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EVALUATION OF THE USE OF ADMINISTRATIVE RECORD DATA FOR ESTABLISHMENTS WHICH WERE NON-RESPONDENTS TO THE 1977 CENSUSES OF WHOLESALE TRADE, RETAIL TRADE OR SELECTED SERVICES

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Thomas C. Dyke
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ABSTRACT

The purpose of this study was to investigate the differences between the administrative record data for establishments which were non-respondents to the 1977 Censuses of Wholesale Trade, Retail Trade or Selected Services and the "reported" data for these establishments acquired by intensive follow-up procedures.

The table below summarizes the findings. The ratio estimator of "reported" data to administrative data exceeded one for all trade areas and for each variable studied. This pattern was also observed when the ratio estimators were calculated for single unit establishments and multi-unit establishments separately.

Ratio: "Reported" Data to Administrative Data	Wholesale	Retail	Services
Sales/Receipts	1.038 (.0355)	1.053* (.0262)	1.113** (.0296)
Annual Payroll	1.103** (.0315)	1.041* (.0192)	1.068* (.0278)
IQ Payroll	1.134** (.0343)	1.054** (.0204)	1.071* (.0287)
IQ Employment	1.181** (.0358)	1.145** (.0270)	1.252** (.0361)

*Significant at the 5% level
**Significant at the 1% level

I. Introduction

The study to evaluate the use of administrative record data in the 1977 Economic Census (DE-1) had several parts. One of these components was the use of administrative data for establishments which were non-respondents to the Censuses of Wholesale Trade, Retail Trade, or Selected Services. Since administrative records were used to impute data for establishments that were non-respondents to the census, the survey was designed to obtain data from a sample of these delinquent establishments and compare certain key data items. These data items were sales/receipts (S/R), annual payroll, first quarter (IQ) payroll and first quarter employment. The sample was designed and selected in late 1978 and early 1979. The telephone interviewing began in March, 1979. Data collection lasted throughout all of 1979, terminating in the beginning months of 1980. The data were compiled on actual census forms and were eventually keyed from the forms onto computer tape. Analysis of the data began in June 1980.

There is some reason to suspect that the data collected were not completely accurate as the data were collected by telephone interviewing and the universe was those establishments which had already exhibited their reluctance to respond to the Census. However, there is no evidence to suggest that this observation should lead to invalidating the results of the study. While too much faith should not be placed in exact values, however, certain trends are quite clear. Using a ratio estimator of "reported" data to administrative data, there is little doubt that over all the variables studied and for all trade areas, the "reported" data exceeded the administrative data. The differences observed varied widely by the variable in question and the trade area but the employment data clearly showed larger differences then the other variables.

Also, multi-unit establishments displayed this phenomeon much more strongly then did single units for each trade area.

The study used three different data sets for the sampled establishments. These were the administrative data for the establishment at the time a form was mailed, the data carried on the record for tabulation purposes (which was exactly equal to the original administrative data in the overwhelming number of cases) and the data as collected, the "reported" data. Because the administrative data and the tabulated were so often equal, the ratio estimators were computed only comparing the reported data and the administrative data. Delays were encountered in the analysis of the data as the transcription and keying operations were rather error-prone. Despite the editing necessitated by these errors, a substantially "clean" data file was constructed for analysis and tabulation.

II. Sample Design and Selection

The universe for the study was those establishments which did not respond to the 1977 Census of Retail Trade, Wholesale Trade and Selected Services. The universe did not contain establishments in Alaska or Hawaii. Two classes of returns were also excluded from the sample. These were:

1. PMR's - Postmaster Returns. For some reason the mailout address was incorrect or the establishment may have gone out of business.
2. Congressionals. These were cases that indicated that a Member of Congress or U.S. Senator had been or would be contacted.

The sample universe was then defined as those establishments with the following check-in actions as of August 1978:

1-1 a case was to be returned to follow-up status

1-3 a second form was re-mailed as requested by the company but was not sent back to the Bureau

1-4 Some correspondence was received, but not a form.

1-7 an extension period was granted.

Or no check-in code was present, which indicated that nothing was received from the establishment.

Within each of the three trade areas, the sample was stratified by type of unit, by SIC code, and by annual sales/receipts. In all cases, a systematic sample was chosen within each cell with the sample sizes designed to obtain an approximate 2 1/2% CV on the ratio of reported to administrative receipts.

Creation of the sample listings was a process involving several stages. Unfortunately, an error was made such that the resulting sample did not represent the precise universe that was desired. The six steps which produced the sample were:

1. Using the August, 1978 ESD check-in file as input, those records having a "nonresponse" check-in code were stripped from the file. For single units, the output file contained 434,993 records stripped from the input file of 2,441,896 records. The corresponding numbers for multi-units were 57,500 from 758,312.
2. The files of "non-response" records were then matched to Business Division files to determine which records belonged to the trade areas

chosen for this study. This step yielded 276,713 records for single units and 42,501 records for multi-units.

3. These two files were split into the three Business division trade areas to form the six basic strata for the study.
4. Within each of these six strata (SU versus MU by trade area) it was desired to stratify further by SIC groupings and, within SIC groupings by administrative sales/receipts. In order to use the cumulative square root of frequencies rule to form the boundary points for the stratification by sales/receipts, counts of establishments within each SIC grouping were obtained using intervals of $50,000 of sales/receipts.

The original plan was to select a cut point, C_t, for a certainty stratum (within a given SIC) and then use the rule mentioned above to determine the remaining cut points C_1, C_2, C_3,... C_{t-1} (the c's in thousands of dollars). For wholesale and services, t was chosen to be 7, for retail, t equaled 9.

During the selection of these boundary points, however, certain records were erroneously eliminated. Thus the results of the study pertain only to this reduced universe. The records removed from the study were those whose administrative S/R were less than $50,000 or greater than $16,500,000.

The following table traces the record counts to this point (two counts could not be determined from the documents available).

	(1) "Non-response" check-in	(2) Match to Business	Trade Area SPLIT (3) W	R	S
SU	434,993	276,713	61,216	113,760	101,737
POST S/R STRATIFICATION		171,149	19,932	88,957	62,260
MU	57,500	42,501	NA	NA	11359
POST S/R STRATIFICATION		33,961	6793	19,232	7936

Thus, the single-unit file lost 105,564 records (38%) and the multi-unit file lost 8,540 records (20%).

5. This step sorted the records by SIC class and the S/R administrative data and also amended the S/R boundary code which was clerically determined at the previous step, thus preparing the file for the actual sampling within each of the SIC by S/R cells.

6. The program at this stage selected the actual sample and produced listings of the sampled establishments. The file from the previous stage was used as one input and combined with clerically supplied "start with" figures and the previously determined sample sizes to select a systematic sample from each stratum. This program also amended the sampling weight to the establishment record.

This program was run four times for each of the six basic strata producing an "original" sample and three supplementary samples. These four samples were independent and the extra cases were to be used for those

establishments that eventually become respondents to the census and thus became out of scope to the survey. Recall the initial input file was that file available in August, 1978 which was not a complete file of nonrespondents at that time.

These three supplementary samples were of equal size and smaller than the original sample and while these supplementary samples were used in increasing the total response for the single units, they were not used for the multi-units.

Appendix 1 contains the description of the SIC groupings used in trade area stratification.

Appendix 2 contains tables which show the universe breakdowns, the weights, the original sample sizes and the supplementary sample sizes for each of the six basic strata. For those SU cells where a supplementary sample was applied, the non-integral weights show the effect of these multiple samples for establishments in those cells.

III. Data Collection

The collection of the data was a telephone operation carried out at the Bureau by the clerical staff of the Research Center for Measurement Methods (which has since merged with the Statistical Research Division). Statistical assistants transcribed the data for each telephone interview onto a census form as specified in the mail file, or onto a generalized short form, the NC-X4.

Three thousand seven hundred (3,700) establishments were contacted (it took an average of six phone calls to an establishment to get the required information or another refusal). Of these 3,700, 3,125 eventually resulted

in a completed interview, while 575 became "referrals". These referral cases usually required a letter to be sent to the establishment to provide additional identification not possible over the phone and also to encourage a response.

These 575 referrals generated 154 additional completed interviews, giving a total response of 3,279 establishments. 421 cases were either refusals, impossible to interview because of a change in location or "out of business". The approximate cost of this telephone operation not including staff time, was in the range of $6,000 to $8,000.

The census forms for these "reported" establishments were grouped into four general categories for keying. These groups were the three trade areas and the general NC-X4 form. The keying was done in Jeffersonville, Indiana following the same keying specifications used in the Census. These four raw files of data were available by June, 1980.

It was the opinion of several of the statistical assistants who collected the data that often the respondents would provide any number in order to further the interview and that accuracy suffered as a result. A further indication of this phenomenon was a comparison of the distribution of the last digits of the administrative data versus the reported data. Since monetary data were to be reported in thousands of dollars the last three digits of an exact dollar amount were truncated. While the administrative data showed no evidence that the distribution of the last digits differed from the discrete uniform distribution, the reported data was characterized by a concentration of values ending in zero.

This evidence suggests that the reported data were subject to frequent rounding or "ball-park" figures with a resulting loss of accuracy, however, this rounding did not appear to invalidate the data. This phenomenon applied to all of the key data items including employment which was not subject to truncation as the dollar items were.

IV. Data Editing

The keyed files required extensive editing before they were prepared for analysis. The following is a list of those edit procedures which were performed in order to create "clean" data files for each of the trade areas.

1. It was common for several multi-unit establishments which were part of the same firm to be reported on the same form. Hence an individual computer record did not always correspond to a single establishment. Also, for these records, the Census File Number (CFN) was entered as ten zeroes in the field which was keyed, while the correct CFN's were included on a different section of the form.
2. Since the CFN must be used in connecting reported data to the listed sample establishment, any error in transcribing the CFN from the sample listings to the form or the keying of the CFN from the form to tape caused matching problems. Certain of these unmatched returns were eventually paired to a sample establishment by using the establishment name. Since the establishment name was not keyed this was a time-consuming process.
3. Item nonresponse was diminished by checking the keyed data against the actual form for every record. This process also corrected data fields that were incorrectly keyed. This step was done after the forms were

4. Records where the reported first quarter payroll exceeded the annual payroll were listed and corrections applied. This problem was an infrequent occurence.

5. Duplicates had to be removed. Duplicates were possible not only by contacting a firm twice by mistake, but, by virtue of the supplementary samples chosen, a firm may have been listed twice.

6. It was necessary to identify the correct trade area in which to include the form. The files for the three trade areas did not exclusively contain forms for that trade area, requiring deletion from one file and inclusion into a different file. The entire NC-X4 file needed to be split into the proper trade areas. The following tables show the split of the NC-X4 file and how total returns matched to the original sample sizes.

	Wholesale	Retail	Services	Total
Census Form Returns	498	1168	958	2624
NC-X4 Returns	132	247	276	655
TOTAL	630	1415	1234	3279

Total Returns (Samplesize)	W	R	S	T
MU	216(289)	427(647)	185(287)	828(1223)
SU	414(430)	988(1047)	1049(1203)	2451(2680)
TOTAL	630(719)	1415(1694)	1234(1490)	3279(3903)

Respondents (%)	W	R	S	T
MU	74.7	66.0	64.5	67.7
SU	96.3	94.4	87.2	91.5
TOTAL	87.6	83.5	82.8	84.0

V. Computation of the Ratio Estimators and Their Variances

To compute the ratio estimators and their variances, certain quantities were needed for each independent stratum. These quantities were then summed over the strata to achieve estimates at the KB level for single and multi-units and for a trade area.

For each cell, the basic weight, w, was the integer, k, in the expression $N = nk+q$ for systematic sampling where N = number of establishments in a cell and n the sample size. However, when a supplementary sample was used in a cell, this weight was modified to reflect the additional sample. For example, if a cell used one additional sample, the k of the original sample would be combined with the k* of the supplementary sample in the following way to produce the weight, w, for the cell. The w in this case would be computed as $(k^{-1} + k^{*-1} - (k\ k^*)^{-1})^{-1}$. This is basically the sum of the probabilities of being included in either sample minus the probability of a unit being selected twice, since duplicates were only counted once. Similar expressions were developed for those cells where more than one of the supplementary samples was used.

In addition to these weights for each cell, other values were required to produce the ratio estimate and an estimate of its variance. These were:

1. NUMERATOR=$w \sum r_i$ where r_i is the reported data for an establishment

2. DENOMINATOR=$w \sum a_i$ where a_i is the administrative data for an establishment

3. VARIANCE-NUMERATOR (VN)= $\sum N^2(1-n/N)(2n(n-1))^{-1} \sum (r_{(i)}-r_{(i+1)})^2$ where r(i) represents the reported data in the order that the sample frame was originally listed.

4. VARIANCE-DENOMINATOR (VD)= an expression similar to 3 except using a(i) for r(i).

5. COVARIANCE of the NUMERATOR and DENOMINATOR (CND)= an expression similar to 3 and 4 except using $(r_{(i)}-r_{(i+1)})(a_{(i)}-a_{(i+1)})$ within the summation. Then, for one cell, the ratio estimator is

6. $R = \frac{NUM}{DEN}$ with an estimated variance equal to

7. $$R^2 \left| \frac{VN}{NUM^2} + \frac{VD}{DEN^2} - \frac{2*CND}{(NUM)(DEM)} \right|$$

By summing these first five values over the cells, expressions (6) and (7) can be computed for each KB, type of unit, and trade area.

In using these formulas within each cell, the summation is taken over the entire sample for that cell. This required an adjustment to be made for those establishments which were non-respondents to the survey, declared out-of-scope, or eventually became respondents to the Census. This resulted in two sets of ratio estimators being calculated.

Where an establishment fell into one of the classes above, one estimator would use the administrative data value for the "reported" data which was not available. This was a "conservative" estimate as the adjustment would mask differences between the reported and administrative data. The second class of estimators would set both the administrative value and the unavailable "reported" value to zero.

