398							36	Accidents	1967	
210	475							31		1968	
227	527							29		1969	
237	590							38		1970	
246	648							21		1971	
81	133							18	Injuries	1967	
86	161							1		1968	
90	162							7		1969	
90	162							15		1970	
95	190							11		1971	
2.4	3.5							0	Fatalities	1967	
2.1	2.5							0		1968	
2.9	3.4							0		1969	
2.5	3.3							1		1970	
2.0	3.4							0		1971	
519	137							428	Acc/MVMT	1967	
544	151							362		1968	
543	146							318		1969	
541	148							417		1970	
516	143							219		1971	
160	49							119	I. A. / MVMT	1967	
159	48							12		1968	
158	47							77		1969	
153	49							130		1970	
148	48							83		1971	
6.2	6.4							0	F. A. / MVMT	1967	
6.4	6.4							0		1968	
8.1	7.8							0		1969	
6.2	6.1							10.9		1970	
4.3	4.3							0		1971	
* 189	62.1							123	Acc/RV	1967	
* 184	48.4							90.2		1968	
* 187	49.9							78.9		1969	
* 186	54.4							98.1		1970	
* 177	55.4							51.4		1971	
* 58.5	20.4							34.2	I. A. / RV	1967	
* 54.6	17.9							29.1		1968	
* 54.3	18.8							19.0		1969	
* 53.7	22.2							31.0		1970	
* 51.6	19.5							19.6		1971	
* 2.32	2.53							0	F. A. / RV	1967	
* 2.29	2.43							0		1968	
* 2.94	3.52							0		1969	
* 2.17	2.29							2.58		1970	
* 1.58	1.88							0		1971	
** 535	313							827	Acc/RV/RdM	1967	
** 529	318							612		1968	
** 533	314							544		1969	
** 535	366							677		1970	
** 505	334							351		1971	
** 168	110							230	I. A. / RV/RdM	1967	
** 158	101							197		1968	
** 159	109							131		1969	
** 160	146							214		1970	
** 150	116							134		1971	
** 6.31	8.33							0	F. A. / RV/RdM	1967	
** 7.74	14.6							0		1968	
** 9.39	20.3							0		1969	
** 6.20	8.58							17.8		1970	
** 4.60	8.37							0		1971	

* times 10^{-4} ** times 10^{-7}

King William

Residency: Bowling Green
 District: Fredericksburg

Miles of Secondary Roads, 1970: 247.42
 Population, 1970: 7,497

* times 10^{-4} ** times 10^{-7}

Lancaster

Residency: Warsaw
 District: Fredericksburg

Miles of Secondary Roads, 1970: 186.27
 Population, 1970: 9,126

State										Accidents	1967
μ	σ	-3σ	-2σ	$-\sigma$	μ	$+\sigma$	$+2\sigma$	$+3\sigma$			
186	398								36	Accidents	1967
210	475								45		1968
227	527								52		1969
237	590								36		1970
246	648								40		1971
81	133								21	Injuries	1967
86	161								23		1968
90	162								31		1969
90	162								5		1970
95	190								25		1971
2.4	3.5								0	Fatalities	1967
2.1	2.5								2		1968
2.9	3.4								5		1969
2.5	3.3								0		1970
2.0	3.4								0		1971
519	137								208	Acc/MVMT	1967
544	151								242		1968
543	146								279		1969
541	148								191		1970
516	143								211		1971
160	49								75	I. A. / MVMT	1967
159	48								64		1968
158	47								91		1969
153	49								26		1970
148	48								84		1971
6.2	6.4								0	F. A. / MVMT	1967
6.4	6.4								10.7		1968
8.1	7.8								16.1		1969
6.2	6.1								0		1970
4.3	4.3								0		1971
* 189	62.1								94.1	Acc/RV	1967
* 184	48.4								101		1968
* 187	49.9								112		1969
* 186	54.4								74.8		1970
* 177	55.4								79.5		1971
* 58.5	20.4								34.0	I. A. / RV	1967
* 54.6	17.9								26.9		1968
* 54.3	18.8								36.9		1969
* 53.7	22.2								10.4		1970
* 51.6	19.5								31.8		1971
* 2.32	2.53								0	F. A. / RV	1967
* 2.29	2.43								4.49		1968
* 2.94	3.52								6.45		1969
* 2.17	2.29								0		1970
* 1.58	1.88								0		1971
** 535	313								509	Acc/RV/RdM	1967
** 529	318								548		1968
** 533	314								606		1969
** 535	366								402		1970
** 505	334								427		1971
** 168	110								184	I. A. / RV/RdM	1967
** 158	101								146		1968
** 159	109								198		1969
** 160	146								55.8		1970
** 150	116								171		1971
** 6.31	8.33								0	F. A. / RV/RdM	1967
** 7.74	14.6								24.4		1968
** 9.39	20.3								35.0		1969
** 6.20	8.58								0		1970
** 4.60	8.37								0		1971

* times 10^{-4} ** times 10^{-7}

Residency: Jonesville
 District: Bristol

Miles of Secondary Roads, 1970: 527.10
 Population, 1970: 20,321

State									
μ	σ	-3σ	-2σ	$-\sigma$	μ	$+\sigma$	$+2\sigma$	$+3\sigma$	
186	398						73	90	Accidents 1967
210	475						101	110	1968
227	527						100	100	1969
237	590								1970
246	648								1971
81	133						30	30	Injuries 1967
86	161						33	33	1968
90	162						43	43	1969
90	162						45	45	1970
95	190						36	36	1971
2.4	3.5						0	0	Fatalities 1967
2.1	2.5						0	0	1968
2.9	3.4						2	2	1969
2.5	3.3						0	0	1970
2.0	3.4						2	2	1971
519	137						396	396	Acc/MVMT 1967
544	151						449	449	1968
543	146						502	502	1969
541	148						489	489	1970
516	143						444	444	1971
160	49						109	109	I.A./MVMT 1967
159	48						115	115	1968
158	47						104	104	1969
153	49						133	133	1970
148	48						98	98	1971
6.2	6.4						0	0	F.A./MVMT 1967
6.4	6.4						0	0	1968
8.1	7.8						9.9	9.9	1969
6.2	6.1						0	0	1970
4.3	4.3						4.4	4.4	1971
* 189	62.1						112	112	Acc/RV 1967
* 184	48.4						129	129	1968
* 187	49.9						139	139	1969
* 186	54.4						147	147	1970
* 177	55.4						128	128	1971
* 58.5	20.4						30.7	30.7	I.A./RV 1967
* 54.6	17.9						33.0	33.0	1968
* 54.3	18.8						28.9	28.9	1969
* 53.7	22.2						40.2	40.2	1970
* 51.6	19.5						28.2	28.2	1971
* 2.32	2.53						0	0	F.A./RV 1967
* 2.29	2.43						0	0	1968
* 2.94	3.52						2.75	2.75	1969
* 2.17	2.29						0	0	1970
* 1.58	1.88						1.28	1.28	1971
** 535	313						213	213	Acc/RV/RdM 1967
** 529	318						246	246	1968
** 533	314						265	265	1969
** 535	366						280	280	1970
** 505	334						244	244	1971
** 168	110						58.3	58.3	I.A./RV/RdM 1967
** 158	101						62.8	62.8	1968
** 159	109						55.1	55.1	1969
** 160	146						76.2	76.2	1970
** 150	116						53.6	53.6	1971
** 6.31	8.33						0	0	F.A./RV/RdM 1967
** 7.74	14.6						0	0	1968
** 9.39	20.3						5.25	5.25	1969
** 6.20	8.58						0	0	1970
** 4.60	8.37						2.44	2.44	1971

* times 10^{-4} ** times 10^{-7}

LoudounResidency: LeesburgMiles of Secondary Roads, 1970: 663.53District: CulpeperPopulation, 1970: 37,150

State

μ	σ	-3σ	-2σ	$-\sigma$	μ	$+\sigma$	$+2\sigma$	$+3\sigma$			
186	398								245	Accidents	1967
210	475								271		1968
227	527								273		1969
237	590								333		1970
246	648								355		1971
81	133								91	Injuries	1967
86	161								91		1968
90	162								84		1969
90	162								138		1970
95	190								126		1971
2.4	3.5								1	Fatalities	1967
2.1	2.5								1		1968
2.9	3.4								3		1969
2.5	3.3								2		1970
2.0	3.4								1		1971
519	137								599	Acc/MVMT	1967
544	151								539		1968
543	146								543		1969
541	148								588		1970
516	143								622		1971
160	49								149	I. A. / MVMT	1967
159	48								113		1968
158	47								113		1969
153	49								154		1970
148	48								151		1971
6.2	6.4								2.4	F. A. / MVMT	1967
6.4	6.4								2.0		1968
8.1	7.8								4.0		1969
6.2	6.1								3.5		1970
4.3	4.3								1.8		1971
* 189	62.1								186	Acc/RV	1967
* 184	48.4								164		1968
* 187	49.9								152		1969
* 186	54.4								170		1970
* 177	55.4								168		1971
* 58.5	20.4								46.2	I. A. / RV	1967
* 54.6	17.9								34.6		1968
* 54.3	18.8								31.7		1969
* 53.7	22.2								44.5		1970
* 51.6	19.5								40.7		1971
* 2.32	2.53								0.76	F. A. / RV	1967
* 2.29	2.43								0.61		1968
* 2.94	3.52								1.11		1969
* 2.17	2.29								1.02		1970
* 1.58	1.88								4.73		1971
** 535	313								278	Acc/RV/RdM	1967
** 529	318								247		1968
** 533	314								228		1969
** 535	366								257		1970
** 505	334								253		1971
** 168	110								69.2	I. A. / RV/RdM	1967
** 158	101								51.9		1968
** 159	109								47.6		1969
** 160	146								67.1		1970
** 150	116								61.3		1971
** 6.31	8.33								1.14	F. A. / RV/RdM	1967
** 7.74	14.6								0.91		1968
** 9.39	20.3								1.67		1969
** 6.20	8.58								1.54		1970
** 4.60	8.37								0.71		1971

* times 10^{-4} ** times 10^{-7}

2106

Louisa

Residency: LouisaMiles of Secondary Roads, 1970: 461.34District: CulpeperPopulation, 1970: 14,004

State

μ	σ	-3σ	-2σ	$-\sigma$	μ	$+\sigma$	$+2\sigma$	$+3\sigma$			
186	398							92	Accidents	1967	
210	475							100		1968	
227	527							111		1969	
237	590							152		1970	
246	648							171		1971	
81	133							49	Injuries	1967	
86	161							53		1968	
90	162							51		1969	
90	162							94		1970	
95	190							64		1971	
2.4	3.5							2	Fatalities	1967	
2.1	2.5							3		1968	
2.9	3.4							2		1969	
2.5	3.3							3		1970	
2.0	3.4							1		1971	
519	137							479	Acc/MVMT	1967	
544	151							488		1968	
543	146							541		1969	
541	148							543		1970	
516	143							608		1971	
160	49							151	I.A./MVMT	1967	
159	48							151		1968	
158	47							175		1969	
153	49							175		1970	
148	48							149		1971	
6.2	6.4							5.2	F.A./MVMT	1967	
6.4	6.4							14.6		1968	
8.1	7.8							9.7		1969	
6.2	6.1							7.1		1970	
4.3	4.3							3.6		1971	
* 189	62.1							180	Acc/RV	1967	
* 184	48.4							179		1968	
* 187	49.9							188		1969	
* 186	54.4							239		1970	
* 177	55.4							253		1971	
* 58.5	20.4							56.8	I.A./RV	1967	
* 54.6	17.9							55.4		1968	
* 54.3	18.8							61.0		1969	
* 53.7	22.2							77.2		1970	
* 51.6	19.5							62.1		1971	
* 2.32	2.53							1.96	F.A./RV	1967	
* 2.29	2.43							5.37		1968	
* 2.94	3.52							3.39		1969	
* 2.17	2.29							3.15		1970	
* 1.58	1.88							1.48		1971	
** 535	313							391	Acc/RV/RdM	1967	
** 529	318							389		1968	
** 533	314							409		1969	
** 535	366							519		1970	
** 505	334							548		1971	
** 168	110							123	I.A./RV/RdM	1967	
** 158	101							121		1968	
** 159	109							133		1969	
** 160	146							167		1970	
** 150	116							135		1971	
** 6.31	8.33							4.25	F.A./RV/RdM	1967	
** 7.74	14.6							11.7		1968	
** 9.39	20.3							7.37		1969	
** 6.20	8.58							6.83		1970	
** 4.60	8.37							3.21		1971	

* times 10^{-4} ** times 10^{-7}

Lunenburg

Residency: Amelia

Miles of Secondary Roads, 1970: 491.44

District: Richmond

Population, 1970: 11,687

State

μ	σ	-3σ	-2σ	$-\sigma$	μ	$+\sigma$	$+2\sigma$	$+3\sigma$			
186	398							88	Accidents	1967	
210	475							90		1968	
227	527							89		1969	
237	590							91		1970	
246	648							77		1971	
81	133							42	Injuries	1967	
86	161							48		1968	
90	162							62		1969	
90	162							53		1970	
95	190							46		1971	
2.4	3.5							0	Fatalities	1967	
2.1	2.5							2		1968	
2.9	3.4							6		1969	
2.5	3.3							0		1970	
2.0	3.4							0		1971	
519	137							505	Acc/MVMT	1967	
544	151							503		1968	
543	146							496		1969	
541	148							451		1970	
516	143							381		1971	
160	49							149	I.A./MVMT	1967	
159	48							145		1968	
158	47							151		1969	
153	49							139		1970	
148	48							158		1971	
6.2	6.4							0	F.A./MVMT	1967	
6.4	6.4							11.2		1968	
8.1	7.8							27.9		1969	
6.2	6.1							0		1970	
4.3	4.3							0		1971	
* 189	62.1							223	Acc/RV	1967	
* 184	48.4							191		1968	
* 187	49.9							186		1969	
* 186	54.4							182		1970	
* 177	55.4							147		1971	
* 58.5	20.4							65.7	I.A./RV	1967	
* 54.6	17.9							55.2		1968	
* 54.3	18.8							56.5		1969	
* 53.7	22.2							55.9		1970	
* 51.6	19.5							61.0		1971	
* 2.32	2.53							0	F.A./RV	1967	
* 2.29	2.43							4.24		1968	
* 2.94	3.52							10.5		1969	
* 2.17	2.29							0		1970	
* 1.58	1.88							0		1971	
** 535	313							454	Acc/RV/RdM	1967	
** 529	318							389		1968	
** 533	314							380		1969	
** 535	366							370		1970	
** 505	334							299		1971	
** 168	110							134	I.A./RV/RdM	1967	
** 158	101							112		1968	
** 159	109							115		1969	
** 160	146							114		1970	
** 150	116							124		1971	
** 6.31	8.33							0	F.A./RV/RdM	1967	
** 7.74	14.6							8.65		1968	
** 9.39	20.3							21.3		1969	
** 6.20	8.58							0		1970	
** 4.60	8.37							0		1971	

