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Report HSRI-335040-2

DEVELOPMENT OF HIGHWAY SAFETY PROGRAM AND PROJECT EVALUATION CRITERIA:
Accident Experience Characterization

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FINAL REPORT

Prepared for

MICHIGAN OFFICE OF HIGHWAY SAFETY PLANNING
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PREFACE

This is the second of two reports prepared by the Highway Safety Research Institute (HSRI) for the Michigan Office of Highway Safety Planning (OHSP) under the contract resulting from HSRI Proposal ORA-71-399-B1(R-1). That contract effort, composed of two relatively independent tasks, was operated during the period October 15, 1970 - November 15, 1971, under the general title, "Development of Highway Safety Program and Project Evaluation Criteria."

Report of Task 1 of that contract was submitted on February 15, 1971, under the title, "Summary of Effort to Collect Data for AHSWP Effectiveness and Output Criteria." The number of that interim report is HSRI-335040-1. As the title suggests, that report identified the location and nature of data within State of Michigan agencies suitable for use with the quantitative evaluation measures for program sub-elements of the OHSP Annual Highway Safety Work Program (AHSWP).

The present report concerns the findings of Task 2, which was concerned with developing procedures for collating quantitative data on accidents, drivers, vehicles and roads to form normalized, areal indices of the State's accident experience.

While responsibility for the report must rest with its authors, the research reported here could not have proceeded without the assistance and advice of Mr. Noel C. Bufe, Executive Director of OHSP, and his staff.

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1.0 INTRODUCTION

Two of the major functions in the iterative process of accident countermeasure planning are, on the one hand, identification of the manifold nature of the accident problem and, on the other, gauging the success of countermeasure efforts. The first function might be called "problem evaluation" and the second, "program evaluation." The project of which this report is a part was involved with the search for practical techniques that could be used by OHSP in both those types of evaluation.

Our work with program evaluation was done in the context of the initial preparation by OHSP of the Michigan Annual Highway Safety Work Program (AHSWP). The AHSWP, as mandated by the National Highway Traffic Safety Administration, provides a formalized structure for planning, programming and evaluating the state's highway safety efforts. The structure is composed of countermeasure program elements and sub-elements, with each of the program sub-elements having effectiveness and output criteria measures. In a previous contract with OHSP, we assisted OHSP in developing that program element and sub-element structure and in defining appropriate, quantitative, effectiveness and output measures for each of the program sub-elements.* As a follow-up to that "program evaluation" effort, the first

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*Conclusions from that effort are contained in the report by D. K. Damkot and W. T. Pollock, "Highway Safety Project Evaluation System", Final HSRI Report to OHSP on ORA-70-1251-B1, October 15, 1970.

task of the current contract addressed the problem of locating and collecting the data required to vitalize the sub-element criteria. In the course of that data search, an overriding consideration was the need for channels of information and data flow that could be used iteratively for annual updating of the AHSWP. In addition, emphasis was placed on the need for objective data, rather than subjective estimates.

With those data conditions established, the search reduced to combing the many data files of state agencies and private organizations. The results of that data search were provided in an earlier interim report.* While not all of the desired data were obtained, the original sub-element criteria were retained, in some instances without data, rather than revise individual criteria to use available, but less meaningful, data. Indeed, those missing data become goals of an extended, improved system of data banks and traffic information networks for the state.

The second major task of the present contract, and the principal subject of this report, was the beginning of a characterization of the State relative to its accident problems and highway safety needs. Development of any plan for attacking the highway accident problem, be it at a national, state, or local level, obviously requires the

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*Damkot, D. K., "Summary of Effort to Collect Data for AHSWP Effectivness and Output Criteria", Interim Report (HSRI-335040-1) to OHSP on ORA-71-399-B1(R1), February 15, 1971.

ability to designate where the "action" is. Thus, for Michigan, or any other state, it is important to determine those locations having the greatest need for financial and technical assistance to counteract a highway accident problem.

This effort dovetails in a sense with the AHSWP data to afford a systematic consideration of factors pertinent to planning and allocation of effort for a comprehensive highway safety program. The criteria measures for the AHSWP were designed to reflect, hopefully, the impact made by the varied 402 projects on specific highway safety problems. There is a great deal of question as to whether or not the relatively small projects can effect a large enough impact to be observable in changing statistics, but at least that is the basis for that effort at present. If this is effective, it will lend information useful in deciding which types of programs have the greatest potential benefit.

Concomitantly, a profile characterizing the State's accident experience is needed to determine where funds should be spent and projects established. Development of this tool entails a rather wide array of problems and choices. For example, how large should the areas and locations be which are to be considered? If one were interested only in determining where to place some new traffic signals one might narrow scope to intersections with the highest fatality rate. Obviously this is too specific when the dispersal of funds for 402 projects is the prime concern. Conversely, initial attempts to compare the fourteen State planning regions showed that this cut was too broad and that differences tended to become hidden in the aggregates.

These considerations and the fact that data become very difficult to obtain for smaller areas resulted in the choice of counties as our basic comparative unit. Many statistics and demographic data are kept on a county basis which are extremely difficult or impossible to shake loose for smaller units such as cities, villages and townships.

Another basic consideration involves the choice of appropriate criteria measures. What are the relevant yardsticks to use when measuring the accident problem and comparing counties? Gross measures such as number of accidents, injuries, or fatalities are frequently used to characterize accident experience. Of course, these criteria are greatly affected by population and density factors so it is expected that populous urban areas will have more accidents than sparsely settled counties in the upper peninsula. These criteria may be normalized by relating the measure to some moderator variable such as population. Thus, one might consider number of accidents per unit of population of a county in order to control for county size. The measures we selected and the underlying rationale are explained in Sections 2.0 and 3.0 of this report.

After the unit has been chosen and appropriate criteria measures have been selected, one must determine how much of a difference is of practical significance for planning and programming purposes. For instance, if county X had 62 traffic fatalities last year while similar-sized county Y had 65, one questions whether or not the difference is large enough to justify varied levels of countermeasure funding for the two counties. Obviously that decision would be influenced by other factors such as personnel availability and interest, ability to more specifically pinpoint the problem locally, other funding, etc.

A related concern is the significance of the trends established by the counties on the criteria measures. If data are available for a number of years, trendlines can be an important consideration for predicting probable future experience. Of course this kind of prediction is needed before one can hope to measure the success of some program in altering the expected accident experience.

This report reflects these and other concerns in the development of a systematic characterization of Michigan's highway safety posture. Section 2.0 reflects the diversity and extent of the data gathered and the data manipulations performed. Some of the data did not afford useful insights and were not incorporated into the characterization profiles. Other data were essentially redundant and were also not used.

Most of the data, however, was retained and has become an essential part of the final profiles. Discussion of the use and relevance of the data incorporated into the county profiles is found in Section 3.0. Finally, Section 4.0 contains a brief description of the computerization of these profiles and some comments on further refinement of the characterization system.

2.0 SOURCE SPECIFICATION, DATA INPUTS, AND INITIAL PROCESSING

Data relevant to a characterization of the highway safety experience are diverse and extensive. Innumerable environmental, vehicular, roadway and driver variables are involved in the broad spectrum of potential causative factors of accidents. While these and other variables are relevant to highway safety, many are unmeasured except for very selected sampling for research purposes. While research results may be pertinent for ongoing programming, more comprehensive data are needed for a profile of the State's experience. Thus, from this population of variables, those that are most reflective of accident experience, accessible on an iterative basis, and unbiased, are to be extracted and included in a systematized characterization of Michigan's highway safety posture.

Functioning under these needs and guidelines, we took a broad approach to this task and attempted to gather those data which appeared to be of potential utility. Some data, such as number of drivers per unit area and number of vehicles in cities, proved to be unavailable. Some "data" were simply subjective estimations; with some other numbers, even those who use them warned that the figures were quite "dirty" (e.g., estimated vehicle miles). Other data are available only on a special study basis, without the continuity of measurement necessary to reflect change as it occurs in the system. Thus, the data search was self-limiting to some extent.

The resultant collection of usable data is presented in this section along with their sources and the initial "massaging" of the numbers as meaningful profiles were sought.

2.1 GROSS DATA AND SOME PRELIMINARY MANIPULATION

Accident data available from the Michigan State Police accident file are the most obviously relevant information for the present effort. This file contains most of the raw data retrievable from accident forms compiled on all accidents throughout the State. Only Detroit still reports summary data rather than the individual accident forms, but that shall also soon change. As of January 1, 1972, all accidents will be encoded from each individual accident form. Hence, accident statistics included in this characterization are the most complete available in the State, and probably the most complete in the country.

Total accidents, personal injury accidents, fatal accidents, property damage accidents, number of injuries, and number of fatalities were extracted from the file. These data were obtained from "Accident Facts," a publication put out annually by the Michigan State Police, which is assembled from the data in the accident file. The accident file data can be obtained on a basis other than yearly so, for instance, quarterly printouts of this information will be available when needed.

Also found in "Accident Facts" is information about the number of vehicles registered each year in Michigan. In addition to total vehicles registered, there is a breakout by passenger, commercial, farm vehicle, trailer, trailer coach, motorcycle, and municipal vehicle categories. A problem with the individual categories is that the class definitions have changed slightly since 1966 so there is not a one-to-one correspondence in the categories across this time span. In 1966 only total registered vehicles were published, while from 1967 on, categories of vehicle types were included. In 1967 and 1968, the fuller categorization noted above was adopted. However, in 1969 the classes were again changed to passenger, commercial, trailer, motorcycle, and municipal. These categories have been retained to the present. Thus, total number of vehicles registered per county per year was selected as the most practically usable information on number of vehicles available at present.

It would be desirable to be able to determine number of any given class of vehicles involved in accidents per total number of that particular type of vehicle registered in a county. Again, this is a case in which the vehicle type coded in an accident report does not coincide with the classifications of vehicle registrations. For example, all vehicles registered in the municipal category have tax-exempt "X" plates whether they are passenger vehicles, dump trucks, or buses. If these are accident-involved, however, they will be coded by type. Consequently, it is not presently possible to cross-compare vehicle accidents and vehicles registered per county by type.

Miles of road were obtained from the Department of State Highway's annual reports. These data are also available on a county by county basis. While the data were being recorded, it became evident that there was very little change in the number of road miles in any given county from one year to the next. Comparison of years 1968 and 1969, for example, indicated that of 96,676.7 total miles, there was an addition of only 197 miles or .002% change. Consequently it was decided that it would be advantageous to use just one year of data for these profiles with updates required no more frequently than every five years.

We chose to utilize the data on number of road miles from 1968 and to include as much information as could be gleaned from that report. Therefore it was necessary to extract not only the mileage of county roads and rural trunkline data from the "County Road Commissions" section, but also the data available on state trunklines, city, and village local streets from the "Incorporated Cities and Villages" section. Four categories of data were recorded: (1) state and rural trunklines; (2) county and village primary, and cities and villages major streets data; (3) county and village secondary, including the county local and the cities and villages local data; and (4) total road miles for the county, which included the summed totals of the county and the listed cities within that county. For example, Alcona County had the following road mileage: (1) state trunkline information from cities and villages was 1.46 miles from Harrisville and Lincoln, the two cities listed in the "Incorporated Cities and Villages" section which are in Alcona County, plus the rural trunkline figure for this county, as recorded in the "County Road Commission" tables, of 79.75 miles, equalling a rounded-off total of 81.2 miles of state and rural trunkline miles; (2) county and village primary roads totaled 193.8 miles, which include 188.43 county primary road miles and 5.4 city and village major roads for the two cities; (3) county and village secondary road mileage was derived from 560.26 miles of county local roads and 6.01 miles of city and village local streets for the two listed cities, for a total of 566.3 miles; and (4) summing to give the total mileage recorded for Alcona County in 1968 as 841 miles.

Combining the data in this way from the county road commissions and the cities and villages reports yields the most complete portrayal of a given county's road system available. Again, these data were derived for each county from the 1968 annual report of the Department of State Highways.

Population figures for each county are also given in the Department of State Highways' annual report, but these are from the 1960 census in the most recent reports. The census bureau has published 1970 data now and these figures were obtained for this project. Again, 1970 data were recorded and it is expected that only infrequent updates of these figures need be made. Since accurate data are collected only at ten-year intervals, it may be desirable to use the same population figures for the next ten-year period. On the other hand, if accurate estimates can be found, perhaps five year updates could be made in those years when the county road miles are made current.

Data were also sought which might reflect the level of emergency medical service available, again on a county basis if possible. The Department of Public Health (DPH) is able to supply information on the number of licensed ambulances owned by a company and the county in which the ambulance company is headquartered. Unfortunately this can be somewhat misleading since vehicles actually used in one county may be owned by a company headquartered in another county and consequently listed in the county having the headquarters. The latest report, however, dated October 12, 1971, included information about which city each vehicle is stationed in if in the same county as the company headquarters and which county if different than the headquarters location. These ambulance licensing reports are updated and available approximately every six months.

Information on the number of licensed ambulance attendants is also available, but on a less regular basis. The latest report we have is dated September 30, 1970. This report lists the number of "temporary" and "regular" licensed attendants in each county. This list also suffers from noting attendants located in the county which headquarters a company rather than in the county where they are stationed.

It is apparent from these data that little informative value can be derived from them at present primarily due to their incompleteness. There are quite obviously many more ambulances and attendants involved in supplying emergency medical service to accident victims of our highway system than are listed in these reports. It would appear that the DPH does not yet have complete enough coverage to provide data reflecting the total picture. The DPH is gearing up to that level and will undoubtedly be exerting more complete control in the future. When that is a reality, the data will be more meaningful.

Other data which have obvious relevance to our characterization problem are figures for the number of miles traveled in Michigan annually. Frequently accident statistics are displayed as relative to the total vehicle miles traveled in a given unit for a given time period. For example, Michigan's "Accident Facts" annually displays traffic trends for such statistics as numbers of registered vehicles, deaths, accidents, and vehicle miles traveled. Similar data were sought for each county.

Estimated vehicle miles traveled in each county were found to be calculated at the planning division of the Department of State Highways. For these estimations dollar figures are obtained for gasoline tax collected from wholesale gasoline distributors throughout the State on a county by county basis. Calculations made on these figures involve estimating 195 miles driven per dollar of tax monies collected, which is based on a 13.6 mile per gallon consumption estimate and allowance of 3% for evaporation. Obviously there is a gross estimate with many uncontrolled variables which could drastically affect the accuracy of these figures. Southeast Michigan has a considerable amount of commuting and it is quite possible to buy gasoline in one county to take advantage of price differentials while using most of it in another county. Similarly, the State has quite a bit of tourism and many miles of freeways, making it likely that much gasoline purchased by travellers is combusted in another county or counties.

It should be noted that this problem is not unique to Michigan. Estimation of vehicle miles is no more accurate or reliable anywhere else at present. Indeed, the federal government is presently trying to improve on this problem through funding of "exposure" projects to more accurately assess time or miles spent in the system by the public.

These, then, are the data we initially collected. The next step, of course, was to determine how best to massage the numbers to reflect the accident problem. First cut was a comparison of the fourteen planning regions as used by the Michigan Office of Planning Coordination. Rank orderings of regions for the year 1968 were made for estimated vehicle miles, vehicle registrations, number of fatalities, and total accidents. These revealed a rather striking similarity in the orderings on each of the variables with little change of position between the demographic or the accident statistics. In other words, the more populous counties had more registered vehicles, more accidents, and more fatalities in general with much the same relative ranking for each of these variables.

Similarly, bivariate plots of accidents for the years 1966-1969 and fatalities versus 1966-1969 did not reveal any significant trends for the planning regions. Thus, the rather impressive drop in fatalities for Genesee County in 1970, to take just one example, was lost in the aggregation of these data with other counties of that region.

Small units such as townships and cities were found to be unacceptable analysis units because much of the demographic data were not available for areas smaller than counties. For example, number of registered vehicles is available on a county scale but are not obtainable for cities or townships.

Two things were evident from these initial manipulations: (1) normalization of the data is necessary to get a more accurate picture because of the great difference in population distribution throughout Michigan and (2) counties, rather than planning regions or smaller units, should be the unit basis of investigation for planning and programming.

2.2 NORMALIZING THE DATA

There appear to be at least three logical ways to normalize the accident statistics with the demographic data available. Estimated vehicle miles, although of dubious accuracy, is frequently used to normalize accident figures and is considered by many as the most relevant of the possible normalizers. In particular, the National Safety Council and the Michigan State Police both use these figures in their respective "Accident Facts" booklets.

Population information is another potential normalizing parameter which is reasonably available and, since we are concerned with relative size of counties, has high face validity. However, it also has a number of inherent problems which cannot be ignored. For instance, arguments can be made that population figures include too many non-driving persons and hence do not accurately reflect the exposed population in the driving system. It can also be argued that these data create an inaccurate picture of counties that are losing populace, such as some of those in the upper peninsula, because those emigrating are young persons who have recently graduated from high school and are going elsewhere for work or further education. A population low in these "high risk" cases may well have a different accident experience than a similar populace with many young drivers.

A less philosophical criticism of population figures used as normalizing data is simply their infrequency of collection. Accurate updates are available only on a ten-year basis. Consequently the possibility exists that population shifts or change may go undetected for some time.

Number of registered vehicles is a third possibility for a normalizing statistic applicable to the accident data. As noted previously, number of registered vehicles per county are available on an annual basis in the "Accident Facts" booklet as they are obtained by the Michigan State Police from the Department of State for reporting purposes. These data, unlike the census information, are available by actual count each year so are desirable from this standpoint. They also have potential for useful refinement in the future if accordance can be gained in registering vehicles by type and recording accident data by the same vehicle typology.

Incorporating each of these possible normalizing statistics, however, is redundant and undesirable. Tests on the correlations for population and registered vehicles in 1970, for population and estimated vehicle miles in 1969, and for estimated vehicle miles and registered vehicles for the years 1966 through 1969 revealed the lowest correlation coefficient obtained to be .93 for population and estimated vehicle miles in 1969. Thus, it is apparent that there is little uniqueness for any of these figures and that in fact any one of them could be used as a normalizing statistic, reflecting much the same profile as the others.

The choice then rests on availability and accuracy of the data. On this basis it was decided that number of registered vehicles would be the most desirable denominator for normalizing the accident data. This serves to reduce the influence of the county size (as measured by number of vehicles) in making county accident figure comparisons and also decreases the large variance existent in the gross data.

2.3 SECOND GENERATION NORMALIZATION

Normalization of the data can be carried a step further than suggested thus far. The normalization noted above 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. Inverted u-shaped functions relating accidents and fatalities to density might be expected with fatalities exhibiting a more compressed profile and more rapid drop-off at the higher density end. Thus, as traffic density increases, number of accidents and number of fatalities will also increase to some level after which these would decline as the system becomes increasingly saturated. For example, it might be expected that as the number of vehicles per mile of road increases, more accidents will occur simply because more possibilities exist for an accident, but at some level this will reverse so that increased traffic will decrease speed and opportunities to pass and consequently fewer accidents will occur. A similar effect on fatalities is expected, but the function is probably even more pronounced than for accidents.

In any case, it is very probable that differing traffic densities will be associated with some differences in the accident experience of a county or any other unit of comparison. Thus, it is desirable to utilize some density measure to normalize the accident statistics.

Originally it was hoped that something like actual count of number of vehicles per road section per year might be available as a density measure reflecting usage throughout Michigan. However, this kind of counting is a very large task and has not been done nor is it expected to be done in the near future. Another possibility might be the estimated vehicle miles per road mile per year for each county, but here again the questionable validity of the estimated vehicle miles makes this an undesirable choice.

On the other hand, number of registered vehicles per road mile for each county yields a usable density figure. Although this figure does not indicate the 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. Indeed, the fact that vehicles are mostly driven within ten miles of their home base supports this density concept also.

3.0 COUNTY COMPARISONS

In Section 2.0 three types of traffic data were identified as key elements in a characterization of the State's highway safety posture. In the first case, gross accident data cannot be overlooked simply because it is desirable to institute countermeasures in those locations which have a very large number of accidents, injuries, or fatalities. Secondly, accident statistics normalized by number of registered vehicles are an important consideration since there is such a wide range of county sizes in Michigan. As a result the gross statistics are so weighted to the larger counties that smaller counties are completely overshadowed. Thus, a traffic problem in a small county would never be noted if some standardizing control for size were not employed. Thirdly, second generation normalization is desirable in order to produce some uniform index of traffic density between the counties. It is evident that if two counties have an equal number of vehicles but one has four times more road miles, they will likely experience different accident rates, types, and severity.

With that identification, then, of important data elements, how can these be used to characterize Michigan's highway safety posture and how can they best be interpreted? As noted previously, the decision was made to build our systematic characterization on a county basis with the obvious goal of identifying "good" and "bad" counties. That identification is the problem, of course. Just how does one designate "good" and "bad" counties? Some absolute criteria would be desirable and in a sense we do have that. Everyone knows that any accident statistic above zero is "bad", at least philosophically. Quite obviously, however, system failure well above zero is an acceptable level when considering highway accidents.

Relative "goodness" is the real criterion. Both from a conceptual viewpoint and a realistic practitioner's point of observation it makes much more sense to think in terms of relative goodness and badness as a guide to better distribution of effort among all possible recipients. This was a developing feature as the characterization profiles took form.

3.1 PROFILES

It became increasingly evident that each county should be compared to some baseline of performance in order to judge its position on a theoretical "safeness" scale. Since it is virtually impossible to choose a typical county against which to compare the performance of other counties, the desirable technique is to statistically determine a representative conceptual county. The conceptualized county can then be viewed as "typical" and serves as a comparative yardstick against which others may be measured.

The mean, or average, was chosen as the comparative base derivable from the data. For each year of each variable, the mean and standard deviation of the 83-county distribution were calculated to create a baseline and variance around this baseline. Each county, then, can be placed somewhere on these distributions to indicate its relation to the other counties. This technique yields essentially a "profile" for each county relative to the mean for all of the counties in aggregate. The "profiles" are composed of a number of variables, as designated previously and as shown in Appendix I.

Included in each county's profile are population and total number of road miles. These are presented primarily to assist in comparing similar sized counties. As a result, if it were desired to compare, say, Washtenaw County with other counties of approximately the same population and/or number of road miles, it would be reasonably simple to locate these counties for comparative purposes. As can be seen in Appendix I, the rest of the charted data consists of gross accident statistics, data normalized by registered vehicles, and density normalized data, for each of the years 1966 through 1970.

The utility of this type of analysis and descriptive presentation bears some notation and explanation. As was just mentioned, individual county profiles make it reasonably simple to compare two or more specific counties on one or more data points of interest. Take, for example, Washtenaw County and Jackson County. While these counties are quite similar in both population and number of road miles, there are some rather striking differences in some of the accident statistics. Although Washtenaw County has slightly more accidents over the five year period, she exhibits a greater lead in the number of fatalities and injuries experienced. A rather similar relationship exists for accidents per registered vehicle, fatal accidents per registered vehicle and for the density, i.e., vehicles per road mile, normalized data. However, injury accidents per registered vehicle show a strikingly greater discrepancy between the two counties. This may serve as a flag or stimulus to consider possible reasons for the difference, search the accident data more specifically for these counties, and to develop effective countermeasures to apply to the differential factor. For instance, one may hypothesize that there are more injury accidents per registered vehicle in Washtenaw County because the pedestrian-vehicle ratio is higher and more pedestrians are being struck in the major towns, such as Ypsilanti and Ann Arbor, than there are in Jackson County. If a more detailed data search for these counties bears this hypothesis out, some reasonably specific countermeasures may be effective in Washtenaw County to control the problem.

More generally, this type of data display is also useful for broader looks at the relative experience of counties throughout the State. One might want to consider extending funds and aid only to those counties which are more than two standard deviations above the State mean for at least two of the three density normalized statistics. Obviously this would rule out both Washtenaw and Jackson as potential fund recipients, but other things being equal, this might be one strategy for placing the bucks where the need appears greatest. Numerous strategies of this type are possible utilizing these data profiles.

One other important bit of information is available in these profiles due to the presentation of data over a time span, namely, five years. Availability of data for even such a relatively short time period permits consideration of trendlines. This also can be reasonably informative for program planning and fund allocation. Rapidly rising trendlines should warn of some problem while a rapidly falling trendline might signal a success which should be identified, dissected, and applied elsewhere.

Again, these data are plotted against the mean line for all the counties. Therefore, a rising trendline denotes not only an increase, but an increase that is either greater than the State average or perhaps even counter to the baseline if the mean is falling. Relative change over the five-year period, then, is a reasonably powerful indicator of where one might predict a given county is going.

3.2 KEYS

Some keys to the county profiles are shown in Appendices II and III. These were prepared to assist in the interpretation of the profiles and to more easily locate specific counties of interest.

It may be noted that two basic types of keys have been prepared. Appendix II contains those keys designed to show the counties which are one, two, or three standard deviations above or below the State average for every year of each variable.

Appendix III contains keys which utilize some trendline information. These were developed by calculating, for each county, the average of a given variable for years 1966, 1967, and 1968 and the average for years 1968, 1969, and 1970. Then, if the second average is greater than the first, an increasing trend is evident while if the first figure is greater, a decreasing trend exists. Also these keys indicate if the county was above, below, or crossing the baseline.

Both of these keys can be useful in interpreting the profiles and in pinpointing those counties of particular interest. For example, enquiry into counties that have been consistently above the state average but are beginning to show a declining trendline would find that Oakland County fits those criteria. Wayne County also has some of those characteristics, but the trendline keys indicate increasing numbers of injuries and fatalities.

Similarly, the trendline keys indicate that Van Buren and Wexford counties are exhibiting ascending trendlines which cross the baseline for some of the normalized data.

In other words, they are moving from the black side of the ledger to the red relative to the State Mean in their accident experience. Inspection of these counties' profiles, then, reveals that Van Buren County is a good deal larger, has higher gross accident figures, somewhat lower statistics normalized by registered vehicles and more stable density normalized characteristics than Wexford County. Based on this information one might be more apt to seek ways to assist Wexford rather than Van Buren if funds are limited and other considerations are equal. Again, a more specific data search may indicate unique problems for which countermeasures could be designed.

The unstable characteristics of the density normalized data for Wexford County reveal one of a number of characteristics of the profiles and keys that bear some notations. Wexford, like the other small counties, has extremely small numbers of accidents, fatalities, injuries, and registered vehicles, and as a result the normalized data may exhibit wide fluctuations, compared to other counties, when there has been rather small changes in the accident statistics. Looking again at Wexford as an example, it can be seen that they experienced 21 fatalities in 1969 compared to 6 and 9 in 1968 and 1970 respectively. Although 21 fatalities is quite small relative to statewide experience, this was a significant change for the county and is apparent in the normalized data profiles.

Another consideration when viewing these profiles is the fact that the large counties in Michigan are so overwhelming in their effect that most of the counties fall below the baseline average in their gross data characteristics. This is quite evident in the trendline key for accidents. It is recommended that when major concern is for counties which fall above or below the mean that primary consideration be given to the profiles normalized by vehicles registered and density. Conversely, when major interest is on trendline evidence, it is recommended that one note gross data characteristics rather than the normalized profiles in deference to the aforementioned large fluctuations apparent in the smaller counties.

Finally, it should be pointed out that a very broad criterion was used to determine if a trendline for any profile was rising or falling. As noted before, the 1966-1968 average was compared with the 1968-1970 average for each five year data group to determine if trend was up or down. Consequently, only if the 1966-68 mean was exactly the same as the 1968-1970 mean (rounded to the number of significant digits used in presenting the data) was a trend of "steady" recorded. This, of course, is quite rare and in fact a number of very minute changes were recorded as "ascending" or "descending" when a slightly broader criterion would yield no change. Also, it is quite evident from the profiles that a significant decrement in 1970 for some data may well have not appeared in the profiles as a "descending" trendline because 1968 and 1969 were on the rise relative to the earlier years. This decrement, of course, may disappear or take on more weight as future years confirm or refute a descending trend or as the characterization system initiated here undergoes some refinement.

4.0 SOME CONCLUDING COMMENTS

Computerization of this systematic characterization has been initiated with the Data Processing Division of the Michigan State Police (MSP) utilizing their Burroughs 5500 facilities. The processing of the data into the machine has been accomplished and a program has been written to make the appropriate calculations and analyses. Initial printouts of that effort were recently received and some minor changes are being made in the program to coincide the output with the displays we have devised.

A principal advantage of computerization of these data calculations is the speed with which a number of analyses can be made. We were unable in the contract time available to partial out the urban and the rural counties, for example, although it is felt that this could be most enlightening. As was noted previously, the large counties are overpowering in their effect and it is probably true that analyzing the urbanized counties separately would reflect Michigan's experience even more accurately. To this end, the Data Processing personnel are programming to analyze the data needed on a statewide basis and with the rural counties and the urban counties separated. Urban counties will be those listed as Standard Metropolitan Statistical Areas (SMSA) by the U. S. Census Bureau after the 1970 census.

Use of the computer in the MSP agency assures that more frequent updates can be made on these data and the profiles if necessary. Inasmuch as the MSP have the needed accident data available in the Traffic and Safety Division on a monthly basis and the program for this characterization is equally as available in the Data Processing section, it is recommended that the data be processed on a quarterly basis for all counties statewide. The quarterly data should be printed out and computerized maps should also be drawn for each variable utilizing the SYMMAP program available on the 5500. This SYMMAP program can print a map of Michigan with each county shaded to indicate the number of standard deviations it is above or below the State mean for any variable chosen. Thus, this coincides well with the characterization system and affords a very handy and meaningful "look" at the State on a quarterly basis.

Annually, then, the statewide analysis will be used to update the characterization profiles and keys presented in the appendices. Continuing trendlines can be maintained using the annual analysis. Also, it is expected that the partialing out of the urban and rural counties should be done with this annual data run if not on a quarterly basis.

Finally, it may be noted that this systematic characterization is not a mysterious model to designate how many dollars should go to which areas for what project. No such magic formula exists. Rather, this is a tool which, it is hoped, will be useful in making the decisions necessary for good planning, programming, and management.

ERRATUM

An error has been found in the population column of the county profiles of Appendix I which, although not affecting the information in the accident data shown in the profiles, should be noted. The State μ and State σ for the population parameters are incorrect as shown in the graphs. The correct State μ is 107,287 and the correct State σ is 332,015. The population data given for the counties are correct, except Kalamazoo county which should be 199,287. Thus, although the population of a given county is unchanged, the bar graphs showing its population relative to population of the average county will change radically. Given below are the corrected standard deviation values for each county population relative to the correct State μ and State σ.

Alcona	-.30	Dickinson	-.25	Keweenaw	-.32	Oakland	+2.39
Alger	-.30	Eaton	-.12	Lake	-.31	Oceana	-.27
Allegan	-.13	Emmet	-.27	Lapeer	-.17	Ogemaw	-.29
Alpena	-.23	Genesee	+1.00	Leelanau	-.29	Ontonagon	-.29
Antrim	-.29	Gladwin	-.28	Lenawee	-.08	Osceola	-.28
Arenac	-.29	Gogebic	-.26	Livingston	-.15	Oscoda	-.31
Baraga	-.30	Grand Traverse	-.21	Luce	-.30	Otsego	-.29
Barry	-.21			Mackinac	-.30	Ottawa	+.06
Bay	+.03	Gratiot	-.21	Macomb	+1.55	Presque Isle	-.29
Benzie	-.30	Hillsdale	-.21	Manistee	-.26		
Berrien	+.16	Houghton	-.22	Marquette	-.13	Roscommon	-.30
Branch	-.21	Huron	-.22	Mason	-.26	Saginaw	+.33
Calhoun	+.10	Ingham	+.45	Mecosta	-.24	Sanilac	-.22
Cass	-.19	Ionia	-.19	Menominee	-.25	Schoolcraft	-.30
Charlevoix	-.30	Iosco	-.25	Midland	-.13	Shiawassee	-.14
Cheboygan	-.27	Iron	-.28	Missaukee	-.30	St. Clair	+.03
Chippewa	-.23	Isabella	-.19	Monroe	+.03	St. Joseph	-.18
Clare	-.28	Jackson	+.11	Montcalm	-.21	Tuscola	-.18
Clinton	-.18	Kalamazoo	+.28	Montmorency	-.31	Van Buren	-.16
Crawford	-.30	Kalkaska	-.31	Muskegon	+.15	Washtenaw	+.37
Delta	-.22	Kent	+.91	Newaygo	-.24	Wayne	+7.81
						Wexford	-.27

Again, this correction does not alter the specific county population data nor will it change the interpretation of any of the other statistics shown.

APPENDIX I

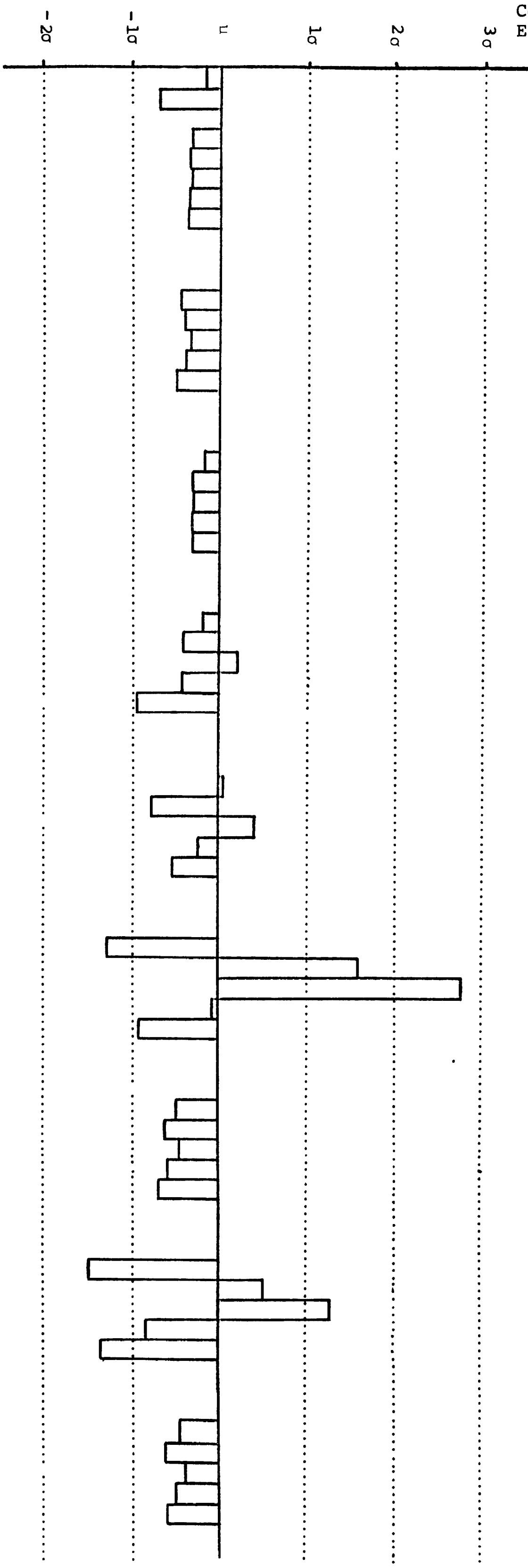
COUNTY PROFILES

This appendix contains the profiles for each of Michigan's eighty-three counties. They can best be read by searching for the county or counties of interest with the pages in this attitude, then turning the graph 90^{o} clockwise and reading each chart as a bar graph. Note that the heavy baseline for the charts is the State mean and the bars are drawn relative to it. Thus, it is easy to compare any county to the State average.

Arranged across the top of the graph (i.e., toward the binding) is a list of the variables and years. Directly beneath this are the data for each variable-year combination for the particular county represented by the graph. The graph itself shows the State mean and the standard deviations. Along the bottom of each chart are the data for State μ (i.e., the average value for all 83 counties) and State σ (the variability of the counties around the State average). Thus, for each county a bar above the "mean" line indicates the county has a greater accident experience than the State average while a bar below this "mean" line indicates an experience "better" than the State average.

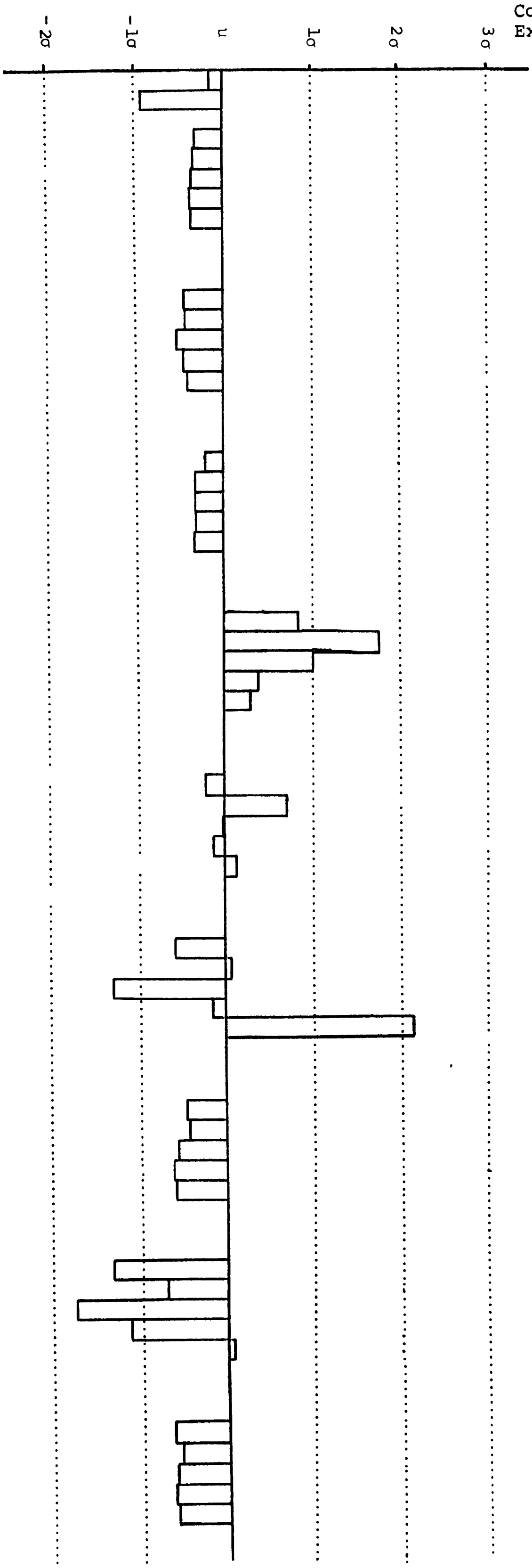
Alcona County, for example, exhibits accident experience which is below or better than the State mean for nearly every year and each criteria. In only a couple of instances is it worse than the State average.

This brings up two warnings to bear in mind when interpreting these graphs. The large counties in Michigan so overpower the accident, injury accident, and fatal accident data that for these measures the vast majority of counties fall below the average. When considering the normalized data (i.e., those measures divided by registered vehicles or registered vehicles per road mile) the small counties exhibit large fluctuations with each small change in the accident data because they have few vehicles. Thus, interpretation must be made with care.



State μ	State σ	County Experience		
399730	2940627	6943	Population	1970
1364.7	813.8	841	Road Miles	1968
3649	13064	209	Accidents	1966
3602	12490	201	Accidents	1967
3680	13067	266	Accidents	1968
3990	13689	261	Accidents	1969
3780	11939	266	Accidents	1970
			Accidents	1971
			Accidents	1972
27.7	57.3	1	Fatalities	1966
25.6	51.3	6	Fatalities	1967
28.8	55.6	12	Fatalities	1968
30.0	60.9	7	Fatalities	1969
26.2	51.5	3	Fatalities	1970
			Fatalities	1971
			Fatalities	1972
1188	6487	119	Injuries	1966
1823	6232	90	Injuries	1967
1933	6796	164	Injuries	1968
2113	7563	125	Injuries	1969
1948	6671	127	Injuries	1970
			Injuries	1971
			Injuries	1972
53.6	21.0	49.4	Acc/R.V.	1966
51.6	13.2	46.6	Acc/R.V.	1967
53.4	12.7	56.8	Acc/R.V.	1968
* 54.6	14.0	49.9	Acc/R.V.	1969
53.9	11.5	44.2	Acc/R.V.	1970
			Acc/R.V.	1971
			Acc/R.V.	1972
16.1	4.5	16.8	I.A./R.V.	1966
15.5	4.0	12.5	I.A./R.V.	1967
16.5	3.9	18.2	I.A./R.V.	1968
* 16.4	4.6	15.4	I.A./R.V.	1969
15.8	3.7	14.0	I.A./R.V.	1970
			I.A./R.V.	1971
			I.A./R.V.	1972
.570	.267	.236	F.A./R.V.	1966
.620	.332	1.159	F.A./R.V.	1967
.602	.318	1.495	F.A./R.V.	1968
* .612	.320	.572	F.A./R.V.	1969
.554	.282	.332	F.A./R.V.	1970
			F.A./R.V.	1971
			F.A./R.V.	1972
75.2	68.2	41.5	Acc/RV/RdM	1966
74.1	64.8	39.1	Acc/RV/RdM	1967
75.5	64.6	47.7	Acc/RV/RdM	1968
77.4	67.0	41.9	Acc/RV/RdM	1969
74.3	55.8	37.1	Acc/RV/RdM	1970
			Acc/RV/RdM	1971
			Acc/RV/RdM	1972
.778	.399	.198	FA/RV/RdM	1966
.757	.379	.975	FA/RV/RdM	1967
.760	.376	1.257	FA/RV/RdM	1968
.785	.426	.482	FA/RV/RdM	1969
.684	.321	.279	FA/RV/RdM	1970
			FA/RV/RdM	1971
			FA/RV/RdM	1972
23.4	22.1	14.1	IA/RV/RdM	1966
22.7	21.9	10.5	IA/RV/RdM	1967
23.7	21.5	15.3	IA/RV/RdM	1968
23.8	22.7	13.0	IA/RV/RdM	1969
22.4	19.6	11.8	IA/RV/RdM	1970
			IA/RV/RdM	1971
			IA/RV/RdM	1972

*figures represent actual value times 10^3



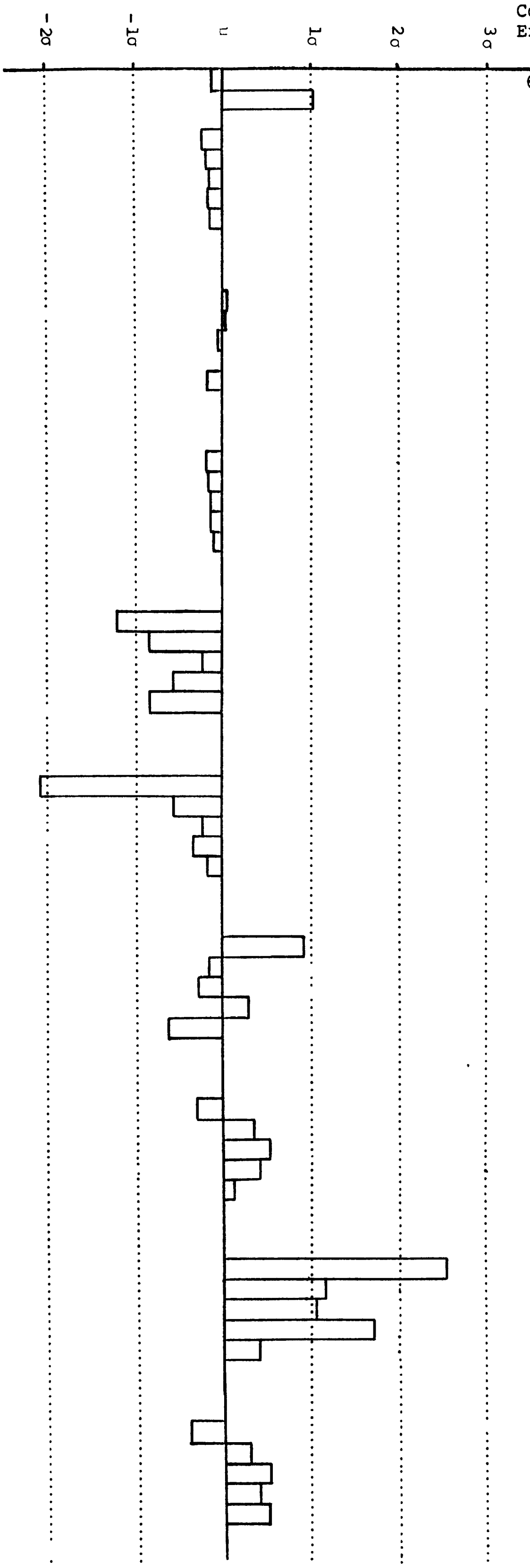
State μ	State σ	County Experience		
399730	2940627	8370	Population	1970
1364.7	813.8	609	Road Miles	1968
3649	13064	346	Accidents	1966
3602	12490	356	Accidents	1967
3680	13067	334	Accidents	1968
3990	13689	305	Accidents	1969
3780	11939	357	Accidents	1970
			Accidents	1971
			Accidents	1972
27.7	57.3	2	Fatalities	1966
25.6	51.3	4	Fatalities	1967
28.8	55.6	1	Fatalities	1968
30.0	60.9	3	Fatalities	1969
26.2	51.5	7	Fatalities	1970
			Fatalities	1971
			Fatalities	1972
1188	6487	80	Injuries	1966
1823	6232	143	Injuries	1967
1933	6796	123	Injuries	1968
2113	7563	139	Injuries	1969
1948	6671	135	Injuries	1970
			Injuries	1971
			Injuries	1972
53.6*	21.0	73.0	Acc/R.V.	1966
51.6*	13.2	76.5	Acc/R.V.	1967
53.4*	12.7	67.5	Acc/R.V.	1968
54.6*	14.0	60.1	Acc/R.V.	1969
53.9*	11.5	69.6	Acc/R.V.	1970
			Acc/R.V.	1971
			Acc/R.V.	1972
16.1*	4.5	15.2	I.A./R.V.	1966
15.5*	4.0	18.5	I.A./R.V.	1967
16.5*	3.9	16.4	I.A./R.V.	1968
16.4*	4.6	16.0	I.A./R.V.	1969
15.8*	3.7	16.4	I.A./R.V.	1970
			I.A./R.V.	1971
			I.A./R.V.	1972
.570*	.267	.422	F.A./R.V.	1966
.620*	.332	.644	F.A./R.V.	1967
.602*	.318	.202	F.A./R.V.	1968
.612*	.320	.591	F.A./R.V.	1969
.554*	.282	1.169	F.A./R.V.	1970
			F.A./R.V.	1971
			F.A./R.V.	1972
75.2	68.2	44.5	Acc/RV/RdM	1966
74.1	64.8	46.5	Acc/RV/RdM	1967
75.5	64.6	41.1	Acc/RV/RdM	1968
77.4	67.0	36.6	Acc/RV/RdM	1969
74.3	55.8	42.3	Acc/RV/RdM	1970
			Acc/RV/RdM	1971
			Acc/RV/RdM	1972
.778	.399	.257	FA/RV/RdM	1966
.757	.379	.392	FA/RV/RdM	1967
.760	.376	.123	FA/RV/RdM	1968
.785	.426	.360	FA/RV/RdM	1969
.684	.321	.712	FA/RV/RdM	1970
			FA/RV/RdM	1971
			FA/RV/RdM	1972
23.4	22.1	9.3	IA/RV/RdM	1966
22.7	21.9	11.3	IA/RV/RdM	1967
23.7	21.5	10.0	IA/RV/RdM	1968
23.8	22.7	9.7	IA/RV/RdM	1969
22.4	19.6	10.0	IA/RV/RdM	1970
			IA/RV/RdM	1971
			IA/RV/RdM	1972

*figures represent actual value times 10^3

ALGER

ALLEGAN

State μ	State σ	County Experience		
399730	2940627	65781	Population	1970
1364.7	813.8	2197	Road Miles	1968
3649	13064	868	Accidents	1966
3602	12490	1452	Accidents	1967
3680	13067	1945	Accidents	1968
3990	13689	1918	Accidents	1969
3780	11939	1945	Accidents	1970
			Accidents	1971
			Accidents	1972
27.7	57.3	30	Fatalities	1966
25.6	51.3	26	Fatalities	1967
28.8	55.6	26	Fatalities	1968
30.0	60.9	30	Fatalities	1969
26.2	51.5	18	Fatalities	1970
			Fatalities	1971
			Fatalities	1972
1188	6487	406	Injuries	1966
1823	6232	800	Injuries	1967
1933	6796	1003	Injuries	1968
2113	7563	1033	Injuries	1969
1948	6671	1042	Injuries	1970
			Injuries	1971
			Injuries	1972
*53.6	21.0	26.1	Acc/R.V.	1966
*51.6	13.2	40.1	Acc/R.V.	1967
*53.4	12.7	50.7	Acc/R.V.	1968
*54.6	14.0	47.5	Acc/R.V.	1969
*53.9	11.5	46.0	Acc/R.V.	1970
			Acc/R.V.	1971
			Acc/R.V.	1972
*16.1	4.5	6.9	I.A./R.V.	1966
*15.5	4.0	13.2	I.A./R.V.	1967
*16.5	3.9	15.6	I.A./R.V.	1968
*16.4	4.6	15.0	I.A./R.V.	1969
*15.8	3.7	15.0	I.A./R.V.	1970
			I.A./R.V.	1971
			I.A./R.V.	1972
*.570	.267	.810	F.A./R.V.	1966
*.620	.332	.552	F.A./R.V.	1967
*.602	.318	.521	F.A./R.V.	1968
*.612	.320	.694	F.A./R.V.	1969
*.554	.282	.378	F.A./R.V.	1970
			F.A./R.V.	1971
			F.A./R.V.	1972
75.2	68.2	57.3	Acc/RV/RdM	1966
74.1	64.8	95.7	Acc/RV/RdM	1967
75.5	64.6	111.4	Acc/RV/RdM	1968
77.4	67.0	104.4	Acc/RV/RdM	1969
74.3	55.8	101.1	Acc/RV/RdM	1970
			Acc/RV/RdM	1971
			Acc/RV/RdM	1972
.778	.399	1.780	FA/RV/RdM	1966
.757	.379	1.213	FA/RV/RdM	1967
.760	.376	1.145	FA/RV/RdM	1968
.785	.426	1.525	FA/RV/RdM	1969
.684	.321	.830	FA/RV/RdM	1970
			FA/RV/RdM	1971
			FA/RV/RdM	1972
23.4	22.1	15.2	IA/RV/RdM	1966
22.7	21.9	29.0	IA/RV/RdM	1967
23.7	21.5	34.3	IA/RV/RdM	1968
23.8	22.7	33.0	IA/RV/RdM	1969
22.4	19.6	33.0	IA/RV/RdM	1970
			IA/RV/RdM	1971
			IA/RV/RdM	1972



*figures represent actual value times 10^3

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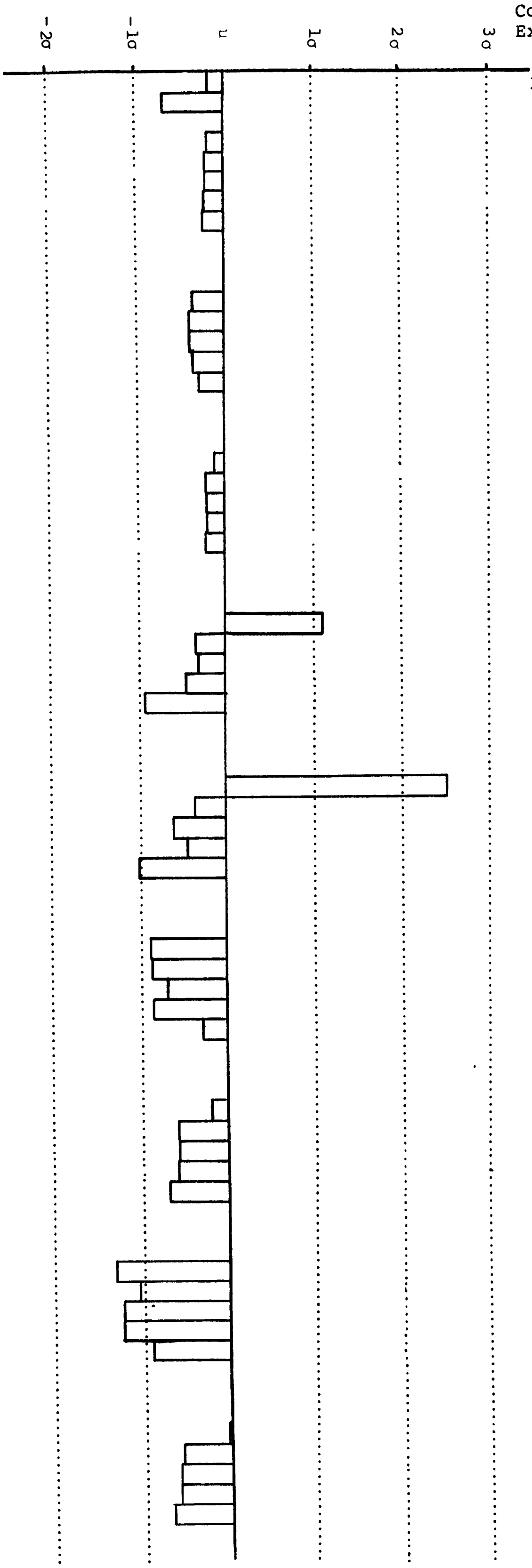
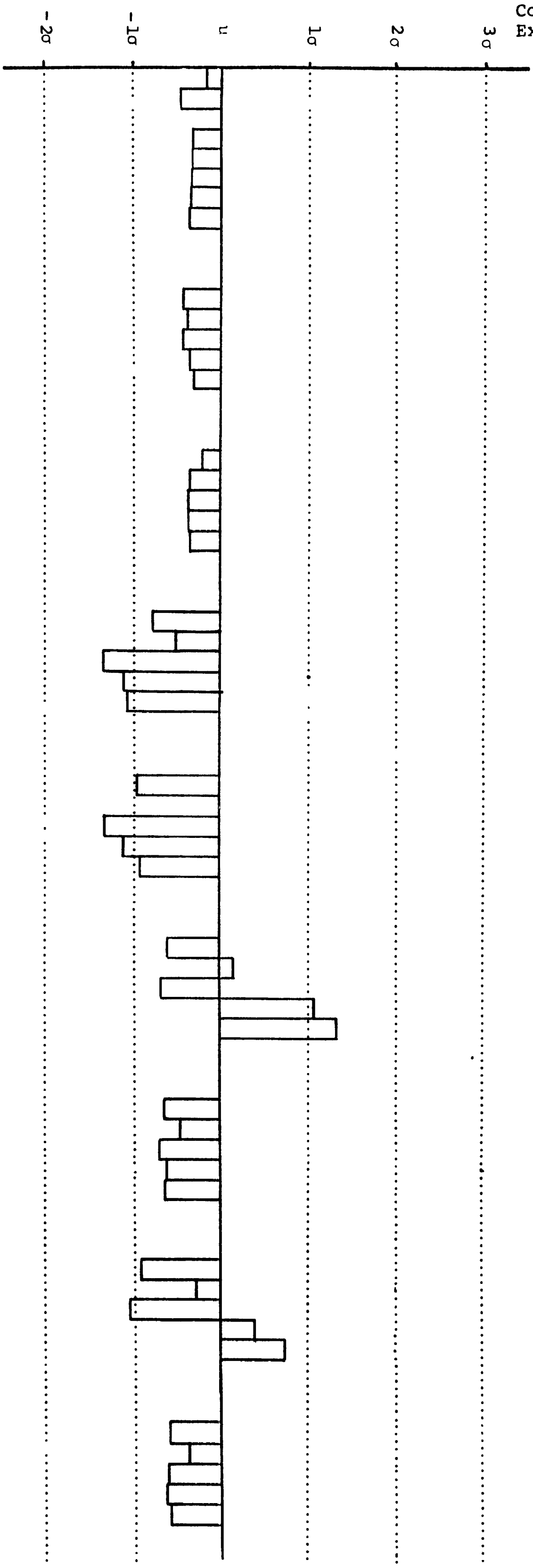


State μ	State σ	County Experience		
399730	2940627	30373	Population	1970
1364.7	813.8	805	Road Miles	1968
3649	13064	1405	Accidents	1966
3602	12490	844	Accidents	1967
3680	13067	932	Accidents	1968
3990	13689	962	Accidents	1969
3780	11939	895	Accidents	1970
			Accidents	1971
			Accidents	1972
27.7	57.3	8	Fatalities	1966
25.6	51.3	6	Fatalities	1967
28.8	55.6	7	Fatalities	1968
30.0	60.9	9	Fatalities	1969
26.2	51.5	13	Fatalities	1970
			Fatalities	1971
			Fatalities	1972
1188	6487	788	Injuries	1966
1823	6232	376	Injuries	1967
1933	6796	429	Injuries	1968
2113	7563	429	Injuries	1969
1948	6671	389	Injuries	1970
			Injuries	1971
			Injuries	1972
*53.6	21.0	79.0	Acc/R.V.	1966
*51.6	13.2	47.3	Acc/R.V.	1967
*53.4	12.7	49.7	Acc/R.V.	1968
*54.6	14.0	48.6	Acc/R.V.	1969
*53.9	11.5	43.1	Acc/R.V.	1970
			Acc/R.V.	1971
			Acc/R.V.	1972
*16.1	4.5	27.4	I.A./R.V.	1966
*15.5	4.0	14.1	I.A./R.V.	1967
*16.5	3.9	14.1	I.A./R.V.	1968
*16.4	4.6	14.3	I.A./R.V.	1969
*15.8	3.7	12.0	I.A./R.V.	1970
			I.A./R.V.	1971
			I.A./R.V.	1972
*.570	.267	.337	F.A./R.V.	1966
*.620	.332	.336	F.A./R.V.	1967
*.602	.318	.373	F.A./R.V.	1968
*.612	.320	.353	F.A./R.V.	1969
*.554	.282	.481	F.A./R.V.	1970
			F.A./R.V.	1971
			F.A./R.V.	1972
75.2	68.2	63.6	Acc/RV/RdM	1966
74.1	64.8	38.2	Acc/RV/RdM	1967
75.5	64.6	40.0	Acc/RV/RdM	1968
77.4	67.0	39.1	Acc/RV/RdM	1969
74.3	55.8	34.7	Acc/RV/RdM	1970
			Acc/RV/RdM	1971
			Acc/RV/RdM	1972
.778	.399	.271	FA/RV/RdM	1966
.757	.379	.270	FA/RV/RdM	1967
.760	.376	.300	FA/RV/RdM	1968
.785	.426	.325	FA/RV/RdM	1969
.684	.321	.387	FA/RV/RdM	1970
			FA/RV/RdM	1971
			FA/RV/RdM	1972
23.4	22.1	22.1	IA/RV/RdM	1966
22.7	21.9	11.4	IA/RV/RdM	1967
23.7	21.5	11.4	IA/RV/RdM	1968
23.8	22.7	11.5	IA/RV/RdM	1969
22.4	19.6	9.7	IA/RV/RdM	1970
			IA/RV/RdM	1971
			IA/RV/RdM	1972

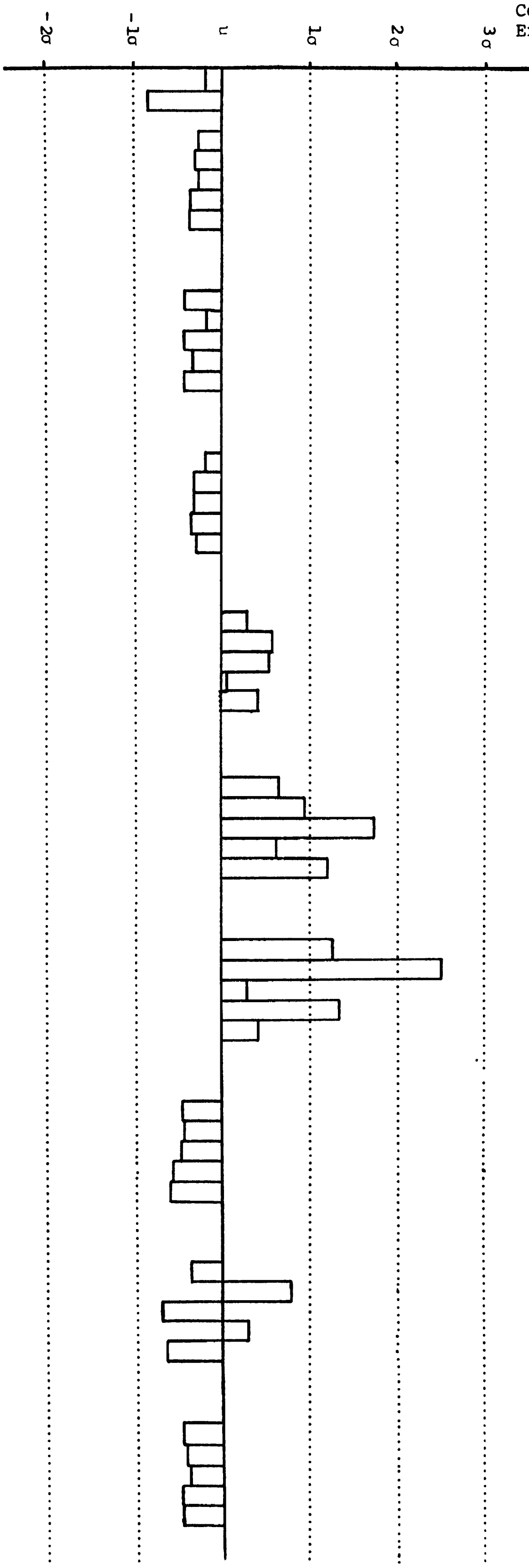
*figures represent actual value times 10^3



State μ	State σ	County Experience		
399730	2940627	12055	Population	1970
1364.7	813.8	974	Road Miles	1968
3649	13064	251	Accidents	1966
3602	12490	330	Accidents	1967
3680	13067	273	Accidents	1968
3990	13689	327	Accidents	1969
3780	11939	341	Accidents	1970
		.	Accidents	1971
			Accidents	1972
27.7	57.3	3	Fatalities	1966
25.6	51.3	7	Fatalities	1967
28.8	55.6	5	Fatalities	1968
30.0	60.9	11	Fatalities	1969
26.2	51.5	13	Fatalities	1970
			Fatalities	1971
			Fatalities	1972
1188	6487	129	Injuries	1966
1823	6232	180	Injuries	1967
1933	6796	149	Injuries	1968
2113	7563	132	Injuries	1969
1948	6671	162	Injuries	1970
			Injuries	1971
			Injuries	1972
*53.6	21.0	35.2	Acc/R.V.	1966
*51.6	13.2	45.2	Acc/R.V.	1967
*53.4	12.7	35.3	Acc/R.V.	1968
*54.6	14.0	39.5	Acc/R.V.	1969
*53.9	11.5	40.7	Acc/R.V.	1970
			Acc/R.V.	1971
			Acc/R.V.	1972
*16.1	4.5	11.8	I.A./R.V.	1966
*15.5	4.0	15.5	I.A./R.V.	1967
*16.5	3.9	11.4	I.A./R.V.	1968
*16.4	4.6	11.4	I.A./R.V.	1969
*15.8	3.7	12.4	I.A./R.V.	1970
			I.A./R.V.	1971
			I.A./R.V.	1972
*.570	.267	.420	F.A./R.V.	1966
*.620	.332	.685	F.A./R.V.	1967
*.602	.318	.387	F.A./R.V.	1968
*.612	.320	.966	F.A./R.V.	1969
*.554	.282	.954	F.A./R.V.	1970
			F.A./R.V.	1971
			F.A./R.V.	1972
75.2	68.2	34.3	Acc/RV/RdM	1966
74.1	64.8	45.0	Acc/RV/RdM	1967
75.5	64.6	34.3	Acc/RV/RdM	1968
77.4	67.0	38.5	Acc/RV/RdM	1969
74.3	55.8	39.7	Acc/RV/RdM	1970
			Acc/RV/RdM	1971
			Acc/RV/RdM	1972
.778	.399	.409	FA/RV/RdM	1966
.757	.379	.667	FA/RV/RdM	1967
.760	.376	.377	FA/RV/RdM	1968
.785	.426	.942	FA/RV/RdM	1969
.684	.321	.929	FA/RV/RdM	1970
			FA/RV/RdM	1971
			FA/RV/RdM	1972
23.4	22.1	11.5	IA/RV/RdM	1966
22.7	21.9	15.1	IA/RV/RdM	1967
23.7	21.5	11.1	IA/RV/RdM	1968
23.8	22.7	11.1	IA/RV/RdM	1969
22.4	19.6	12.1	IA/RV/RdM	1970
			IA/RV/RdM	1971
			IA/RV/RdM	1972

*figures represent actual value times 10^3

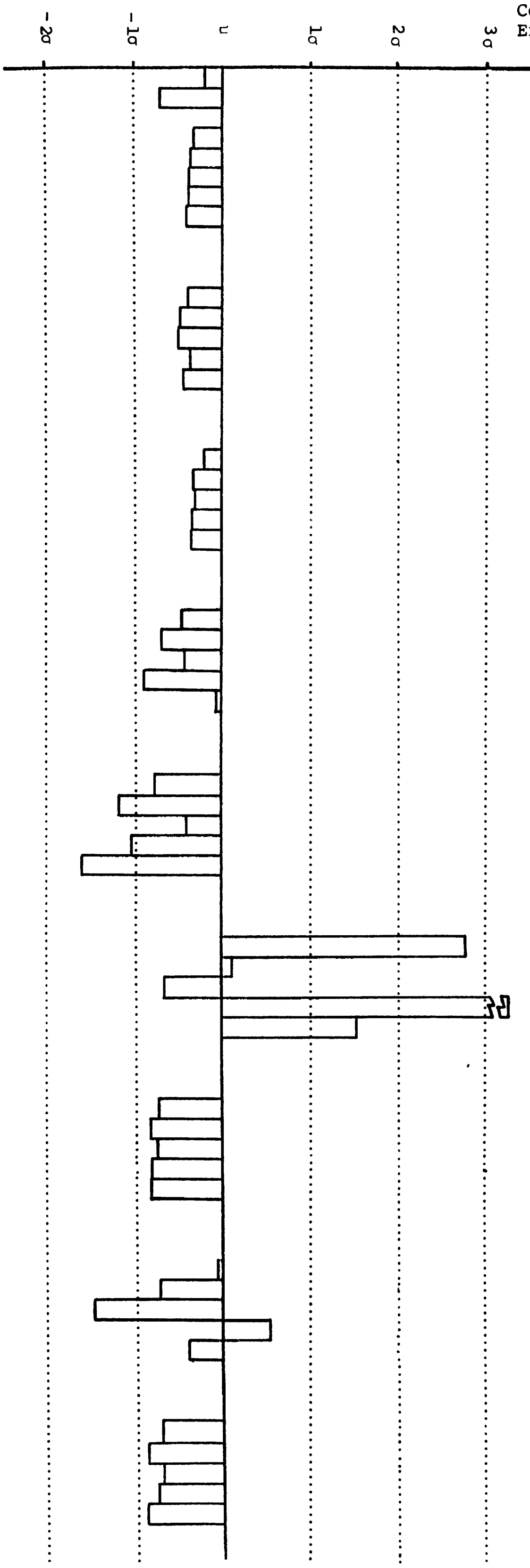
ARENAC



State μ	State σ	County Experience		
399730	2940627	10570	Population	1970
1364.7	813.8	724	Road Miles	1968
3649	13064	387	Accidents	1966
3602	12490	401	Accidents	1967
3680	13067	446	Accidents	1968
3990	13689	418	Accidents	1969
3780	11939	437	Accidents	1970
			Accidents	1971
			Accidents	1972
27.7	57.3	6	Fatalities	1966
25.6	51.3	18	Fatalities	1967
28.8	55.6	6	Fatalities	1968
30.0	60.9	10	Fatalities	1969
26.2	51.5	8	Fatalities	1970
			Fatalities	1971
			Fatalities	1972
1188	6487	93	Injuries	1966
1823	6232	75	Injuries	1967
1933	6796	147	Injuries	1968
2113	7563	88	Injuries	1969
1948	6671	270	Injuries	1970
			Injuries	1971
			Injuries	1972
*53.6	21.0	59.2	Acc/R.V.	1966
*51.6	13.2	59.5	Acc/R.V.	1967
*53.4	12.7	61.9	Acc/R.V.	1968
*54.6	14.0	55.9	Acc/R.V.	1969
*53.9	11.5	59.3	Acc/R.V.	1970
			Acc/R.V.	1971
			Acc/R.V.	1972
*16.1	4.5	19.1	I.A./R.V.	1966
*15.5	4.0	19.4	I.A./R.V.	1967
*16.5	3.9	23.4	I.A./R.V.	1968
*16.4	4.6	19.3	I.A./R.V.	1969
*15.8	3.7	20.2	I.A./R.V.	1970
			I.A./R.V.	1971
			I.A./R.V.	1972
*.570	.267	.918	F.A./R.V.	1966
*.620	.332	1.482	F.A./R.V.	1967
*.602	.318	.693	F.A./R.V.	1968
*.612	.320	1.069	F.A./R.V.	1969
*.554	.282	.678	F.A./R.V.	1970
			F.A./R.V.	1971
			F.A./R.V.	1972
75.2	68.2	42.9	Acc/RV/RdM	1966
74.1	64.8	44.4	Acc/RV/RdM	1967
75.5	64.6	44.8	Acc/RV/RdM	1968
77.4	67.0	40.5	Acc/RV/RdM	1969
74.3	55.8	42.9	Acc/RV/RdM	1970
			Acc/RV/RdM	1971
			Acc/RV/RdM	1972
.778	.399	.665	FA/RV/RdM	1966
.757	.379	1.073	FA/RV/RdM	1967
.760	.376	.502	FA/RV/RdM	1968
.785	.426	.781	FA/RV/RdM	1969
.684	.321	.491	FA/RV/RdM	1970
			FA/RV/RdM	1971
			FA/RV/RdM	1972
23.4	22.1	13.8	IA/RV/RdM	1966
22.7	21.9	14.1	IA/RV/RdM	1967
23.7	21.5	16.9	IA/RV/RdM	1968
23.8	22.7	14.0	IA/RV/RdM	1969
22.4	19.6	14.6	IA/RV/RdM	1970
			IA/RV/RdM	1971
			IA/RV/RdM	1972