Certain KB's in the Service Industry sample had a sample size equal to 1 for the cells in that KB. For these KB's, the previous variance expressions (3), (4), and (5) do not apply. In these cases, a simple collapsed stratum estimator of variance was used.

Corresponding expressions for these KB's are

(3a) $\sum_{g=1}^{L/2} [(2N_{g1}N_{g2})/(N_{g1}+N_{g2})]^2(r_{g1}-r_{g2})^2$

where the summation is over the pairs of cells, of which there were three in these cases as L equaled 6. Again the N represents universe size in a stratum and r is for reported data in a cell.

(4a) Similar to 3a except a's are substituted for the r's.

(5a) Again similar to 3a and 5.

Thus, an estimate of the variance at the KB level was possible with appropriate summations at the type of unit and service industry level.

The occurrence of outliers in the data necessitated further adjustments in the estimation process. The method chosen to adjust for the outliers was to change the reported data for an observation whenever the ratio of the reported data (r) to the administrative data (a) exceeded a given value or its reciprocal. Symbolically, if $r/a>m$, then $r=am$ or if $r/a<1/m$, then $r=a/m$ where r is the reported value, a is the administrative value and m a predetermined constant. Thus, if m were unity, the degenerate case where each ratio would be set to one would be realized. Conversely, were m to be set to infinity, no outlier adjustment would occur. Computations were carried out using four values for m: 2.5, 5.0, 7.5, and 1,000,000 (i.e. no adjustment). One further computation was carried out using the factor of 7.5 only. In this case, instead of r being adjusted by the 7.5 factor, r was set equal to a. This outlier adjustment scheme is presented graphically in appendix 3.

By the nature of this process, the variance of the adjusted ratio estimates must be lower than the variance of the unadjusted estimates. For the factor of 7.5, reductions in the area of 50% to 75% were observed by adjusting 2% to 7% of the cases. Less dramatic gains were achieved as the adjustment factor was decreased from 7.5 to 2.5.

VI. Results

Appendix 4 contains the tables upon which the following twelve charts (pages 21-32) are based. These graphs use data at the trade area by type of unit level while the tables contain the detailed SIC level data. Each chart has a similar format with the title giving the trade area and the variable charted. The y-axis, labeled "RATIO", is the value of the ratio estimators. The x-axis labeled "OUTLIER TYPE", consists of seven points of which five contain data values for each of the six lines graphed. Symbols appear at these five points. These five points represent the estimate calculated using no outlier adjustment and the four different outlier adjustments previously discussed. The system used to chart these is described most easily by numbering the x-axis points 1 to 7 starting from the left, with the following pattern:

1 - no outlier adjustment

3 - outlier factor = 7.5 with reported values adjusted using this factor

5 - outlier factor = 5.0 with reported values adjusted using the factor

7 - outlier factor = 2.5 with reported values adjusted using the factor

Only one of points 2, 4 or 6 contains a value. This point corresponds to the outlier adjustment procedure using a factor of 7.5 but having the

reported value set equal to the administrative value. This value is charted so that the series is continually decreasing to the right, thus this value can be plotted at point 2, 4, or 6. The lines charted will converge towards unity from points 1 to 7 since each point represents a more stringent outlier adjustment. These points are numbered on the graph with the appropriate outlier factor in parentheses.

These tables also provide the number of sample cases affected by each of the outlier schemes.

6 lines are plotted on each graph and identified in the lower right hand corner. These are:

SUA (symbol = 1, solid line)	Ratio estimator for single units using a non-response adjustment where the reported data is set equal to the administrative data (the "conservative" estimate).
SUZ (symbol = 1, dashed line)	Ratio estimator for single units using non-response adjustment where both the reported data and the administrative data are set equal to zero.
MUA (symbol = 2, solid line)	Same as SUA above, for multi-unit establishments
MUZ (symbol = 2, dashed line)	Same as SUZ above, for multi-unit establishments
SMA (symbol = 3, solid line)	Same as SUA and MUA, for combined single units and multi-units
SMZ (symbol = 3, dashed line)	Same as SUZ and MUZ, for combined units

The solid line representing the "conservative" estimate must always lie closer to one than its corresponding dashed line by the nature of the adjustment. Also the lines corresponding to the combined single-unit and multi-unit estimates must lie between the separate estimates. Those symbols which

represent ratio estimates whose differences from one are greater than 2 standard errors are enclosed in a triangle.

In general these charts show that the multi-units' reported data consistently exceeds the administrative data across all variables, trade areas, and all but the most stringent outlier adjustment scheme. The ratios for single units display basically the same behavior although the lines representing single units occasionally do fall below one. Also, multi-unit ratios tend to be above single-unit ratios in all but a few cases. Although the value of the ratios differs widely, the ranges over which all twelve charts are drawn require values from .90 to as high as 2.3 (i.e. 230%) and in 8 of the 12 charts the minimum value is 1.00 (i.e. no ratios were less than one), reinforcing the impression that the reported data exceeds the administrative data under most of the conditions presented.

Two patterns emerged from the use of these multiple outlier adjustments. The first is a L-shaped pattern observed for all variables in both wholesale and retail trade areas. This pattern represents a sharp reduction in the ratio estimate from the unadjusted level to the 7.5 adjustment level and basically stable estimates over all levels of adjustment. Combining this observation with the variance reduction achieved by this adjustment points toward using this set of estimates as the set upon which to focus attention. This pattern does not apply to the variables of the service industries. Here the graphs show a steady decline from left to right with a sharp turn appearing at the most stringent level of outlier adjustment. There is less stability over the range of outlier adjustment suggesting that the services data are subject to fewer large outliers than wholesale and retail. Attention should again be focused at the 7.5 adjustment level as the variances for these estimates are greatly reduced from the unadjusted levels.

Using the "conservative" estimate and the 7.5 outlier adjustment factor, the following table summarizes results at the trade area level for each variable. The standard error of the ratio estimator appears in parentheses.

Ratio: "Reported" Data to Administrative Data

	Wholesale	Retail	Services
Sales/Receipts	1.038 (.0355)	1.053* (.0262)	1.113** (.0296)
Annual Payroll	1.103** (.0315)	1.041* (.0192)	1.068* (.0278)
IQ Payroll	1.134** (.0343)	1.054** (.0204)	1.071* (.0287)
IQ Employment	1.181** (.0358)	1.145** (.0270)	1.252** (.0361)

*Significant at the 5% level
**Significant at the 1% level

All of the variables display "reported" data exceeding administrative data, but IQ employment stands out as being markedly higher than the other variables. Also the IQ payroll estimates are slightly higher than the annual payroll estimates over all trade areas. The ratio for reported services receipts versus administrative receipts, 11.3%, is nearly triple than that of wholesale sales and double that of retail sales.

Below is a short discussion of each of the twelve charts. (Pages 21-32).

Wholesale Trade - Sales

Only four points show significance (the lowest of any chart). Also these points represent multi-units with no outlier adjustment and single units with the extreme outlier adjustment (2.5). These points also occur at the highest (multi-units) and lowest (single units) values for the ratio estimators. There is no definite conclusion to be drawn from these data.

Wholesale Trade - Annual Payroll

Here the multi-unit points are significant for all levels of outlier adjustment (except no adjustment), while the single unit data are not significant at any point. The points corresponding to the trade area as a whole for this variable are significant except for the rightmost point. It appears that the reported annual payroll exceeds administrative annual payroll by a factor in the area of 10%.

Wholesale Trade - IQ Payroll

A similar picture as annual payroll above except that the single units are significant at the 7.5 outlier level. The multi-units' ratio is 22% while for the entire trade area, the level is 13%.

Wholesale Trade - IQ Employment

Only two of the points (multi-unit with no outlier adjustment) are not significant. One of these points corresponds to the highest ratio completed 2.26. However, the consistency of the estimates with outlier adjustment shows that the reported data exceed the administrative data in the area of 28% for multi-units, 13% for single units and 18% overall.

Retail Trade - Sales

Again the most consistent pattern belongs to the multi-unit estimates with the single units and combined units also showing significance but not as strongly. The single unit picture is clouded in that significant estimates are obtained only at the extremes (i.e., no outlier adjustment and with the outlier factor equal to 2.5). The multi-unit ratio estimates are in the area of 12% while over all units the estimate is 5%.

Retail Trade - Annual Payroll

The data here suggest that the reported data exceed the administrative data by about 4% for both types of units in retail. However, the pattern for the ratio estimators being significant is not strong for this chart.

Retail Trade - IQ Payroll

Similar results apply here as applied to the annual payroll data for retail trade, however the level of difference observed appears to be slightly higher than the 4% observed for annual payroll.

Retail Trade - IQ Employment

This chart has each of the thirty points charted as significant ranging from a high estimate of 1.70 to a low of 1.045. A conservative estimate for the reported data exceeding the administrative data is in the area of 15% for all types of units.

Service Industries - Receipts

A strong pattern of significant estimates exists over all types of units with the multi-units showing a higher range of estimates than the single units. The differences appear slightly over 11% for the entire trade area.

Service Industries - Annual Payroll

Similar results appear here as for the retail trade area with the combined units only showing significance at near the 7% level.

Service Industries - IQ Payroll

This variable follows the pattern of annual payroll for services. The common phenomenom of the multi-units being highly significant, the single units not being significant and with the combined units following the multi-units is quite clear on this chart. As previously observed in both wholesale and retail

trade, the level of the ratio estimator is higher for IQ payroll than for annual payroll.

Service Industries - IQ Employment

As with retail trade, all points graphed appear within a triangle as significant. The level of reported over administrative here appears to be higher than retail trade occurring at the 25% level.

It was mentioned previously that the tabulated data and the "prior" administrative were equal most of the time. The following table shows the number of cases where the data were equal. The base for these numbers is the original sample plus all of the supplements since data exist for almost all of the cases. The only cases omitted were those where a match was not able to be made to the tabulation files or a particular variable had a zero as its value.

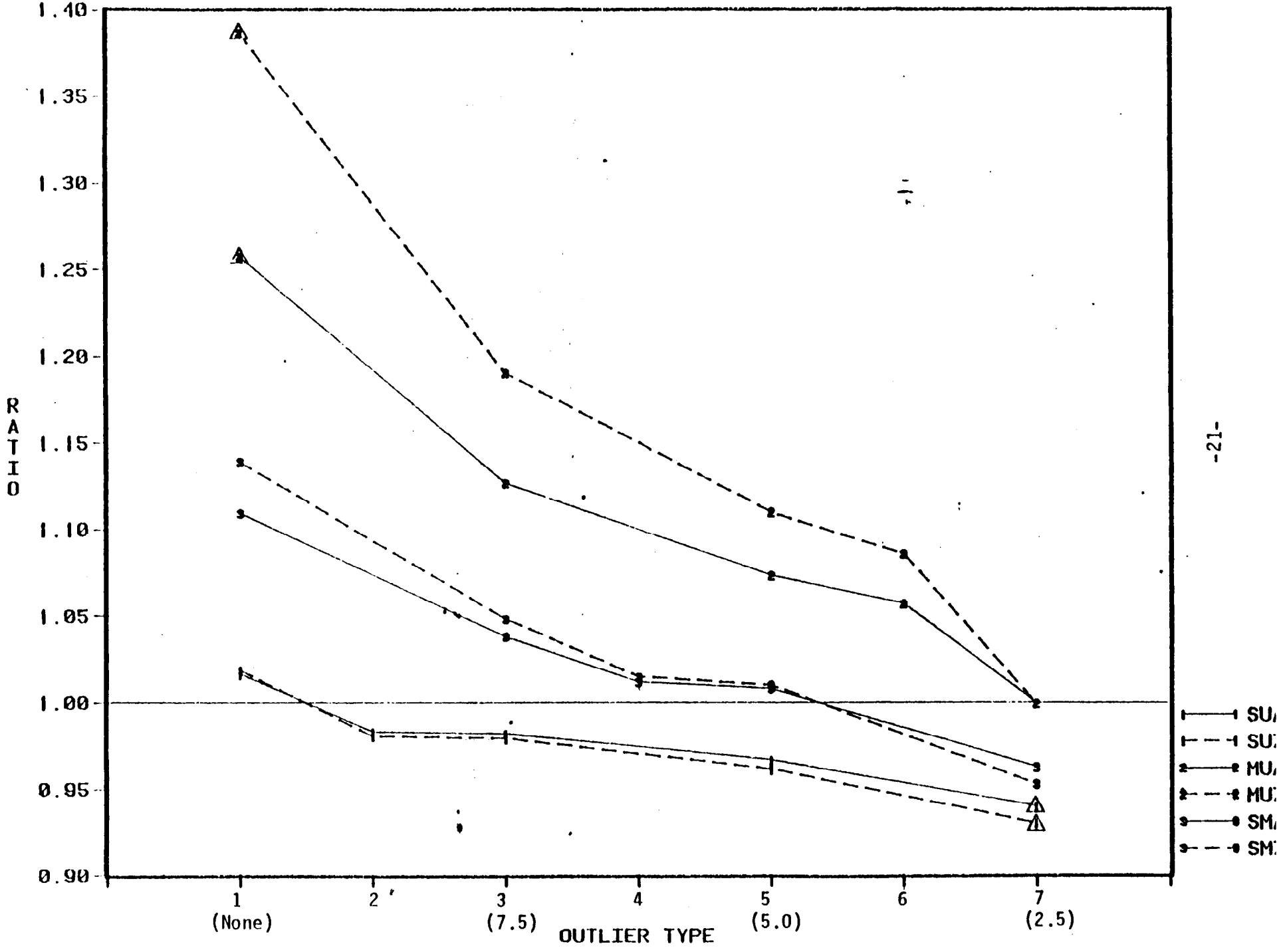
# of sample cases where the administrative value exactly equaled the tabulated value