* times 10^{-4} ** times 10^{-7}

2168

MadisonResidency: CulpeperMiles of Secondary Roads, 1970: 300.97District: CulpeperPopulation, 1970: 8,638

State

μ	σ	-3σ	-2σ	$-\sigma$	μ	$+\sigma$	$+2\sigma$	$+3\sigma$			
186	398							53	Accidents	1967	
210	475							66		1968	
227	527							58		1969	
237	590							66		1970	
246	648							71		1971	
81	133							36	Injuries	1967	
86	161							35		1968	
90	162							22		1969	
90	162							44		1970	
95	190							51		1971	
2.4	3.5							1	Fatalities	1967	
2.1	2.5							1		1968	
2.9	3.4							2		1969	
2.5	3.3							1		1970	
2.0	3.4							1		1971	
519	137							533	Acc/MVMT	1967	
544	151							620		1968	
543	146							544		1969	
541	148							605		1970	
516	143							649		1971	
160	49							251	I.A./MVMT	1967	
159	48							188		1968	
158	47							150		1969	
153	49							257		1970	
148	48							311		1971	
6.2	6.4							10.1	F.A./MVMT	1967	
6.4	6.4							9.4		1968	
8.1	7.8							18.8		1969	
6.2	6.1							9.2		1970	
4.3	4.3							9.1		1971	
* 189	62.1							161	Acc/RV	1967	
* 184	48.4							184		1968	
* 187	49.9							153		1969	
* 186	54.4							165		1970	
* 177	55.4							173		1971	
* 58.5	20.4							76.0	I.A./RV	1967	
* 54.6	17.9							55.6		1968	
* 54.3	18.8							42.3		1969	
* 53.7	22.2							70.1		1970	
* 51.6	19.5							82.7		1971	
* 2.32	2.53							3.04	F.A./RV	1967	
* 2.29	2.43							2.78		1968	
* 2.94	3.52							5.29		1969	
* 2.17	2.29							2.50		1970	
* 1.58	1.88							2.43		1971	
** 535	313							535	Acc/RV/RdM	1967	
** 529	318							611		1968	
** 533	314							511		1969	
** 535	366							549		1970	
** 505	334							574		1971	
** 168	110							252	I.A./RV/RdM	1967	
** 158	101							185		1968	
** 159	109							141		1969	
** 160	146							233		1970	
** 150	116							275		1971	
** 6.31	8.33							10.1	F.A./RV/RdM	1967	
** 7.74	14.6							9.26		1968	
** 9.39	20.3							17.6		1969	
** 6.20	8.58							8.32		1970	
** 4.60	8.37							8.08		1971	

* times 10^{-4} ** times 10^{-7}

Mathews

Residency: Saluda

Miles of Secondary Roads, 1970: 132.81

District: Fredericksburg

Population, 1970: 7,168

State

μ	σ	-3σ	-2σ	$-\sigma$	μ	$+\sigma$	$+2\sigma$	$+3\sigma$			
186	398							38	Accidents	1967	
210	475							34		1968	
227	527							24		1969	
237	590							32		1970	
246	648							28		1971	
81	133							12	Injuries	1967	
86	161							21		1968	
90	162							10		1969	
90	162							18		1970	
95	190							10		1971	
2.4	3.5							0	Fatalities	1967	
2.1	2.5							1		1968	
2.9	3.4							0		1969	
2.5	3.3							1		1970	
2.0	3.4							0		1971	
519	137							343	Acc/MVMT	1967	
544	151							288		1968	
543	146							203		1969	
541	148							259		1970	
516	143							226		1971	
160	49							99	I.A./MVMT	1967	
159	48							102		1968	
158	47							76		1969	
153	49							105		1970	
148	48							48		1971	
6.2	6.4							0	F.A./MVMT	1967	
6.4	6.4							8.5		1968	
8.1	7.8							0		1969	
6.2	6.1							8.1		1970	
4.3	4.3							0		1971	
* 189	62.1							109	Acc/RV	1967	
* 184	48.4							90.8		1968	
* 187	49.9							63.2		1969	
* 186	54.4							82.2		1970	
* 177	55.4							71.4		1971	
* 58.5	20.4							31.5	I.A./RV	1967	
* 54.6	17.9							32.0		1968	
* 54.3	18.8							23.7		1969	
* 53.7	22.2							33.4		1970	
* 51.6	19.5							15.3		1971	
* 2.32	2.53							0	F.A./RV	1967	
* 2.29	2.43							2.67		1968	
* 2.94	3.52							0		1969	
* 2.17	2.29							2.57		1970	
* 1.58	1.88							0		1971	
** 535	313							818	Acc/RV/RdM	1967	
** 529	318							686		1968	
** 533	314							478		1969	
** 535	366							619		1970	
** 505	334							537		1971	
** 168	110							237	I.A./RV/RdM	1967	
** 158	101							242		1968	
** 159	109							179		1969	
** 160	146							251		1970	
** 150	116							115		1971	
** 6.31	8.33							0	F.A./RV/RdM	1967	
** 7.74	14.6							20.2		1968	
** 9.39	20.3							0		1969	
** 6.20	8.58							19.3		1970	
** 4.60	8.37							0		1971	

* times 10^{-4} ** times 10^{-7}

Mecklenburg

Residency: South Hill
 District: Richmond

Miles of Secondary Roads, 1970: 701.40
 Population, 1970: 29,426

State

μ	σ	-3σ	-2σ	$-\sigma$	μ	$+\sigma$	$+2\sigma$	$+3\sigma$			
186	398							192	Accidents	1967	
210	475							181		1968	
227	527							180		1969	
237	590							206		1970	
246	648							196		1971	
81	133							144	Injuries	1967	
86	161							118		1968	
90	162							106		1969	
90	162							110		1970	
95	190							121		1971	
2.4	3.5							10	Fatalities	1967	
2.1	2.5							4		1968	
2.9	3.4							1		1969	
2.5	3.3							1		1970	
2.0	3.4							5		1971	
519	137							531	Acc/MVMT	1967	
544	151							499		1968	
543	146							500		1969	
541	148							571		1970	
516	143							499		1971	
160	49							218	I. A. / MVMT	1967	
159	48							199		1968	
158	47							181		1969	
153	49							197		1970	
148	48							193		1971	
6.2	6.4							19.3	F. A. / MVMT	1967	
6.4	6.4							11.0		1968	
8.1	7.8							2.8		1969	
6.2	6.1							2.8		1970	
4.3	4.3							12.7		1971	
* 189	62.1							190	Acc/RV	1967	
* 184	48.4							153		1968	
* 187	49.9							146		1969	
* 186	54.4							161		1970	
* 177	55.4							150		1971	
* 58.5	20.4							78.1	I. A. / RV	1967	
* 54.6	17.9							60.7		1968	
* 54.3	18.8							52.7		1969	
* 53.7	22.2							55.5		1970	
* 51.6	19.5							58.0		1971	
* 2.32	2.53							6.92	F. A. / RV	1967	
* 2.29	2.43							3.37		1968	
* 2.94	3.52							0.81		1969	
* 2.17	2.29							0.78		1970	
* 1.58	1.88							3.82		1971	
** 535	313							269	Acc/RV/RdM	1967	
** 529	318							212		1968	
** 533	314							208		1969	
** 535	366							229		1970	
** 505	334							212		1971	
** 168	110							111	I. A. / RV/RdM	1967	
** 158	101							84.5		1968	
** 159	109							75.1		1969	
** 160	146							79.1		1970	
** 150	116							82.2		1971	
** 6.31	8.33							9.82	F. A. / RV/RdM	1967	
** 7.74	14.6							4.70		1968	
** 9.39	20.3							1.16		1969	
** 6.20	8.58							1.11		1970	
** 4.60	8.37							5.41		1971	

* times 10^{-4} ** times 10^{-7}

Middlesex

Residency: Saluda
 District: Fredericksburg

Miles of Secondary Roads, 1970: 142.02
 Population, 1970: 6,295

State

	μ	σ	-3σ	-2σ	$-\sigma$	μ	$+\sigma$	$+2\sigma$	$+3\sigma$		
186	398								27	Accidents	1967
210	475								31		1968
227	527								37		1969
237	590								20		1970
246	648								30		1971
81	133								3	Injuries	1967
86	161								12		1968
90	162								37		1969
90	162								10		1970
95	190								11		1971
2.4	3.5								1	Fatalities	1967
2.1	2.5								1		1968
2.9	3.4								1		1969
2.5	3.3								0		1970
2.0	3.4								1		1971
519	137							247	Acc/MVMT	1967	
544	151							274		1968	
543	146							322		1969	
541	148							158		1970	
516	143							237		1971	
160	49							27	I.A./MVMT	1967	
159	48							89		1968	
158	47							148		1969	
153	49							63		1970	
148	48							55		1971	
6.2	6.4							9.2	F.A./MVMT	1967	
6.4	6.4							8.9		1968	
8.1	7.8							8.7		1969	
6.2	6.1							0		1970	
4.3	4.3							7.9		1971	
* 189	62.1							94.5	Acc/RV	1967	
* 184	48.4							100		1968	
* 187	49.9							116		1969	
* 186	54.4							60.3		1970	
* 177	55.4							84.9		1971	
* 58.5	20.4							10.5	I.A./RV	1967	
* 54.6	17.9							32.4		1968	
* 54.3	18.8							53.1		1969	
* 53.7	22.2							24.1		1970	
* 51.6	19.5							19.8		1971	
* 2.32	2.53							3.50	F.A./RV	1967	
* 2.29	2.43							3.24		1968	
* 2.94	3.52							3.12		1969	
* 2.17	2.29							0		1970	
* 1.58	1.88							2.83		1971	
** 535	313							678	Acc/RV/RdM	1967	
** 529	318							722		1968	
** 533	314							832		1969	
** 535	366							425		1970	
** 505	334							598		1971	
** 168	110							753	I.A./RV/RdM	1967	
** 158	101							233		1968	
** 159	109							382		1969	
** 160	146							170		1970	
** 150	116							139		1971	
** 6.31	8.33							25.1	F.A./RV/RdM	1967	
** 7.74	14.6							23.3		1968	
** 9.39	20.3							22.5		1969	
** 6.20	8.58							0		1970	
** 4.60	8.37							19.9		1971	

* times 10^{-4} ** times 10^{-7}

Montgomery

Residency: Christiansburg

Miles of Secondary Roads, 1970: 413.96

District: Salem

Population, 1970: 47,157

State		μ	σ	-3σ	-2σ	$-\sigma$	μ	$+\sigma$	$+2\sigma$	$+3\sigma$		
186	398										359	Accidents
210	475										372	1967
227	527										366	1968
237	590										387	1969
246	648										329	1970
												1971
81	133										151	Injuries
86	161										130	1967
90	162										127	1968
90	162										195	1969
95	190										143	1970
												1971
2.4	3.5										1	Fatalities
2.1	2.5										4	1967
2.9	3.4										4	1968
2.5	3.3										5	1969
2.0	3.4										3	1970
												1971
519	137										990	Acc/MVMT
544	151										1063	1967
543	146										921	1968
541	148										967	1969
516	143										724	1970
												1971
160	49										292	I. A. /MVMT
159	48										266	1967
158	47										227	1968
153	49										260	1969
148	48										207	1970
												1971
6.2	6.4										2.8	F. A. /MVMT
6.4	6.4										11.4	1967
8.1	7.8										7.6	1968
6.2	6.1										12.5	1969
4.3	4.3										4.4	1970
												1971
* 189	62.1										281	Acc/RV
* 184	48.4										212	1967
* 187	49.9										192	1968
* 186	54.4										196	1969
* 177	55.4										162	1970
												1971
* 58.5	20.4										82.9	I. A. /RV
* 54.6	17.9										53.1	1967
* 54.3	18.8										47.1	1968
* 53.7	22.2										52.6	1969
* 51.6	19.5										46.4	1970
												1971
* 2.32	2.53										0.78	F. A. /RV
* 2.29	2.43										2.28	1967
* 2.94	3.52										1.57	1968
* 2.17	2.29										2.53	1969
* 1.58	1.88										0.99	1970
												1971
** 535	313										673	Acc/RV/RdM
** 529	318										512	1967
** 533	314										463	1968
** 535	366										473	1969
** 505	334										386	1970
												1971
** 168	110										199	I. A. /RV/RdM
** 158	101										128	1967
** 159	109										114	1968
** 160	146										127	1969
** 150	116										110	1970
												1971
** 6.31	8.33										1.87	F. A. /RV/RdM
** 7.74	14.6										5.50	1967
** 9.39	20.3										3.79	1968
** 6.20	8.58										6.11	1969
** 4.60	8.37										2.34	1970
												1971

* times 10^{-4}
 ** times 10^{-7}

NansemondResidency: SuffolkMiles of Secondary Roads, 1970: 431.21District: SuffolkPopulation, 1970: 35,166

State

μ	σ	-3σ	-2σ	$-\sigma$	μ	$+\sigma$	$+2\sigma$	$+3\sigma$			
186	398								228	Accidents	1967
210	475								256		1968
227	527								253		1969
237	590								235		1970
246	648								295		1971
81	133								118	Injuries	1967
86	161								131		1968
90	162								122		1969
90	162								121		1970
95	190								166		1971
2.4	3.5								5	Fatalities	1967
2.1	2.5								4		1968
2.9	3.4								4		1969
2.5	3.3								2		1970
2.0	3.4								1		1971
519	137								575	Acc/MVMT	1967
544	151								643		1968
543	146								577		1969
541	148								532		1970
516	143								609		1971
160	49								207	I.A./MVMT	1967
159	48								226		1968
158	47								201		1969
153	49								184		1970
148	48								219		1971
6.2	6.4								10.1	F.A./MVMT	1967
6.4	6.4								10.0		1968
8.1	7.8								9.1		1969
6.2	6.1								4.5		1970
4.3	4.3								2.1		1971
* 189	62.1								220	Acc/RV	1967
* 184	48.4								237		1968
* 187	49.9								223		1969
* 186	54.4								193		1970
* 177	55.4								228		1971
* 58.5	20.4								79.1	I.A./RV	1967
* 54.6	17.9								83.1		1968
* 54.3	18.8								77.6		1969
* 53.7	22.2								66.6		1970
* 51.6	19.5								81.8		1971
* 2.32	2.53								3.86	F.A./RV	1967
* 2.29	2.43								3.70		1968
* 2.94	3.52								3.53		1969
* 2.17	2.29								1.64		1970
* 1.58	1.88								0.77		1971
** 535	313								512	Acc/RV/RdM	1967
** 529	318								553		1968
** 533	314								518		1969
** 535	366								448		1970
** 505	334								522		1971
** 168	110								184	I.A./RV/RdM	1967
** 158	101								194		1968
** 159	109								180		1969
** 160	146								154		1970
** 150	116								188		1971
** 6.31	8.33								8.98	F.A./RV/RdM	1967
** 7.74	14.6								8.64		1968
** 9.39	20.3								8.18		1969
** 6.20	8.58								3.81		1970
** 4.60	8.37								1.77		1971