*figures represent actual value times 10^3

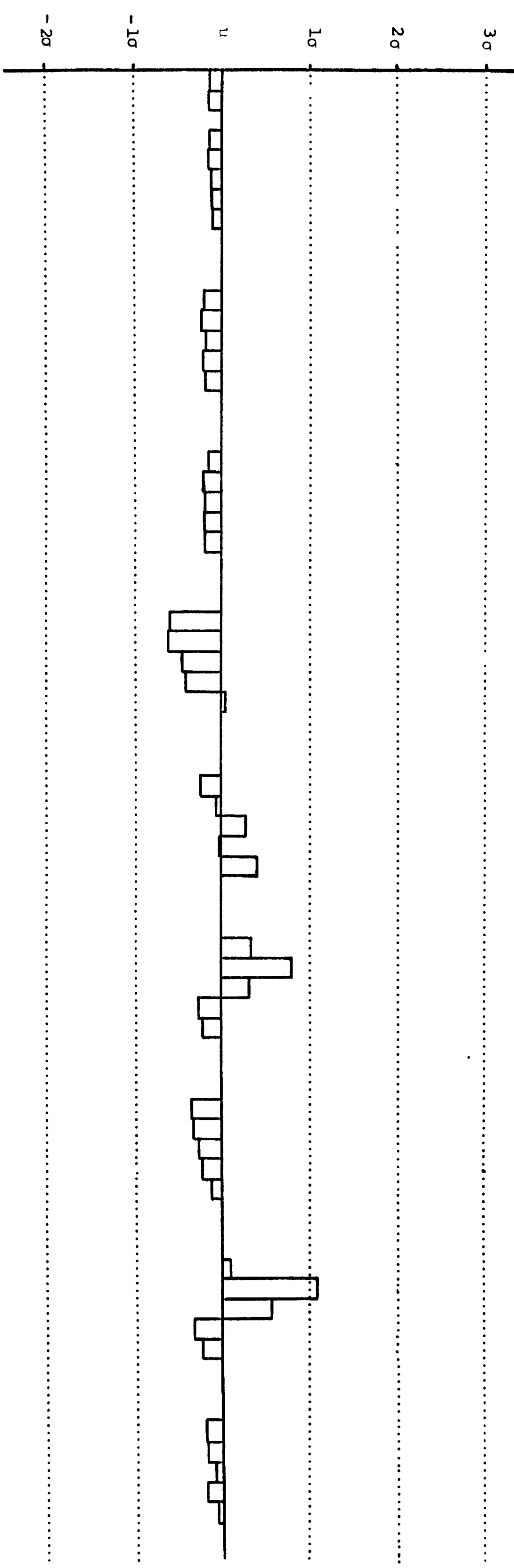
BARAGA



State μ	State σ	County Experience		
399730	2940627	7534	Population	1970
1364.7	813.8	580	Road Miles	1968
3649	13064	198	Accidents	1966
3602	12490	194	Accidents	1967
3680	13067	233	Accidents	1968
3990	13689	214	Accidents	1969
3780	11939	269	Accidents	1970
			Accidents	1971
			Accidents	1972
27.7	57.3	7	Fatalities	1966
25.6	51.3	3	Fatalities	1967
28.8	55.6	2	Fatalities	1968
30.0	60.9	10	Fatalities	1969
26.2	51.5	6	Fatalities	1970
			Fatalities	1971
			Fatalities	1972
1188	6487	93	Injuries	1966
1823	6232	75	Injuries	1967
1933	6796	147	Injuries	1968
2113	7563	88	Injuries	1969
1948	6671	79	Injuries	1970
			Injuries	1971
			Injuries	1972
*53.6	21.0	43.8	Acc/R.V.	1966
*51.6	13.2	42.8	Acc/R.V.	1967
*53.4	12.7	48.0	Acc/R.V.	1968
*54.6	14.0	42.4	Acc/R.V.	1969
*53.9	11.5	53.1	Acc/R.V.	1970
			Acc/R.V.	1971
			Acc/R.V.	1972
*16.1	4.5	12.8	I.A./R.V.	1966
*15.5	4.0	11.0	I.A./R.V.	1967
*16.5	3.9	15.0	I.A./R.V.	1968
*16.4	4.6	11.5	I.A./R.V.	1969
*15.8	3.7	10.1	I.A./R.V.	1970
			I.A./R.V.	1971
			I.A./R.V.	1972
*.570	.267	1.326	F.A./R.V.	1966
*.620	.332	.662	F.A./R.V.	1967
*.602	.318	.412	F.A./R.V.	1968
*.612	.320	1.782	F.A./R.V.	1969
*.554	.282	.986	F.A./R.V.	1970
			F.A./R.V.	1971
			F.A./R.V.	1972
75.2	68.2	25.4	Acc/RV/RdM	1966
74.1	64.8	24.8	Acc/RV/RdM	1967
75.5	64.6	27.8	Acc/RV/RdM	1968
77.4	67.0	24.6	Acc/RV/RdM	1969
74.3	55.8	30.7	Acc/RV/RdM	1970
			Acc/RV/RdM	1971
			Acc/RV/RdM	1972
.778	.399	.769	FA/RV/RdM	1966
.757	.379	.384	FA/RV/RdM	1967
.760	.376	.239	FA/RV/RdM	1968
.785	.426	1.034	FA/RV/RdM	1969
.684	.321	.572	FA/RV/RdM	1970
			FA/RV/RdM	1971
			FA/RV/RdM	1972
23.4	22.1	7.4	IA/RV/RdM	1966
22.7	21.9	6.4	IA/RV/RdM	1967
23.7	21.5	8.7	IA/RV/RdM	1968
23.8	22.7	6.7	IA/RV/RdM	1969
22.4	19.6	5.9	IA/RV/RdM	1970
			IA/RV/RdM	1971
			IA/RV/RdM	1972

*figures represent actual value times 10^3

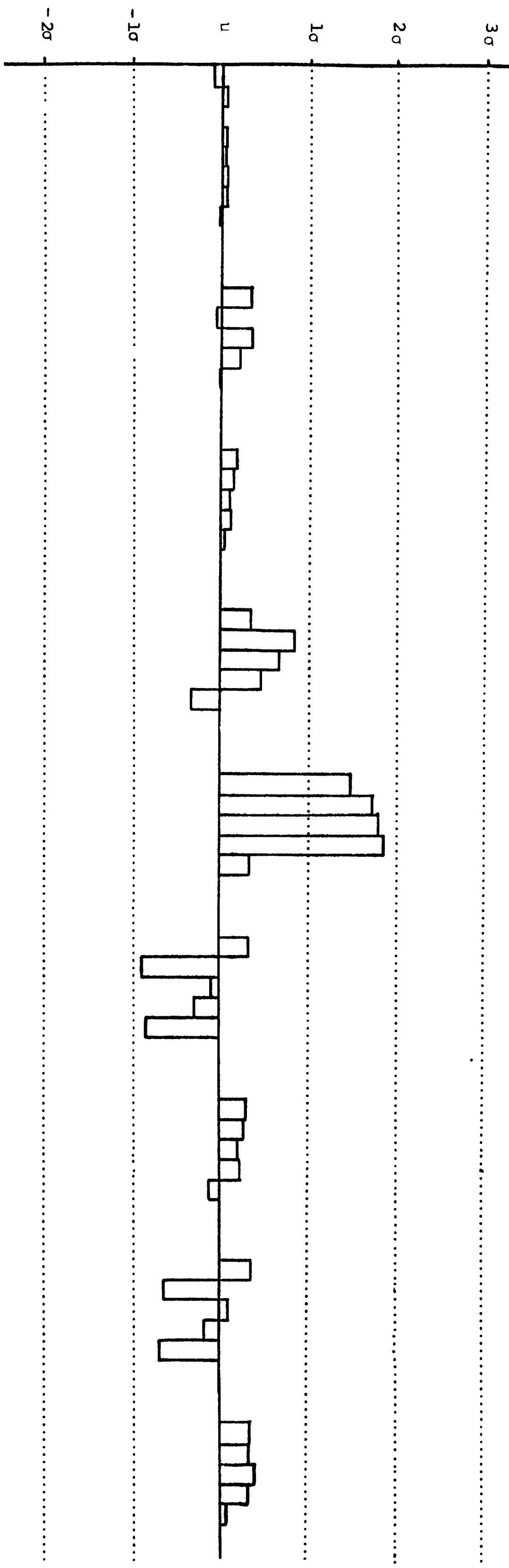
BARRY



State μ	State σ	County Experience		
399730	2940627	37858	Population	1970
1364.7	813.8	1267	Road Miles	1968
3649	13064	861	Accidents	1966
3602	12490	909	Accidents	1967
3680	13067	1042	Accidents	1968
3990	13689	1096	Accidents	1969
3780	11939	1221	Accidents	1970
			Accidents	1971
			Accidents	1972
27.7	57.3	17	Fatalities	1966
25.6	51.3	14	Fatalities	1967
28.8	55.6	19	Fatalities	1968
30.0	60.9	17	Fatalities	1969
26.2	51.5	18	Fatalities	1970
			Fatalities	1971
			Fatalities	1972
1188	6487	534	Injuries	1966
1823	6232	524	Injuries	1967
1933	6796	638	Injuries	1968
2113	7563	609	Injuries	1969
1948	6671	608	Injuries	1970
			Injuries	1971
			Injuries	1972
*53.6	21.0	40.6	Acc/R.V.	1966
*51.6	13.2	43.6	Acc/R.V.	1967
*53.4	12.7	47.2	Acc/R.V.	1968
*54.6	14.0	48.6	Acc/R.V.	1969
*53.9	11.5	54.6	Acc/R.V.	1970
			Acc/R.V.	1971
			Acc/R.V.	1972
*16.1	4.5	15.1	I.A./R.V.	1966
*15.5	4.0	15.4	I.A./R.V.	1967
*16.5	3.9	17.7	I.A./R.V.	1968
*16.4	4.6	16.3	I.A./R.V.	1969
*15.8	3.7	17.2	I.A./R.V.	1970
			I.A./R.V.	1971
			I.A./R.V.	1972
*.570	.267	.659	F.A./R.V.	1966
*.620	.332	.910	F.A./R.V.	1967
*.602	.318	.770	F.A./R.V.	1968
*.612	.320	.532	F.A./R.V.	1969
*.554	.282	.492	F.A./R.V.	1970
			F.A./R.V.	1971
			F.A./R.V.	1972
75.2	68.2	51.4	Acc/RV/RdM	1966
74.1	64.8	54.2	Acc/RV/RdM	1967
75.5	64.6	59.8	Acc/RV/RdM	1968
77.4	67.0	61.6	Acc/RV/RdM	1969
74.3	55.8	69.2	Acc/RV/RdM	1970
			Acc/RV/RdM	1971
			Acc/RV/RdM	1972
.778	.399	.835	FA/RV/RdM	1966
.757	.379	1.153	FA/RV/RdM	1967
.760	.376	.976	FA/RV/RdM	1968
.785	.426	.674	FA/RV/RdM	1969
.684	.321	.624	FA/RV/RdM	1970
			FA/RV/RdM	1971
			FA/RV/RdM	1972
23.4	22.1	19.1	IA/RV/RdM	1966
22.7	21.9	19.5	IA/RV/RdM	1967
23.7	21.5	22.4	IA/RV/RdM	1968
23.8	22.7	20.7	IA/RV/RdM	1969
22.4	19.6	21.8	IA/RV/RdM	1970
			IA/RV/RdM	1971
			IA/RV/RdM	1972

*figures represent actual value times 10^3

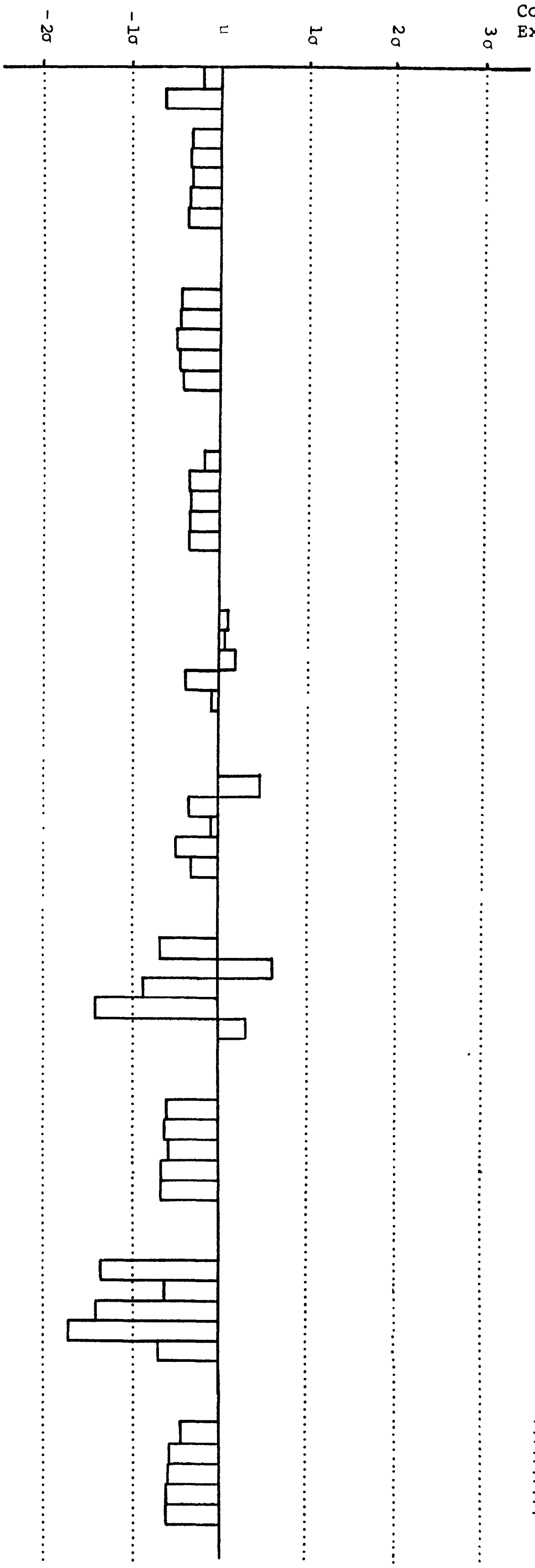
BAY



State μ	State σ	County Experience		
399730	2940627	116628	Population	1970
1364.7	813.8	1376	Road Miles	1968
3649	13064	4184	Accidents	1966
3602	12490	3893	Accidents	1967
3680	13067	4140	Accidents	1968
3990	13689	4353	Accidents	1969
3780	11939	3599	Accidents	1970
			Accidents	1971
			Accidents	1972
27.7	57.3	47	Fatalities	1966
25.6	51.3	24	Fatalities	1967
28.8	55.6	47	Fatalities	1968
30.0	60.9	43	Fatalities	1969
26.2	51.5	26	Fatalities	1970
			Fatalities	1971
			Fatalities	1972
1188	6487	2488	Injuries	1966
1823	6232	2394	Injuries	1967
1933	6796	2238	Injuries	1968
2113	7563	2576	Injuries	1969
1948	6671	2018	Injuries	1970
			Injuries	1971
			Injuries	1972
*53.6	21.0	67.4	Acc/R.V.	1966
*51.6	13.2	62.6	Acc/R.V.	1967
*53.4	12.7	63.1	Acc/R.V.	1968
*54.6	14.0	61.9	Acc/R.V.	1969
*53.9	11.5	49.2	Acc/R.V.	1970
			Acc/R.V.	1971
			Acc/R.V.	1972
*16.1	4.5	22.8	I.A./R.V.	1966
*15.5	4.0	22.4	I.A./R.V.	1967
*16.5	3.9	23.6	I.A./R.V.	1968
*16.4	4.6	22.8	I.A./R.V.	1969
*15.8	3.7	16.9	I.A./R.V.	1970
			I.A./R.V.	1971
			I.A./R.V.	1972
*.570	.267	.644	F.A./R.V.	1966
*.620	.332	.305	F.A./R.V.	1967
*.602	.318	.579	F.A./R.V.	1968
*.612	.320	.526	F.A./R.V.	1969
*.554	.282	.328	F.A./R.V.	1970
			F.A./R.V.	1971
			F.A./R.V.	1972
75.2	68.2	92.8	Acc/RV/RdM	1966
74.1	64.8	86.3	Acc/RV/RdM	1967
75.5	64.6	86.8	Acc/RV/RdM	1968
77.4	67.0	85.2	Acc/RV/RdM	1969
74.3	55.8	67.7	Acc/RV/RdM	1970
			Acc/RV/RdM	1971
			Acc/RV/RdM	1972
.778	.399	.886	FA/RV/RdM	1966
.757	.379	.420	FA/RV/RdM	1967
.760	.376	.797	FA/RV/RdM	1968
.785	.426	.724	FA/RV/RdM	1969
.684	.321	.451	FA/RV/RdM	1970
			FA/RV/RdM	1971
			FA/RV/RdM	1972
23.4	22.1	31.4	IA/RV/RdM	1966
22.7	21.9	30.8	IA/RV/RdM	1967
23.7	21.5	32.5	IA/RV/RdM	1968
23.8	22.7	31.4	IA/RV/RdM	1969
22.4	19.6	23.3	IA/RV/RdM	1970
			IA/RV/RdM	1971
			IA/RV/RdM	1972

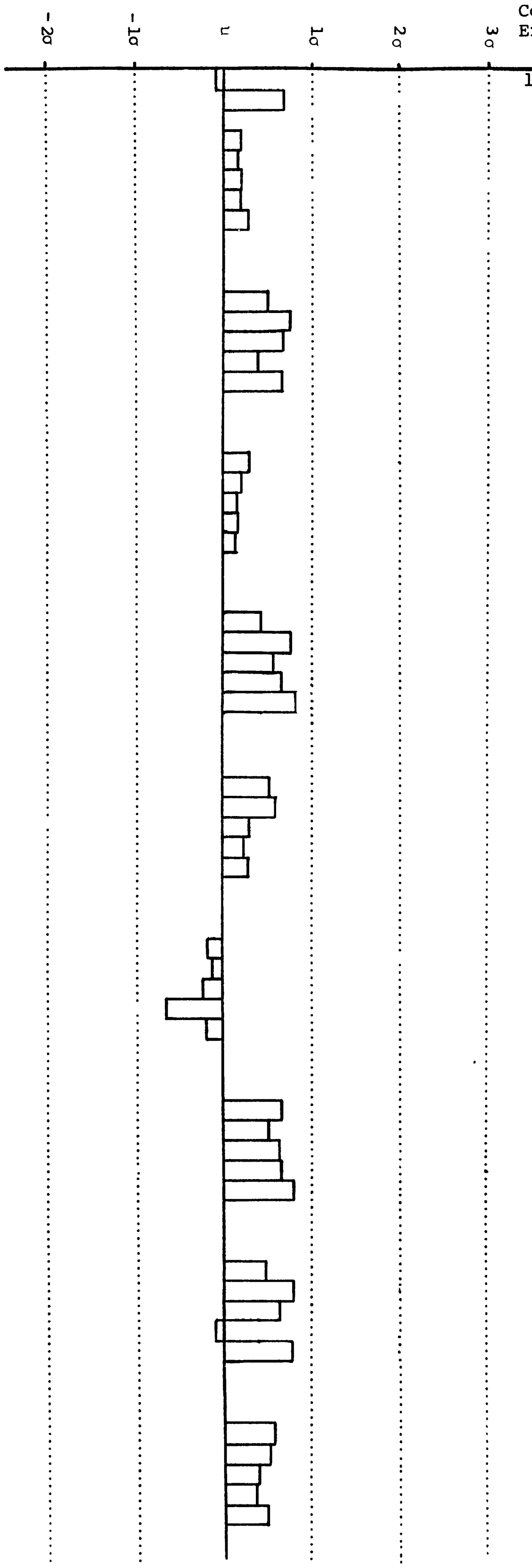
*figures represent actual value times 10^3

State μ	State σ	County Experience		
399730	2940627	8356	Population	1970
1364.7	813.8	714	Road Miles	1968
3649	13064	290	Accidents	1966
3602	12490	281	Accidents	1967
3680	13067	313	Accidents	1968
3990	13689	303	Accidents	1969
3780	11939	331	Accidents	1970
			Accidents	1971
			Accidents	1972
27.7	57.3	3	Fatalities	1966
25.6	51.3	4	Fatalities	1967
28.8	55.6	2	Fatalities	1968
30.0	60.9	2	Fatalities	1969
26.2	51.5	8	Fatalities	1970
			Fatalities	1971
			Fatalities	1972
1188	6487	168	Injuries	1966
1823	6232	134	Injuries	1967
1933	6796	149	Injuries	1968
2113	7563	144	Injuries	1969
1948	6671	165	Injuries	1970
			Injuries	1971
			Injuries	1972
*53.6	21.0	54.5	Acc/R.V.	1966
*51.6	13.2	52.7	Acc/R.V.	1967
*53.4	12.7	56.2	Acc/R.V.	1968
*54.6	14.0	50.3	Acc/R.V.	1969
*53.9	11.5	52.8	Acc/R.V.	1970
			Acc/R.V.	1971
			Acc/R.V.	1972
*16.1	4.5	18.8	I.A./R.V.	1966
*15.5	4.0	14.1	I.A./R.V.	1967
*16.5	3.9	16.2	I.A./R.V.	1968
*16.4	4.6	14.1	I.A./R.V.	1969
*15.8	3.7	14.8	I.A./R.V.	1970
			I.A./R.V.	1971
			I.A./R.V.	1972
*.570	.267	.375	F.A./R.V.	1966
*.620	.332	.750	F.A./R.V.	1967
*.602	.318	.359	F.A./R.V.	1968
*.612	.320	.166	F.A./R.V.	1969
*.554	.282	.638	F.A./R.V.	1970
			F.A./R.V.	1971
			F.A./R.V.	1972
75.2	68.2	38.9	Acc/RV/RdM	1966
74.1	64.8	37.6	Acc/RV/RdM	1967
75.5	64.6	40.1	Acc/RV/RdM	1968
77.4	67.0	35.9	Acc/RV/RdM	1969
74.3	55.8	37.6	Acc/RV/RdM	1970
			Acc/RV/RdM	1971
			Acc/RV/RdM	1972
.778	.399	.268	FA/RV/RdM	1966
.757	.379	.536	FA/RV/RdM	1967
.760	.376	.256	FA/RV/RdM	1968
.785	.426	.119	FA/RV/RdM	1969
.684	.321	.456	FA/RV/RdM	1970
			FA/RV/RdM	1971
			FA/RV/RdM	1972
23.4	22.1	13.4	IA/RV/RdM	1966
22.7	21.9	10.1	IA/RV/RdM	1967
23.7	21.5	11.6	IA/RV/RdM	1968
23.8	22.7	10.1	IA/RV/RdM	1969
22.4	19.6	10.6	IA/RV/RdM	1970
			IA/RV/RdM	1971
			IA/RV/RdM	1972



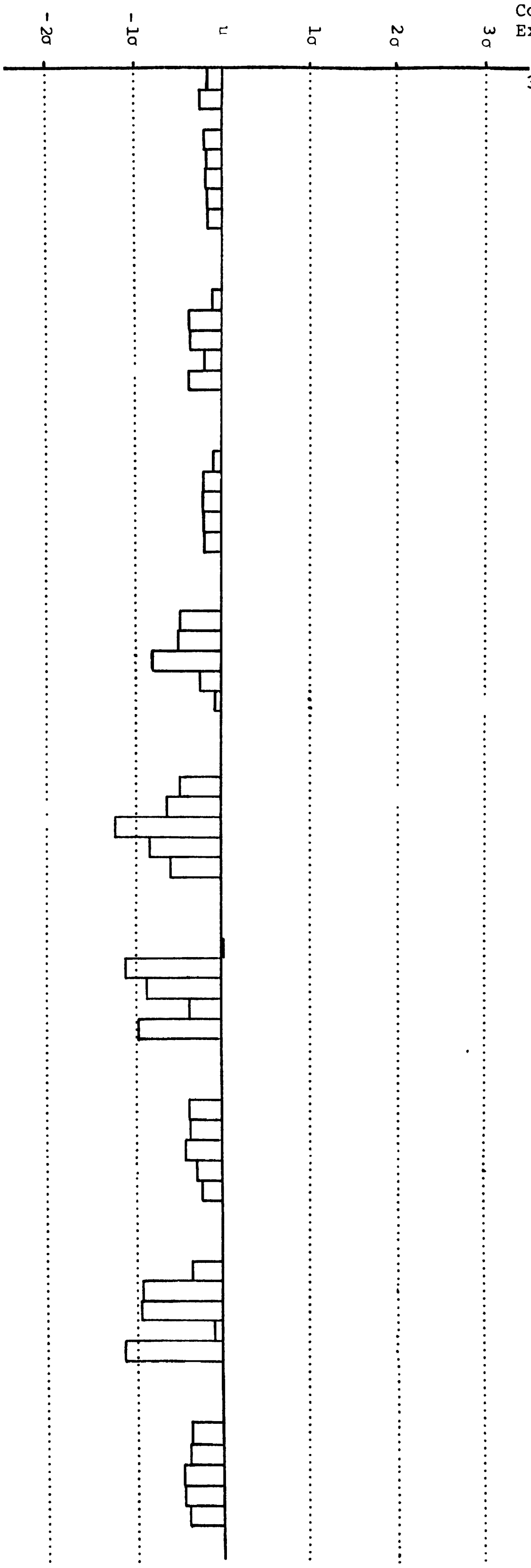
*figures represent actual value times 10^3

BERRIEN



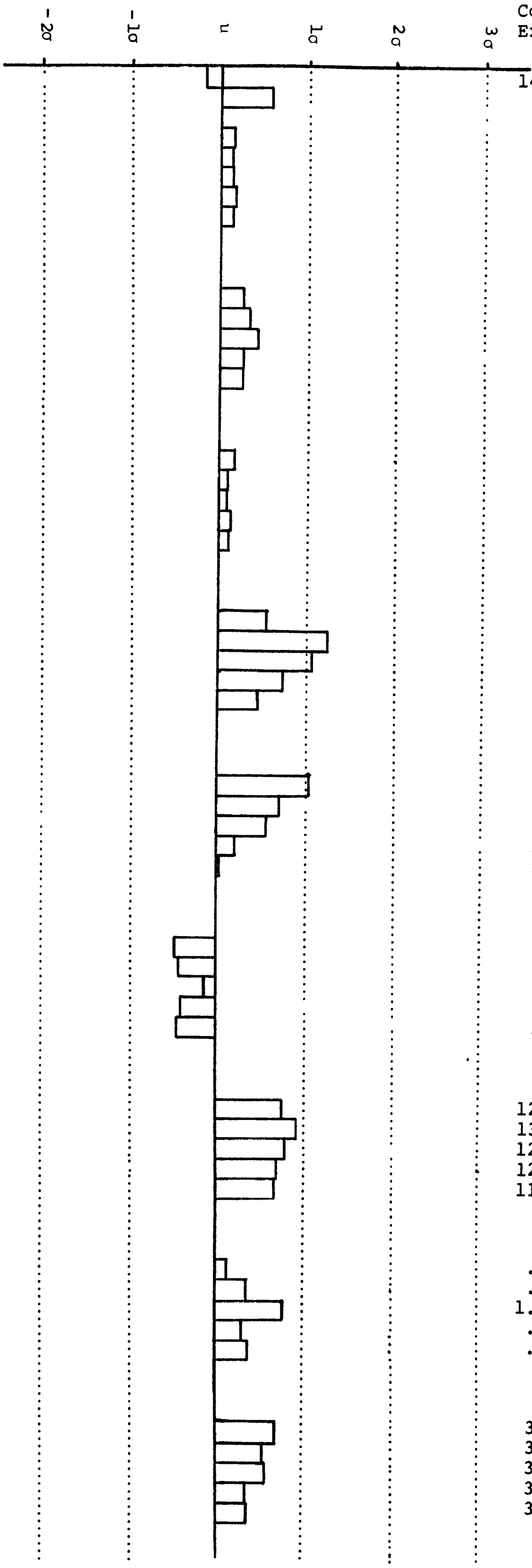
State μ	State σ	County Experience	Item	Year
399730	2940627	161400	Population	1970
1364.7	813.8	1912	Road Miles	1968
3649	13064	6159	Accidents	1966
3602	12490	5981	Accidents	1967
3680	13067	6224	Accidents	1968
3990	13689	6791	Accidents	1969
3780	11939	6918	Accidents	1970
			Accidents	1971
			Accidents	1972
27.7	57.3	58	Fatalities	1966
25.6	51.3	65	Fatalities	1967
28.8	55.6	67	Fatalities	1968
30.0	60.9	54	Fatalities	1969
26.2	51.5	62	Fatalities	1970
			Fatalities	1971
			Fatalities	1972
1188	6487	2972	Injuries	1966
1823	6232	2916	Injuries	1967
1933	6796	2849	Injuries	1968
2113	7563	2961	Injuries	1969
1948	6671	3019	Injuries	1970
			Injuries	1971
			Injuries	1972
*53.6	21.0	64.4	Acc/R.V.	1966
*51.6	13.2	61.8	Acc/R.V.	1967
*53.4	12.7	61.8	Acc/R.V.	1968
*54.6	14.0	64.6	Acc/R.V.	1969
*53.9	11.5	63.3	Acc/R.V.	1970
			Acc/R.V.	1971
			Acc/R.V.	1972
*16.1	4.5	18.9	I.A./R.V.	1966
*15.5	4.0	18.1	I.A./R.V.	1967
*16.5	3.9	17.6	I.A./R.V.	1968
*16.4	4.6	17.3	I.A./R.V.	1969
*15.8	3.7	16.9	I.A./R.V.	1970
			I.A./R.V.	1971
			I.A./R.V.	1972
*.570	.267	.512	F.A./R.V.	1966
*.620	.332	.568	F.A./R.V.	1967
*.602	.318	.526	F.A./R.V.	1968
*.612	.320	.399	F.A./R.V.	1969
*.554	.282	.493	F.A./R.V.	1970
			F.A./R.V.	1971
			F.A./R.V.	1972
75.2	68.2	123.1	Acc/RV/RdM	1966
74.1	64.8	119.5	Acc/RV/RdM	1967
75.5	64.6	118.1	Acc/RV/RdM	1968
77.4	67.0	121.4	Acc/RV/RdM	1969
74.3	55.8	120.9	Acc/RV/RdM	1970
			Acc/RV/RdM	1971
			Acc/RV/RdM	1972
.778	.399	.979	FA/RV/RdM	1966
.757	.379	1.086	FA/RV/RdM	1967
.760	.376	1.006	FA/RV/RdM	1968
.785	.426	.764	FA/RV/RdM	1969
.684	.321	.943	FA/RV/RdM	1970
			FA/RV/RdM	1971
			FA/RV/RdM	1972
23.4	22.1	36.1	IA/RV/RdM	1966
22.7	21.9	34.6	IA/RV/RdM	1967
23.7	21.5	33.7	IA/RV/RdM	1968
23.8	22.7	33.1	IA/RV/RdM	1969
22.4	19.6	32.3	IA/RV/RdM	1970
			IA/RV/RdM	1971
			IA/RV/RdM	1972

*figures represent actual value times 10^3



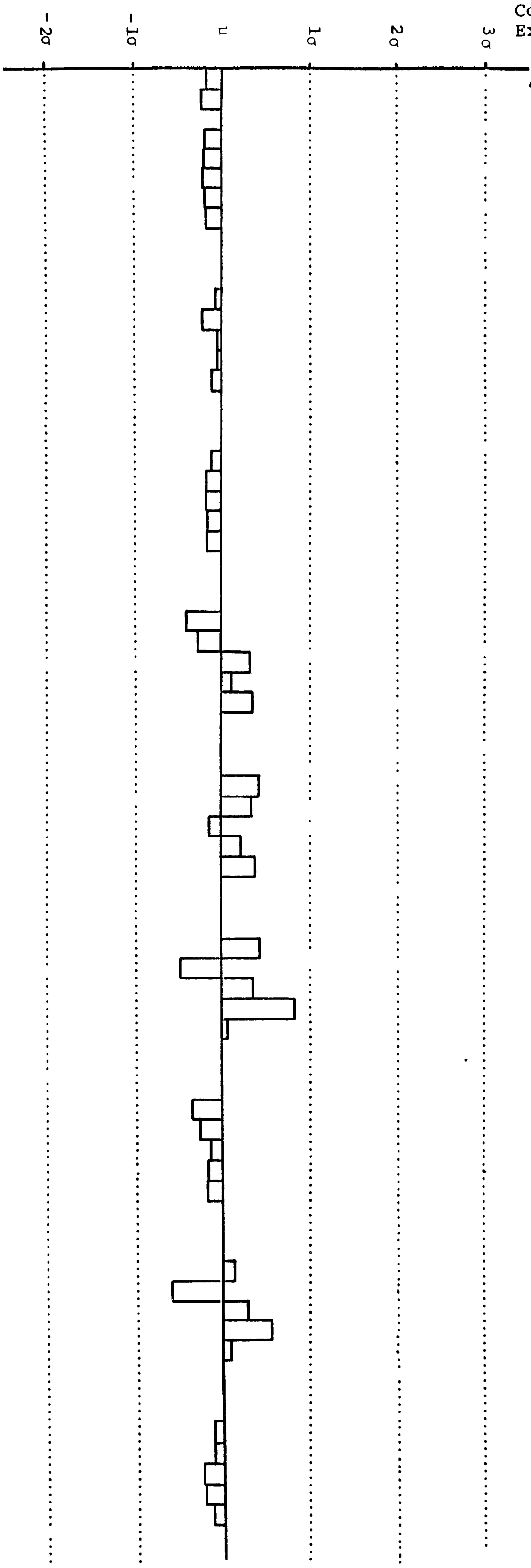
State μ	State σ	County Experience		
399730	2940627	36396	Population	1970
1364.7	813.8	1161	Road Miles	1968
3649	13064	957	Accidents	1966
3602	12490	1019	Accidents	1967
3680	13067	1003	Accidents	1968
3990	13689	1261	Accidents	1969
3780	11939	1365	Accidents	1970
			Accidents	1971
			Accidents	1972
27.7	57.3	24	Fatalities	1966
25.6	51.3	9	Fatalities	1967
28.8	55.6	10	Fatalities	1968
30.0	60.9	19	Fatalities	1969
26.2	51.5	8	Fatalities	1970
			Fatalities	1971
			Fatalities	1972
1188	6487	544	Injuries	1966
1823	6232	476	Injuries	1967
1933	6796	434	Injuries	1968
2113	7563	472	Injuries	1969
1948	6671	557	Injuries	1970
			Injuries	1971
			Injuries	1972
*53.6	21.0	42.3	Acc/R.V.	1966
*51.6	13.2	45.0	Acc/R.V.	1967
*53.4	12.7	42.6	Acc/R.V.	1968
*54.6	14.0	51.7	Acc/R.V.	1969
*53.9	11.5	53.5	Acc/R.V.	1970
			Acc/R.V.	1971
			Acc/R.V.	1972
*16.1	4.5	14.0	I.A./R.V.	1966
*15.5	4.0	13.0	I.A./R.V.	1967
*16.5	3.9	11.9	I.A./R.V.	1968
*16.4	4.6	12.3	I.A./R.V.	1969
*15.8	3.7	13.8	I.A./R.V.	1970
			I.A./R.V.	1971
			I.A./R.V.	1972
*.570	.267	.575	F.A./R.V.	1966
*.620	.332	.265	F.A./R.V.	1967
*.602	.318	.339	F.A./R.V.	1968
*.612	.320	.491	F.A./R.V.	1969
*.554	.282	.274	F.A./R.V.	1970
			F.A./R.V.	1971
			F.A./R.V.	1972
75.2	68.2	49.1	Acc/RV/RdM	1966
74.1	64.8	52.3	Acc/RV/RdM	1967
75.5	64.6	49.3	Acc/RV/RdM	1968
77.4	67.0	60.0	Acc/RV/RdM	1969
74.3	55.8	62.1	Acc/RV/RdM	1970
			Acc/RV/RdM	1971
			Acc/RV/RdM	1972
.778	.399	.668	FA/RV/RdM	1966
.757	.379	.308	FA/RV/RdM	1967
.760	.376	.394	FA/RV/RdM	1968
.785	.426	.764	FA/RV/RdM	1969
.684	.321	.318	FA/RV/RdM	1970
			FA/RV/RdM	1971
			FA/RV/RdM	1972
23.4	22.1	16.3	IA/RV/RdM	1966
22.7	21.9	15.2	IA/RV/RdM	1967
23.7	21.5	13.8	IA/RV/RdM	1968
23.8	22.7	14.3	IA/RV/RdM	1969
22.4	19.6	16.0	IA/RV/RdM	1970
			IA/RV/RdM	1971
			IA/RV/RdM	1972

*figures represent actual value times 10^3



State μ	State σ	County Experience		
399730	2940627	140061	Population	1970
1364.7	813.8	1887	Road Miles	1968
3649	13064	5496	Accidents	1966
3602	12490	5735	Accidents	1967
3680	13067	5882	Accidents	1968
3990	13689	5901	Accidents	1969
3780	11939	5485	Accidents	1970
			Accidents	1971
			Accidents	1972
27.7	57.3	43	Fatalities	1966
25.6	51.3	46	Fatalities	1967
28.8	55.6	56	Fatalities	1968
30.0	60.9	46	Fatalities	1969
26.2	51.5	40	Fatalities	1970
			Fatalities	1971
			Fatalities	1972
1188	6487	2669	Injuries	1966
1823	6232	2316	Injuries	1967
1933	6796	2423	Injuries	1968
2113	7563	2464	Injuries	1969
1948	6671	2339	Injuries	1970
			Injuries	1971
			Injuries	1972
*53.6	21.0	67.2	Acc/R.V.	1966
*51.6	13.2	69.6	Acc/R.V.	1967
*53.4	12.7	68.8	Acc/R.V.	1968
*54.6	14.0	65.5	Acc/R.V.	1969
*53.9	11.5	59.4	Acc/R.V.	1970
			Acc/R.V.	1971
			Acc/R.V.	1972
*16.1	4.5	20.7	I.A./R.V.	1966
*15.5	4.0	18.4	I.A./R.V.	1967
*16.5	3.9	18.7	I.A./R.V.	1968
*16.4	4.6	17.3	I.A./R.V.	1969
*15.8	3.7	15.9	I.A./R.V.	1970
			I.A./R.V.	1971
			I.A./R.V.	1972
*.570	.267	.439	F.A./R.V.	1966
*.620	.332	.485	F.A./R.V.	1967
*.602	.318	.561	F.A./R.V.	1968
*.612	.320	.477	F.A./R.V.	1969
*.554	.282	.422	F.A./R.V.	1970
			F.A./R.V.	1971
			F.A./R.V.	1972
75.2	68.2	126.7	Acc/RV/RdM	1966
74.1	64.8	132.2	Acc/RV/RdM	1967
75.5	64.6	129.7	Acc/RV/RdM	1968
77.4	67.0	123.7	Acc/RV/RdM	1969
74.3	55.8	112.0	Acc/RV/RdM	1970
			Acc/RV/RdM	1971
			Acc/RV/RdM	1972
.778	.399	.828	FA/RV/RdM	1966
.757	.379	.915	FA/RV/RdM	1967
.760	.376	1.059	FA/RV/RdM	1968
.785	.426	.901	FA/RV/RdM	1969
.684	.321	.796	FA/RV/RdM	1970
			FA/RV/RdM	1971
			FA/RV/RdM	1972
23.4	22.1	39.1	IA/RV/RdM	1966
22.7	21.9	34.7	IA/RV/RdM	1967
23.7	21.5	35.3	IA/RV/RdM	1968
23.8	22.7	32.7	IA/RV/RdM	1969
22.4	19.6	30.0	IA/RV/RdM	1970
			IA/RV/RdM	1971
			IA/RV/RdM	1972

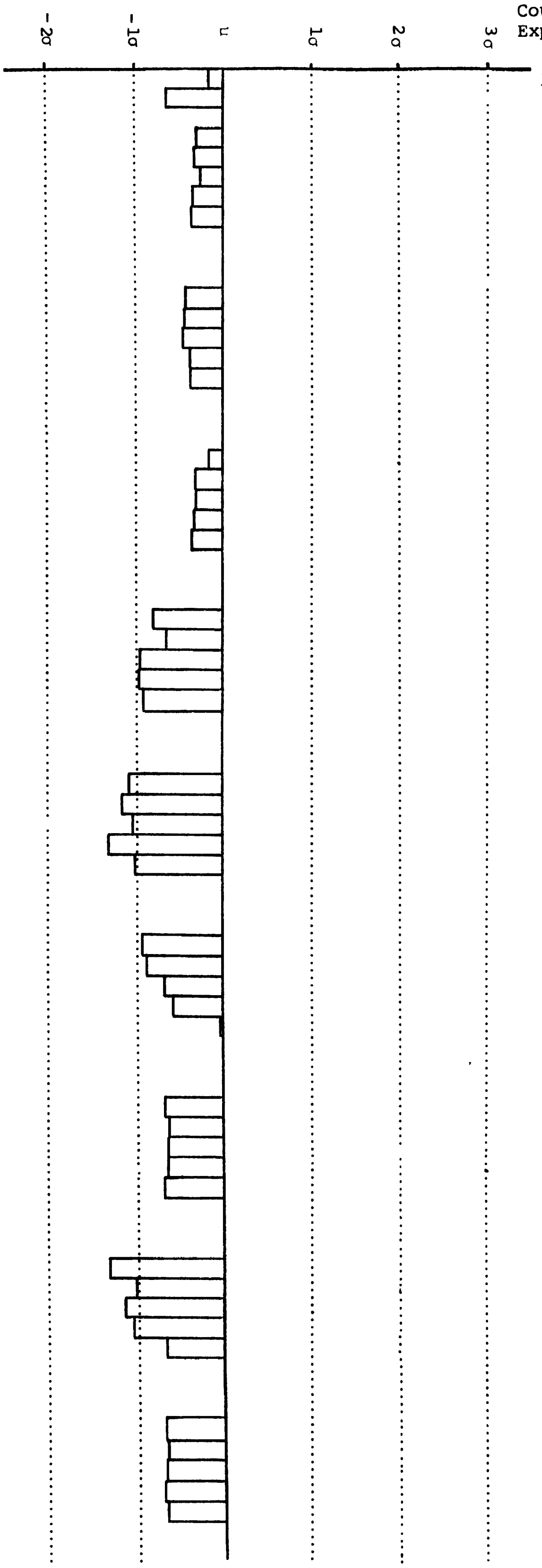
*figures represent actual value times 10^3



State μ	State σ	County Experience		
399730	2940627	42681	Population	1970
1364.7	813.8	1192	Road Miles	1968
3649	13064	1115	Accidents	1966
3602	12490	1194	Accidents	1967
3680	13067	1450	Accidents	1968
3990	13689	1545	Accidents	1969
3780	11939	1579	Accidents	1970
			Accidents	1971
			Accidents	1972
27.7	57.3	24	Fatalities	1966
25.6	51.3	14	Fatalities	1967
28.8	55.6	26	Fatalities	1968
30.0	60.9	28	Fatalities	1969
26.2	51.5	21	Fatalities	1970
			Fatalities	1971
			Fatalities	1972
1188	6487	742	Injuries	1966
1823	6232	729	Injuries	1967
1933	6796	668	Injuries	1968
2113	7563	785	Injuries	1969
1948	6671	755	Injuries	1970
			Injuries	1971
			Injuries	1972
53.6*	21.0	45.5	Acc/R.V.	1966
51.6*	13.2	49.0	Acc/R.V.	1967
53.4*	12.7	56.0	Acc/R.V.	1968
54.6*	14.0	56.7	Acc/R.V.	1969
53.9*	11.5	55.8	Acc/R.V.	1970
			Acc/R.V.	1971
			Acc/R.V.	1972
16.1*	4.5	18.1	I.A./R.V.	1966
15.5*	4.0	17.9	I.A./R.V.	1967
16.5*	3.9	15.9	I.A./R.V.	1968
16.4*	4.6	17.5	I.A./R.V.	1969
15.8*	3.7	17.3	I.A./R.V.	1970
			I.A./R.V.	1971
			I.A./R.V.	1972
.570*	.267	.693	F.A./R.V.	1966
.620*	.332	.451	F.A./R.V.	1967
.602*	.318	.733	F.A./R.V.	1968
.612*	.320	.881	F.A./R.V.	1969
.554*	.282	.600	F.A./R.V.	1970
			F.A./R.V.	1971
			F.A./R.V.	1972
75.2	68.2	54.2	Acc/RV/RdM	1966
74.1	64.8	58.0	Acc/RV/RdM	1967
75.5	64.6	66.7	Acc/RV/RdM	1968
77.4	67.0	67.6	Acc/RV/RdM	1969
74.3	55.8	66.4	Acc/RV/RdM	1970
			Acc/RV/RdM	1971
			Acc/RV/RdM	1972
.778	.399	.826	FA/RV/RdM	1966
.757	.379	.538	FA/RV/RdM	1967
.760	.376	.874	FA/RV/RdM	1968
.785	.426	1.051	FA/RV/RdM	1969
.684	.321	.715	FA/RV/RdM	1970
			FA/RV/RdM	1971
			FA/RV/RdM	1972
23.4	22.1	21.6	IA/RV/RdM	1966
22.7	21.9	21.3	IA/RV/RdM	1967
23.7	21.5	19.0	IA/RV/RdM	1968
23.8	22.7	20.9	IA/RV/RdM	1969
22.4	19.6	20.6	IA/RV/RdM	1970
			IA/RV/RdM	1971
			IA/RV/RdM	1972

*figures represent actual value times 10^3

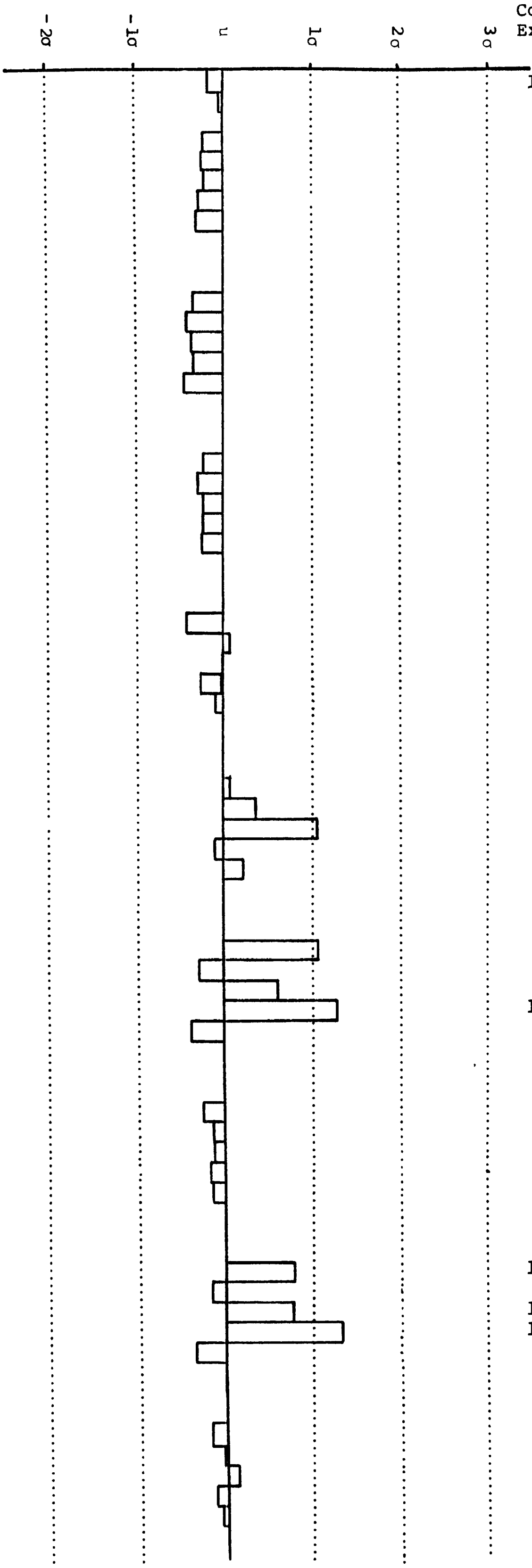
CASS



State μ	State σ	County Experience		
399730	2940627	16131	Population	1970
1364.7	813.8	879	Road Miles	1968
3649	13064	343	Accidents	1966
3602	12490	413	Accidents	1967
3680	13067	417	Accidents	1968
3990	13689	456	Accidents	1969
3780	11939	479	Accidents	1970
			Accidents	1971
			Accidents	1972
27.7	57.3	3	Fatalities	1966
25.6	51.3	3	Fatalities	1967
28.8	55.6	4	Fatalities	1968
30.0	60.9	6	Fatalities	1969
26.2	51.5	7	Fatalities	1970
			Fatalities	1971
			Fatalities	1972
1188	6487	160	Injuries	1966
1823	6232	174	Injuries	1967
1933	6796	202	Injuries	1968
2113	7563	182	Injuries	1969
1948	6671	195	Injuries	1970
			Injuries	1971
			Injuries	1972
* 53.6	21.0	36.2	Acc/R.V.	1966
* 51.6	13.2	43.1	Acc/R.V.	1967
* 53.4	12.7	41.0	Acc/R.V.	1968
* 54.6	14.0	41.0	Acc/R.V.	1969
* 53.9	11.5	44.0	Acc/R.V.	1970
			Acc/R.V.	1971
			Acc/R.V.	1972
* 16.1	4.5	11.2	I.A./R.V.	1966
* 15.5	4.0	10.9	I.A./R.V.	1967
* 16.5	3.9	12.1	I.A./R.V.	1968
* 16.4	4.6	10.5	I.A./R.V.	1969
* 15.8	3.7	12.0	I.A./R.V.	1970
			I.A./R.V.	1971
			I.A./R.V.	1972
* .570	.267	.316	F.A./R.V.	1966
* .620	.332	.313	F.A./R.V.	1967
* .602	.318	.393	F.A./R.V.	1968
* .612	.320	.449	F.A./R.V.	1969
* .554	.282	.551	F.A./R.V.	1970
			F.A./R.V.	1971
			F.A./R.V.	1972
75.2	68.2	31.8	Acc/RV/RdM	1966
74.1	64.8	38.2	Acc/RV/RdM	1967
75.5	64.6	36.0	Acc/RV/RdM	1968
77.4	67.0	36.0	Acc/RV/RdM	1969
74.3	55.8	38.7	Acc/RV/RdM	1970
			Acc/RV/RdM	1971
			Acc/RV/RdM	1972
.778	.399	.278	FA/RV/RdM	1966
.757	.379	.275	FA/RV/RdM	1967
.760	.376	.345	FA/RV/RdM	1968
.785	.426	.395	FA/RV/RdM	1969
.684	.321	.484	FA/RV/RdM	1970
			FA/RV/RdM	1971
			FA/RV/RdM	1972
23.4	22.1	9.8	IA/RV/RdM	1966
22.7	21.9	9.6	IA/RV/RdM	1967
23.7	21.5	10.6	IA/RV/RdM	1968
23.8	22.7	9.2	IA/RV/RdM	1969
22.4	19.6	10.6	IA/RV/RdM	1970
			IA/RV/RdM	1971
			IA/RV/RdM	1972

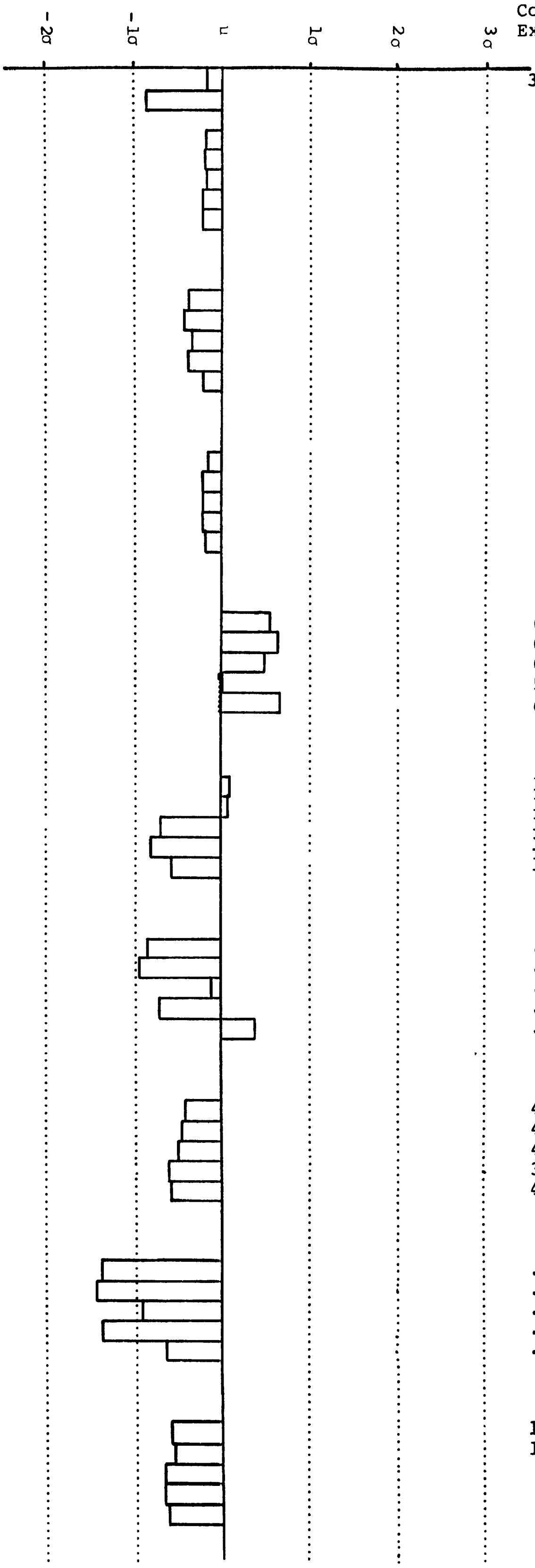
*figures represent actual value times 10^3

CHEBOYGAN



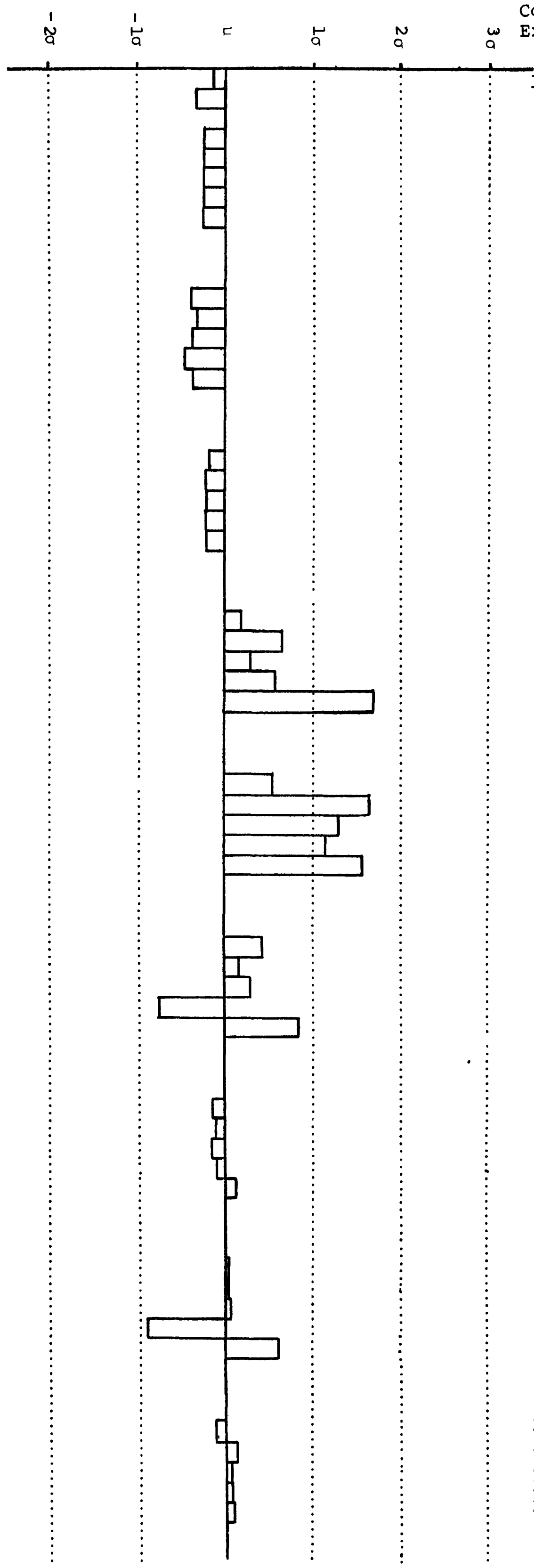
State μ	State σ	County Experience		
399730	2940627	16027	Population	1970
1364.7	813.8	1317	Road Miles	1968
3649	13064	424	Accidents	1966
3602	12490	489	Accidents	1967
3680	13067	527	Accidents	1968
3990	13689	549	Accidents	1969
3780	11939	586	Accidents	1970
			Accidents	1971
			Accidents	1972
27.7	57.3	10	Fatalities	1966
25.6	51.3	5	Fatalities	1967
28.8	55.6	9	Fatalities	1968
30.0	60.9	12	Fatalities	1969
26.2	51.5	5	Fatalities	1970
			Fatalities	1971
			Fatalities	1972
1188	6487	295	Injuries	1966
1823	6232	252	Injuries	1967
1933	6796	334	Injuries	1968
2113	7563	300	Injuries	1969
1948	6671	304	Injuries	1970
			Injuries	1971
			Injuries	1972
*53.6	21.0	44.8	Acc/R.V.	1966
*51.6	13.2	52.4	Acc/R.V.	1967
*53.4	12.7	53.0	Acc/R.V.	1968
*54.6	14.0	51.9	Acc/R.V.	1969
*53.9	11.5	52.7	Acc/R.V.	1970
			Acc/R.V.	1971
			Acc/R.V.	1972
*16.1	4.5	16.6	I.A./R.V.	1966
*15.5	4.0	17.1	I.A./R.V.	1967
*16.5	3.9	20.9	I.A./R.V.	1968
*16.4	4.6	16.1	I.A./R.V.	1969
*15.8	3.7	16.6	I.A./R.V.	1970
			I.A./R.V.	1971
			I.A./R.V.	1972
*.570	.267	.845	F.A./R.V.	1966
*.620	.332	.535	F.A./R.V.	1967
*.602	.318	.805	F.A./R.V.	1968
*.612	.320	1.039	F.A./R.V.	1969
*.554	.282	.449	F.A./R.V.	1970
			F.A./R.V.	1971
			F.A./R.V.	1972
75.2	68.2	59.0	Acc/RV/RdM	1966
74.1	64.8	68.0	Acc/RV/RdM	1967
75.5	64.6	69.8	Acc/RV/RdM	1968
77.4	67.0	68.3	Acc/RV/RdM	1969
74.3	55.8	69.3	Acc/RV/RdM	1970
			Acc/RV/RdM	1971
			Acc/RV/RdM	1972
.778	.399	1.113	FA/RV/RdM	1966
.757	.379	.705	FA/RV/RdM	1967
.760	.376	1.060	FA/RV/RdM	1968
.785	.426	1.368	FA/RV/RdM	1969
.684	.321	.591	FA/RV/RdM	1970
			FA/RV/RdM	1971
			FA/RV/RdM	1972
23.4	22.1	21.9	IA/RV/RdM	1966
22.7	21.9	22.5	IA/RV/RdM	1967
23.7	21.5	27.5	IA/RV/RdM	1968
23.8	22.7	21.2	IA/RV/RdM	1969
22.4	19.6	21.9	IA/RV/RdM	1970
			IA/RV/RdM	1971
			IA/RV/RdM	1972

*figures represent actual value times 10^3



State μ	State σ	County Experience		
399730	2940627	31910	Population	1970
1364.7	813.8	707	Road Miles	1968
3649	13064	1130	Accidents	1966
3602	12490	1030	Accidents	1967
3680	13067	1091	Accidents	1968
3990	13689	977	Accidents	1969
3780	11939	1091	Accidents	1970
			Accidents	1971
			Accidents	1972
27.7	57.3	6	Fatalities	1966
25.6	51.3	5	Fatalities	1967
28.8	55.6	11	Fatalities	1968
30.0	60.9	8	Fatalities	1969
26.2	51.5	15	Fatalities	1970
			Fatalities	1971
			Fatalities	1972
1188	6487	435	Injuries	1966
1823	6232	413	Injuries	1967
1933	6796	395	Injuries	1968
2113	7563	359	Injuries	1969
1948	6671	398	Injuries	1970
			Injuries	1971
			Injuries	1972
*53.6	21.0	67.1	Acc/R.V.	1966
*51.6	13.2	60.4	Acc/R.V.	1967
*53.4	12.7	61.6	Acc/R.V.	1968
*54.6	14.0	54.7	Acc/R.V.	1969
*53.9	11.5	61.2	Acc/R.V.	1970
			Acc/R.V.	1971
			Acc/R.V.	1972
*16.1	4.5	16.5	I.A./R.V.	1966
*15.5	4.0	15.9	I.A./R.V.	1967
*16.5	3.9	13.7	I.A./R.V.	1968
*16.4	4.6	12.7	I.A./R.V.	1969
*15.8	3.7	13.8	I.A./R.V.	1970
			I.A./R.V.	1971
			I.A./R.V.	1972
*.570	.267	.356	F.A./R.V.	1966
*.620	.332	.293	F.A./R.V.	1967
*.602	.318	.564	F.A./R.V.	1968
*.612	.320	.392	F.A./R.V.	1969
*.554	.282	.673	F.A./R.V.	1970
			F.A./R.V.	1971
			F.A./R.V.	1972
75.2	68.2	47.4	Acc/RV/RdM	1966
74.1	64.8	43.2	Acc/RV/RdM	1967
75.5	64.6	43.5	Acc/RV/RdM	1968
77.4	67.0	38.7	Acc/RV/RdM	1969
74.3	55.8	43.2	Acc/RV/RdM	1970
			Acc/RV/RdM	1971
			Acc/RV/RdM	1972
.778	.399	.252	FA/RV/RdM	1966
.757	.379	.207	FA/RV/RdM	1967
.760	.376	.399	FA/RV/RdM	1968
.785	.426	.277	FA/RV/RdM	1969
.684	.321	.476	FA/RV/RdM	1970
			FA/RV/RdM	1971
			FA/RV/RdM	1972
23.4	22.1	11.7	IA/RV/RdM	1966
22.7	21.9	11.2	IA/RV/RdM	1967
23.7	21.5	9.7	IA/RV/RdM	1968
23.8	22.7	9.0	IA/RV/RdM	1969
22.4	19.6	9.8	IA/RV/RdM	1970
			IA/RV/RdM	1971
			IA/RV/RdM	1972

*figures represent actual value times 10^3

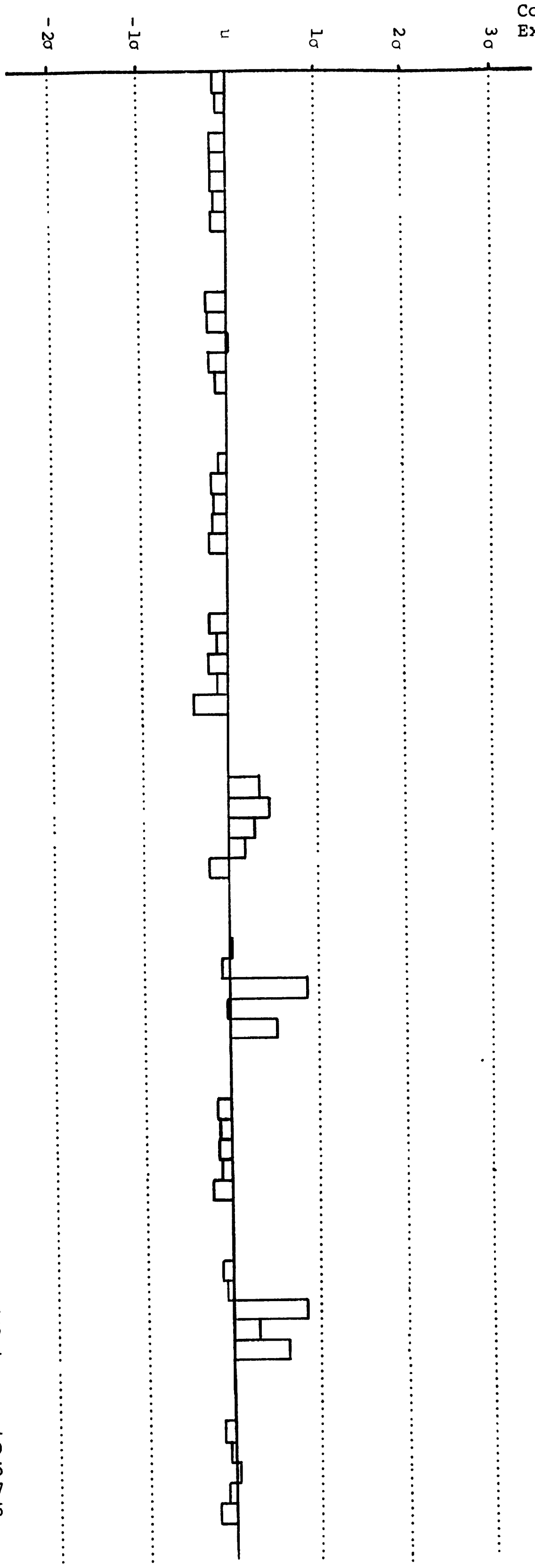


State μ	State σ	County Experience		
399730	2940627	15680	Population	1970
1364.7	813.8	1123	Road Miles	1968
3649	13064	489	Accidents	1966
3602	12490	539	Accidents	1967
3680	13067	575	Accidents	1968
3990	13689	682	Accidents	1969
3780	11939	823	Accidents	1970
			Accidents	1971
			Accidents	1972
27.7	57.3	7	Fatalities	1966
25.6	51.3	11	Fatalities	1967
28.8	55.6	10	Fatalities	1968
30.0	60.9	5	Fatalities	1969
26.2	51.5	10	Fatalities	1970
			Fatalities	1971
			Fatalities	1972
1188	6487	295	Injuries	1966
1823	6232	383	Injuries	1967
1933	6796	406	Injuries	1968
2113	7563	402	Injuries	1969
1948	6671	385	Injuries	1970
			Injuries	1971
			Injuries	1972
53.6*	21.0	56.9	Acc/R.V.	1966
51.6*	13.2	60.8	Acc/R.V.	1967
53.4*	12.7	57.5	Acc/R.V.	1968
54.6*	14.0	63.9	Acc/R.V.	1969
53.9*	11.5	73.6	Acc/R.V.	1970
			Acc/R.V.	1971
			Acc/R.V.	1972
16.1*	4.5	18.8	I.A./R.V.	1966
15.5*	4.0	22.4	I.A./R.V.	1967
16.5*	3.9	21.7	I.A./R.V.	1968
16.4*	4.6	21.9	I.A./R.V.	1969
15.8*	3.7	21.8	I.A./R.V.	1970
			I.A./R.V.	1971
			I.A./R.V.	1972
.570*	.267	.697	F.A./R.V.	1966
.620*	.332	.676	F.A./R.V.	1967
.602*	.318	.699	F.A./R.V.	1968
.612*	.320	.374	F.A./R.V.	1969
.554*	.282	.804	F.A./R.V.	1970
			F.A./R.V.	1971
			F.A./R.V.	1972
75.2	68.2	63.9	Acc/RV/RdM	1966
74.1	64.8	70.3	Acc/RV/RdM	1967
75.5	64.6	64.5	Acc/RV/RdM	1968
77.4	67.0	71.7	Acc/RV/RdM	1969
74.3	55.8	82.6	Acc/RV/RdM	1970
			Acc/RV/RdM	1971
			Acc/RV/RdM	1972
.778	.399	.782	FA/RV/RdM	1966
.757	.379	.759	FA/RV/RdM	1967
.760	.376	.785	FA/RV/RdM	1968
.785	.426	.421	FA/RV/RdM	1969
.684	.321	.903	FA/RV/RdM	1970
			FA/RV/RdM	1971
			FA/RV/RdM	1972
23.4	22.1	21.1	IA/RV/RdM	1966
22.7	21.9	25.2	IA/RV/RdM	1967
23.7	21.5	24.4	IA/RV/RdM	1968
23.8	22.7	24.6	IA/RV/RdM	1969
22.4	19.6	24.5	IA/RV/RdM	1970
			IA/RV/RdM	1971
			IA/RV/RdM	1972