	TOT	Sales/Receipts	Annual Payroll	IQ Payroll	IQ Employment
WHL-SU	628	604/623	622/623	619/621	619/619
WHL-MU	451	408/442	441/442	441/442	440/442
WHL-TOTAL	1079	1012/1065	1063/1065	1060/1063	1059/1061
RET-SU	1623	1540/1571	1561/1570	1530/1539	1506/1518
RET-MU	1007	872/944	920/944	915/939	909/937
RET-TOTAL	2630	2412/2515	2481/2514	2445/2478	2415/2455
SERV-SU	1761	1714/1738	1731/1738	1687/1693	1655/1664
SERV-MU	557	540/551	542/551	541/549	543/549
SERV-TOTAL	2318	2254/2289	2273/2289	2228/2242	2198/2213

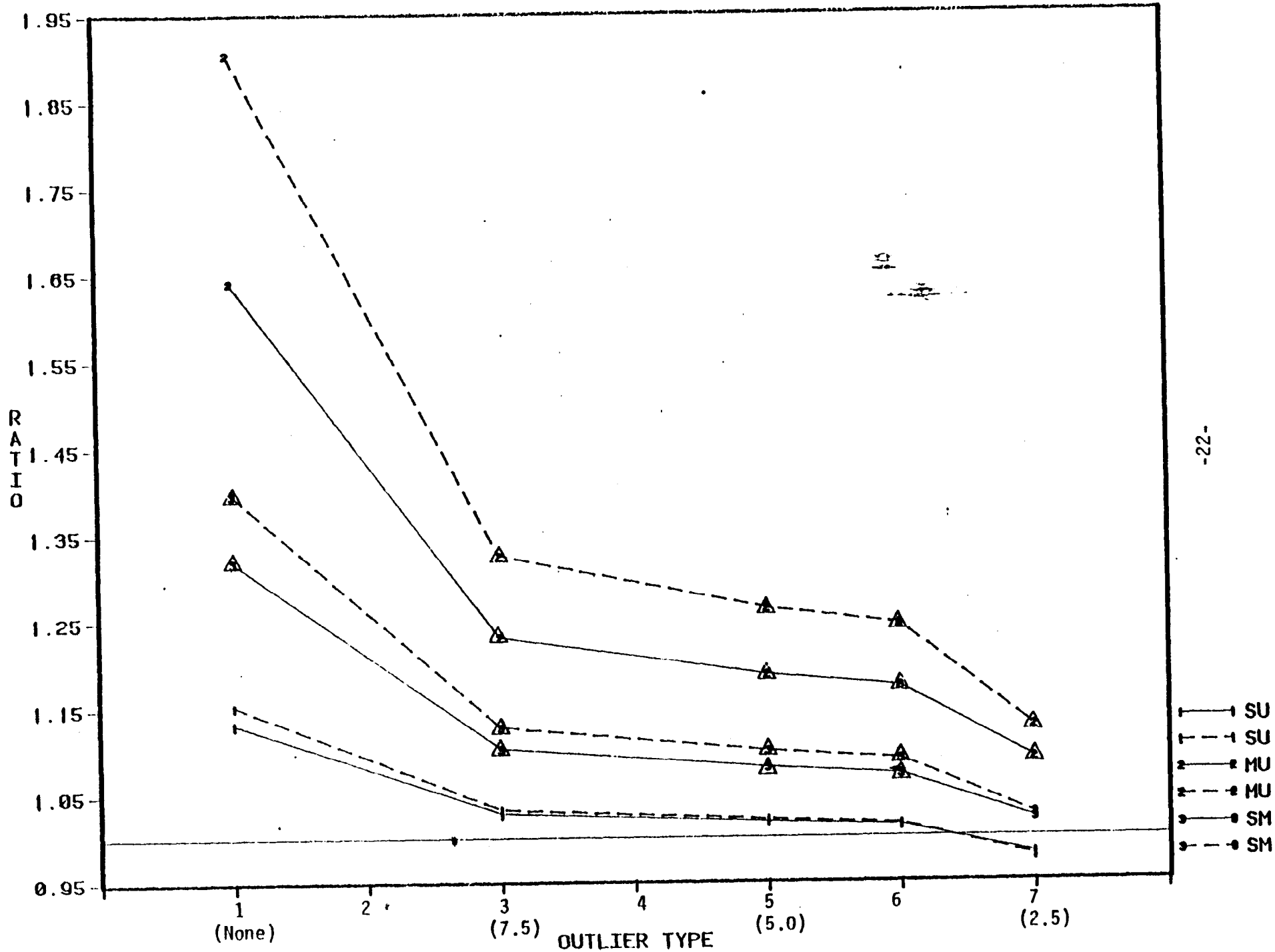
Both retail trade and service industries experienced a larger loss of units from the administrative file to the tabulation file then did wholesale trade. However, even for these two trade areas the loss is less than 5%. Also, first quarter employment is affected by missing data more than the

other variables. The sales/receipts variable is more likely to be affected than the other variables if the data values are not exactly equal. A closer examination of the data reveals that the most common case was the sales/receipts value to be changed (either by a computer edit or an analyst) while the other values were unchanged.