* times 10^{-4} ** times 10^{-7}

2114

NelsonResidency: AmherstMiles of Secondary Roads, 1970: 510.41District: LynchburgPopulation, 1970: 11,702

State

μ	σ	-3σ	-2σ	$-\sigma$	μ	$+\sigma$	$+2\sigma$	$+3\sigma$			
186	398							65	Accidents	1967	
210	475							84		1968	
227	527							80		1969	
237	590							83		1970	
246	648							75		1971	
81	133							41	Injuries	1987	
86	161							24		1968	
90	162							36		1969	
90	162							29		1970	
95	190							34		1971	
2.4	3.5							0	Fatalities	1967	
2.1	2.5							0		1968	
2.9	3.4							0		1969	
2.5	3.3							3		1970	
2.0	3.4							1		1971	
519	137							548	Acc/MVMT	1967	
544	151							709		1968	
543	146							675		1969	
541	148							663		1970	
516	143							599		1971	
160	49							160	I. A. /MVMT	1967	
159	48							177		1968	
158	47							186		1969	
153	49							160		1970	
148	48							184		1971	
6.2	6.4							0	F. A. /MVMT	1967	
6.4	6.4							0		1968	
8.1	7.8							0		1969	
6.2	6.1							24.0		1970	
4.3	4.3							8.0		1971	
* 189	62.1							149	Acc/RV	1967	
* 184	48.4							178		1968	
* 187	49.9							162		1969	
* 186	54.4							168		1970	
* 177	55.4							148		1971	
* 58.5	20.4							43.7	I. A. /RV	1967	
* 54.6	17.9							44.5		1968	
* 54.3	18.8							44.6		1969	
* 53.7	22.2							40.6		1970	
* 51.6	19.5							45.4		1971	
* 2.32	2.53							0	F. A. /RV	1967	
* 2.29	2.43							0		1968	
* 2.94	3.52							0		1969	
* 2.17	2.29							6.08		1970	
* 1.58	1.88							1.97		1971	
** 535	313							322	Acc/RV/RdM	1967	
** 529	318							385		1968	
** 533	314							351		1969	
** 535	366							363		1970	
** 505	334							319		1971	
** 168	110							94.1	I. A. /RV/RdM	1967	
** 158	101							96.3		1968	
** 159	109							96.6		1969	
** 160	146							87.5		1970	
** 150	116							97.8		1971	
** 6.31	8.33							0	F. A. /RV/RdM	1967	
** 7.74	14.6							0		1968	
** 9.39	20.3							0		1969	
** 6.20	8.58							13.1		1970	
** 4.60	8.37							4.25		1971	

* times 10^{-4} ** times 10^{-7}

New Kent

Residency: Sandston
 District: Richmond

Miles of Secondary Roads, 1970: 178.65
 Population, 1970: 5,300

State											
μ	σ	-3σ	-2σ	$-\sigma$	μ	$+\sigma$	$+2\sigma$	$+3\sigma$			
186	398							35	Accidents	1967	
210	475							28		1968	
227	527							34		1969	
237	590							42		1970	
246	648							39		1971	
81	133							19	Injuries	1967	
86	161							11		1968	
90	162							38		1969	
90	162							28		1970	
95	190							23		1971	
2.4	3.5							1	Fatalities	1967	
2.1	2.5							1		1968	
2.9	3.4							2		1969	
2.5	3.3							3		1970	
2.0	3.4							1		1971	
519	137							503	Acc/MVMT	1967	
544	151							402		1968	
543	146							415		1969	
541	148							511		1970	
516	143							332		1971	
160	49							172	I.A./MVMT	1967	
159	48							144		1968	
158	47							171		1969	
153	49							231		1970	
148	48							128		1971	
6.2	6.4							14.4	F.A./MVMT	1967	
6.4	6.4							14.4		1968	
8.1	7.8							24.4		1969	
6.2	6.1							24.3		1970	
4.3	4.3							8.5		1971	
* 189	62.1							166	Acc/RV	1967	
* 184	48.4							120		1968	
* 187	49.9							135		1969	
* 186	54.4							157		1970	
* 177	55.4							136		1971	
* 58.5	20.4							57.1	I.A./RV	1967	
* 54.6	17.9							42.8		1968	
* 54.3	18.8							55.8		1969	
* 53.7	22.2							70.9		1970	
* 51.6	19.5							52.1		1971	
* 2.32	2.53							4.76	F.A./RV	1967	
* 2.29	2.43							4.28		1968	
* 2.94	3.52							7.97		1969	
* 2.17	2.29							7.47		1970	
* 1.58	1.88							3.47		1971	
** 535	313							931	Acc/RV/RdM	1967	
** 529	318							671		1968	
** 533	314							758		1969	
** 535	366							878		1970	
** 505	334							756		1971	
** 168	110							319	I.A./RV/RdM	1967	
** 158	101							240		1968	
** 159	109							312		1969	
** 160	146							397		1970	
** 150	116							291		1971	
** 6.31	8.33							26.6	F.A./RV/RdM	1967	
** 7.74	14.6							24.0		1968	
** 9.39	20.3							44.6		1969	
** 6.20	8.58							41.8		1970	
** 4.60	8.37							19.4		1971	

* times 10^{-4} ** times 10^{-7}

Northampton

Residency: Accomac
 District: Suffolk

Miles of Secondary Roads, 1970: 218.59
 Population, 1970: 14,442

State		-3+	-2+	-1+	+0	+1+	+2+	+3+	Accidents	1967
186	398								81	1967
210	475								76	1968
227	527								86	1969
237	590								95	1970
246	648								98	1971
81	133								31	Injuries
86	161								17	1967
90	162								21	1968
90	162								17	1969
95	190								26	1970
									0	1971
2.4	3.5								0	Fatalities
2.1	2.5								0	1967
2.9	3.4								0	1968
2.5	3.3								1	1969
2.0	3.4								1	1970
									1	1971
519	137								305	Acc/MVMT
544	151								270	1967
543	146								306	1968
541	148								383	1969
518	143								394	1970
										1971
160	49								79	I.A./MVMT
159	48								53	1967
158	47								68	1968
153	49								64	1969
148	48								88	1970
										1971
6.2	6.4								0	F.A./MVMT
6.4	6.4								0	1967
8.1	7.8								0	1968
6.2	6.1								4.0	1969
4.3	4.3								4.0	1970
										1971
* 189	62.1								140	Acc/RV
* 184	48.4								120	1967
* 187	49.9								133	1968
* 186	54.4								145	1969
* 177	55.4								147	1970
										1971
* 58.5	20.4								36.3	I.A./RV
* 54.6	17.9								23.8	1967
* 54.3	18.8								29.4	1968
* 53.7	22.2								24.4	1969
* 51.6	19.5								32.9	1970
										1971
* 2.32	2.53								0	F.A./RV
* 2.29	2.43								0	1967
* 2.94	3.52								0	1968
* 2.17	2.29								1.52	1969
* 1.58	1.88								1.50	1970
										1971
** 635	313								637	Acc/RV/RdM
** 529	318								552	1967
** 533	314								611	1968
** 535	366								663	1969
** 505	334								671	1970
										1971
** 168	110								165	I.A./RV/RdM
** 158	101								109	1967
** 159	109								135	1968
** 180	146								112	1969
** 150	116								151	1970
										1971
** 6.31	6.33								0	F.A./RV/RdM
** 7.74	14.6								0	1967
** 9.39	20.3								0	1968
** 6.20	8.58								6.97	1969
** 4.60	8.37								6.84	1970

* times 10^{-4}
 ** times 10^{-7}

Northumberland

Residency: Warsaw

Miles of Secondary Roads, 1970: 289.67

District: Fredericksburg

Population, 1970: 9,289

State

μ	σ	-3σ	-2σ	$-\sigma$	μ	$+\sigma$	$+2\sigma$	$+3\sigma$			
186	398							55	Accidents	1967	
210	475							43		1968	
227	527							46		1969	
237	590							58		1970	
246	648							48		1971	
81	133							25	Injuries	1967	
86	161							27		1968	
90	162							19		1969	
90	162							29		1970	
95	190							24		1971	
2.4	3.5							1	Fatalities	1967	
2.1	2.5							1		1968	
2.9	3.4							1		1969	
2.5	3.3							0		1970	
2.0	3.4							0		1971	
519	137							264	Acc/MVMT	1967	
544	151							186		1968	
543	146							198		1969	
541	148							236		1970	
516	143							196		1971	
160	49							91	I.A./MVMT	1967	
159	48							82		1968	
158	47							69		1969	
153	49							65		1970	
148	48							69		1971	
6.2	6.4							4.8	F.A./MVMT	1967	
6.4	6.4							4.3		1968	
8.1	7.8							4.3		1969	
6.2	6.1							0		1970	
4.3	4.3							0		1971	
* 189	62.1							132	Acc/RV	1967	
* 184	48.4							95.8		1968	
* 187	49.9							100		1969	
* 186	54.4							121		1970	
* 177	55.4							96.2		1971	
* 58.5	20.4							45.7	I.A./RV	1967	
* 54.6	17.9							42.3		1968	
* 54.3	18.8							34.8		1969	
* 53.7	22.2							33.4		1970	
* 51.6	19.5							34.1		1971	
* 2.32	2.53							2.40	F.A./RV	1967	
* 2.29	2.43							2.23		1968	
* 2.94	3.52							2.18		1969	
* 2.17	2.29							0		1970	
* 1.58	1.88							0		1971	
** 535	313							469	Acc/RV/RdM	1967	
** 529	318							341		1968	
** 533	314							356		1969	
** 535	366							418		1970	
** 505	334							332		1971	
** 168	110							162	I.A./RV/RdM	1967	
** 158	101							151		1968	
** 159	109							124		1969	
** 160	146							115		1970	
** 150	116							118		1971	
** 6.31	8.33							8.53	F.A./RV/RdM	1967	
** 7.74	14.6							7.93		1968	
** 9.39	20.3							7.75		1969	
** 6.20	8.58							0		1970	
** 4.60	8.37							0		1971	

* times 10^{-4} ** times 10^{-7}

Nottoway

Residency: Amelia
 District: Richmond

Miles of Secondary Roads, 1970: 297.09
 Population, 1970: 14,260

State		μ	σ	-3σ	-2σ	$-\sigma$	σ	$+1\sigma$	$+2\sigma$	$+3\sigma$		
186	398										69	Accidents
210	475										99	1967
227	527										91	1968
237	590										86	1969
246	648										93	1970
												1971
81	133										39	Injuries
86	161										48	1967
90	162										26	1968
90	162										48	1969
95	190										49	1970
												1971
2.4	3.5										3	Fatalities
2.1	2.5										1	1967
2.9	3.4										3	1968
2.5	3.3										0	1969
2.0	3.4										3	1970
												1971
519	137										357	Acc/MVMT
544	151										509	1967
543	146										494	1968
541	148										466	1969
516	143										457	1970
												1971
160	49										129	I.A./MVMT
159	48										154	1967
158	47										114	1968
153	49										168	1969
148	48										177	1970
												1971
6.2	6.4										15.5	F.A./MVMT
6.4	6.4										5.1	1967
8.1	7.8										16.3	1968
6.2	6.1										0	1969
4.3	4.3										9.8	1970
												1971
* 189	62.1										127	Acc/RV
* 184	48.4										160	1967
* 187	49.9										140	1968
* 186	54.4										128	1969
* 177	55.4										135	1970
												1971
* 58.5	20.4										45.8	I.A./RV
* 54.6	17.9										48.4	1967
* 54.3	18.8										32.4	1968
* 53.7	22.2										46.2	1969
* 51.6	19.5										52.2	1970
												1971
* 2.32	2.53										5.50	F.A./RV
* 2.29	2.43										1.61	1967
* 2.94	3.52										4.62	1968
* 2.17	2.29										0	1969
* 1.58	1.88										2.90	1970
												1971
** 535	313										427	Acc/RV/RdM
** 529	318										540	1967
** 533	314										472	1968
** 535	366										432	1969
** 505	334										454	1970
												1971
** 168	110										155	I.A./RV/RdM
** 158	101										164	1967
** 159	109										109	1968
** 160	146										156	1969
** 150	116										176	1970
												1971
** 6.31	8.33										18.6	F.A./RV/RdM
** 7.74	14.6										5.45	1967
** 9.39	20.3										15.6	1968
** 6.20	8.58										0	1969
** 4.60	8.37										9.76	1970
												1971