*figures represent actual value times 10^3

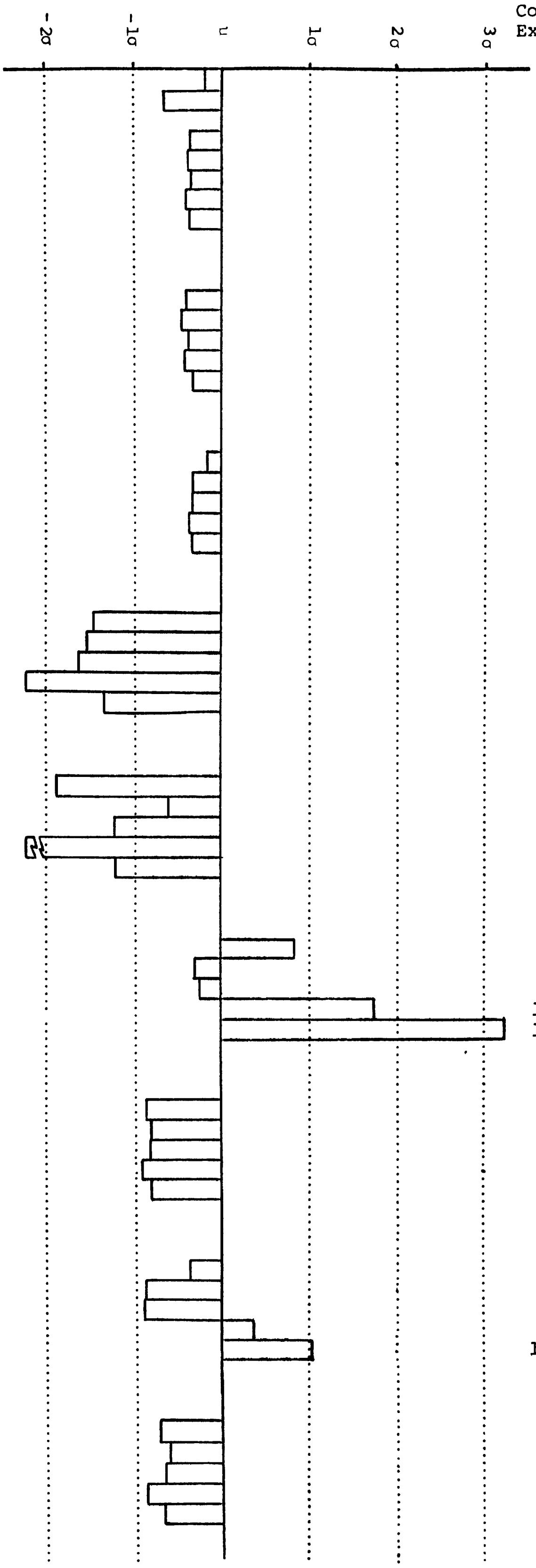
CLARE

State μ	State σ	County Experience		
399730	2940627	48555	Population	1970
1364.7	813.8	1288	Road Miles	1968
3649	13064	1177	Accidents	1966
3602	12490	1223	Accidents	1967
3680	13067	1308	Accidents	1968
3990	13689	1439	Accidents	1969
3780	11939	1290	Accidents	1970
			Accidents	1971
			Accidents	1972
27.7	57.3	15	Fatalities	1966
25.6	51.3	14	Fatalities	1967
28.8	55.6	29	Fatalities	1968
30.0	60.9	19	Fatalities	1969
26.2	51.5	20	Fatalities	1970
			Fatalities	1971
			Fatalities	1972
1188	6487	785	Injuries	1966
1823	6232	704	Injuries	1967
1933	6796	890	Injuries	1968
2113	7563	818	Injuries	1969
1948	6671	644	Injuries	1970
			Injuries	1971
			Injuries	1972
* 53.6	21.0	48.6	Acc/R.V.	1966
* 51.6	13.2	50.6	Acc/R.V.	1967
* 53.4	12.7	51.3	Acc/R.V.	1968
* 54.6	14.0	53.8	Acc/R.V.	1969
* 53.9	11.5	48.0	Acc/R.V.	1970
			Acc/R.V.	1971
			Acc/R.V.	1972
* 16.1	4.5	17.7	I.A./R.V.	1966
* 15.5	4.0	17.5	I.A./R.V.	1967
* 16.5	3.9	18.8	I.A./R.V.	1968
* 16.4	4.6	17.2	I.A./R.V.	1969
* 15.8	3.7	14.9	I.A./R.V.	1970
			I.A./R.V.	1971
			I.A./R.V.	1972
* .570	.267	.577	F.A./R.V.	1966
* .620	.332	.578	F.A./R.V.	1967
* .602	.318	.902	F.A./R.V.	1968
* .612	.320	.598	F.A./R.V.	1969
* .554	.282	.707	F.A./R.V.	1970
			F.A./R.V.	1971
			F.A./R.V.	1972
75.2	68.2	62.5	Acc/RV/RdM	1966
74.1	64.8	64.9	Acc/RV/RdM	1967
75.5	64.6	66.1	Acc/RV/RdM	1968
77.4	67.0	69.3	Acc/RV/RdM	1969
74.3	55.8	61.8	Acc/RV/RdM	1970
			Acc/RV/RdM	1971
			Acc/RV/RdM	1972
.778	.399	.743	FA/RV/RdM	1966
.757	.379	.744	FA/RV/RdM	1967
.760	.376	1.162	FA/RV/RdM	1968
.785	.426	.771	FA/RV/RdM	1969
.684	.321	.911	FA/RV/RdM	1970
			FA/RV/RdM	1971
			FA/RV/RdM	1972
23.4	22.1	22.8	IA/RV/RdM	1966
22.7	21.9	22.5	IA/RV/RdM	1967
23.7	21.5	24.2	IA/RV/RdM	1968
23.8	22.7	22.2	IA/RV/RdM	1969
22.4	19.6	19.2	IA/RV/RdM	1970
			IA/RV/RdM	1971
			IA/RV/RdM	1972



*figures represent actual value times 10^3

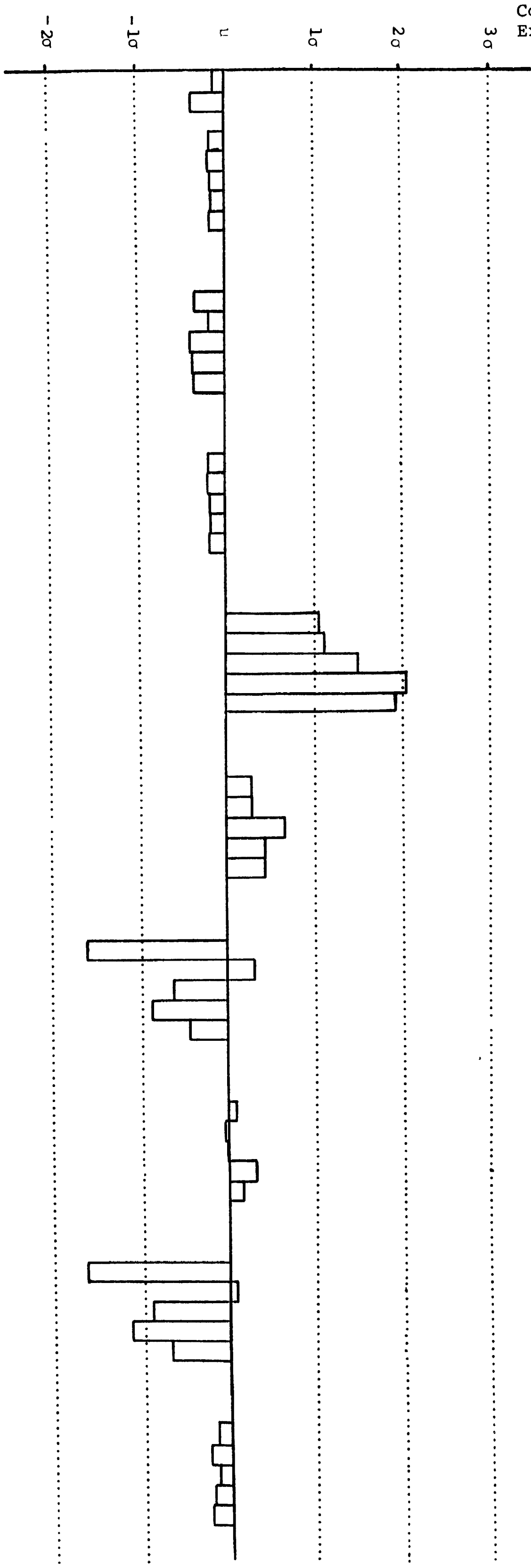
CRAWFORD



State μ	State σ	County Experience		
399730	2940627	6357	Population	1970
1364.7	813.8	808	Road Miles	1968
3649	13064	75	Accidents	1966
3602	12490	115	Accidents	1967
3680	13067	118	Accidents	1968
3990	13689	75	Accidents	1969
3780	11939	174	Accidents	1970
			Accidents	1971
			Accidents	1972
27.7	57.3	3	Fatalities	1966
25.6	51.3	2	Fatalities	1967
28.8	55.6	6	Fatalities	1968
30.0	60.9	5	Fatalities	1969
26.2	51.5	10	Fatalities	1970
			Fatalities	1971
			Fatalities	1972
1188	6487	56	Injuries	1966
1823	6232	84	Injuries	1967
1933	6796	70	Injuries	1968
2113	7563	41	Injuries	1969
1948	6671	82	Injuries	1970
			Injuries	1971
			Injuries	1972
53.6	21.0	20.2	Acc/R.V.	1966
51.6	13.2	30.6	Acc/R.V.	1967
53.4	12.7	31.1	Acc/R.V.	1968
*54.6	14.0	17.6	Acc/R.V.	1969
53.9	11.5	37.5	Acc/R.V.	1970
			Acc/R.V.	1971
			Acc/R.V.	1972
16.1	4.5	7.8	I.A./R.V.	1966
15.5	4.0	13.3	I.A./R.V.	1967
16.5	3.9	11.8	I.A./R.V.	1968
*16.4	4.6	4.7	I.A./R.V.	1969
15.8	3.7	11.4	I.A./R.V.	1970
			I.A./R.V.	1971
			I.A./R.V.	1972
.570	.267	.806	F.A./R.V.	1966
.620	.332	.531	F.A./R.V.	1967
.602	.318	.526	F.A./R.V.	1968
*.612	.320	1.174	F.A./R.V.	1969
.554	.282	1.507	F.A./R.V.	1970
			F.A./R.V.	1971
			F.A./R.V.	1972
75.2	68.2	16.3	Acc/RV/RdM	1966
74.1	64.8	24.9	Acc/RV/RdM	1967
75.5	64.6	25.0	Acc/RV/RdM	1968
77.4	67.0	14.2	Acc/RV/RdM	1969
74.3	55.8	30.2	Acc/RV/RdM	1970
			Acc/RV/RdM	1971
			Acc/RV/RdM	1972
.778	.399	.651	FA/RV/RdM	1966
.757	.379	.429	FA/RV/RdM	1967
.760	.376	.425	FA/RV/RdM	1968
.785	.426	.949	FA/RV/RdM	1969
.684	.321	1.218	FA/RV/RdM	1970
			FA/RV/RdM	1971
			FA/RV/RdM	1972
23.4	22.1	6.3	IA/RV/RdM	1966
22.7	21.9	10.8	IA/RV/RdM	1967
23.7	21.5	9.5	IA/RV/RdM	1968
23.8	22.7	3.8	IA/RV/RdM	1969
22.4	19.6	9.2	IA/RV/RdM	1970
			IA/RV/RdM	1971
			IA/RV/RdM	1972

*figures represent actual value times 10^3

DELTA

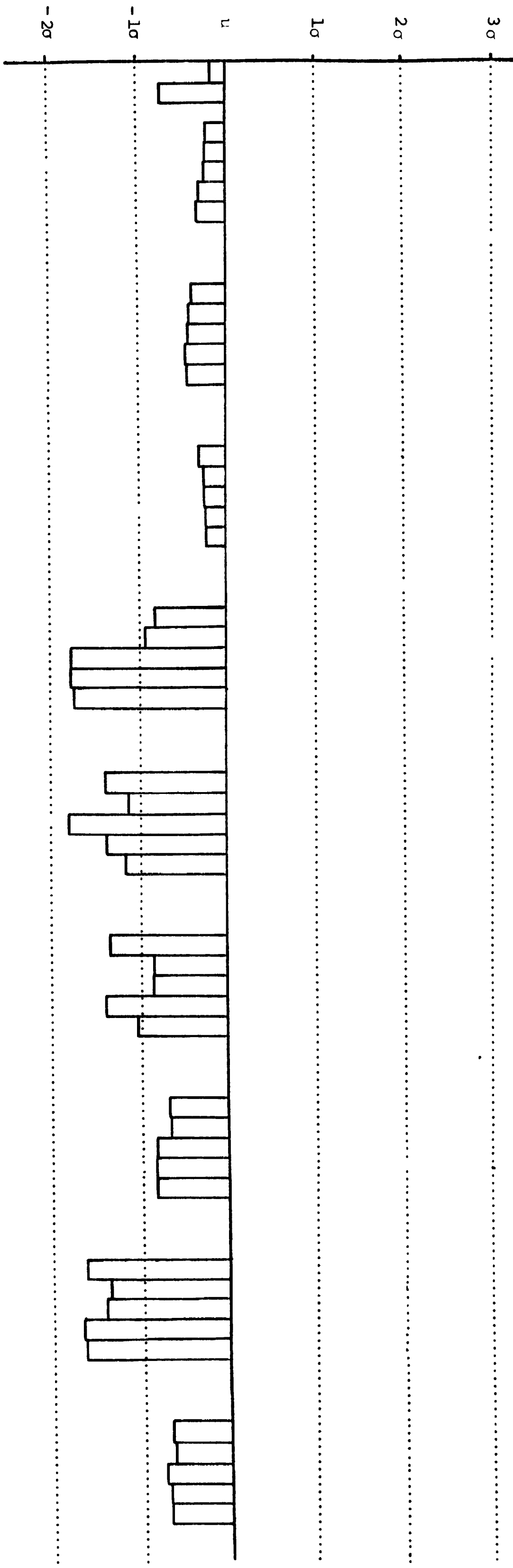


State μ	State σ	County Experience		
399730	2940627	34265	Population	1970
1364.7	813.8	1075	Road Miles	1968
3649	13064	1425	Accidents	1966
3602	12490	1289	Accidents	1967
3680	13067	1504	Accidents	1968
3990	13689	1778	Accidents	1969
3780	11939	1748	Accidents	1970
			Accidents	1971
			Accidents	1972
27.7	57.3	9	Fatalities	1966
25.6	51.3	15	Fatalities	1967
28.8	55.6	8	Fatalities	1968
30.0	60.9	7	Fatalities	1969
26.2	51.5	10	Fatalities	1970
			Fatalities	1971
			Fatalities	1972
1188	6487	536	Injuries	1966
1823	6232	536	Injuries	1967
1933	6796	618	Injuries	1968
2113	7563	652	Injuries	1969
1948	6671	627	Injuries	1970
			Injuries	1971
			Injuries	1972
*53.6	21.0	74.8	Acc/R.V.	1966
*51.6	13.2	67.5	Acc/R.V.	1967
*53.4	12.7	75.5	Acc/R.V.	1968
*54.6	14.0	82.9	Acc/R.V.	1969
*53.9	11.5	76.4	Acc/R.V.	1970
			Acc/R.V.	1971
			Acc/R.V.	1972
*16.1	4.5	17.3	I.A./R.V.	1966
*15.5	4.0	16.6	I.A./R.V.	1967
*16.5	3.9	19.1	I.A./R.V.	1968
*16.4	4.6	18.6	I.A./R.V.	1969
*15.8	3.7	17.5	I.A./R.V.	1970
			I.A./R.V.	1971
			I.A./R.V.	1972
*.570	.267	.157	F.A./R.V.	1966
*.620	.332	.733	F.A./R.V.	1967
*.602	.318	.401	F.A./R.V.	1968
*.612	.320	.326	F.A./R.V.	1969
*.554	.282	.437	F.A./R.V.	1970
			F.A./R.V.	1971
			F.A./R.V.	1972
75.2	68.2	80.4	Acc/RV/RdM	1966
74.1	64.8	72.7	Acc/RV/RdM	1967
75.5	64.6	75.4	Acc/RV/RdM	1968
77.4	67.0	89.2	Acc/RV/RdM	1969
74.3	55.8	82.1	Acc/RV/RdM	1970
			Acc/RV/RdM	1971
			Acc/RV/RdM	1972
.778	.399	.169	FA/RV/RdM	1966
.757	.379	.788	FA/RV/RdM	1967
.760	.376	.431	FA/RV/RdM	1968
.785	.426	.351	FA/RV/RdM	1969
.684	.321	.470	FA/RV/RdM	1970
			FA/RV/RdM	1971
			FA/RV/RdM	1972
23.4	22.1	18.6	IA/RV/RdM	1966
22.7	21.9	17.9	IA/RV/RdM	1967
23.7	21.5	20.5	IA/RV/RdM	1968
23.8	22.7	20.0	IA/RV/RdM	1969
22.4	19.6	18.8	IA/RV/RdM	1970
			IA/RV/RdM	1971
			IA/RV/RdM	1972

*figures represent actual value times 10^3

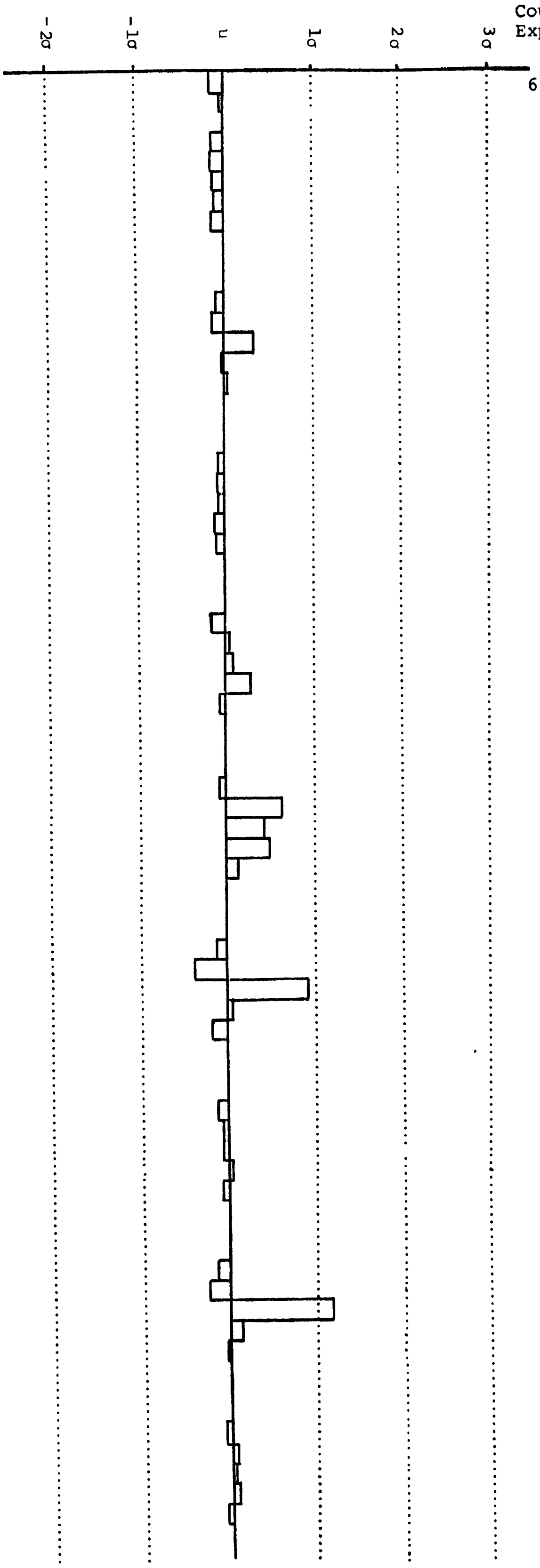
DICKINSON

State μ	State σ	County Experience		
399730	2940627	23500	Population	1970
1364.7	813.8	758	Road Miles	1968
3649	13064	530	Accidents	1966
3602	12490	554	Accidents	1967
3680	13067	457	Accidents	1968
3990	13689	479	Accidents	1969
3780	11939	562	Accidents	1970
			Accidents	1971
			Accidents	1972
27.7	57.3	5	Fatalities	1966
25.6	51.3	5	Fatalities	1967
28.8	55.6	6	Fatalities	1968
30.0	60.9	3	Fatalities	1969
26.2	51.5	5	Fatalities	1970
			Fatalities	1971
			Fatalities	1972
1188	6487	226	Injuries	1966
1823	6232	255	Injuries	1967
1933	6796	237	Injuries	1968
2113	7563	250	Injuries	1969
1948	6671	328	Injuries	1970
			Injuries	1971
			Injuries	1972
53.6*	21.0	36.1	Acc/R.V.	1966
51.6*	13.2	38.4	Acc/R.V.	1967
53.4*	12.7	30.5	Acc/R.V.	1968
54.6*	14.0	30.9	Acc/R.V.	1969
53.9*	11.5	34.9	Acc/R.V.	1970
			Acc/R.V.	1971
			Acc/R.V.	1972
16.1*	4.5	10.0	I.A./R.V.	1966
15.5*	4.0	11.1	I.A./R.V.	1967
16.5*	3.9	9.9	I.A./R.V.	1968
16.4*	4.6	10.1	I.A./R.V.	1969
15.8*	3.7	11.6	I.A./R.V.	1970
			I.A./R.V.	1971
			I.A./R.V.	1972
.570*	.267	.204	F.A./R.V.	1966
.620*	.332	.346	F.A./R.V.	1967
.602*	.318	.333	F.A./R.V.	1968
.612*	.320	.193	F.A./R.V.	1969
.554*	.282	.248	F.A./R.V.	1970
			F.A./R.V.	1971
			F.A./R.V.	1972
75.2	68.2	27.4	Acc/RV/RdM	1966
74.1	64.8	28.5	Acc/RV/RdM	1967
75.5	64.6	23.1	Acc/RV/RdM	1968
77.4	67.0	23.4	Acc/RV/RdM	1969
74.3	55.8	26.4	Acc/RV/RdM	1970
			Acc/RV/RdM	1971
			Acc/RV/RdM	1972
.778	.399	.155	FA/RV/RdM	1966
.757	.379	.262	FA/RV/RdM	1967
.760	.376	.252	FA/RV/RdM	1968
.785	.426	.147	FA/RV/RdM	1969
.684	.321	.188	FA/RV/RdM	1970
			FA/RV/RdM	1971
			FA/RV/RdM	1972
23.4	22.1	7.6	IA/RV/RdM	1966
22.7	21.9	8.4	IA/RV/RdM	1967
23.7	21.5	7.5	IA/RV/RdM	1968
23.8	22.7	7.7	IA/RV/RdM	1969
22.4	19.6	8.8	IA/RV/RdM	1970
			IA/RV/RdM	1971
			IA/RV/RdM	1972



*figures represent actual value times 10^3

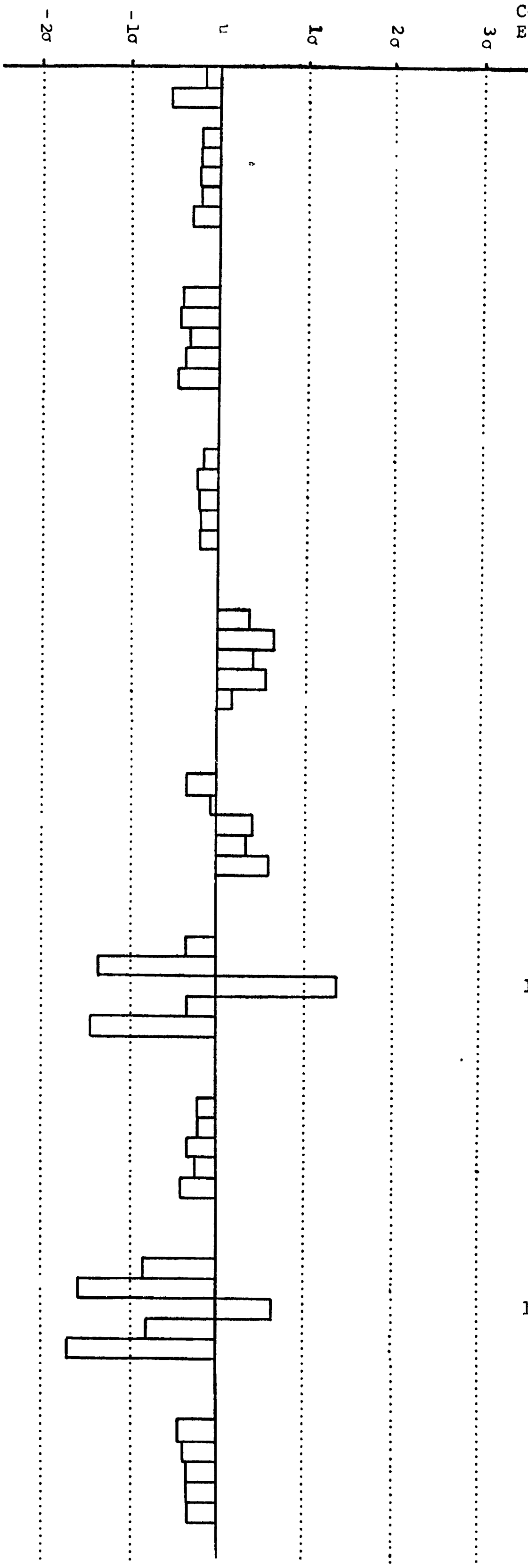
EATON



State μ	State σ	County Experience		
399730	2940627	68352	Population	1970
1364.7	813.8	1348	Road Miles	1968
3649	13064	1694	Accidents	1966
3602	12490	1793	Accidents	1967
3680	13067	1988	Accidents	1968
3990	13689	2318	Accidents	1969
3780	11939	2198	Accidents	1970
			Accidents	1971
			Accidents	1972
27.7	57.3	23	Fatalities	1966
25.6	51.3	17	Fatalities	1967
28.8	55.6	48	Fatalities	1968
30.0	60.9	27	Fatalities	1969
26.2	51.5	28	Fatalities	1970
			Fatalities	1971
			Fatalities	1972
1188	6487	905	Injuries	1966
1823	6232	1033	Injuries	1967
1933	6796	1129	Injuries	1968
2113	7563	1270	Injuries	1969
1948	6671	1172	Injuries	1970
			Injuries	1971
			Injuries	1972
*53.6	21.0	50.6	Acc/R.V.	1966
*51.6	13.2	52.5	Acc/R.V.	1967
*53.4	12.7	54.8	Acc/R.V.	1968
*54.6	14.0	59.1	Acc/R.V.	1969
*53.9	11.5	52.9	Acc/R.V.	1970
			Acc/R.V.	1971
			Acc/R.V.	1972
*16.1	4.5	15.8	I.A./R.V.	1966
*15.5	4.0	18.1	I.A./R.V.	1967
*16.5	3.9	18.3	I.A./R.V.	1968
*16.4	4.6	18.9	I.A./R.V.	1969
*15.8	3.7	16.2	I.A./R.V.	1970
			I.A./R.V.	1971
			I.A./R.V.	1972
*.570	.267	.537	F.A./R.V.	1966
*.620	.332	.497	F.A./R.V.	1967
*.602	.318	.909	F.A./R.V.	1968
*.612	.320	.611	F.A./R.V.	1969
*.554	.282	.505	F.A./R.V.	1970
			F.A./R.V.	1971
			F.A./R.V.	1972
75.2	68.2	68.1	Acc/RV/RdM	1966
74.1	64.8	72.1	Acc/RV/RdM	1967
75.5	64.6	73.8	Acc/RV/RdM	1968
77.4	67.0	79.6	Acc/RV/RdM	1969
74.3	55.8	71.3	Acc/RV/RdM	1970
			Acc/RV/RdM	1971
			Acc/RV/RdM	1972
.778	.399	.724	FA/RV/RdM	1966
.757	.379	.670	FA/RV/RdM	1967
.760	.376	1.225	FA/RV/RdM	1968
.785	.426	.824	FA/RV/RdM	1969
.684	.321	.681	FA/RV/RdM	1970
			FA/RV/RdM	1971
			FA/RV/RdM	1972
23.4	22.1	21.3	IA/RV/RdM	1966
22.7	21.9	24.4	IA/RV/RdM	1967
23.7	21.5	24.7	IA/RV/RdM	1968
23.8	22.7	25.5	IA/RV/RdM	1969
22.4	19.6	21.8	IA/RV/RdM	1970
			IA/RV/RdM	1971
			IA/RV/RdM	1972

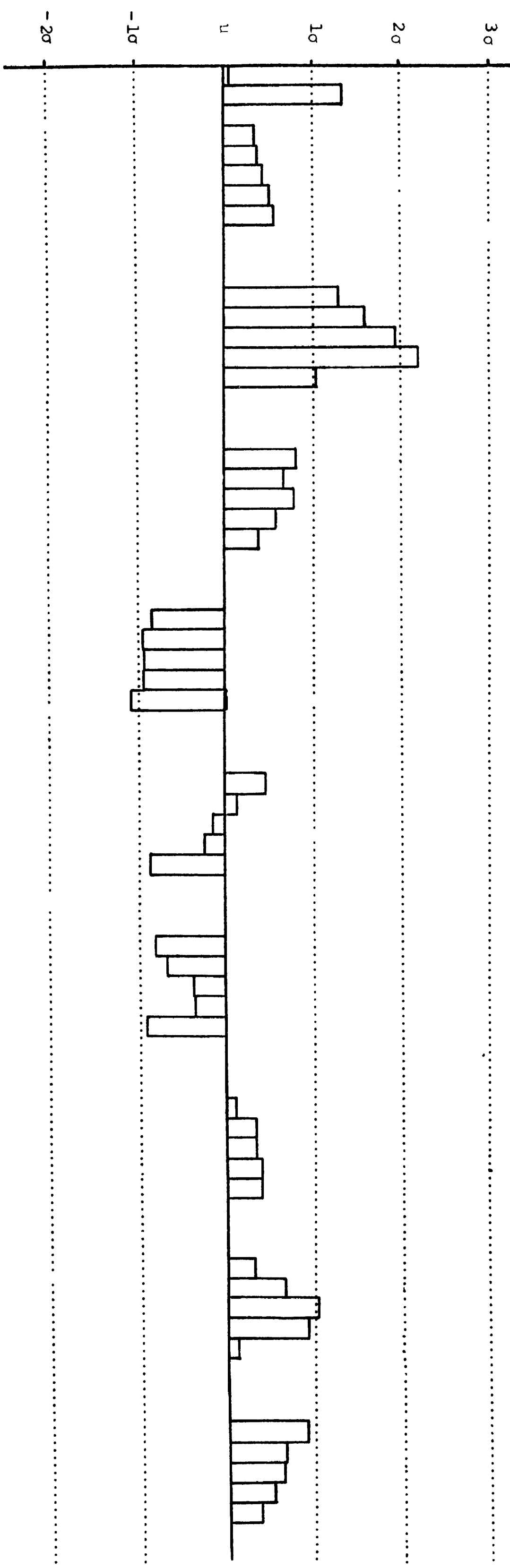
*figures represent actual value times 10^3

EMMET



State μ	State σ	County Experience		
399730	2940627	17518	Population	1970
1364.7	813.8	953	Road Miles	1968
3649	13064	660	Accidents	1966
3602	12490	652	Accidents	1967
3680	13067	669	Accidents	1968
3990	13689	736	Accidents	1969
3780	11939	709	Accidents	1970
			Accidents	1971
			Accidents	1972
27.7	57.3	5	Fatalities	1966
25.6	51.3	4	Fatalities	1967
28.8	55.6	13	Fatalities	1968
30.0	60.9	8	Fatalities	1969
26.2	51.5	3	Fatalities	1970
			Fatalities	1971
			Fatalities	1972
1188	6487	230	Injuries	1966
1823	6232	270	Injuries	1967
1933	6796	331	Injuries	1968
2113	7563	343	Injuries	1969
1948	6671	350	Injuries	1970
			Injuries	1971
			Injuries	1972
*53.6	21.0	63.2	Acc/R.V.	1966
*51.6	13.2	60.1	Acc/R.V.	1967
*53.4	12.7	59.2	Acc/R.V.	1968
*54.6	14.0	63.8	Acc/R.V.	1969
*53.9	11.5	55.3	Acc/R.V.	1970
			Acc/R.V.	1971
			Acc/R.V.	1972
*16.1	4.5	14.7	I.A./R.V.	1966
*15.5	4.0	15.3	I.A./R.V.	1967
*16.5	3.9	18.3	I.A./R.V.	1968
*16.4	4.6	18.1	I.A./R.V.	1969
*15.8	3.7	18.0	I.A./R.V.	1970
			I.A./R.V.	1971
			I.A./R.V.	1972
*.570	.267	.478	F.A./R.V.	1966
*.620	.332	.184	F.A./R.V.	1967
*.602	.318	1.061	F.A./R.V.	1968
*.612	.320	.520	F.A./R.V.	1969
*.554	.282	.155	F.A./R.V.	1970
			F.A./R.V.	1971
			F.A./R.V.	1972
75.2	68.2	60.2	Acc/RV/RdM	1966
74.1	64.8	59.4	Acc/RV/RdM	1967
75.5	64.6	56.3	Acc/RV/RdM	1968
77.4	67.0	60.8	Acc/RV/RdM	1969
74.3	55.8	52.6	Acc/RV/RdM	1970
			Acc/RV/RdM	1971
			Acc/RV/RdM	1972
.778	.399	.456	FA/RV/RdM	1966
.757	.379	.175	FA/RV/RdM	1967
.760	.376	1.011	FA/RV/RdM	1968
.785	.426	.496	FA/RV/RdM	1969
.684	.321	.148	FA/RV/RdM	1970
			FA/RV/RdM	1971
			FA/RV/RdM	1972
23.4	22.1	14.0	IA/RV/RdM	1966
22.7	21.9	14.6	IA/RV/RdM	1967
23.7	21.5	17.4	IA/RV/RdM	1968
23.8	22.7	17.3	IA/RV/RdM	1969
22.4	19.6	17.2	IA/RV/RdM	1970
			IA/RV/RdM	1971
			IA/RV/RdM	1972

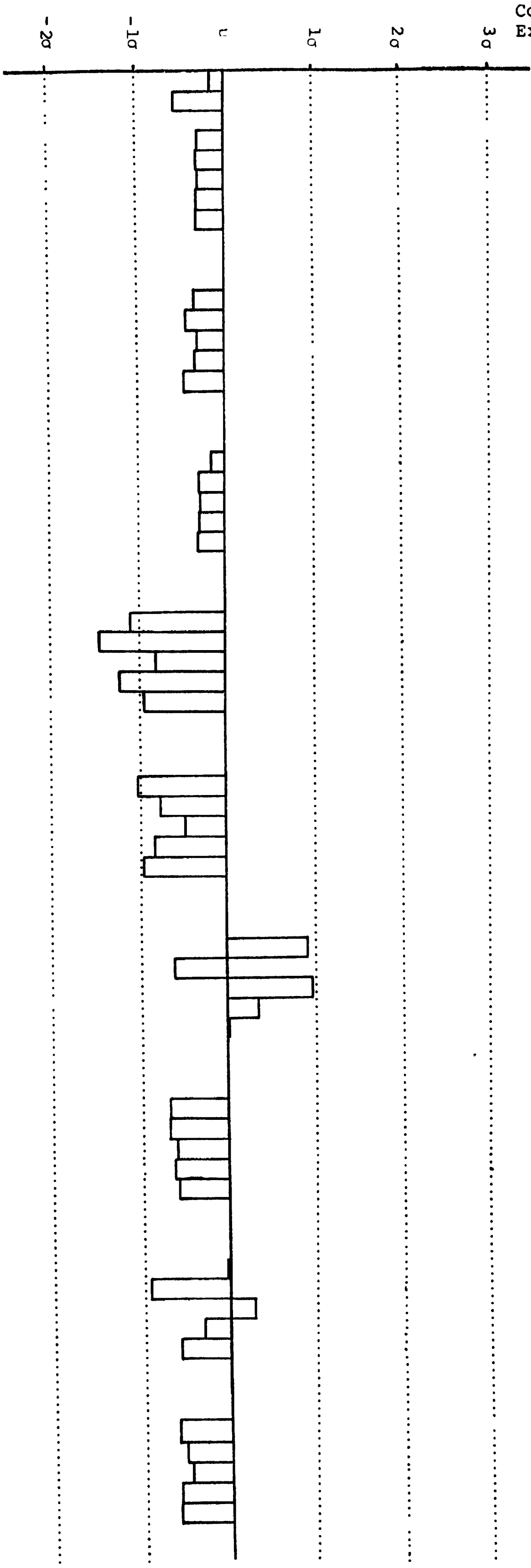
*figures represent actual value times 10^3



State μ	State σ	County Experience		
399730	2940627	441666	Population	1970
1364.7	813.8	2432	Road Miles	1968
3649	13064	8168	Accidents	1966
3602	12490	8960	Accidents	1967
3680	13067	10165	Accidents	1968
3990	13689	11194	Accidents	1969
3780	11939	11179	Accidents	1970
			Accidents	1971
			Accidents	1972
27.7	57.3	101	Fatalities	1966
25.6	51.3	109	Fatalities	1967
28.8	55.6	136	Fatalities	1968
30.0	60.9	163	Fatalities	1969
26.2	51.5	91	Fatalities	1970
			Fatalities	1971
			Fatalities	1972
1188	6487	7103	Injuries	1966
1823	6232	6168	Injuries	1967
1933	6796	6413	Injuries	1968
2113	7563	6945	Injuries	1969
1948	6671	5366	Injuries	1970
			Injuries	1971
			Injuries	1972
*53.6	21.0	34.7	Acc/R.V.	1966
*51.6	13.2	38.2	Acc/R.V.	1967
*53.4	12.7	41.0	Acc/R.V.	1968
*54.6	14.0	41.9	Acc/R.V.	1969
*53.9	11.5	41.3	Acc/R.V.	1970
			Acc/R.V.	1971
			Acc/R.V.	1972
*16.1	4.5	18.3	I.A./R.V.	1966
*15.5	4.0	16.0	I.A./R.V.	1967
*16.5	3.9	15.9	I.A./R.V.	1968
*16.4	4.6	15.4	I.A./R.V.	1969
*15.8	3.7	12.5	I.A./R.V.	1970
			I.A./R.V.	1971
			I.A./R.V.	1972
*.570	.267	.365	F.A./R.V.	1966
*.620	.332	.426	F.A./R.V.	1967
*.602	.318	.471	F.A./R.V.	1968
*.612	.320	.494	F.A./R.V.	1969
*.554	.282	.299	F.A./R.V.	1970
			F.A./R.V.	1971
			F.A./R.V.	1972
75.2	68.2	84.4	Acc/RV/RdM	1966
74.1	64.8	92.6	Acc/RV/RdM	1967
75.5	64.6	99.6	Acc/RV/RdM	1968
77.4	67.0	102.0	Acc/RV/RdM	1969
74.3	55.8	100.4	Acc/RV/RdM	1970
			Acc/RV/RdM	1971
			Acc/RV/RdM	1972
.778	.399	.888	FA/RV/RdM	1966
.757	.379	1.036	FA/RV/RdM	1967
.760	.376	1.145	FA/RV/RdM	1968
.785	.426	1.203	FA/RV/RdM	1969
.684	.321	.727	FA/RV/RdM	1970
			FA/RV/RdM	1971
			FA/RV/RdM	1972
23.4	22.1	44.5	IA/RV/RdM	1966
22.7	21.9	38.9	IA/RV/RdM	1967
23.7	21.5	38.7	IA/RV/RdM	1968
23.8	22.7	37.5	IA/RV/RdM	1969
22.4	19.6	30.4	IA/RV/RdM	1970
			IA/RV/RdM	1971
			IA/RV/RdM	1972

*figures represent actual value times 10^3

GLADWIN



State μ	State σ	County Experience		
399730	2940627	12747	Population	1970
1364.7	813.8	935	Road Miles	1968
3649	13064	231	Accidents	1966
3602	12490	234	Accidents	1967
3680	13067	326	Accidents	1968
3990	13689	316	Accidents	1969
3780	11939	409	Accidents	1970
			Accidents	1971
			Accidents	1972
27.7	57.3	8	Fatalities	1966
25.6	51.3	4	Fatalities	1967
28.8	55.6	13	Fatalities	1968
30.0	60.9	11	Fatalities	1969
26.2	51.5	5	Fatalities	1970
			Fatalities	1971
			Fatalities	1972
1188	6487	185	Injuries	1966
1823	6232	162	Injuries	1967
1933	6796	206	Injuries	1968
2113	7563	170	Injuries	1969
1948	6671	161	Injuries	1970
			Injuries	1971
			Injuries	1972
53.6	21.0	31.7	Acc/R.V.	1966
51.6	13.2	32.6	Acc/R.V.	1967
53.4	12.7	42.8	Acc/R.V.	1968
*54.6	14.0	38.6	Acc/R.V.	1969
53.9	11.5	45.5	Acc/R.V.	1970
			Acc/R.V.	1971
			Acc/R.V.	1972
16.1	4.5	11.5	I.A./R.V.	1966
15.5	4.0	12.5	I.A./R.V.	1967
16.5	3.9	14.6	I.A./R.V.	1968
*16.4	4.6	12.6	I.A./R.V.	1969
15.8	3.7	12.2	I.A./R.V.	1970
			I.A./R.V.	1971
			I.A./R.V.	1972
.570	.267	.823	F.A./R.V.	1966
.620	.332	.417	F.A./R.V.	1967
.602	.318	.917	F.A./R.V.	1968
*.612	.320	.731	F.A./R.V.	1969
.554	.282	.555	F.A./R.V.	1970
			F.A./R.V.	1971
			F.A./R.V.	1972
75.2	68.2	29.6	Acc/RV/RdM	1966
74.1	64.8	30.4	Acc/RV/RdM	1967
75.5	64.6	39.9	Acc/RV/RdM	1968
77.4	67.0	36.0	Acc/RV/RdM	1969
74.3	55.8	42.5	Acc/RV/RdM	1970
			Acc/RV/RdM	1971
			Acc/RV/RdM	1972
.778	.399	.770	FA/RV/RdM	1966
.757	.379	.390	FA/RV/RdM	1967
.760	.376	.857	FA/RV/RdM	1968
.785	.426	.684	FA/RV/RdM	1969
.684	.321	.519	FA/RV/RdM	1970
			FA/RV/RdM	1971
			FA/RV/RdM	1972
23.4	22.1	10.8	IA/RV/RdM	1966
22.7	21.9	11.7	IA/RV/RdM	1967
23.7	21.5	13.7	IA/RV/RdM	1968
23.8	22.7	11.8	IA/RV/RdM	1969
22.4	19.6	11.4	IA/RV/RdM	1970
			IA/RV/RdM	1971
			IA/RV/RdM	1972

*figures represent actual value times 10^3

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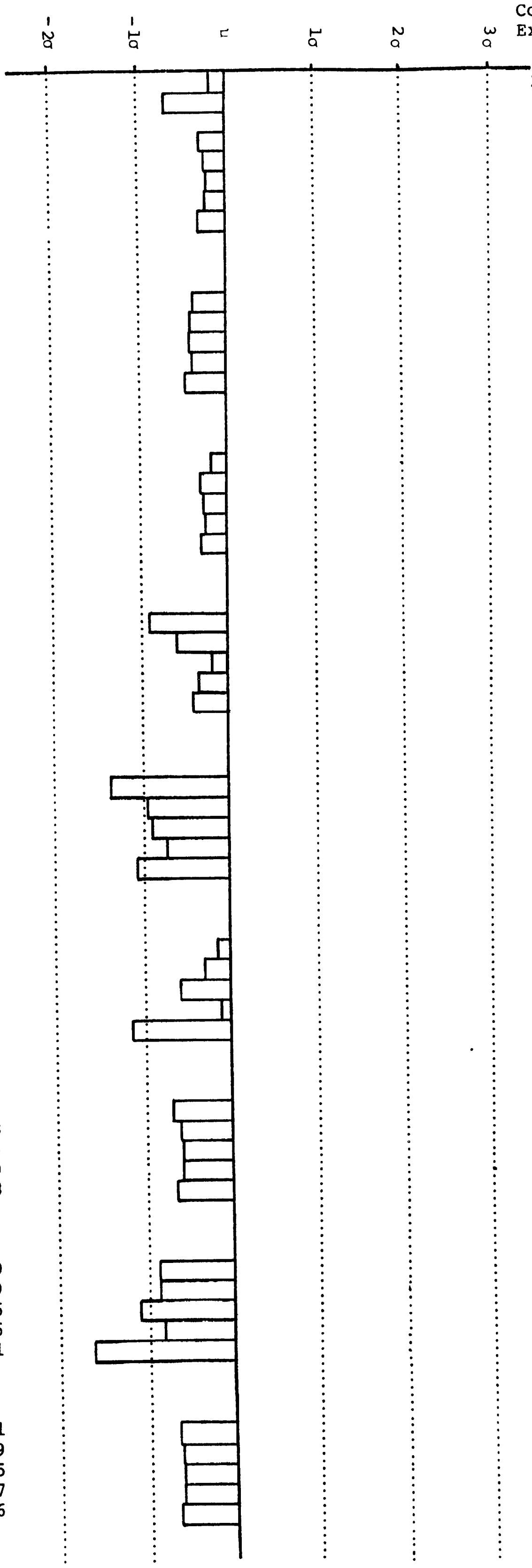
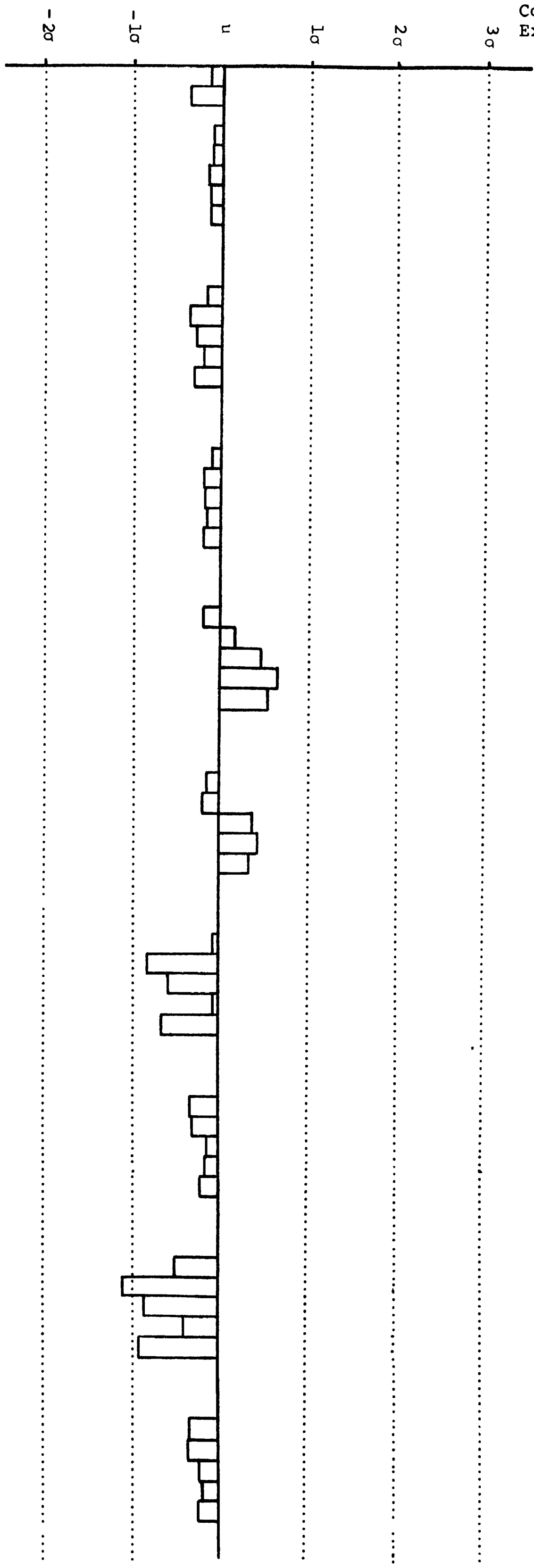


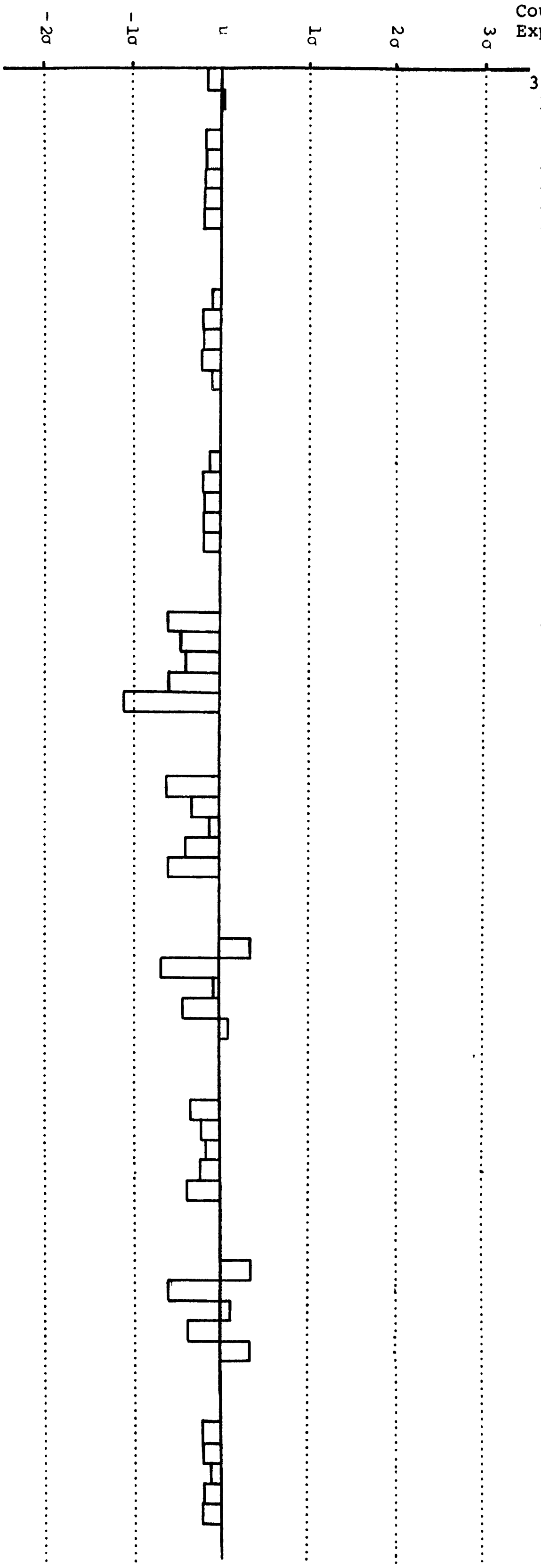
State μ	State σ	County Experience		
399730	2940627	20116	Population	1970
1364.7	813.8	809	Road Miles	1968
3649	13064	379	Accidents	1966
3602	12490	492	Accidents	1967
3680	13067	602	Accidents	1968
3990	13689	608	Accidents	1969
3780	11939	607	Accidents	1970
			Accidents	1971
			Accidents	1972
27.7	57.3	8	Fatalities	1966
25.6	51.3	6	Fatalities	1967
28.8	55.6	7	Fatalities	1968
30.0	60.9	7	Fatalities	1969
26.2	51.5	4	Fatalities	1970
			Fatalities	1971
			Fatalities	1972
1188	6487	190	Injuries	1966
1823	6232	195	Injuries	1967
1933	6796	239	Injuries	1968
2113	7563	258	Injuries	1969
1948	6671	225	Injuries	1970
			Injuries	1971
			Injuries	1972
*53.6	21.0	33.2	Acc/R.V.	1966
*51.6	13.2	43.4	Acc/R.V.	1967
*53.4	12.7	51.5	Acc/R.V.	1968
*54.6	14.0	50.9	Acc/R.V.	1969
*53.9	11.5	48.8	Acc/R.V.	1970
			Acc/R.V.	1971
			Acc/R.V.	1972
*16.1	4.5	10.1	I.A./R.V.	1966
*15.5	4.0	11.7	I.A./R.V.	1967
*16.5	3.9	13.0	I.A./R.V.	1968
*16.4	4.6	13.0	I.A./R.V.	1969
*15.8	3.7	11.9	I.A./R.V.	1970
			I.A./R.V.	1971
			I.A./R.V.	1972
*.570	.267	.525	F.A./R.V.	1966
*.620	.332	.528	F.A./R.V.	1967
*.602	.318	.427	F.A./R.V.	1968
*.612	.320	.586	F.A./R.V.	1969
*.554	.282	.241	F.A./R.V.	1970
			F.A./R.V.	1971
			F.A./R.V.	1972
75.2	68.2	26.8	Acc/RV/RdM	1966
74.1	64.8	35.0	Acc/RV/RdM	1967
75.5	64.6	41.6	Acc/RV/RdM	1968
77.4	67.0	41.2	Acc/RV/RdM	1969
74.3	55.8	39.4	Acc/RV/RdM	1970
			Acc/RV/RdM	1971
			Acc/RV/RdM	1972
.778	.399	.425	FA/RV/RdM	1966
.757	.379	.427	FA/RV/RdM	1967
.760	.376	.345	FA/RV/RdM	1968
.785	.426	.474	FA/RV/RdM	1969
.684	.321	.195	FA/RV/RdM	1970
			FA/RV/RdM	1971
			FA/RV/RdM	1972
23.4	22.1	8.2	IA/RV/RdM	1966
22.7	21.9	9.5	IA/RV/RdM	1967
23.7	21.5	10.5	IA/RV/RdM	1968
23.8	22.7	10.5	IA/RV/RdM	1969
22.4	19.6	9.6	IA/RV/RdM	1970
			IA/RV/RdM	1971
			IA/RV/RdM	1972

*figures represent actual value times 10^3



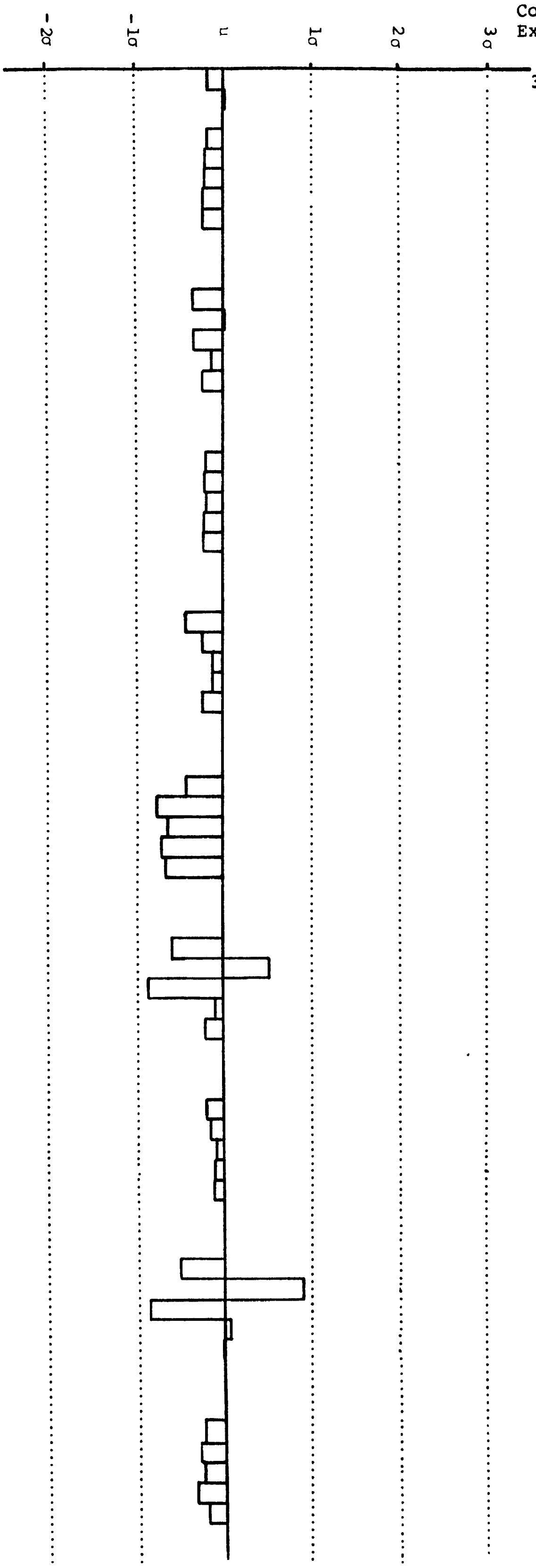
State μ	State σ	County Experience		
399730	2940627	38359	Population	1970
1364.7	813.8	1048	Road Miles	1968
3649	13064	1158	Accidents	1966
3602	12490	1306	Accidents	1967
3680	13067	1582	Accidents	1968
3990	13689	1824	Accidents	1969
3780	11939	1849	Accidents	1970
			Accidents	1971
			Accidents	1972
27.7	57.3	17	Fatalities	1966
25.6	51.3	8	Fatalities	1967
28.8	55.6	14	Fatalities	1968
30.0	60.9	18	Fatalities	1969
26.2	51.5	12	Fatalities	1970
			Fatalities	1971
			Fatalities	1972
1188	6487	572	Injuries	1966
1823	6232	575	Injuries	1967
1933	6796	718	Injuries	1968
2113	7563	823	Injuries	1969
1948	6671	809	Injuries	1970
			Injuries	1971
			Injuries	1972
53.6	21.0	49.2	Acc/R.V.	1966
51.6	13.2	53.1	Acc/R.V.	1967
53.4	12.7	60.5	Acc/R.V.	1968
* 54.6	14.0	64.5	Acc/R.V.	1969
53.9	11.5	60.0	Acc/R.V.	1970
			Acc/R.V.	1971
			Acc/R.V.	1972
16.1	4.5	15.6	I.A./R.V.	1966
15.5	4.0	14.8	I.A./R.V.	1967
16.5	3.9	18.0	I.A./R.V.	1968
* 16.4	4.6	18.6	I.A./R.V.	1969
15.8	3.7	17.0	I.A./R.V.	1970
			I.A./R.V.	1971
			I.A./R.V.	1972
.570	.267	.552	F.A./R.V.	1966
.620	.332	.325	F.A./R.V.	1967
.602	.318	.420	F.A./R.V.	1968
* .612	.320	.600	F.A./R.V.	1969
.554	.282	.357	F.A./R.V.	1970
			F.A./R.V.	1971
			F.A./R.V.	1972
75.2	68.2	51.6	Acc/RV/RdM	1966
74.1	64.8	55.6	Acc/RV/RdM	1967
75.5	64.6	63.3	Acc/RV/RdM	1968
77.4	67.0	67.5	Acc/RV/RdM	1969
74.3	55.8	62.9	Acc/RV/RdM	1970
			Acc/RV/RdM	1971
			Acc/RV/RdM	1972
.778	.399	.578	FA/RV/RdM	1966
.757	.379	.341	FA/RV/RdM	1967
.760	.376	.440	FA/RV/RdM	1968
.785	.426	.630	FA/RV/RdM	1969
.684	.321	.374	FA/RV/RdM	1970
			FA/RV/RdM	1971
			FA/RV/RdM	1972
23.4	22.1	16.4	IA/RV/RdM	1966
22.7	21.9	15.5	IA/RV/RdM	1967
23.7	21.5	18.9	IA/RV/RdM	1968
23.8	22.7	19.5	IA/RV/RdM	1969
22.4	19.6	17.8	IA/RV/RdM	1970
			IA/RV/RdM	1971
			IA/RV/RdM	1972

*figures represent actual value times 10^3



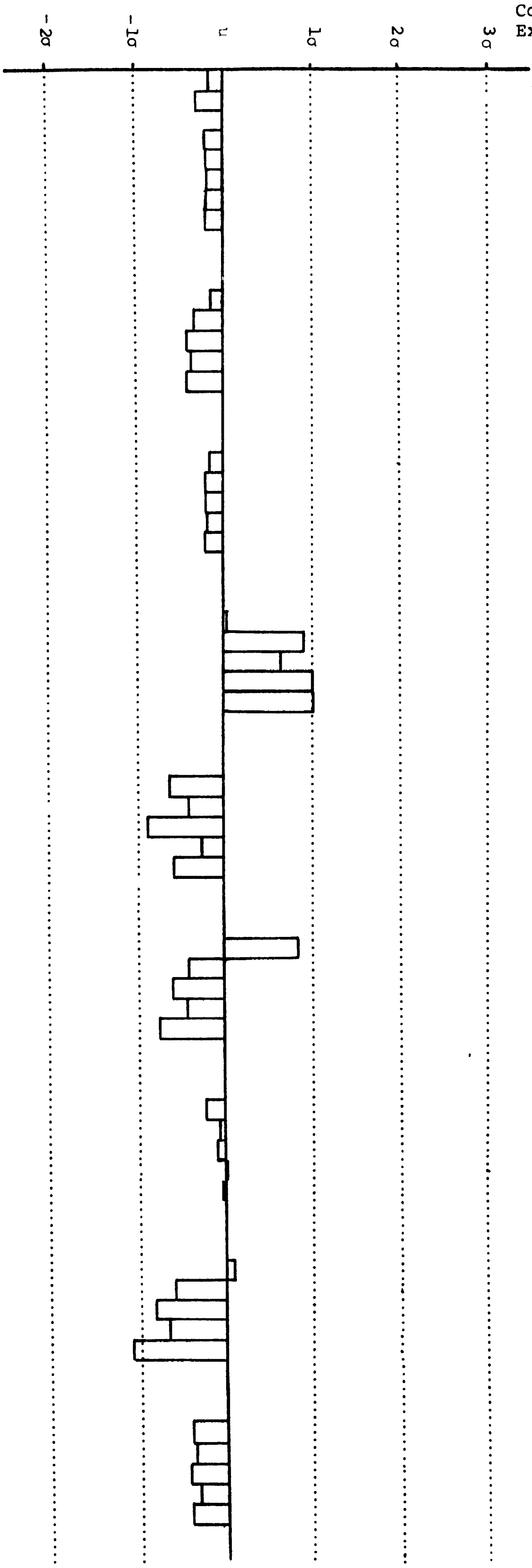
State μ	State σ	County Experience		
399730	2940627	38731	Population	1970
1364.7	813.8	1371	Road Miles	1968
3649	13064	997	Accidents	1966
3602	12490	1101	Accidents	1967
3680	13067	1202	Accidents	1968
3990	13689	1237	Accidents	1969
3780	11939	1159	Accidents	1970
			Accidents	1971
			Accidents	1972
27.7	57.3	22	Fatalities	1966
25.6	51.3	15	Fatalities	1967
28.8	55.6	18	Fatalities	1968
30.0	60.9	16	Fatalities	1969
26.2	51.5	21	Fatalities	1970
			Fatalities	1971
			Fatalities	1972
1188	6487	515	Injuries	1966
1823	6232	578	Injuries	1967
1933	6796	727	Injuries	1968
2113	7563	685	Injuries	1969
1948	6671	673	Injuries	1970
			Injuries	1971
			Injuries	1972
*53.6	21.0	40.8	Acc/R.V.	1966
*51.6	13.2	44.6	Acc/R.V.	1967
*53.4	12.7	47.1	Acc/R.V.	1968
*54.6	14.0	46.1	Acc/R.V.	1969
*53.9	11.5	41.0	Acc/R.V.	1970
			Acc/R.V.	1971
			Acc/R.V.	1972
*16.1	4.5	13.4	I.A./R.V.	1966
*15.5	4.0	14.3	I.A./R.V.	1967
*16.5	3.9	16.0	I.A./R.V.	1968
*16.4	4.6	14.6	I.A./R.V.	1969
*15.8	3.7	13.7	I.A./R.V.	1970
			I.A./R.V.	1971
			I.A./R.V.	1972
*.570	.267	.653	F.A./R.V.	1966
*.620	.332	.405	F.A./R.V.	1967
*.602	.318	.588	F.A./R.V.	1968
*.612	.320	.484	F.A./R.V.	1969
*.554	.282	.566	F.A./R.V.	1970
			F.A./R.V.	1971
			F.A./R.V.	1972
75.2	68.2	55.9	Acc/RV/RdM	1966
74.1	64.8	61.1	Acc/RV/RdM	1967
75.5	64.6	64.6	Acc/RV/RdM	1968
77.4	67.0	63.2	Acc/RV/RdM	1969
74.3	55.8	56.2	Acc/RV/RdM	1970
			Acc/RV/RdM	1971
			Acc/RV/RdM	1972
.778	.399	.895	FA/RV/RdM	1966
.757	.379	.555	FA/RV/RdM	1967
.760	.376	.806	FA/RV/RdM	1968
.785	.426	.664	FA/RV/RdM	1969
.684	.321	.776	FA/RV/RdM	1970
			FA/RV/RdM	1971
			FA/RV/RdM	1972
23.4	22.1	18.4	IA/RV/RdM	1966
22.7	21.9	19.6	IA/RV/RdM	1967
23.7	21.5	21.9	IA/RV/RdM	1968
23.8	22.7	20.0	IA/RV/RdM	1969
22.4	19.6	18.8	IA/RV/RdM	1970
			IA/RV/RdM	1971
			IA/RV/RdM	1972

*figures represent actual value times 10^3



State μ	State σ	County Experience		
399730	2940627	36599	Population	1970
1364.7	813.8	1372	Road Miles	1968
3649	13064	1068	Accidents	1966
3602	12490	1179	Accidents	1967
3680	13067	1315	Accidents	1968
3990	13689	1369	Accidents	1969
3780	11939	1352	Accidents	1970
			Accidents	1971
			Accidents	1972
27.7	57.3	10	Fatalities	1966
25.6	51.3	26	Fatalities	1967
28.8	55.6	11	Fatalities	1968
30.0	60.9	21	Fatalities	1969
26.2	51.5	14	Fatalities	1970
			Fatalities	1971
			Fatalities	1972
1188	6487	531	Injuries	1966
1823	6232	475	Injuries	1967
1933	6796	604	Injuries	1968
2113	7563	560	Injuries	1969
1948	6671	572	Injuries	1970
			Injuries	1971
			Injuries	1972
53.6*	21.0	45.1	Acc/R.V.	1966
51.6*	13.2	48.5	Acc/R.V.	1967
53.4*	12.7	52.5	Acc/R.V.	1968
54.6*	14.0	53.6	Acc/R.V.	1969
53.9*	11.5	51.8	Acc/R.V.	1970
			Acc/R.V.	1971
			Acc/R.V.	1972
16.1*	4.5	14.2	I.A./R.V.	1966
15.5*	4.0	12.5	I.A./R.V.	1967
16.5*	3.9	14.0	I.A./R.V.	1968
16.4*	4.6	13.0	I.A./R.V.	1969
15.8*	3.7	13.6	I.A./R.V.	1970
			I.A./R.V.	1971
			I.A./R.V.	1972
.570*	.267	.422	F.A./R.V.	1966
.620*	.332	.821	F.A./R.V.	1967
.602*	.318	.319	F.A./R.V.	1968
.612*	.320	.587	F.A./R.V.	1969
.554*	.282	.498	F.A./R.V.	1970
			F.A./R.V.	1971
			F.A./R.V.	1972
75.2	68.2	61.9	Acc/RV/RdM	1966
74.1	64.8	66.4	Acc/RV/RdM	1967
75.5	64.6	72.0	Acc/RV/RdM	1968
77.4	67.0	73.6	Acc/RV/RdM	1969
74.3	55.8	71.1	Acc/RV/RdM	1970
			Acc/RV/RdM	1971
			Acc/RV/RdM	1972
.778	.399	.579	FA/RV/RdM	1966
.757	.379	1.126	FA/RV/RdM	1967
.760	.376	.438	FA/RV/RdM	1968
.785	.426	.806	FA/RV/RdM	1969
.684	.321	.683	FA/RV/RdM	1970
			FA/RV/RdM	1971
			FA/RV/RdM	1972
23.4	22.1	19.5	IA/RV/RdM	1966
22.7	21.9	17.2	IA/RV/RdM	1967
23.7	21.5	19.2	IA/RV/RdM	1968
23.8	22.7	17.8	IA/RV/RdM	1969
22.4	19.6	18.7	IA/RV/RdM	1970
			IA/RV/RdM	1971
			IA/RV/RdM	1972