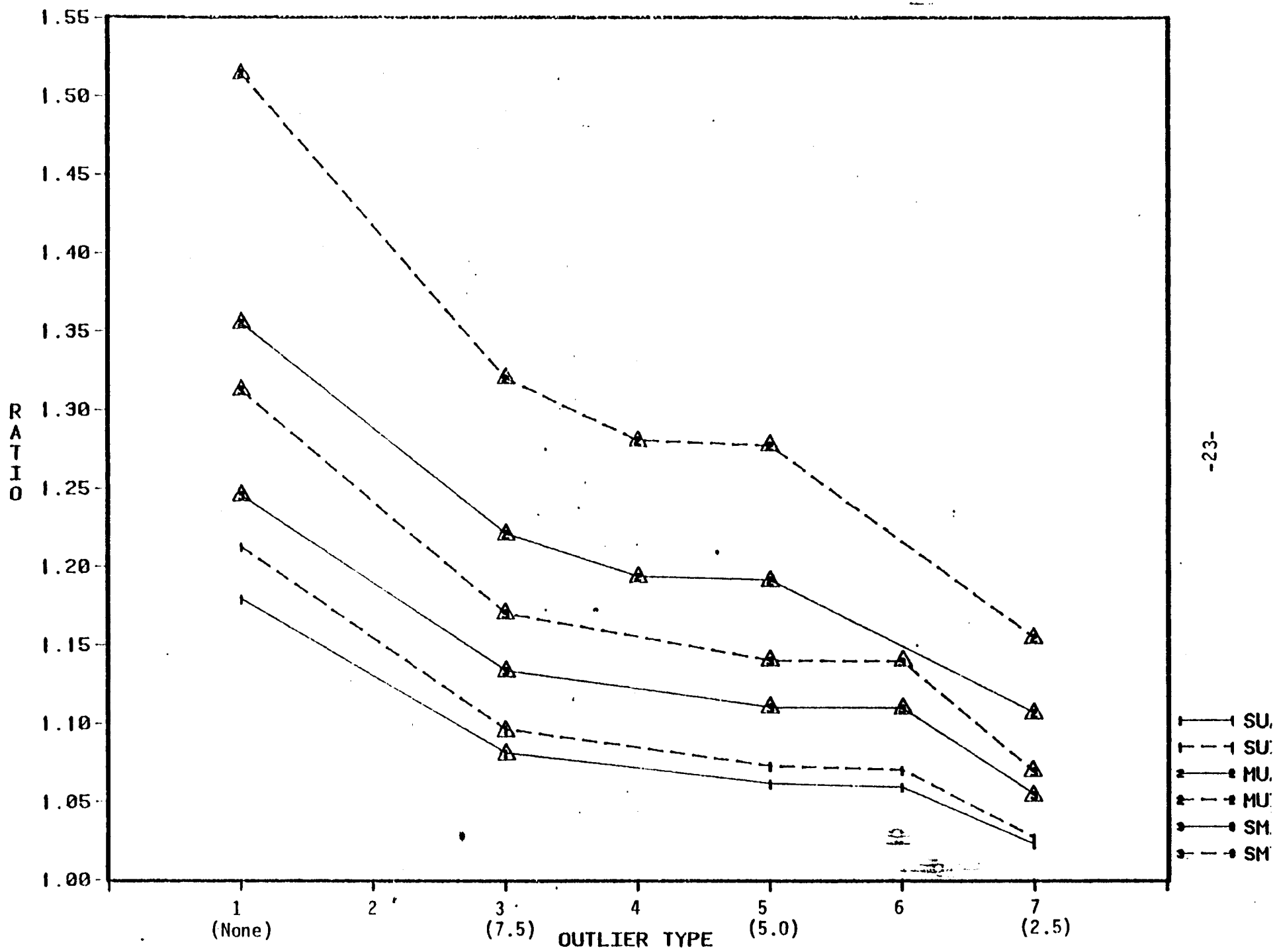
WHOLESALE TRADE - SALES



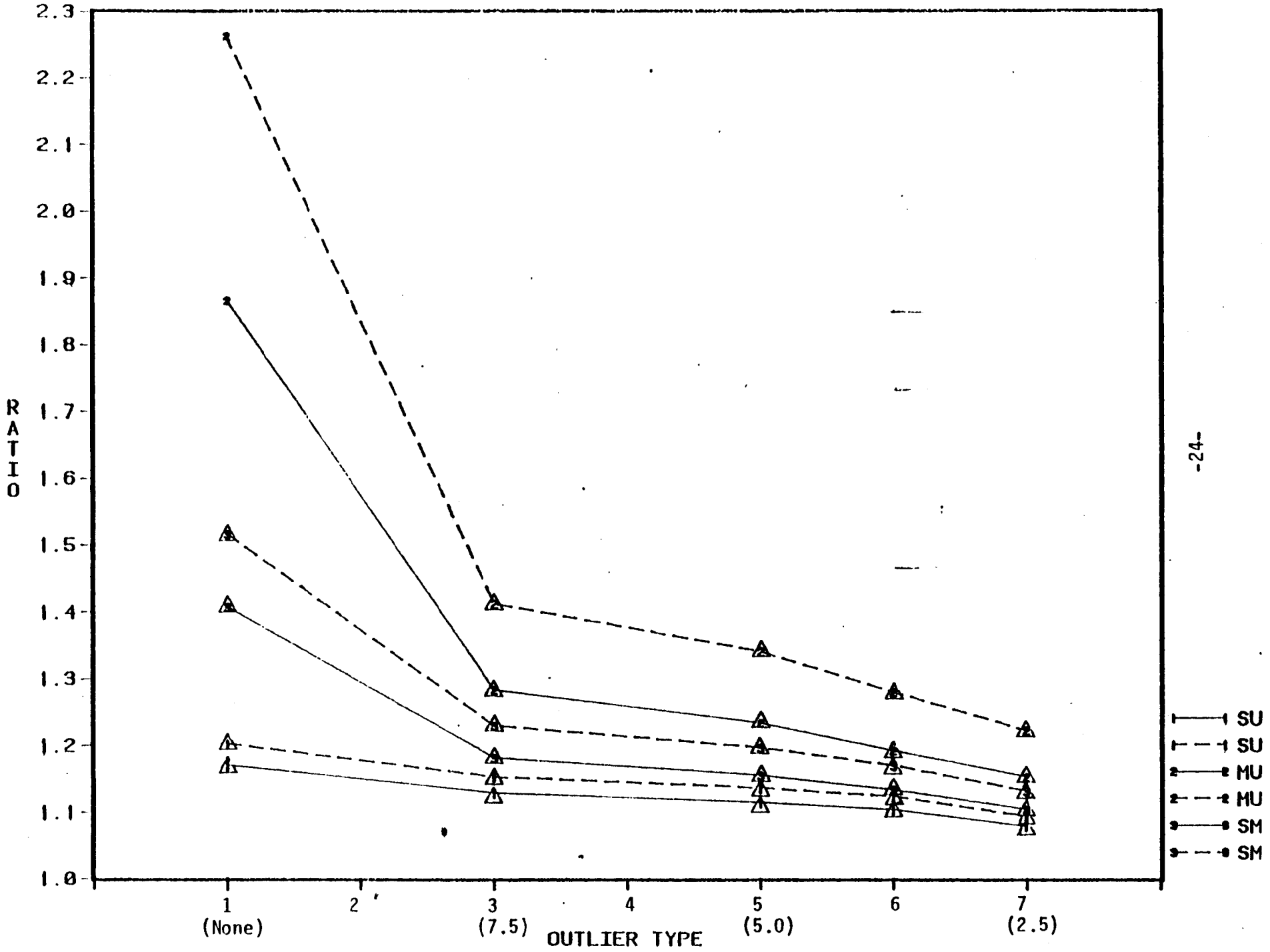
WHOLESALE TRADE - ANNUAL PAYROLL



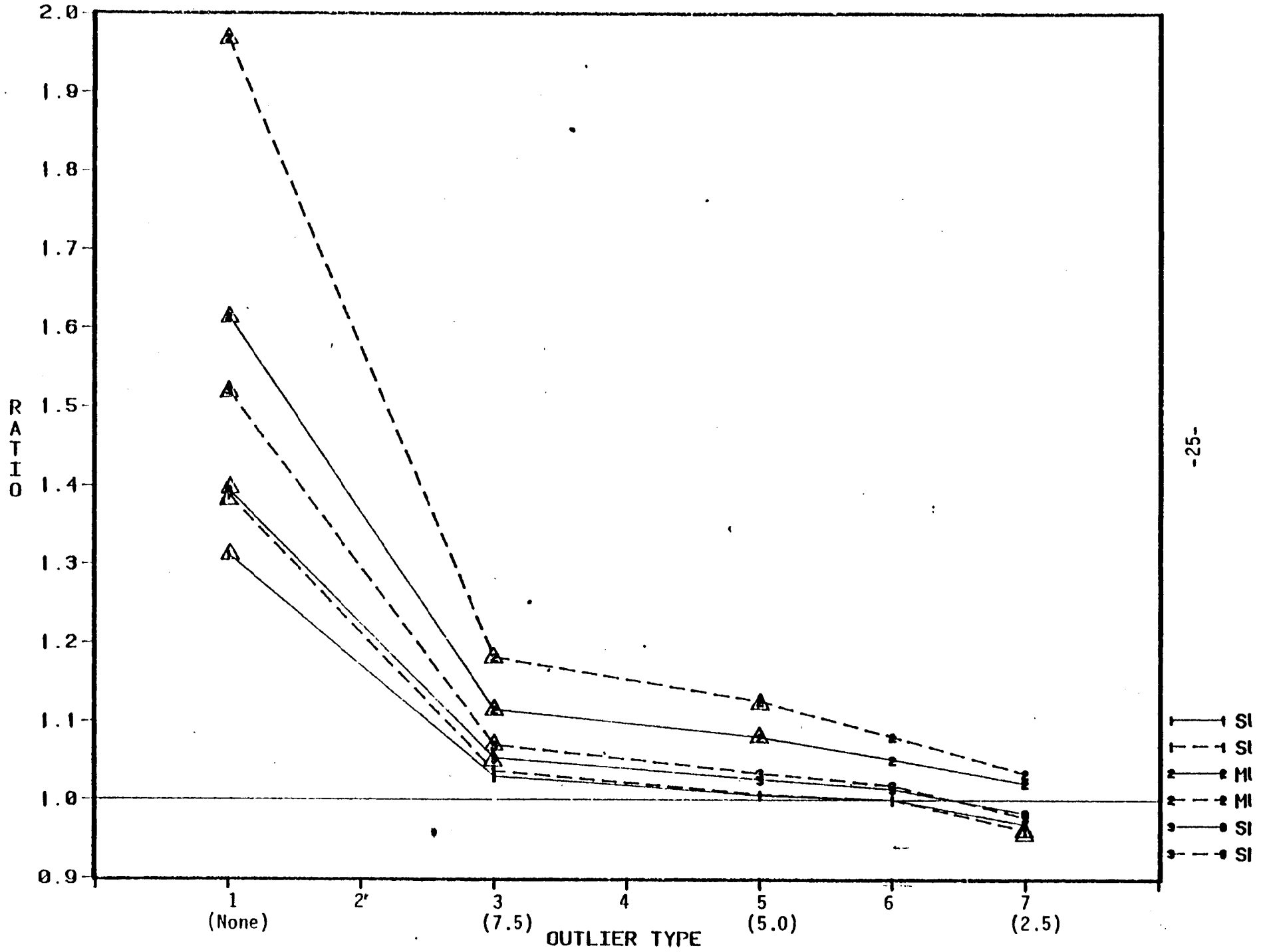
WHOLESALE TRADE - IQ PAYROLL



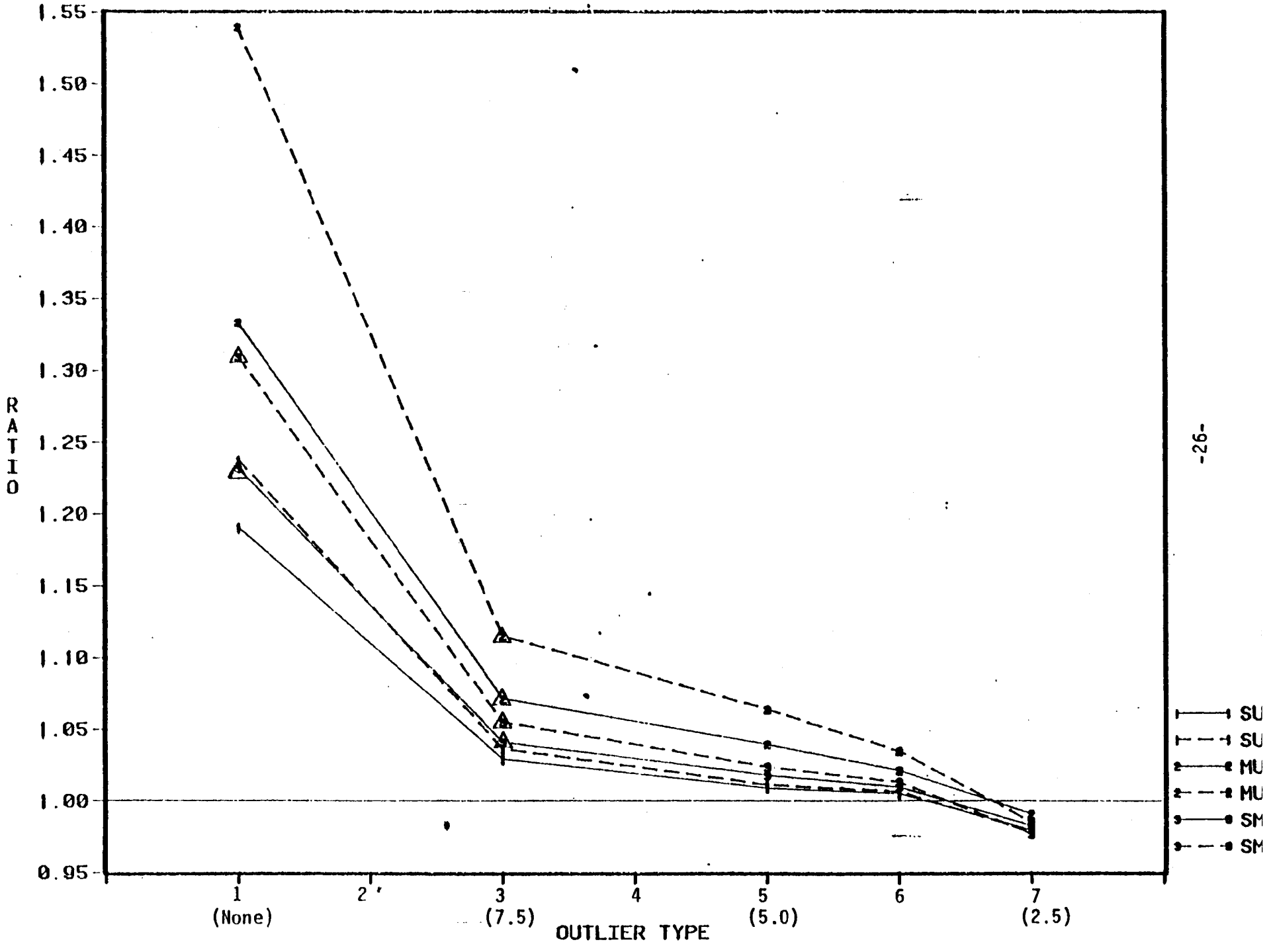
WHOLESALE TRADE - IQ EMPLOYMENT



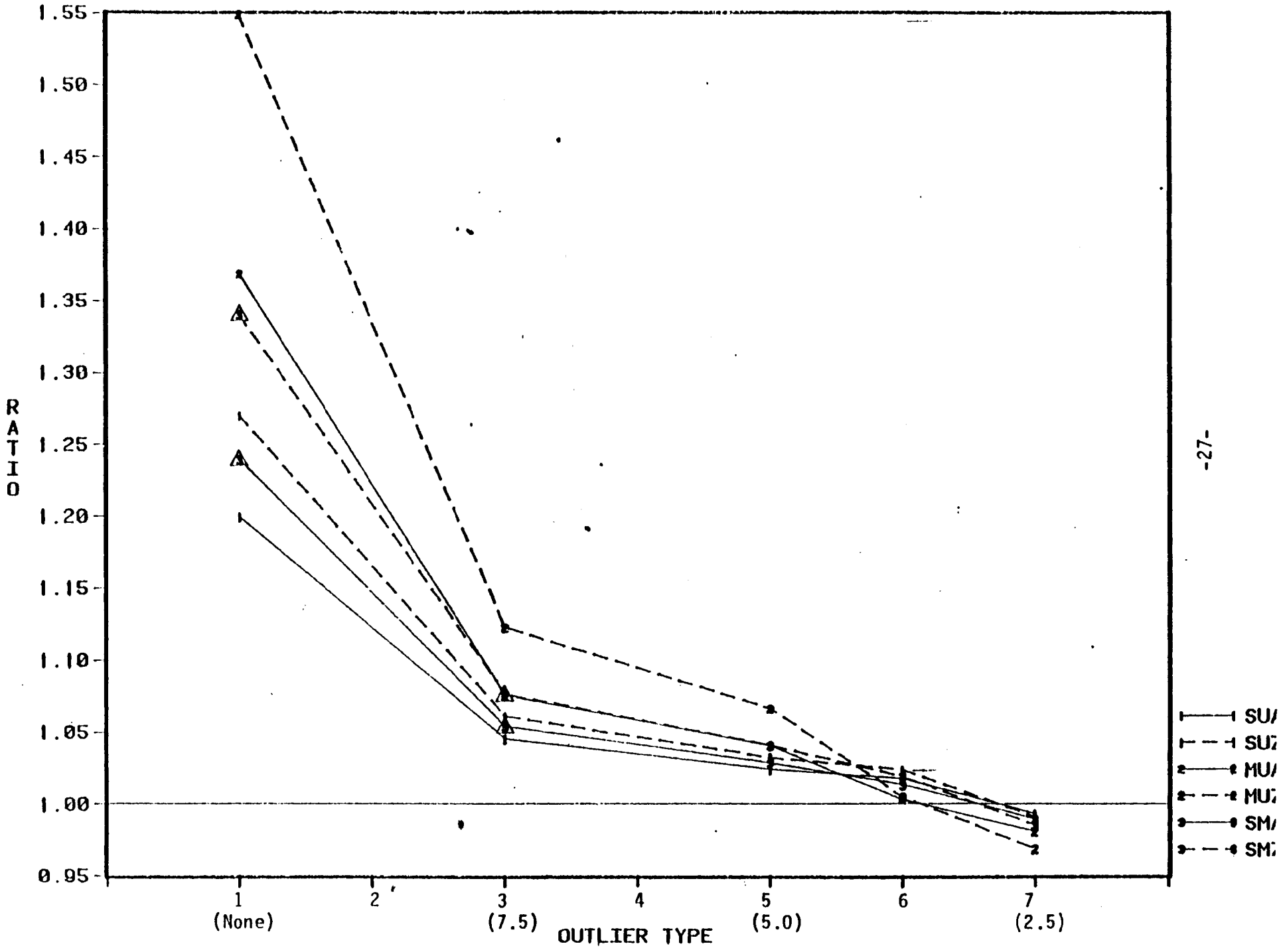
RETAIL TRADE - SALES



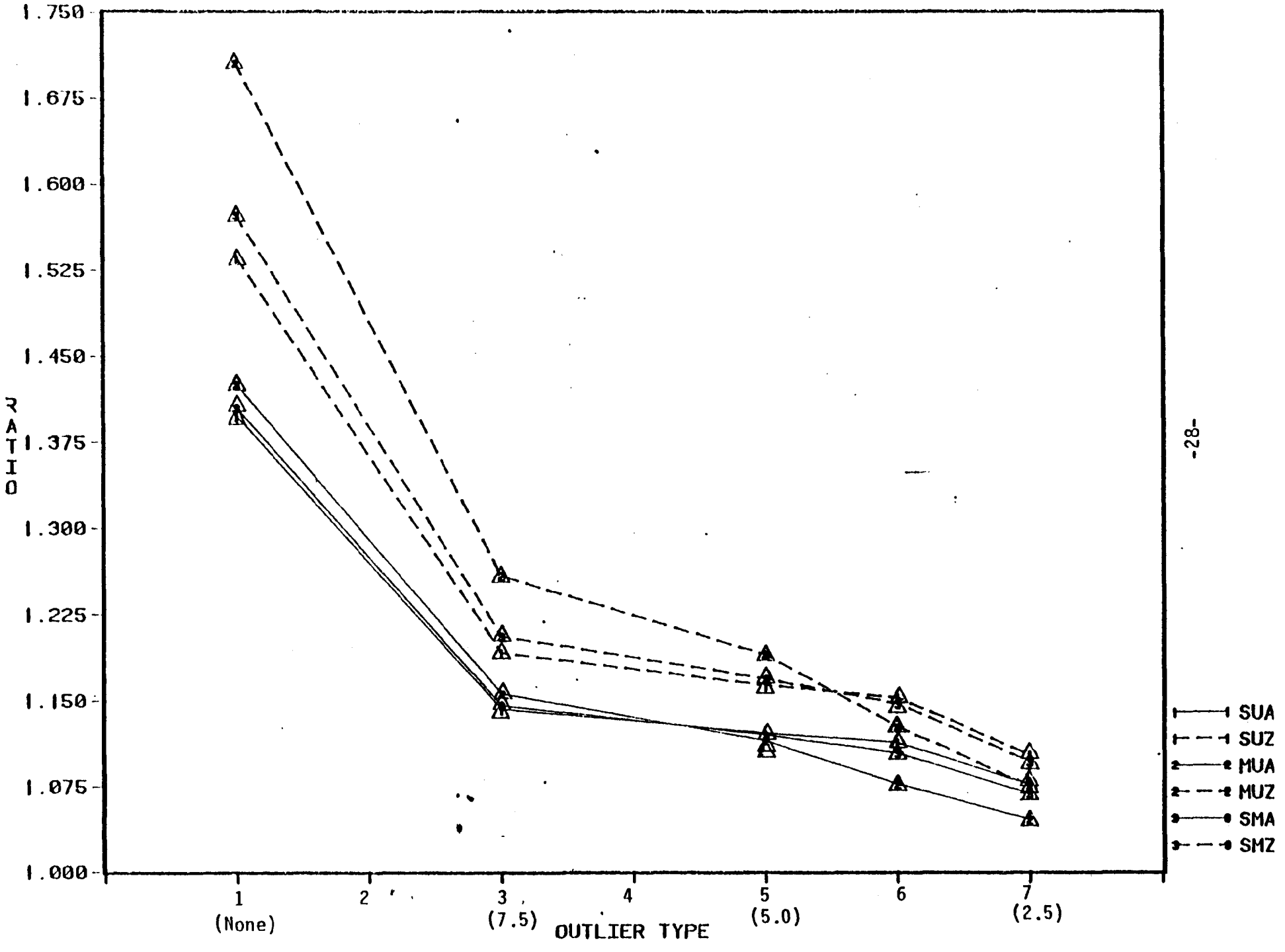
RETAIL TRADE - ANNUAL PAYROLL



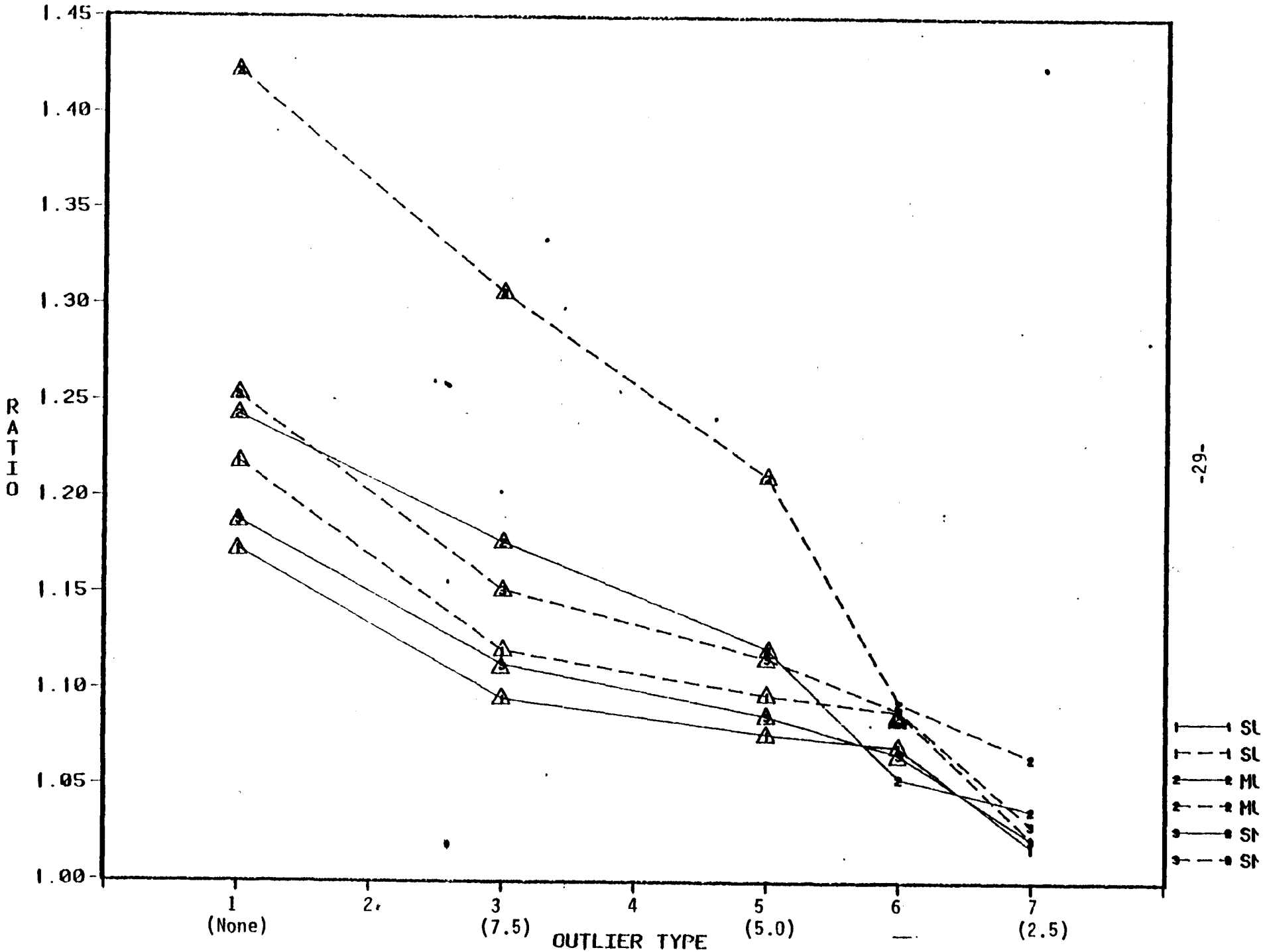
RETAIL TRADE - IQ PAYROLL



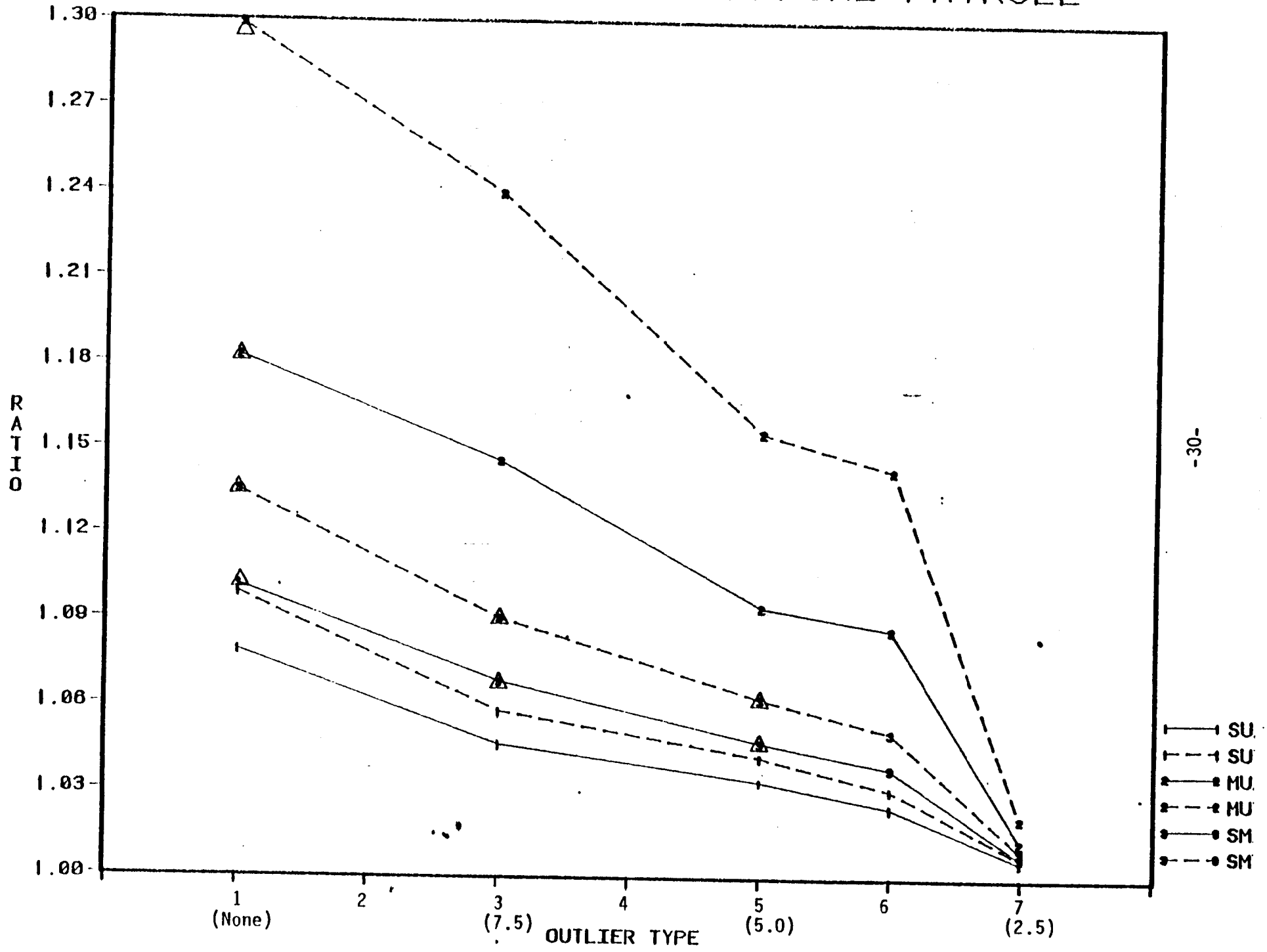
RETAIL TRADE - IQ EMPLOYMENT



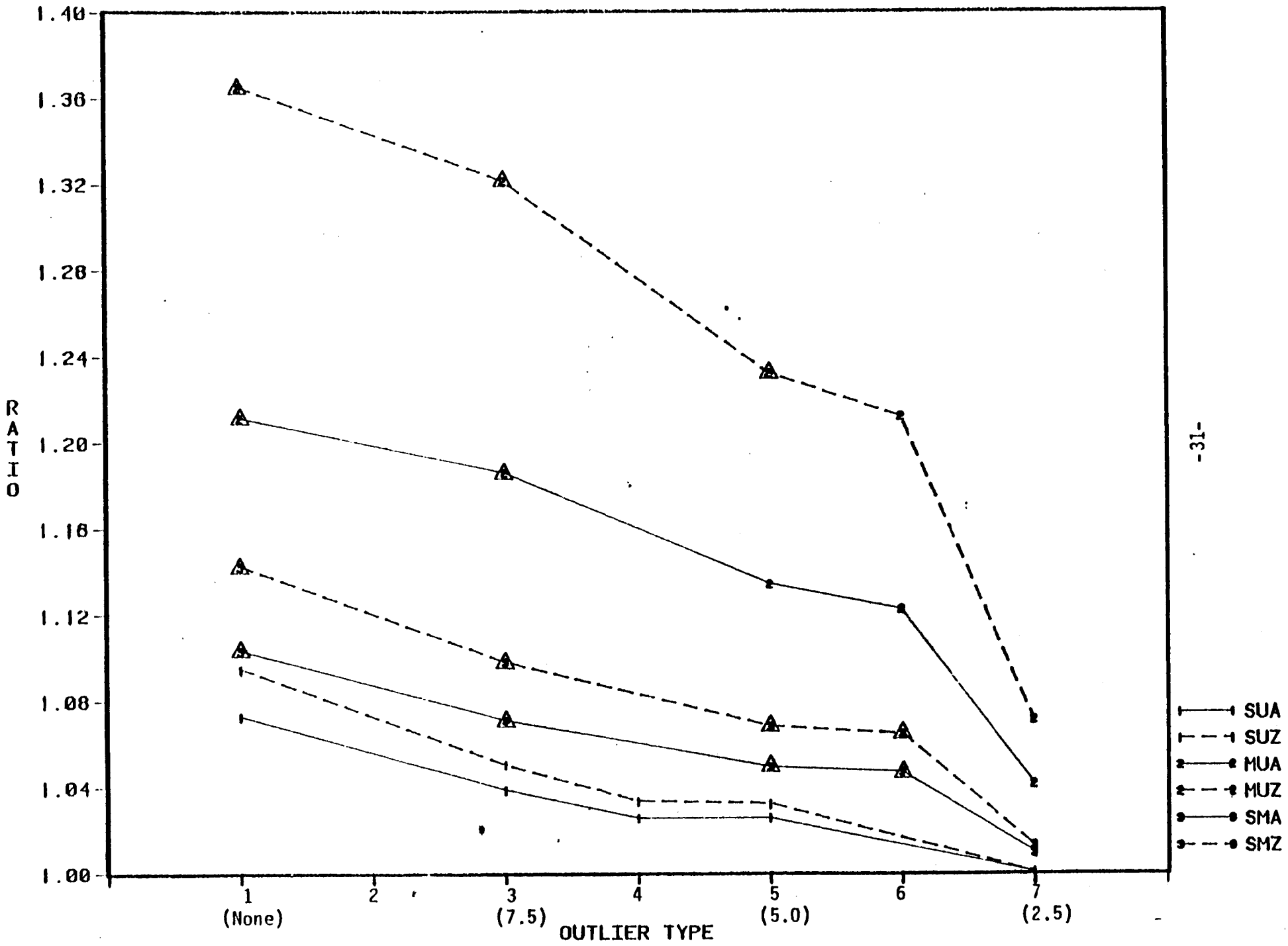
SERVICE INDUSTRIES - RECEIPTS



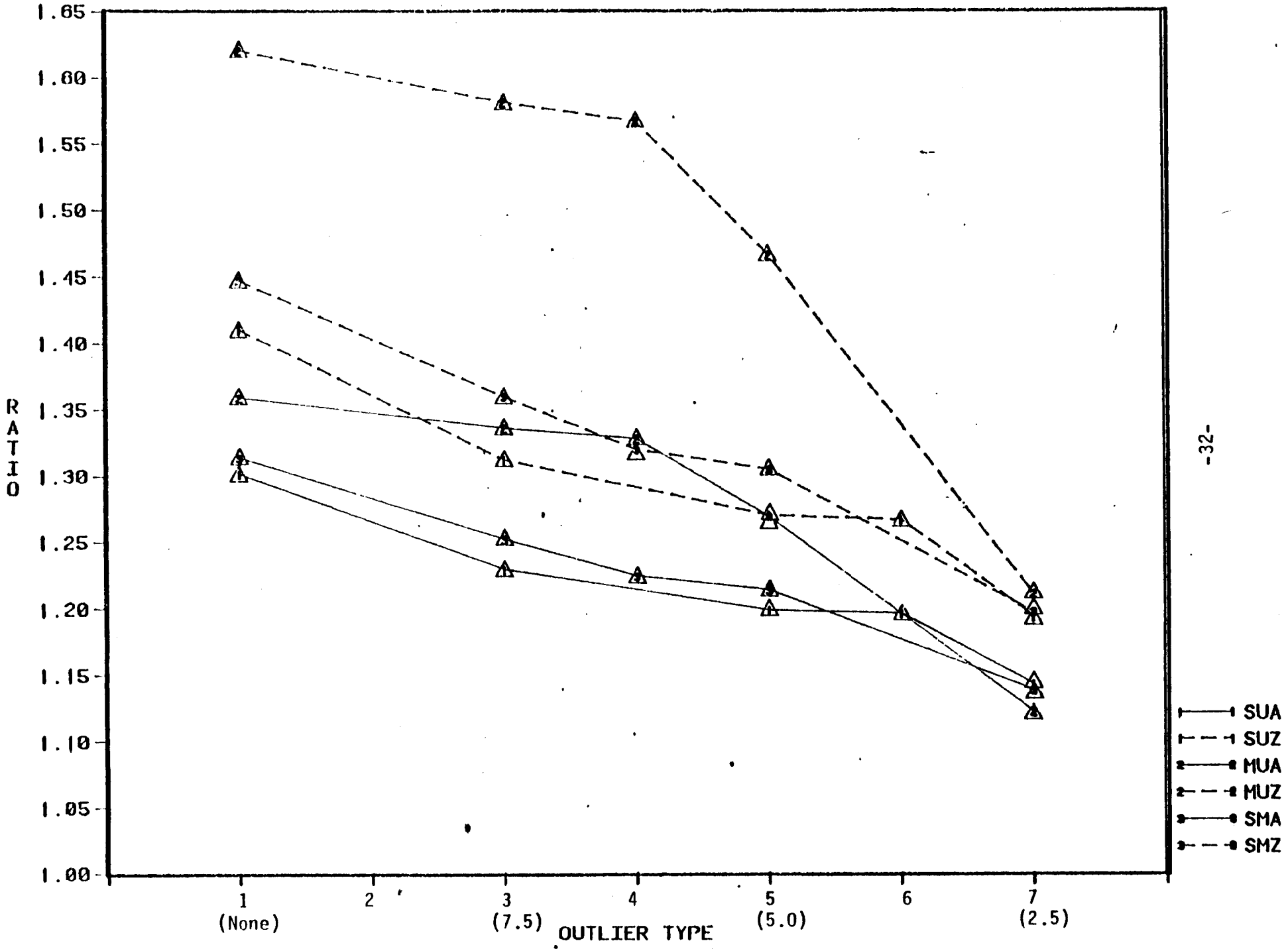
SERVICE INDUSTRIES - ANNUAL PAYROLL



SERVICE INDUSTRIES - IQ PAYROLL



SERVICE INDUSTRIES - IQ EMPLOYMENT



Appendix 1
Description of SIC Groupings

Wholesale Trade

50 - Durable goods
51 - Nondurable goods

The 1, 2, or 4 following the 2-digit SIC code is a type of operation code.

1 - Merchant wholesalers
2 - Manufacturers' sales branches and offices
4 - Agents, brokers, and commission merchants

Retail Trade

52 - Building Materials, Hardware, Garden Supply and Mobile Home Dealers
53 - General Merchandise Stores
554 - Gasoline Service Stations
55-554- Automotive Dealers (Group 55 except 554)
56 - Apparrel and Accessary Stores
57 - Furniture Home Furnishings, and Equipment Stores
58 - Eating and Drinking Places
591 - Drug and Proprietary Stores
59D - Miscellaneous Retail - Durable goods including
593 - Used Merchandise Stores
594 - Sporting Goods, Bicycle, and Book, Jewelry, Hobby, Toys, Camera, Gift and Luggage Stores
59ND - Miscellaneous Retail - Nondurable goods including
592 - Liquor stores
5943 - Stationary stores
596 - Nonstore Retailers (e.g. Mail order houses)
598 - Fuel and Ice dealers
599 - Florists, Cigar, and Newsstands

Service Industries

4722 - Arrangement of Passanger Transportation
70 - Hotels, Rooming Houses, Campass, Other Lodging
72 - Personal Services (Laundry, etc)
73 - Business Services
75 - Automotive Repair
76 - Miscellaneous Repair
78 - Motion Pictures
79 - Ammusement and Recreative except Motion Pictures
80 - Health Services
81 - Legal Services
82 - Educational Services
83 - Social Services
86 - Membership Organizations
891, 892, 893, 899 - Engineering, Architectural, Surveying, Scientific Research, Accounting, Auditing and Bookkeeping Services.

Appendix 2

Tables of universe sizes, sampling weights, and sample sizes for Wholesale trade, Retail trade and Service Industries by type of unit, SIC code and stratification by sales/receipts.

AREA:WHOLESALE

SINGLE	UNITS TOTAL ESTABLISHMENTS IN UNIVERSE							
50-1	4512	2644	1444	795	437	192	18	10142
50-2	0	0	0	0	0	0	0	0
50-4	423	249	180	120	107	30	4	1113
51-1	3359	1971	1233	674	398	219	18	7872
51-2	0	0	0	0	0	0	0	0
51-4	319	162	116	85	67	48	6	805