* times 10^{-4} ** times 10^{-7}

Orange

Residency: Culpeper
 District: Culpeper

Miles of Secondary Roads, 1970: 341.61
 Population, 1970: 13,792

State									
	μ	σ	-3σ	-2σ	$-\sigma$	μ	$+\sigma$	$+2\sigma$	$+3\sigma$
186	398							75	Accidents
210	475							99	1967
227	527							101	1968
237	590							113	1969
246	648							109	1970
81	133							48	1971
86	161							59	
90	162							69	
90	162							41	
95	190							51	
2.4	3.5							0	Fatalities
2.1	2.5							0	1967
2.9	3.4							0	1968
2.5	3.3							0	1969
2.0	3.4							1	1970
								1	1971
519	137							481	Acc/MVMT
544	151							541	1967
543	146							550	1968
541	148							607	1969
516	143							585	1970
									1971
160	49							147	I.A./MVMT
159	48							208	1967
158	47							207	1968
153	49							172	1969
148	48							161	1970
									1971
6.2	6.4							0	F.A./MVMT
6.4	6.4							0	1967
8.1	7.8							0	1968
6.2	6.1							5.4	1969
4.3	4.3							5.4	1970
									1971
* 189	62.1							126	Acc/RV
* 184	48.4							152	1967
* 187	49.9							150	1968
* 186	54.4							161	1969
* 177	55.4							147	1970
									1971
* 58.5	20.4							38.8	I.A./RV
* 54.6	17.9							58.2	1967
* 54.3	18.8							56.3	1968
* 53.7	22.2							45.7	1969
* 51.6	19.5							40.5	1970
									1971
* 2.32	2.53							0	F.A./RV
* 2.29	2.43							0	1967
* 2.94	3.52							0	1968
* 2.17	2.29							1.43	1969
* 1.58	1.88							1.35	1970
									1971
** 535	313							371	Acc/RV/RdM
** 529	318							447	1967
** 533	314							441	1968
** 535	366							472	1969
** 505	334							430	1970
									1971
** 168	110							114	I.A./RV/RdM
** 158	101							171	1967
** 159	109							166	1968
** 160	146							134	1969
** 150	116							118	1970
									1971
** 6.31	8.33							0	F.A./RV/RdM
** 7.74	14.6							0	1967
** 9.39	20.3							0	1968
** 6.20	8.58							4.18	1969
** 4.60	8.37							3.95	1970
									1971

* times 10^{-4} ** times 10^{-7}

Residency: Luray

Miles of Secondary Roads, 1970: 299.33

District: Staunton

Population, 1970: 16,581

State												
μ	σ	-3σ	-2σ	$-\sigma$	μ	$+\sigma$	$+2\sigma$	$+3\sigma$				
186	398								135	Accidents	1967	
210	475								85		1968	
227	527								172		1969	
237	590								165		1970	
246	648								161		1971	
81	133								55	Injuries	1967	
86	161								57		1968	
90	162								80		1969	
90	162								65		1970	
95	190								56		1971	
2.4	3.5								2	Fatalities	1967	
2.1	2.5								0		1968	
2.9	3.4								3		1969	
2.5	3.3								2		1970	
2.0	3.4								1		1971	
519	137								766	Acc/MVMT	1967	
544	151								480		1968	
543	146								884		1969	
541	148								847		1970	
516	143								707		1971	
160	49								181	I.A./MVMT	1967	
159	48								170		1968	
158	47								200		1969	
153	49								226		1970	
148	48								189		1971	
6.2	6.4								11.3	F.A./MVMT	1967	
6.4	6.4								0		1968	
8.1	7.8								15.4		1969	
6.2	6.1								10.3		1970	
4.3	4.3								4.4		1971	
* 189	62.1								217	Acc/RV	1967	
* 184	48.4								119		1968	
* 187	49.9								226		1969	
* 186	54.4								209		1970	
* 177	55.4								192		1971	
* 58.5	20.4								51.4	I.A./RV	1967	
* 54.6	17.9								42.0		1968	
* 54.3	18.8								51.3		1969	
* 53.7	22.2								55.7		1970	
* 51.6	19.5								51.4		1971	
* 2.32	2.53								3.22	F.A./RV	1967	
* 2.29	2.43								0		1968	
* 2.94	3.52								3.95		1969	
* 2.17	2.29								2.53		1970	
* 1.58	1.88								1.19		1971	
** 535	313								726	Acc/RV/RdM	1967	
** 529	318								399		1968	
** 533	314								757		1969	
** 535	366								698		1970	
** 505	334								643		1971	
** 168	110								172	I.A./RV/RdM	1967	
** 158	101								141		1968	
** 159	109								172		1969	
** 160	146								186		1970	
** 150	116								172		1971	
** 6.31	8.33								10.8	F.A./RV/RdM	1967	
** 7.74	14.6								0		1968	
** 9.39	20.3								13.2		1969	
** 6.20	8.58								8.46		1970	
** 4.60	8.37								3.99		1971	

* times 10^{-4}
 ** times 10^{-7}

Patrick

Residency: Martinsville
 District: Salem

Miles of Secondary Roads, 1970: 626.50
 Population, 1970: 15,282

State

μ	σ	-3σ	-2σ	$-\sigma$	μ	$+\sigma$	$+2\sigma$	$+3\sigma$			
186	398								101	Accidents	1967
210	475								124		1968
227	527								137		1969
237	590								139		1970
246	648								135		1971
81	133								48	Injuries	1967
86	161								56		1968
90	162								52		1969
90	162								47		1970
95	190								55		1971
2.4	3.5								1	Fatalities	1967
2.1	2.5								0		1968
2.9	3.4								2		1969
2.5	3.3								3		1970
2.0	3.4								0		1971
519	137								421	Acc/MVMT	1967
544	151								481		1968
543	146								528		1969
541	148								515		1970
516	143								499		1971
160	49								133	I.A./MVMT	1967
159	48								140		1968
158	47								135		1969
153	49								130		1970
148	48								159		1971
6.2	6.4								4.2	F.A./MVMT	1967
6.4	6.4								0		1968
8.1	7.8								7.7		1969
6.2	6.1								11.1		1970
4.3	4.3								0		1971
* 189	62.1								166	Acc/RV	1967
* 184	48.4								187		1968
* 187	49.9								195		1969
* 186	54.4								189		1970
* 177	55.4								175		1971
* 58.5	20.4								52.6	I.A./RV	1967
* 54.6	17.9								54.4		1968
* 54.3	18.8								49.9		1969
* 53.7	22.2								47.6		1970
* 51.6	19.5								55.7		1971
* 2.32	2.53								1.64	F.A./RV	1967
* 2.29	2.43								0		1968
* 2.94	3.52								2.85		1969
* 2.17	2.29								4.08		1970
* 1.58	1.88								0		1971
** 535	313								266	Acc/RV/RdM	1967
** 529	318								300		1968
** 533	314								313		1969
** 535	366								302		1970
** 505	334								279		1971
** 168	110								84.2	I.A./RV/RdM	1967
** 158	101								87.1		1968
** 159	109								80.1		1969
** 160	146								76.0		1970
** 150	116								88.9		1971
** 6.31	8.33								2.63	F.A./RV/RdM	1967
** 7.74	14.6								0		1968
** 9.39	20.3								4.57		1969
** 6.20	8.58								6.52		1970
** 4.60	8.37								0		1971

* times 10^{-4} ** times 10^{-7}

Pittsylvania

Residency: Chatham
 District: Lynchburg

Miles of Secondary Roads, 1970: 1,444.88
 Population, 1970: 58,789

State										
	μ	σ	-3σ	-2σ	$-\sigma$	μ	$+\sigma$	$+2\sigma$	$+3\sigma$	
186	398								551	Accidents
210	475								590	1967
227	527								618	1968
237	590								623	1969
246	648								598	1970
										1971
81	133							313	Injuries	
86	161							262	1967	
90	162							312	1968	
90	162							315	1969	
95	190							316	1970	
										1971
2.4	3.5							19	Fatalities	
2.1	2.5							12	1967	
2.9	3.4							19	1968	
2.5	3.3							8	1969	
2.0	3.4							22	1970	
										1971
519	137							618	Acc/MVMT	
544	151							636	1967	
549	146							666	1968	
541	148							652	1969	
516	143							625	1970	
										1971
160	49							205	I. A./MVMT	
159	48							180	1967	
158	47							217	1968	
153	49							212	1969	
148	48							198	1970	
										1971
6.2	6.4							13.5	F. A./MVMT	
6.4	6.4							11.9	1967	
8.1	7.8							15.1	1968	
6.2	6.1							8.4	1969	
4.3	4.3							14.6	1970	
										1971
* 189	62.1							246	Acc/RV	
* 184	48.4							261	1967	
* 187	49.9							259	1968	
* 186	54.4							247	1969	
* 177	55.4							227	1970	
										1971
* 58.5	20.4							81.7	I. A./RV	
* 54.6	17.9							73.9	1967	
* 54.3	18.8							84.4	1968	
* 53.7	22.2							80.5	1969	
* 51.6	19.5							71.8	1970	
										1971
* 2.32	2.53							5.36	F. A./RV	
* 2.29	2.43							4.87	1967	
* 2.94	3.52							5.88	1968	
* 2.17	2.29							3.17	1969	
* 1.58	1.88							5.32	1970	
										1971
** 535	313							170	Acc/RV/RdM	
** 529	318							181	1967	
** 533	314							180	1968	
** 535	366							171	1969	
** 505	334							157	1970	
										1971
** 168	110							56.5	I. A./RV/RdM	
** 158	101							51.3	1967	
** 159	109							58.6	1968	
** 160	146							55.7	1969	
** 150	116							49.7	1970	
										1971
** 6.31	8.33							3.71	F. A./RV/RdM	
** 7.74	14.6							3.38	1967	
** 9.39	20.3							4.08	1968	
** 6.20	8.58							2.20	1969	
** 4.60	8.37							3.68	1970	
										1971

* times 10^{-4} ** times 10^{-7}

Powhatan

Residency: Chesterfield

Miles of Secondary Roads, 1970: 208.09

District: Richmond

Population, 1970: 7,696

State											
	μ	σ	-3σ	-2σ	$-\sigma$	μ	$+\sigma$	$+2\sigma$	$+3\sigma$		
186	398								57	Accidents	1967
210	475								50		1968
227	527								65		1969
237	590								59		1970
246	648								64		1971
81	133								34	Injuries	1967
86	161								32		1968
90	162								36		1969
90	162								30		1970
95	190								32		1971
2.4	3.5								0	Fatalities	1967
2.1	2.5								0		1968
2.9	3.4								1		1969
2.5	3.3								0		1970
2.0	3.4								0		1971
519	137							423	Acc/MVMT	1967	
544	151							368		1968	
543	146							475		1969	
541	148							427		1970	
516	143							399		1971	
160	49							193	I. A. / MVMT	1967	
159	48							147		1968	
158	47							175		1969	
153	49							181		1970	
148	48							143		1971	
6.2	6.4							0	F. A. / MVMT	1967	
6.4	6.4							0		1968	
8.1	7.8							7.3		1969	
6.2	6.1							0		1970	
4.3	4.3							0		1971	
* 189	62.1							220	Acc/RV	1967	
* 184	48.4							176		1968	
* 187	49.9							217		1969	
* 186	54.4							183		1970	
* 177	55.4							191		1971	
* 58.5	20.4							100	I. A. / RV	1967	
* 54.6	17.9							70.6		1968	
* 54.3	18.8							80.2		1969	
* 53.7	22.2							77.5		1970	
* 51.6	19.5							68.8		1971	
* 2.32	2.53							0	F. A. / RV	1967	
* 2.29	2.43							0		1968	
* 2.94	3.52							3.34		1969	
* 2.17	2.29							0		1970	
* 1.58	1.88							0		1971	
** 535	313							1060	Acc/RV/RdM	1967	
** 529	318							858		1968	
** 533	314							1040		1969	
** 535	366							879		1970	
** 505	334							909		1971	
** 168	110							485	I. A. / RV/RdM	1967	
** 158	101							343		1968	
** 159	109							385		1969	
** 160	146							373		1970	
** 150	116							327		1971	
** 6.31	8.33							0	F. A. / RV/RdM	1967	
** 7.74	14.6							0		1968	
** 9.39	20.3							1.61		1969	
** 6.20	8.58							0		1970	
** 4.60	8.37							0		1971	

* times 10^{-4} ** times 10^{-7}

Prince Edward

Residency: Dillwyn
 District: Lynchburg

Miles of Secondary Roads, 1970: 401.09
 Population, 1970: 14,379

State										Accidents	1967
μ	σ	-3σ	-2σ	$-\sigma$	μ	$+\sigma$	$+2\sigma$	$+3\sigma$			
186	398								62	Accidents	1967
210	475								64		1968
227	527								94		1969
237	590								75		1970
246	648								84		1971
81	133								49	Injuries	1967
86	161								45		1968
90	162								57		1969
90	162								42		1970
95	190								70		1971
2.4	3.5								3	Fatalities	1967
2.1	2.5								2		1968
2.9	3.4								2		1969
2.5	3.3								3		1970
2.0	3.4								0		1971
519	137								401	Acc/MVMT	1967
544	151								400		1968
543	146								585		1969
541	148								464		1970
518	143								545		1971
160	49								187	I. A. /MVMT	1967
159	48								150		1968
158	47								187		1969
153	49								173		1970
148	48								260		1971
6.2	6.4								19.4	F. A. /MVMT	1967
6.4	6.4								12.5		1968
6.1	7.8								12.4		1969
6.2	6.1								18.5		1970
4.3	4.3								0		1971
* 189	62.1								130	Acc/RV	1967
* 184	48.4								114		1968
* 187	49.9								159		1969
* 186	54.4								121		1970
* 177	55.4								129		1971
* 58.5	20.4								60.8	I. A. /RV	1967
* 54.6	17.9								42.6		1968
* 54.3	18.8								50.8		1969
* 53.7	22.2								45.1		1970
* 51.6	19.5								61.6		1971
* 2.32	2.53								6.29	F. A. /RV	1967
* 2.29	2.43								3.55		1968
* 2.94	3.52								3.39		1969
* 2.17	2.29								4.83		1970
* 1.58	1.88								0		1971
** 535	313								326	Acc/RV/RdM	1967
** 529	318								285		1968
** 533	314								399		1969
** 535	366								301		1970
** 505	334								322		1971
** 168	110								152	I. A. /RV/RdM	1967
** 158	101								107		1968
** 159	109								127		1969
** 160	146								112		1970
** 150	116								154		1971
** 6.31	8.33								15.8	F. A. /RV/RdM	1967
** 7.74	14.6								8.90		1968
** 9.39	20.3								8.50		1969
** 6.20	8.58								12.0		1970
** 4.60	8.37								0		1971