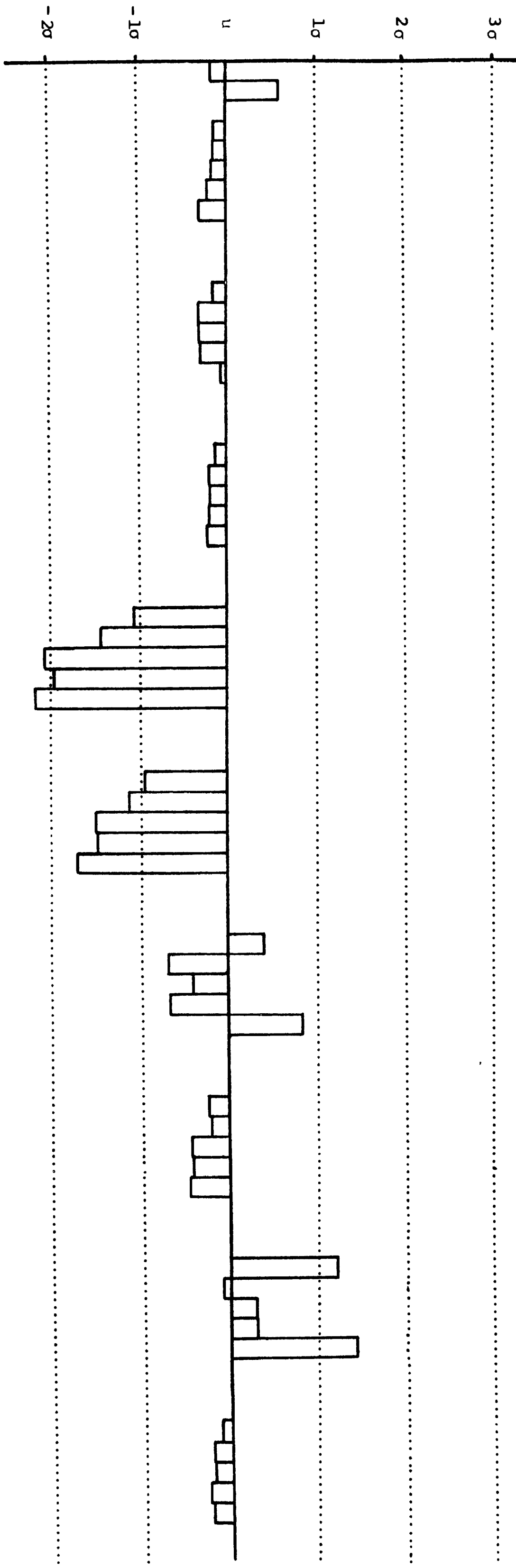
*figures represent actual value times 10^3



State μ	State σ	County Experience		
399730	2940627	34233	Population	1970
1364.7	813.8	1126	Road Miles	1968
3649	13064	880	Accidents	1966
3602	12490	1074	Accidents	1967
3680	13067	1093	Accidents	1968
3990	13689	1183	Accidents	1969
3780	11939	1156	Accidents	1970
			Accidents	1971
			Accidents	1972
27.7	57.3	19	Fatalities	1966
25.6	51.3	10	Fatalities	1967
28.8	55.6	7	Fatalities	1968
30.0	60.9	9	Fatalities	1969
26.2	51.5	7	Fatalities	1970
			Fatalities	1971
			Fatalities	1972
1188	6487	349	Injuries	1966
1823	6232	387	Injuries	1967
1933	6796	320	Injuries	1968
2113	7563	425	Injuries	1969
1948	6671	361	Injuries	1970
			Injuries	1971
			Injuries	1972
*53.6	21.0	53.8	Acc/R.V.	1966
*51.6	13.2	64.2	Acc/R.V.	1967
*53.4	12.7	63.5	Acc/R.V.	1968
*54.6	14.0	69.0	Acc/R.V.	1969
*53.9	11.5	65.7	Acc/R.V.	1970
			Acc/R.V.	1971
			Acc/R.V.	1972
*16.1	4.5	13.4	I.A./R.V.	1966
*15.5	4.0	13.9	I.A./R.V.	1967
*16.5	3.9	13.0	I.A./R.V.	1968
*16.4	4.6	15.3	I.A./R.V.	1969
*15.8	3.7	13.8	I.A./R.V.	1970
			I.A./R.V.	1971
			I.A./R.V.	1972
*.570	.267	.794	F.A./R.V.	1966
*.620	.332	.478	F.A./R.V.	1967
*.602	.318	.406	F.A./R.V.	1968
*.612	.320	.466	F.A./R.V.	1969
*.554	.282	.341	F.A./R.V.	1970
			F.A./R.V.	1971
			F.A./R.V.	1972
75.2	68.2	60.6	Acc/RV/RdM	1966
74.1	64.8	72.7	Acc/RV/RdM	1967
75.5	64.6	71.4	Acc/RV/RdM	1968
77.4	67.0	77.7	Acc/RV/RdM	1969
74.3	55.8	73.9	Acc/RV/RdM	1970
			Acc/RV/RdM	1971
			Acc/RV/RdM	1972
.778	.399	.799	FA/RV/RdM	1966
.757	.379	.538	FA/RV/RdM	1967
.760	.376	.457	FA/RV/RdM	1968
.785	.426	.525	FA/RV/RdM	1969
.684	.321	.384	FA/RV/RdM	1970
			FA/RV/RdM	1971
			FA/RV/RdM	1972
23.4	22.1	15.1	IA/RV/RdM	1966
22.7	21.9	15.7	IA/RV/RdM	1967
23.7	21.5	14.6	IA/RV/RdM	1968
23.8	22.7	17.2	IA/RV/RdM	1969
22.4	19.6	15.5	IA/RV/RdM	1970
			IA/RV/RdM	1971
			IA/RV/RdM	1972

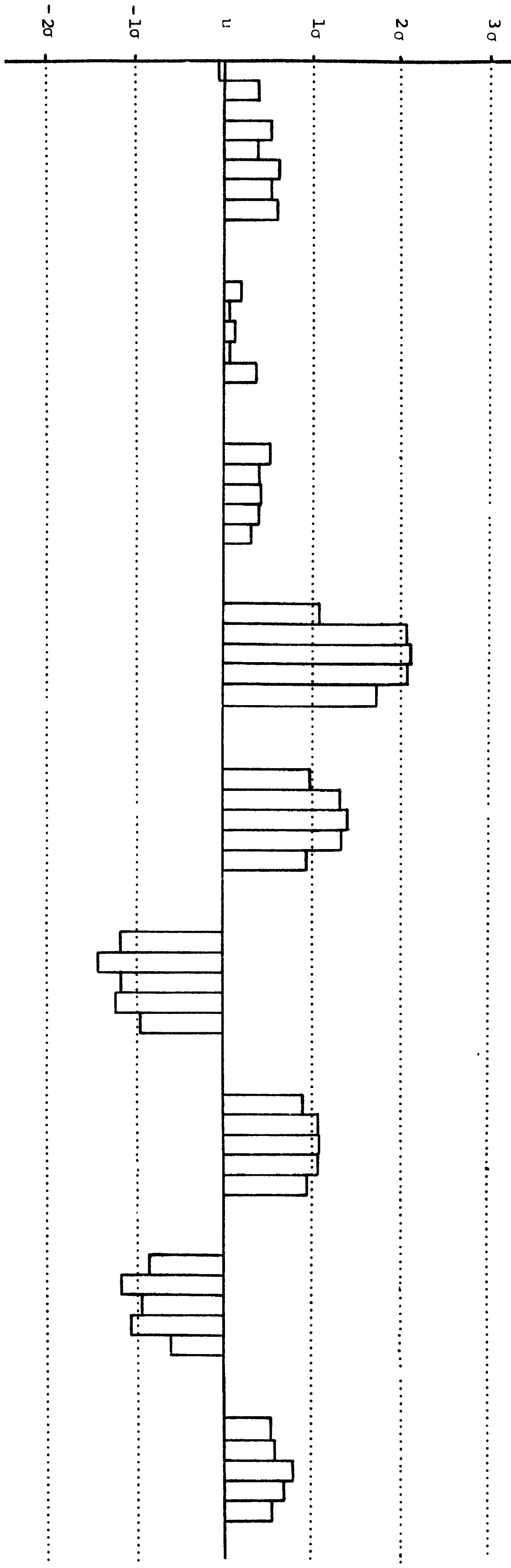
*figures represent actual value times 10^3

HURON



State μ	State σ	County Experience		
399730	2940627	33418	Population	1970
1364.7	813.8	1852	Road Miles	1968
3649	13064	732	Accidents	1966
3602	12490	739	Accidents	1967
3680	13067	639	Accidents	1968
3990	13689	677	Accidents	1969
3780	11939	687	Accidents	1970
			Accidents	1971
			Accidents	1972
27.7	57.3	19	Fatalities	1966
25.6	51.3	11	Fatalities	1967
28.8	55.6	13	Fatalities	1968
30.0	60.9	14	Fatalities	1969
26.2	51.5	24	Fatalities	1970
			Fatalities	1971
			Fatalities	1972
1188	6487	504	Injuries	1966
1823	6232	414	Injuries	1967
1933	6796	464	Injuries	1968
2113	7563	418	Injuries	1969
1948	6671	384	Injuries	1970
			Injuries	1971
			Injuries	1972
53.6	21.0	31.6	Acc/R.V.	1966
51.6	13.2	31.7	Acc/R.V.	1967
53.4	12.7	27.0	Acc/R.V.	1968
*54.6	14.0	27.4	Acc/R.V.	1969
53.9	11.5	27.0	Acc/R.V.	1970
			Acc/R.V.	1971
			Acc/R.V.	1972
16.1	4.5	11.7	I.A./R.V.	1966
15.5	4.0	10.0	I.A./R.V.	1967
16.5	3.9	10.9	I.A./R.V.	1968
*16.4	4.6	9.8	I.A./R.V.	1969
15.8	3.7	9.7	I.A./R.V.	1970
			I.A./R.V.	1971
			I.A./R.V.	1972
.570	.267	.689	F.A./R.V.	1966
.620	.332	.386	F.A./R.V.	1967
.602	.318	.464	F.A./R.V.	1968
*.612	.320	.486	F.A./R.V.	1969
.554	.282	.785	F.A./R.V.	1970
			F.A./R.V.	1971
			F.A./R.V.	1972
75.2	68.2	58.4	Acc/RV/RdM	1966
74.1	64.8	58.7	Acc/RV/RdM	1967
75.5	64.6	49.9	Acc/RV/RdM	1968
77.4	67.0	50.8	Acc/RV/RdM	1969
74.3	55.8	49.9	Acc/RV/RdM	1970
			Acc/RV/RdM	1971
			Acc/RV/RdM	1972
.778	.399	1.276	FA/RV/RdM	1966
.757	.379	.715	FA/RV/RdM	1967
.760	.376	.859	FA/RV/RdM	1968
.785	.426	.901	FA/RV/RdM	1969
.684	.321	1.454	FA/RV/RdM	1970
			FA/RV/RdM	1971
			FA/RV/RdM	1972
23.4	22.1	21.7	IA/RV/RdM	1966
22.7	21.9	18.5	IA/RV/RdM	1967
23.7	21.5	20.2	IA/RV/RdM	1968
23.8	22.7	18.2	IA/RV/RdM	1969
22.4	19.6	18.0	IA/RV/RdM	1970
			IA/RV/RdM	1971
			IA/RV/RdM	1972

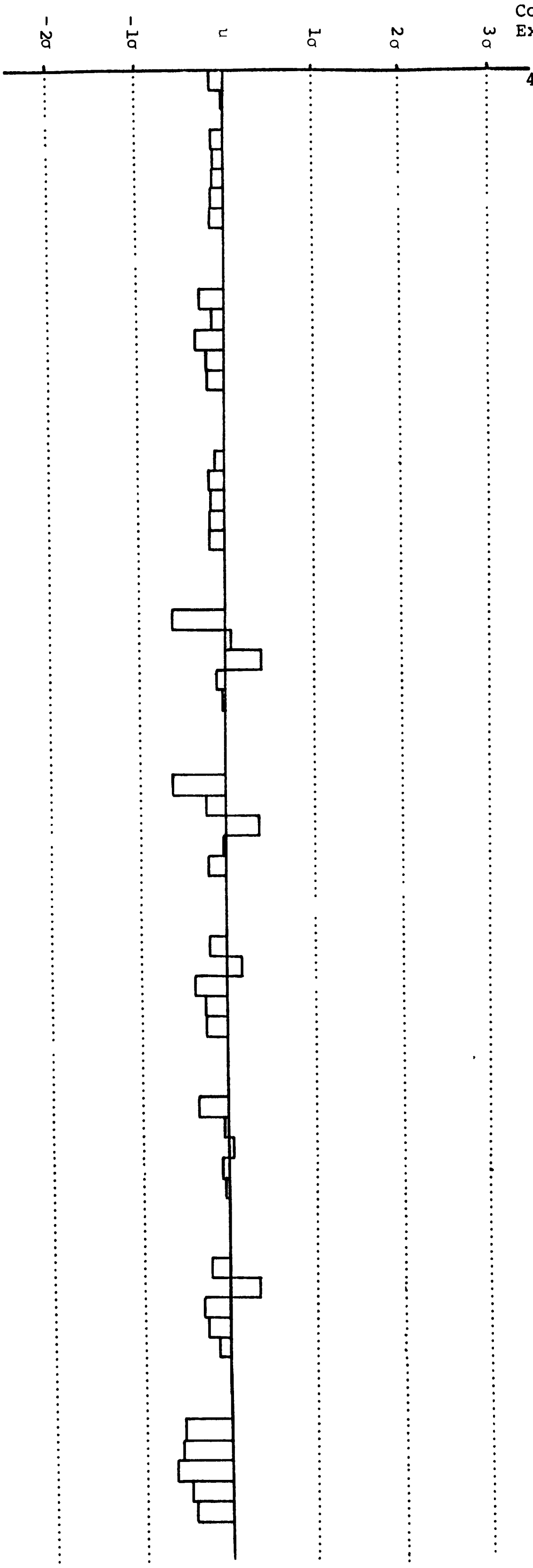
*figures represent actual value times 10^3



State μ	State σ	County Experience		
399730	2940627	256567	Population	1970
1364.7	813.8	1757	Road Miles	1968
3649	13064	11375	Accidents	1966
3602	12490	11186	Accidents	1967
3680	13067	12204	Accidents	1968
3990	13689	12892	Accidents	1969
3780	11939	11493	Accidents	1970
			Accidents	1971
			Accidents	1972
27.7	57.3	39	Fatalities	1966
25.6	51.3	28	Fatalities	1967
28.8	55.6	35	Fatalities	1968
30.0	60.9	34	Fatalities	1969
26.2	51.5	47	Fatalities	1970
			Fatalities	1971
			Fatalities	1972
1188	6487	4541	Injuries	1966
1823	6232	4564	Injuries	1967
1933	6796	5128	Injuries	1968
2113	7563	5300	Injuries	1969
1948	6671	4598	Injuries	1970
			Injuries	1971
			Injuries	1972
*53.6	21.0	78.0	Acc/R.V.	1966
*51.6	13.2	79.7	Acc/R.V.	1967
*53.4	12.7	83.8	Acc/R.V.	1968
*54.6	14.0	84.1	Acc/R.V.	1969
*53.9	11.5	72.8	Acc/R.V.	1970
			Acc/R.V.	1971
			Acc/R.V.	1972
*16.1	4.5	20.3	I.A./R.V.	1966
*15.5	4.0	20.9	I.A./R.V.	1967
*16.5	3.9	23.2	I.A./R.V.	1968
*16.4	4.6	22.9	I.A./R.V.	1969
*15.8	3.7	19.3	I.A./R.V.	1970
			I.A./R.V.	1971
			I.A./R.V.	1972
*.570	.267	.246	F.A./R.V.	1966
*.620	.332	.178	F.A./R.V.	1967
*.602	.318	.233	F.A./R.V.	1968
*.612	.320	.221	F.A./R.V.	1969
*.554	.282	.278	F.A./R.V.	1970
			F.A./R.V.	1971
			F.A./R.V.	1972
75.2	68.2	137.0	Acc/RV/RdM	1966
74.1	64.8	139.9	Acc/RV/RdM	1967
75.5	64.6	147.1	Acc/RV/RdM	1968
77.4	67.0	147.8	Acc/RV/RdM	1969
74.3	55.8	127.8	Acc/RV/RdM	1970
			Acc/RV/RdM	1971
			Acc/RV/RdM	1972
.778	.399	.432	FA/RV/RdM	1966
.757	.379	.313	FA/RV/RdM	1967
.760	.376	.409	FA/RV/RdM	1968
.785	.426	.390	FA/RV/RdM	1969
.684	.321	.488	FA/RV/RdM	1970
			FA/RV/RdM	1971
			FA/RV/RdM	1972
23.4	22.1	35.7	IA/RV/RdM	1966
22.7	21.9	36.7	IA/RV/RdM	1967
23.7	21.5	40.8	IA/RV/RdM	1968
23.8	22.7	40.2	IA/RV/RdM	1969
22.4	19.6	33.9	IA/RV/RdM	1970
			IA/RV/RdM	1971
			IA/RV/RdM	1972

*figures represent actual value times 10^3

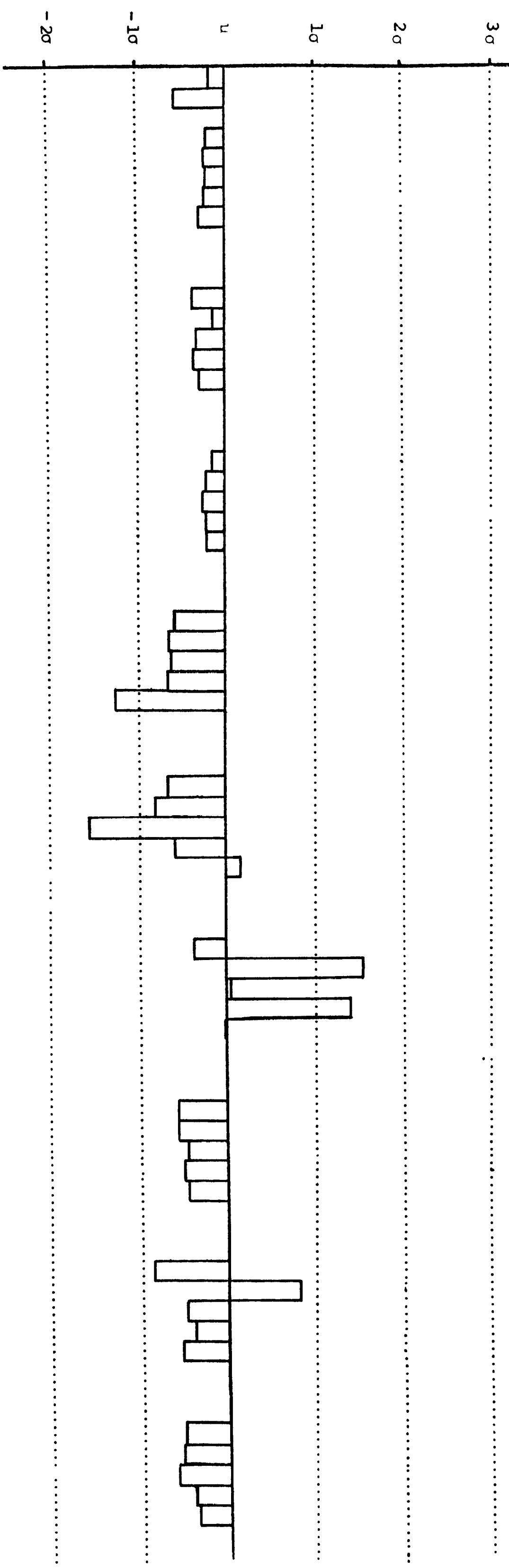
IONIA



State μ	State σ	County Experience		
399730	2940627	45632	Population	1970
1364.7	813.8	1347	Road Miles	1968
3649	13064	1022	Accidents	1966
3602	12490	1327	Accidents	1967
3680	13067	1562	Accidents	1968
3990	13689	1495	Accidents	1969
3780	11939	1527	Accidents	1970
			Accidents	1971
			Accidents	1972
27.7	57.3	13	Fatalities	1966
25.6	51.3	19	Fatalities	1967
28.8	55.6	13	Fatalities	1968
30.0	60.9	16	Fatalities	1969
26.2	51.5	16	Fatalities	1970
			Fatalities	1971
			Fatalities	1972
1188	6487	565	Injuries	1966
1823	6232	646	Injuries	1967
1933	6796	764	Injuries	1968
2113	7563	749	Injuries	1969
1948	6671	673	Injuries	1970
			Injuries	1971
			Injuries	1972
*53.6	21.0	40.4	Acc/R.V.	1966
*51.6	13.2	52.8	Acc/R.V.	1967
*53.4	12.7	59.3	Acc/R.V.	1968
*54.6	14.0	53.1	Acc/R.V.	1969
*53.9	11.5	53.1	Acc/R.V.	1970
			Acc/R.V.	1971
			Acc/R.V.	1972
*16.1	4.5	13.4	I.A./R.V.	1966
*15.5	4.0	14.6	I.A./R.V.	1967
*16.5	3.9	18.0	I.A./R.V.	1968
*16.4	4.6	16.3	I.A./R.V.	1969
*15.8	3.7	14.8	I.A./R.V.	1970
			I.A./R.V.	1971
			I.A./R.V.	1972
*.570	.267	.513	F.A./R.V.	1966
*.620	.332	.675	F.A./R.V.	1967
*.602	.318	.493	F.A./R.V.	1968
*.612	.320	.533	F.A./R.V.	1969
*.554	.282	.486	F.A./R.V.	1970
			F.A./R.V.	1971
			F.A./R.V.	1972
75.2	68.2	54.4	Acc/RV/RdM	1966
74.1	64.8	71.0	Acc/RV/RdM	1967
75.5	64.6	79.8	Acc/RV/RdM	1968
77.4	67.0	71.6	Acc/RV/RdM	1969
74.3	55.8	71.4	Acc/RV/RdM	1970
			Acc/RV/RdM	1971
			Acc/RV/RdM	1972
.778	.399	.691	FA/RV/RdM	1966
.757	.379	.909	FA/RV/RdM	1967
.760	.376	.664	FA/RV/RdM	1968
.785	.426	.718	FA/RV/RdM	1969
.684	.321	.655	FA/RV/RdM	1970
			FA/RV/RdM	1971
			FA/RV/RdM	1972
23.4	22.1	12.4	IA/RV/RdM	1966
22.7	21.9	11.6	IA/RV/RdM	1967
23.7	21.5	10.1	IA/RV/RdM	1968
23.8	22.7	12.7	IA/RV/RdM	1969
22.4	19.6	15.4	IA/RV/RdM	1970
			IA/RV/RdM	1971
			IA/RV/RdM	1972

*figures represent actual value times 10^3

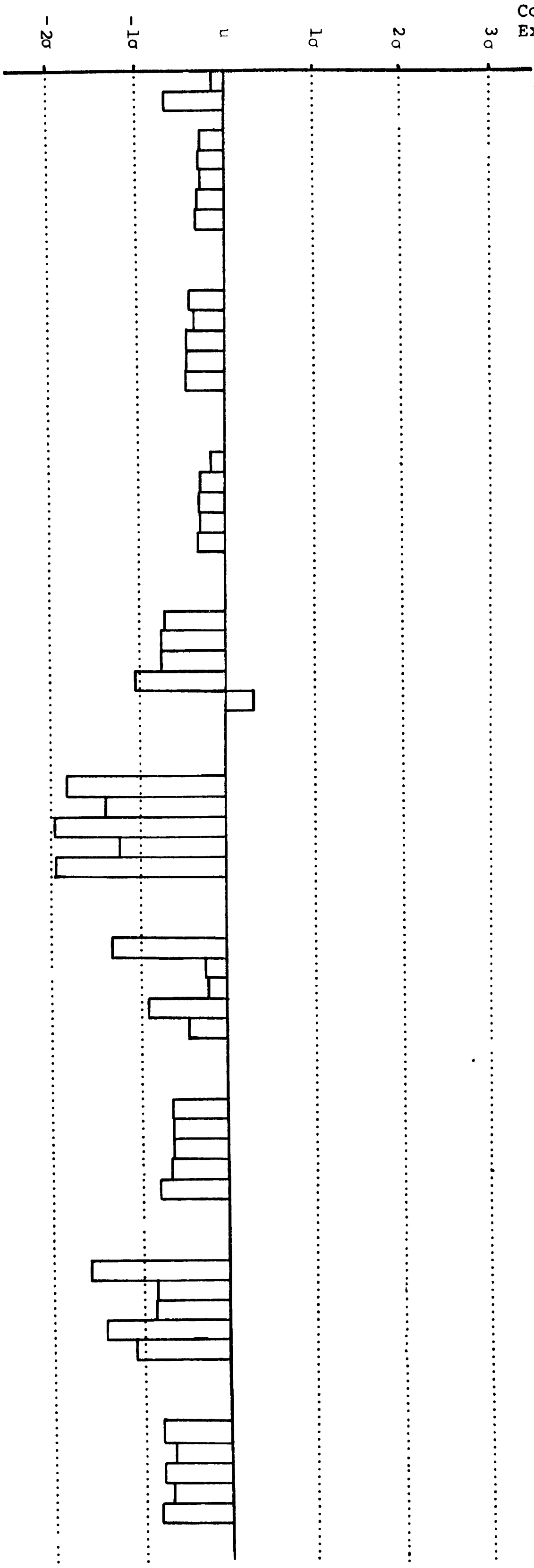
IOSCO



State μ	State σ	County Experience		
399730	2940627	24161	Population	1970
1364.7	813.8	944	Road Miles	1968
3649	13064	518	Accidents	1966
3602	12490	532	Accidents	1967
3680	13067	587	Accidents	1968
3990	13689	639	Accidents	1969
3780	11939	754	Accidents	1970
			Accidents	1971
			Accidents	1972
27.7	57.3	6	Fatalities	1966
25.6	51.3	18	Fatalities	1967
28.8	55.6	12	Fatalities	1968
30.0	60.9	10	Fatalities	1969
26.2	51.5	13	Fatalities	1970
			Fatalities	1971
			Fatalities	1972
1188	6487	266	Injuries	1966
1823	6232	274	Injuries	1967
1933	6796	234	Injuries	1968
2113	7563	323	Injuries	1969
1948	6671	376	Injuries	1970
			Injuries	1971
			Injuries	1972
53.6*	21.0	41.2	Acc/R.V.	1966
51.6*	13.2	42.8	Acc/R.V.	1967
53.4*	12.7	44.9	Acc/R.V.	1968
54.6*	14.0	46.1	Acc/R.V.	1969
53.9*	11.5	38.9	Acc/R.V.	1970
			Acc/R.V.	1971
			Acc/R.V.	1972
16.1*	4.5	13.1	I.A./R.V.	1966
15.5*	4.0	12.3	I.A./R.V.	1967
16.5*	3.9	10.7	I.A./R.V.	1968
16.4*	4.6	13.4	I.A./R.V.	1969
15.8*	3.7	16.3	I.A./R.V.	1970
			I.A./R.V.	1971
			I.A./R.V.	1972
.570*	.267	.476	F.A./R.V.	1966
.620*	.332	1.126	F.A./R.V.	1967
.602*	.318	.611	F.A./R.V.	1968
.612*	.320	1.082	F.A./R.V.	1969
.554*	.282	.552	F.A./R.V.	1970
			F.A./R.V.	1971
			F.A./R.V.	1972
75.2	68.2	38.9	Acc/RV/RdM	1966
74.1	64.8	40.4	Acc/RV/RdM	1967
75.5	64.6	46.1	Acc/RV/RdM	1968
77.4	67.0	43.5	Acc/RV/RdM	1969
74.3	55.8	49.1	Acc/RV/RdM	1970
			Acc/RV/RdM	1971
			Acc/RV/RdM	1972
.778	.399	.449	FA/RV/RdM	1966
.757	.379	1.063	FA/RV/RdM	1967
.760	.376	.577	FA/RV/RdM	1968
.785	.426	.545	FA/RV/RdM	1969
.684	.321	.521	FA/RV/RdM	1970
			FA/RV/RdM	1971
			FA/RV/RdM	1972
23.4	22.1	12.4	IA/RV/RdM	1966
22.7	21.9	11.6	IA/RV/RdM	1967
23.7	21.5	10.1	IA/RV/RdM	1968
23.8	22.7	12.7	IA/RV/RdM	1969
22.4	19.6	15.4	IA/RV/RdM	1970
			IA/RV/RdM	1971
			IA/RV/RdM	1972

*figures represent actual value times 10^3

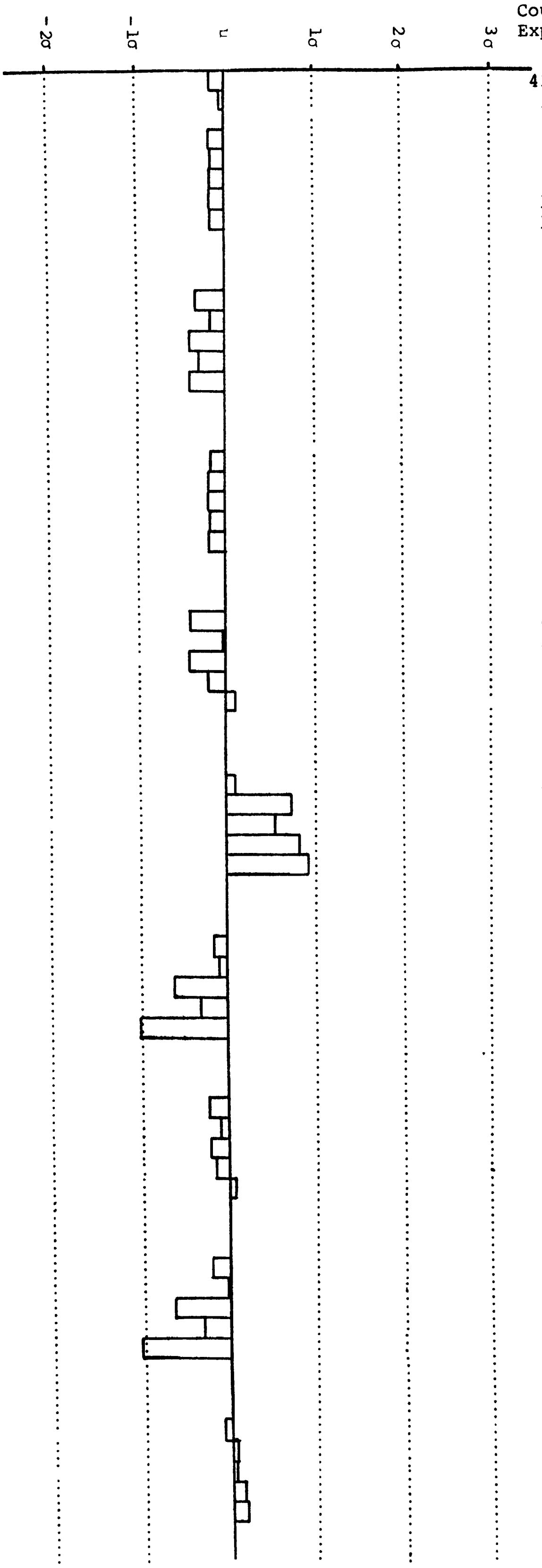
IRON



State μ	State σ	County Experience	Measure	Year
399730	2940627	13678	Population	1970
1364.7	813.8	806	Road Miles	1968
3649	13064	371	Accidents	1966
3602	12490	388	Accidents	1967
3680	13067	407	Accidents	1968
3990	13689	377	Accidents	1969
3780	11939	363	Accidents	1970
			Accidents	1971
			Accidents	1972
27.7	57.3	2	Fatalities	1966
25.6	51.3	8	Fatalities	1967
28.8	55.6	5	Fatalities	1968
30.0	60.9	3	Fatalities	1969
26.2	51.5	4	Fatalities	1970
			Fatalities	1971
			Fatalities	1972
1188	6487	117	Injuries	1966
1823	6232	157	Injuries	1967
1933	6796	132	Injuries	1968
2113	7563	153	Injuries	1969
1948	6671	106	Injuries	1970
			Injuries	1971
			Injuries	1972
*53.6	21.0	39.2	Acc/R.V.	1966
*51.6	13.2	41.7	Acc/R.V.	1967
*53.4	12.7	43.3	Acc/R.V.	1968
*54.6	14.0	40.2	Acc/R.V.	1969
*53.9	11.5	59.8	Acc/R.V.	1970
			Acc/R.V.	1971
			Acc/R.V.	1972
*16.1	4.5	8.2	I.A./R.V.	1966
*15.5	4.0	9.9	I.A./R.V.	1967
*16.5	3.9	8.8	I.A./R.V.	1968
*16.4	4.6	10.8	I.A./R.V.	1969
*15.8	3.7	8.5	I.A./R.V.	1970
			I.A./R.V.	1971
			I.A./R.V.	1972
*.570	.267	.211	F.A./R.V.	1966
*.620	.332	.537	F.A./R.V.	1967
*.602	.318	.531	F.A./R.V.	1968
*.612	.320	.320	F.A./R.V.	1969
*.554	.282	.429	F.A./R.V.	1970
			F.A./R.V.	1971
			F.A./R.V.	1972
75.2	68.2	31.6	Acc/RV/RdM	1966
74.1	64.8	33.5	Acc/RV/RdM	1967
75.5	64.6	34.8	Acc/RV/RdM	1968
77.4	67.0	32.4	Acc/RV/RdM	1969
74.3	55.8	31.3	Acc/RV/RdM	1970
			Acc/RV/RdM	1971
			Acc/RV/RdM	1972
.778	.399	.170	FA/RV/RdM	1966
.757	.379	.433	FA/RV/RdM	1967
.760	.376	.428	FA/RV/RdM	1968
.785	.426	.258	FA/RV/RdM	1969
.684	.321	.346	FA/RV/RdM	1970
			FA/RV/RdM	1971
			FA/RV/RdM	1972
23.4	22.1	6.6	IA/RV/RdM	1966
22.7	21.9	8.0	IA/RV/RdM	1967
23.7	21.5	7.1	IA/RV/RdM	1968
23.8	22.7	8.7	IA/RV/RdM	1969
22.4	19.6	6.9	IA/RV/RdM	1970
			IA/RV/RdM	1971
			IA/RV/RdM	1972

*figures represent actual value times 10^3

ISABELLA



State μ	State σ	County Experience		
399730	2940627	43769	Population	1970
1364.7	813.8	1310	Road Miles	1968
3649	13064	871	Accidents	1966
3602	12490	985	Accidents	1967
3680	13067	950	Accidents	1968
3990	13689	1100	Accidents	1969
3780	11939	1321	Accidents	1970
			Accidents	1971
			Accidents	1972
27.7	57.3	10	Fatalities	1966
25.6	51.3	17	Fatalities	1967
28.8	55.6	8	Fatalities	1968
30.0	60.9	14	Fatalities	1969
26.2	51.5	7	Fatalities	1970
			Fatalities	1971
			Fatalities	1972
1188	6487	522	Injuries	1966
1823	6232	617	Injuries	1967
1933	6796	632	Injuries	1968
2113	7563	761	Injuries	1969
1948	6671	693	Injuries	1970
			Injuries	1971
			Injuries	1972
53.6	21.0	45.6	Acc/R.V.	1966
51.6	13.2	51.4	Acc/R.V.	1967
53.4	12.7	47.5	Acc/R.V.	1968
*54.6	14.0	52.5	Acc/R.V.	1969
53.9	11.5	56.6	Acc/R.V.	1970
			Acc/R.V.	1971
			Acc/R.V.	1972
16.1	4.5	16.5	I.A./R.V.	1966
15.5	4.0	18.5	I.A./R.V.	1967
16.5	3.9	18.7	I.A./R.V.	1968
*16.4	4.6	20.4	I.A./R.V.	1969
15.8	3.7	19.3	I.A./R.V.	1970
			I.A./R.V.	1971
			I.A./R.V.	1972
.570	.267	.522	F.A./R.V.	1966
.620	.332	.573	F.A./R.V.	1967
.602	.318	.399	F.A./R.V.	1968
*.612	.320	.524	F.A./R.V.	1969
.554	.282	.271	F.A./R.V.	1970
			F.A./R.V.	1971
			F.A./R.V.	1972
75.2	68.2	59.7	Acc/RV/RdM	1966
74.1	64.8	67.3	Acc/RV/RdM	1967
75.5	64.6	62.1	Acc/RV/RdM	1968
77.4	67.0	68.7	Acc/RV/RdM	1969
74.3	55.8	78.3	Acc/RV/RdM	1970
			Acc/RV/RdM	1971
			Acc/RV/RdM	1972
.778	.399	.684	FA/RV/RdM	1966
.757	.379	.751	FA/RV/RdM	1967
.760	.376	.523	FA/RV/RdM	1968
.785	.426	.687	FA/RV/RdM	1969
.684	.321	.355	FA/RV/RdM	1970
			FA/RV/RdM	1971
			FA/RV/RdM	1972
23.4	22.1	21.8	IA/RV/RdM	1966
22.7	21.9	24.2	IA/RV/RdM	1967
23.7	21.5	24.5	IA/RV/RdM	1968
23.8	22.7	26.7	IA/RV/RdM	1969
22.4	19.6	25.3	IA/RV/RdM	1970
			IA/RV/RdM	1971
			IA/RV/RdM	1972

*figures represent actual value times 10^3

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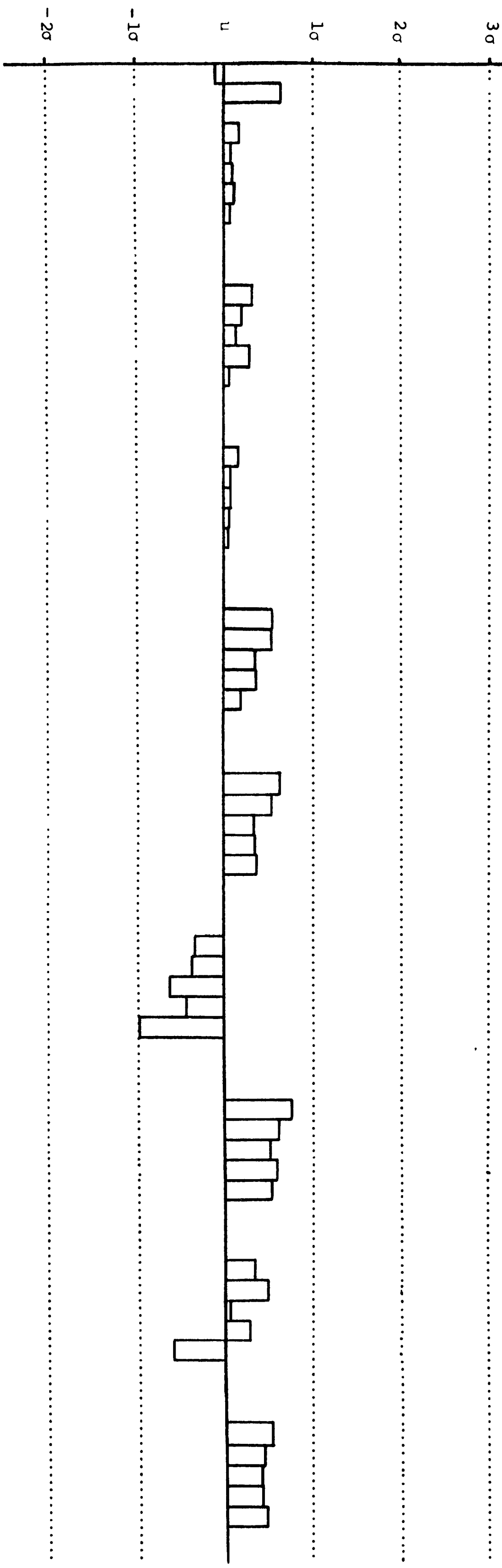
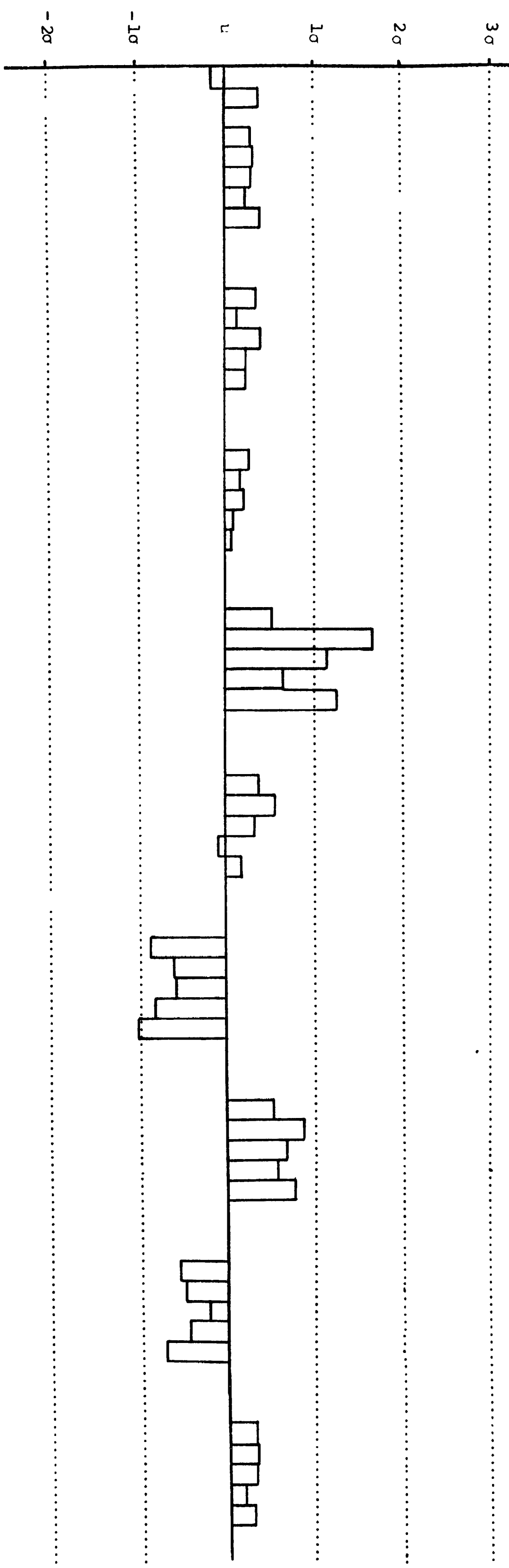


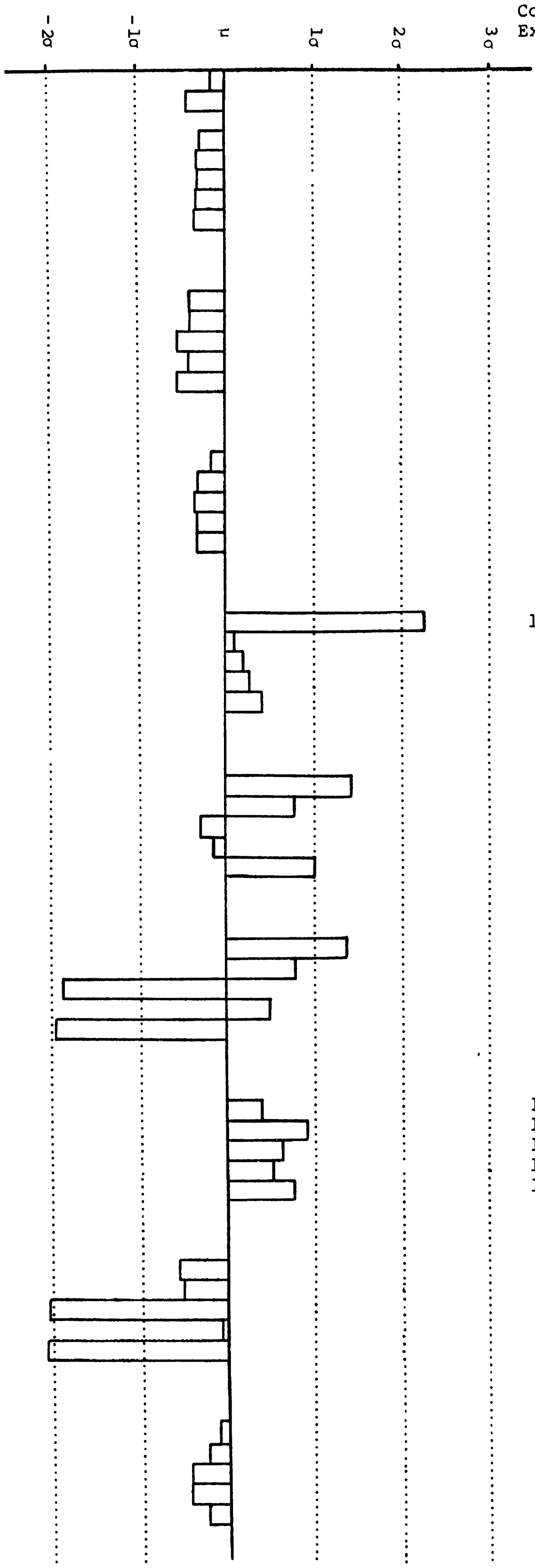
State μ	State σ	County Experience		
399730	2940627	142422	Population	1970
1364.7	813.8	1896	Road Miles	1968
3649	13064	5206	Accidents	1966
3602	12490	4571	Accidents	1967
3680	13067	4748	Accidents	1968
3990	13689	5099	Accidents	1969
3780	11939	4973	Accidents	1970
			Accidents	1971
			Accidents	1972
27.7	57.3	41	Fatalities	1966
25.6	51.3	41	Fatalities	1967
28.8	55.6	35	Fatalities	1968
30.0	60.9	47	Fatalities	1969
26.2	51.5	29	Fatalities	1970
			Fatalities	1971
			Fatalities	1972
1188	6487	2309	Injuries	1966
1823	6232	2153	Injuries	1967
1933	6796	2349	Injuries	1968
2113	7563	2408	Injuries	1969
1948	6671	2323	Injuries	1970
			Injuries	1971
			Injuries	1972
*53.6	21.0	66.7	Acc/R.V.	1966
*51.6	13.2	58.8	Acc/R.V.	1967
*53.4	12.7	58.8	Acc/R.V.	1968
*54.6	14.0	60.3	Acc/R.V.	1969
*53.9	11.5	56.6	Acc/R.V.	1970
			Acc/R.V.	1971
			Acc/R.V.	1972
*16.1	4.5	19.1	I.A./R.V.	1966
*15.5	4.0	17.7	I.A./R.V.	1967
*16.5	3.9	17.8	I.A./R.V.	1968
*16.4	4.6	18.2	I.A./R.V.	1969
*15.8	3.7	17.2	I.A./R.V.	1970
			I.A./R.V.	1971
			I.A./R.V.	1972
*.570	.267	.488	F.A./R.V.	1966
*.620	.332	.501	F.A./R.V.	1967
*.602	.318	.421	F.A./R.V.	1968
*.612	.320	.472	F.A./R.V.	1969
*.554	.282	.273	F.A./R.V.	1970
			F.A./R.V.	1971
			F.A./R.V.	1972
75.2	68.2	126.9	Acc/RV/RdM	1966
74.1	64.8	111.4	Acc/RV/RdM	1967
75.5	64.6	111.4	Acc/RV/RdM	1968
77.4	67.0	114.3	Acc/RV/RdM	1969
74.3	55.8	107.3	Acc/RV/RdM	1970
			Acc/RV/RdM	1971
			Acc/RV/RdM	1972
.778	.399	.925	FA/RV/RdM	1966
.757	.379	.950	FA/RV/RdM	1967
.760	.376	.798	FA/RV/RdM	1968
.785	.426	.897	FA/RV/RdM	1969
.684	.321	.518	FA/RV/RdM	1970
			FA/RV/RdM	1971
			FA/RV/RdM	1972
23.4	22.1	36.2	IA/RV/RdM	1966
22.7	21.9	33.6	IA/RV/RdM	1967
23.7	21.5	33.8	IA/RV/RdM	1968
23.8	22.7	34.5	IA/RV/RdM	1969
22.4	19.6	32.6	IA/RV/RdM	1970
			IA/RV/RdM	1971
			IA/RV/RdM	1972

*figures represent actual value times 10^3



State μ	State σ	County Experience		
399730	2940627	99287	Population	1970
1364.7	813.8	1699	Road Miles	1968
3649	13064	6968	Accidents	1966
3602	12490	7789	Accidents	1967
3680	13067	7501	Accidents	1968
3990	13689	7348	Accidents	1969
3780	11939	8089	Accidents	1970
			Accidents	1971
			Accidents	1972
27.7	57.3	47	Fatalities	1966
25.6	51.3	39	Fatalities	1967
28.8	55.6	57	Fatalities	1968
30.0	60.9	45	Fatalities	1969
26.2	51.5	39	Fatalities	1970
			Fatalities	1971
			Fatalities	1972
1188	6487	2820	Injuries	1966
1823	6232	2750	Injuries	1967
1933	6796	3079	Injuries	1968
2113	7563	2683	Injuries	1969
1948	6671	2888	Injuries	1970
			Injuries	1971
			Injuries	1972
*53.6	21.0	67.2	Acc/R.V.	1966
*51.6	13.2	75.0	Acc/R.V.	1967
*53.4	12.7	69.1	Acc/R.V.	1968
*54.6	14.0	65.2	Acc/R.V.	1969
*53.9	11.5	69.1	Acc/R.V.	1970
			Acc/R.V.	1971
			Acc/R.V.	1972
*16.1	4.5	17.8	I.A./R.V.	1966
*15.5	4.0	17.8	I.A./R.V.	1967
*16.5	3.9	17.8	I.A./R.V.	1968
*16.4	4.6	16.0	I.A./R.V.	1969
*15.8	3.7	16.4	I.A./R.V.	1970
			I.A./R.V.	1971
			I.A./R.V.	1972
*.570	.267	.338	F.A./R.V.	1966
*.620	.332	.336	F.A./R.V.	1967
*.602	.318	.423	F.A./R.V.	1968
*.612	.320	.363	F.A./R.V.	1969
*.554	.282	.264	F.A./R.V.	1970
			F.A./R.V.	1971
			F.A./R.V.	1972
75.2	68.2	114.4	Acc/RV/RdM	1966
74.1	64.8	127.4	Acc/RV/RdM	1967
75.5	64.6	117.3	Acc/RV/RdM	1968
77.4	67.0	110.8	Acc/RV/RdM	1969
74.3	55.8	117.3	Acc/RV/RdM	1970
			Acc/RV/RdM	1971
			Acc/RV/RdM	1972
.778	.399	.574	FA/RV/RdM	1966
.757	.379	.571	FA/RV/RdM	1967
.760	.376	.719	FA/RV/RdM	1968
.785	.426	.618	FA/RV/RdM	1969
.684	.321	.449	FA/RV/RdM	1970
			FA/RV/RdM	1971
			FA/RV/RdM	1972
23.4	22.1	30.2	IA/RV/RdM	1966
22.7	21.9	30.2	IA/RV/RdM	1967
23.7	21.5	30.2	IA/RV/RdM	1968
23.8	22.7	27.2	IA/RV/RdM	1969
22.4	19.6	27.9	IA/RV/RdM	1970
			IA/RV/RdM	1971
			IA/RV/RdM	1972

*figures represent actual value times 10^3



State μ	State σ	County Experience		
399730	2940627	5726	Population	1970
1364.7	813.8	971	Road Miles	1968
3649	13064	339	Accidents	1966
3602	12490	176	Accidents	1967
3680	13067	204	Accidents	1968
3990	13689	226	Accidents	1969
3780	11939	237	Accidents	1970
			Accidents	1971
			Accidents	1972
27.7	57.3	3	Fatalities	1966
25.6	51.3	4	Fatalities	1967
28.8	55.6	0	Fatalities	1968
30.0	60.9	3	Fatalities	1969
26.2	51.5	0	Fatalities	1970
			Fatalities	1971
			Fatalities	1972
1188	6487	113	Injuries	1966
1823	6232	137	Injuries	1967
1933	6796	89	Injuries	1968
2113	7563	100	Injuries	1969
1948	6671	125	Injuries	1970
			Injuries	1971
			Injuries	1972
53.6	21.0	106.3	Acc/R.V.	1966
51.6	13.2	53.0	Acc/R.V.	1967
53.4	12.7	57.0	Acc/R.V.	1968
*54.6	14.0	58.7	Acc/R.V.	1969
53.9	11.5	58.6	Acc/R.V.	1970
			Acc/R.V.	1971
			Acc/R.V.	1972
16.1	4.5	22.6	I.A./R.V.	1966
15.5	4.0	18.7	I.A./R.V.	1967
16.5	3.9	15.4	I.A./R.V.	1968
*16.4	4.6	15.9	I.A./R.V.	1969
15.8	3.7	19.5	I.A./R.V.	1970
			I.A./R.V.	1971
			I.A./R.V.	1972
.570	.267	.940	F.A./R.V.	1966
.620	.332	.903	F.A./R.V.	1967
.602	.318	0	F.A./R.V.	1968
*.612	.320	.779	F.A./R.V.	1969
.554	.282	0	F.A./R.V.	1970
			F.A./R.V.	1971
			F.A./R.V.	1972
75.2	68.2	103.2	Acc/RV/RdM	1966
74.1	64.8	127.4	Acc/RV/RdM	1967
75.5	64.6	117.3	Acc/RV/RdM	1968
77.4	67.0	110.8	Acc/RV/RdM	1969
74.3	55.8	117.3	Acc/RV/RdM	1970
			Acc/RV/RdM	1971
			Acc/RV/RdM	1972
.778	.399	.574	FA/RV/RdM	1966
.757	.379	.574	FA/RV/RdM	1967
.760	.376	0	FA/RV/RdM	1968
.785	.426	.757	FA/RV/RdM	1969
.684	.321	0	FA/RV/RdM	1970
			FA/RV/RdM	1971
			FA/RV/RdM	1972
23.4	22.1	21.9	IA/RV/RdM	1966
22.7	21.9	18.2	IA/RV/RdM	1967
23.7	21.5	15.0	IA/RV/RdM	1968
23.8	22.7	15.4	IA/RV/RdM	1969
22.4	19.6	18.9	IA/RV/RdM	1970
			IA/RV/RdM	1971
			IA/RV/RdM	1972

*figures represent actual value times 10^3

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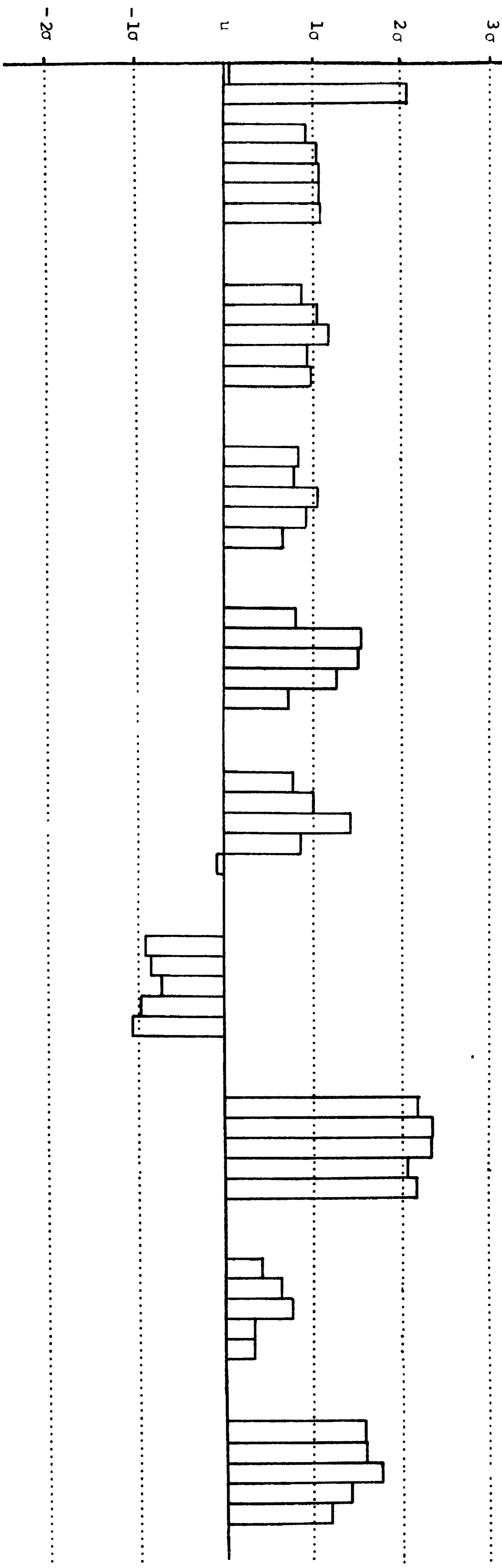
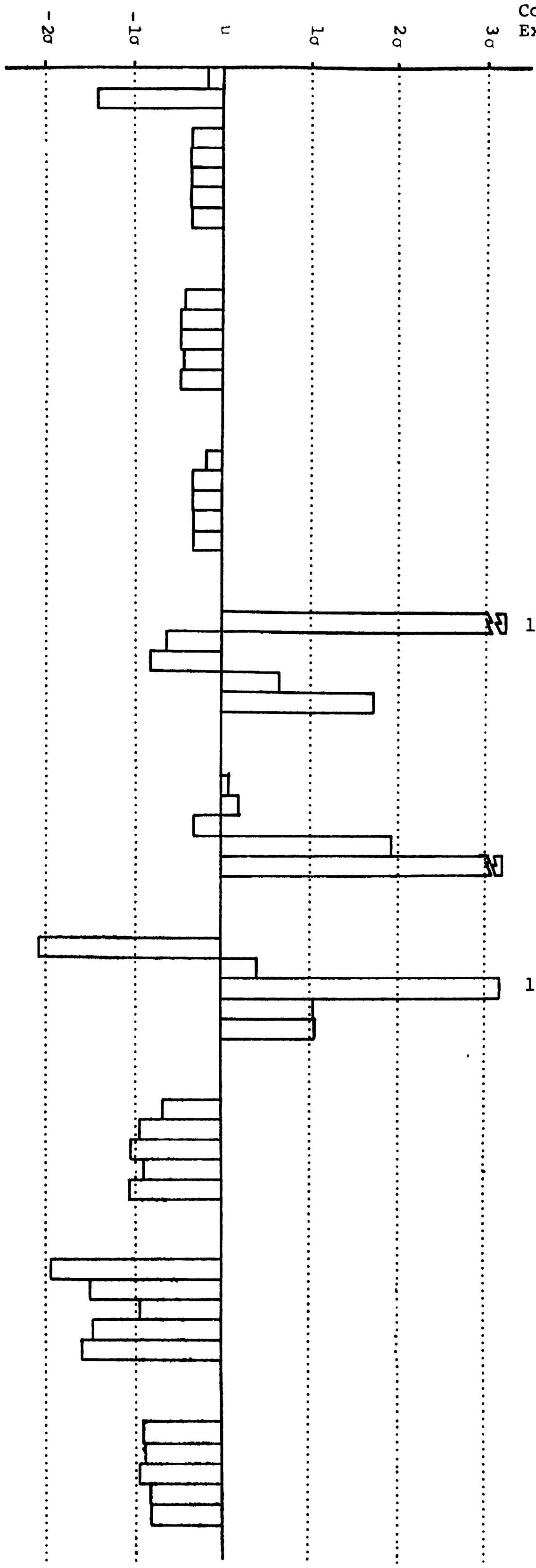


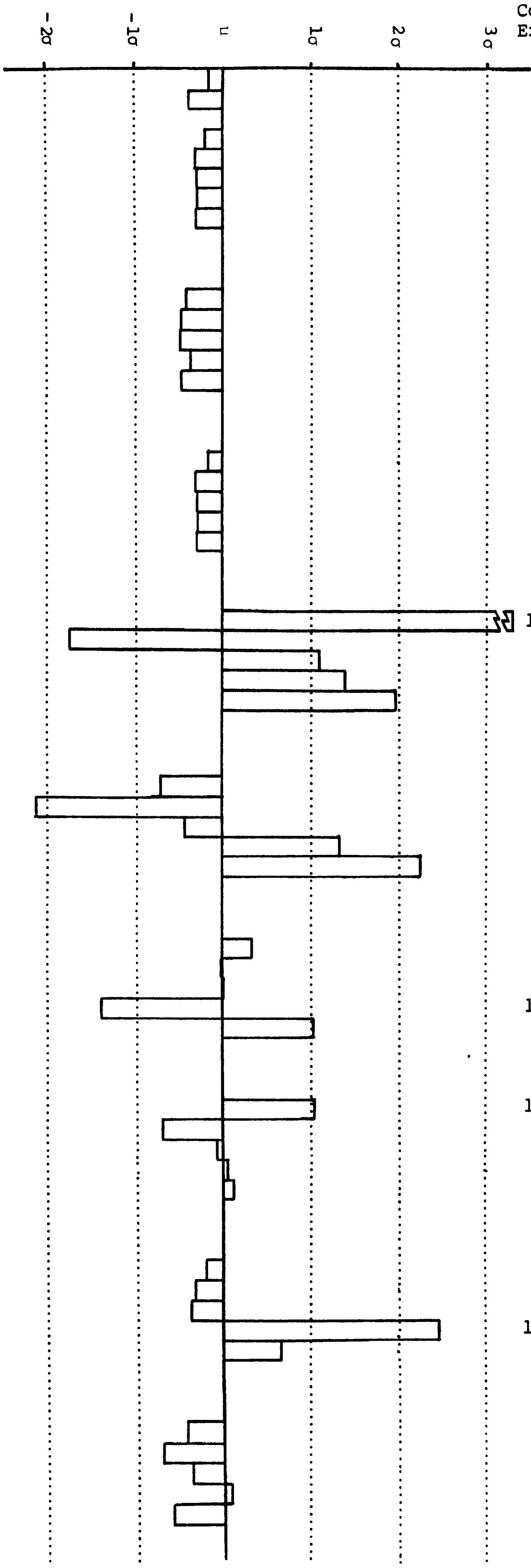
State μ	State σ	County Experience		
399730	2940627	408234	Population	1970
1364.7	813.8	3018	Road Miles	1968
3649	13064	15958	Accidents	1966
3602	12490	16753	Accidents	1967
3680	13067	17744	Accidents	1968
3990	13689	18229	Accidents	1969
3780	11939	16733	Accidents	1970
			Accidents	1971
			Accidents	1972
27.7	57.3	80	Fatalities	1966
25.6	51.3	92	Fatalities	1967
28.8	55.6	97	Fatalities	1968
30.0	60.9	87	Fatalities	1969
26.2	51.5	77	Fatalities	1970
			Fatalities	1971
			Fatalities	1972
1188	6487	6636	Injuries	1966
1823	6232	6928	Injuries	1967
1933	6796	8199	Injuries	1968
2113	7563	7969	Injuries	1969
1948	6671	6058	Injuries	1970
			Injuries	1971
			Injuries	1972
*53.6	21.0	72.0	Acc/R.V.	1966
*51.6	13.2	73.6	Acc/R.V.	1967
*53.4	12.7	74.9	Acc/R.V.	1968
*54.6	14.0	72.6	Acc/R.V.	1969
*53.9	11.5	64.4	Acc/R.V.	1970
			Acc/R.V.	1971
			Acc/R.V.	1972
*16.1	4.5	19.5	I.A./R.V.	1966
*15.5	4.0	19.5	I.A./R.V.	1967
*16.5	3.9	22.2	I.A./R.V.	1968
*16.4	4.6	20.6	I.A./R.V.	1969
*15.8	3.7	15.4	I.A./R.V.	1970
			I.A./R.V.	1971
			I.A./R.V.	1972
*.570	.267	.320	F.A./R.V.	1966
*.620	.332	.333	F.A./R.V.	1967
*.602	.318	.367	F.A./R.V.	1968
*.612	.320	.298	F.A./R.V.	1969
*.554	.282	.258	F.A./R.V.	1970
			F.A./R.V.	1971
			F.A./R.V.	1972
75.2	68.2	217.2	Acc/RV/RdM	1966
74.1	64.8	222.0	Acc/RV/RdM	1967
75.5	64.6	226.0	Acc/RV/RdM	1968
77.4	67.0	219.1	Acc/RV/RdM	1969
74.3	55.8	194.6	Acc/RV/RdM	1970
			Acc/RV/RdM	1971
			Acc/RV/RdM	1972
.778	.399	.966	FA/RV/RdM	1966
.757	.379	1.005	FA/RV/RdM	1967
.760	.376	1.108	FA/RV/RdM	1968
.785	.426	.901	FA/RV/RdM	1969
.684	.321	.779	FA/RV/RdM	1970
			FA/RV/RdM	1971
			FA/RV/RdM	1972
23.4	22.1	58.9	IA/RV/RdM	1966
22.7	21.9	58.9	IA/RV/RdM	1967
23.7	21.5	67.0	IA/RV/RdM	1968
23.8	22.7	62.2	IA/RV/RdM	1969
22.4	19.6	46.5	IA/RV/RdM	1970
			IA/RV/RdM	1971
			IA/RV/RdM	1972