ALLSIC	8713	5026	2975	1674	1009	489	46	19932

SINGLE	UNITS COMBINED HEIGHTS						
50-1	124.6648	71.0936	45.0000	24.0000	11.4242	5.3023	1.0000
50-2	.0000	.0000	.0000	.0000	.0000	.0000	.0000
50-4	105.0000	62.0000	45.0000	30.0000	26.0000	7.0000	1.0000
51-1	101.7576	53.1133	49.0000	26.0000	13.1416	7.0020	1.0000
51-2	.0000	.0000	.0000	.0000	.0000	.0000	.0000
51-4	106.0000	54.0000	39.0000	28.0000	22.0000	16.0000	1.0000

SINGLE	UNITS	VARIABLE: ORIG CNTS						
50-1	32	32	32	32	32	32	10	210
50-2	0	0	0	0	0	0	0	0
50-4	4	4	4	4	4	4	4	28
51-1	25	25	25	25	25	25	16	168
51-2	0	0	0	0	0	0	0	0
51-4	3	3	3	3	3	3	6	24
ALLSIC	64	64	64	64	64	64	46	430

SINGLE	UNITS	VARIABLE: SUP CNTS						
50-1	5	5	5	5	5	5	0	30
50-2	0	0	0	0	0	0	0	0
50-4	1	1	1	1	1	1	0	6
51-1	4	4	4	4	4	4	0	24
51-2	0	0	0	0	0	0	0	0
51-4	1	1	1	1	1	1	0	6
ALLSIC	11	11	11	11	11	11	0	66

MULTI	UNITS TOTAL ESTABLISHMENTS IN UNIVERSE							
50-1	1355	821	400	292	233	146	12	3259
50-2	294	212	126	96	79	58	6	871
50-4	37	36	30	28	28	10	2	171
51-1	662	418	284	162	141	102	10	1779
51-2	192	136	92	93	62	55	6	636
51-4	13	14	15	13	12	9	1	77
ALLSIC	2553	1637	947	684	555	380	37	6793

MULTI	UNITS COMBINED HEIGHTS						
50-1	96.0000	58.0000	28.0000	20.0000	16.0000	10.0000	1.0000
50-2	32.0000	23.0000	14.0000	10.0000	8.0000	6.0000	1.0000
50-4	12.0000	12.0000	10.0000	9.0000	9.0000	3.0000	1.0000
51-1	82.0000	52.0000	35.0000	20.0000	17.0000	12.0000	1.0000
51-2	32.0000	22.0000	15.0000	15.0000	10.0000	9.0000	1.0000
51-4	6.0000	7.0000	7.0000	6.0000	6.0000	4.0000	1.0000

MULTI	UNITS	VARIABLE: ORIG CNTS						
50-1	14	14	14	14	14	14	12	96
50-2	9	9	9	9	9	9	6	60
50-4	3	3	3	3	3	3	2	20
51-1	8	8	8	8	8	8	10	58
51-2	6	6	6	6	6	6	6	42
51-4	2	2	2	2	2	2	1	13
ALLSIC	42	42	42	42	42	42	37	289

AREA:RETAIL

SINGLE	UNITS TOTAL ESTABLISHMENTS IN UNIVERSE									
52	920	755	528	382	282	198	107	56	5	3233
53	344	337	238	219	112	62	34	23	3	1372
54	2478	2244	1799	1151	713	396	232	100	8	9121
554	2041	2532	2652	2320	1489	802	316	136	8	13096
55-554	2968	1664	909	617	451	314	231	144	13	7311
56	1254	1663	930	652	465	236	127	41	5	5373
57	1226	1134	1016	678	447	278	157	66	7	5009
58	9791	5599	5319	3200	1694	1084	385	93	11	27184
591	651	705	1227	673	486	302	135	56	6	4241
590	1903	2038	1045	680	443	266	121	43	7	6546
590D	2325	1269	941	917	462	312	166	73	6	6471
ALLSIC	26701	19940	16604	11497	7044	4250	2011	831	79	88957

SINGLE	UNITS COMBINED WEIGHTS								
52	230.0000	188.0000	132.0000	95.0000	70.0000	49.0000	26.0000	9.5881	1.0000
53	172.0000	168.0000	79.5562	109.0000	37.6569	31.0000	17.0000	11.0000	1.0000
54	176.7548	160.4083	127.9379	81.6517	59.0000	28.4087	16.4478	6.2637	1.0000
554	134.7951	105.3274	147.0000	109.9378	82.0000	37.8968	17.0000	5.5393	1.0000
55-554	211.8159	166.0000	75.2486	51.0543	37.6394	26.0267	16.6553	11.8508	1.0000
56	179.0000	184.5801	102.9866	93.0000	66.0000	21.4275	14.1750	4.1667	1.0000
57	176.0000	162.0000	145.0000	96.0000	63.0000	39.0000	17.3333	6.0914	1.0000