* times 10^{-4} ** times 10^{-7}

Prince George

Residency: Petersburg

Miles of Secondary Roads, 1970: 267.13

District: Richmond

Population, 1970: 29,092

State

μ	σ	-3σ	-2σ	$-\sigma$	μ	$+\sigma$	$+2\sigma$	$+3\sigma$			
186	398								115	Accidents	1967
210	475								146		1968
227	527								96		1969
237	590								151		1970
246	648								143		1971
81	133								76	Injuries	1967
86	161								73		1968
90	162								44		1969
90	162								58		1970
95	190								61		1971
2.4	3.5								3	Fatalities	1967
2.1	2.5								3		1968
2.9	3.4								2		1969
2.5	3.3								2		1970
2.0	3.4								0		1971
519	137								387	Acc/MVMT	1967
544	151								491		1968
543	146								364		1969
541	148								568		1970
516	143								427		1971
160	49								165	I.A./MVMT	1967
159	48								155		1968
158	47								106		1969
153	49								162		1970
148	48								114		1971
6.2	6.4								10.1	F.A./MVMT	1967
6.4	6.4								6.7		1968
8.1	7.8								7.6		1969
6.2	6.1								7.5		1970
4.3	4.3								0		1971
* 189	62.1								178	Acc/RV	1967
* 184	48.4								205		1968
* 187	49.9								155		1969
* 186	54.4								203		1970
* 177	55.4								177		1971
* 58.5	20.4								75.9	I.A./RV	1967
* 54.6	17.9								64.5		1968
* 54.3	18.8								42.1		1969
* 53.7	22.2								57.9		1970
* 51.6	19.5								47.0		1971
* 2.32	2.53								4.65	F.A./RV	1967
* 2.29	2.43								2.80		1968
* 2.94	3.52								3.01		1969
* 2.17	2.29								2.69		1970
* 1.58	1.88								0		1971
** 535	313								649	Acc/RV/RdM	1967
** 529	318								751		1968
** 533	314								540		1969
** 535	366								761		1970
** 505	334								655		1971
** 168	110								277	I.A./RV/RdM	1967
** 158	101								237		1968
** 159	109								158		1969
** 160	146								217		1970
** 150	116								174		1971
** 6.31	8.33								16.9	F.A./RV/RdM	1967
** 7.74	14.6								10.3		1968
** 9.39	20.3								11.3		1969
** 6.20	8.58								10.1		1970
** 4.60	8.37								0		1971

* times 10^{-4} ** times 10^{-7}

Prince William

Residency: Manassas
 District: Culpeper

Miles of Secondary Roads, 1970: 471.80
 Population, 1970: 111,102

State								Accidents	1967 1968 1969 1970 1971
μ	σ	-3σ	-2σ	$-\sigma$	μ	$+\sigma$	$+2\sigma$		
186	398							520	
210	475							578	1967
227	527							692	1968
237	590							854	1969
246	648							954	1970
									1971
81	133							222	Injuries
86	161							270	1967
90	162							266	1968
90	162							287	1969
95	190							343	1970
									1971
2.4	3.5							5	Fatalities
2.1	2.5							7	1967
2.9	3.4							4	1968
2.5	3.3							4	1969
2.0	3.4							6	1970
									1971
519	137							701	Acc/MVMT
544	151							685	1967
543	146							800	1968
541	148							630	1969
516	143							716	1970
									1971
160	49							212	I. A. / MVMT
159	48							207	1967
158	47							227	1968
153	49							145	1969
148	48							186	1970
									1971
6.2	6.4							6.7	F. A. / MVMT
6.4	6.4							5.9	1967
8.1	7.8							2.3	1968
6.2	6.1							2.2	1969
4.3	4.3							4.5	1970
									1971
* 189	62.1							178	Acc/RV
* 184	48.4							158	1967
* 187	49.9							169	1968
* 186	54.4							182	1969
* 177	55.4							180	1970
									1971
* 58.5	20.4							53.6	I. A. / RV
* 54.6	17.9							47.9	1967
* 54.3	18.8							47.8	1968
* 53.7	22.2							41.7	1969
* 51.6	19.5							46.7	1970
									1971
* 2.32	2.53							1.71	F. A. / RV
* 2.29	2.43							1.37	1967
* 2.94	3.52							0.49	1968
* 2.17	2.29							0.64	1969
* 1.58	1.88							1.13	1970
									1971
** 535	313							395	Acc/RV/RdM
** 529	318							352	1967
** 533	314							376	1968
** 535	366							385	1969
** 505	334							381	1970
									1971
** 168	110							119	I. A. / RV/RdM
** 158	101							107	1967
** 159	109							106	1968
** 160	146							88.4	1969
** 150	116							98.9	1970
									1971
** 6.31	8.33							3.80	F. A. / RV/RdM
** 7.74	14.6							3.05	1967
** 9.39	20.3							1.09	1968
** 6.20	8.58							1.35	1969
** 4.60	8.37							2.39	1970
									1971

* times 10^{-4} ** times 10^{-7}

Pulaski

Residency: Christiansburg

Miles of Secondary Roads, 1970: 318.29

District: Salem

Population, 1970: 29,564

State		μ	σ	-3σ	-2σ	$-\sigma$	μ	$+\sigma$	$+2\sigma$	$+3\sigma$			
186	398										201	Accidents	1967
210	475										288		1968
227	527										272		1969
237	590										240		1970
246	648										211		1971
81	133										113	Injuries	1967
86	161										126		1968
90	162										122		1969
90	162										102		1970
95	190										92		1971
2.4	3.5										1	Fatalities	1967
2.1	2.5										1		1968
2.9	3.4										5		1969
2.5	3.3										0		1970
2.0	3.4										2		1971
519	137										575	Acc/MVMT	1967
544	151										823		1968
543	146										679		1969
541	148										595		1970
516	143										486		1971
160	49										203	I. A. / MVMT	1967
159	48										240		1968
158	47										207		1969
153	49										193		1970
148	48										131		1971
6.2	6.4										2.9	F. A. / MVMT	1967
6.4	6.4										2.9		1968
8.1	7.8										12.5		1969
6.2	6.1										0		1970
4.3	4.3										4.6		1971
* 189	62.1										186	Acc/RV	1967
* 184	48.4										239		1968
* 187	49.9										211		1969
* 186	54.4										182		1970
* 177	55.4										154		1971
* 58.5	20.4										65.9	I. A. / RV	1967
* 54.6	17.9										69.8		1968
* 54.3	18.8										64.5		1969
* 53.7	22.2										59.1		1970
* 51.6	19.5										41.5		1971
* 2.32	2.53										0.93	F. A. / RV	1967
* 2.29	2.43										0.83		1968
* 2.94	3.52										3.89		1969
* 2.17	2.29										0		1970
* 1.58	1.88										1.46		1971
** 535	313										585	Acc/RV/RdM	1967
** 529	318										754		1968
** 533	314										664		1969
** 535	366										571		1970
** 505	334										477		1971
** 168	110										207	I. A. / RV/RdM	1967
** 158	101										220		1968
** 159	109										203		1969
** 160	146										186		1970
** 150	116										129		1971
** 6.31	8.33										2.91	F. A. / RV/RdM	1967
** 7.74	14.6										2.62		1968
** 9.39	20.3										12.2		1969
** 6.20	8.58										0		1970
** 4.60	8.37										4.53		1971

* times 10^{-4} ** times 10^{-7}

Rappahannock

Residency: Warrenton
 District: Culpeper

Miles of Secondary Roads, 1970: 219.88
 Population, 1970: 5,199

State										Accidents	1967
μ	σ	-3σ	-2σ	$-\sigma$	μ	$+\sigma$	$+2\sigma$	$+3\sigma$			
186	398								37	Accidents	1967
210	475								31		1968
227	527								43		1969
237	590								57		1970
246	648								38		1971
81	133								15	Injuries	1967
86	161								14		1968
90	162								25		1969
90	162								22		1970
95	190								13		1971
2.4	3.5								0	Fatalities	1967
2.1	2.5								0		1968
2.9	3.4								0		1969
2.5	3.3								1		1970
2.0	3.4								1		1971
519	137								614	Acc/MVMT	1967
544	151								482		1968
543	146								669		1969
541	148								824		1970
516	143								550		1971
160	49								183	I.A./MVMT	1967
159	48								140		1968
158	47								295		1969
153	49								188		1970
148	48								130		1971
6.2	6.4								0	F.A./MVMT	1967
6.4	6.4								0		1968
8.1	7.8								0		1969
6.2	6.1								14.5		1970
4.3	4.3								14.5		1971
* 189	62.1								188	Acc/RV	1967
* 184	48.4								145		1968
* 187	49.9								192		1969
* 186	54.4								241		1970
* 177	55.4								159		1971
* 58.5	20.4								55.8	I.A./RV	1967
* 54.6	17.9								42.2		1968
* 54.3	18.8								85.0		1969
* 53.7	22.2								55.1		1970
* 51.6	19.5								37.6		1971
* 2.32	2.53								0	F.A./RV	1967
* 2.29	2.43								0		1968
* 2.94	3.52								0		1969
* 2.17	2.29								4.24		1970
* 1.58	1.88								4.18		1971
** 535	313								854	Acc/RV/RdM	1967
** 529	318								663		1968
** 533	314								879		1969
** 535	366								1100		1970
** 505	334								722		1971
** 168	110								254	I.A./RV/RdM	1967
** 158	101								193		1968
** 159	109								388		1969
** 160	146								250		1970
** 150	116								171		1971
** 6.31	8.33								0	F.A./RV/RdM	1967
** 7.74	14.6								0		1968
** 9.39	20.3								0		1969
** 6.20	8.58								19.3		1970
** 4.60	8.37								19.0		1971

* times 10^{-4} ** times 10^{-7}

Richmond

Residency: Warsaw

Miles of Secondary Roads, 1970: 202.22

District: Fredericksburg

Population, 1970: 6,504

State										Accidents	1967
μ	σ	-3σ	-2σ	$-\sigma$	μ	$+\sigma$	$+2\sigma$	$+3\sigma$			
186	398								31	Accidents	1967
210	475								58		1968
227	527								44		1969
237	590								35		1970
246	648								33		1971
81	133								11	Injuries	1967
86	161								26		1968
90	162								26		1969
90	162								19		1970
95	190								18		1971
2.4	3.5								0	Fatalities	1967
2.1	2.5								1		1968
2.9	3.4								1		1969
2.5	3.3								0		1970
2.0	3.4								0		1971
519	137								226	Acc/MVMT	1967
544	151								420		1968
543	146								295		1969
541	148								234		1970
516	143								199		1971
160	49								58	I.A./MVMT	1967
159	48								130		1968
158	47								101		1969
153	49								74		1970
148	48								78		1971
6.2	6.4								0	F.A./MVMT	1967
6.4	6.4								7.2		1968
8.1	7.8								6.7		1969
6.2	6.1								0		1970
4.3	4.3								0		1971
* 189	62.1								92.9	Acc/RV	1967
* 184	48.4								166		1968
* 187	49.9								124		1969
* 186	54.4								95.3		1970
* 177	55.4								82.3		1971
* 58.5	20.4								24.0	I.A./RV	1967
* 54.6	17.9								51.4		1968
* 54.3	18.8								42.3		1969
* 53.7	22.2								30.0		1970
* 51.6	19.5								32.4		1971
* 2.32	2.53								0	F.A./RV	1967
* 2.29	2.43								2.86		1968
* 2.94	3.52								2.82		1969
* 2.17	2.29								0		1970
* 1.58	1.88								0		1971
** 535	313								461	Acc/RV/RdM	1967
** 529	318								833		1968
** 533	314								614		1969
** 535	366								471		1970
** 505	334								406		1971
** 168	110								119	I.A./RV/RdM	1967
** 158	101								258		1968
** 159	109								209		1969
** 160	146								148		1970
** 150	116								160		1971
** 6.31	8.33								0	F.A./RV/RdM	1967
** 7.74	14.6								14.4		1968
** 9.39	20.3								14.0		1969
** 6.20	8.58								0		1970
** 4.60	8.37								0		1971

* times 10^{-4}
 ** times 10^{-7}

Residency: Salem

Miles of Secondary Roads, 1970: 483.84

District: Salem

Population, 1970: 67,339

State												
μ	σ	-3σ	-2σ	$-\sigma$	μ	$+\sigma$	$+2\sigma$	$+3\sigma$				
186	398								416	Accidents	1967	
210	475								535		1968	
227	527								496		1969	
237	590								462		1970	
246	648								497		1971	
81	133								171	Injuries	1967	
86	161								186		1968	
90	162								183		1969	
90	162								132		1970	
95	190								187		1971	
2.4	3.5								4	Fatalities	1967	
2.1	2.5								5		1968	
2.9	3.4								3		1969	
2.5	3.3								3		1970	
2.0	3.4								1		1971	
519	137								576	Acc/MVMT	1967	
544	151								656		1968	
543	146								601		1969	
541	148								635		1970	
516	143								671		1971	
160	49								155	I.A./MVMT	1967	
159	48								153		1968	
158	47								144		1969	
153	49								144		1970	
148	48								166		1971	
6.2	6.4								5.5	F.A./MVMT	1967	
6.4	6.4								4.9		1968	
8.1	7.8								3.6		1969	
6.2	6.1								4.1		1970	
4.3	4.3								1.4		1971	
* 189	62.1								119	Acc/RV	1967	
* 184	48.4								189		1968	
* 187	49.9								172		1969	
* 186	54.4								127		1970	
* 177	55.4								124		1971	
* 58.5	20.4								32.1	I.A./RV	1967	
* 54.6	17.9								44.1		1968	
* 54.3	18.8								41.2		1969	
* 53.7	22.2								29.0		1970	
* 51.6	19.5								30.6		1971	
* 2.32	2.53								1.15	F.A./RV	1967	
* 2.29	2.43								1.41		1968	
* 2.94	3.52								1.04		1969	
* 2.17	2.29								0.83		1970	
* 1.58	1.88								2.49		1971	
** 535	313								254	Acc/RV/RdM	1967	
** 529	318								405		1968	
** 533	314								366		1969	
** 535	366								263		1970	
** 505	334								256		1971	
** 168	110								68.3	I.A./RV/RdM	1967	
** 158	101								94.5		1968	
** 159	109								87.7		1969	
** 160	146								59.8		1970	
** 150	116								63.3		1971	
** 6.31	8.33								2.44	F.A./RV/RdM	1967	
** 7.74	14.6								3.03		1968	
** 9.39	20.3								2.21		1969	
** 6.20	8.58								1.71		1970	
** 4.60	8.37								0.52		1971	