*figures represent actual value times 10^3



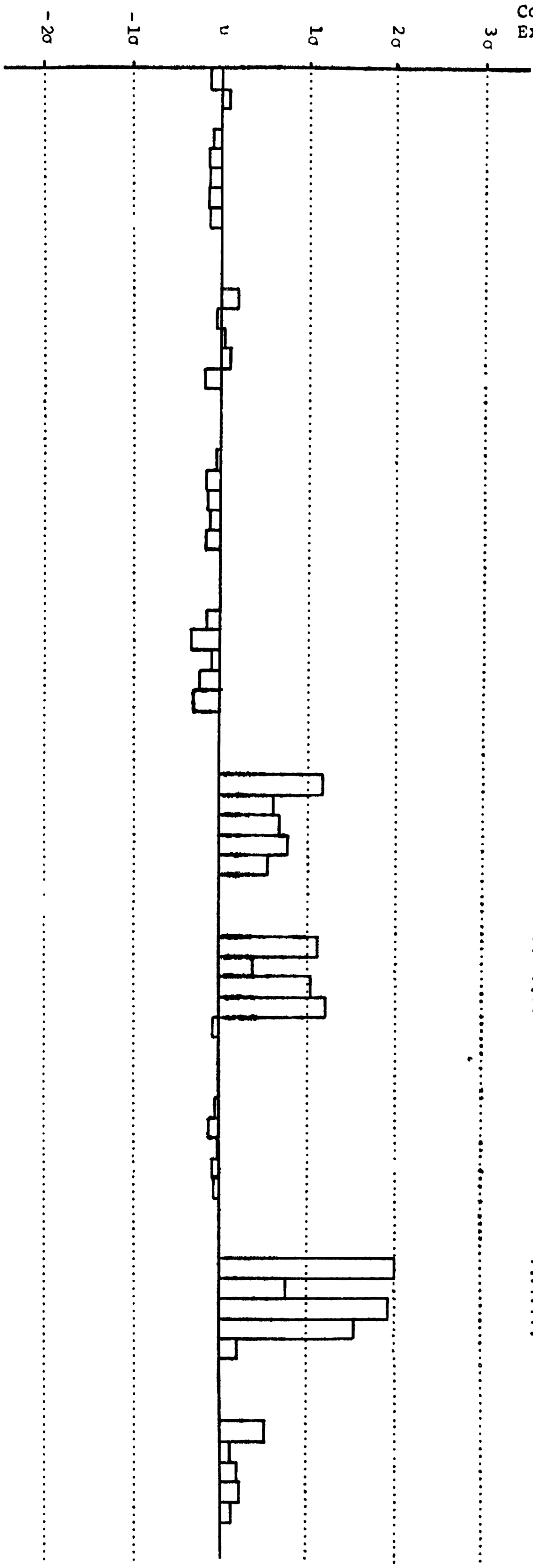
State μ	State σ	County Experience		
399730	2940627	2166	Population	1970
1364.7	813.8	233	Road Miles	1968
3649	13064	169	Accidents	1966
3602	12490	56	Accidents	1967
3680	13067	50	Accidents	1968
3990	13689	69	Accidents	1969
3780	11939	85	Accidents	1970
			Accidents	1971
			Accidents	1972
27.7	57.3	0	Fatalities	1966
25.6	51.3	1	Fatalities	1967
28.8	55.6	2	Fatalities	1968
30.0	60.9	1	Fatalities	1969
26.2	51.5	1	Fatalities	1970
			Fatalities	1971
			Fatalities	1972
1188	6487	33	Injuries	1966
1823	6232	29	Injuries	1967
1933	6796	33	Injuries	1968
2113	7563	40	Injuries	1969
1948	6671	51	Injuries	1970
			Injuries	1971
			Injuries	1972
*53.6	21.0	132.8	Acc/R.V.	1966
*51.6	13.2	43.3	Acc/R.V.	1967
*53.4	12.7	42.4	Acc/R.V.	1968
*54.6	14.0	64.6	Acc/R.V.	1969
*53.9	11.5	73.2	Acc/R.V.	1970
			Acc/R.V.	1971
			Acc/R.V.	1972
*16.1	4.5	16.5	I.A./R.V.	1966
*15.5	4.0	16.2	I.A./R.V.	1967
*16.5	3.9	15.3	I.A./R.V.	1968
*16.4	4.6	25.3	I.A./R.V.	1969
*15.8	3.7	31.8	I.A./R.V.	1970
			I.A./R.V.	1971
			I.A./R.V.	1972
*.570	.267	0	F.A./R.V.	1966
*.620	.332	.773	F.A./R.V.	1967
*.602	.318	1.697	F.A./R.V.	1968
*.612	.320	.936	F.A./R.V.	1969
*.554	.282	.860	F.A./R.V.	1970
			F.A./R.V.	1971
			F.A./R.V.	1972
75.2	68.2	30.9	Acc/RV/RdM	1966
74.1	64.8	10.0	Acc/RV/RdM	1967
75.5	64.6	9.8	Acc/RV/RdM	1968
77.4	67.0	15.1	Acc/RV/RdM	1969
74.3	55.8	17.0	Acc/RV/RdM	1970
			Acc/RV/RdM	1971
			Acc/RV/RdM	1972
.778	.399	0	FA/RV/RdM	1966
.757	.379	.180	FA/RV/RdM	1967
.760	.376	.395	FA/RV/RdM	1968
.785	.426	.218	FA/RV/RdM	1969
.684	.321	.200	FA/RV/RdM	1970
			FA/RV/RdM	1971
			FA/RV/RdM	1972
23.4	22.1	3.8	IA/RV/RdM	1966
22.7	21.9	3.8	IA/RV/RdM	1967
23.7	21.5	3.6	IA/RV/RdM	1968
23.8	22.7	5.9	IA/RV/RdM	1969
22.4	19.6	7.4	IA/RV/RdM	1970
			IA/RV/RdM	1971
			IA/RV/RdM	1972

*figures represent actual value times 10^3



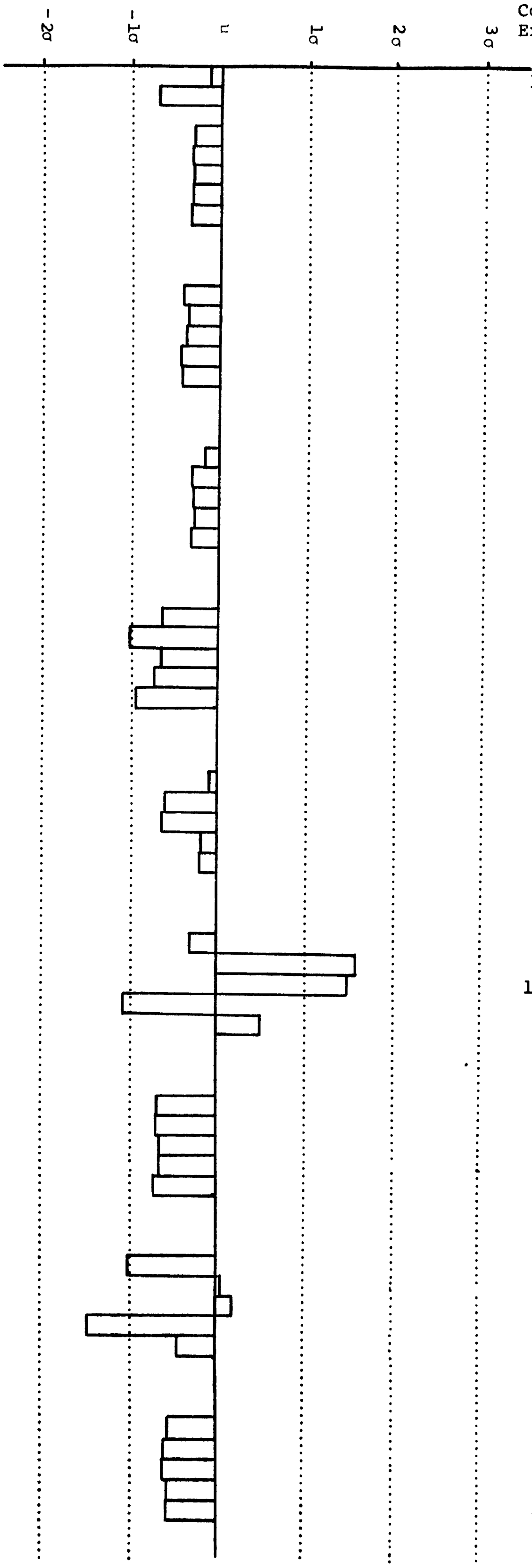
State μ	State σ	County Experience		
399730	2940627	5177	Population	1970
1364.7	813.8	1064	Road Miles	1968
3649	13064	432	Accidents	1966
3602	12490	85	Accidents	1967
3680	13067	228	Accidents	1968
3990	13689	254	Accidents	1969
3780	11939	274	Accidents	1970
			Accidents	1971
			Accidents	1972
27.7	57.3	2	Fatalities	1966
25.6	51.3	2	Fatalities	1967
28.8	55.6	2	Fatalities	1968
30.0	60.9	7	Fatalities	1969
26.2	51.5	3	Fatalities	1970
			Fatalities	1971
			Fatalities	1972
1188	6487	76	Injuries	1966
1823	6232	32	Injuries	1967
1933	6796	76	Injuries	1968
2113	7563	142	Injuries	1969
1948	6671	157	Injuries	1970
			Injuries	1971
			Injuries	1972
53.6	21.0	139.4	Acc/R.V.	1966
51.6	13.2	26.3	Acc/R.V.	1967
53.4	12.7	68.8	Acc/R.V.	1968
* 54.6	14.0	74.6	Acc/R.V.	1969
53.9	11.5	76.7	Acc/R.V.	1970
			Acc/R.V.	1971
			Acc/R.V.	1972
16.1	4.5	12.9	I.A./R.V.	1966
15.5	4.0	6.2	I.A./R.V.	1967
16.5	3.9	14.8	I.A./R.V.	1968
* 16.4	4.6	22.9	I.A./R.V.	1969
15.8	3.7	24.1	I.A./R.V.	1970
			I.A./R.V.	1971
			I.A./R.V.	1972
.570	.267	.645	F.A./R.V.	1966
.620	.332	.619	F.A./R.V.	1967
.602	.318	.603	F.A./R.V.	1968
* .612	.320	1.760	F.A./R.V.	1969
.554	.282	.839	F.A./R.V.	1970
			F.A./R.V.	1971
			F.A./R.V.	1972
75.2	68.2	148.3	Acc/RV/RdM	1966
74.1	64.8	28.0	Acc/RV/RdM	1967
75.5	64.6	73.2	Acc/RV/RdM	1968
77.4	67.0	79.3	Acc/RV/RdM	1969
74.3	55.8	81.5	Acc/RV/RdM	1970
			Acc/RV/RdM	1971
			Acc/RV/RdM	1972
.778	.399	.686	FA/RV/RdM	1966
.757	.379	.659	FA/RV/RdM	1967
.760	.376	.642	FA/RV/RdM	1968
.785	.426	1.874	FA/RV/RdM	1969
.684	.321	.893	FA/RV/RdM	1970
			FA/RV/RdM	1971
			FA/RV/RdM	1972
23.4	22.1	13.7	IA/RV/RdM	1966
22.7	21.9	6.6	IA/RV/RdM	1967
23.7	21.5	15.8	IA/RV/RdM	1968
23.8	22.7	24.4	IA/RV/RdM	1969
22.4	19.6	11.1	IA/RV/RdM	1970
			IA/RV/RdM	1971
			IA/RV/RdM	1972

*figures represent actual value times 10^3



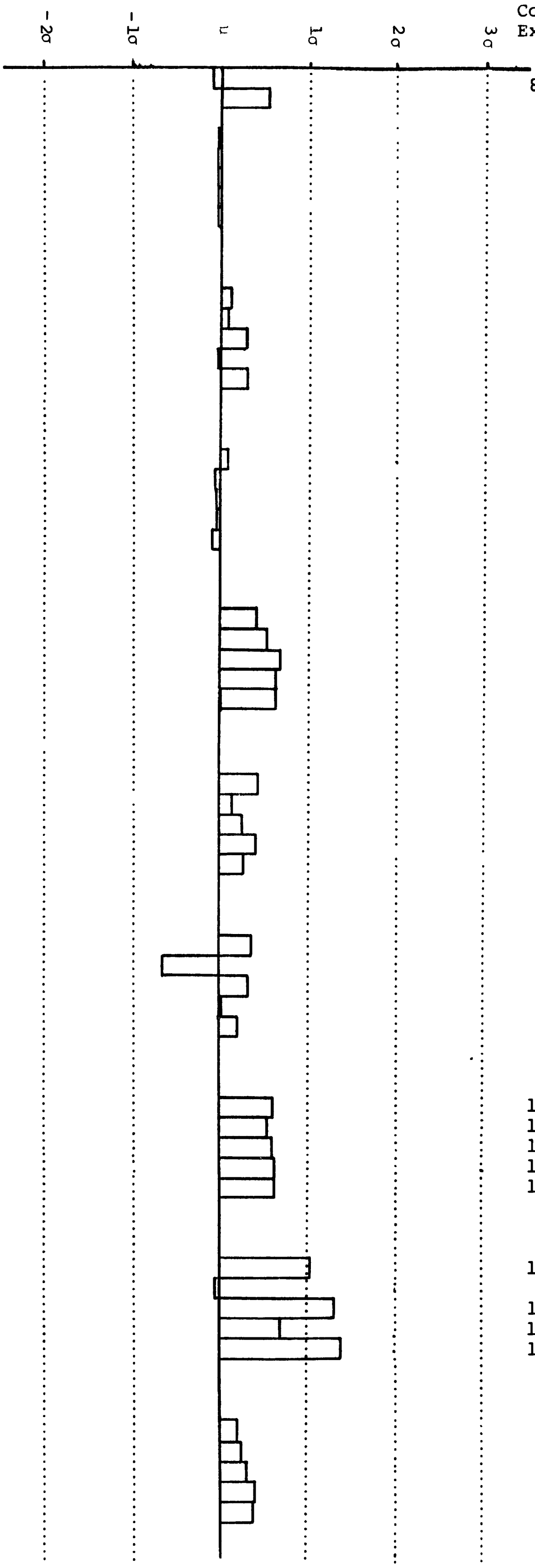
State μ	State σ	County Experience		
399730	2940627	51736	Population	1970
1364.7	813.8	1441	Road Miles	1968
3649	13064	1336	Accidents	1966
3602	12490	1239	Accidents	1967
3680	13067	1440	Accidents	1968
3990	13689	1484	Accidents	1969
3780	11939	1518	Accidents	1970
			Accidents	1971
			Accidents	1972
27.7	57.3	38	Fatalities	1966
25.6	51.3	23	Fatalities	1967
28.8	55.6	30	Fatalities	1968
30.0	60.9	36	Fatalities	1969
26.2	51.5	19	Fatalities	1970
			Fatalities	1971
			Fatalities	1972
1188	6487	986	Injuries	1966
1823	6232	803	Injuries	1967
1933	6796	903	Injuries	1968
2113	7563	1012	Injuries	1969
1948	6671	960	Injuries	1970
			Injuries	1971
			Injuries	1972
*53.6	21.0	51.4	Acc/R.V.	1966
*51.6	13.2	47.4	Acc/R.V.	1967
*53.4	12.7	52.4	Acc/R.V.	1968
*54.6	14.0	51.8	Acc/R.V.	1969
*53.9	11.5	49.6	Acc/R.V.	1970
			Acc/R.V.	1971
			Acc/R.V.	1972
*16.1	4.5	21.5	I.A./R.V.	1966
*15.5	4.0	18.0	I.A./R.V.	1967
*16.5	3.9	19.2	I.A./R.V.	1968
*16.4	4.6	20.2	I.A./R.V.	1969
*15.8	3.7	17.9	I.A./R.V.	1970
			I.A./R.V.	1971
			I.A./R.V.	1972
*.570	.267	1.077	F.A./R.V.	1966
*.620	.332	.727	F.A./R.V.	1967
*.602	.318	1.018	F.A./R.V.	1968
*.612	.320	1.011	F.A./R.V.	1969
*.554	.282	.522	F.A./R.V.	1970
			F.A./R.V.	1971
			F.A./R.V.	1972
75.2	68.2	74.1	Acc/RV/RdM	1966
74.1	64.8	68.3	Acc/RV/RdM	1967
75.5	64.6	75.4	Acc/RV/RdM	1968
77.4	67.0	74.6	Acc/RV/RdM	1969
74.3	55.8	71.4	Acc/RV/RdM	1970
			Acc/RV/RdM	1971
			Acc/RV/RdM	1972
.778	.399	1.552	FA/RV/RdM	1966
.757	.379	1.047	FA/RV/RdM	1967
.760	.376	1.467	FA/RV/RdM	1968
.785	.426	1.457	FA/RV/RdM	1969
.684	.321	.752	FA/RV/RdM	1970
			FA/RV/RdM	1971
			FA/RV/RdM	1972
23.4	22.1	31.0	IA/RV/RdM	1966
22.7	21.9	25.9	IA/RV/RdM	1967
23.7	21.5	27.7	IA/RV/RdM	1968
23.8	22.7	29.1	IA/RV/RdM	1969
22.4	19.6	25.8	IA/RV/RdM	1970
			IA/RV/RdM	1971
			IA/RV/RdM	1972

*figures represent actual value times 10^3



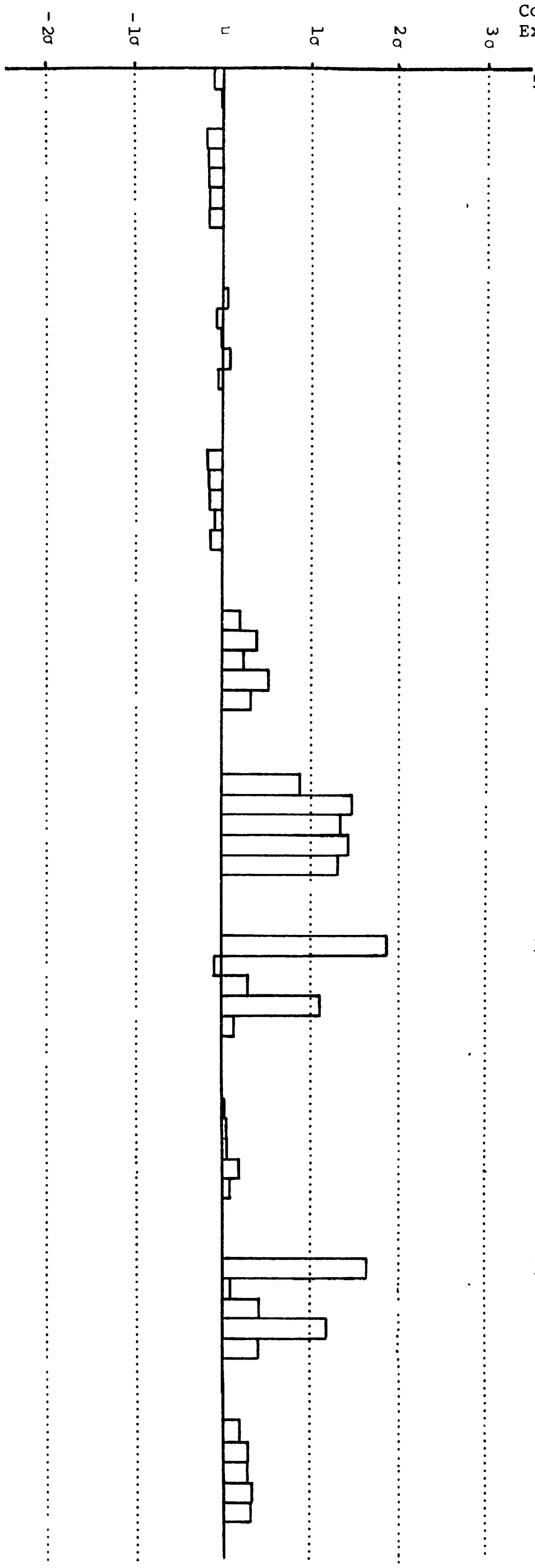
State μ	State σ	County Experience		Year
399730	2940627	10586	Population	1970
1364.7	813.8	764	Road Miles	1968
3649	13064	233	Accidents	1966
3602	12490	225	Accidents	1967
3680	13067	286	Accidents	1968
3990	13689	320	Accidents	1969
3780	11939	308	Accidents	1970
			Accidents	1971
			Accidents	1972
27.7	57.3	3	Fatalities	1966
25.6	51.3	7	Fatalities	1967
28.8	55.6	7	Fatalities	1968
30.0	60.9	3	Fatalities	1969
26.2	51.5	5	Fatalities	1970
			Fatalities	1971
			Fatalities	1972
1188	6487	162	Injuries	1966
1823	6232	129	Injuries	1967
1933	6796	134	Injuries	1968
2113	7563	189	Injuries	1969
1948	6671	160	Injuries	1970
			Injuries	1971
			Injuries	1972
*53.6	21.0	38.3	Acc/R.V.	1966
*51.6	13.2	37.4	Acc/R.V.	1967
*53.4	12.7	44.1	Acc/R.V.	1968
*54.6	14.0	44.8	Acc/R.V.	1969
*53.9	11.5	42.8	Acc/R.V.	1970
			Acc/R.V.	1971
			Acc/R.V.	1972
*16.1	4.5	15.8	I.A./R.V.	1966
*15.5	4.0	13.1	I.A./R.V.	1967
*16.5	3.9	13.9	I.A./R.V.	1968
*16.4	4.6	15.5	I.A./R.V.	1969
*15.8	3.7	14.9	I.A./R.V.	1970
			I.A./R.V.	1971
			I.A./R.V.	1972
*.570	.267	.493	F.A./R.V.	1966
*.620	.332	.997	F.A./R.V.	1967
*.602	.318	1.078	F.A./R.V.	1968
*.612	.320	.279	F.A./R.V.	1969
*.554	.282	.695	F.A./R.V.	1970
			F.A./R.V.	1971
			F.A./R.V.	1972
75.2	68.2	29.3	Acc/RV/RdM	1966
74.1	64.8	28.5	Acc/RV/RdM	1967
75.5	64.6	33.6	Acc/RV/RdM	1968
77.4	67.0	34.2	Acc/RV/RdM	1969
74.3	55.8	32.7	Acc/RV/RdM	1970
			Acc/RV/RdM	1971
			Acc/RV/RdM	1972
.778	.399	.377	FA/RV/RdM	1966
.757	.379	.762	FA/RV/RdM	1967
.760	.376	.824	FA/RV/RdM	1968
.785	.426	.214	FA/RV/RdM	1969
.684	.321	.531	FA/RV/RdM	1970
			FA/RV/RdM	1971
			FA/RV/RdM	1972
23.4	22.1	12.1	IA/RV/RdM	1966
22.7	21.9	10.0	IA/RV/RdM	1967
23.7	21.5	10.6	IA/RV/RdM	1968
23.8	22.7	11.8	IA/RV/RdM	1969
22.4	19.6	11.4	IA/RV/RdM	1970
			IA/RV/RdM	1971
			IA/RV/RdM	1972

*figures represent actual value times 10^3



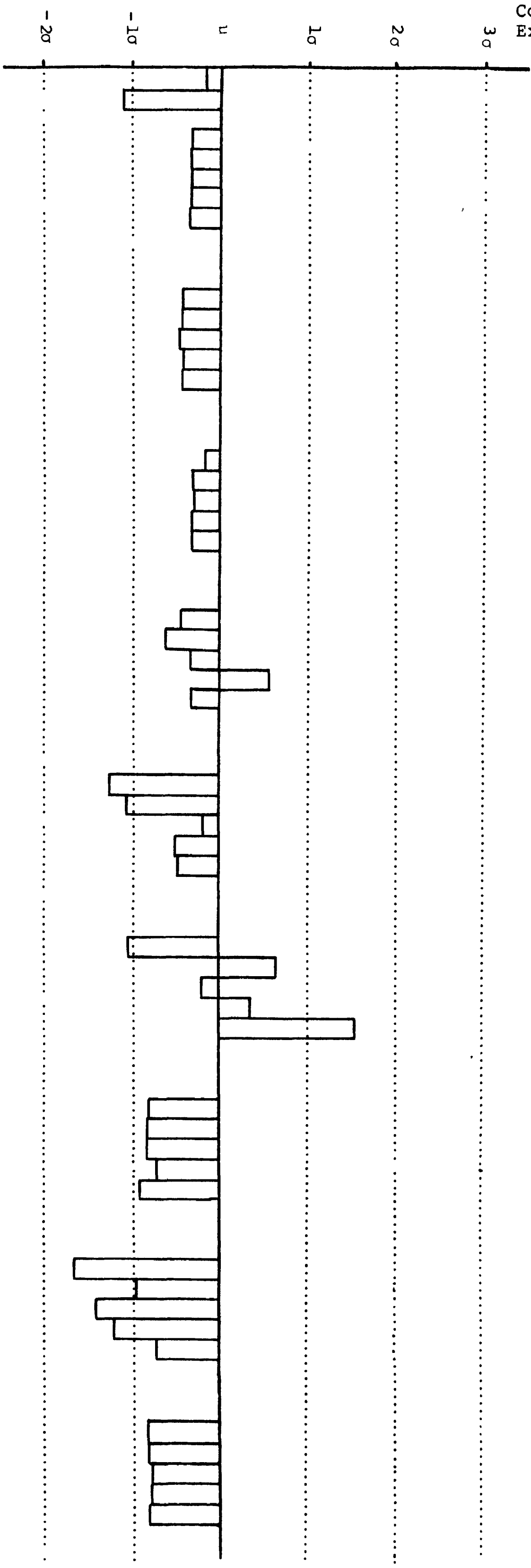
State μ	State σ	County Experience		Year
399730	2940627	80220	Population	1970
1364.7	813.8	1814	Road Miles	1968
3649	13064	3158	Accidents	1966
3602	12490	2910	Accidents	1967
3680	13067	3200	Accidents	1968
3990	13689	3369	Accidents	1969
3780	11939	3293	Accidents	1970
			Accidents	1971
			Accidents	1972
27.7	57.3	35	Fatalities	1966
25.6	51.3	29	Fatalities	1967
28.8	55.6	44	Fatalities	1968
30.0	60.9	27	Fatalities	1969
26.2	51.5	43	Fatalities	1970
			Fatalities	1971
			Fatalities	1972
1188	6487	1487	Injuries	1966
1823	6232	1269	Injuries	1967
1933	6796	1450	Injuries	1968
2113	7563	1588	Injuries	1969
1948	6671	1412	Injuries	1970
			Injuries	1971
			Injuries	1972
*53.6	21.0	64.3	Acc/R.V.	1966
*51.6	13.2	59.9	Acc/R.V.	1967
*53.4	12.7	63.4	Acc/R.V.	1968
*54.6	14.0	64.0	Acc/R.V.	1969
*53.9	11.5	61.4	Acc/R.V.	1970
			Acc/R.V.	1971
			Acc/R.V.	1972
*16.1	4.5	18.2	I.A./R.V.	1966
*15.5	4.0	16.0	I.A./R.V.	1967
*16.5	3.9	17.5	I.A./R.V.	1968
*16.4	4.6	18.5	I.A./R.V.	1969
*15.8	3.7	16.7	I.A./R.V.	1970
			I.A./R.V.	1971
			I.A./R.V.	1972
*.570	.267	.651	F.A./R.V.	1966
*.620	.332	.411	F.A./R.V.	1967
*.602	.318	.693	F.A./R.V.	1968
*.612	.320	.608	F.A./R.V.	1969
*.554	.282	.615	F.A./R.V.	1970
			F.A./R.V.	1971
			F.A./R.V.	1972
75.2	68.2	116.6	Acc/RV/RdM	1966
74.1	64.8	108.6	Acc/RV/RdM	1967
75.5	64.6	114.9	Acc/RV/RdM	1968
77.4	67.0	116.1	Acc/RV/RdM	1969
74.3	55.8	111.3	Acc/RV/RdM	1970
			Acc/RV/RdM	1971
			Acc/RV/RdM	1972
.778	.399	1.181	FA/RV/RdM	1966
.757	.379	.746	FA/RV/RdM	1967
.760	.376	1.257	FA/RV/RdM	1968
.785	.426	1.102	FA/RV/RdM	1969
.684	.321	1.116	FA/RV/RdM	1970
			FA/RV/RdM	1971
			FA/RV/RdM	1972
23.4	22.1	27.0	IA/RV/RdM	1966
22.7	21.9	29.0	IA/RV/RdM	1967
23.7	21.5	31.8	IA/RV/RdM	1968
23.8	22.7	33.6	IA/RV/RdM	1969
22.4	19.6	30.3	IA/RV/RdM	1970
			IA/RV/RdM	1971
			IA/RV/RdM	1972

*figures represent actual value times 10^3



State μ	State σ	County Experience		
399730	2940627	58666	Population	1970
1364.7	813.8	1349	Road Miles	1968
3649	13064	1472	Accidents	1966
3602	12490	1524	Accidents	1967
3680	13067	1654	Accidents	1968
3990	13689	1929	Accidents	1969
3780	11939	1961	Accidents	1970
			Accidents	1971
			Accidents	1972
27.7	57.3	32	Fatalities	1966
25.6	51.3	22	Fatalities	1967
28.8	55.6	25	Fatalities	1968
30.0	60.9	35	Fatalities	1969
26.2	51.5	25	Fatalities	1970
			Fatalities	1971
			Fatalities	1972
1188	6487	893	Injuries	1966
1823	6232	980	Injuries	1967
1933	6796	997	Injuries	1968
2113	7563	1217	Injuries	1969
1948	6671	1098	Injuries	1970
			Injuries	1971
			Injuries	1972
53.6	21.0	55.8	Acc/R.V.	1966
51.6	13.2	55.7	Acc/R.V.	1967
53.4	12.7	56.8	Acc/R.V.	1968
* 54.6	14.0	62.3	Acc/R.V.	1969
53.9	11.5	58.4	Acc/R.V.	1970
			Acc/R.V.	1971
			Acc/R.V.	1972
16.1	4.5	20.0	I.A./R.V.	1966
15.5	4.0	21.5	I.A./R.V.	1967
16.5	3.9	21.9	I.A./R.V.	1968
* 16.4	4.6	23.2	I.A./R.V.	1969
15.8	3.7	20.8	I.A./R.V.	1970
			I.A./R.V.	1971
			I.A./R.V.	1972
.570	.267	1.062	F.A./R.V.	1966
.620	.332	.584	F.A./R.V.	1967
.602	.318	.686	F.A./R.V.	1968
* .612	.320	.969	F.A./R.V.	1969
.554	.282	.595	F.A./R.V.	1970
			F.A./R.V.	1971
			F.A./R.V.	1972
75.2	68.2	75.3	Acc/RV/RdM	1966
74.1	64.8	75.1	Acc/RV/RdM	1967
75.5	64.6	76.6	Acc/RV/RdM	1968
77.4	67.0	84.1	Acc/RV/RdM	1969
74.3	55.8	78.7	Acc/RV/RdM	1970
			Acc/RV/RdM	1971
			Acc/RV/RdM	1972
.778	.399	1.433	FA/RV/RdM	1966
.757	.379	.788	FA/RV/RdM	1967
.760	.376	.925	FA/RV/RdM	1968
.785	.426	1.307	FA/RV/RdM	1969
.684	.321	.803	FA/RV/RdM	1970
			FA/RV/RdM	1971
			FA/RV/RdM	1972
23.4	22.1	27.0	IA/RV/RdM	1966
22.7	21.9	29.0	IA/RV/RdM	1967
23.7	21.5	29.5	IA/RV/RdM	1968
23.8	22.7	31.3	IA/RV/RdM	1969
22.4	19.6	28.1	IA/RV/RdM	1970
			IA/RV/RdM	1971
			IA/RV/RdM	1972

*figures represent actual value times 10^3



State μ	State σ	County Experience		
399730	2940627	6693	Population	1970
1364.7	813.8	447	Road Miles	1968
3649	13064	153	Accidents	1966
3602	12490	152	Accidents	1967
3680	13067	183	Accidents	1968
3990	13689	254	Accidents	1969
3780	11939	197	Accidents	1970
			Accidents	1971
			Accidents	1972
27.7	57.3	1	Fatalities	1966
25.6	51.3	3	Fatalities	1967
28.8	55.6	2	Fatalities	1968
30.0	60.9	3	Fatalities	1969
26.2	51.5	4	Fatalities	1970
			Fatalities	1971
			Fatalities	1972
1188	6487	65	Injuries	1966
1823	6232	64	Injuries	1967
1933	6796	113	Injuries	1968
2113	7563	85	Injuries	1969
1948	6671	87	Injuries	1970
			Injuries	1971
			Injuries	1972
53.6	21.0	43.5	Acc/R.V.	1966
51.6	13.2	43.0	Acc/R.V.	1967
53.4	12.7	48.7	Acc/R.V.	1968
* 54.6	14.0	62.4	Acc/R.V.	1969
53.9	11.5	49.2	Acc/R.V.	1970
			Acc/R.V.	1971
			Acc/R.V.	1972
16.1	4.5	10.5	I.A./R.V.	1966
15.5	4.0	11.3	I.A./R.V.	1967
16.5	3.9	15.7	I.A./R.V.	1968
* 16.4	4.6	14.0	I.A./R.V.	1969
15.8	3.7	14.2	I.A./R.V.	1970
			I.A./R.V.	1971
			I.A./R.V.	1972
.570	.267	.284	F.A./R.V.	1966
.620	.332	.847	F.A./R.V.	1967
.602	.318	.532	F.A./R.V.	1968
* .612	.320	.736	F.A./R.V.	1969
.554	.282	.998	F.A./R.V.	1970
			F.A./R.V.	1971
			F.A./R.V.	1972
75.2	68.2	19.4	Acc/RV/RdM	1966
74.1	64.8	19.1	Acc/RV/RdM	1967
75.5	64.6	21.7	Acc/RV/RdM	1968
77.4	67.0	27.9	Acc/RV/RdM	1969
74.3	55.8	21.9	Acc/RV/RdM	1970
			Acc/RV/RdM	1971
			Acc/RV/RdM	1972
.778	.399	.127	FA/RV/RdM	1966
.757	.379	.379	FA/RV/RdM	1967
.760	.376	.238	FA/RV/RdM	1968
.785	.426	.329	FA/RV/RdM	1969
.684	.321	.446	FA/RV/RdM	1970
			FA/RV/RdM	1971
			FA/RV/RdM	1972
23.4	22.1	4.7	IA/RV/RdM	1966
22.7	21.9	5.1	IA/RV/RdM	1967
23.7	21.5	7.0	IA/RV/RdM	1968
23.8	22.7	6.3	IA/RV/RdM	1969
22.4	19.6	6.4	IA/RV/RdM	1970
			IA/RV/RdM	1971
			IA/RV/RdM	1972

*figures represent actual value times 10^3

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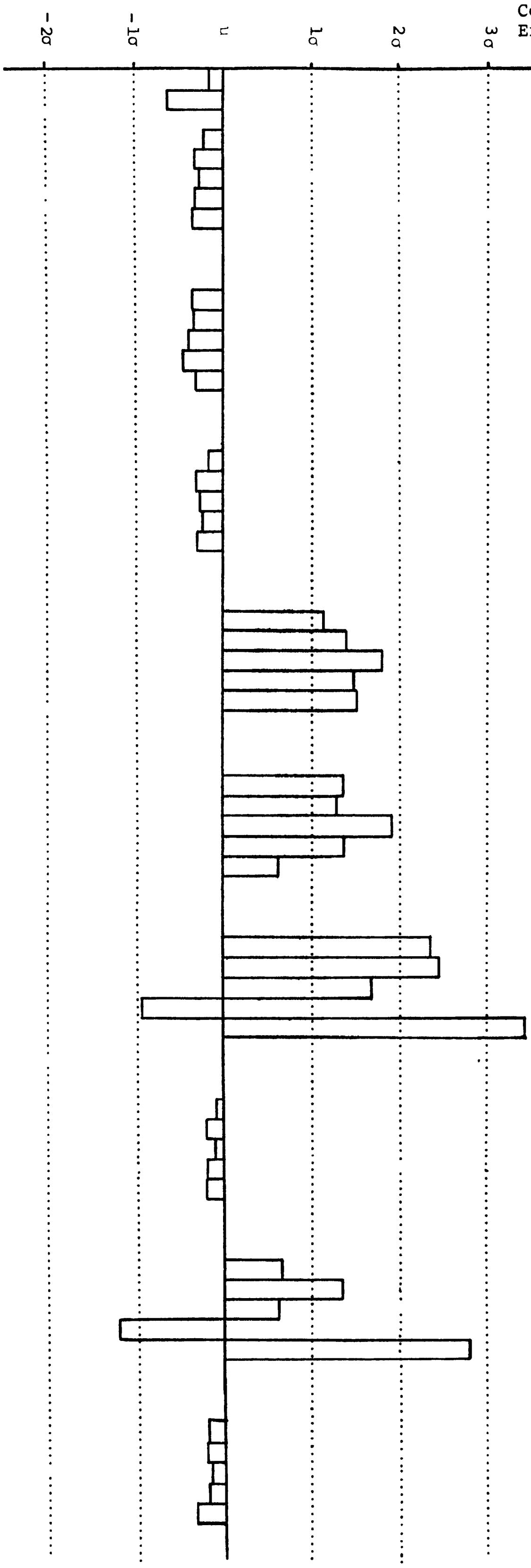
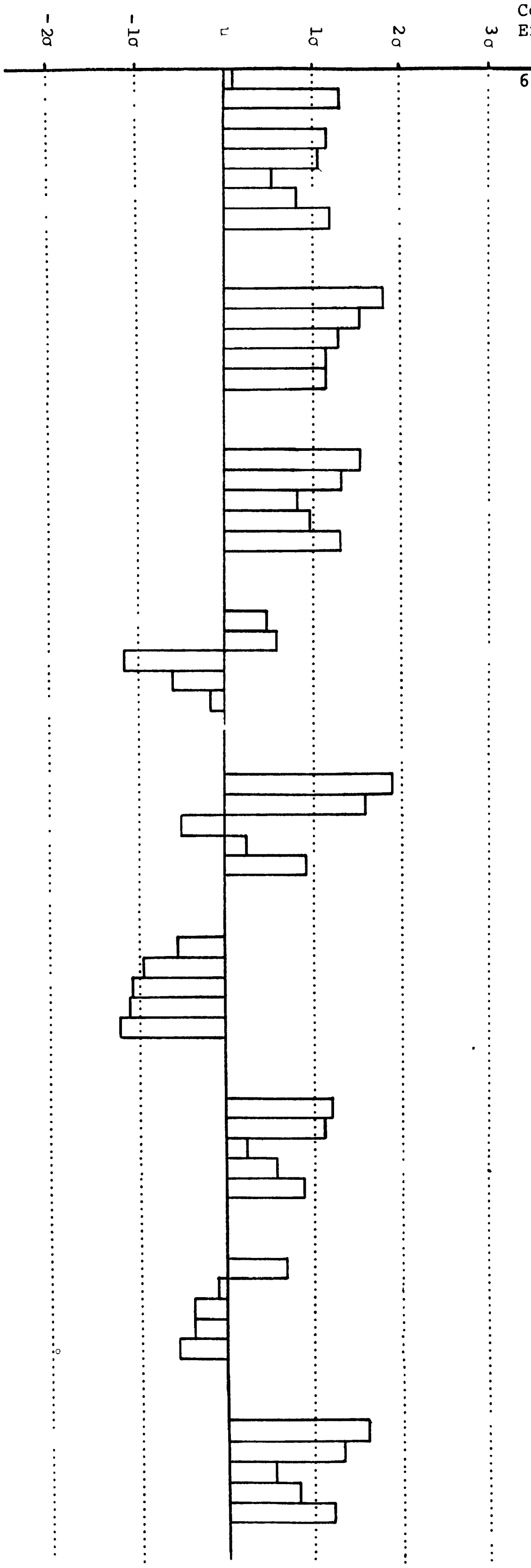


State μ	State σ	County Experience		
399730	2940627	9501	Population	1970
1364.7	813.8	876	Road Miles	1968
3649	13064	401	Accidents	1966
3602	12490	350	Accidents	1967
3680	13067	411	Accidents	1968
3990	13689	407	Accidents	1969
3780	11939	417	Accidents	1970
			Accidents	1971
			Accidents	1972
27.7	57.3	8	Fatalities	1966
25.6	51.3	9	Fatalities	1967
28.8	55.6	8	Fatalities	1968
30.0	60.9	2	Fatalities	1969
26.2	51.5	11	Fatalities	1970
			Fatalities	1971
			Fatalities	1972
1188	6487	209	Injuries	1966
1823	6232	197	Injuries	1967
1933	6796	234	Injuries	1968
2113	7563	231	Injuries	1969
1948	6671	188	Injuries	1970
			Injuries	1971
			Injuries	1972
53.6*	21.0	79.4	Acc/R.V.	1966
51.6*	13.2	71.6	Acc/R.V.	1967
53.4*	12.7	78.2	Acc/R.V.	1968
54.6*	14.0	76.0	Acc/R.V.	1969
53.9*	11.5	75.2	Acc/R.V.	1970
			Acc/R.V.	1971
			Acc/R.V.	1972
16.1*	4.5	22.2	I.A./R.V.	1966
15.5*	4.0	20.7	I.A./R.V.	1967
16.5*	3.9	23.8	I.A./R.V.	1968
16.4*	4.6	22.8	I.A./R.V.	1969
15.8*	3.7	18.0	I.A./R.V.	1970
			I.A./R.V.	1971
			I.A./R.V.	1972
.570*	.267	1.188	F.A./R.V.	1966
.620*	.332	1.431	F.A./R.V.	1967
.602*	.318	1.140	F.A./R.V.	1968
.612*	.320	.373	F.A./R.V.	1969
.554*	.282	1.804	F.A./R.V.	1970
			F.A./R.V.	1971
			F.A./R.V.	1972
75.2	68.2	69.6	Acc/RV/RdM	1966
74.1	64.8	62.6	Acc/RV/RdM	1967
75.5	64.6	68.4	Acc/RV/RdM	1968
77.4	67.0	66.6	Acc/RV/RdM	1969
74.3	55.8	65.9	Acc/RV/RdM	1970
			Acc/RV/RdM	1971
			Acc/RV/RdM	1972
.778	.399	1.041	FA/RV/RdM	1966
.757	.379	1.254	FA/RV/RdM	1967
.760	.376	.999	FA/RV/RdM	1968
.785	.426	.327	FA/RV/RdM	1969
.684	.321	1.580	FA/RV/RdM	1970
			FA/RV/RdM	1971
			FA/RV/RdM	1972
23.4	22.1	19.4	IA/RV/RdM	1966
22.7	21.9	18.1	IA/RV/RdM	1967
23.7	21.5	20.9	IA/RV/RdM	1968
23.8	22.7	20.0	IA/RV/RdM	1969
22.4	19.6	15.8	IA/RV/RdM	1970
			IA/RV/RdM	1971
			IA/RV/RdM	1972

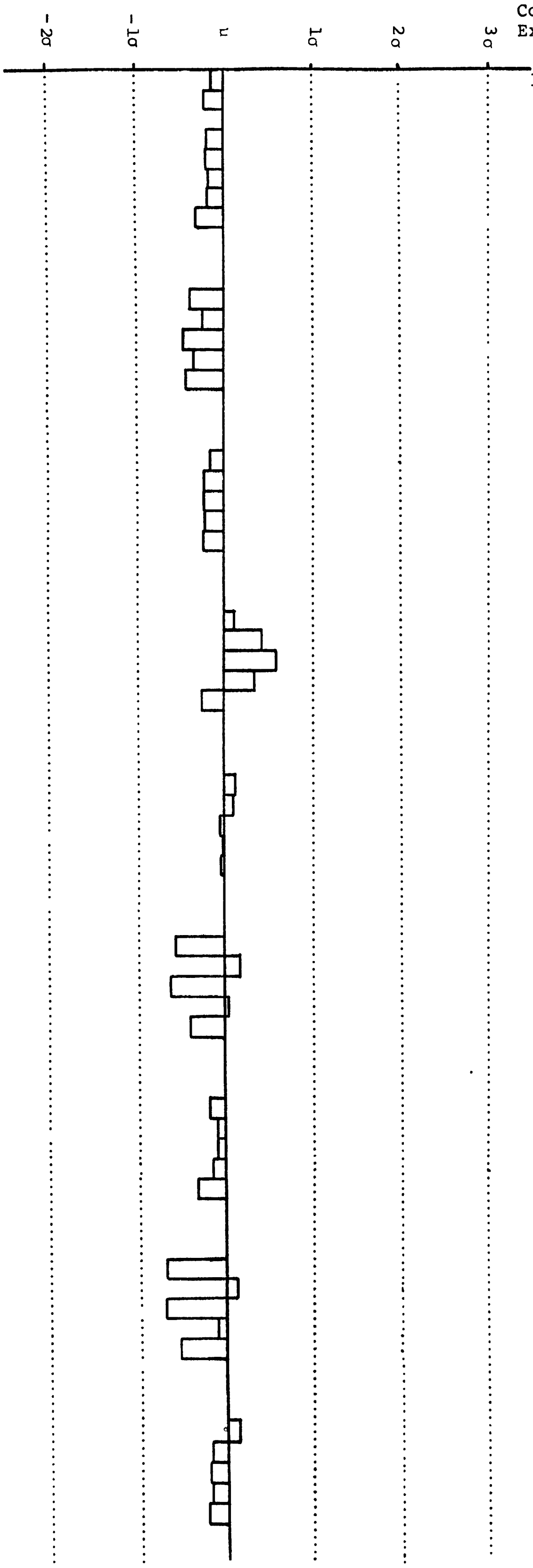
*figures represent actual value times 10^3



State μ	State σ	County Experience		
399730	2940627	620478	Population	1970
1364.7	813.8	2403	Road Miles	1968
3649	13064	18250	Accidents	1966
3602	12490	17150	Accidents	1967
3680	13067	11465	Accidents	1968
3990	13689	15641	Accidents	1969
3780	11939	18097	Accidents	1970
			Accidents	1971
			Accidents	1972
27.7	57.3	130	Fatalities	1966
25.6	51.3	106	Fatalities	1967
28.8	55.6	93	Fatalities	1968
30.0	60.9	98	Fatalities	1969
26.2	51.5	84	Fatalities	1970
			Fatalities	1971
			Fatalities	1972
1188	6487	11059	Injuries	1966
1823	6232	10077	Injuries	1967
1933	6796	7361	Injuries	1968
2113	7563	9408	Injuries	1969
1948	6671	10802	Injuries	1970
			Injuries	1971
			Injuries	1972
*53.6	21.0	65.8	Acc/R.V.	1966
*51.6	13.2	59.7	Acc/R.V.	1967
*53.4	12.7	37.4	Acc/R.V.	1968
*54.6	14.0	47.4	Acc/R.V.	1969
*53.9	11.5	51.6	Acc/R.V.	1970
			Acc/R.V.	1971
			Acc/R.V.	1972
*16.1	4.5	24.1	I.A./R.V.	1966
*15.5	4.0	21.8	I.A./R.V.	1967
*16.5	3.9	14.5	I.A./R.V.	1968
*16.4	4.6	17.5	I.A./R.V.	1969
*15.8	3.7	19.2	I.A./R.V.	1970
			I.A./R.V.	1971
			I.A./R.V.	1972
*.570	.267	.425	F.A./R.V.	1966
*.620	.332	.292	F.A./R.V.	1967
*.602	.318	.257	F.A./R.V.	1968
*.612	.320	.260	F.A./R.V.	1969
*.554	.282	.213	F.A./R.V.	1970
			F.A./R.V.	1971
			F.A./R.V.	1972
75.2	68.2	158.0	Acc/RV/RdM	1966
74.1	64.8	143.3	Acc/RV/RdM	1967
75.5	64.6	89.8	Acc/RV/RdM	1968
77.4	67.0	113.8	Acc/RV/RdM	1969
74.3	55.8	124.0	Acc/RV/RdM	1970
			Acc/RV/RdM	1971
			Acc/RV/RdM	1972
.778	.399	1.021	FA/RV/RdM	1966
.757	.379	.702	FA/RV/RdM	1967
.760	.376	.618	FA/RV/RdM	1968
.785	.426	.626	FA/RV/RdM	1969
.684	.321	.512	FA/RV/RdM	1970
			FA/RV/RdM	1971
			FA/RV/RdM	1972
23.4	22.1	57.9	IA/RV/RdM	1966
22.7	21.9	52.4	IA/RV/RdM	1967
23.7	21.5	34.8	IA/RV/RdM	1968
23.8	22.7	42.1	IA/RV/RdM	1969
22.4	19.6	46.1	IA/RV/RdM	1970
			IA/RV/RdM	1971
			IA/RV/RdM	1972

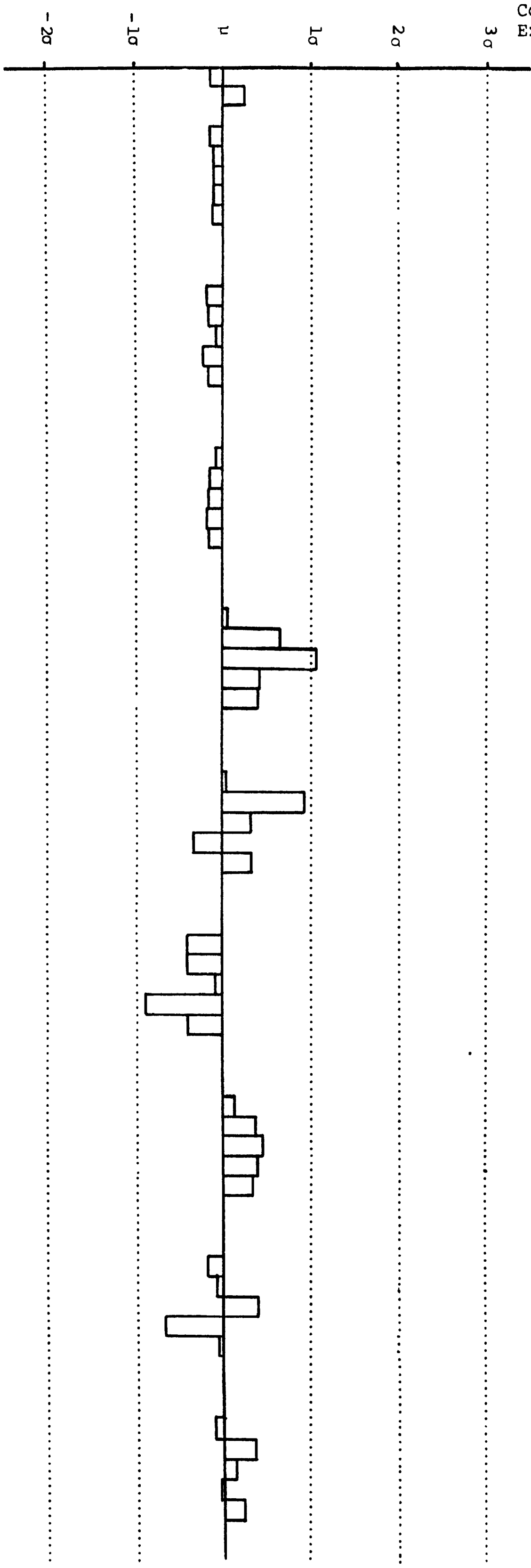
*figures represent actual value times 10^3

MANISTEE



State μ	State σ	County Experience		
399730	2940627	19788	Population	1970
1364.7	813.8	1183	Road Miles	1968
3649	13064	670	Accidents	1966
3602	12490	677	Accidents	1967
3680	13067	755	Accidents	1968
3990	13689	765	Accidents	1969
3780	11939	687	Accidents	1970
			Accidents	1971
			Accidents	1972
27.7	57.3	7	Fatalities	1966
25.6	51.3	13	Fatalities	1967
28.8	55.6	5	Fatalities	1968
30.0	60.9	9	Fatalities	1969
26.2	51.5	6	Fatalities	1970
			Fatalities	1971
			Fatalities	1972
1188	6487	315	Injuries	1966
1823	6232	346	Injuries	1967
1933	6796	317	Injuries	1968
2113	7563	353	Injuries	1969
1948	6671	345	Injuries	1970
			Injuries	1971
			Injuries	1972
*53.6	21.0	55.1	Acc/R.V.	1966
*51.6	13.2	57.4	Acc/R.V.	1967
*53.4	12.7	61.7	Acc/R.V.	1968
*54.6	14.0	59.4	Acc/R.V.	1969
*53.9	11.5	50.7	Acc/R.V.	1970
			Acc/R.V.	1971
			Acc/R.V.	1972
*16.1	4.5	16.6	I.A./R.V.	1966
*15.5	4.0	15.8	I.A./R.V.	1967
*16.5	3.9	16.3	I.A./R.V.	1968
*16.4	4.6	16.3	I.A./R.V.	1969
*15.8	3.7	15.6	I.A./R.V.	1970
			I.A./R.V.	1971
			I.A./R.V.	1972
*.570	.267	.411	F.A./R.V.	1966
*.620	.332	.677	F.A./R.V.	1967
*.602	.318	.408	F.A./R.V.	1968
*.612	.320	.621	F.A./R.V.	1969
*.554	.282	.442	F.A./R.V.	1970
			F.A./R.V.	1971
			F.A./R.V.	1972
75.2	68.2	65.2	Acc/RV/RdM	1966
74.1	64.8	67.8	Acc/RV/RdM	1967
75.5	64.6	73.0	Acc/RV/RdM	1968
77.4	67.0	70.3	Acc/RV/RdM	1969
74.3	55.8	59.9	Acc/RV/RdM	1970
			Acc/RV/RdM	1971
			Acc/RV/RdM	1972
.778	.399	.486	FA/RV/RdM	1966
.757	.379	.801	FA/RV/RdM	1967
.760	.376	.483	FA/RV/RdM	1968
.785	.426	.735	FA/RV/RdM	1969
.684	.321	.523	FA/RV/RdM	1970
			FA/RV/RdM	1971
			FA/RV/RdM	1972
23.4	22.1	25.6	IA/RV/RdM	1966
22.7	21.9	18.7	IA/RV/RdM	1967
23.7	21.5	19.3	IA/RV/RdM	1968
23.8	22.7	19.3	IA/RV/RdM	1969
22.4	19.6	18.5	IA/RV/RdM	1970
			IA/RV/RdM	1971
			IA/RV/RdM	1972

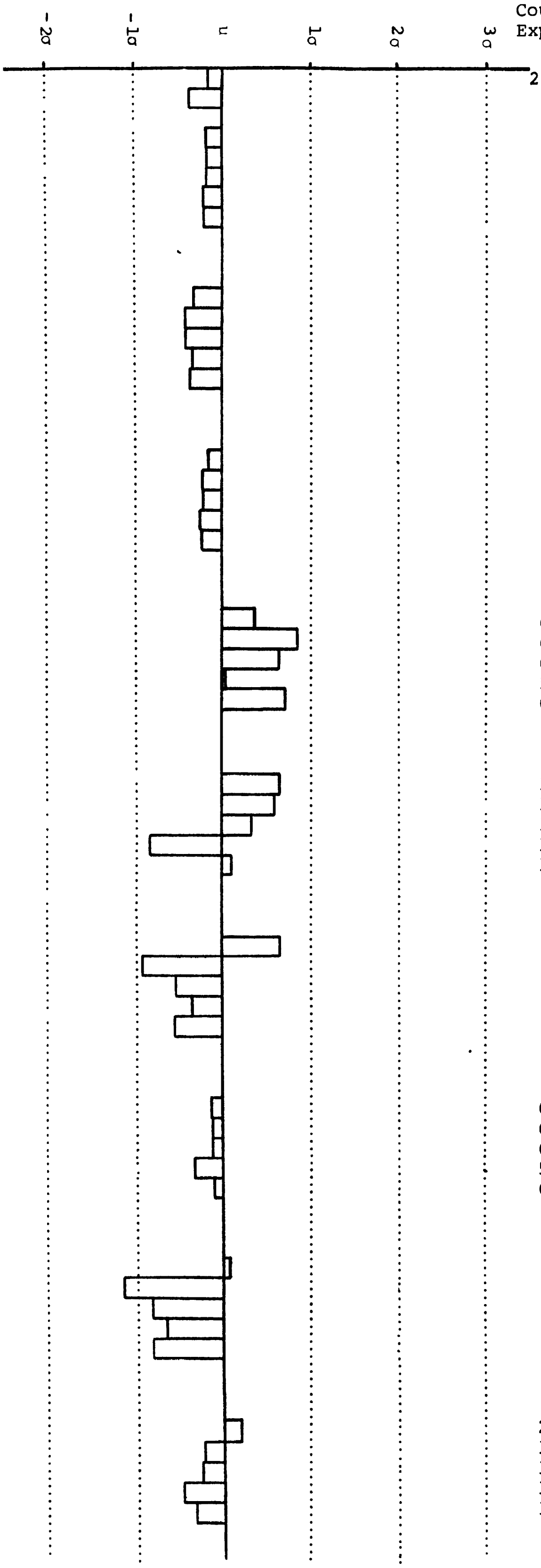
*figures represent actual value times 10^3



State μ	State σ	County Experience		
399730	2940627	63645	Population	1970
1364.7	813.8	1562	Road Miles	1968
3649	13064	1697	Accidents	1966
3602	12490	1910	Accidents	1967
3680	13067	2205	Accidents	1968
3990	13689	2049	Accidents	1969
3780	11939	2018	Accidents	1970
			Accidents	1971
			Accidents	1972
27.7	57.3	16	Fatalities	1966
25.6	51.3	17	Fatalities	1967
28.8	55.6	24	Fatalities	1968
30.0	60.9	15	Fatalities	1969
26.2	51.5	18	Fatalities	1970
			Fatalities	1971
			Fatalities	1972
1188	6487	798	Injuries	1966
1823	6232	950	Injuries	1967
1933	6796	883	Injuries	1968
2113	7563	748	Injuries	1969
1948	6671	890	Injuries	1970
			Injuries	1971
			Injuries	1972
53.6*	21.0	54.2	Acc/R.V.	1966
51.6*	13.2	60.6	Acc/R.V.	1967
53.4*	12.7	68.1	Acc/R.V.	1968
54.6*	14.0	61.4	Acc/R.V.	1969
53.9*	11.5	58.4	Acc/R.V.	1970
			Acc/R.V.	1971
			Acc/R.V.	1972
16.1*	4.5	16.4	I.A./R.V.	1966
15.5*	4.0	19.3	I.A./R.V.	1967
16.5*	3.9	17.7	I.A./R.V.	1968
16.4*	4.6	14.9	I.A./R.V.	1969
15.8*	3.7	16.9	I.A./R.V.	1970
			I.A./R.V.	1971
			I.A./R.V.	1972
.570*	.267	.447	F.A./R.V.	1966
.620*	.332	.475	F.A./R.V.	1967
.602*	.318	.586	F.A./R.V.	1968
.612*	.320	.329	F.A./R.V.	1969
.554*	.282	.433	F.A./R.V.	1970
			F.A./R.V.	1971
			F.A./R.V.	1972
75.2	68.2	84.7	Acc/RV/RdM	1966
74.1	64.8	94.6	Acc/RV/RdM	1967
75.5	64.6	106.3	Acc/RV/RdM	1968
77.4	67.0	95.9	Acc/RV/RdM	1969
74.3	55.8	91.1	Acc/RV/RdM	1970
			Acc/RV/RdM	1971
			Acc/RV/RdM	1972
.778	.399	.698	FA/RV/RdM	1966
.757	.379	.742	FA/RV/RdM	1967
.760	.376	.915	FA/RV/RdM	1968
.785	.426	.515	FA/RV/RdM	1969
.684	.321	.676	FA/RV/RdM	1970
			FA/RV/RdM	1971
			FA/RV/RdM	1972
23.4	22.1	20.3	IA/RV/RdM	1966
22.7	21.9	30.2	IA/RV/RdM	1967
23.7	21.5	26.8	IA/RV/RdM	1968
23.8	22.7	23.3	IA/RV/RdM	1969
22.4	19.6	26.4	IA/RV/RdM	1970
			IA/RV/RdM	1971
			IA/RV/RdM	1972

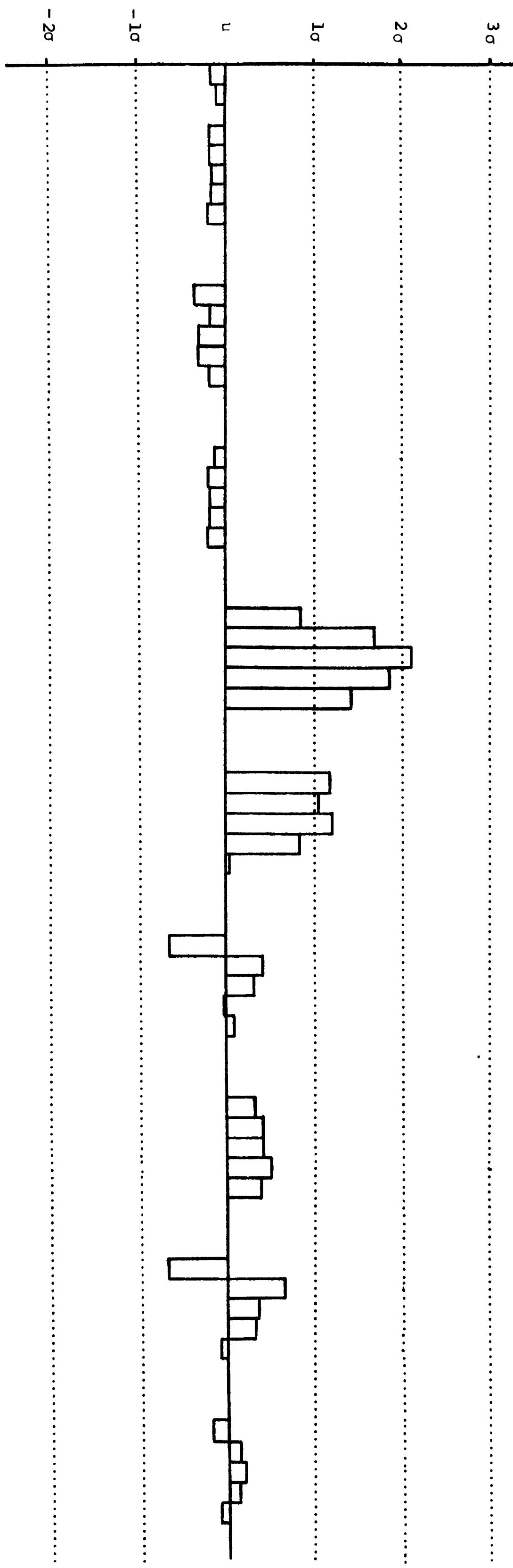
*figur s represent actua value times 10^3

MASON



State μ	State σ	County Experience		
399730	2940627	22171	Population	1970
1364.7	813.8	1063	Road Miles	1968
3649	13064	827	Accidents	1966
3602	12490	822	Accidents	1967
3680	13067	850	Accidents	1968
3990	13689	772	Accidents	1969
3780	11939	941	Accidents	1970
			Accidents	1971
			Accidents	1972
27.7	57.3	10	Fatalities	1966
25.6	51.3	6	Fatalities	1967
28.8	55.6	7	Fatalities	1968
30.0	60.9	11	Fatalities	1969
26.2	51.5	10	Fatalities	1970
			Fatalities	1971
			Fatalities	1972
1188	6487	436	Injuries	1966
1823	6232	384	Injuries	1967
1933	6796	397	Injuries	1968
2113	7563	276	Injuries	1969
1948	6671	387	Injuries	1970
			Injuries	1971
			Injuries	1972
53.6*	21.0	61.6	Acc/R.V.	1966
51.6*	13.2	62.7	Acc/R.V.	1967
53.4*	12.7	62.6	Acc/R.V.	1968
54.6*	14.0	55.0	Acc/R.V.	1969
53.9*	11.5	64.2	Acc/R.V.	1970
			Acc/R.V.	1971
			Acc/R.V.	1972
16.1*	4.5	19.1	I.A./R.V.	1966
15.5*	4.0	18.0	I.A./R.V.	1967
16.5*	3.9	17.8	I.A./R.V.	1968
16.4*	4.6	12.5	I.A./R.V.	1969
15.8*	3.7	16.1	I.A./R.V.	1970
			I.A./R.V.	1971
			I.A./R.V.	1972
.570*	.267	.744	F.A./R.V.	1966
.620*	.332	.305	F.A./R.V.	1967
.602*	.318	.441	F.A./R.V.	1968
.612*	.320	.498	F.A./R.V.	1969
.554*	.282	.409	F.A./R.V.	1970
			F.A./R.V.	1971
			F.A./R.V.	1972
75.2	68.2	65.4	Acc/RV/RdM	1966
74.1	64.8	66.6	Acc/RV/RdM	1967
75.5	64.6	66.5	Acc/RV/RdM	1968
77.4	67.0	58.4	Acc/RV/RdM	1969
74.3	55.8	68.2	Acc/RV/RdM	1970
			Acc/RV/RdM	1971
			Acc/RV/RdM	1972
.778	.399	.791	FA/RV/RdM	1966
.757	.379	.324	FA/RV/RdM	1967
.760	.376	.469	FA/RV/RdM	1968
.785	.426	.530	FA/RV/RdM	1969
.684	.321	.435	FA/RV/RdM	1970
			FA/RV/RdM	1971
			FA/RV/RdM	1972
23.4	22.1	27.9	IA/RV/RdM	1966
22.7	21.9	19.1	IA/RV/RdM	1967
23.7	21.5	18.9	IA/RV/RdM	1968
23.8	22.7	13.3	IA/RV/RdM	1969
22.4	19.6	17.1	IA/RV/RdM	1970
			IA/RV/RdM	1971
			IA/RV/RdM	1972

*figures represent actual value times 10^3



State μ	State σ	County Experience		
399730	2940627	27076	Population	1970
1364.7	813.8	1298	Road Miles	1968
3649	13064	949	Accidents	1966
3602	12490	987	Accidents	1967
3680	13067	1119	Accidents	1968
3990	13689	1229	Accidents	1969
3780	11939	1171	Accidents	1970
			Accidents	1971
			Accidents	1972
27.7	57.3	6	Fatalities	1966
25.6	51.3	16	Fatalities	1967
28.8	55.6	13	Fatalities	1968
30.0	60.9	11	Fatalities	1969
26.2	51.5	16	Fatalities	1970
			Fatalities	1971
			Fatalities	1972
1188	6487	469	Injuries	1966
1823	6232	464	Injuries	1967
1933	6796	505	Injuries	1968
2113	7563	505	Injuries	1969
1948	6671	414	Injuries	1970
			Injuries	1971
			Injuries	1972
*53.6	21.0	73.5	Acc/R.V.	1966
*51.6	13.2	75.7	Acc/R.V.	1967
*53.4	12.7	80.5	Acc/R.V.	1968
*54.6	14.0	82.0	Acc/R.V.	1969
*53.9	11.5	74.6	Acc/R.V.	1970
			Acc/R.V.	1971
			Acc/R.V.	1972
*16.1	4.5	21.5	I.A./R.V.	1966
*15.5	4.0	19.7	I.A./R.V.	1967
*16.5	3.9	21.3	I.A./R.V.	1968
*16.4	4.6	20.4	I.A./R.V.	1969
*15.8	3.7	15.9	I.A./R.V.	1970
			I.A./R.V.	1971
			I.A./R.V.	1972
*.570	.267	.387	F.A./R.V.	1966
*.620	.332	.767	F.A./R.V.	1967
*.602	.318	.719	F.A./R.V.	1968
*.612	.320	.600	F.A./R.V.	1969
*.554	.282	.573	F.A./R.V.	1970
			F.A./R.V.	1971
			F.A./R.V.	1972
75.2	68.2	95.5	Acc/RV/RdM	1966
74.1	64.8	98.2	Acc/RV/RdM	1967
75.5	64.6	104.4	Acc/RV/RdM	1968
77.4	67.0	106.5	Acc/RV/RdM	1969
74.3	55.8	96.8	Acc/RV/RdM	1970
			Acc/RV/RdM	1971
			Acc/RV/RdM	1972
.778	.399	.502	FA/RV/RdM	1966
.757	.379	.996	FA/RV/RdM	1967
.760	.376	.933	FA/RV/RdM	1968
.785	.426	.780	FA/RV/RdM	1969
.684	.321	.744	FA/RV/RdM	1970
			FA/RV/RdM	1971
			FA/RV/RdM	1972
23.4	22.1	19.4	IA/RV/RdM	1966
22.7	21.9	25.6	IA/RV/RdM	1967
23.7	21.5	27.7	IA/RV/RdM	1968
23.8	22.7	26.5	IA/RV/RdM	1969
22.4	19.6	20.6	IA/RV/RdM	1970
			IA/RV/RdM	1971
			IA/RV/RdM	1972