58	177.9628	130.0059	108.3037	74.1906	34.3118	25.0962	8.7671	1.8750	1.0000
591	108.0000	117.0000	175.0406	112.0000	81.0000	50.0000	19.0385	7.8750	1.0000
590	172.8346	185.1238	116.0000	61.5942	40.2565	23.9565	13.0000	3.5000	1.0000
590D	211.2727	141.0000	85.3054	82.0996	51.0000	34.0000	14.9400	6.6977	1.0000

SINGLE	UNITS	VARIABLE: ORIG CNTS								
52	4	4	4	4	4	4	4	4	5	37
53	2	2	2	2	2	2	2	2	3	19
54	12	12	12	12	12	12	12	12	8	104
554	18	18	18	18	18	18	18	18	8	152
55-554	10	10	10	10	10	10	10	10	13	93
56	7	7	7	7	7	7	7	7	5	61
57	7	7	7	7	7	7	7	7	7	63
58	37	37	37	37	37	37	37	37	11	307
591	6	6	6	6	6	6	6	6	6	54
590	9	9	9	9	9	9	9	9	7	79
590D	9	9	9	9	9	9	9	9	6	78
ALLSIC	121	121	121	121	121	121	121	121	79	1047

SINGLE	UNITS	VARIABLE: SUP CNTS								
52	1	1	1	1	1	1	1	1	0	8
53	1	1	1	1	1	1	1	1	0	8
54	2	2	2	2	2	2	2	2	0	16
554	3	3	3	3	3	3	3	3	0	24
55-554	2	2	2	2	2	2	2	2	0	16
56	2	2	2	2	2	2	2	2	0	16
57	2	2	2	2	2	2	2	2	0	16
58	6	6	6	6	6	6	6	6	0	48
591	1	1	1	1	1	1	1	1	0	8
590	2	2	2	2	2	2	2	2	0	16
590D	2	2	2	2	2	2	2	2	0	16
ALLSIC	24	24	24	24	24	24	24	24	0	192

AREA:RETAIL

MULTI	UNITS TOTAL ESTABLISHMENTS IN UNIVERSE									
52	278	246	172	133	77	61	49	31	4	1051
53	259	182	113	112	84	50	53	27	6	894
54	1104	575	271	188	172	145	103	59	8	2625
554	439	552	311	163	186	86	39	14	5	1795
55-554	254	160	115	85	50	43	34	25	4	770
56	996	968	549	462	375	353	105	65	7	3960
57	382	284	228	194	118	79	56	29	4	1374
58	557	445	420	414	277	184	140	53	5	2495
591	154	159	132	75	55	48	38	20	4	685
590	605	773	362	230	161	97	75	36	4	2343
59ND	323	315	256	143	91	51	35	22	4	1240
ALLSIC	5351	4659	2929	2199	1646	1205	807	381	55	19232

MULTI	UNITS COMBINED WEIGHTS								
52	69.0000	61.0000	43.0000	33.0000	19.0000	15.0000	12.0000	7.0000	1.0000
53	86.0000	60.0000	37.0000	37.0000	28.0000	19.0000	17.0000	9.0000	1.0000
54	110.0000	57.0000	27.0000	18.0000	17.0000	14.0000	10.0000	5.0000	1.0000
554	62.0000	78.0000	44.0000	23.0000	26.0000	12.0000	5.0000	2.0000	1.0000
55-554	84.0000	53.0000	38.0000	28.0000	16.0000	14.0000	11.0000	8.0000	1.0000
56	66.0000	64.0000	36.0000	30.0000	25.0000	23.0000	12.0000	4.0000	1.0000
57	76.0000	56.0000	45.0000	38.0000	23.0000	15.0000	11.0000	5.0000	1.0000
58	55.0000	44.0000	42.0000	41.0000	27.0000	18.0000	14.0000	5.0000	1.0000
591	51.0000	53.0000	44.0000	25.0000	18.0000	16.0000	12.0000	6.0000	1.0000
590	67.0000	85.0000	40.0000	25.0000	17.0000	10.0000	8.0000	4.0000	1.0000
59ND	64.0000	63.0000	51.0000	28.0000	18.0000	10.0000	7.0000	4.0000	1.0000

MULTI	UNITS	VARIABLE: ORIG CNTS								
52	4	4	4	4	4	4	4	4	4	36
53	3	3	3	3	3	3	3	3	6	30
54	10	10	10	10	10	10	10	10	8	88
554	7	7	7	7	7	7	7	7	5	61
55-554	3	3	3	3	3	3	3	3	4	28
56	15	15	15	15	15	15	15	15	7	127
57	5	5	5	5	5	5	5	5	4	44
58	10	10	10	10	10	10	10	10	5	85
591	3	3	3	3	3	3	3	3	4	28
590	9	9	9	9	9	9	9	9	4	76
59ND	5	5	5	5	5	5	5	5	4	44
ALLSIC	74	74	74	74	74	74	74	74	55	647