* times 10^{-4} ** times 10^{-7}

Rockbridge

Residency: Lexington

Miles of Secondary Roads, 1970: 593.70

District: Staunton

Population, 1970: 16,637

State

	μ	σ	-3σ	-2σ	$-\sigma$	μ	$+\sigma$	$+2\sigma$	$+3\sigma$			
186	398									145	Accidents	1967
210	475									156		1968
227	527									182		1969
237	590									195		1970
246	648									165		1971
81	133									55	Injuries	1967
86	161									42		1968
90	162									55		1969
90	162									93		1970
95	190									43		1971
2.4	3.5									4	Fatalities	1967
2.1	2.5									1		1968
2.9	3.4									4		1969
2.5	3.3									3		1970
2.0	3.4									0		1971
519	137									570	Acc/MVMT	1967
544	151									613		1968
543	146									620		1969
541	148									665		1970
516	143									489		1971
160	49									134	I. A. /MVMT	1967
159	48									122		1968
158	47									126		1969
153	49									208		1970
148	48									95		1971
6.2	6.4									11.8	F. A. /MVMT	1967
6.4	6.4									3.9		1968
8.1	7.8									6.8		1969
6.2	6.1									10.2		1970
4.3	4.3									0		1971
* 189	62.1									191	Acc/RV	1967
* 184	48.4									182		1968
* 187	49.9									205		1969
* 186	54.4									227		1970
* 177	55.4									186		1971
* 58.5	20.4									44.8	I. A. /RV	1967
* 54.6	17.9									36.2		1968
* 54.3	18.8									41.7		1969
* 53.7	22.2									71.0		1970
* 51.6	19.5									36.1		1971
* 2.32	2.53									3.96	F. A. /RV	1967
* 2.29	2.43									1.17		1968
* 2.94	3.52									2.25		1969
* 2.17	2.29									3.49		1970
* 1.58	1.88									0		1971
** 535	313									322	Acc/RV/RdM	1967
** 529	318									308		1968
** 533	314									345		1969
** 535	366									382		1970
** 505	334									316		1971
** 168	110									75.5	I. A. /RV/RdM	1967
** 158	101									61.2		1968
** 159	109									70.2		1969
** 160	146									120		1970
** 150	116									61.2		1971
** 6.31	8.33									6.66	F. A. /RV/RdM	1967
** 7.74	14.6									1.98		1968
** 9.39	20.3									3.80		1969
** 6.20	8.58									5.88		1970
** 4.60	8.37									0		1971

* times 10^{-4} ** times 10^{-7}

2132

Rockingham

Residency: HarrisonburgMiles of Secondary Roads, 1970: 885.45District: StauntonPopulation, 1970: 47,890

State										
μ	σ	-3σ	-2σ	$-\sigma$	μ	$+\sigma$	$+2\sigma$	$+3\sigma$		
186	398							352	Accidents	1967
210	475							342		1968
227	527							387		1969
237	590							431		1970
246	648							444		1971
81	133							148	Injuries	1967
86	161							127		1968
90	162							144		1969
90	162							171		1970
95	190							190		1971
2.4	3.5							4	Fatalities	1967
2.1	2.5							4		1968
2.9	3.4							5		1969
2.5	3.3							4		1970
2.0	3.4							6		1971
519	137							532	Acc/MVMT	1967
544	151							481		1968
543	146							543		1969
541	148							526		1970
516	143							539		1971
160	49							139	I.A./MVMT	1967
159	48							134		1968
158	47							133		1969
153	49							143		1970
148	48							153		1971
6.2	6.4							6.0	F.A./MVMT	1967
6.4	6.4							5.6		1968
8.1	7.8							7.0		1969
6.2	6.1							4.9		1970
4.3	4.3							7.3		1971
* 189	62.1							404	Acc/RV	1967
* 184	48.4							148		1968
* 187	49.9							156		1969
* 186	54.4							164		1970
* 177	55.4							165		1971
* 58.5	20.4							106	I.A./RV	1967
* 54.6	17.9							41.0		1968
* 54.3	18.8							38.2		1969
* 53.7	22.2							44.5		1970
* 51.6	19.5							46.8		1971
* 2.32	2.53							4.59	F.A./RV	1967
* 2.29	2.43							1.73		1968
* 2.94	3.52							2.01		1969
* 2.17	2.29							1.52		1970
* 1.58	1.88							2.23		1971
** 535	313							455	Acc/RV/RdM	1967
** 529	318							167		1968
** 533	314							176		1969
** 535	366							185		1970
** 505	334							186		1971
** 168	110							119	I.A./RV/RdM	1967
** 158	101							46.4		1968
** 159	109							43.2		1969
** 160	146							50.3		1970
** 150	116							52.8		1971
** 6.31	8.33							5.18	F.A./RV/RdM	1967
** 7.74	14.6							1.95		1968
** 9.39	20.3							2.27		1969
** 6.20	8.58							1.72		1970
** 4.60	8.37							2.52		1971

* times 10^{-4} ** times 10^{-7}

Russell

Residency: Lebanon
 District: Bristol

Miles of Secondary Roads, 1970: 544.96
 Population, 1970: 24,533

State		μ	σ	-3σ	-2σ	$-\sigma$	μ	$+\sigma$	$+2\sigma$	$+3\sigma$		
186	398										133	Accidents
210	475										165	1967
227	527										143	1968
237	590										196	1969
246	648										213	1970
												1971
81	133										39	Injuries
86	161										35	1967
90	162										34	1968
90	162										74	1969
95	190										82	1970
												1971
2.4	3.5										1	Fatalities
2.1	2.5										0	1967
2.9	3.4										2	1968
2.5	3.3										0	1969
2.0	3.4										4	1970
												1971
519	137										582	Acc/MVMT
544	151										659	1967
543	146										569	1968
541	148										696	1969
516	143										753	1970
												1971
160	49										118	I.A./MVMT
159	48										100	1967
158	47										95	1968
153	49										203	1969
148	48										177	1970
												1971
6.2	6.4										4.4	F.A./MVMT
6.4	6.4										0	1967
8.1	7.8										8.0	1968
6.2	6.1										0	1969
4.3	4.3										10.6	1970
												1971
* 189	62.1										178	Acc/RV
* 184	48.4										194	1967
* 187	49.9										159	1968
* 186	54.4										201	1969
* 177	55.4										201	1970
												1971
* 58.5	20.4										36.1	I.A./RV
* 54.6	17.9										29.4	1967
* 54.3	18.8										26.7	1968
* 53.7	22.2										58.5	1969
* 51.6	19.5										47.3	1970
												1971
* 2.32	2.53										1.34	F.A./RV
* 2.29	2.43										0	1967
* 2.94	3.52										2.22	1968
* 2.17	2.29										0	1969
* 1.58	1.88										2.84	1970
												1971
** 535	313										327	Acc/RV/RdM
** 529	318										357	1967
** 533	314										292	1968
** 535	366										369	1969
** 505	334										369	1970
												1971
** 168	110										66.4	I.A./RV/RdM
** 158	101										54.0	1967
** 159	109										49.1	1968
** 160	146										107	1969
** 150	116										86.7	1970
												1971
** 6.31	8.33										2.46	F.A./RV/RdM
** 7.74	14.6										0	1967
** 9.39	20.3										4.09	1968
** 6.20	8.58										0	1969
** 4.60	8.37										5.20	1970
												1971

* times 10^{-4} ** times 10^{-7}

Residency: Jonesville
 District: Bristol

Miles of Secondary Roads, 1970: 657.87
 Population, 1970: 24,376

State									Accidents	1967
μ	σ	-3σ	-2σ	$-\sigma$	μ	$+\sigma$	$+2\sigma$	$+3\sigma$		
186	398								209	1967
210	475								215	1968
227	527								209	1969
237	590								203	1970
246	648								201	1971
81	133								91	Injuries
86	161								93	1967
90	162								63	1968
90	162								51	1969
95	190								55	1970
2.4	3.5								0	Fatalities
2.1	2.5								3	1967
2.9	3.4								2	1968
2.5	3.3								0	1969
2.0	3.4								1	1970
										1971
519	137								830	Acc/MVMT
544	151								759	1967
543	146								732	1968
541	148								633	1969
516	143								624	1970
										1971
160	49								242	I.A./MVMT
159	48								219	1967
158	47								151	1968
153	49								115	1969
148	48								134	1970
										1971
6.2	6.4								0	F.A./MVMT
6.4	6.4								7.1	1967
8.1	7.8								7.0	1968
6.2	6.1								0	1969
4.3	4.3								3.1	1970
										1971
* 189	62.1								266	Acc/RV
* 184	48.4								245	1967
* 187	49.9								229	1968
* 186	54.4								211	1969
* 177	55.4								203	1970
										1971
* 58.5	20.4								77.5	I.A./RV
* 54.6	17.9								70.8	1967
* 54.3	18.8								47.0	1968
* 53.7	22.2								38.4	1969
* 51.6	19.5								43.5	1970
										1971
* 2.32	2.53								0	F.A./RV
* 2.29	2.43								2.28	1967
* 2.94	3.52								2.19	1968
* 2.17	2.29								0	1969
* 1.58	1.88								1.01	1970
										1971
** 535	313								413	Acc/RV/RdM
** 529	318								383	1967
** 533	314								356	1968
** 535	366								320	1969
** 505	334								309	1970
										1971
** 168	110								120	I.A./RV/RdM
** 158	101								110	1967
** 159	109								73.3	1968
** 160	146								58.3	1969
** 150	116								66.1	1970
										1971
** 6.31	8.33								0	F.A./RV/RdM
** 7.74	14.6								3.56	1967
** 9.39	20.3								3.41	1968
** 6.20	8.58								0	1969
** 4.60	8.37								1.54	1970
										1971

* times 10^{-4} ** times 10^{-7}

ShenandoahResidency: EdinburgMiles of Secondary Roads, 1970: 627, 36District: StauntonPopulation, 1970: 22, 852

State										Accidents	1967
μ	σ	-3σ	-2σ	$-\sigma$	μ	$+\sigma$	$+2\sigma$	$+3\sigma$			
186	398								170	Accidents	1967
210	475								181		1968
227	527								243		1969
237	590								199		1970
246	648								219		1971
81	133								80	Injuries	1967
86	161								74		1968
90	162								103		1969
90	162								63		1970
95	190								79		1971
2.4	3.5								1	Fatalities	1967
2.1	2.5								0		1968
2.9	3.4								5		1969
2.5	3.3								1		1970
2.0	3.4								2		1971
519	137								583	Acc/MVMT	1967
544	151								620		1968
543	146								757		1969
541	148								619		1970
516	143								585		1971
160	49								165	I. A. / MVMT	1967
159	48								147		1968
158	47								209		1969
153	49								146		1970
148	48								136		1971
6.2	6.4								3.4	F. A. / MVMT	1967
6.4	6.4								0		1968
8.1	7.8								9.3		1969
6.2	6.1								3.1		1970
4.3	4.3								5.3		1971
* 189	62.1								156	Acc/RV	1967
* 184	48.4								153		1968
* 187	49.9								199		1969
* 186	54.4								156		1970
* 177	55.4								163		1971
* 58.5	20.4								44.1	I. A. / RV	1967
* 54.6	17.9								36.3		1968
* 54.3	18.8								54.8		1969
* 53.7	22.2								36.9		1970
* 51.6	19.5								37.9		1971
* 2.32	2.53								0.92	F. A. / RV	1967
* 2.29	2.43								0		1968
* 2.94	3.52								2.45		1969
* 2.17	2.29								0.78		1970
* 1.58	1.88								1.48		1971
** 535	313								249	Acc/RV/RdM	1967
** 529	318								246		1968
** 533	314								317		1969
** 535	366								249		1970
** 505	334								259		1971
** 168	110								70.4	I. A. / RV/RdM	1967
** 158	101								58.3		1968
** 159	109								87.3		1969
** 160	146								58.8		1970
** 150	116								60.3		1971
** 6.31	8.33								1.47	F. A. / RV/RdM	1967
** 7.74	14.6								0		1968
** 9.39	20.3								3.91		1969
** 6.20	8.58								1.25		1970
** 4.60	8.37								2.36		1971

* times 10^{-4} ** times 10^{-7}

2136

Smyth

Residency: Abingdon
 District: Bristol

Miles of Secondary Roads, 1970: 429.48
 Population, 1970: 31,349

State											
	μ	σ	-3σ	-2σ	$-\sigma$	μ	$+\sigma$	$+2\sigma$	$+3\sigma$		
186	398									182	Accidents
210	475									203	1967
227	527									217	1968
237	590									175	1969
246	648									184	1970
											1971
81	133									71	Injuries
86	161									99	1967
90	162									75	1968
90	162									53	1969
95	190									59	1970
											1971
2.4	3.5									1	Fatalities
2.1	2.5									0	1967
2.9	3.4									1	1968
2.5	3.3									0	1969
2.0	3.4									0	1970
											1971
519	137									732	Acc/MVMT
544	151									814	1967
543	146									786	1968
541	148									633	1969
516	143									629	1970
											1971
160	49									169	I. A. /MVMT
159	48									277	1967
158	47									199	1968
153	49									138	1969
148	48									154	1970
											1971
6.2	6.4									4	F. A. /MVMT
6.4	6.4									0	1967
8.1	7.8									3.6	1968
6.2	6.1									0	1969
4.3	4.3									0	1970
											1971
* 189	62.1									170	Acc/RV
* 184	48.4									172	1967
* 187	49.9									171	1968
* 186	54.4									132	1969
* 177	55.4									136	1970
											1971
* 58.5	20.4									39.1	I. A. /RV
* 54.6	17.9									58.4	1967
* 54.3	18.8									43.4	1968
* 53.7	22.2									28.7	1969
* 51.6	19.5									33.2	1970
											1971
* 2.32	2.53									0.93	F. A. /RV
* 2.29	2.43									0	1967
* 2.94	3.52									0.79	1968
* 2.17	2.29									0	1969
* 1.58	1.88									0	1970
											1971
** 535	313									397	Acc/RV/RdM
** 529	318									403	1967
** 533	314									398	1968
** 535	366									307	1969
** 505	334									316	1970
											1971
** 168	110									91.6	I. A. /RV/RdM
** 158	101									137	1967
** 159	109									101	1968
** 160	146									66.8	1969
** 150	116									77.2	1970
											1971
** 6.31	8.33									2.18	F. A. /RV/RdM
** 7.74	14.6									0	1967
** 9.39	20.3									1.84	1968
** 6.20	8.58									0	1969
** 4.60	8.37									0	1970
											1971