*figures represent actual value times 10^3

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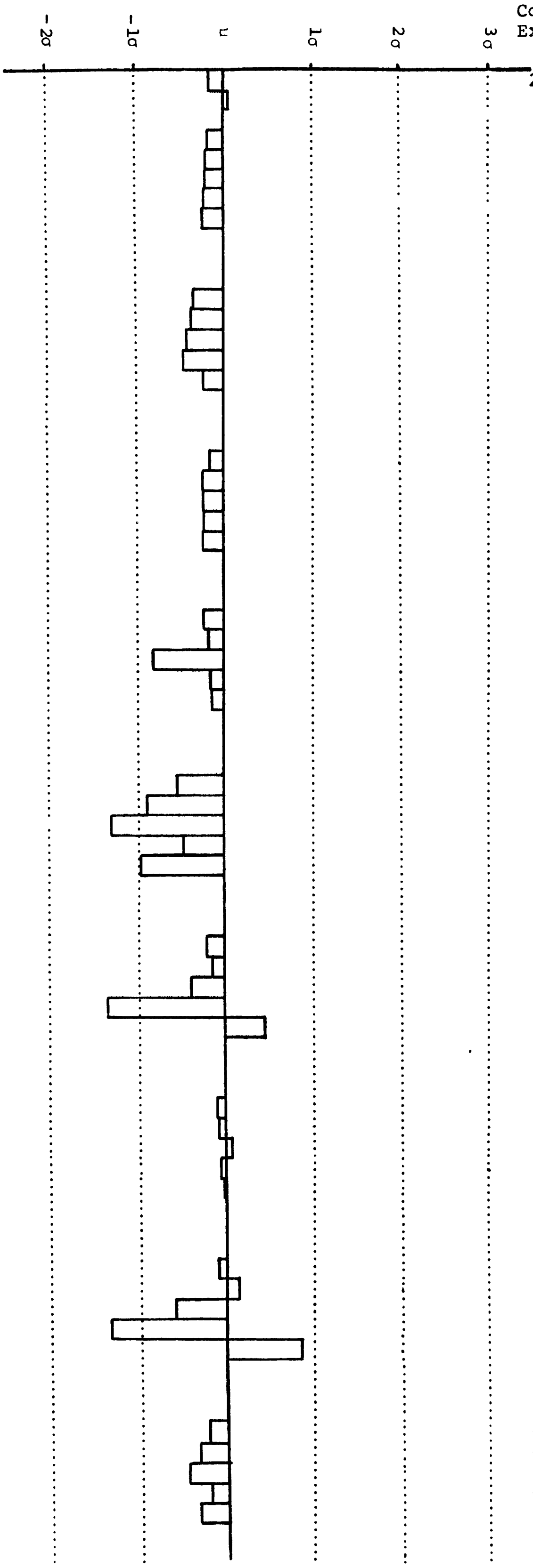
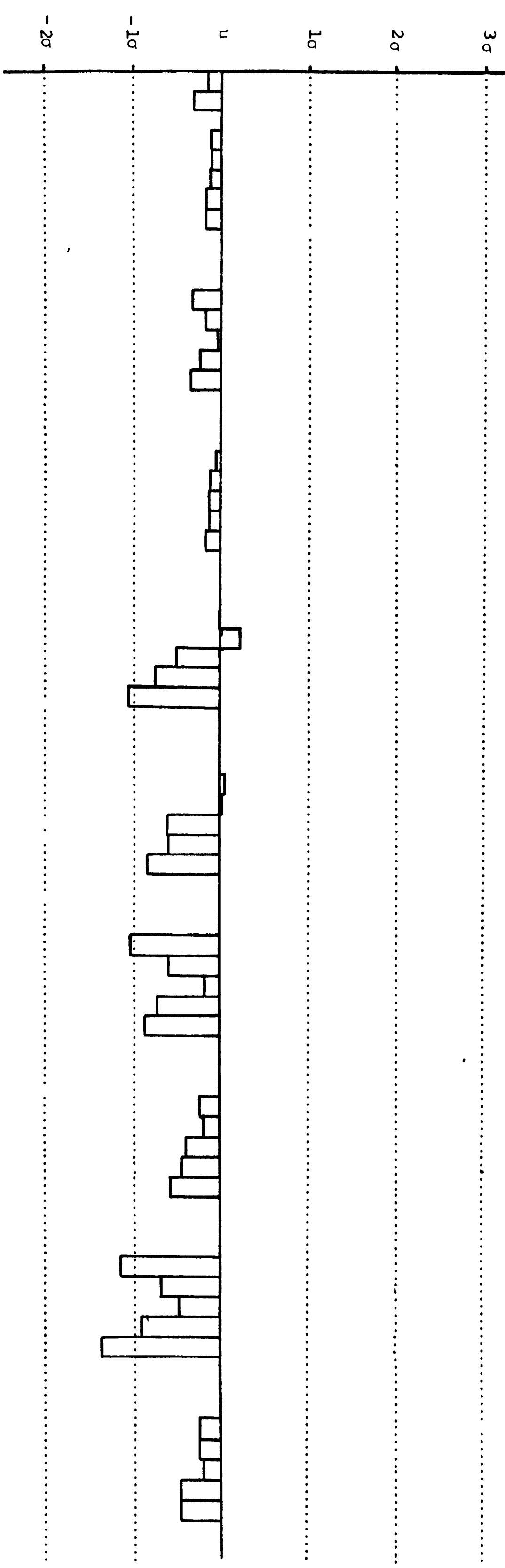


State μ	State σ	County	Experience	Year
399730	2940627	23974	Population	1970
1364.7	813.8	1401	Road Miles	1968
3649	13064	662	Accidents	1966
3602	12490	685	Accidents	1967
3680	13067	625	Accidents	1968
3990	13689	798	Accidents	1969
3780	11939	824	Accidents	1970
			Accidents	1971
			Accidents	1972
27.7	57.3	9	Fatalities	1966
25.6	51.3	8	Fatalities	1967
28.8	55.6	7	Fatalities	1968
30.0	60.9	3	Fatalities	1969
26.2	51.5	14	Fatalities	1970
			Fatalities	1971
			Fatalities	1972
1188	6487	302	Injuries	1966
1823	6232	282	Injuries	1967
1933	6796	277	Injuries	1968
2113	7563	344	Injuries	1969
1948	6671	315	Injuries	1970
			Injuries	1971
			Injuries	1972
* 53.6	21.0	48.4	Acc/R.V.	1966
* 51.6	13.2	49.1	Acc/R.V.	1967
* 53.4	12.7	42.6	Acc/R.V.	1968
* 54.6	14.0	52.6	Acc/R.V.	1969
* 53.9	11.5	52.0	Acc/R.V.	1970
			Acc/R.V.	1971
			Acc/R.V.	1972
* 16.1	4.5	13.8	I.A./R.V.	1966
* 15.5	4.0	11.9	I.A./R.V.	1967
* 16.5	3.9	11.6	I.A./R.V.	1968
* 16.4	4.6	14.1	I.A./R.V.	1969
* 15.8	3.7	12.2	I.A./R.V.	1970
			I.A./R.V.	1971
			I.A./R.V.	1972
* .570	.267	.511	F.A./R.V.	1966
* .620	.332	.573	F.A./R.V.	1967
* .602	.318	.408	F.A./R.V.	1968
* .612	.320	.197	F.A./R.V.	1969
* .554	.282	.693	F.A./R.V.	1970
			F.A./R.V.	1971
			F.A./R.V.	1972
75.2	68.2	67.8	Acc/RV/RdM	1966
74.1	64.8	68.7	Acc/RV/RdM	1967
75.5	64.6	80.8	Acc/RV/RdM	1968
77.4	67.0	73.7	Acc/RV/RdM	1969
74.3	55.8	72.8	Acc/RV/RdM	1970
			Acc/RV/RdM	1971
			Acc/RV/RdM	1972
.778	.399	.716	FA/RV/RdM	1966
.757	.379	.803	FA/RV/RdM	1967
.760	.376	.553	FA/RV/RdM	1968
.785	.426	.277	FA/RV/RdM	1969
.684	.321	.971	FA/RV/RdM	1970
			FA/RV/RdM	1971
			FA/RV/RdM	1972
23.4	22.1	18.3	IA/RV/RdM	1966
22.7	21.9	16.7	IA/RV/RdM	1967
23.7	21.5	14.9	IA/RV/RdM	1968
23.8	22.7	19.8	IA/RV/RdM	1969
22.4	19.6	17.1	IA/RV/RdM	1970
			IA/RV/RdM	1971
			IA/RV/RdM	1972

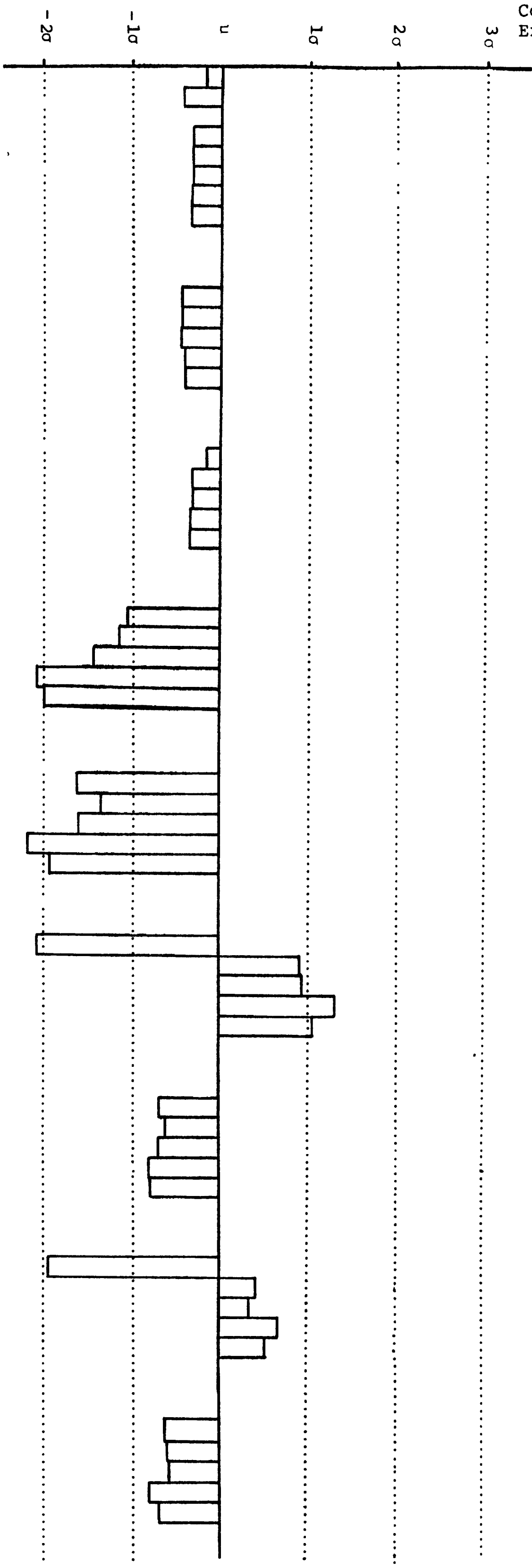
*figures represent actual value times 10^3



State μ	State σ	County Experience		
399730	2940627	63003	Population	1970
1364.7	813.8	1112	Road Miles	1968
3649	13064	1846	Accidents	1966
3602	12490	1964	Accidents	1967
3680	13067	1792	Accidents	1968
3990	13689	1831	Accidents	1969
3780	11939	1688	Accidents	1970
			Accidents	1971
			Accidents	1972
27.7	57.3	12	Fatalities	1966
25.6	51.3	19	Fatalities	1967
28.8	55.6	26	Fatalities	1968
30.0	60.9	16	Fatalities	1969
26.2	51.5	10	Fatalities	1970
			Fatalities	1971
			Fatalities	1972
1188	6487	966	Injuries	1966
1823	6232	958	Injuries	1967
1933	6796	904	Injuries	1968
2113	7563	929	Injuries	1969
1948	6671	879	Injuries	1970
			Injuries	1971
			Injuries	1972
53.6	21.0	53.3	Acc/R.V.	1966
51.6	13.2	53.5	Acc/R.V.	1967
53.4	12.7	46.3	Acc/R.V.	1968
* 54.6	14.0	44.3	Acc/R.V.	1969
53.9	11.5	39.1	Acc/R.V.	1970
			Acc/R.V.	1971
			Acc/R.V.	1972
16.1	4.5	16.4	I.A./R.V.	1966
15.5	4.0	15.6	I.A./R.V.	1967
16.5	3.9	14.1	I.A./R.V.	1968
* 16.4	4.6	13.2	I.A./R.V.	1969
15.8	3.7	12.8	I.A./R.V.	1970
			I.A./R.V.	1971
			I.A./R.V.	1972
.570	.267	.288	F.A./R.V.	1966
.620	.332	.435	F.A./R.V.	1967
.602	.318	.542	F.A./R.V.	1968
* .612	.320	.387	F.A./R.V.	1969
.554	.282	.231	F.A./R.V.	1970
			F.A./R.V.	1971
			F.A./R.V.	1972
75.2	68.2	59.2	Acc/RV/RdM	1966
74.1	64.8	59.4	Acc/RV/RdM	1967
75.5	64.6	51.4	Acc/RV/RdM	1968
77.4	67.0	49.3	Acc/RV/RdM	1969
74.3	55.8	43.5	Acc/RV/RdM	1970
			Acc/RV/RdM	1971
			Acc/RV/RdM	1972
.778	.399	.320	FA/RV/RdM	1966
.757	.379	.484	FA/RV/RdM	1967
.760	.376	.603	FA/RV/RdM	1968
.785	.426	.431	FA/RV/RdM	1969
.684	.321	.257	FA/RV/RdM	1970
			FA/RV/RdM	1971
			FA/RV/RdM	1972
23.4	22.1	18.2	IA/RV/RdM	1966
22.7	21.9	17.4	IA/RV/RdM	1967
23.7	21.5	19.8	IA/RV/RdM	1968
23.8	22.7	14.7	IA/RV/RdM	1969
22.4	19.6	14.2	IA/RV/RdM	1970
			IA/RV/RdM	1971
			IA/RV/RdM	1972

*figures represent actual value times 10^3

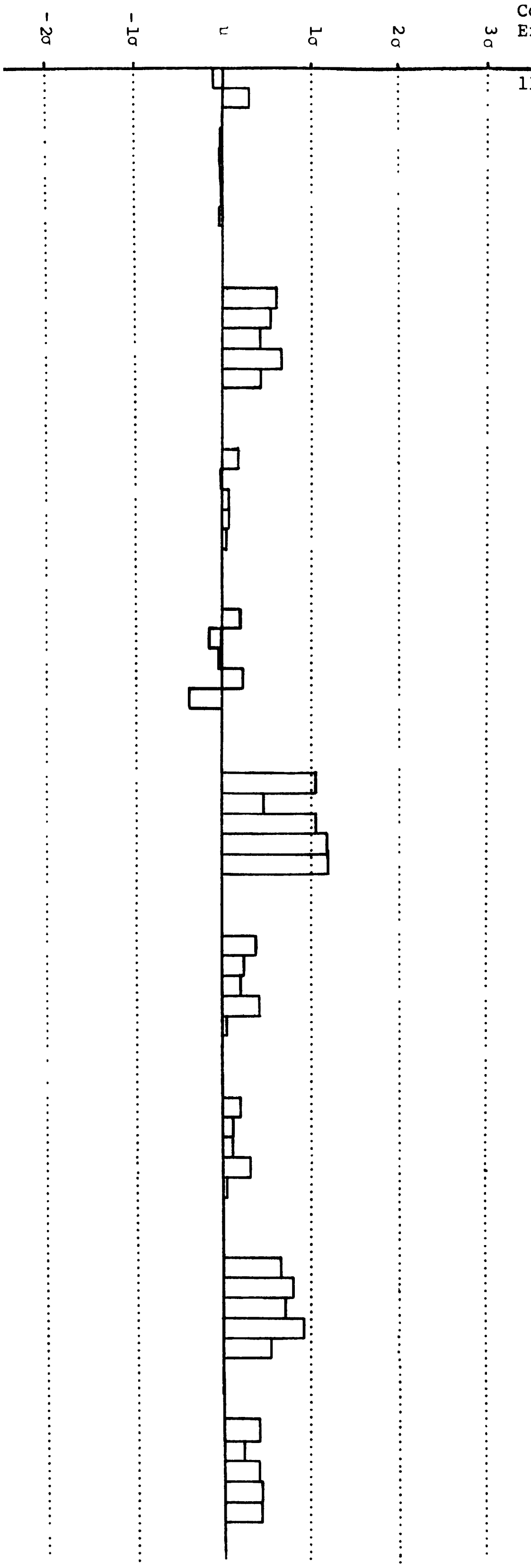
State μ	State σ	County Experience		
399730	2940627	7001	Population	1970
1364.7	813.8	993	Road Miles	1968
3649	13064	129	Accidents	1966
3602	12490	152	Accidents	1967
3680	13067	149	Accidents	1968
3990	13689	118	Accidents	1969
3780	11939	143	Accidents	1970
			Accidents	1971
			Accidents	1972
27.7	57.3	0	Fatalities	1966
25.6	51.3	4	Fatalities	1967
28.8	55.6	4	Fatalities	1968
30.0	60.9	6	Fatalities	1969
26.2	51.5	7	Fatalities	1970
			Fatalities	1971
			Fatalities	1972
1188	6487	57	Injuries	1966
1823	6232	64	Injuries	1967
1933	6796	80	Injuries	1968
2113	7563	59	Injuries	1969
1948	6671	75	Injuries	1970
			Injuries	1971
			Injuries	1972
53.6*	21.0	29.5	Acc/R.V.	1966
51.6*	13.2	35.9	Acc/R.V.	1967
53.4*	12.7	33.5	Acc/R.V.	1968
54.6*	14.0	25.3	Acc/R.V.	1969
53.9*	11.5	30.9	Acc/R.V.	1970
			Acc/R.V.	1971
			Acc/R.V.	1972
16.1*	4.5	9.1	I.A./R.V.	1966
15.5*	4.0	10.1	I.A./R.V.	1967
16.5*	3.9	10.6	I.A./R.V.	1968
16.4*	4.6	5.6	I.A./R.V.	1969
15.8*	3.7	8.6	I.A./R.V.	1970
			I.A./R.V.	1971
			I.A./R.V.	1972
.570*	.267	0	F.A./R.V.	1966
.620*	.332	.943	F.A./R.V.	1967
.602*	.318	.899	F.A./R.V.	1968
.612*	.320	1.071	F.A./R.V.	1969
.554*	.282	.863	F.A./R.V.	1970
			F.A./R.V.	1971
			F.A./R.V.	1972
75.2	68.2	29.3	Acc/RV/RdM	1966
74.1	64.8	35.5	Acc/RV/RdM	1967
75.5	64.6	33.2	Acc/RV/RdM	1968
77.4	67.0	25.1	Acc/RV/RdM	1969
74.3	55.8	30.6	Acc/RV/RdM	1970
			Acc/RV/RdM	1971
			Acc/RV/RdM	1972
.778	.399	0	FA/RV/RdM	1966
.757	.379	.936	FA/RV/RdM	1967
.760	.376	.893	FA/RV/RdM	1968
.785	.426	1.064	FA/RV/RdM	1969
.684	.321	.857	FA/RV/RdM	1970
			FA/RV/RdM	1971
			FA/RV/RdM	1972
23.4	22.1	9.0	IA/RV/RdM	1966
22.7	21.9	10.0	IA/RV/RdM	1967
23.7	21.5	10.5	IA/RV/RdM	1968
23.8	22.7	5.6	IA/RV/RdM	1969
22.4	19.6	8.6	IA/RV/RdM	1970
			IA/RV/RdM	1971
			IA/RV/RdM	1972



*figures represent actual value times 10^3

MISSAUKEE

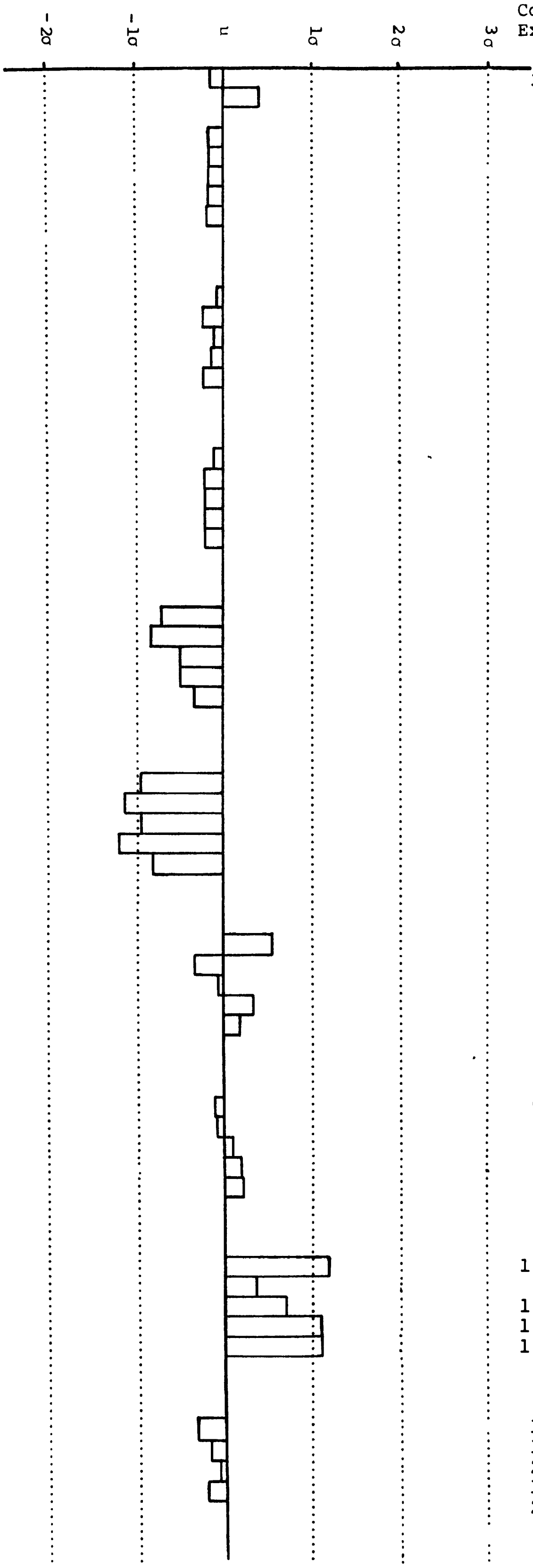
MONROE



State μ	State σ	County Experience		
399730	2940627	117625	Population	1970
1364.7	813.8	1557	Road Miles	1968
3649	13064	3521	Accidents	1966
3602	12490	3155	Accidents	1967
3680	13067	3491	Accidents	1968
3990	13689	3957	Accidents	1969
3780	11939	3503	Accidents	1970
			Accidents	1971
			Accidents	1972
27.7	57.3	61	Fatalities	1966
25.6	51.3	54	Fatalities	1967
28.8	55.6	55	Fatalities	1968
30.0	60.9	68	Fatalities	1969
26.2	51.5	51	Fatalities	1970
			Fatalities	1971
			Fatalities	1972
1188	6487	2141	Injuries	1966
1823	6232	1777	Injuries	1967
1933	6796	2235	Injuries	1968
2113	7563	2511	Injuries	1969
1948	6671	2397	Injuries	1970
			Injuries	1971
			Injuries	1972
*53.6	21.0	56.2	Acc/R.V.	1966
*51.6	13.2	50.3	Acc/R.V.	1967
*53.4	12.7	52.8	Acc/R.V.	1968
*54.6	14.0	57.2	Acc/R.V.	1969
*53.9	11.5	48.6	Acc/R.V.	1970
			Acc/R.V.	1971
			Acc/R.V.	1972
*16.1	4.5	20.8	I.A./R.V.	1966
*15.5	4.0	17.5	I.A./R.V.	1967
*16.5	3.9	20.6	I.A./R.V.	1968
*16.4	4.6	22.1	I.A./R.V.	1969
*15.8	3.7	20.3	I.A./R.V.	1970
			I.A./R.V.	1971
			I.A./R.V.	1972
*.570	.267	.669	F.A./R.V.	1966
*.620	.332	.701	F.A./R.V.	1967
*.602	.318	.665	F.A./R.V.	1968
*.612	.320	.751	F.A./R.V.	1969
*.554	.282	.568	F.A./R.V.	1970
			F.A./R.V.	1971
			F.A./R.V.	1972
75.2	68.2	87.4	Acc/RV/RdM	1966
74.1	64.8	78.3	Acc/RV/RdM	1967
75.5	64.6	82.2	Acc/RV/RdM	1968
77.4	67.0	89.0	Acc/RV/RdM	1969
74.3	55.8	75.6	Acc/RV/RdM	1970
			Acc/RV/RdM	1971
			Acc/RV/RdM	1972
.778	.399	1.042	FA/RV/RdM	1966
.757	.379	1.091	FA/RV/RdM	1967
.760	.376	1.035	FA/RV/RdM	1968
.785	.426	1.169	FA/RV/RdM	1969
.684	.321	.884	FA/RV/RdM	1970
			FA/RV/RdM	1971
			FA/RV/RdM	1972
23.4	22.1	32.4	IA/RV/RdM	1966
22.7	21.9	27.3	IA/RV/RdM	1967
23.7	21.5	32.1	IA/RV/RdM	1968
23.8	22.7	34.4	IA/RV/RdM	1969
22.4	19.6	31.6	IA/RV/RdM	1970
			IA/RV/RdM	1971
			IA/RV/RdM	1972

*figures represent actual value times 10^3

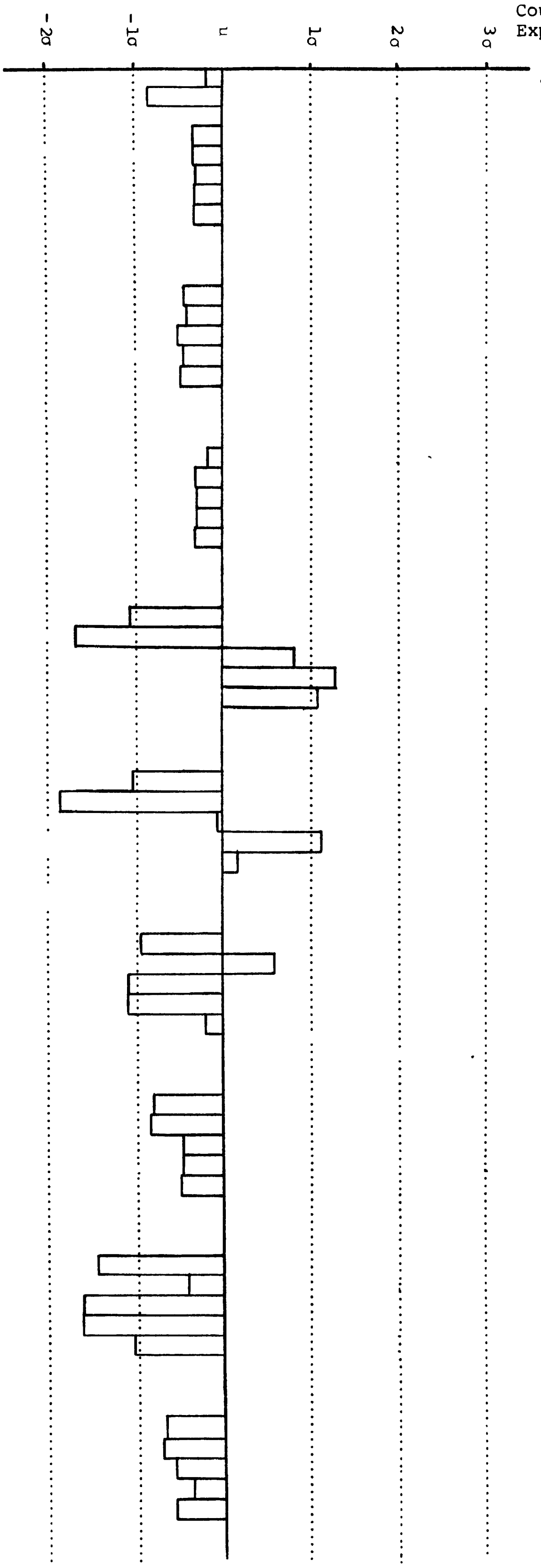
MONTCALM



State μ	State σ	County Experience		
399730	2940627	38851	Population	1970
1364.7	813.8	1737	Road Miles	1968
3649	13064	1016	Accidents	1966
3602	12490	1040	Accidents	1967
3680	13067	1259	Accidents	1968
3990	13689	1350	Accidents	1969
3780	11939	1410	Accidents	1970
			Accidents	1971
			Accidents	1972
27.7	57.3	23	Fatalities	1966
25.6	51.3	15	Fatalities	1967
28.8	55.6	22	Fatalities	1968
30.0	60.9	21	Fatalities	1969
26.2	51.5	17	Fatalities	1970
			Fatalities	1971
			Fatalities	1972
1188	6487	561	Injuries	1966
1823	6232	530	Injuries	1967
1933	6796	584	Injuries	1968
2113	7563	500	Injuries	1969
1948	6671	626	Injuries	1970
			Injuries	1971
			Injuries	1972
53.6*	21.0	38.8	Acc/R.V.	1966
51.6*	13.2	40.8	Acc/R.V.	1967
53.4*	12.7	46.9	Acc/R.V.	1968
54.6*	14.0	48.3	Acc/R.V.	1969
53.9*	11.5	49.5	Acc/R.V.	1970
			Acc/R.V.	1971
			Acc/R.V.	1972
16.1*	4.5	11.7	I.A./R.V.	1966
15.5*	4.0	11.0	I.A./R.V.	1967
16.5*	3.9	12.8	I.A./R.V.	1968
16.4*	4.6	11.1	I.A./R.V.	1969
15.8*	3.7	12.9	I.A./R.V.	1970
			I.A./R.V.	1971
			I.A./R.V.	1972
.570*	.267	.725	F.A./R.V.	1966
.620*	.332	.510	F.A./R.V.	1967
.602*	.318	.595	F.A./R.V.	1968
.612*	.320	.715	F.A./R.V.	1969
.554*	.282	.597	F.A./R.V.	1970
			F.A./R.V.	1971
			F.A./R.V.	1972
75.2	68.2	67.4	Acc/RV/RdM	1966
74.1	64.8	70.9	Acc/RV/RdM	1967
75.5	64.6	81.4	Acc/RV/RdM	1968
77.4	67.0	83.9	Acc/RV/RdM	1969
74.3	55.8	86.0	Acc/RV/RdM	1970
			Acc/RV/RdM	1971
			Acc/RV/RdM	1972
.778	.399	1.259	FA/RV/RdM	1966
.757	.379	.886	FA/RV/RdM	1967
.760	.376	1.034	FA/RV/RdM	1968
.785	.426	1.243	FA/RV/RdM	1969
.684	.321	1.037	FA/RV/RdM	1970
			FA/RV/RdM	1971
			FA/RV/RdM	1972
23.4	22.1	17.4	IA/RV/RdM	1966
22.7	21.9	19.1	IA/RV/RdM	1967
23.7	21.5	22.2	IA/RV/RdM	1968
23.8	22.7	19.3	IA/RV/RdM	1969
22.4	19.6	22.4	IA/RV/RdM	1970
			IA/RV/RdM	1971
			IA/RV/RdM	1972

*figures represent actual value times 10^3

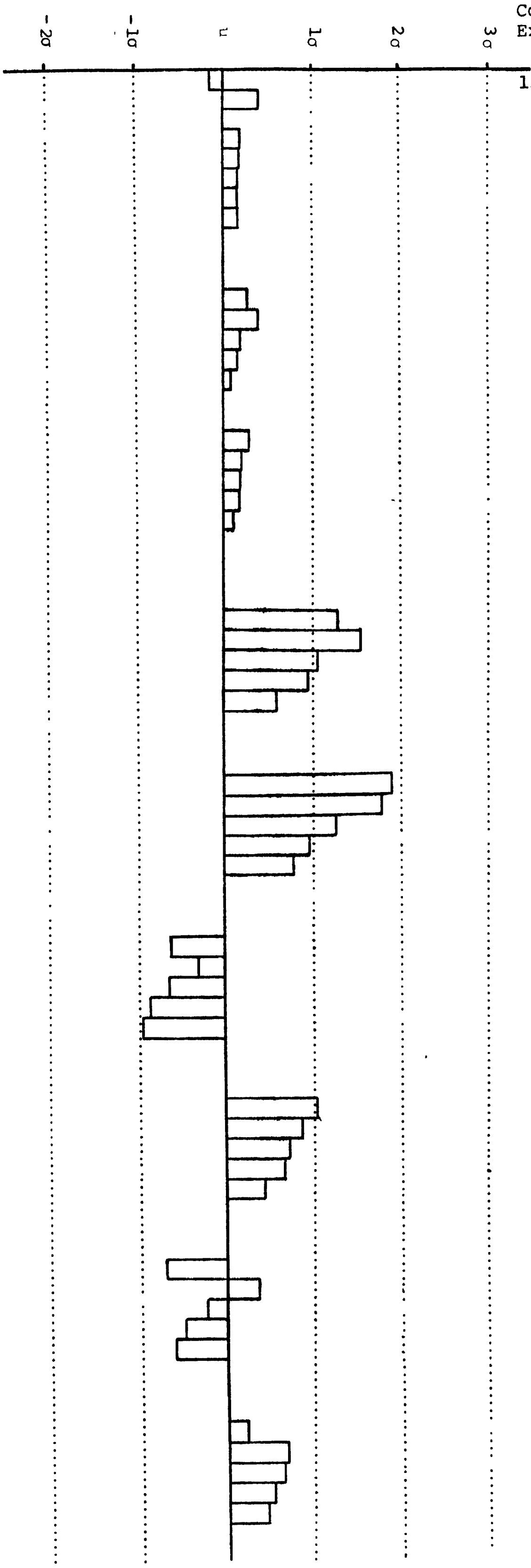
MONTMORENCY



State μ	State σ	County Experience		Year
399730	2940627	4757	Population	1970
1364.7	813.8	705	Road Miles	1968
3649	13064	93	Accidents	1966
3602	12490	98	Accidents	1967
3680	13067	243	Accidents	1968
3990	13689	279	Accidents	1969
3780	11939	264	Accidents	1970
			Accidents	1971
			Accidents	1972
27.7	57.3	1	Fatalities	1966
25.6	51.3	4	Fatalities	1967
28.8	55.6	1	Fatalities	1968
30.0	60.9	1	Fatalities	1969
26.2	51.5	2	Fatalities	1970
			Fatalities	1971
			Fatalities	1972
1188	6487	71	Injuries	1966
1823	6232	69	Injuries	1967
1933	6796	107	Injuries	1968
2113	7563	124	Injuries	1969
1948	6671	95	Injuries	1970
			Injuries	1971
			Injuries	1972
* 53.6	21.0	28.8	Acc/R.V.	1966
* 51.6	13.2	27.3	Acc/R.V.	1967
* 53.4	12.7	64.3	Acc/R.V.	1968
* 54.6	14.0	72.9	Acc/R.V.	1969
* 53.9	11.5	66.7	Acc/R.V.	1970
			Acc/R.V.	1971
			Acc/R.V.	1972
* 16.1	4.5	11.4	I.A./R.V.	1966
* 15.5	4.0	9.2	I.A./R.V.	1967
* 16.5	3.9	16.2	I.A./R.V.	1968
* 16.4	4.6	21.9	I.A./R.V.	1969
* 15.8	3.7	16.4	I.A./R.V.	1970
			I.A./R.V.	1971
			I.A./R.V.	1972
* .570	.267	.309	F.A./R.V.	1966
* .620	.332	.834	F.A./R.V.	1967
* .602	.318	.264	F.A./R.V.	1968
* .612	.320	.261	F.A./R.V.	1969
* .554	.282	.505	F.A./R.V.	1970
			F.A./R.V.	1971
			F.A./R.V.	1972
75.2	68.2	20.3	Acc/RV/RdM	1966
74.1	64.8	19.2	Acc/RV/RdM	1967
75.5	64.6	45.3	Acc/RV/RdM	1968
77.4	67.0	51.4	Acc/RV/RdM	1969
74.3	55.8	47.0	Acc/RV/RdM	1970
			Acc/RV/RdM	1971
			Acc/RV/RdM	1972
.778	.399	.218	FA/RV/RdM	1966
.757	.379	.588	FA/RV/RdM	1967
.760	.376	.186	FA/RV/RdM	1968
.785	.426	.184	FA/RV/RdM	1969
.684	.321	.356	FA/RV/RdM	1970
			FA/RV/RdM	1971
			FA/RV/RdM	1972
23.4	22.1	8.0	IA/RV/RdM	1966
22.7	21.9	6.5	IA/RV/RdM	1967
23.7	21.5	11.4	IA/RV/RdM	1968
23.8	22.7	15.4	IA/RV/RdM	1969
22.4	19.6	11.6	IA/RV/RdM	1970
			IA/RV/RdM	1971
			IA/RV/RdM	1972

*figures represent actual value times 10^3

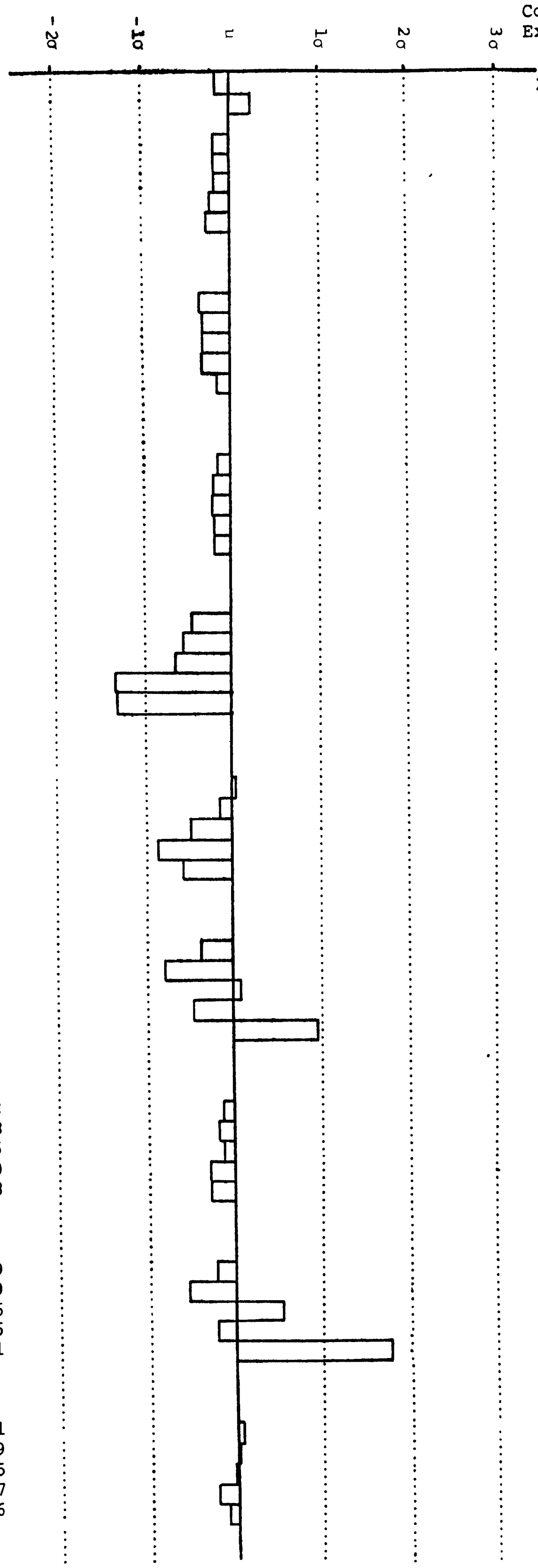
MUSKEGON



State μ	State σ	County Experience		
399730	2940627	156077	Population	1970
1364.7	813.8	1720	Road Miles	1968
3649	13064	6379	Accidents	1966
3602	12490	6331	Accidents	1967
3680	13067	6112	Accidents	1968
3990	13689	6371	Accidents	1969
3780	11939	5926	Accidents	1970
			Accidents	1971
			Accidents	1972
27.7	57.3	43	Fatalities	1966
25.6	51.3	48	Fatalities	1967
28.8	55.6	40	Fatalities	1968
30.0	60.9	39	Fatalities	1969
26.2	51.5	31	Fatalities	1970
			Fatalities	1971
			Fatalities	1972
1188	6487	2996	Injuries	1966
1823	6232	3106	Injuries	1967
1933	6796	2937	Injuries	1968
2113	7563	3170	Injuries	1969
1948	6671	2878	Injuries	1970
			Injuries	1971
			Injuries	1972
*53.6	21.0	83.3	Acc/R.V.	1966
*51.6	13.2	73.7	Acc/R.V.	1967
*53.4	12.7	68.7	Acc/R.V.	1968
*54.6	14.0	68.5	Acc/R.V.	1969
*53.9	11.5	61.3	Acc/R.V.	1970
			Acc/R.V.	1971
			Acc/R.V.	1972
*16.1	4.5	24.5	I.A./R.V.	1966
*15.5	4.0	22.2	I.A./R.V.	1967
*16.5	3.9	21.5	I.A./R.V.	1968
*16.4	4.6	20.9	I.A./R.V.	1969
*15.8	3.7	18.6	I.A./R.V.	1970
			I.A./R.V.	1971
			I.A./R.V.	1972
*.570	.267	.404	F.A./R.V.	1966
*.620	.332	.523	F.A./R.V.	1967
*.602	.318	.393	F.A./R.V.	1968
*.612	.320	.354	F.A./R.V.	1969
*.554	.282	.289	F.A./R.V.	1970
			F.A./R.V.	1971
			F.A./R.V.	1972
75.2	68.2	143.3	Acc/RV/RdM	1966
74.1	64.8	126.7	Acc/RV/RdM	1967
75.5	64.6	118.0	Acc/RV/RdM	1968
77.4	67.0	117.8	Acc/RV/RdM	1969
74.3	55.8	105.3	Acc/RV/RdM	1970
			Acc/RV/RdM	1971
			Acc/RV/RdM	1972
.778	.399	.483	FA/RV/RdM	1966
.757	.379	.900	FA/RV/RdM	1967
.760	.376	.676	FA/RV/RdM	1968
.785	.426	.610	FA/RV/RdM	1969
.684	.321	.497	FA/RV/RdM	1970
			FA/RV/RdM	1971
			FA/RV/RdM	1972
23.4	22.1	27.9	IA/RV/RdM	1966
22.7	21.9	38.2	IA/RV/RdM	1967
23.7	21.5	37.0	IA/RV/RdM	1968
23.8	22.7	36.0	IA/RV/RdM	1969
22.4	19.6	32.0	IA/RV/RdM	1970
			IA/RV/RdM	1971
			IA/RV/RdM	1972

*figures represent actual value times 10^3

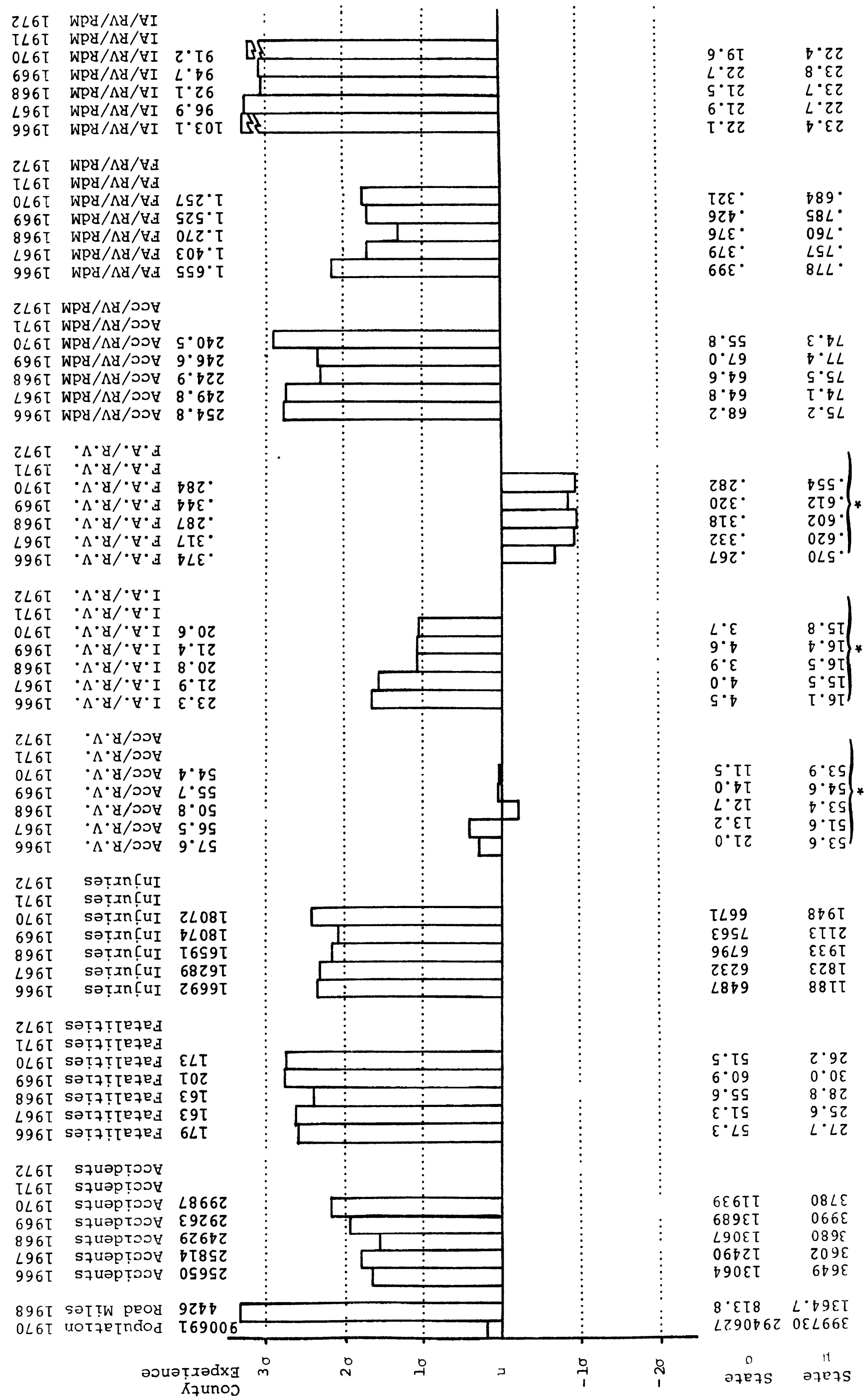
NEWAYGO



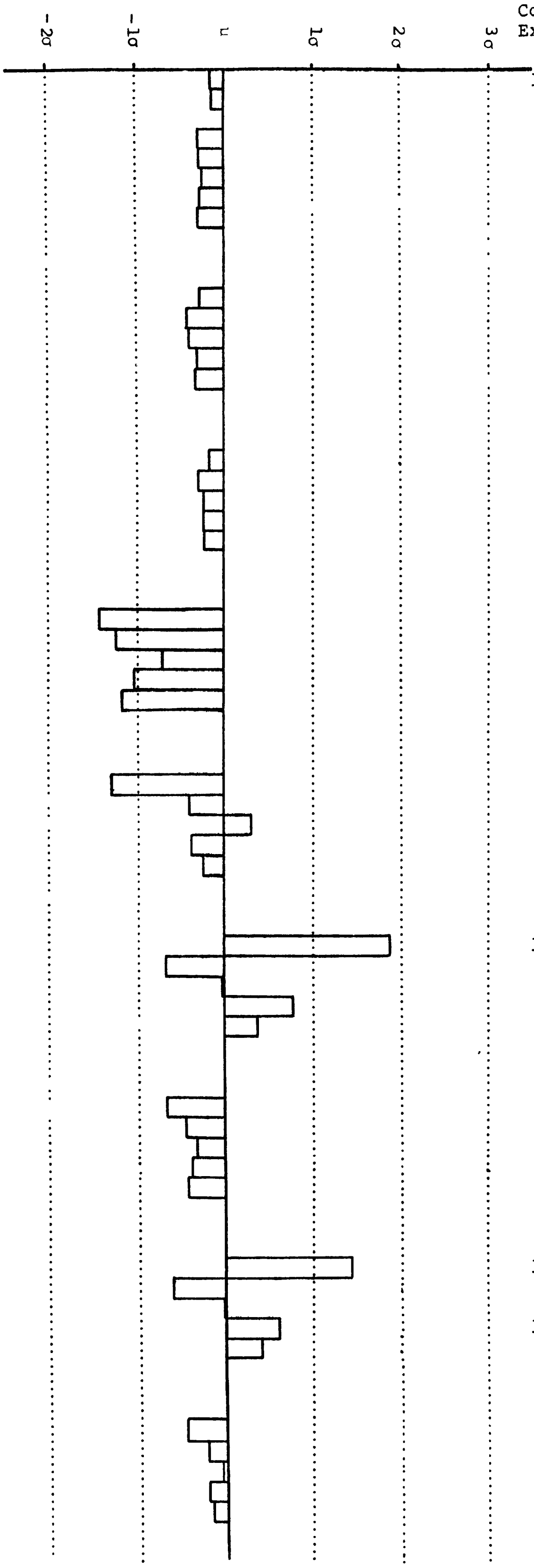
State μ	State σ	County Experience		
399730	2940627	27391	Population	1970
1364.7	813.8	1525	Road Miles	1968
3649	13064	673	Accidents	1966
3602	12490	722	Accidents	1967
3680	13067	784	Accidents	1968
3990	13689	698	Accidents	1969
3780	11939	772	Accidents	1970
			Accidents	1971
			Accidents	1972
27.7	57.3	7	Fatalities	1966
25.6	51.3	10	Fatalities	1967
28.8	55.6	12	Fatalities	1968
30.0	60.9	11	Fatalities	1969
26.2	51.5	18	Fatalities	1970
			Fatalities	1971
			Fatalities	1972
1188	6487	429	Injuries	1966
1823	6232	422	Injuries	1967
1933	6796	381	Injuries	1968
2113	7563	404	Injuries	1969
1948	6671	445	Injuries	1970
			Injuries	1971
			Injuries	1972
53.6*	21.0	43.7	Acc/R.V.	1966
51.6*	13.2	44.3	Acc/R.V.	1967
53.4*	12.7	44.9	Acc/R.V.	1968
54.6*	14.0	36.6	Acc/R.V.	1969
53.9*	11.5	39.5	Acc/R.V.	1970
			Acc/R.V.	1971
			Acc/R.V.	1972
16.1*	4.5	16.2	I.A./R.V.	1966
15.5*	4.0	15.0	I.A./R.V.	1967
16.5*	3.9	14.6	I.A./R.V.	1968
16.4*	4.6	12.4	I.A./R.V.	1969
15.8*	3.7	13.7	I.A./R.V.	1970
			I.A./R.V.	1971
			I.A./R.V.	1972
.570*	.267	.454	F.A./R.V.	1966
.620*	.332	.368	F.A./R.V.	1967
.602*	.318	.629	F.A./R.V.	1968
.612*	.320	.472	F.A./R.V.	1969
.554*	.282	.817	F.A./R.V.	1970
			F.A./R.V.	1971
			F.A./R.V.	1972
75.2	68.2	66.7	Acc/RV/RdM	1966
74.1	64.8	63.0	Acc/RV/RdM	1967
75.5	64.6	68.4	Acc/RV/RdM	1968
77.4	67.0	55.9	Acc/RV/RdM	1969
74.3	55.8	60.1	Acc/RV/RdM	1970
			Acc/RV/RdM	1971
			Acc/RV/RdM	1972
.778	.399	.692	FA/RV/RdM	1966
.757	.379	.561	FA/RV/RdM	1967
.760	.376	.959	FA/RV/RdM	1968
.785	.426	.721	FA/RV/RdM	1969
.684	.321	1.246	FA/RV/RdM	1970
			FA/RV/RdM	1971
			FA/RV/RdM	1972
23.4	22.1	24.7	IA/RV/RdM	1966
22.7	21.9	22.9	IA/RV/RdM	1967
23.7	21.5	22.3	IA/RV/RdM	1968
23.8	22.7	18.9	IA/RV/RdM	1969
22.4	19.6	20.9	IA/RV/RdM	1970
			IA/RV/RdM	1971
			IA/RV/RdM	1972

*figures represent actual value times $.0^3$

*figures represent actual value times 10³


State μ
State σ
-2σ
-1σ
μ
1σ
2σ
3σ
County Experience
399730 2940627 900691 Population 1970
1364.7 813.8 4426 Road Miles 1968
3649 13064 25650 Accidents 1966
3602 12490 25814 Accidents 1967
3680 13067 24929 Accidents 1968
3990 13689 29263 Accidents 1969
3780 11939 29987 Accidents 1970
Accidents 1971
Accidents 1972
27.7 57.3 179 Fatalities 1966
25.6 51.3 163 Fatalities 1967
28.8 55.6 163 Fatalities 1968
30.0 60.9 201 Fatalities 1969
26.2 51.5 173 Fatalities 1970
Fatalities 1971
Fatalities 1972
1188 6487 16692 Injuries 1966
1823 6232 16289 Injuries 1967
1933 6796 16591 Injuries 1968
2113 7563 18074 Injuries 1969
1948 6671 18072 Injuries 1970
Injuries 1971
Injuries 1972
53.6 21.0 57.6 Acc/R.V. 1966
51.6 13.2 56.5 Acc/R.V. 1967
53.4 12.7 50.8 Acc/R.V. 1968
* 54.6 14.0 55.7 Acc/R.V. 1969
53.9 11.5 54.4 Acc/R.V. 1970
Acc/R.V. 1971
Acc/R.V. 1972
16.1 4.5 23.3 I.A./R.V. 1966
15.5 4.0 21.9 I.A./R.V. 1967
16.5 3.9 20.8 I.A./R.V. 1968
* 16.4 4.6 21.4 I.A./R.V. 1969
15.8 3.7 20.6 I.A./R.V. 1970
I.A./R.V. 1971
I.A./R.V. 1972
.570 .267 .374 F.A./R.V. 1966
.620 .332 .317 F.A./R.V. 1967
.602 .318 .287 F.A./R.V. 1968
* .612 .320 .344 F.A./R.V. 1969
.554 .282 .284 F.A./R.V. 1970
F.A./R.V. 1971
F.A./R.V. 1972
75.2 68.2 254.8 Acc/RV/RdM 1966
74.1 64.8 249.8 Acc/RV/RdM 1967
75.5 64.6 224.9 Acc/RV/RdM 1968
77.4 67.0 246.6 Acc/RV/RdM 1969
74.3 55.8 240.5 Acc/RV/RdM 1970
Acc/RV/RdM 1971
Acc/RV/RdM 1972
.778 .399 1.655 FA/RV/RdM 1966
.757 .379 1.403 FA/RV/RdM 1967
.760 .376 1.270 FA/RV/RdM 1968
.785 .426 1.525 FA/RV/RdM 1969
.684 .321 1.257 FA/RV/RdM 1970
FA/RV/RdM 1971
FA/RV/RdM 1972
23.4 22.1 103.1 IA/RV/RdM 1966
22.7 21.9 96.9 IA/RV/RdM 1967
23.7 21.5 92.1 IA/RV/RdM 1968
23.8 22.7 94.7 IA/RV/RdM 1969
22.4 19.6 91.2 IA/RV/RdM 1970
IA/RV/RdM 1971
IA/RV/RdM 1972

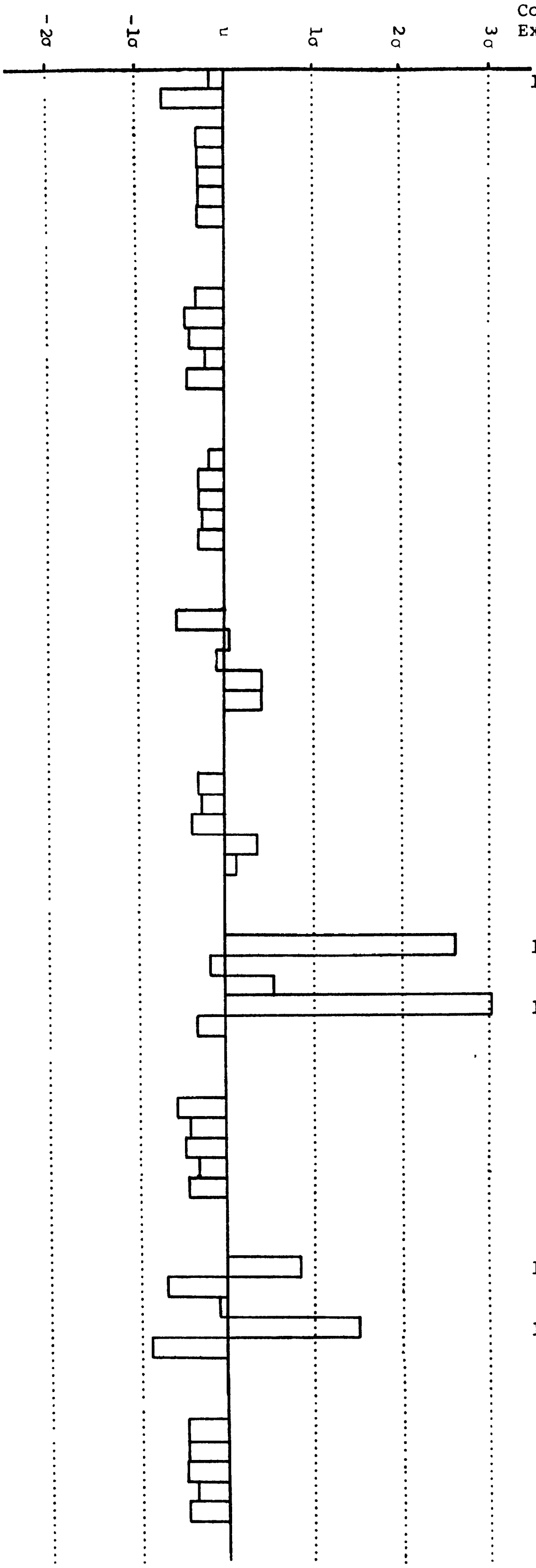
OAKLAND



State μ	State σ	County Experience		
399730	2940627	17660	Population	1970
1364.7	813.8	1261	Road Miles	1968
3649	13064	222	Accidents	1966
3602	12490	343	Accidents	1967
3680	13067	436	Accidents	1968
3990	13689	425	Accidents	1969
3780	11939	434	Accidents	1970
			Accidents	1971
			Accidents	1972
27.7	57.3	13	Fatalities	1966
25.6	51.3	5	Fatalities	1967
28.8	55.6	7	Fatalities	1968
30.0	60.9	12	Fatalities	1969
26.2	51.5	10	Fatalities	1970
			Fatalities	1971
			Fatalities	1972
1188	6487	209	Injuries	1966
1823	6232	229	Injuries	1967
1933	6796	334	Injuries	1968
2113	7563	302	Injuries	1969
1948	6671	329	Injuries	1970
			Injuries	1971
			Injuries	1972
*53.6	21.0	21.8	Acc/R.V.	1966
*51.6	13.2	34.7	Acc/R.V.	1967
*53.4	12.7	43.4	Acc/R.V.	1968
*54.6	14.0	40.4	Acc/R.V.	1969
*53.9	11.5	40.2	Acc/R.V.	1970
			Acc/R.V.	1971
			Acc/R.V.	1972
*16.1	4.5	10.2	I.A./R.V.	1966
*15.5	4.0	13.8	I.A./R.V.	1967
*16.5	3.9	17.6	I.A./R.V.	1968
*16.4	4.6	14.6	I.A./R.V.	1969
*15.8	3.7	14.9	I.A./R.V.	1970
			I.A./R.V.	1971
			I.A./R.V.	1972
*.570	.267	1.078	F.A./R.V.	1966
*.620	.332	.404	F.A./R.V.	1967
*.602	.318	.596	F.A./R.V.	1968
*.612	.320	.856	F.A./R.V.	1969
*.554	.282	.647	F.A./R.V.	1970
			F.A./R.V.	1971
			F.A./R.V.	1972
75.2	68.2	27.4	Acc/RV/RdM	1966
74.1	64.8	43.7	Acc/RV/RdM	1967
75.5	64.6	54.7	Acc/RV/RdM	1968
77.4	67.0	51.0	Acc/RV/RdM	1969
74.3	55.8	50.6	Acc/RV/RdM	1970
			Acc/RV/RdM	1971
			Acc/RV/RdM	1972
.778	.399	1.359	FA/RV/RdM	1966
.757	.379	.509	FA/RV/RdM	1967
.760	.376	.752	FA/RV/RdM	1968
.785	.426	1.080	FA/RV/RdM	1969
.684	.321	.816	FA/RV/RdM	1970
			FA/RV/RdM	1971
			FA/RV/RdM	1972
23.4	22.1	12.9	IA/RV/RdM	1966
22.7	21.9	17.4	IA/RV/RdM	1967
23.7	21.5	22.2	IA/RV/RdM	1968
23.8	22.7	18.4	IA/RV/RdM	1969
22.4	19.6	18.8	IA/RV/RdM	1970
			IA/RV/RdM	1971
			IA/RV/RdM	1972

*figures represent actual value times 10^3

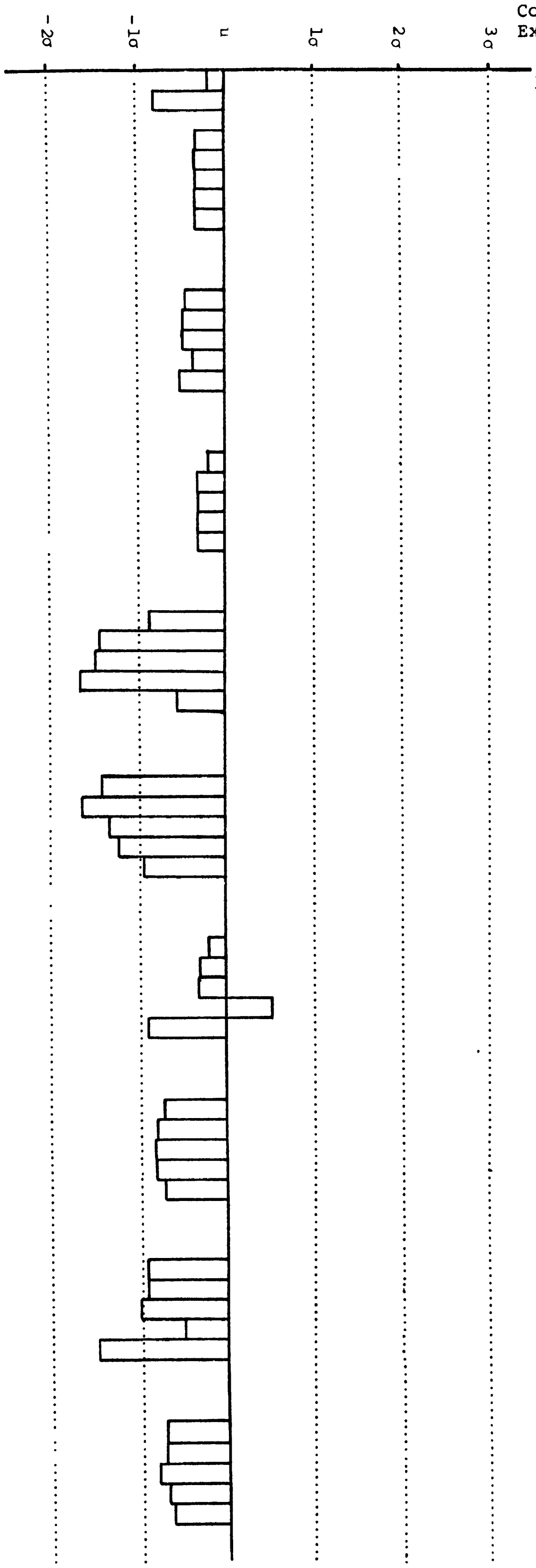
OGEMAW



State μ	State σ	County Experience		
399730	2940627	11153	Population	1970
1364.7	813.8	890	Road Miles	1968
3649	13064	298	Accidents	1966
3602	12490	382	Accidents	1967
3680	13067	398	Accidents	1968
3990	13689	500	Accidents	1969
3780	11939	523	Accidents	1970
			Accidents	1971
			Accidents	1972
27.7	57.3	10	Fatalities	1966
25.6	51.3	4	Fatalities	1967
28.8	55.6	7	Fatalities	1968
30.0	60.9	18	Fatalities	1969
26.2	51.5	6	Fatalities	1970
			Fatalities	1971
			Fatalities	1972
1188	6487	198	Injuries	1966
1823	6232	169	Injuries	1967
1933	6796	185	Injuries	1968
2113	7563	261	Injuries	1969
1948	6671	212	Injuries	1970
			Injuries	1971
			Injuries	1972
53.6*	21.0	41.8	Acc/R.V.	1966
51.6*	13.2	52.9	Acc/R.V.	1967
53.4*	12.7	52.3	Acc/R.V.	1968
54.6*	14.0	61.6	Acc/R.V.	1969
53.9*	11.5	58.7	Acc/R.V.	1970
			Acc/R.V.	1971
			Acc/R.V.	1972
16.1*	4.5	14.7	I.A./R.V.	1966
15.5*	4.0	14.5	I.A./R.V.	1967
16.5*	3.9	15.1	I.A./R.V.	1968
16.4*	4.6	18.0	I.A./R.V.	1969
15.8*	3.7	16.1	I.A./R.V.	1970
			I.A./R.V.	1971
			I.A./R.V.	1972
.570*	.267	1.263	F.A./R.V.	1966
.620*	.332	.553	F.A./R.V.	1967
.602*	.318	.788	F.A./R.V.	1968
.612*	.320	1.601	F.A./R.V.	1969
.554*	.282	.449	F.A./R.V.	1970
			F.A./R.V.	1971
			F.A./R.V.	1972
75.2	68.2	37.2	Acc/RV/RdM	1966
74.1	64.8	47.0	Acc/RV/RdM	1967
75.5	64.6	46.5	Acc/RV/RdM	1968
77.4	67.0	54.8	Acc/RV/RdM	1969
74.3	55.8	52.2	Acc/RV/RdM	1970
			Acc/RV/RdM	1971
			Acc/RV/RdM	1972
.778	.399	1.124	FA/RV/RdM	1966
.757	.379	.492	FA/RV/RdM	1967
.760	.376	.701	FA/RV/RdM	1968
.785	.426	1.425	FA/RV/RdM	1969
.684	.321	.400	FA/RV/RdM	1970
			FA/RV/RdM	1971
			FA/RV/RdM	1972
23.4	22.1	13.1	IA/RV/RdM	1966
22.7	21.9	12.9	IA/RV/RdM	1967
23.7	21.5	13.4	IA/RV/RdM	1968
23.8	22.7	16.0	IA/RV/RdM	1969
22.4	19.6	14.3	IA/RV/RdM	1970
			IA/RV/RdM	1971
			IA/RV/RdM	1972

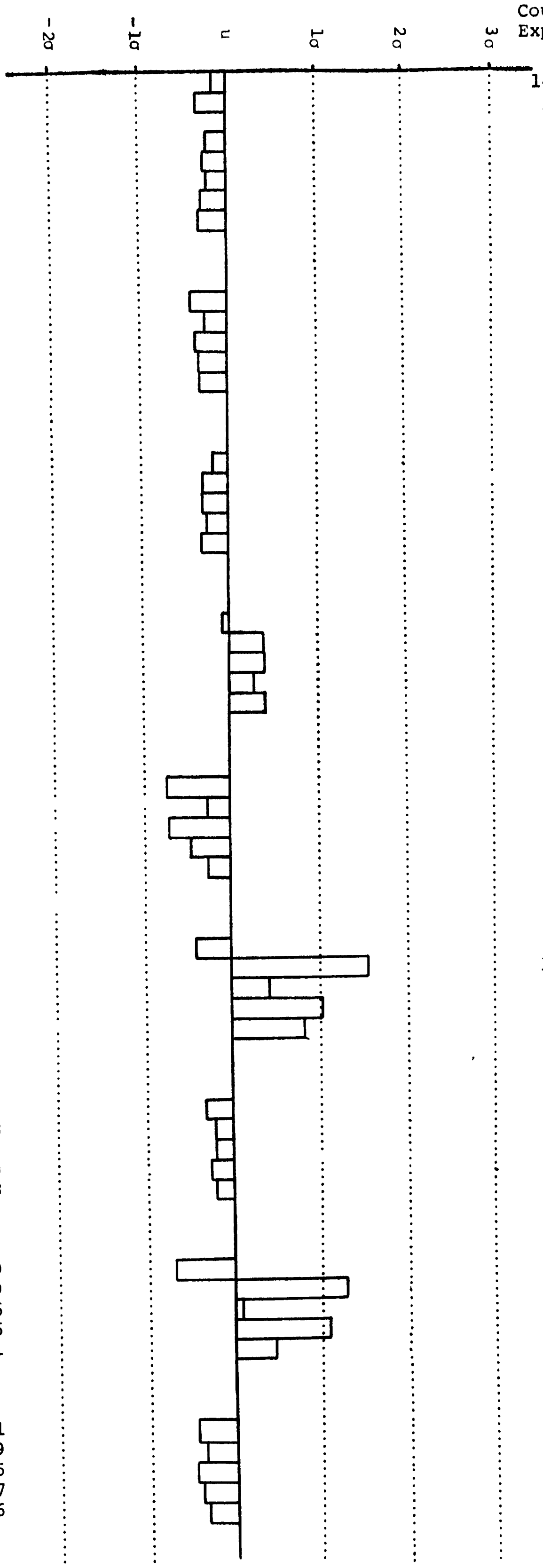
*figures represent actual value times 10^3