AREA:SERVICES

SINGLE	UNITS	TOTAL ESTABLISHMENTS IN UNIVERSE						
4722	546	198	150	80	49	28	3	1053
70	2727	1114	572	330	165	60	6	4982
72	2688	1171	806	403	201	61	4	5414
73	4385	2119	1201	600	272	107	8	8692
75	2274	2514	1325	671	247	77	6	7114
76	381	203	175	97	54	23	2	935
78	560	313	147	92	44	18	4	1178
79	2230	1022	522	262	121	43	5	4205
80	6212	3182	1870	939	401	124	9	12737
81	1620	2035	1098	520	211	63	5	5560
82	908	382	287	105	55	35	2	1774
83	1408	509	272	147	71	29	5	2441
86	1347	774	418	194	92	41	4	2870
891239	1082	1128	585	287	141	76	6	3305
ALLSIC	28367	16664	9428	4823	2124	785	69	62260

SINGLE	UNITS	COMBINED WEIGHTS					
4722	136.0000	49.0000	37.0000	20.0000	12.0000	7.0000	1.0000
70	143.2852	52.8629	33.0000	17.1711	8.2000	3.0000	1.0000
72	121.9459	52.8667	36.4272	25.0000	10.0000	2.7273	1.0000
73	128.9412	61.9231	40.0000	17.7515	6.0526	3.0000	1.0000
75	454.0000	502.0000	265.0000	134.0000	49.0000	15.0000	1.0000
76	95.4379	67.0000	50.0000	32.0000	10.0000	7.0000	1.0000
78	93.4724	62.0000	29.0000	16.0000	8.0000	3.0000	1.0000
79	130.7607	68.0000	30.1837	15.1497	8.0000	1.9091	1.0000
80	155.0000	79.0000	46.0000	20.1573	10.0000	2.5105	1.0000
81	90.0000	113.0000	61.0000	29.0000	11.0000	3.0000	1.0000
82	151.0000	63.0000	47.0000	17.0000	9.0000	5.0000	1.0000
83	176.0000	63.0000	34.0000	16.0000	8.0000	2.8065	1.0000
86	149.0000	77.4901	41.5292	21.0000	10.0000	4.0000	1.0000
891239	108.0000	93.5822	48.5272	28.0000	11.8072	6.0455	1.0000

SINGLE	UNITS	VARIABLE: ORIG CNTS						
4722	4	4	4	4	4	4	3	27
70	17	17	17	17	17	17	6	108
72	19	19	19	19	19	19	4	118
73	30	30	30	30	30	30	8	188
75	5	5	5	5	5	5	6	36
76	3	3	3	3	3	3	2	20
78	5	5	5	5	5	5	4	34
79	15	15	15	15	15	15	6	95
80	40	40	40	40	40	40	9	249
81	18	18	18	18	18	18	5	113
82	6	6	6	6	6	6	2	38
83	8	8	8	8	8	8	5	53
86	9	9	9	9	9	9	4	58
891239	10	10	10	10	10	10	6	66
ALLSIC	189	189	189	189	189	189	69	1203

SINGLE	UNITS	VARIABLE: SUP CNTS						
4722	1	1	1	1	1	1	0	6
70	2	2	2	2	2	2	0	12
72	3	3	3	3	3	3	0	18
73	4	4	4	4	4	4	0	24
75	3	3	3	3	3	3	0	18
76	1	1	1	1	1	1	0	6
78	1	1	1	1	1	1	0	6
79	2	2	2	2	2	2	0	12
80	6	6	6	6	6	6	0	36
81	3	3	3	3	3	3	0	18
82	1	1	1	1	1	1	0	6
83	1	1	1	1	1	1	0	6
86	1	1	1	1	1	1	0	6
891239	2	2	2	2	2	2	0	12
ALLSIC	31	31	31	31	31	31	0	186

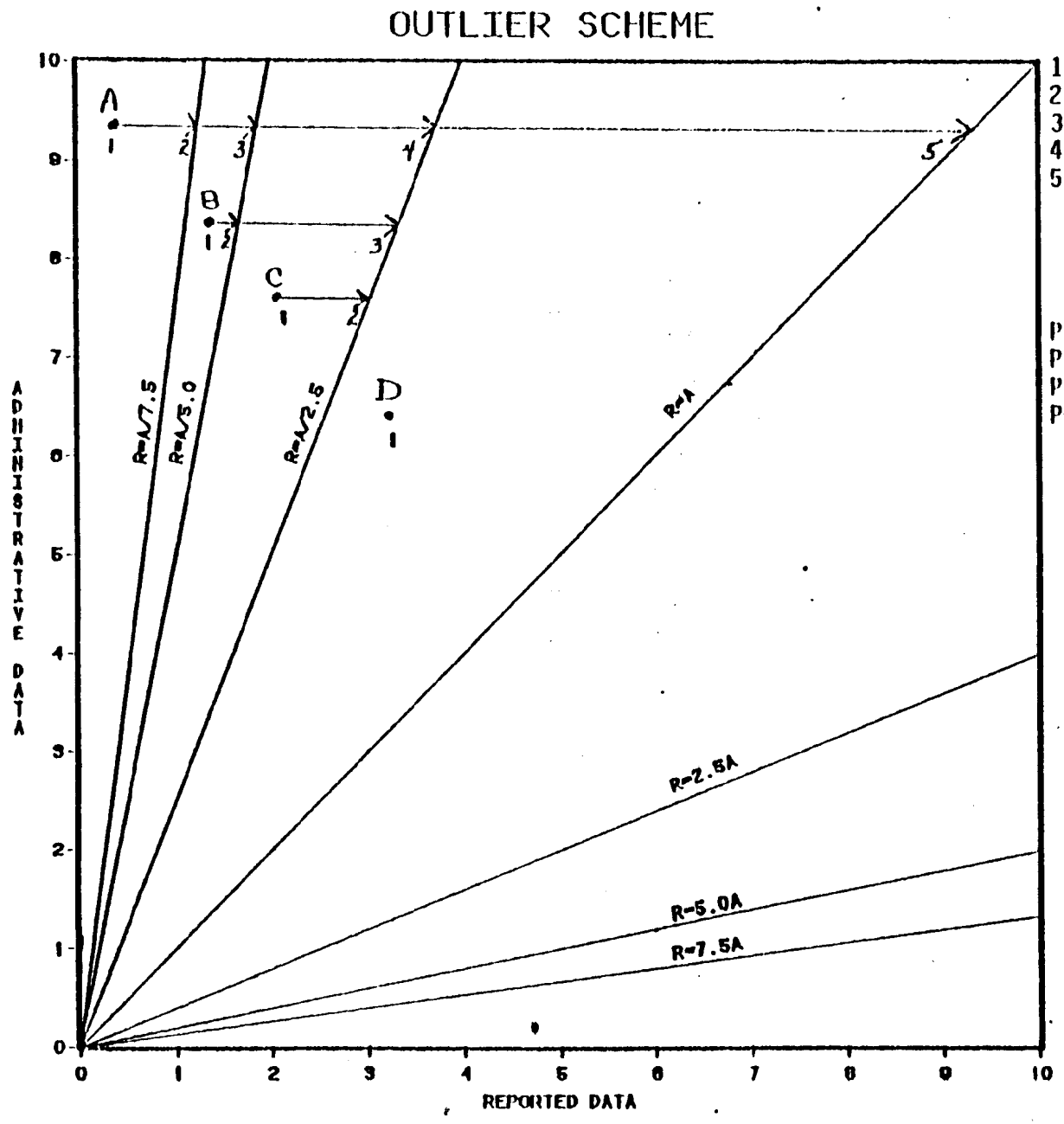
AREA:SERVICES

MULTI	UNITS TOTAL ESTABLISHMENTS IN UNIVERSE							
4722	121	56	60	26	15	8	1	287
70	171	93	63	46	31	26	2	432
72	861	601	228	86	49	31	4	1860
73	601	328	205	129	89	45	5	1402
75	276	196	130	86	42	28	2	760
76	35	25	23	12	12	9	1	117
78	138	144	94	49	41	20	2	488
79	86	49	38	22	17	12	3	227
80	160	138	126	60	42	29	3	566
81	36	28	24	13	10	7	1	119
82	64	70	31	24	14	13	1	217
83	467	202	125	79	46	25	4	948
86	100	57	48	27	18	14	2	266
891239	88	48	36	30	23	18	4	247
ALLSIC.	3204	2035	1231	697	449	285	35	7936

MULTI	UNITS COMBINED HEIGHTS						
4722	60.0000	28.0000	30.0000	13.0000	7.0000	4.0000	1.0000
70	85.0000	46.0000	31.0000	23.0000	15.0000	13.0000	1.0000
72	86.0000	60.0000	22.0000	8.0000	4.0000	3.0000	1.0000
73	75.0000	41.0000	25.0000	16.0000	11.0000	5.0000	1.0000
75	69.0000	49.0000	32.0000	21.0000	10.0000	7.0000	1.0000
76	35.0000	25.0000	23.0000	12.0000	12.0000	9.0000	1.0000
78	46.0000	48.0000	31.0000	16.0000	13.0000	6.0000	1.0000
79	86.0000	49.0000	38.0000	22.0000	17.0000	12.0000	1.0000
80	80.0000	69.0000	63.0000	34.0000	21.0000	14.0000	1.0000
81	36.0000	28.0000	24.0000	13.0000	10.0000	7.0000	1.0000
82	64.0000	70.0000	31.0000	24.0000	14.0000	13.0000	1.0000
83	116.0000	50.0000	31.0000	19.0000	11.0000	6.0000	1.0000
86	50.0000	28.0000	24.0000	13.0000	9.0000	7.0000	1.0000
891239	88.0000	48.0000	36.0000	30.0000	23.0000	18.0000	1.0000

MULTI	UNITS	VARIABLE: ORIG CNTS						
4722	2	2	2	2	2	2	1	13
70	2	2	2	2	2	2	2	14
72	10	10	10	10	10	10	4	64
73	8	8	8	8	8	8	5	53
75	4	4	4	4	4	4	2	26
76	1	1	1	1	1	1	1	7
78	3	3	3	3	3	3	2	20
79	1	1	1	1	1	1	3	9
80	2	2	2	2	2	2	3	15
81	1	1	1	1	1	1	1	7
82	1	1	1	1	1	1	1	7
83	4	4	4	4	4	4	4	28
86	2	2	2	2	2	2	2	14
891239	1	1	1	1	1	1	4	10
ALLSIC	42	42	42	42	42	42	35	287

Appendix 3
Graphical Representation of Outlier Adjustments



The data was processed five times

1 - No outlier adjustment
2 - Outlier factor = 7.5
3 - Outlier factor = 5.0
4 - Outlier factor = 2.5
5 - Outlier factor = 7.5 - "SPECIAL"
    i.e. reported value set equal
    to administrative value.

Thus, depending on the process above

Point A would have 5 different values
Point B would have 3 different values
Point C would have 2 different values
Point D would never be altered.

The numbers near the point or arrow correspond to the particular process above.

Appendix 4

Tables of both types of ratio estimator, their standard errors, associated tests, and number of cases affected by outlier adjustment at each SIC level for single units, multiunits, and combined units. Tables are arranged by trade area, data items, and outlier adjustment procedure.

AREA:WHOLESALE TITLE:SALES-RECEIPTS -- NO OUTLIER ADJUSTMENT R-HAT=ADMINISTRATIVE ADJ

SINGLE UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
50-1	.9508	.079607	-.5176	230.	0.	.0
50-2	.0000	.000000	.0000	0.	0.	.0
50-4	.5514	.060693	-7.3914	28.	0.	.0
51-1	1.1301	.082751	1.5727	196.	0.	.0
51-2	.0000	.000000	.0000	0.	0.	.0
51-4	1.0982	.264050	.3719	24.	0.	.0
ALLSIC	1.0163	.052993	.3070	478.	0.	.0

MULTI UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
50-1	1.1206	.124063	1.0303	96.	0.	.0
50-2	1.1018	.146561	.6943	60.	0.	.0
50-4	.8264	.101251	-1.7144	20.	0.	.0
51-1	1.2592	.157987	1.6407	58.	0.	.0
51-2	1.8662	.761196	1.1300	42.	0.	.0
51-4	1.7049	.606033	1.1617	13.	0.	.0
ALLSIC	1.2570	.121107	2.1290	289.	0.	.0

SU+NU UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
50-1	1.0220	.060265	.3227	326.	0.	.0
50-2	1.1018	.146561	.6943	60.	0.	.0
50-4	.5995	.052710	-7.5606	48.	0.	.0
51-1	1.1664	.074242	2.2418	254.	0.	.0
51-2	1.8662	.761196	1.1300	42.	0.	.0
51-4	1.1877	.240479	.7004	37.	0.	.0
ALLSIC	1.1095	.056956	1.9231	767.	0.	.0

AREA:WHOLESALE TITLE:SALES-RECEIPTS -- NO OUTLIER ADJUSTMENT R-HAT=ZERO ADJ

SINGLE UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
50-1	.9508	.094997	-.5175	230.	0.	.0
50-2	.0000	.000000	.0000	0.	0.	.0
50-4	.4425	.076514	-7.2066	28.	0.	.0
51-1	1.1465	.093166	1.5728	196.	0.	.0
51-2	.0000	.000000	.0000	0.	0.	.0
51-4	1.1056	.285019	.3705	24.	0.	.0
ALLSIC	1.0188	.061390	.3070	478.	0.	.0