* times 10^{-4} ** times 10^{-7}

Southampton

Residency: Franklin
 District: Suffolk

Miles of Secondary Roads, 1970: 663.62
 Population, 1970: 18,582

State												
	μ	σ	-3σ	-2σ	$-\sigma$	μ	$+\sigma$	$+2\sigma$	$+3\sigma$			
186	398								140	Accidents	1967	
210	475								162		1968	
227	527								212		1969	
237	590								216		1970	
246	648								171		1971	
81	133								77	Injuries	1967	
86	161								96		1968	
90	162								105		1969	
90	162								122		1970	
95	190								55		1971	
2.4	3.5								5	Fatalities	1967	
2.1	2.5								1		1968	
2.9	3.4								6		1969	
2.5	3.3								12		1970	
2.0	3.4								2		1971	
519	137								335	Acc/MVMT	1967	
544	151								403		1968	
543	146								526		1969	
541	148								440		1970	
516	143								347		1971	
160	49								117	I. A. /MVMT	1967	
159	48								149		1968	
158	47								169		1969	
153	49								147		1970	
148	48								87		1971	
6.2	6.4								12.0	F. A. /MVMT	1967	
6.4	6.4								2.5		1968	
8.1	7.8								9.9		1969	
6.2	6.1								14.2		1970	
4.3	4.3								4.1		1971	
* 189	62.1								209	Acc/RV	1967	
* 184	48.4								231		1968	
* 187	49.9								290		1969	
* 186	54.4								284		1970	
* 177	55.4								219		1971	
* 58.5	20.4								73.1	I. A. /RV	1967	
* 54.6	17.9								85.5		1968	
* 54.3	18.8								92.9		1969	
* 53.7	22.2								94.6		1970	
* 51.6	19.5								55.2		1971	
* 2.32	2.53								7.46	F. A. /RV	1967	
* 2.29	2.43								1.43		1968	
* 2.94	3.52								5.47		1969	
* 2.17	2.29								9.20		1970	
* 1.58	1.88								2.57		1971	
** 535	313								316	Acc/RV/RdM	1967	
** 529	318								349		1968	
** 533	314								437		1969	
** 535	366								428		1970	
** 505	334								331		1971	
** 168	110								111	I. A. /RV/RdM	1967	
** 158	101								129		1968	
** 159	109								140		1969	
** 160	146								143		1970	
** 150	116								83.1		1971	
** 6.31	8.33								11.3	F. A. /RV/RdM	1967	
** 7.74	14.6								2.15		1968	
** 9.39	20.3								8.25		1969	
** 6.20	8.58								13.9		1970	
** 4.60	8.37								3.87		1971	

* times 10^{-4} ** times 10^{-7}

Spotsylvania

Residency: Fredericksburg

Miles of Secondary Roads, 1970: 380.82

District: Fredericksburg

Population, 1970: 16,424

State

μ	σ	-3σ	-2σ	$-\sigma$	μ	$+\sigma$	$+2\sigma$	$+3\sigma$			
186	398							136	Accidents	1967	
210	475							138		1968	
227	527							157		1969	
237	590							147		1970	
246	648							213		1971	
81	133							56	Injuries	1967	
86	161							83		1968	
90	162							75		1969	
90	162							61		1970	
95	190							104		1971	
2.4	3.5							3	Fatalities	1967	
2.1	2.5							3		1968	
2.9	3.4							3		1969	
2.5	3.3							4		1970	
2.0	3.4							4		1971	
519	137							494	Acc/MVMT	1967	
544	151							498		1968	
543	146							491		1969	
541	148							456		1970	
516	143							517		1971	
160	49							142	I. A./MVMT	1967	
159	48							198		1968	
158	47							153		1969	
153	49							121		1970	
148	48							150		1971	
6.2	6.4							7.3	F. A./MVMT	1967	
6.4	6.4							7.2		1968	
8.1	7.8							9.4		1969	
6.2	6.1							12.4		1970	
4.3	4.3							4.9		1971	
* 189	62.1							215	Acc/RV	1967	
* 184	48.4							218		1968	
* 187	49.9							242		1969	
* 186	54.4							204		1970	
* 177	55.4							260		1971	
* 58.5	20.4							61.6	I. A./RV	1967	
* 54.6	17.9							87.0		1968	
* 54.3	18.8							75.6		1969	
* 53.7	22.2							54.0		1970	
* 51.6	19.5							75.5		1971	
* 2.32	2.53							3.16	F. A./RV	1967	
* 2.29	2.43							3.16		1968	
* 2.94	3.52							4.63		1969	
* 2.17	2.29							5.54		1970	
* 1.58	1.88							2.44		1971	
** 535	313							567	Acc/RV/RdM	1967	
** 529	318							580		1968	
** 533	314							636		1969	
** 535	366							535		1970	
** 505	334							673		1971	
** 168	110							163	I. A./RV/RdM	1967	
** 158	101							231		1968	
** 159	109							199		1969	
** 160	146							142		1970	
** 150	116							196		1971	
** 6.31	8.33							8.34	F. A./RV/RdM	1967	
** 7.74	14.6							8.41		1968	
** 9.39	20.3							12.2		1969	
** 6.20	8.58							14.5		1970	
** 4.60	8.37							6.32		1971	

* times 10^{-4}

** times 10^{-7}

Stafford

Residency: Fredericksburg

Miles of Secondary Roads, 1970: 291.14

District: Fredericksburg

Population, 1970: 24,587

State

μ	σ	-3σ	-2σ	$-\sigma$	μ	$+\sigma$	$+2\sigma$	$+3\sigma$			
186	398								177	Accidents	1967
210	475								214		1968
227	527								223		1969
237	590								274		1970
246	648								274		1971
81	133								55	Injuries	1967
86	161								76		1968
90	162								81		1969
90	162								117		1970
95	190								113		1971
2.4	3.5								1	Fatalities	1967
2.1	2.5								0		1968
2.9	3.4								9		1969
2.5	3.3								1		1970
2.0	3.4								2		1971
519	137								525	Acc/MVMT	1967
544	151								632		1968
543	146								559		1969
541	148								680		1970
516	143								625		1971
160	49								133	I.A./MVMT	1967
159	48								162		1968
158	47								148		1969
153	49								196		1970
148	48								185		1971
6.2	6.4								3.0	F.A./MVMT	1967
6.4	6.4								0		1968
8.1	7.8								20.1		1969
6.2	6.1								2.5		1970
4.3	4.3								4.6		1971
* 189	62.1								226	Acc/RV	1967
* 184	48.4								256		1968
* 187	49.9								252		1969
* 186	54.4								285		1970
* 177	55.4								256		1971
* 58.5	20.4								57.4	I.A./RV	1967
* 54.6	17.9								65.7		1968
* 54.3	18.8								66.6		1969
* 53.7	22.2								82.1		1970
* 51.6	19.5								75.5		1971
* 2.32	2.53								1.28	F.A./RV	1967
* 2.29	2.43								0		1968
* 2.94	3.52								9.04		1969
* 2.17	2.29								1.04		1970
* 1.58	1.88								1.87		1971
** 535	313								778	Acc/RV/RdM	1967
** 529	318								886		1968
** 533	314								865		1969
** 535	366								978		1970
** 505	334								864		1971
** 168	110								198	I.A./RV/RdM	1967
** 158	101								228		1968
** 159	109								229		1969
** 160	146								282		1970
** 150	116								255		1971
** 6.31	8.33								4.39	F.A./RV/RdM	1967
** 7.74	14.6								0		1968
** 9.39	20.3								31.0		1969
** 6.20	8.58								3.57		1970
** 4.60	8.37								6.31		1971

* times 10^{-4} ** times 10^{-7}

Residency: Waverly
 District: Suffolk

Miles of Secondary Roads, 1970: 245.49
 Population, 1970: 5,882

State										
μ	σ	-3σ	-2σ	$-\sigma$	μ	$+\sigma$	$+2\sigma$	$+3\sigma$		
186	398							44	Accidents	1967
210	475							51		1968
227	527							48		1969
237	590							52		1970
246	648							62		1971
81	133							25	Injuries	1967
86	161							25		1968
90	162							30		1969
90	162							30		1970
95	190							42		1971
2.4	3.5							0	Fatalities	1967
2.1	2.5							0		1968
2.9	3.4							0		1969
2.5	3.3							0		1970
2.0	3.4							0		1971
519	137							464	Acc/MVMT	1967
544	151							401		1968
543	146							377		1969
541	148							315		1970
516	143							376		1971
160	49							232	I.A./MVMT	1967
159	48							157		1968
158	47							126		1969
153	49							139		1970
148	48							109		1971
6.2	6.4							0	F.A./MVMT	1967
6.4	6.4							0		1968
8.1	7.8							0		1969
6.2	6.1							0		1970
4.3	4.3							0		1971
* 189	62.1							203	Acc/RV	1967
* 184	48.4							211		1968
* 187	49.9							193		1969
* 186	54.4							202		1970
* 177	55.4							227		1971
* 58.5	20.4							101	I.A./RV	1967
* 54.6	17.9							82.9		1968
* 54.3	18.8							64.4		1969
* 53.7	22.2							89.1		1970
* 51.6	19.5							65.8		1971
* 2.32	2.53							0	F.A./RV	1967
* 2.29	2.43							0		1968
* 2.94	3.52							0		1969
* 2.17	2.29							0		1970
* 1.58	1.88							0		1971
** 535	313							831	Acc/RV/RdM	1967
** 529	318							863		1968
** 533	314							789		1969
** 535	366							821		1970
** 505	334							924		1971
** 168	110							416	I.A./RV/RdM	1967
** 158	101							338		1968
** 159	109							263		1969
** 160	146							363		1970
** 150	116							268		1971
** 6.31	8.33							0	F.A./RV/RdM	1967
** 7.74	14.6							0		1968
** 9.39	20.3							0		1969
** 6.20	8.58							0		1970
** 4.60	8.37							0		1971

* times 10^{-4}
 ** times 10^{-7}

Sussex

Residency: Waverly
 District: Suffolk

Miles of Secondary Roads, 1970: 441.73
 Population, 1970: 11,464

State

μ	σ	-3σ	-2σ	$-\sigma$	μ	$+\sigma$	$+2\sigma$	$+3\sigma$			
186	398								94	Accidents	1967
210	475								87		1968
227	527								81		1969
237	590								100		1970
246	648								100		1971
81	133								50	Injuries	1967
86	161								50		1968
90	162								27		1969
90	162								42		1970
95	190								39		1971
2.4	3.5								7	Fatalities	1967
2.1	2.5								1		1968
2.9	3.4								2		1969
2.5	3.3								3		1970
2.0	3.4								1		1971
519	137							535	Acc/MVMT	1967	
544	151							484		1968	
543	146							450		1969	
541	148							506		1970	
516	143							505		1971	
160	49							136	I. A. / MVMT	1967	
159	48							173		1968	
158	47							89		1969	
153	49							142		1970	
148	48							152		1971	
6.2	6.4							34.1	F. A. / MVMT	1967	
6.4	6.4							5.6		1968	
8.1	7.8							11.1		1969	
6.2	6.1							10.1		1970	
4.3	4.3							5.1		1971	
* 189	62.1							238	Acc/RV	1967	
* 184	48.4							195		1968	
* 187	49.9							175		1969	
* 186	54.4							211		1970	
* 177	55.4							200		1971	
* 58.5	20.4							60.7	I. A. / RV	1967	
* 54.6	17.9							69.5		1968	
* 54.3	18.8							34.6		1969	
* 53.7	22.2							59.1		1970	
* 51.6	19.5							60.0		1971	
* 2.32	2.53							15.2	F. A. / RV	1967	
* 2.29	2.43							2.24		1968	
* 2.94	3.52							4.33		1969	
* 2.17	2.29							4.22		1970	
* 1.58	1.88							2.00		1971	
** 535	313							539	Acc/RV/RdM	1967	
** 529	318							444		1968	
** 533	314							399		1969	
** 535	366							478		1970	
** 505	334							453		1971	
** 168	110							138	I. A. / RV/RdM	1967	
** 158	101							158		1968	
** 159	109							78.8		1969	
** 160	146							134		1970	
** 150	116							136		1971	
** 6.31	8.33							34.4	F. A. / RV/RdM	1967	
** 7.74	14.6							5.10		1968	
** 9.39	20.3							9.86		1969	
** 6.20	8.58							9.56		1970	
** 4.60	8.37							4.53		1971	

* times 10^{-4} ** times 10^{-7}

Tazewell

Residency: Tazewell
 District: Bristol

Miles of Secondary Roads, 1970: 445.43
 Population, 1970: 39,816

State										Accidents	1967
μ	σ	-3σ	-2σ	$-\sigma$	μ	$+\sigma$	$+2\sigma$	$+3\sigma$			
186	398								234	Accidents	1967
210	475								228		1968
227	527								222		1969
237	590								244		1970
246	648								255		1971
81	133								82	Injuries	1967
86	161								72		1968
90	162								80		1969
90	162								85		1970
95	190								105		1971
2.4	3.5								3	Fatalities	1967
2.1	2.5								1		1968
2.9	3.4								4		1969
2.5	3.3								2		1970
2.0	3.4								2		1971
519	137								670	Acc/MVMT	1967
544	151								649		1968
543	146								600		1969
541	148								660		1970
516	143								620		1971
160	49								138	I. A./MVMT	1967
159	48								142		1968
158	47								157		1969
153	49								143		1970
148	48								134		1971
6.2	6.4								8.6	F. A./MVMT	1967
6.4	6.4								2.8		1968
8.1	7.8								10.8		1969
6.2	6.1								5.4		1970
4.3	4.3								4.9		1971
* 189	62.1								161	Acc/RV	1967
* 184	48.4								136		1968
* 187	49.9								127		1969
* 186	54.4								133		1970
* 177	55.4								131		1971
* 58.5	20.4								33.1	I. A./RV	1967
* 54.6	17.9								29.9		1968
* 54.3	18.8								33.3		1969
* 53.7	22.2								28.9		1970
* 51.6	19.5								28.3		1971
* 2.32	2.53								2.07	F. A./RV	1967
* 2.29	2.43								0.60		1968
* 2.94	3.52								2.29		1969
* 2.17	2.29								1.09		1970
* 1.58	1.88								1.03		1971
** 535	313								364	Acc/RV/RdM	1967
** 529	318								308		1968
** 533	314								286		1969
** 535	366								299		1970
** 505	334								298		1971
** 168	110								74.6	I. A./RV/RdM	1967
** 158	101								67.6		1968
** 159	109								74.7		1969
** 160	146								65.0		1970
** 150	116								64.3		1971
** 6.31	8.33								4.66	F. A./RV/RdM	1967
** 7.74	14.6								1.35		1968
** 9.39	20.3								5.15		1969
** 6.20	8.58								2.45		1970
** 4.60	8.37								2.34		1971