ONTONAGON



State μ	State σ	County Experience		
399730	2940627	10335	Population	1970
1364.7	813.8	751	Road Miles	1968
3649	13064	192	Accidents	1966
3602	12490	178	Accidents	1967
3680	13067	194	Accidents	1968
3990	13689	204	Accidents	1969
3780	11939	304	Accidents	1970
			Accidents	1971
			Accidents	1972
27.7	57.3	3	Fatalities	1966
25.6	51.3	3	Fatalities	1967
28.8	55.6	4	Fatalities	1968
30.0	60.9	9	Fatalities	1969
26.2	51.5	2	Fatalities	1970
			Fatalities	1971
			Fatalities	1972
1188	6487	93	Injuries	1966
1823	6232	85	Injuries	1967
1933	6796	105	Injuries	1968
2113	7563	97	Injuries	1969
1948	6671	108	Injuries	1970
			Injuries	1971
			Injuries	1972
*53.6	21.0	33.4	Acc/R.V.	1966
*51.6	13.2	31.2	Acc/R.V.	1967
*53.4	12.7	33.0	Acc/R.V.	1968
*54.6	14.0	32.4	Acc/R.V.	1969
*53.9	11.5	46.7	Acc/R.V.	1970
			Acc/R.V.	1971
			Acc/R.V.	1972
*16.1	4.5	9.9	I.A./R.V.	1966
*15.5	4.0	9.1	I.A./R.V.	1967
*16.5	3.9	11.5	I.A./R.V.	1968
*16.4	4.6	10.9	I.A./R.V.	1969
*15.8	3.7	12.4	I.A./R.V.	1970
			I.A./R.V.	1971
			I.A./R.V.	1972
*.570	.267	.521	F.A./R.V.	1966
*.620	.332	.525	F.A./R.V.	1967
*.602	.318	.509	F.A./R.V.	1968
*.612	.320	.792	F.A./R.V.	1969
*.554	.282	.307	F.A./R.V.	1970
			F.A./R.V.	1971
			F.A./R.V.	1972
75.2	68.2	25.1	Acc/RV/RdM	1966
74.1	64.8	23.3	Acc/RV/RdM	1967
75.5	64.6	24.7	Acc/RV/RdM	1968
77.4	67.0	24.3	Acc/RV/RdM	1969
74.3	55.8	35.0	Acc/RV/RdM	1970
			Acc/RV/RdM	1971
			Acc/RV/RdM	1972
.778	.399	.391	FA/RV/RdM	1966
.757	.379	.394	FA/RV/RdM	1967
[illegible]	[illegible]	.382	FA/RV/RdM	1968
.785	.426	.595	FA/RV/RdM	1969
.684	.321	.231	FA/RV/RdM	1970
			FA/RV/RdM	1971
			FA/RV/RdM	1972
23.4	22.1	7.4	IA/RV/RdM	1966
22.7	21.9	6.8	IA/RV/RdM	1967
23.7	21.5	8.6	IA/RV/RdM	1968
23.8	22.7	8.2	IA/RV/RdM	1969
22.4	19.6	9.3	IA/RV/RdM	1970
			IA/RV/RdM	1971
			IA/RV/RdM	1972

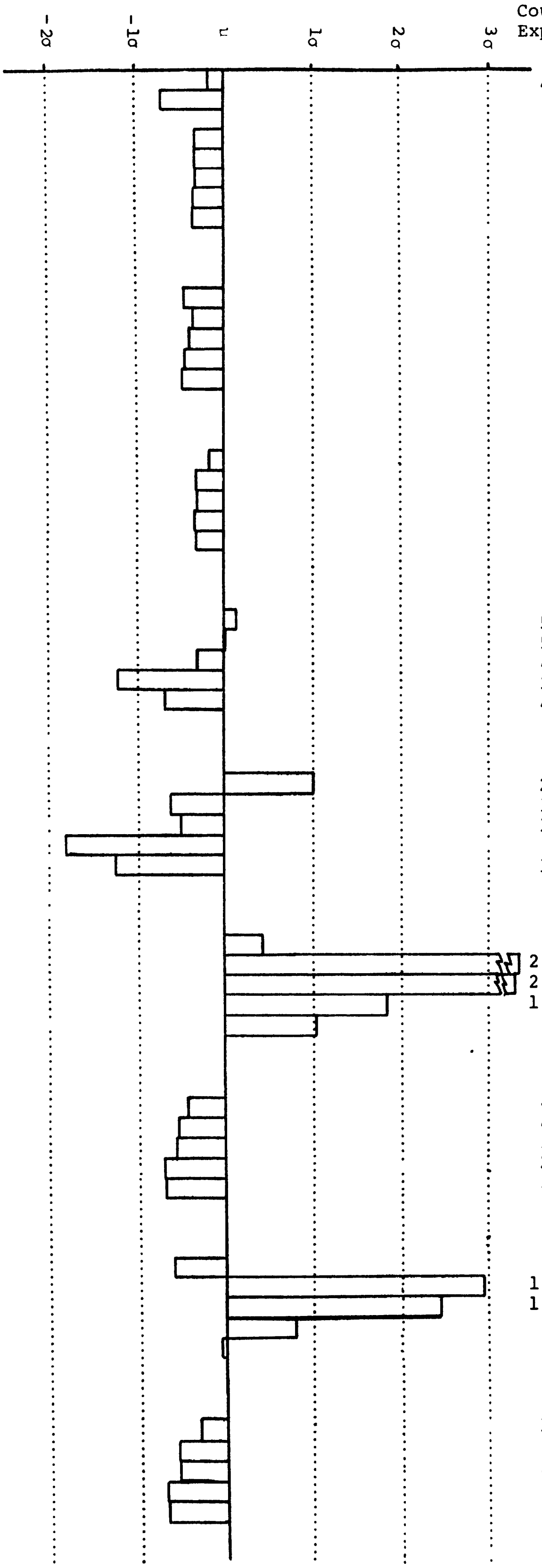
*figures represent actual value times 10^3



State μ	State σ	County Experience		
399730	2940627	14673	Population	1970
1364.7	813.8	1079	Road Miles	1968
3649	13064	454	Accidents	1966
3602	12490	485	Accidents	1967
3680	13067	558	Accidents	1968
3990	13689	560	Accidents	1969
3780	11939	608	Accidents	1970
			Accidents	1971
			Accidents	1972
27.7	57.3	4	Fatalities	1966
25.6	51.3	13	Fatalities	1967
28.8	55.6	10	Fatalities	1968
30.0	60.9	11	Fatalities	1969
26.2	51.5	11	Fatalities	1970
			Fatalities	1971
			Fatalities	1972
1188	6487	164	Injuries	1966
1823	6232	247	Injuries	1967
1933	6796	212	Injuries	1968
2113	7563	273	Injuries	1969
1948	6671	269	Injuries	1970
			Injuries	1971
			Injuries	1972
*53.6	21.0	52.5	Acc/R.V.	1966
*51.6	13.2	56.1	Acc/R.V.	1967
*53.4	12.7	59.9	Acc/R.V.	1968
*54.6	14.0	58.5	Acc/R.V.	1969
*53.9	11.5	59.4	Acc/R.V.	1970
			Acc/R.V.	1971
			Acc/R.V.	1972
*16.1	4.5	12.9	I.A./R.V.	1966
*15.5	4.0	14.5	I.A./R.V.	1967
*16.5	3.9	13.8	I.A./R.V.	1968
*16.4	4.6	14.3	I.A./R.V.	1969
*15.8	3.7	14.9	I.A./R.V.	1970
			I.A./R.V.	1971
			I.A./R.V.	1972
*.570	.267	.462	F.A./R.V.	1966
*.620	.332	1.156	F.A./R.V.	1967
*.602	.318	.751	F.A./R.V.	1968
*.612	.320	.940	F.A./R.V.	1969
*.554	.282	.782	F.A./R.V.	1970
			F.A./R.V.	1971
			F.A./R.V.	1972
75.2	68.2	56.6	Acc/RV/RdM	1966
74.1	64.8	60.5	Acc/RV/RdM	1967
75.5	64.6	64.6	Acc/RV/RdM	1968
77.4	67.0	61.0	Acc/RV/RdM	1969
74.3	55.8	64.1	Acc/RV/RdM	1970
			Acc/RV/RdM	1971
			Acc/RV/RdM	1972
.778	.399	.498	FA/RV/RdM	1966
.757	.379	1.247	FA/RV/RdM	1967
.760	.376	.810	FA/RV/RdM	1968
.785	.426	1.015	FA/RV/RdM	1969
.684	.321	.844	FA/RV/RdM	1970
			FA/RV/RdM	1971
			FA/RV/RdM	1972
23.4	22.1	13.9	IA/RV/RdM	1966
22.7	21.9	15.7	IA/RV/RdM	1967
23.7	21.5	14.9	IA/RV/RdM	1968
23.8	22.7	15.4	IA/RV/RdM	1969
22.4	19.6	16.1	IA/RV/RdM	1970
			IA/RV/RdM	1971
			IA/RV/RdM	1972

*figures represent actual value times 10^3

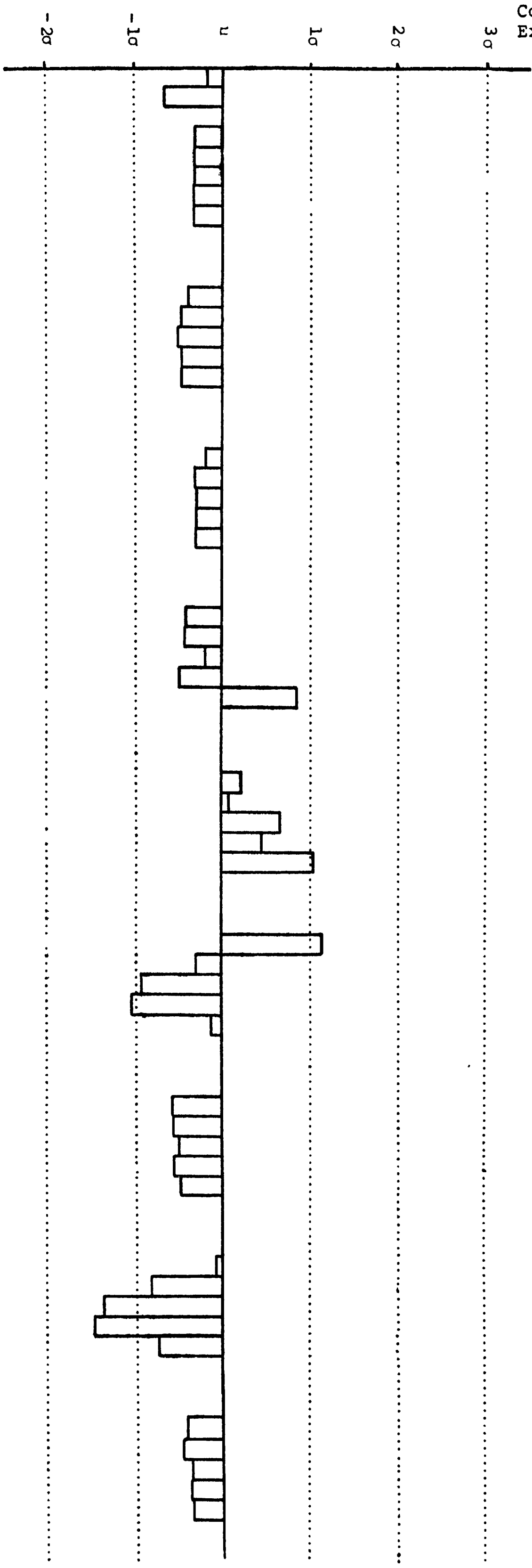
OSCODA



State μ	State σ	County Experience		
399730	2940627	4468	Population	1970
1364.7	813.8	792	Road Miles	1968
3649	13064	165	Accidents	1966
3602	12490	155	Accidents	1967
3680	13067	164	Accidents	1968
3990	13689	127	Accidents	1969
3780	11939	157	Accidents	1970
			Accidents	1971
			Accidents	1972
27.7	57.3	2	Fatalities	1966
25.6	51.3	9	Fatalities	1967
28.8	55.6	8	Fatalities	1968
30.0	60.9	4	Fatalities	1969
26.2	51.5	3	Fatalities	1970
			Fatalities	1971
			Fatalities	1972
1188	6487	124	Injuries	1966
1823	6232	96	Injuries	1967
1933	6796	105	Injuries	1968
2113	7563	52	Injuries	1969
1948	6671	78	Injuries	1970
			Injuries	1971
			Injuries	1972
*53.6	21.0	55.7	Acc/R.V.	1966
*51.6	13.2	51.7	Acc/R.V.	1967
*53.4	12.7	49.7	Acc/R.V.	1968
*54.6	14.0	37.5	Acc/R.V.	1969
*53.9	11.5	44.1	Acc/R.V.	1970
			Acc/R.V.	1971
			Acc/R.V.	1972
*16.1	4.5	20.6	I.A./R.V.	1966
*15.5	4.0	13.0	I.A./R.V.	1967
*16.5	3.9	14.5	I.A./R.V.	1968
*16.4	4.6	8.3	I.A./R.V.	1969
*15.8	3.7	11.2	I.A./R.V.	1970
			I.A./R.V.	1971
			I.A./R.V.	1972
*.570	.267	.675	F.A./R.V.	1966
*.620	.332	2.335	F.A./R.V.	1967
*.602	.318	2.120	F.A./R.V.	1968
*.612	.320	1.180	F.A./R.V.	1969
*.554	.282	.842	F.A./R.V.	1970
			F.A./R.V.	1971
			F.A./R.V.	1972
75.2	68.2	44.1	Acc/RV/RdM	1966
74.1	64.8	40.9	Acc/RV/RdM	1967
75.5	64.6	39.3	Acc/RV/RdM	1968
77.4	67.0	27.7	Acc/RV/RdM	1969
74.3	55.8	34.9	Acc/RV/RdM	1970
			Acc/RV/RdM	1971
			Acc/RV/RdM	1972
.778	.399	.535	FA/RV/RdM	1966
.757	.379	1.849	FA/RV/RdM	1967
.760	.376	1.679	FA/RV/RdM	1968
.785	.426	.935	FA/RV/RdM	1969
.684	.321	.667	FA/RV/RdM	1970
			FA/RV/RdM	1971
			FA/RV/RdM	1972
23.4	22.1	16.3	IA/RV/RdM	1966
22.7	21.9	10.3	IA/RV/RdM	1967
23.7	21.5	11.5	IA/RV/RdM	1968
23.8	22.7	6.8	IA/RV/RdM	1969
22.4	19.6	8.9	IA/RV/RdM	1970
			IA/RV/RdM	1971
			IA/RV/RdM	1972

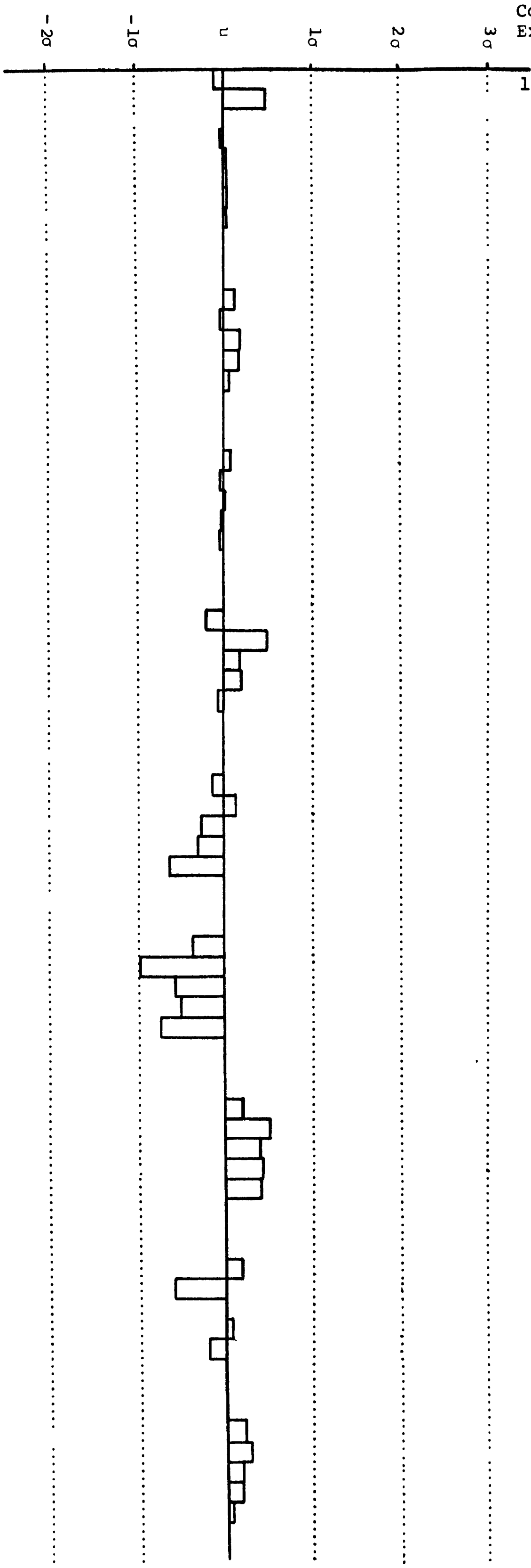
*figures represent actual value times 10^3

OTSEGO



State μ	State σ	County Experience		
399730	2940627	10013	Population	1970
1364.7	813.8	858	Road Miles	1968
3649	13064	251	Accidents	1966
3602	12490	263	Accidents	1967
3680	13067	330	Accidents	1968
3990	13689	335	Accidents	1969
3780	11939	434	Accidents	1970
			Accidents	1971
			Accidents	1972
27.7	57.3	5	Fatalities	1966
25.6	51.3	3	Fatalities	1967
28.8	55.6	2	Fatalities	1968
30.0	60.9	2	Fatalities	1969
26.2	51.5	4	Fatalities	1970
			Fatalities	1971
			Fatalities	1972
1188	6487	175	Injuries	1966
1823	6232	162	Injuries	1967
1933	6796	209	Injuries	1968
2113	7563	211	Injuries	1969
1948	6671	233	Injuries	1970
			Injuries	1971
			Injuries	1972
53.6*	21.0	44.3	Acc/R.V.	1966
51.6*	13.2	46.1	Acc/R.V.	1967
53.4*	12.7	51.8	Acc/R.V.	1968
54.6*	14.0	48.1	Acc/R.V.	1969
53.9*	11.5	56.6	Acc/R.V.	1970
			Acc/R.V.	1971
			Acc/R.V.	1972
16.1*	4.5	17.1	I.A./R.V.	1966
15.5*	4.0	15.8	I.A./R.V.	1967
16.5*	3.9	19.1	I.A./R.V.	1968
16.4*	4.6	18.8	I.A./R.V.	1969
15.8*	3.7	19.7	I.A./R.V.	1970
			I.A./R.V.	1971
			I.A./R.V.	1972
.570*	.267	.882	F.A./R.V.	1966
.620*	.332	.525	F.A./R.V.	1967
.602*	.318	.313	F.A./R.V.	1968
.612*	.320	.286	F.A./R.V.	1969
.554*	.282	.521	F.A./R.V.	1970
			F.A./R.V.	1971
			F.A./R.V.	1972
75.2	68.2	37.9	Acc/RV/RdM	1966
74.1	64.8	39.5	Acc/RV/RdM	1967
75.5	64.6	44.4	Acc/RV/RdM	1968
77.4	67.0	41.2	Acc/RV/RdM	1969
74.3	55.8	48.5	Acc/RV/RdM	1970
			Acc/RV/RdM	1971
			Acc/RV/RdM	1972
.778	.399	.757	FA/RV/RdM	1966
.757	.379	.450	FA/RV/RdM	1967
.760	.376	.269	FA/RV/RdM	1968
.785	.426	.246	FA/RV/RdM	1969
.684	.321	.447	FA/RV/RdM	1970
			FA/RV/RdM	1971
			FA/RV/RdM	1972
23.4	22.1	14.7	IA/RV/RdM	1966
22.7	21.9	13.6	IA/RV/RdM	1967
23.7	21.5	16.4	IA/RV/RdM	1968
23.8	22.7	16.1	IA/RV/RdM	1969
22.4	19.6	16.9	IA/RV/RdM	1970
			IA/RV/RdM	1971
			IA/RV/RdM	1972

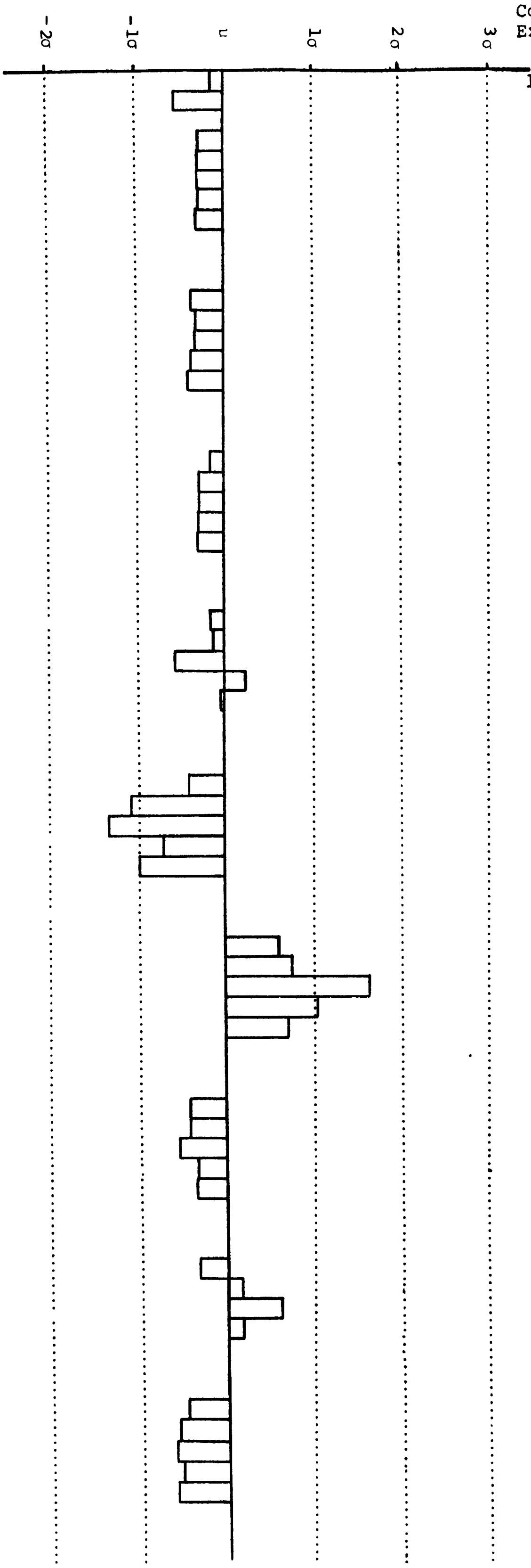
*figures represent actual value times 10^3



State μ	State σ	County Experience		
399730	2940627	127468	Population	1970
1364.7	813.8	1797	Road Miles	1968
3649	13064	3221	Accidents	1966
3602	12490	3953	Accidents	1967
3680	13067	4092	Accidents	1968
3990	13689	4460	Accidents	1969
3780	11939	4243	Accidents	1970
			Accidents	1971
			Accidents	1972
27.7	57.3	36	Fatalities	1966
25.6	51.3	23	Fatalities	1967
28.8	55.6	38	Fatalities	1968
30.0	60.9	39	Fatalities	1969
26.2	51.5	30	Fatalities	1970
			Fatalities	1971
			Fatalities	1972
1188	6487	1683	Injuries	1966
1823	6232	1723	Injuries	1967
1933	6796	1955	Injuries	1968
2113	7563	1967	Injuries	1969
1948	6671	1792	Injuries	1970
			Injuries	1971
			Injuries	1972
*53.6	21.0	48.9	Acc/R.V.	1966
*51.6	13.2	58.3	Acc/R.V.	1967
*53.4	12.7	55.9	Acc/R.V.	1968
*54.6	14.0	58.0	Acc/R.V.	1969
*53.9	11.5	52.8	Acc/R.V.	1970
			Acc/R.V.	1971
			Acc/R.V.	1972
*16.1	4.5	15.5	I.A./R.V.	1966
*15.5	4.0	16.0	I.A./R.V.	1967
*16.5	3.9	15.5	I.A./R.V.	1968
*16.4	4.6	15.2	I.A./R.V.	1969
*15.8	3.7	13.5	I.A./R.V.	1970
			I.A./R.V.	1971
			I.A./R.V.	1972
*.570	.267	.470	F.A./R.V.	1966
*.620	.332	.295	F.A./R.V.	1967
*.602	.318	.423	F.A./R.V.	1968
*.612	.320	.454	F.A./R.V.	1969
*.554	.282	.348	F.A./R.V.	1970
			F.A./R.V.	1971
			F.A./R.V.	1972
75.2	68.2	87.8	Acc/RV/RdM	1966
74.1	64.8	104.8	Acc/RV/RdM	1967
75.5	64.6	100.3	Acc/RV/RdM	1968
77.4	67.0	104.1	Acc/RV/RdM	1969
74.3	55.8	99.0	Acc/RV/RdM	1970
			Acc/RV/RdM	1971
			Acc/RV/RdM	1972
.778	.399	.845	FA/RV/RdM	1966
.757	.379	.530	FA/RV/RdM	1967
.760	.376	.760	FA/RV/RdM	1968
.785	.426	.817	FA/RV/RdM	1969
.684	.321	.625	FA/RV/RdM	1970
			FA/RV/RdM	1971
			FA/RV/RdM	1972
23.4	22.1	27.9	IA/RV/RdM	1966
22.7	21.9	28.8	IA/RV/RdM	1967
23.7	21.5	27.9	IA/RV/RdM	1968
23.8	22.7	27.3	IA/RV/RdM	1969
22.4	19.6	24.3	IA/RV/RdM	1970
			IA/RV/RdM	1971
			IA/RV/RdM	1972

*figures represent actual value times 10^3

PRESQUE ISLE

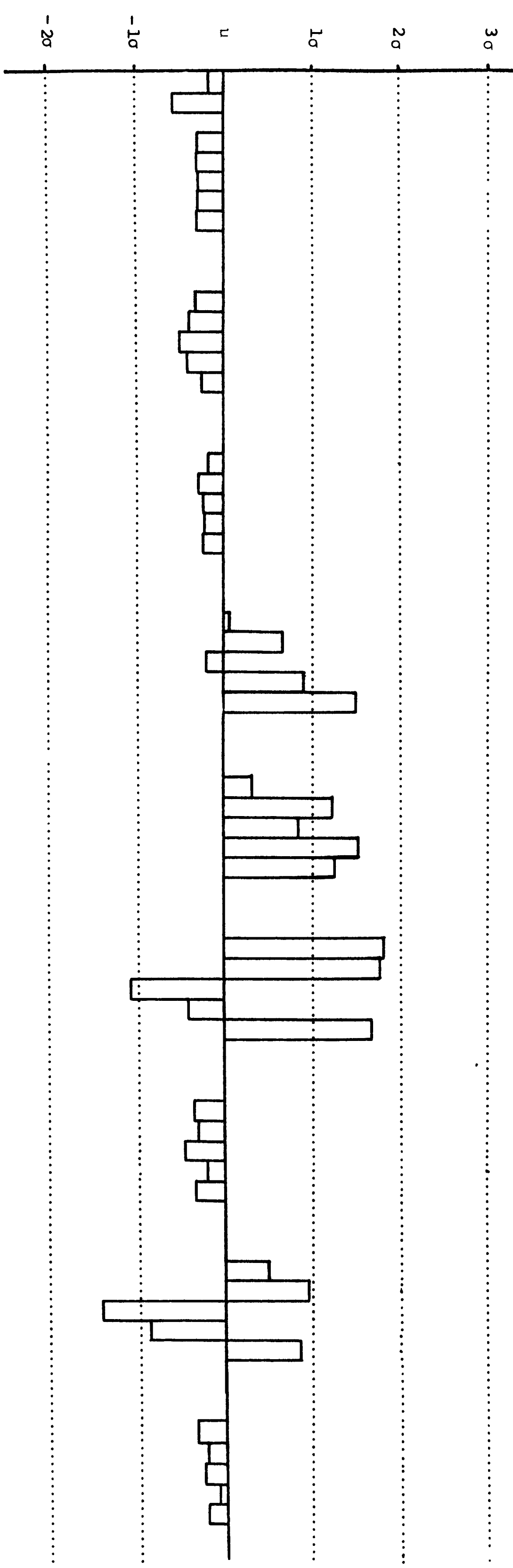


State μ	State σ	County Experience		Year
399730	2940627	12486	Population	1970
1364.7	813.8	906	Road Miles	1968
3649	13064	348	Accidents	1966
3602	12490	338	Accidents	1967
3680	13067	330	Accidents	1968
3990	13689	431	Accidents	1969
3780	11939	426	Accidents	1970
			Accidents	1971
			Accidents	1972
27.7	57.3	5	Fatalities	1966
25.6	51.3	9	Fatalities	1967
28.8	55.6	11	Fatalities	1968
30.0	60.9	7	Fatalities	1969
26.2	51.5	6	Fatalities	1970
			Fatalities	1971
			Fatalities	1972
1188	6487	163	Injuries	1966
1823	6232	145	Injuries	1967
1933	6796	156	Injuries	1968
2113	7563	149	Injuries	1969
1948	6671	157	Injuries	1970
			Injuries	1971
			Injuries	1972
*53.6	21.0	50.4	Acc/R.V.	1966
*51.6	13.2	49.8	Acc/R.V.	1967
*53.4	12.7	45.5	Acc/R.V.	1968
*54.6	14.0	58.3	Acc/R.V.	1969
*53.9	11.5	53.6	Acc/R.V.	1970
			Acc/R.V.	1971
			Acc/R.V.	1972
*16.1	4.5	14.3	I.A./R.V.	1966
*15.5	4.0	11.2	I.A./R.V.	1967
*16.5	3.9	11.3	I.A./R.V.	1968
*16.4	4.6	13.4	I.A./R.V.	1969
*15.8	3.7	12.1	I.A./R.V.	1970
			I.A./R.V.	1971
			I.A./R.V.	1972
*.570	.267	.723	F.A./R.V.	1966
*.620	.332	.884	F.A./R.V.	1967
*.602	.318	1.102	F.A./R.V.	1968
*.612	.320	.947	F.A./R.V.	1969
*.554	.282	.755	F.A./R.V.	1970
			F.A./R.V.	1971
			F.A./R.V.	1972
75.2	68.2	45.6	Acc/RV/RdM	1966
74.1	64.8	45.1	Acc/RV/RdM	1967
75.5	64.6	41.1	Acc/RV/RdM	1968
77.4	67.0	52.8	Acc/RV/RdM	1969
74.3	55.8	48.5	Acc/RV/RdM	1970
			Acc/RV/RdM	1971
			Acc/RV/RdM	1972
.778	.399	.655	FA/RV/RdM	1966
.757	.379	.801	FA/RV/RdM	1967
.760	.376	.998	FA/RV/RdM	1968
.785	.426	.858	FA/RV/RdM	1969
.684	.321	.684	FA/RV/RdM	1970
			FA/RV/RdM	1971
			FA/RV/RdM	1972
23.4	22.1	13.0	IA/RV/RdM	1966
22.7	21.9	10.2	IA/RV/RdM	1967
23.7	21.5	10.2	IA/RV/RdM	1968
23.8	22.7	12.1	IA/RV/RdM	1969
22.4	19.6	11.0	IA/RV/RdM	1970
			IA/RV/RdM	1971
			IA/RV/RdM	1972

*figures represent actual value times 10^3

ROSCOMMON

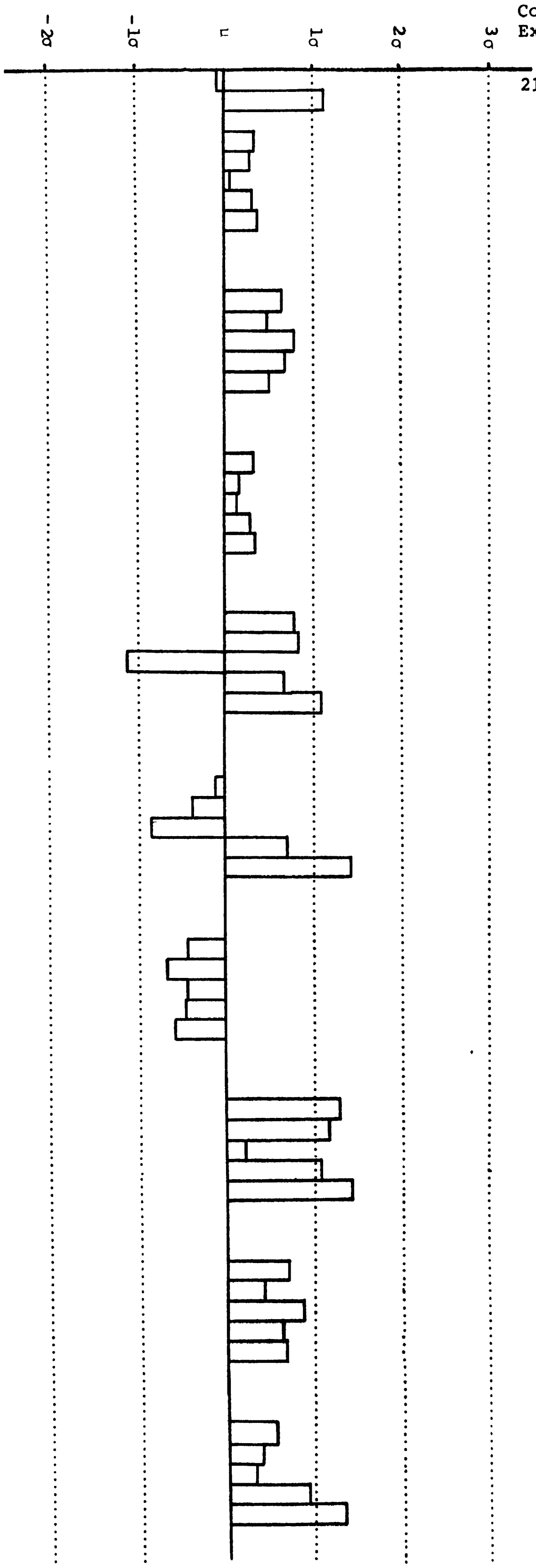
State μ	State σ	County Experience		
399730	2940627	8944	Population	1970
1364.7	813.8	936	Road Miles	1968
3649	13064	363	Accidents	1966
3602	12490	398	Accidents	1967
3680	13067	404	Accidents	1968
3990	13689	555	Accidents	1969
3780	11939	533	Accidents	1970
			Accidents	1971
			Accidents	1972
27.7	57.3	12	Fatalities	1966
25.6	51.3	8	Fatalities	1967
28.8	55.6	2	Fatalities	1968
30.0	60.9	5	Fatalities	1969
26.2	51.5	14	Fatalities	1970
			Fatalities	1971
			Fatalities	1972
1188	6487	230	Injuries	1966
1823	6232	244	Injuries	1967
1933	6796	264	Injuries	1968
2113	7563	329	Injuries	1969
1948	6671	332	Injuries	1970
			Injuries	1971
			Injuries	1972
53.6*	21.0	54.4	Acc/R.V.	1966
51.6*	13.2	59.9	Acc/R.V.	1967
53.4*	12.7	51.7	Acc/R.V.	1968
54.6*	14.0	67.6	Acc/R.V.	1969
53.9*	11.5	71.0	Acc/R.V.	1970
			Acc/R.V.	1971
			Acc/R.V.	1972
16.1*	4.5	17.5	I.A./R.V.	1966
15.5*	4.0	20.5	I.A./R.V.	1967
16.5*	3.9	19.9	I.A./R.V.	1968
16.4*	4.6	23.6	I.A./R.V.	1969
15.8*	3.7	20.5	I.A./R.V.	1970
			I.A./R.V.	1971
			I.A./R.V.	1972
.570*	.267	1.049	F.A./R.V.	1966
.620*	.332	1.204	F.A./R.V.	1967
.602*	.318	.256	F.A./R.V.	1968
.612*	.320	.486	F.A./R.V.	1969
.554*	.282	1.029	F.A./R.V.	1970
			F.A./R.V.	1971
			F.A./R.V.	1972
75.2	68.2	50.9	Acc/RV/RdM	1966
74.1	64.8	56.0	Acc/RV/RdM	1967
75.5	64.6	48.4	Acc/RV/RdM	1968
77.4	67.0	63.2	Acc/RV/RdM	1969
74.3	55.8	57.0	Acc/RV/RdM	1970
			Acc/RV/RdM	1971
			Acc/RV/RdM	1972
.778	.399	.982	FA/RV/RdM	1966
.757	.379	1.127	FA/RV/RdM	1967
.760	.376	.240	FA/RV/RdM	1968
.785	.426	.456	FA/RV/RdM	1969
.684	.321	.963	FA/RV/RdM	1970
			FA/RV/RdM	1971
			FA/RV/RdM	1972
23.4	22.1	16.4	IA/RV/RdM	1966
22.7	21.9	19.2	IA/RV/RdM	1967
23.7	21.5	18.6	IA/RV/RdM	1968
23.8	22.7	22.1	IA/RV/RdM	1969
22.4	19.6	19.2	IA/RV/RdM	1970
			IA/RV/RdM	1971
			IA/RV/RdM	1972



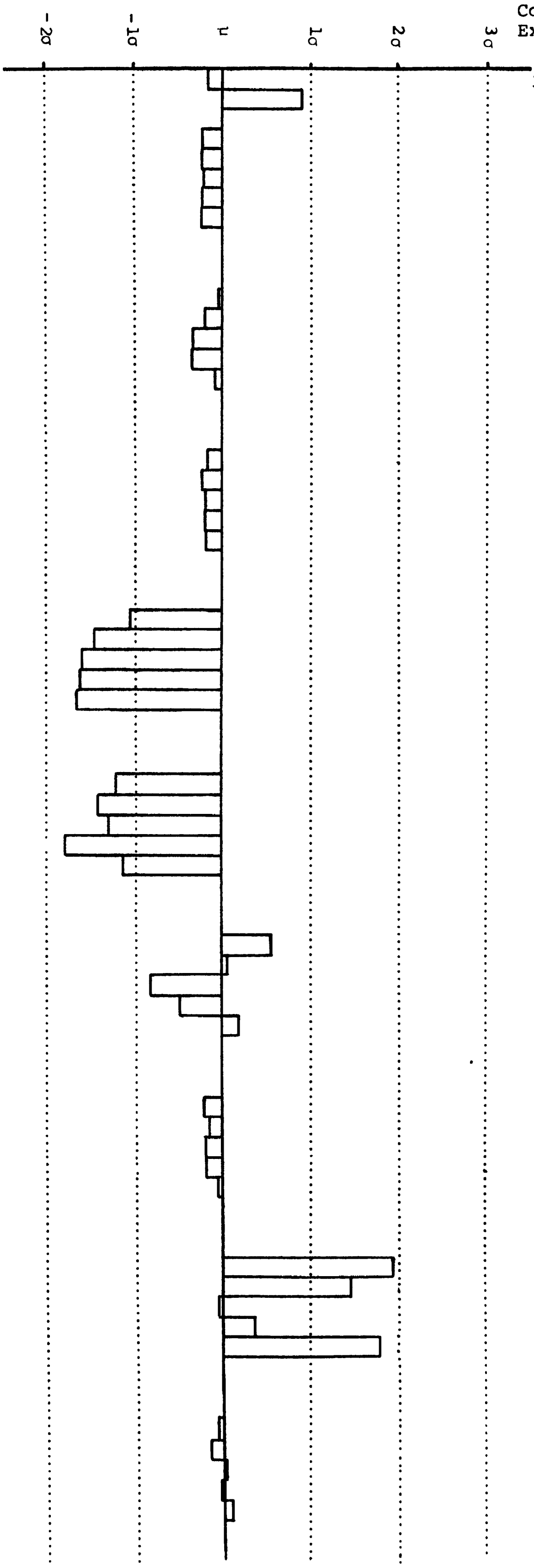
*figures represent actual value times 10^3

SAGINAW

State μ	State σ	County Experience	Item	Year
399730	2940627	217787	Population	1970
1364.7	813.8	2293	Road Miles	1968
3649	13064	8038	Accidents	1966
3602	12490	7220	Accidents	1967
3680	13067	4510	Accidents	1968
3990	13689	8315	Accidents	1969
3780	11939	8745	Accidents	1970
			Accidents	1971
			Accidents	1972
27.7	57.3	64	Fatalities	1966
25.6	51.3	52	Fatalities	1967
28.8	55.6	74	Fatalities	1968
30.0	60.9	74	Fatalities	1969
26.2	51.5	57	Fatalities	1970
			Fatalities	1971
			Fatalities	1972
1188	6487	3053	Injuries	1966
1823	6232	2727	Injuries	1967
1933	6796	2681	Injuries	1968
2113	7563	4283	Injuries	1969
1948	6671	4455	Injuries	1970
			Injuries	1971
			Injuries	1972
53.6*	21.0	71.5	Acc/R.V.	1966
51.6*	13.2	63.8	Acc/R.V.	1967
53.4*	12.7	37.9	Acc/R.V.	1968
54.6*	14.0	65.1	Acc/R.V.	1969
53.9*	11.5	66.8	Acc/R.V.	1970
			Acc/R.V.	1971
			Acc/R.V.	1972
16.1*	4.5	15.7	I.A./R.V.	1966
15.5*	4.0	13.9	I.A./R.V.	1967
16.5*	3.9	13.1	I.A./R.V.	1968
16.4*	4.6	19.9	I.A./R.V.	1969
15.8*	3.7	21.1	I.A./R.V.	1970
			I.A./R.V.	1971
			I.A./R.V.	1972
.570*	.267	.453	F.A./R.V.	1966
.620*	.332	.397	F.A./R.V.	1967
.602*	.318	.478	F.A./R.V.	1968
.612*	.320	.461	F.A./R.V.	1969
.554*	.282	.389	F.A./R.V.	1970
			F.A./R.V.	1971
			F.A./R.V.	1972
75.2	68.2	163.9	Acc/RV/RdM	1966
74.1	64.8	146.3	Acc/RV/RdM	1967
75.5	64.6	86.7	Acc/RV/RdM	1968
77.4	67.0	149.2	Acc/RV/RdM	1969
74.3	55.8	153.1	Acc/RV/RdM	1970
			Acc/RV/RdM	1971
			Acc/RV/RdM	1972
.778	.399	1.039	FA/RV/RdM	1966
.757	.379	.910	FA/RV/RdM	1967
.760	.376	1.096	FA/RV/RdM	1968
.785	.426	1.059	FA/RV/RdM	1969
.684	.321	.892	FA/RV/RdM	1970
			FA/RV/RdM	1971
			FA/RV/RdM	1972
23.4	22.1	36.0	IA/RV/RdM	1966
22.7	21.9	31.8	IA/RV/RdM	1967
23.7	21.5	30.0	IA/RV/RdM	1968
23.8	22.7	45.6	IA/RV/RdM	1969
22.4	19.6	48.4	IA/RV/RdM	1970
			IA/RV/RdM	1971
			IA/RV/RdM	1972

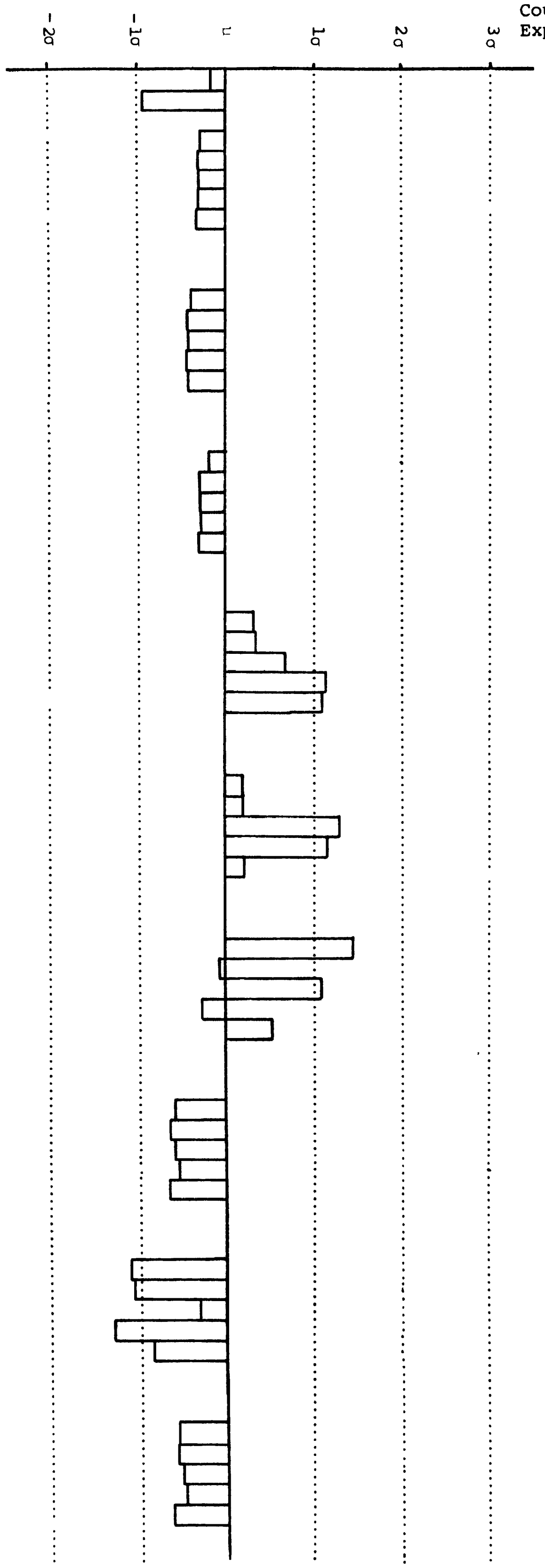


*figures represent actual value times 10^3



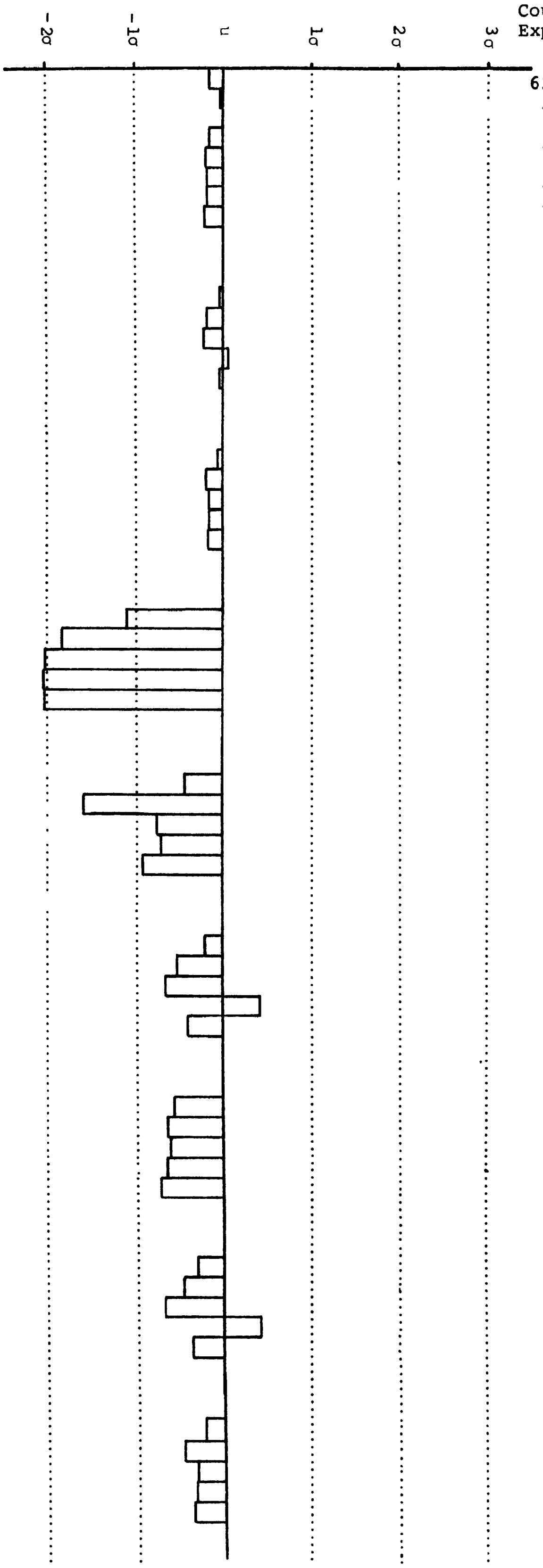
State μ	State σ	County Experience		
399730	2940627	34505	Population	1970
1364.7	813.8	2060	Road Miles	1968
3649	13064	657	Accidents	1966
3602	12490	677	Accidents	1967
3680	13067	727	Accidents	1968
3990	13689	772	Accidents	1969
3780	11939	857	Accidents	1970
			Accidents	1971
			Accidents	1972
27.7	57.3	25	Fatalities	1966
25.6	51.3	17	Fatalities	1967
28.8	55.6	12	Fatalities	1968
30.0	60.9	11	Fatalities	1969
26.2	51.5	21	Fatalities	1970
			Fatalities	1971
			Fatalities	1972
1188	6487	418	Injuries	1966
1823	6232	372	Injuries	1967
1933	6796	473	Injuries	1968
2113	7563	444	Injuries	1969
1948	6671	537	Injuries	1970
			Injuries	1971
			Injuries	1972
53.6	21.0	29.8	Acc/R.V.	1966
51.6	13.2	31.1	Acc/R.V.	1967
53.4	12.7	31.8	Acc/R.V.	1968
* 54.6	14.0	32.3	Acc/R.V.	1969
53.9	11.5	34.9	Acc/R.V.	1970
			Acc/R.V.	1971
			Acc/R.V.	1972
16.1	4.5	10.7	I.A./R.V.	1966
15.5	4.0	10.0	I.A./R.V.	1967
16.5	3.9	11.6	I.A./R.V.	1968
* 16.4	4.6	10.8	I.A./R.V.	1969
15.8	3.7	11.7	I.A./R.V.	1970
			I.A./R.V.	1971
			I.A./R.V.	1972
.570	.267	.724	F.A./R.V.	1966
.620	.332	.642	F.A./R.V.	1967
.602	.318	.349	F.A./R.V.	1968
* .612	.320	.459	F.A./R.V.	1969
.554	.282	.611	F.A./R.V.	1970
			F.A./R.V.	1971
			F.A./R.V.	1972
75.2	68.2	61.3	Acc/RV/RdM	1966
74.1	64.8	64.0	Acc/RV/RdM	1967
75.5	64.6	65.4	Acc/RV/RdM	1968
77.4	67.0	66.4	Acc/RV/RdM	1969
74.3	55.8	71.9	Acc/RV/RdM	1970
			Acc/RV/RdM	1971
			Acc/RV/RdM	1972
.778	.399	1.491	FA/RV/RdM	1966
.757	.379	1.323	FA/RV/RdM	1967
.760	.376	.719	FA/RV/RdM	1968
.785	.426	.947	FA/RV/RdM	1969
.684	.321	1.259	FA/RV/RdM	1970
			FA/RV/RdM	1971
			FA/RV/RdM	1972
23.4	22.1	22.0	IA/RV/RdM	1966
22.7	21.9	20.6	IA/RV/RdM	1967
23.7	21.5	24.0	IA/RV/RdM	1968
23.8	22.7	22.3	IA/RV/RdM	1969
22.4	19.6	24.1	IA/RV/RdM	1970
			IA/RV/RdM	1971
			IA/RV/RdM	1972

*figures represent actual value times 10^3



State μ	State σ	County Experience		
399730	2940627	8092	Population	1970
1364.7	813.8	592	Road Miles	1968
3649	13064	302	Accidents	1966
3602	12490	284	Accidents	1967
3680	13067	333	Accidents	1968
3990	13689	407	Accidents	1969
3780	11939	381	Accidents	1970
			Accidents	1971
			Accidents	1972
27.7	57.3	6	Fatalities	1966
25.6	51.3	4	Fatalities	1967
28.8	55.6	6	Fatalities	1968
30.0	60.9	3	Fatalities	1969
26.2	51.5	6	Fatalities	1970
			Fatalities	1971
			Fatalities	1972
1188	6487	166	Injuries	1966
1823	6232	154	Injuries	1967
1933	6796	182	Injuries	1968
2113	7563	213	Injuries	1969
1948	6671	151	Injuries	1970
			Injuries	1971
			Injuries	1972
*53.6	21.0	58.4	Acc/R.V.	1966
*51.6	13.2	55.7	Acc/R.V.	1967
*53.4	12.7	63.6	Acc/R.V.	1968
*54.6	14.0	71.5	Acc/R.V.	1969
*53.9	11.5	66.9	Acc/R.V.	1970
			Acc/R.V.	1971
			Acc/R.V.	1972
*16.1	4.5	17.0	I.A./R.V.	1966
*15.5	4.0	16.3	I.A./R.V.	1967
*16.5	3.9	21.8	I.A./R.V.	1968
*16.4	4.6	21.8	I.A./R.V.	1969
*15.8	3.7	16.5	I.A./R.V.	1970
			I.A./R.V.	1971
			I.A./R.V.	1972
*.570	.267	.966	F.A./R.V.	1966
*.620	.332	.588	F.A./R.V.	1967
*.602	.318	.954	F.A./R.V.	1968
*.612	.320	.527	F.A./R.V.	1969
*.554	.282	.702	F.A./R.V.	1970
			F.A./R.V.	1971
			F.A./R.V.	1972
75.2	68.2	34.6	Acc/RV/RdM	1966
74.1	64.8	32.9	Acc/RV/RdM	1967
75.5	64.6	37.6	Acc/RV/RdM	1968
77.4	67.0	42.3	Acc/RV/RdM	1969
74.3	55.8	39.6	Acc/RV/RdM	1970
			Acc/RV/RdM	1971
			Acc/RV/RdM	1972
.778	.399	.327	FA/RV/RdM	1966
.757	.379	.348	FA/RV/RdM	1967
.760	.376	.565	FA/RV/RdM	1968
.785	.426	.312	FA/RV/RdM	1969
.684	.321	.416	FA/RV/RdM	1970
			FA/RV/RdM	1971
			FA/RV/RdM	1972
23.4	22.1	10.9	IA/RV/RdM	1966
22.7	21.9	9.7	IA/RV/RdM	1967
23.7	21.5	12.9	IA/RV/RdM	1968
23.8	22.7	12.9	IA/RV/RdM	1969
22.4	19.6	9.8	IA/RV/RdM	1970
			IA/RV/RdM	1971
			IA/RV/RdM	1972

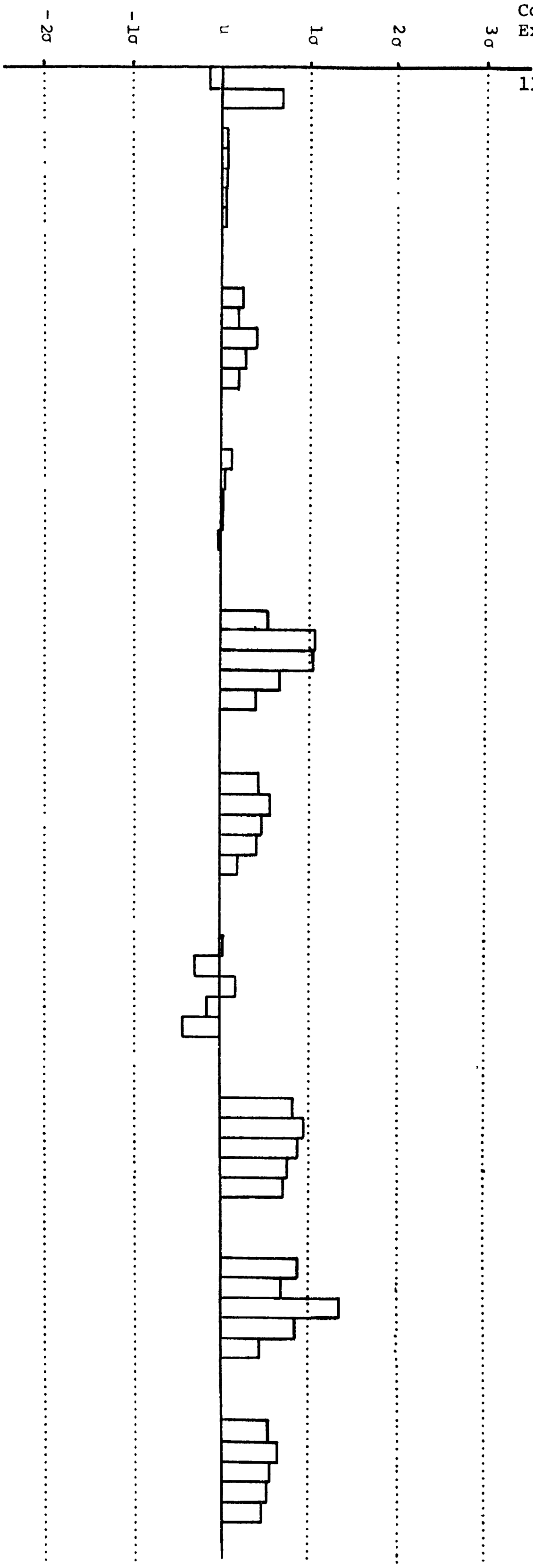
*figures represent actual value times 10^3



State μ	State σ	County Experience		
399730	2940627	62957	Population	1970
1364.7	813.8	1308	Road Miles	1968
3649	13064	1008	Accidents	1966
3602	12490	906	Accidents	1967
3680	13067	1024	Accidents	1968
3990	13689	1035	Accidents	1969
3780	11939	1034	Accidents	1970
			Accidents	1971
			Accidents	1972
27.7	57.3	25	Fatalities	1966
25.6	51.3	16	Fatalities	1967
28.8	55.6	16	Fatalities	1968
30.0	60.9	33	Fatalities	1969
26.2	51.5	25	Fatalities	1970
			Fatalities	1971
			Fatalities	1972
1188	6487	817	Injuries	1966
1823	6232	706	Injuries	1967
1933	6796	814	Injuries	1968
2113	7563	860	Injuries	1969
1948	6671	872	Injuries	1970
			Injuries	1971
			Injuries	1972
*53.6	21.0	28.6	Acc/R.V.	1966
*51.6	13.2	25.5	Acc/R.V.	1967
*53.4	12.7	27.6	Acc/R.V.	1968
*54.6	14.0	26.0	Acc/R.V.	1969
*53.9	11.5	25.4	Acc/R.V.	1970
			Acc/R.V.	1971
			Acc/R.V.	1972
*16.1	4.5	14.2	I.A./R.V.	1966
*15.5	4.0	9.3	I.A./R.V.	1967
*16.5	3.9	13.5	I.A./R.V.	1968
*16.4	4.6	13.1	I.A./R.V.	1969
*15.8	3.7	12.6	I.A./R.V.	1970
			I.A./R.V.	1971
			I.A./R.V.	1972
*.570	.267	.510	F.A./R.V.	1966
*.620	.332	.450	F.A./R.V.	1967
*.602	.318	.404	F.A./R.V.	1968
*.612	.320	.754	F.A./R.V.	1969
*.554	.282	.443	F.A./R.V.	1970
			F.A./R.V.	1971
			F.A./R.V.	1972
75.2	68.2	37.4	Acc/RV/RdM	1966
74.1	64.8	33.4	Acc/RV/RdM	1967
75.5	64.6	36.1	Acc/RV/RdM	1968
77.4	67.0	34.0	Acc/RV/RdM	1969
74.3	55.8	33.3	Acc/RV/RdM	1970
			Acc/RV/RdM	1971
			Acc/RV/RdM	1972
.778	.399	.667	FA/RV/RdM	1966
.757	.379	.589	FA/RV/RdM	1967
.760	.376	.528	FA/RV/RdM	1968
.785	.426	.987	FA/RV/RdM	1969
.684	.321	.579	FA/RV/RdM	1970
			FA/RV/RdM	1971
			FA/RV/RdM	1972
23.4	22.1	18.6	IA/RV/RdM	1966
22.7	21.9	12.2	IA/RV/RdM	1967
23.7	21.5	17.7	IA/RV/RdM	1968
23.8	22.7	17.1	IA/RV/RdM	1969
22.4	19.6	16.5	IA/RV/RdM	1970
			IA/RV/RdM	1971
			IA/RV/RdM	1972

*figures represent actual value times 10^3

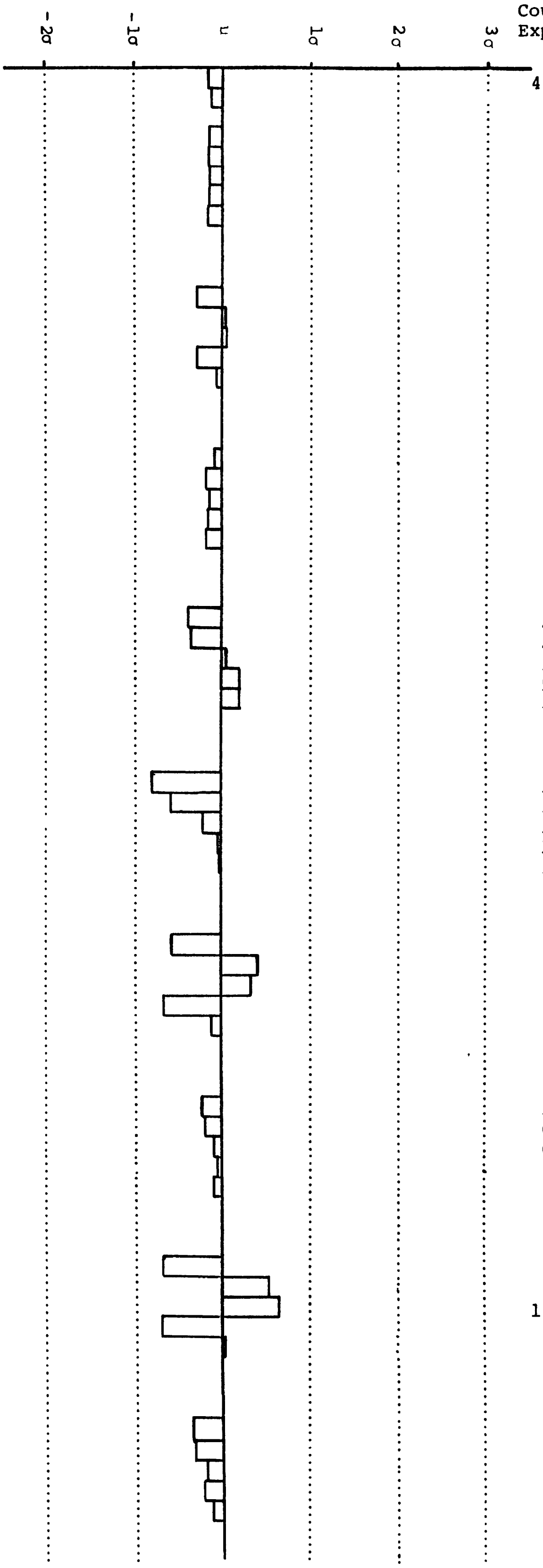
ST. CLAIR



State μ	State σ	County Experience		
399730	2940627	118776	Population	1970
1364.7	813.8	1967	Road Miles	1968
3649	13064	4158	Accidents	1966
3602	12490	4212	Accidents	1967
3680	13067	4410	Accidents	1968
3990	13689	4554	Accidents	1969
3780	11939	4244	Accidents	1970
			Accidents	1971
			Accidents	1972
27.7	57.3	42	Fatalities	1966
25.6	51.3	35	Fatalities	1967
28.8	55.6	55	Fatalities	1968
30.0	60.9	46	Fatalities	1969
26.2	51.5	36	Fatalities	1970
			Fatalities	1971
			Fatalities	1972
1188	6487	1923	Injuries	1966
1823	6232	1973	Injuries	1967
1933	6796	1963	Injuries	1968
2113	7563	2145	Injuries	1969
1948	6671	1826	Injuries	1970
			Injuries	1971
			Injuries	1972
53.6	21.0	66.3	Acc/R.V.	1966
51.6	13.2	66.7	Acc/R.V.	1967
53.4	12.7	66.7	Acc/R.V.	1968
* 54.6	14.0	64.3	Acc/R.V.	1969
53.9	11.5	58.6	Acc/R.V.	1970
			Acc/R.V.	1971
			Acc/R.V.	1972
16.1	4.5	18.2	I.A./R.V.	1966
15.5	4.0	18.8	I.A./R.V.	1967
16.5	3.9	18.4	I.A./R.V.	1968
* 16.4	4.6	18.5	I.A./R.V.	1969
15.8	3.7	16.3	I.A./R.V.	1970
			I.A./R.V.	1971
			I.A./R.V.	1972
.570	.267	.574	F.A./R.V.	1966
.620	.332	.522	F.A./R.V.	1967
.602	.318	.650	F.A./R.V.	1968
* .612	.320	.578	F.A./R.V.	1969
.554	.282	.427	F.A./R.V.	1970
			F.A./R.V.	1971
			F.A./R.V.	1972
75.2	68.2	130.4	Acc/RV/RdM	1966
74.1	64.8	131.2	Acc/RV/RdM	1967
75.5	64.6	131.1	Acc/RV/RdM	1968
77.4	67.0	126.4	Acc/RV/RdM	1969
74.3	55.8	115.2	Acc/RV/RdM	1970
			Acc/RV/RdM	1971
			Acc/RV/RdM	1972
.778	.399	1.129	FA/RV/RdM	1966
.757	.379	1.027	FA/RV/RdM	1967
.760	.376	1.279	FA/RV/RdM	1968
.785	.426	1.138	FA/RV/RdM	1969
.684	.321	.840	FA/RV/RdM	1970
			FA/RV/RdM	1971
			FA/RV/RdM	1972
23.4	22.1	35.8	IA/RV/RdM	1966
22.7	21.9	37.0	IA/RV/RdM	1967
23.7	21.5	36.2	IA/RV/RdM	1968
23.8	22.7	36.4	IA/RV/RdM	1969
22.4	19.6	32.1	IA/RV/RdM	1970
			IA/RV/RdM	1971
			IA/RV/RdM	1972

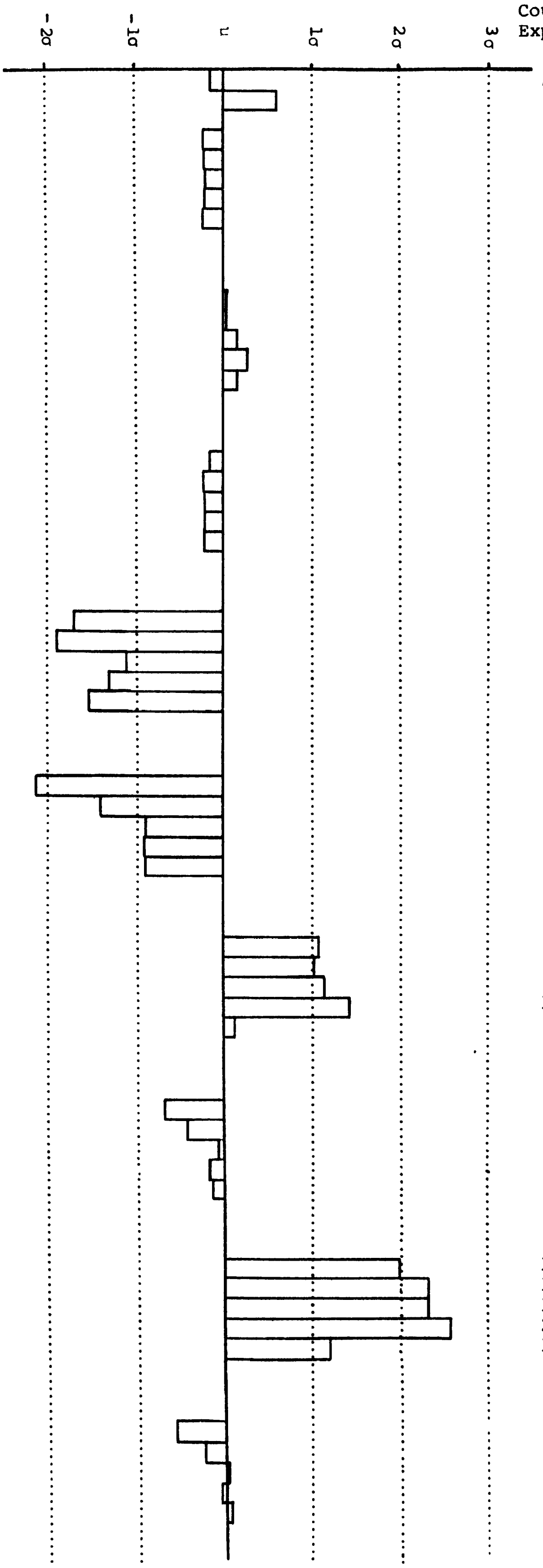
*figures represent actual value times 10^3

ST. JOSEPH



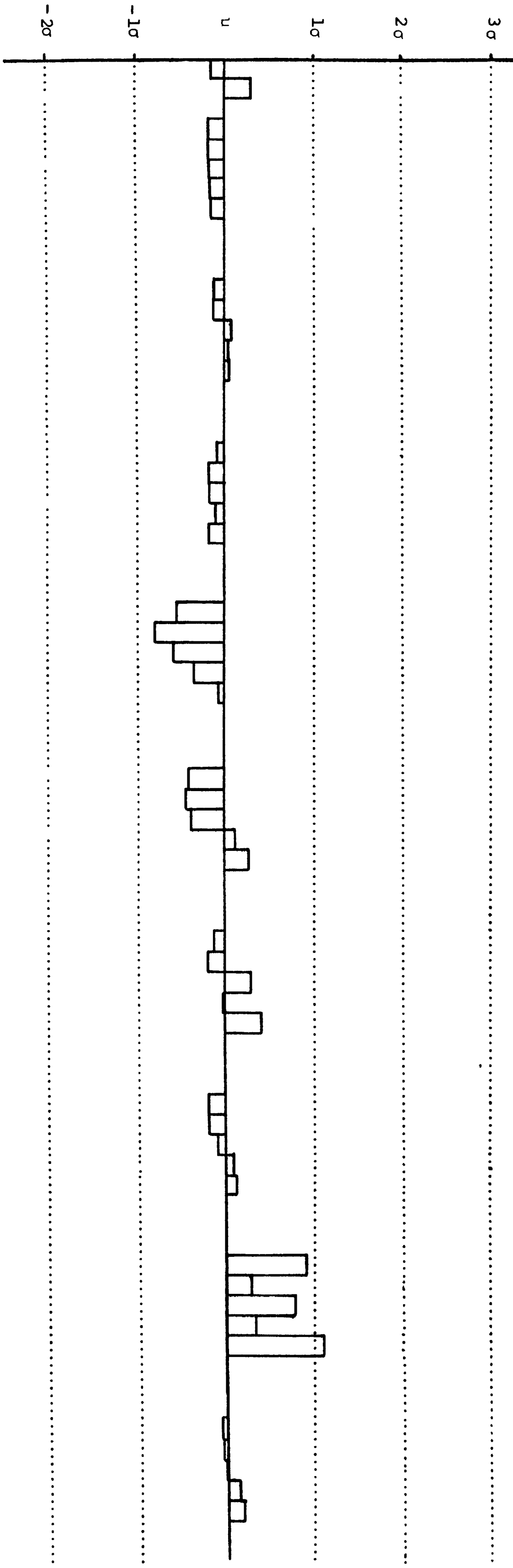
State μ	State σ	County Experience		
399730	2940627	46713	Population	1970
1364.7	813.8	1280	Road Miles	1968
3649	13064	1379	Accidents	1966
3602	12490	1447	Accidents	1967
3680	13067	1703	Accidents	1968
3990	13689	1857	Accidents	1969
3780	11939	1848	Accidents	1970
			Accidents	1971
			Accidents	1972
27.7	57.3	13	Fatalities	1966
25.6	51.3	26	Fatalities	1967
28.8	55.6	32	Fatalities	1968
30.0	60.9	14	Fatalities	1969
26.2	51.5	23	Fatalities	1970
			Fatalities	1971
			Fatalities	1972
1188	6487	626	Injuries	1966
1823	6232	661	Injuries	1967
1933	6796	849	Injuries	1968
2113	7563	829	Injuries	1969
1948	6671	859	Injuries	1970
			Injuries	1971
			Injuries	1972
*53.6	21.0	45.5	Acc/R.V.	1966
*51.6	13.2	47.3	Acc/R.V.	1967
*53.4	12.7	54.1	Acc/R.V.	1968
*54.6	14.0	57.2	Acc/R.V.	1969
*53.9	11.5	55.3	Acc/R.V.	1970
			Acc/R.V.	1971
			Acc/R.V.	1972
*16.1	4.5	12.5	I.A./R.V.	1966
*15.5	4.0	13.2	I.A./R.V.	1967
*16.5	3.9	15.6	I.A./R.V.	1968
*16.4	4.6	16.2	I.A./R.V.	1969
*15.8	3.7	15.7	I.A./R.V.	1970
			I.A./R.V.	1971
			I.A./R.V.	1972
*.570	.267	.396	F.A./R.V.	1966
*.620	.332	.752	F.A./R.V.	1967
*.602	.318	.794	F.A./R.V.	1968
*.612	.320	.400	F.A./R.V.	1969
*.554	.282	.538	F.A./R.V.	1970
			F.A./R.V.	1971
			F.A./R.V.	1972
75.2	68.2	58.3	Acc/RV/RdM	1966
74.1	64.8	60.5	Acc/RV/RdM	1967
75.5	64.6	69.3	Acc/RV/RdM	1968
77.4	67.0	73.3	Acc/RV/RdM	1969
74.3	55.8	70.8	Acc/RV/RdM	1970
			Acc/RV/RdM	1971
			Acc/RV/RdM	1972
.778	.399	.507	FA/RV/RdM	1966
.757	.379	.963	FA/RV/RdM	1967
.760	.376	1.016	FA/RV/RdM	1968
.785	.426	.513	FA/RV/RdM	1969
.684	.321	.689	FA/RV/RdM	1970
			FA/RV/RdM	1971
			FA/RV/RdM	1972
23.4	22.1	16.0	IA/RV/RdM	1966
22.7	21.9	16.9	IA/RV/RdM	1967
23.7	21.5	20.0	IA/RV/RdM	1968
23.8	22.7	20.7	IA/RV/RdM	1969
22.4	19.6	20.1	IA/RV/RdM	1970
			IA/RV/RdM	1971
			IA/RV/RdM	1972

*figures represent actual value times 10^3



State μ	State σ	County Experience		
399730	2940627	48285	Population	1970
1364.7	813.8	1850	Road Miles	1968
3649	13064	454	Accidents	1966
3602	12490	762	Accidents	1967
3680	13067	1155	Accidents	1968
3990	13689	1156	Accidents	1969
3780	11939	1186	Accidents	1970
			Accidents	1971
			Accidents	1972
27.7	57.3	28	Fatalities	1966
25.6	51.3	26	Fatalities	1967
28.8	55.6	37	Fatalities	1968
30.0	60.9	48	Fatalities	1969
26.2	51.5	34	Fatalities	1970
			Fatalities	1971
			Fatalities	1972
1188	6487	356	Injuries	1966
1823	6232	448	Injuries	1967
1933	6796	661	Injuries	1968
2113	7563	650	Injuries	1969
1948	6671	645	Injuries	1970
			Injuries	1971
			Injuries	1972
*53.6	21.0	15.5	Acc/R.V.	1966
*51.6	13.2	27.0	Acc/R.V.	1967
*53.4	12.7	39.4	Acc/R.V.	1968
*54.6	14.0	37.0	Acc/R.V.	1969
*53.9	11.5	36.3	Acc/R.V.	1970
			Acc/R.V.	1971
			Acc/R.V.	1972
*16.1	4.5	6.2	I.A./R.V.	1966
*15.5	4.0	9.9	I.A./R.V.	1967
*16.5	3.9	12.9	I.A./R.V.	1968
*16.4	4.6	12.2	I.A./R.V.	1969
*15.8	3.7	12.6	I.A./R.V.	1970
			I.A./R.V.	1971
			I.A./R.V.	1972
*.570	.267	.850	F.A./R.V.	1966
*.620	.332	.886	F.A./R.V.	1967
*.602	.318	.886	F.A./R.V.	1968
*.612	.320	1.087	F.A./R.V.	1969
*.554	.282	.581	F.A./R.V.	1970
			F.A./R.V.	1971
			F.A./R.V.	1972
75.2	68.2	28.6	Acc/RV/RdM	1966
74.1	64.8	49.9	Acc/RV/RdM	1967
75.5	64.6	72.8	Acc/RV/RdM	1968
77.4	67.0	65.5	Acc/RV/RdM	1969
74.3	55.8	67.2	Acc/RV/RdM	1970
			Acc/RV/RdM	1971
			Acc/RV/RdM	1972
.778	.399	1.573	FA/RV/RdM	1966
.757	.379	1.639	FA/RV/RdM	1967
.760	.376	1.639	FA/RV/RdM	1968
.785	.426	2.012	FA/RV/RdM	1969
.684	.321	1.075	FA/RV/RdM	1970
			FA/RV/RdM	1971
			FA/RV/RdM	1972
23.4	22.1	11.5	IA/RV/RdM	1966
22.7	21.9	18.3	IA/RV/RdM	1967
23.7	21.5	23.9	IA/RV/RdM	1968
23.8	22.7	22.6	IA/RV/RdM	1969
22.4	19.6	23.3	IA/RV/RdM	1970
			IA/RV/RdM	1971
			IA/RV/RdM	1972

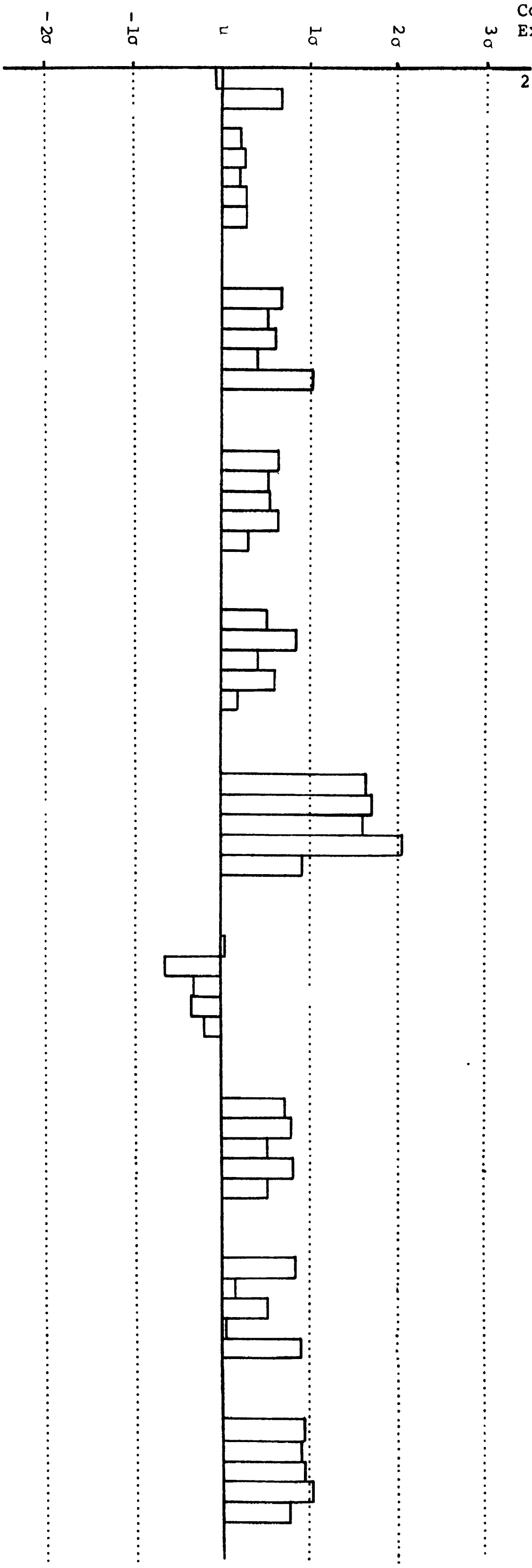
*figures represent actual value times 10^3



State μ	State σ	County Experience		
399730	2940627	55182	Population	1970
1364.7	813.8	1545	Road Miles	1968
3649	13064	1390	Accidents	1966
3602	12490	1403	Accidents	1967
3680	13067	1546	Accidents	1968
3990	13689	1831	Accidents	1969
3780	11939	1952	Accidents	1970
			Accidents	1971
			Accidents	1972
27.7	57.3	21	Fatalities	1966
25.6	51.3	19	Fatalities	1967
28.8	55.6	35	Fatalities	1968
30.0	60.9	32	Fatalities	1969
26.2	51.5	29	Fatalities	1970
			Fatalities	1971
			Fatalities	1972
1188	6487	799	Injuries	1966
1823	6232	852	Injuries	1967
1933	6796	909	Injuries	1968
2113	7563	1016	Injuries	1969
1948	6671	976	Injuries	1970
			Injuries	1971
			Injuries	1972
*53.6	21.0	41.8	Acc/R.V.	1966
*51.6	13.2	40.9	Acc/R.V.	1967
*53.4	12.7	44.2	Acc/R.V.	1968
*54.6	14.0	50.0	Acc/R.V.	1969
*53.9	11.5	52.9	Acc/R.V.	1970
			Acc/R.V.	1971
			Acc/R.V.	1972
*16.1	4.5	14.3	I.A./R.V.	1966
*15.5	4.0	13.8	I.A./R.V.	1967
*16.5	3.9	15.1	I.A./R.V.	1968
*16.4	4.6	17.0	I.A./R.V.	1969
*15.8	3.7	16.7	I.A./R.V.	1970
			I.A./R.V.	1971
			I.A./R.V.	1972
*.570	.267	.541	F.A./R.V.	1966
*.620	.332	.554	F.A./R.V.	1967
*.602	.318	.685	F.A./R.V.	1968
*.612	.320	.600	F.A./R.V.	1969
*.554	.282	.678	F.A./R.V.	1970
			F.A./R.V.	1971
			F.A./R.V.	1972
75.2	68.2	64.6	Acc/RV/RdM	1966
74.1	64.8	63.2	Acc/RV/RdM	1967
75.5	64.6	68.2	Acc/RV/RdM	1968
77.4	67.0	80.8	Acc/RV/RdM	1969
74.3	55.8	81.8	Acc/RV/RdM	1970
			Acc/RV/RdM	1971
			Acc/RV/RdM	1972
.778	.399	1.145	FA/RV/RdM	1966
.757	.379	.856	FA/RV/RdM	1967
.760	.376	1.059	FA/RV/RdM	1968
.785	.426	.928	FA/RV/RdM	1969
.684	.321	1.048	FA/RV/RdM	1970
			FA/RV/RdM	1971
			FA/RV/RdM	1972
23.4	22.1	22.1	IA/RV/RdM	1966
22.7	21.9	21.3	IA/RV/RdM	1967
23.7	21.5	23.3	IA/RV/RdM	1968
23.8	22.7	26.3	IA/RV/RdM	1969
22.4	19.6	25.8	IA/RV/RdM	1970
			IA/RV/RdM	1971
			IA/RV/RdM	1972

*figures represent actual value times 10^3

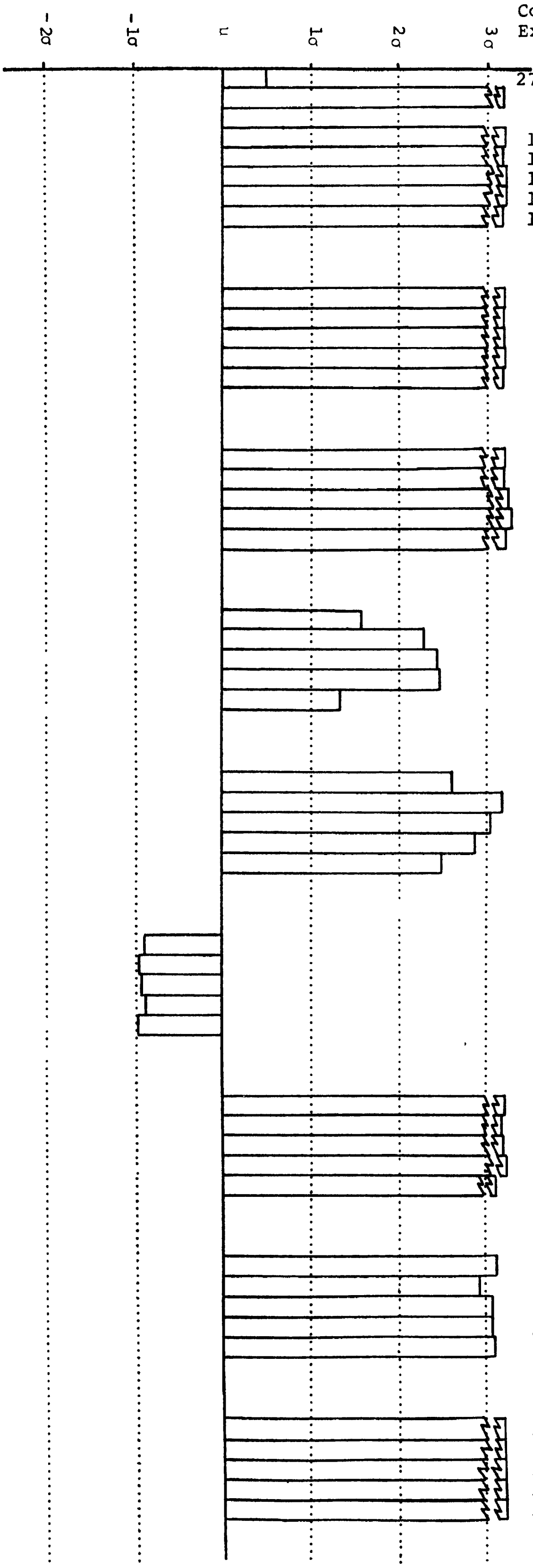
WASHTENAW



State μ	State σ	County Experience		
399730	2940627	230128	Population	1970
1364.7	813.8	1923	Road Miles	1968
3649	13064	6776	Accidents	1966
3602	12490	6734	Accidents	1967
3680	13067	6642	Accidents	1968
3990	13689	7573	Accidents	1969
3780	11939	7055	Accidents	1970
			Accidents	1971
			Accidents	1972
27.7	57.3	69	Fatalities	1966
25.6	51.3	55	Fatalities	1967
28.8	55.6	64	Fatalities	1968
30.0	60.9	57	Fatalities	1969
26.2	51.5	78	Fatalities	1970
			Fatalities	1971
			Fatalities	1972
1188	6487	3829	Injuries	1966
1823	6232	3808	Injuries	1967
1933	6796	4047	Injuries	1968
2113	7563	4690	Injuries	1969
1948	6671	4055	Injuries	1970
			Injuries	1971
			Injuries	1972
53.6	21.0	65.6	Acc/R.V.	1966
51.6	13.2	62.9	Acc/R.V.	1967
53.4	12.7	58.7	Acc/R.V.	1968
* 54.6	14.0	62.7	Acc/R.V.	1969
53.9	11.5	56.1	Acc/R.V.	1970
			Acc/R.V.	1971
			Acc/R.V.	1972
16.1	4.5	23.5	I.A./R.V.	1966
15.5	4.0	22.3	I.A./R.V.	1967
16.5	3.9	22.9	I.A./R.V.	1968
* 16.4	4.6	24.6	I.A./R.V.	1969
15.8	3.7	20.7	I.A./R.V.	1970
			I.A./R.V.	1971
			I.A./R.V.	1972
.570	.267	.580	F.A./R.V.	1966
.620	.332	.420	F.A./R.V.	1967
.602	.318	.512	F.A./R.V.	1968
* .612	.320	.421	F.A./R.V.	1969
.554	.282	.509	F.A./R.V.	1970
			F.A./R.V.	1971
			F.A./R.V.	1972
75.2	68.2	126.1	Acc/RV/RdM	1966
74.1	64.8	120.9	Acc/RV/RdM	1967
75.5	64.6	112.9	Acc/RV/RdM	1968
77.4	67.0	128.7	Acc/RV/RdM	1969
74.3	55.8	107.9	Acc/RV/RdM	1970
			Acc/RV/RdM	1971
			Acc/RV/RdM	1972
.778	.399	1.115	FA/RV/RdM	1966
.757	.379	.808	FA/RV/RdM	1967
.760	.376	.985	FA/RV/RdM	1968
.785	.426	.811	FA/RV/RdM	1969
.684	.321	.979	FA/RV/RdM	1970
			FA/RV/RdM	1971
			FA/RV/RdM	1972
23.4	22.1	45.2	IA/RV/RdM	1966
22.7	21.9	42.9	IA/RV/RdM	1967
23.7	21.5	44.0	IA/RV/RdM	1968
23.8	22.7	47.3	IA/RV/RdM	1969
22.4	19.6	39.8	IA/RV/RdM	1970
			IA/RV/RdM	1971
			IA/RV/RdM	1972

*figures represent actual value times 10^3

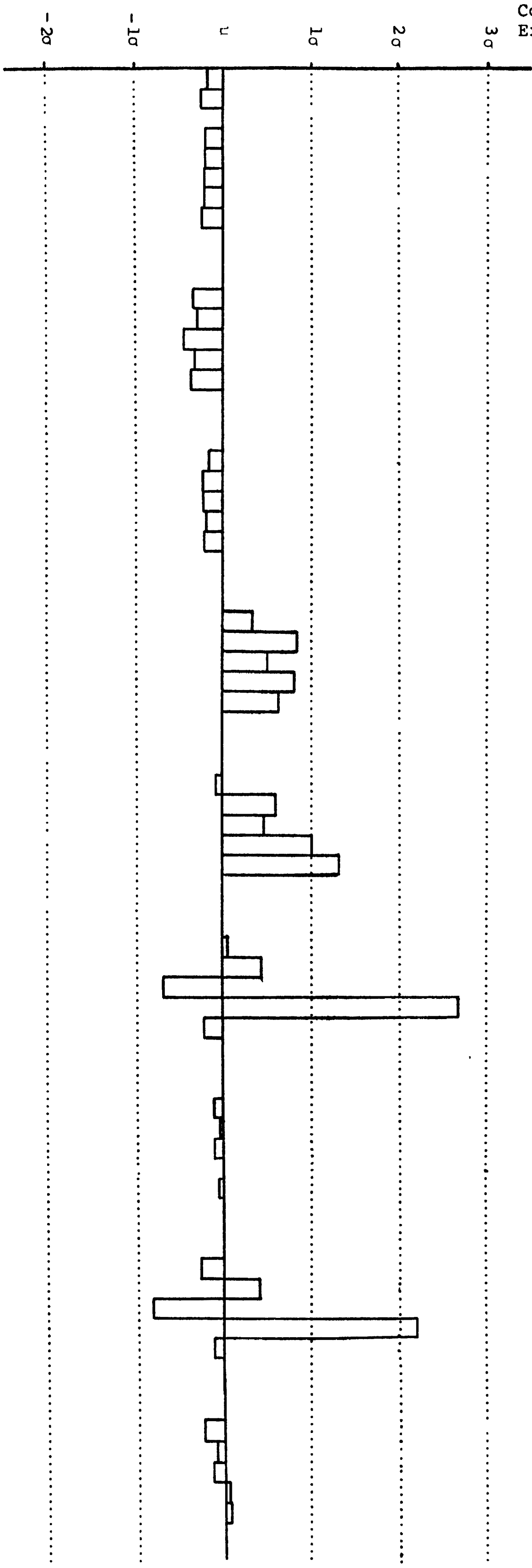
WAYNE



State μ	State σ	County Experience		
399730	2940627	2700000	Population	1970
1364.7	813.8	6258	Road Miles	1968
3649	13064	115857	Accidents	1966
3602	12490	110345	Accidents	1967
3680	13067	116569	Accidents	1968
3990	13689	121113	Accidents	1969
3780	11939	103830	Accidents	1970
			Accidents	1971
			Accidents	1972
27.7	57.3	476	Fatalities	1966
25.6	51.3	424	Fatalities	1967
28.8	55.6	459	Fatalities	1968
30.0	60.9	500	Fatalities	1969
26.2	51.5	431	Fatalities	1970
			Fatalities	1971
			Fatalities	1972
1188	6487	56366	Injuries	1966
1823	6232	54191	Injuries	1967
1933	6796	59854	Injuries	1968
2113	7563	66654	Injuries	1969
1948	6671	58060	Injuries	1970
			Injuries	1971
			Injuries	1972
53.6*	21.0	87.5	Acc/R.V.	1966
51.6*	13.2	83.8	Acc/R.V.	1967
53.4*	12.7	86.9	Acc/R.V.	1968
54.6*	14.0	85.7	Acc/R.V.	1969
53.9*	11.5	72.6	Acc/R.V.	1970
			Acc/R.V.	1971
			Acc/R.V.	1972
16.1*	4.5	27.9	I.A./R.V.	1966
15.5*	4.0	28.5	I.A./R.V.	1967
16.5*	3.9	28.4	I.A./R.V.	1968
16.4*	4.6	30.0	I.A./R.V.	1969
15.8*	3.7	25.7	I.A./R.V.	1970
			I.A./R.V.	1971
			I.A./R.V.	1972
.570*	.267	.325	F.A./R.V.	1966
.620*	.332	.300	F.A./R.V.	1967
.602*	.318	.312	F.A./R.V.	1968
.612*	.320	.335	F.A./R.V.	1969
.554*	.282	.276	F.A./R.V.	1970
			F.A./R.V.	1971
			F.A./R.V.	1972
75.2	68.2	547.2	Acc/RV/RdM	1966
74.1	64.8	524.0	Acc/RV/RdM	1967
75.5	64.6	543.0	Acc/RV/RdM	1968
77.4	67.0	564.9	Acc/RV/RdM	1969
74.3	55.8	454.0	Acc/RV/RdM	1970
			Acc/RV/RdM	1971
			Acc/RV/RdM	1972
.778	.399	2.034	FA/RV/RdM	1966
.757	.379	1.877	FA/RV/RdM	1967
.760	.376	1.952	FA/RV/RdM	1968
.785	.426	2.101	FA/RV/RdM	1969
.684	.321	1.727	FA/RV/RdM	1970
			FA/RV/RdM	1971
			FA/RV/RdM	1972
23.4	22.1	174.6	IA/RV/RdM	1966
22.7	21.9	178.4	IA/RV/RdM	1967
23.7	21.5	177.7	IA/RV/RdM	1968
23.8	22.7	187.7	IA/RV/RdM	1969
22.4	19.6	160.8	IA/RV/RdM	1970
			IA/RV/RdM	1971
			IA/RV/RdM	1972

*figures represent actual value times 10^3

WEXFORD



State μ	State σ	County Experience		
399730	2940627	19295	Population	1970
1364.7	813.8	1165	Road Miles	1968
3649	13064	717	Accidents	1966
3602	12490	792	Accidents	1967
3680	13067	762	Accidents	1968
3990	13689	849	Accidents	1969
3780	11939	881	Accidents	1970
			Accidents	1971
			Accidents	1972
27.7	57.3	10	Fatalities	1966
25.6	51.3	12	Fatalities	1967
28.8	55.6	6	Fatalities	1968
30.0	60.9	21	Fatalities	1969
26.2	51.5	9	Fatalities	1970
			Fatalities	1971
			Fatalities	1972
1188	6487	349	Injuries	1966
1823	6232	382	Injuries	1967
1933	6796	349	Injuries	1968
2113	7563	524	Injuries	1969
1948	6671	580	Injuries	1970
			Injuries	1971
			Injuries	1972
53.6	21.0	59.8	Acc/R.V.	1966
51.6	13 2	63.0	Acc/R.V.	1967
53.4	12.7	59.6	Acc/R.V.	1968
*54.6	14.0	63.3	Acc/R.V.	1969
53.9	11.5	62.5	Acc/R.V.	1970
			Acc/R.V.	1971
			Acc/R.V.	1972
16.1	4.5	15.8	I.A./R.V.	1966
15.5	4.0	18.0	I.A./R.V.	1967
16.5	3.9	18.4	I.A./R.V.	1968
*16.4	4.6	21.0	I.A./R.V.	1969
15.8	3.7	20.9	I.A./R.V.	1970
			I.A./R.V.	1971
			I.A./R.V.	1972
.570	.267	.583	F.A./R.V.	1966
.620	.332	.794	F.A./R.V.	1967
.602	.318	.391	F.A./R.V.	1968
*.612	.320	1.490	F.A./R.V.	1969
.554	.282	.497	F.A./R.V.	1970
			F.A./R.V.	1971
			F.A./R.V.	1972
75.2	68.2	69.6	Acc/RV/RdM	1966
74.1	64.8	73.3	Acc/RV/RdM	1967
75.5	64.6	69.4	Acc/RV/RdM	1968
77.4	67.0	77.4	Acc/RV/RdM	1969
74.3	55.8	72.7	Acc/RV/RdM	1970
			Acc/RV/RdM	1971
			Acc/RV/RdM	1972
.778	.399	.679	FA/RV/RdM	1966
.757	.379	.925	FA/RV/RdM	1967
.760	.376	.456	FA/RV/RdM	1968
.785	.426	1.736	FA/RV/RdM	1969
.684	.321	.579	FA/RV/RdM	1970
			FA/RV/RdM	1971
			FA/RV/RdM	1972
23.4	22.1	18.4	IA/RV/RdM	1966
22.7	21.9	21.0	IA/RV/RdM	1967
23.7	21.5	21.4	IA/RV/RdM	1968
23.8	22.7	24.5	IA/RV/RdM	1969
22.4	19.6	24.4	IA/RV/RdM	1970
			IA/RV/RdM	1971
			IA/RV/RdM	1972

*figures represent actual value times 10^3

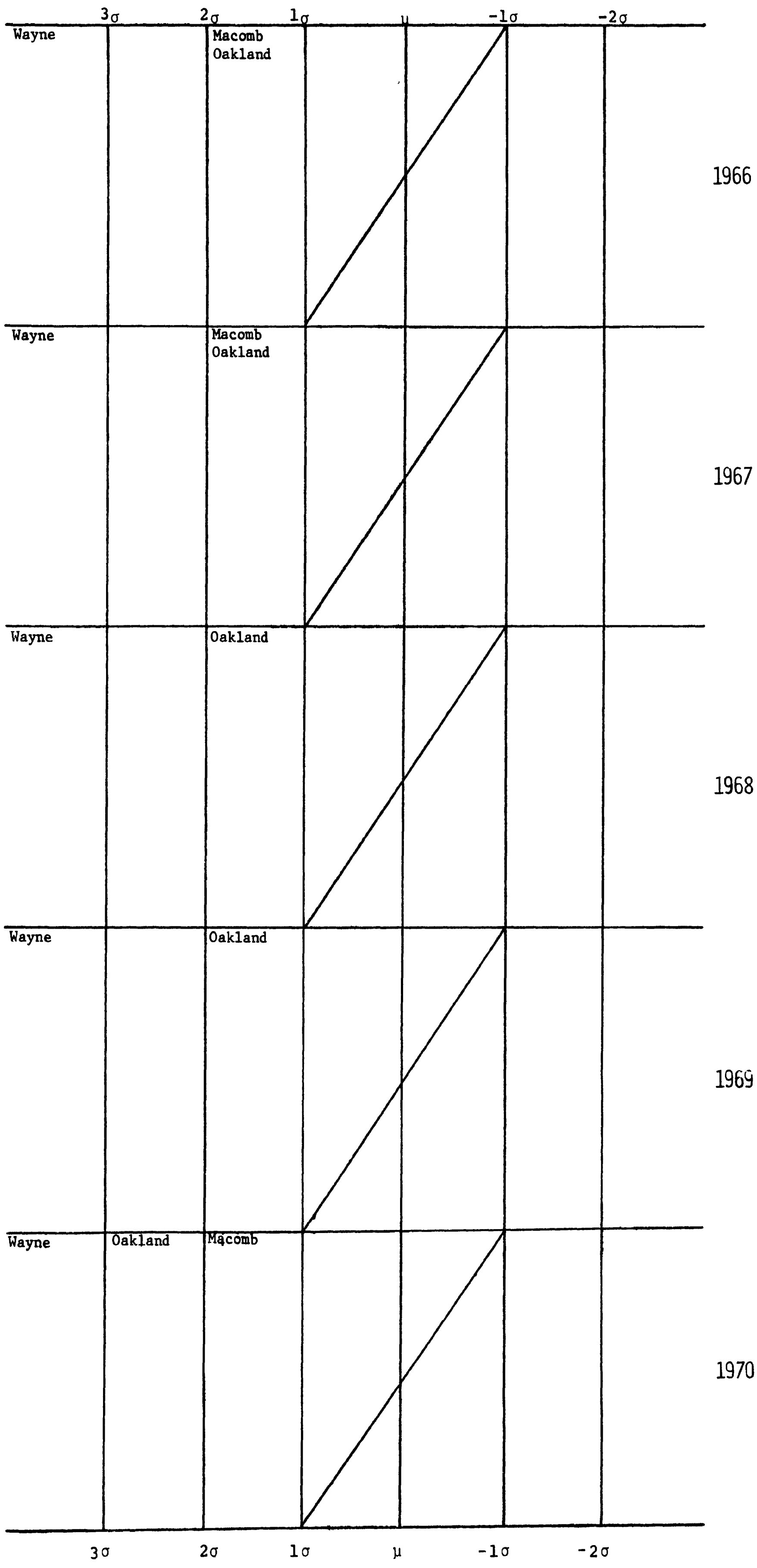
APPENDIX II

KEYS FOR COUNTIES DEVIATING FROM THE STATE MEAN

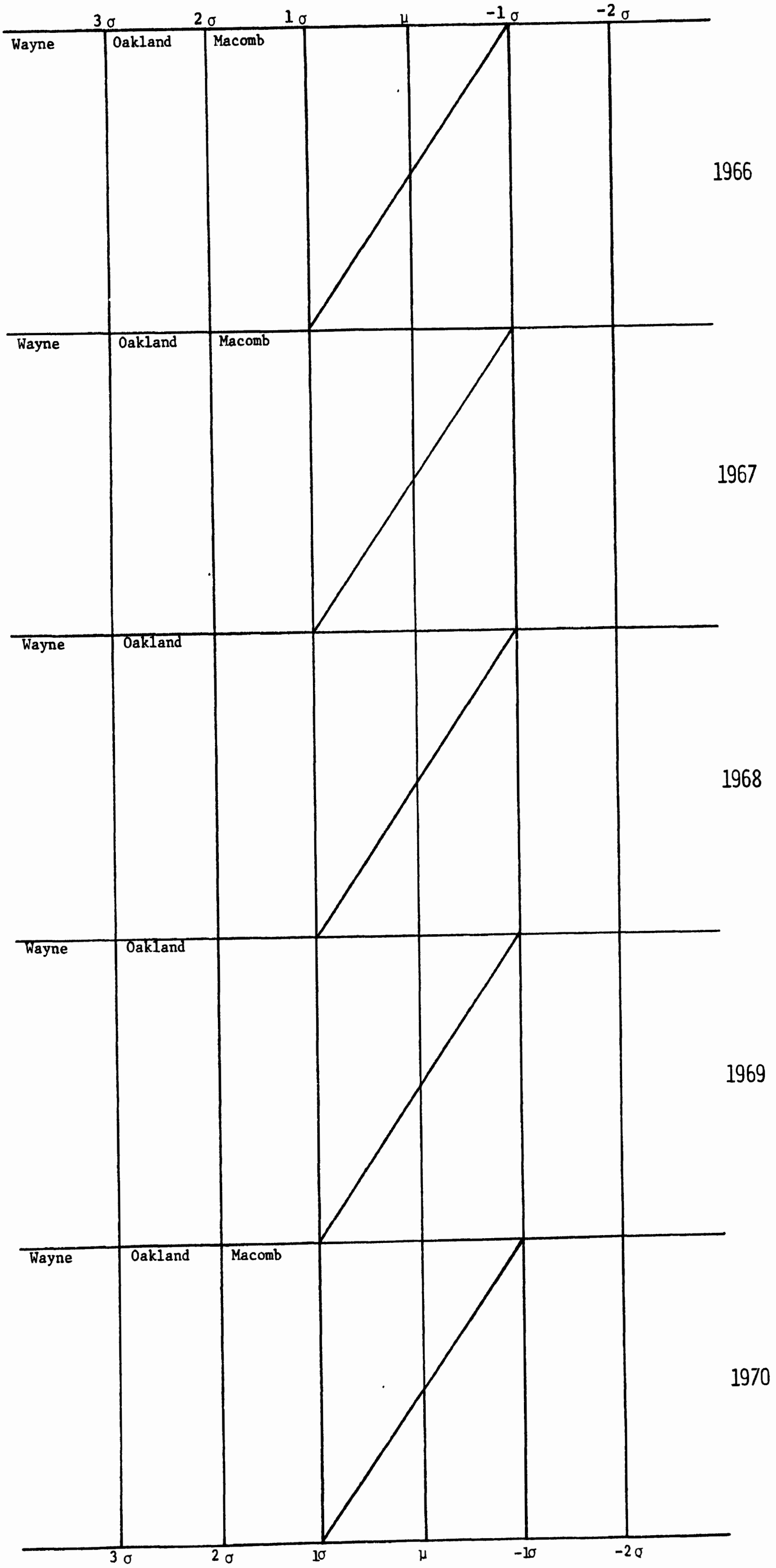
Included in this appendix are keys for each of the plotted variables listing counties above and below one standard deviation from the State mean. Those counties that lie within one standard deviation of the mean are not included since these are not of principal interest for discerning the "good" and "bad" counties. These keys simply list counties based on the profiles of Appendix I to assist in interpreting those graphs. For example, if one were interested in those counties that have significantly more accidents than the average for the State one could look in Appendix I at each and every county graph or simply turn to the key herein for that variable and find Wayne, Oakland, and Macomb counties have more accidents than other counties. Examination of this key shows Wayne is the "worst" county for this criterion, while Oakland and Macomb are better but still above the State μ.

In general, then, going from left to right on these keys reveals counties distributed from "worst" to "best." Also, how a county shifts in position from top to bottom on the time dimension gives an indication of experience trend over the five years covered. Appendix III shows that trend information more explicitly.

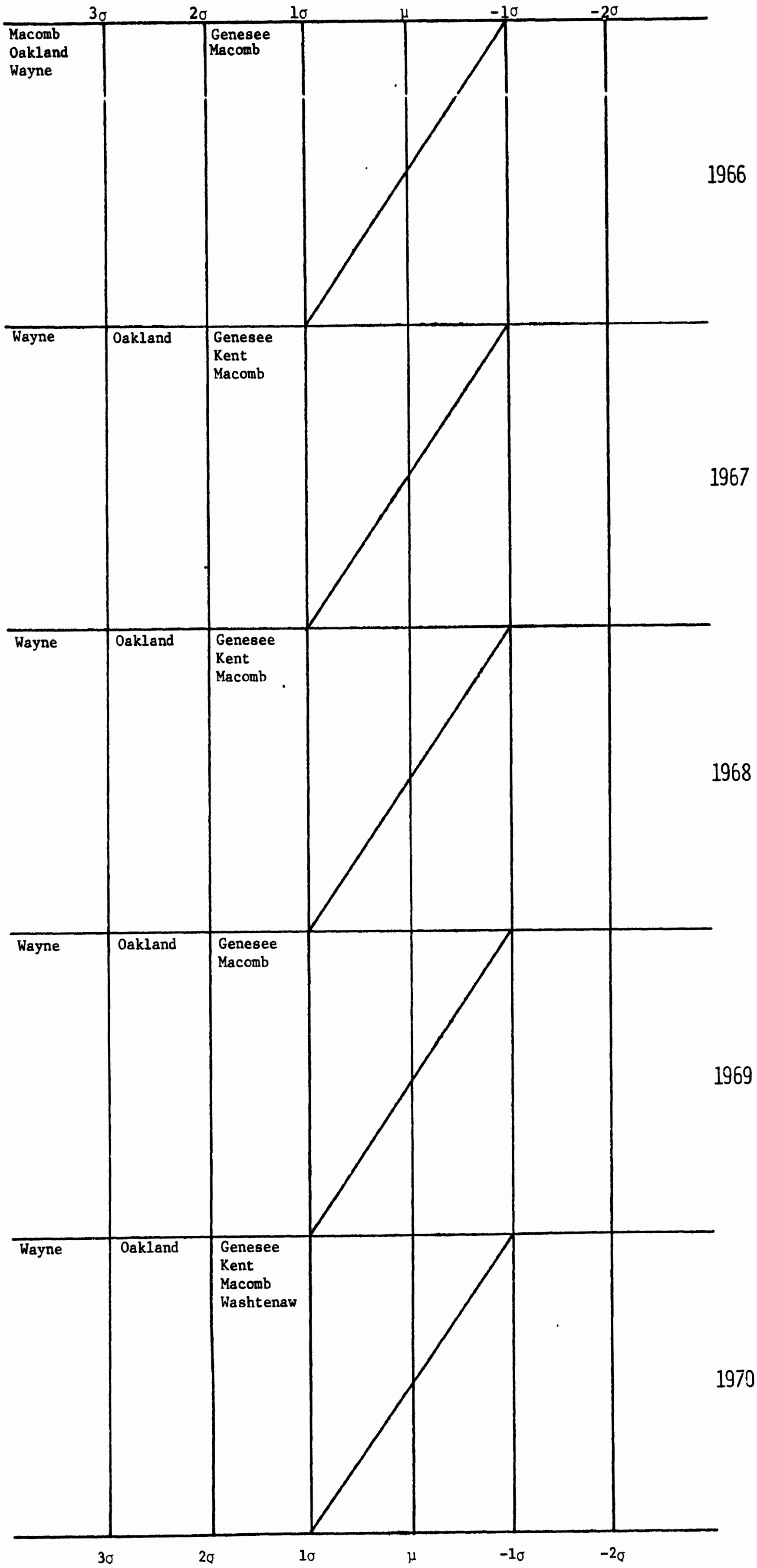
ACCIDENTS


3σ
2σ
1σ
μ
-1σ
-2σ
Wayne
Macomb
Oakland
1966
Wayne
Macomb
Oakland
1967
Wayne
Oakland
1968
Wayne
Oakland
1969
Wayne
Oakland
Macomb
1970
3σ
2σ
1σ
μ
-1σ
-2σ

INJURIES


3 σ
2 σ
1 σ
μ
-1 σ
-2 σ
Wayne
Oakland
Macomb
1966
Wayne
Oakland
Macomb
1967
Wayne
Oakland
1968
Wayne
Oakland
1969
Wayne
Oakland
Macomb
1970
3 σ
2 σ
1σ
μ
-1σ
-2 σ

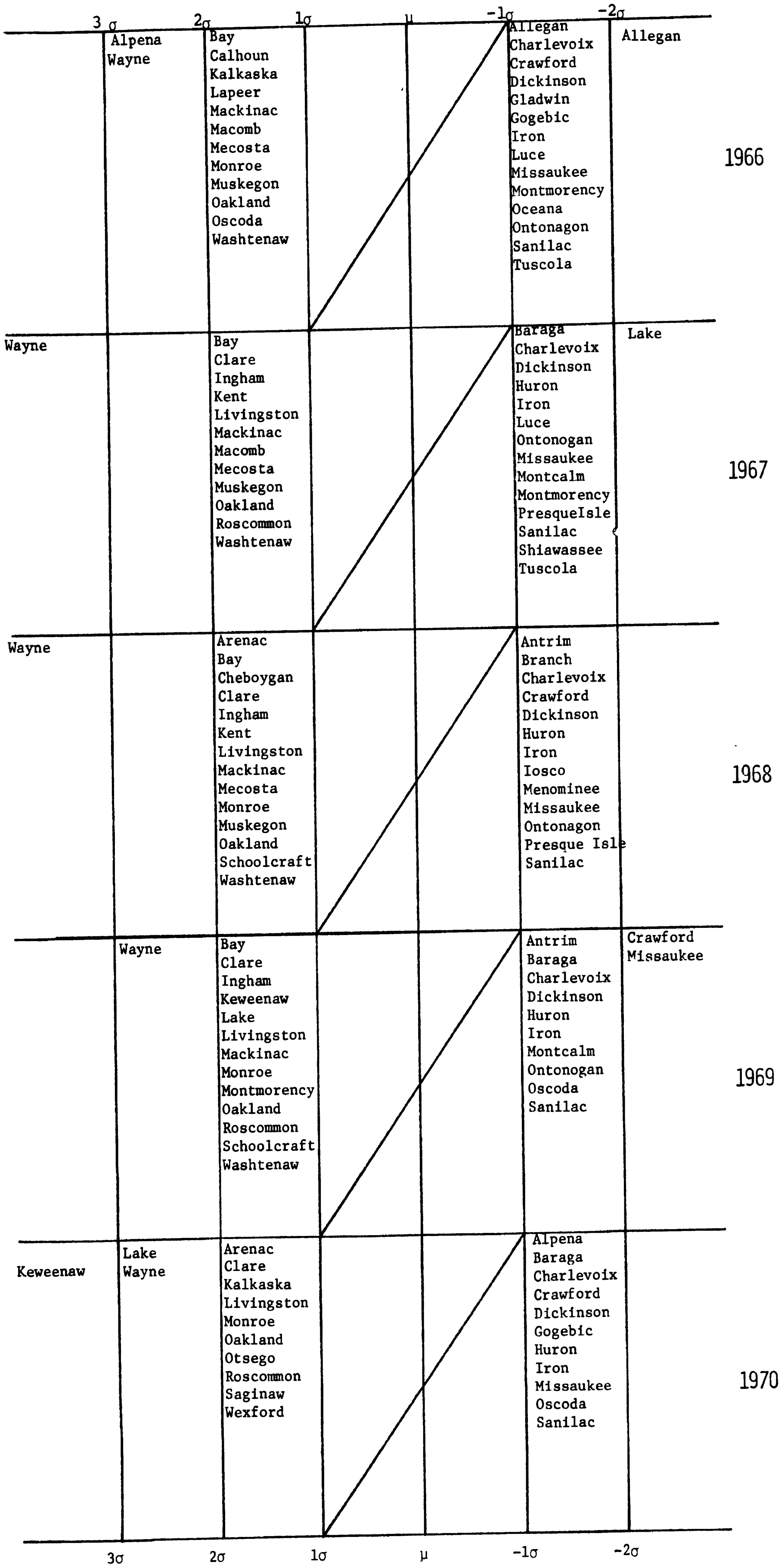
FATALITIES


3σ
2σ
1σ
μ
-1σ
-2σ
Macomb
Oakland
Wayne
Genesee
Macomb
1966
Wayne
Oakland
Genesee
Kent
Macomb
1967
Wayne
Oakland
Genesee
Kent
Macomb
1968
Wayne
Oakland
Genesee
Macomb
1969
Wayne
Oakland
Genesee
Kent
Macomb
Washtenaw
1970
3σ
2σ
1σ
μ
-1σ
-2σ

ACCIDENTS/REGISTERED VEHICLE

3σ	2σ	1σ	μ	-1σ	-2σ		
Lake Keweenaw	Kalkaska	Alpena Delta Ingham Mackinac Muskegon Wayne			Allegan Crawford Gladwin Huron Missaukee Montmorency Oceana Sanilac Shiawassee Tuscola		1966
	Wayne Ingham	Alger Calhoun Delta Kalamazoo Kent Mackinac Mecosta Muskegon St. Clair			Crawford Gladwin Huron Lake Leelanau Missaukee Montmorency Oceana Ontonagon Sanilac Shiawassee Tuscola		1967
	Wayne Ingham Mecosta	Calhoun Delta Kalamazoo Kent Lake Mackinac Marquette Muskegon St.Clair			Antrim Crawford Dickinson Huron Macomb Missaukee Ontonagon Saginaw Sanilac Shiawassee Tuscola		1968
	Wayne Ingham Delta	Houghton Kent Lake Mackinac Mecosta Montmorency Schoolcraft			Antrim Dickinson Gladwin Iron Newaygo Oceana Ontonagon Oscoda Sanilac Tuscola	Crawford Huron Missaukee Shiawassee	1969
		Clare Delta Houghton Kalamazoo Keweenaw Lake Mackinac Mecosta Montmorency Saginaw Schoolcraft Wayne			Antrim Clare Crawford Dickinson Genesee Gratiot Huron Iosco Midland Newaygo Sanilac Tuscola	Missaukee Shiawassee	1970
3σ	2σ	1σ	μ	-1σ	-2σ		

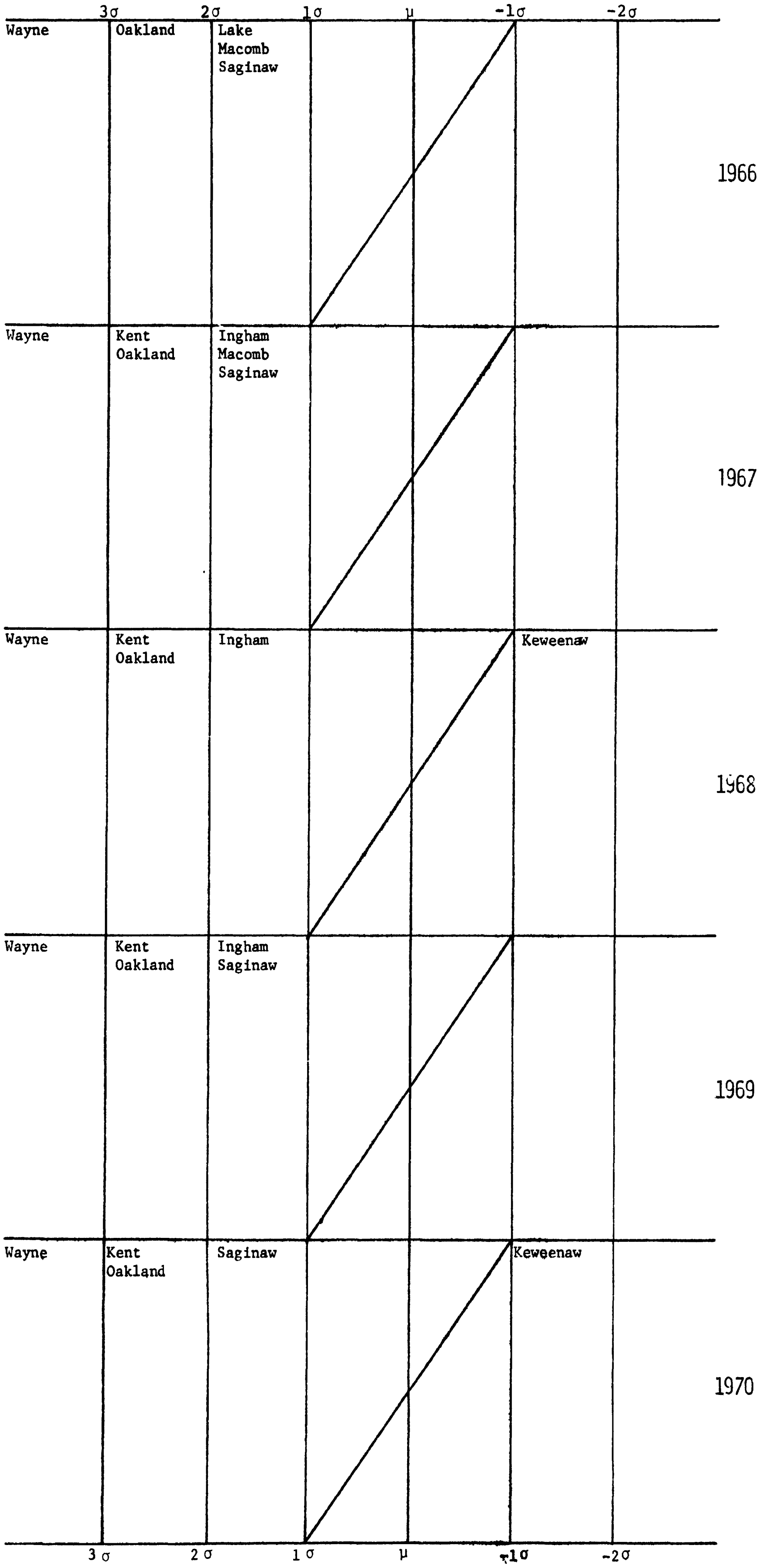
INJURY ACCIDENTS/REGISTERED VEHICLE



FATAL ACCIDENTS/REGISTERED VEHICLE

	3σ	2σ	1σ — μ	-1σ	-2σ	
	Baraga Iosco Mackinac Ogemaw	Arenac Cheboygan Kalkaska Lapeer Livingston Oceana Otsego Roscommon Schoolcraft Tuscola		Alcona Delta Dickinson Ingham Iron Luce Midland	Keweenaw	1966
Oscoda	Arenac Mackinac	Alcona Iosco Lapeer Leelanau Osceola Roscommon Tuscola		Branch Emmet Ingham	Missaukee	1967
Keweenaw Oscoda	Alcona	Emmet Iosco Lapeer Leelanau Mackinac Presque Isle Schoolcraft Tuscola		Alger Ingham Kalkaska Macomb Montmorency		1968
Baraga Ogemaw	Wexford	Antrim Arenac Cheboygan Crawford Iosco Keweenaw Lake Lapeer Livingston Missaukee Oscoda Presque Isle Tuscola		Benzie Dickinson Ingham Lake Leelanau Macomb Menominee Montmorency Otsego		1969
Crawford Mackinac	Alger	Alger Antrim Baraga Keweenaw Lake Luce Missaukee Oscoda Roscommon		Dickinson Emmet Gogebic Isabella Kalamazoo Kalkaska Kent Macomb		1970

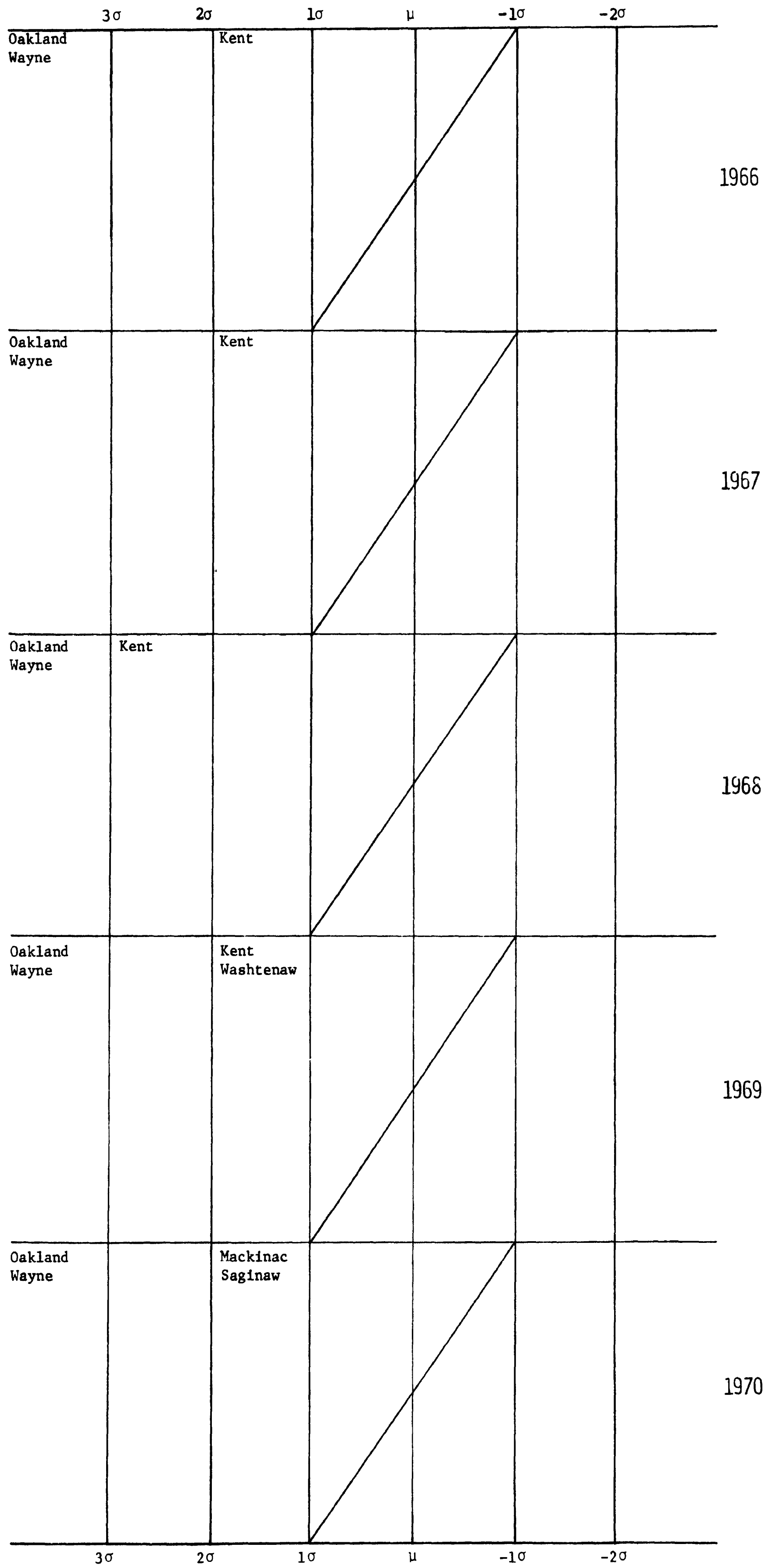
ACCIDENTS/REGISTERED VEHICLE/ROAD MILE



FATAL ACCIDENTS/REGISTERED VEHICLE/ROAD MILE

Year	Above 3σ	3σ to 2σ	2σ to 1σ	1σ to μ	μ to −1σ	−1σ to −2σ	Below −2σ
1966	Wayne	Allegan Oakland	Huron Lapeer Lenawee Livingston Montcalm Oceana Sanilac Tuscola			Alcona Alger Alpena Benzie Charlevoix Chippewa Delta Dickinson Iron Keweenaw Leelanau Luce Mason Midland Missaukee Montmorency Schoolcraft	
1967		Oscoda Tuscola Wayne	Allegan Barry Mackinac Oakland Osceola Sanilac			Alpena Charlevoix Chippewa Dickinson Emmet Gd.Traverse Ingham Keweenaw Otsego Roscommon Schoolcraft	
1968	Wayne	Oscoda Tuscola	Alcona Allegan Eaton Genesee Lapeer Lenawee Oakland St. Clair			Alger Alpena Antrim Baraga Benzie Charlevoix Dickinson Gogebic Luce Montmorency Ontonagon Otsego	Kalkaska
1969	Wayne	Lake Tuscola Wexford	Allegan Cheboygan Lapeer Livingston Montcalm Oakland Ogemaw Osceola			Alger Alpena Benzie Charlevoix Chippewa Delta Dickinson Ingham Iron Keweenaw Leelanau Luce Mackinac Menominee Montmorency Schoolcraft	
1970	Wayne	Mackinac	Crawford Huron Lenawee Montcalm Newaygo Oakland Sanilac Tuscola Van Buren			Alcona Branch Dickinson Emmet Gogebic Houghton Iron Isabella Keweenaw Midland Montmorency Ontonagon	Kalkaska

INJURY ACCIDENTS/REGISTERED VEHICLE/ROAD MILE



APPENDIX III

TRENDLINE KEYS

The keys included in this section indicate the trendline for counties on each variable and the counties' relation to the State baseline. These keys simply list the placement of each county as above, below, or crossing the State mean line as shown in the profiles of Appendix I. They also indicate whether the county experience is rising (worsening), falling (improving) or stable for each of the variables. This is based on each county's average for 1966-1968 compared with its average for 1968-1970. Also indicated by the left hand margin of the keys is whether each county's placement is above, below, or crossing the State average for each of the variables. Thus, for example, examination of the "Accidents" key shows Berrien County with more accidents than the State average and a general increase in this experience over the five years of our county profiles.

ACCIDENTS

TRENDLINE

RELATION TO BASELINE	Ascending	Steady	Descending
Above	Berrien Calhoun Genesee Ingham Jackson Kalamazoo Kent Oakland Ottawa Saginaw St. Clair Washtenaw		Bay Macomb Muskegon Wayne
Cross			
Below	Alcona Allegan Antrim Arenac Baraga Barry Benzie Branch Cass Charlevoix Cheboygan Clare Clinton Crawford Delta Eaton Emmet Gladwin Gogebic Gd.Traverse Gratiot Hillsdale Houghton Ionia Iosco Lake Lapeer Leelanau Lenawee Livingston Luce Mackinac Manistee Marquette Mason Mecosta Menominee Monroe Montcalm Montmorency Newaygo Oceana Ogemaw Ontonagon Osceola Otsego Presque Isle Roscommon Sanilac Schoolcraft Shiawassee Tuscola Van Buren Wexford		Alger Alpena Chippewa Dickinson Huron Iron Isabella Kalkaska Keweenaw Midland Missaukee Oscoda St. Joseph

INJURIES

TRENDLINE

RELATION TO BASELINE	Ascending	Steady	Descending
Above	Berrien Ingham Kent Oakland Ottawa Saginaw Washtenaw Wayne	Kalamazoo	Calhoun Genesee Jackson Macomb Monroe Muskegon
Cross			St. Clair
Below	Alcona Alger Allegan Arenac Barry Benzie Branch Cass Charlevoix Cheboygan Clare Delta Dickinson Eaton Emmet Gogebic Gd.Traverse Gratiot Hillsdale Houghton Huron Ionia Iosco Isabella Keweenaw Lake Lapeer Leelanau Lenawee Livingston Luce Mackinac Manistee Menominee Missaukee Montcalm Montmorency Oceana Ogemaw Ontonagon Osceola Otsego St. Joseph Sanilac Schoolcraft Shiawassee Tuscola Wexford	Baraga	Alpena Antrim Bay Chippewa Clinton Crawford Gladwin Iron Kalkaska Marquette Mason Mecosta Midland Newaygo Oscoda Presque Isle Roscommon Van Buren

FATALITIES

TRENDLINE

RELATION TO BASELINE	Ascending	Steady	Descending
Above	Eaton Genesee Ingham Lenawee Monroe Oakland Ottawa Saginaw St. Clair Washtenaw Wayne		Bay Berrien Calhoun Jackson Kalamazoo Kent Lapeer Macomb Muskegon
Cross	Livingston		
Below	Alcona Alger Alpena Antrim Baraga Barry Benzie Cass Charlevoix Cheboygan Chippewa Clinton Crawford Emmet Gladwin Gd.Traverse Huron Keweenaw Lake Luce Mason Mecosta Missaukee Newaygo Oceana Ogemaw Ontonagon Osceola Shiawassee Tuscola Van Buren Wexford	Gratiot Ionia Iosco Marquette Menominee Montcalm Schoolcraft	Allegan Arenac Branch Clare Delta Dickinson Gogebic Hillsdale Houghton Iron Isabella Kalkaska Leelanau Mackinac Manistee Midland Montmorency Oscoda Otsego Presque Isle Roscommon St. Joseph Sanilac

ACCIDENTS/REGISTERED VEHICLE

RELATION TO BASELINE	TRENDLINE: Ascending	Steady	Descending
Above	Berrien Clare Delta Gd.Traverse Houghton Lenawee Livingston Mackinac Marquette Mecosta Osceola Ottawa Roscommon Schoolcraft Wexford		Alger Bay Benzie Calhoun Cass Chippewa Emmet Ingham Jackson Kalamazoo Kalkaska Kent Keweenaw Lake Manistee Mason Monroe Muskegon Oakland Saginaw St. Clair Washtenaw Wayne
Cross	Allegan Cass Eaton Ionia Luce Montmorency Ogemaw St. Joseph		Alpena Arenac Macomb
Below	Baraga Barry Branch Charlevoix Cheboygan Clinton Crawford Genesee Gladwin Gogebic Gratiot Hillsdale Iosco Iron Isabella Lapeer Leelanau Menominee Montcalm Oceana Ontonagon Otsego Presque Isle Sanilac Tuscola Van Buren		Alcona Antrim Dickinson Huron Midland Missaukee Newaygo Oscoda Shiawassee

INJURY ACCIDENTS/REGISTERED VEHICLE

TRENDLINE

RELATION TO BASELINE

	Ascending	Steady	Descending
Above	Arenac Barry Cass Clare Delta Eaton Emmet Gd.Traverse Ingham Keweenaw Lenawee Livingston Monroe Otsego Roscommon Schoolcraft Wexford		Bay Benzie Berrien Calhoun Crawford Clinton Jackson Kalamazoo Kalkaska Kent Lapeer Mackinac Macomb Marquette Mecosta Muskegon Oakland St. Clair Washtenaw Wayne
Cross	Ionia Lake Montmorency Ogemaw Saginaw Van Buren		Alger Alpena Genesee Manistee Mason
Below	Alcona Allegan Cheboygan Dickinson Gladwin Gogebic Gratiot Houghton Iosco Iron Isabella Leelanau Luce Menominee Montcalm Oceana Ontonagon Osceola St. Joseph Sanilac Shiawassee Tuscola	Presque Isle	Antrim Baraga Branch Chippewa Crawford Hillsdale Huron Midland Missaukee Newaygo Oscoda Ottawa

FATAL ACCIDENTS/REGISTERED VEHICLE

RELATION TO BASELINE	TRENDLINE: Ascending	TRENDLINE: Steady	TRENDLINE: Descending
Above	Baraga Cheboygan Clinton Crawford Eaton Iosco Keweenaw Lake Mecosta Montcalm Oceana Ogemaw Osceola Presque Isle	Saginaw	Alcona Arenac Barry Bay Clare Lapeer Leelanau Livingston Mackinac Missaukee Monroe Oscoda Roscommon Tuscola
Cross	Alger Antrim Lenawee Luce Newaygo Van Buren Wexford		Allegan Kalkaska St. Joseph Schoolcraft
Below	Alpena Cass Charlevoix Chippewa Emmet Genesee Gladwin Gd.Traverse Huron Ingham Iron Ontonagon Ottawa Shiawassee		Benzie Berrien Branch Calhoun Delta Dickinson Gogebic Gratiot Hillsdale Houghton Ionia Isabella Jackson Kalamazoo Kent Macomb Manistee Marquette Mason Menominee Midland Montmorency Muskegon Oakland Otsego St. Clair Sanilac Washtenaw Wayne

ACCIDENTS/REGISTERED VEHICLE/ROAD MILE

TRENDLINE

RELATION TO BASELINE	Ascending	Steady	Descending
Above	Allegan Delta Genesee Lenawee Livingston Marquette Mecosta Ottawa		Bay Berrien Calhoun Ingham Jackson Kalamazoo Kalkaska Kent Lake Macomb Monroe Muskegon Oakland Saginaw St. Clair Washtenaw Wayne
Cross	Menominee Montcalm Van Buren		
Below	Baraga Barry Branch Cass Charlevoix Cheboygan Clare Clinton Crawford Eaton Gladwin Gogebic Gd.Traverse Gratiot Hillsdale Houghton Ionia Iosco Isabella Lapeer Leelanau Luce Mackinac Montmorency Oceana Ogemaw Ontonagon Osceola Otsego Presque Isle Roscommon St. Joseph Sanilac Schoolcraft Tuscola Wexford		Alcona Alger Alpena Antrim Arenac Benzie Chippewa Dickinson Emmet Huron Iron Keweenaw Manistee Mason Midland Missaukee Newaygo Oscoda Shiawassee

FATAL ACCIDENTS/REGISTERED VEHICLE/ROAD MILE

RELATION TO BASELINE	TRENDLINE: Ascending	Steady	Descending
Above	Cheboygan Clinton Eaton Genesee Huron Lenawee Mecosta Montcalm Oceana Ogemaw Osceola Presque Isle	Saginaw	Allegan Barry Berrien Calhoun Gratiot Kent Lapeer Livingston Mackinac Monroe Oakland Oscoda St. Clair Sanilac Tuscola Van Buren Washtenaw Wayne
Cross	Cass Crawford Lake Missaukee Newaygo Ottawa Wexford		Alcona Clare Jackson Macomb Marquette Roscommon St. Joseph
Below	Alger Alpena Antrim Baraga Branch Charlevoix Chippewa Emmet Gladwin Gd.Traverse Ingham Keweenaw Luce Ontonagon Schoolcraft Shiawassee	Iron	Arenac Bay Benzie Delta Dickinson Gogebic Hillsdale Houghton Ionia Iosco Isabella Kalamazoo Kalkaska Leelanau Manistee Mason Menominee Midland Montmorency Muskegon Otsego

INJURY ACCIDENTS/REGISTERED VEHICLE/ROAD MILE

TRENDLINE

RELATION TO BASELINE	Ascending	Steady	Descending
Above	Allegan Clare Eaton Ingham Lenawee Livingston Mecosta Monroe Muskegon Saginaw		Berrien Calhoun Cheboygan Genesee Jackson Kalamazoo Kent Lapeer Macomb Marquette Oakland Ottawa St. Clair Washtenaw Wayne
Cross	Sanilac Van Buren Wexford		
Below	Alcona Arenac Barry Cass Charlevoix Delta Dickinson Emmet Gladwin Gogebic Gd.Traverse Gratiot Houghton Ionia Iosco Iron Isabella Keweenaw Lake Leelanau Luce Menominee Montcalm Montmorency Oceana Ogemaw Ontonagon Osceola Otsego Roscommon St. Joseph Schoolcraft Shiawassee Tuscola	Hillsdale Presque Isle	Alger Alpena Antrim Baraga Bay Benzie Branch Chippewa Clinton Crawford Huron Kalkaska Mackinac Manistee Mason Midland Missaukee Newaygo Oscoda