* times 10^{-4} ** times 10^{-7}

Warren

Residency: Luray
 District: Staunton

Miles of Secondary Roads, 1970: 201.01
 Population, 1970: 15,301

State

μ	σ	-3σ	-2σ	$-\sigma$	μ	$+\sigma$	$+2\sigma$	$+3\sigma$			
186	398								65	Accidents	1967
210	475								72		1968
227	527								92		1969
237	590								81		1970
246	648								101		1971
81	133								32	Injuries	1967
86	161								26		1968
90	162								28		1969
90	162								24		1970
95	190								27		1971
2.4	3.5								0	Fatalities	1967
2.1	2.5								0		1968
2.9	3.4								1		1969
2.5	3.3								0		1970
2.0	3.4								0		1971
519	137								654	Acc/MVMT	1967
544	151								623		1968
543	146								795		1969
541	148								590		1970
516	143								736		1971
160	49								211	I.A./MVMT	1967
159	48								139		1968
158	47								173		1969
153	49								138		1970
148	48								153		1971
6.2	6.4								0	F.A./MVMT	1967
6.4	6.4								0		1968
8.1	7.8								8.6		1969
6.2	6.1								0		1970
4.3	4.3								0		1971
* 189	62.1								105	Acc/RV	1967
* 184	48.4								98.4		1968
* 187	49.9								118		1969
* 186	54.4								100		1970
* 177	55.4								115		1971
* 58.5	20.4								33.9	I.A./RV	1967
* 54.6	17.9								21.9		1968
* 54.3	18.8								25.7		1969
* 53.7	22.2								23.5		1970
* 51.6	19.5								24.0		1971
* 2.32	2.53								0	F.A./RV	1967
* 2.29	2.43								0		1968
* 2.94	3.52								1.29		1969
* 2.17	2.29								0		1970
* 1.58	1.88								0		1971
** 535	313								527	Acc/RV/RdM	1967
** 529	318								495		1968
** 533	314								595		1969
** 535	366								498		1970
** 505	334								575		1971
** 168	110								170	I.A./RV/RdM	1967
** 158	101								110		1968
** 159	109								129		1969
** 160	146								117		1970
** 150	116								119		1971
** 6.31	8.33								0	F.A./RV/RdM	1967
** 7.74	14.6								0		1968
** 9.39	20.3								6.47		1969
** 6.20	8.58								0		1970
** 4.60	8.37								0		1971

* times 10^{-4} ** times 10^{-7}

244

Washington

Residency: Abingdon
 District: Bristol

Miles of Secondary Roads, 1970: 720.27
 Population, 1970: 40,835

State											
	μ	σ	-3σ	-2σ	$-\sigma$	μ	$+\sigma$	$+2\sigma$	$+3\sigma$		
186	398								263	Accidents	1967
210	475								309		1968
227	527								322		1969
237	590								352		1970
246	648								324		1971
81	133								141	Injuries	1967
86	161								131		1968
90	162								146		1969
90	162								147		1970
95	190								136		1971
2.4	3.5								7	Fatalities	1967
2.1	2.5								6		1968
2.9	3.4								3		1969
2.5	3.3								0		1970
2.0	3.4								1		1971
519	137								500	Acc/MVMT	1967
544	151								586		1968
543	146								544		1969
541	148								588		1970
516	143								488		1971
160	49								156	I.A./MVMT	1967
159	48								159		1968
158	47								144		1969
153	49								160		1970
148	48								137		1971
6.2	6.4								7.6	F.A./MVMT	1967
6.4	6.4								11.4		1968
8.1	7.8								5.1		1969
6.2	6.1								0		1970
4.3	4.3								1.5		1971
* 189	62.1								176	Acc/RV	1967
* 184	48.4								187		1968
* 187	49.9								183		1969
* 186	54.4								189		1970
* 177	55.4								167		1971
* 58.5	20.4								54.8	I.A./RV	1967
* 54.6	17.9								50.7		1968
* 54.3	18.8								48.3		1969
* 53.7	22.2								51.5		1970
* 51.6	19.5								46.8		1971
* 2.32	2.53								2.68	F.A./RV	1967
* 2.29	2.43								3.62		1968
* 2.94	3.52								1.70		1969
* 2.17	2.29								0		1970
* 1.58	1.88								5.14		1971
** 535	313								245	Acc/RV/RdM	1967
** 529	318								261		1968
** 533	314								254		1969
** 535	366								262		1970
** 505	334								227		1971
** 168	110								76.2	I.A./RV/RdM	1967
** 158	101								71.0		1968
** 159	109								67.1		1969
** 160	146								71.5		1970
** 150	116								63.7		1971
** 6.31	8.33								3.72	F.A./RV/RdM	1967
** 7.74	14.6								5.07		1968
** 9.39	20.3								2.37		1969
** 6.20	8.58								0		1970
** 4.60	8.37								0.70		1971

* times 10^{-4} ** times 10^{-7}

Westmoreland

Residency: Warsaw
 District: Fredericksburg

Miles of Secondary Roads, 1970: 301.87
 Population, 1970: 12,142

State												
	μ	σ	-3σ	-2σ	$-\sigma$	μ	$+\sigma$	$+2\sigma$	$+3\sigma$			
186	398								77	Accidents	1967	
210	475								81		1968	
227	527								88		1969	
237	590								96		1970	
246	648								78		1971	
81	133								60	Injuries	1967	
86	161								35		1968	
90	162								34		1969	
90	162								42		1970	
95	190								32		1971	
2.4	3.5								1	Fatalities	1967	
2.1	2.5								0		1968	
2.9	3.4								1		1969	
2.5	3.3								2		1970	
2.0	3.4								0		1971	
519	137								359	Acc/MVMT	1967	
544	151								325		1968	
543	146								352		1969	
541	148								342		1970	
516	143								277		1971	
160	49								172	I.A./MVMT	1967	
159	48								113		1968	
158	47								116		1969	
153	49								78		1970	
148	48								103		1971	
6.2	6.4								4.7	F.A./MVMT	1967	
6.4	6.4								0		1968	
8.1	7.8								4.0		1969	
6.2	6.1								7.1		1970	
4.3	4.3								0		1971	
* 189	62.1								170	Acc/RV	1967	
* 184	48.4								159		1968	
* 187	49.9								164		1969	
* 186	54.4								166		1970	
* 177	55.4								128		1971	
* 58.5	20.4								81.8	I.A./RV	1967	
* 54.6	17.9								55.0		1968	
* 54.3	18.8								54.0		1969	
* 53.7	22.2								38.0		1970	
* 51.6	19.5								47.4		1971	
* 2.32	2.53								2.21	F.A./RV	1967	
* 2.29	2.43								0		1968	
* 2.94	3.52								1.86		1969	
* 2.17	2.29								3.45		1970	
* 1.58	1.88								0		1971	
** 535	313								569	Acc/RV/RdM	1967	
** 529	318								531		1968	
** 533	314								547		1969	
** 535	366								549		1970	
** 505	334								423		1971	
** 168	110								274	I.A./RV/RdM	1967	
** 158	101								184		1968	
** 159	109								180		1969	
** 160	146								126		1970	
** 150	116								157		1971	
** 6.31	8.33								7.39	F.A./RV/RdM	1967	
** 7.74	14.6								0		1968	
** 9.39	20.3								6.21		1969	
** 6.20	8.58								11.4		1970	
** 4.60	8.37								0		1971	

* times 10^{-4} ** times 10^{-7}

2146

Wise

Residency: Wise
 District: Bristol

Miles of Secondary Roads, 1970: 377.64Population, 1970: 35,947

State										
μ	σ	-3σ	-2σ	$-\sigma$	μ	$+\sigma$	$+2\sigma$	$+3\sigma$		
186	398							252	Accidents	1967
210	475							271		1968
227	527							316		1969
237	590							318		1970
246	648							338		1971
81	133							106	Injuries	1967
86	161							96		1968
90	162							99		1969
90	162							88		1970
95	190							107		1971
2.4	3.5							1	Fatalities	1967
2.1	2.5							4		1968
2.9	3.4							4		1969
2.5	3.3							3		1970
2.0	3.4							2		1971
519	137							626	Acc/MVMT	1967
544	151							589		1968
543	146							683		1969
541	148							605		1970
516	143							641		1971
160	49							174	I. A. /MVMT	1967
159	48							135		1968
158	47							149		1969
153	49							120		1970
148	48							142		1971
6.2	6.4							2.5	F. A. /MVMT	1967
6.4	6.4							8.7		1968
8.1	7.8							8.7		1969
6.2	6.1							5.7		1970
4.3	4.3							3.8		1971
* 189	62.1							199	Acc/RV	1967
* 184	48.4							200		1968
* 187	49.9							221		1969
* 186	54.4							212		1970
* 177	55.4							210		1971
* 58.5	20.4							55.4	I. A. /RV	1967
* 54.6	17.9							45.7		1968
* 54.3	18.8							48.4		1969
* 53.7	22.2							41.9		1970
* 51.6	19.5							46.7		1971
* 2.32	2.53							0.79	F. A. /RV	1967
* 2.29	2.43							2.95		1968
* 2.94	3.52							2.80		1969
* 2.17	2.29							2.00		1970
* 1.58	1.88							1.24		1971
** 535	313							536	Acc/RV/RdM	1967
** 529	318							532		1968
** 533	314							589		1969
** 535	366							560		1970
** 505	334							557		1971
** 168	110							149	I. A. /RV/RdM	1967
** 158	101							122		1968
** 159	109							129		1969
** 160	146							111		1970
** 150	116							124		1971
** 6.31	8.33							2.13	F. A. /RV/RdM	1967
** 7.74	14.6							7.85		1968
** 9.39	20.3							7.46		1969
** 6.20	8.58							5.29		1970
** 4.60	8.37							3.30		1971

* times 10^{-4} ** times 10^{-7}

Wythe

Residency: Wytheville

Miles of Secondary Roads, 1970: 451.70

District: Bristol

Population, 1970: 22,139

State

μ	σ	-3σ	-2σ	$-\sigma$	μ	$+\sigma$	$+2\sigma$	$+3\sigma$			
186	398								125	Accidents	1967
210	475								133		1968
227	527								171		1969
237	590								157		1970
246	648								157		1971
81	133								57	Injuries	1967
86	161								40		1968
90	162								40		1969
90	162								35		1970
95	190								40		1971
2.4	3.5								0	Fatalities	1967
2.1	2.5								2		1968
2.9	3.4								0		1969
2.5	3.3								1		1970
2.0	3.4								1		1971
519	137								666	Acc/MVMT	1967
544	151								707		1968
543	146								786		1969
541	148								721		1970
516	143								690		1971
160	49								192	I.A./MVMT	1967
159	48								165		1968
158	47								142		1969
153	49								115		1970
148	48								114		1971
6.2	6.4								0	F.A./MVMT	1967
6.4	6.4								5.3		1968
8.1	7.8								0		1969
6.2	6.1								4.6		1970
4.3	4.3								4.4		1971
* 189	62.1								184	Acc/RV	1967
* 184	48.4								143		1968
* 187	49.9								171		1969
* 186	54.4								152		1970
* 177	55.4								148		1971
* 58.5	20.4								52.9	I.A./RV	1967
* 54.6	17.9								33.3		1968
* 54.3	18.8								31.1		1969
* 53.7	22.2								24.2		1970
* 51.6	19.5								24.6		1971
* 2.32	2.53								0	F.A./RV	1967
* 2.29	2.43								1.07		1968
* 2.94	3.52								0		1969
* 2.17	2.29								0.97		1970
* 1.58	1.88								0.94		1971
** 535	313								407	Acc/RV/RdM	1967
** 529	318								317		1968
** 533	314								380		1969
** 535	366								336		1970
** 505	334								328		1971
** 168	110								117	I.A./RV/RdM	1967
** 158	101								74.0		1968
** 159	109								68.8		1969
** 160	146								53.6		1970
** 150	116								54.3		1971
** 6.31	8.33								0	F.A./RV/RdM	1967
** 7.74	14.6								2.39		1968
** 9.39	20.3								0		1969
** 6.20	8.58								2.14		1970
** 4.60	8.37								2.09		1971

* times 10^{-4} ** times 10^{-7}

York

Residency: Williamsburg

Miles of Secondary Roads, 1970: 153.63

District: Suffolk

Population, 1970: 33,203

State												
μ	σ	-3σ	-2σ	$-\sigma$	μ	$+\sigma$	$+2\sigma$	$+3\sigma$				
186	398								125	Accidents	1967	
210	475								124		1968	
227	527								164		1969	
237	590								166		1970	
246	648								148		1971	
81	133								60	Injuries	1967	
86	161								73		1968	
90	162								73		1969	
90	162								64		1970	
95	190								58		1971	
2.4	3.5								2	Fatalities	1967	
2.1	2.5								1		1968	
2.9	3.4								0		1969	
2.5	3.3								4		1970	
2.0	3.4								1		1971	
519	137								491	Acc/MVMT	1967	
544	151								479		1968	
543	146								558		1969	
541	148								552		1970	
516	143								420		1971	
160	49								185	I.A./MVMT	1967	
159	48								174		1968	
158	47								197		1969	
153	49								146		1970	
148	48								130		1971	
6.2	6.4								3.9	F.A./MVMT	1967	
6.4	6.4								3.9		1968	
8.1	7.8								0		1969	
6.2	6.1								13.3		1970	
4.3	4.3								2.8		1971	
* 189	62.1								123	Acc/RV	1967	
* 184	48.4								104		1968	
* 187	49.9								130		1969	
* 186	54.4								120		1970	
* 177	55.4								102		1971	
* 58.5	20.4								46.4	I.A./RV	1967	
* 54.6	17.9								37.7		1968	
* 54.3	18.8								46.1		1969	
* 53.7	22.2								31.9		1970	
* 51.6	19.5								31.8		1971	
* 2.32	2.53								0.99	F.A./RV	1967	
* 2.29	2.43								0.84		1968	
* 2.94	3.52								0		1969	
* 2.17	2.29								2.90		1970	
* 1.58	1.88								0.69		1971	
** 535	313								816	Acc/RV/RdM	1967	
** 529	318								694		1968	
** 533	314								849		1969	
** 535	366								784		1970	
** 505	334								638		1971	
** 168	110								307	I.A./RV/RdM	1967	
** 158	101								252		1968	
** 159	109								300		1969	
** 160	146								208		1970	
** 150	116								198		1971	
** 6.31	8.33								6.53	F.A./RV/RdM	1967	
** 7.74	14.6								5.60		1968	
** 9.39	20.3								0		1969	
** 6.20	8.58								18.9		1970	
** 4.60	8.37								4.31		1971	

* times 10^{-4} ** times 10^{-7}