MULTI UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
50-1	1.1788	.174502	1.0249	96.	0.	.0
50-2	1.2406	.361543	.6075	60.	0.	.0
50-4	.6400	.141694	-2.4842	20.	0.	.0
51-1	1.3316	.190063	1.6742	58.	0.	.0
51-2	2.5187	1.353618	1.1219	42.	0.	.0
51-4	2.0338	.606821	1.5051	13.	0.	.0
ALLSIC	1.3866	.181948	2.1250	289.	0.	.0

SU+NU UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
50-1	1.0277	.086004	.3226	326.	0.	.0
50-2	1.2406	.361543	.6075	60.	0.	.0
50-4	.4661	.069014	-7.7362	48.	0.	.0
51-1	1.1939	.086100	2.2524	254.	0.	.0
51-2	2.5187	1.353618	1.1219	42.	0.	.0
51-4	1.2101	.269160	.7005	37.	0.	.0
ALLSIC	1.1391	.072328	1.9232	767.	0.	.0

AREA:WHOLESALE TITLE:SALES-RECEIPTS -- OUTLIER ADJUSTMENT=7.5 R-HAT=ADMINISTRATIVE ADJ

SINGLE UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
50-1	.0976	.041020	-2.4950	230.	16.	7.0
50-2	.0000	.000000	.0000	0.	0.	.0
50-4	.5639	.058000	-7.4050	28.	5.	17.9
51-1	1.1103	.070891	1.5561	196.	6.	3.1
51-2	.0000	.000000	.0000	0.	0.	.0
51-4	1.1136	.259025	.4306	24.	7.	29.2
ALLSIC	.9021	.039152	-.4569	478.	34.	7.1

MULTI UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
50-1	1.0375	.003392	.4498	96.	4.	4.2
50-2	1.0151	.101159	.1494	60.	3.	5.0
50-4	.8204	.101280	-1.6940	20.	1.	5.0
51-1	1.2435	.151976	1.6021	58.	4.	6.9
51-2	1.2744	.287344	.9550	42.	5.	11.9
51-4	1.7108	.605632	1.1737	13.	2.	15.4
ALLSIC	1.1269	.067675	1.8754	289.	19.	6.6

SUMU UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
50-1	.9497	.040346	-1.2466	326.	20.	6.1
50-2	1.0151	.101159	.1494	60.	3.	5.0
50-4	.6101	.051467	-7.5747	48.	6.	12.5
51-1	1.1478	.066508	2.2217	254.	10.	3.9
51-2	1.2744	.287344	.9550	42.	5.	11.9
51-4	1.2017	.236428	.8530	37.	9.	24.3
ALLSIC	1.0300	.035496	1.0710	767.	53.	6.9

AREA:WHOLESALE TITLE:SALES-RECEIPTS -- OUTLIER ADJUSTMENT=7.5 R-HAT=ZERO ADJ

SINGLE UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
50-1	.8779	.048915	-2.4970	230.	16.	7.0
50-2	.0000	.000000	.0000	0.	0.	.0
50-4	.4580	.074274	-7.2974	28.	5.	17.9
51-1	1.1242	.079796	1.5565	196.	6.	3.1
51-2	.0000	.000000	.0000	0.	0.	.0
51-4	1.1222	.279674	.4369	24.	7.	29.2
ALLSIC	.9793	.045352	-.4569	478.	34.	7.1

MULTI UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
50-1	1.0522	.116170	.4489	96.	4.	4.2
50-2	1.0369	.247436	.1492	60.	3.	5.0
50-4	.6521	.142210	-2.4465	20.	1.	5.0
51-1	1.3115	.190516	1.6349	58.	4.	6.9
51-2	1.4811	.513152	.9375	42.	5.	11.9
51-4	2.0424	.682987	1.5262	13.	2.	15.4
ALLSIC	1.1903	.101460	1.8757	289.	19.	6.6

SUMU UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
50-1	.9366	.050763	-1.2480	326.	20.	6.1
50-2	1.0369	.247436	.1492	60.	3.	5.0
50-4	.4803	.067071	-7.7484	48.	6.	12.5
51-1	1.1722	.077082	2.2336	254.	10.	3.9
51-2	1.4811	.513152	.9375	42.	5.	11.9
51-4	1.2258	.264441	.8530	37.	9.	24.3
ALLSIC	1.0403	.045068	1.0712	767.	53.	6.9

AREA:WHOLESALE TITLE:SALES-RECEIPTS -- OUTLIER ADJUSTMENT=5.0 R-HAT=ADMINISTRATIVE ADJ

SINGLE UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
50-1	.8037	.033434	-3.4797	230.	23.	10.0
50-2	.0000	.000000	.0000	0.	0.	.0
50-4	.5832	.056106	-7.4280	28.	8.	28.6
51-1	1.0865	.060374	1.4320	196.	10.	5.1
51-2	.0000	.000000	.0000	0.	0.	.0
51-4	1.1163	.240758	.4676	24.	9.	37.5
ALLSIC	.9669	.033793	-.9794	478.	50.	10.5

MULTI UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
50-1	1.0045	.072374	.0620	96.	8.	8.3
50-2	1.0087	.100291	.0863	60.	4.	6.7
50-4	.8386	.096795	-1.6670	20.	2.	10.0
51-1	1.1666	.116455	1.4304	58.	10.	17.2
51-2	1.1320	.193221	.6072	42.	9.	21.4
51-4	1.7104	.604458	1.1005	13.	2.	15.4
ALLSIC	1.0735	.053229	1.3012	289.	35.	12.1

SUMU UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
50-1	.9286	.034161	-2.0888	326.	31.	9.5
50-2	1.0087	.100291	.0863	60.	4.	6.7
50-4	.6279	.049030	-7.5900	48.	10.	20.8
51-1	1.1099	.054368	2.0045	254.	20.	7.9
51-2	1.1328	.193221	.6072	42.	9.	21.4
51-4	1.2051	.228195	.8909	37.	11.	29.7
ALLSIC	1.0001	.029195	.2762	767.	85.	11.1

AREA:WHOLESALE TITLE:SALES-RECEIPTS -- OUTLIER ADJUSTMENT=5.0 R-HAT=ZERO ADJ

SINGLE UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
50-1	.8612	.039021	-3.4856	230.	23.	10.0
50-2	.0000	.000000	.0000	0.	0.	.0
50-4	.4020	.070643	-7.3328	28.	8.	28.6
51-1	1.0973	.067939	1.4328	196.	10.	5.1
51-2	.0000	.000000	.0000	0.	0.	.0
51-4	1.1251	.260614	.4657	24.	9.	37.5
ALLSIC	.9617	.039141	-.9796	478.	50.	10.5

MULTI UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
50-1	1.0062	.100636	.0620	96.	8.	8.3
50-2	1.0211	.245153	.0862	60.	4.	6.7
50-4	.6728	.136309	-2.4005	20.	2.	10.0
51-1	1.2131	.145975	1.4597	58.	10.	17.2
51-2	1.2328	.344524	.6757	42.	9.	21.4
51-4	2.0535	.678721	1.5522	13.	2.	15.4
ALLSIC	1.1102	.079775	1.3819	289.	35.	12.1

SUMU UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
50-1	.9101	.042956	-2.0923	326.	31.	9.5
50-2	1.0211	.245153	.0862	60.	4.	6.7
50-4	.5039	.063779	-7.7781	48.	10.	20.8
51-1	1.1270	.063023	2.0149	254.	20.	7.9
51-2	1.2328	.344524	.6757	42.	9.	21.4
51-4	1.2296	.255075	.9002	37.	11.	29.7
ALLSIC	1.0102	.037075	.2762	767.	85.	11.1

AREA:WHOLESALE TITLE:SALES-RECEIPTS -- OUTLIER ADJUSTMENT FACTOR=2.5 R-HAT=ADMINISTRATIVE ADJ

SINGLE UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
50-1	.8830	.024625	-4.7531	230.	46.	20.0
50-2	.0000	.000000	.0000	0.	0.	.0
50-4	.6798	.049749	-6.4357	28.	13.	46.4
51-1	1.0357	.039343	.9065	196.	36.	18.4
51-2	.0000	.000000	.0000	0.	0.	.0
51-4	.9330	.141933	-.4662	24.	15.	62.5
ALLSIC	.9397	.022174	-2.7215	478.	110.	23.0

MULTI UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
50-1	.9754	.058526	-.4198	96.	19.	19.8
50-2	.9573	.060926	-.7016	60.	12.	20.0
50-4	.8740	.082067	-1.5353	20.	4.	20.0
51-1	1.0574	.076904	.7455	58.	18.	31.0
51-2	.9692	.087268	-.3533	42.	14.	33.3
51-4	1.4416	.377636	1.1694	13.	5.	38.5
ALLSIC	.9996	.035757	-.0104	289.	72.	24.9

SU+MU UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
50-1	.9174	.026718	-3.0921	326.	65.	19.9
50-2	.9573	.060926	-.7016	60.	12.	20.0
50-4	.7138	.043302	-6.6099	48.	17.	35.4
51-1	1.0418	.035615	1.1729	254.	54.	21.3
51-2	.9692	.087268	-.3533	42.	14.	33.3
51-4	1.0087	.131650	.0661	37.	20.	54.1
ALLSIC	.9628	.019304	-1.9187	767.	182.	23.7

AREA:WHOLESALE TITLE:SALES-RECEIPTS -- OUTLIER ADJUSTMENT FACTOR=2.5 R-HAT=ZERO ADJ

SINGLE UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
50-1	.8604	.029227	-4.7779	230.	46.	20.0
50-2	.0000	.000000	.0000	0.	0.	.0
50-4	.6021	.061402	-6.4805	28.	13.	46.4
51-1	1.0402	.044272	.9070	196.	36.	18.4
51-2	.0000	.000000	.0000	0.	0.	.0
51-4	.9288	.151904	-.4685	24.	15.	62.5
ALLSIC	.9301	.025671	-2.7233	478.	110.	23.0

MULTI UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
50-1	.9658	.081279	-.4202	96.	19.	19.8
50-2	.8956	.148024	-.7054	60.	12.	20.0
50-4	.7445	.119132	-2.1447	20.	4.	20.0
51-1	1.0734	.097286	.7546	58.	18.	31.0
51-2	.9459	.151046	-.3579	42.	14.	33.3
51-4	1.6476	.438656	1.4763	13.	5.	38.5
ALLSIC	.9994	.053619	-.0104	289.	72.	24.9

SU+MU UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
50-1	.8959	.033579	-3.0990	326.	65.	19.9
50-2	.8956	.148024	-.7054	60.	12.	20.0
50-4	.6185	.055538	-6.8699	48.	17.	35.4
51-1	1.0407	.041353	1.1770	254.	54.	21.3
51-2	.9459	.151046	-.3579	42.	14.	33.3
51-4	1.0097	.147369	.0661	37.	20.	54.1
ALLSIC	.9528	.024630	-1.9177	767.	182.	23.7

AREA:WHOLESALE TITLE:SALES-RECEIPTS -- OUTLIER ADJUSTMENT=7.5 (SPECIAL) R-HAT=ADMINISTRATIVE ADJ

SINGLE UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
50-1	.0909	.026089	-4.0566	230.	16.	7.0
50-2	.0000	.000000	.0000	0.	0.	.0
50-4	.7658	.005737	-2.7316	28.	5.	17.9
51-1	1.0690	.051692	1.3345	196.	6.	3.1
51-2	.0000	.000000	.0000	0.	0.	.0
51-4	1.2745	.222441	1.2341	24.	7.	29.2
ALLSIC	.9832	.029220	-.5737	478.	34.	7.1

MULTI UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
50-1	.9700	.063086	-.4700	96.	4.	4.2
50-2	1.0066	.099563	.0658	60.	3.	5.0
50-4	.8673	.101052	-1.3029	20.	1.	5.0
51-1	1.2421	.145996	1.6585	58.	4.	6.9
51-2	.9471	.094177	-.5619	42.	5.	11.9
51-4	1.8094	.594402	1.3617	13.	2.	15.4
ALLSIC	1.0573	.052120	1.0998	289.	19.	6.6

SU+MU UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
50-1	.9204	.029166	-2.7309	326.	20.	6.1
50-2	1.0066	.099563	.0658	60.	3.	5.0
50-4	.7035	.072734	-2.9760	48.	6.	12.5
51-1	1.1177	.055300	2.1248	254.	10.	3.9
51-2	.9471	.094177	-.5619	42.	5.	11.9
51-4	1.3534	.207114	1.7063	37.	9.	24.3
ALLSIC	1.0118	.026954	.4391	767.	53.	6.9

AREA:WHOLESALE TITLE:SALES-RECEIPTS -- OUTLIER ADJUSTMENT=7.5 (SPECIAL) R-HAT=ZERO ADJ

SINGLE UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
50-1	.8699	.032060	-4.0592	230.	16.	7.0
50-2	.0000	.000000	.0000	0.	0.	.0
50-4	.7089	.106568	-2.7313	28.	5.	17.9
51-1	1.0777	.050114	1.3366	196.	6.	3.1
51-2	.0000	.000000	.0000	0.	0.	.0
51-4	1.2952	.239308	1.2333	24.	7.	29.2
ALLSIC	.9006	.033865	-.5736	478.	34.	7.1

MULTI UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
50-1	.9583	.088960	-.4692	96.	4.	4.2
50-2	1.0160	.243315	.0658	60.	3.	5.0
50-4	.7309	.153878	-1.7487	20.	1.	5.0
51-1	1.3097	.183132	1.6914	58.	4.	6.9
51-2	.9072	.162822	-.5698	42.	5.	11.9
51-4	2.1870	.634664	1.8702	13.	2.	15.4
ALLSIC	1.0860	.077900	1.1034	289.	19.	6.6

SU+MU UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
50-1	.8997	.036855	-2.7221	326.	20.	6.1
50-2	1.0160	.243315	.0658	60.	3.	5.0
50-4	.7115	.095059	-3.0101	48.	6.	12.5
51-1	1.1371	.064097	2.1391	254.	10.	3.9
51-2	.9072	.162822	-.5698	42.	5.	11.9
51-4	1.3956	.228240	1.7333	37.	9.	24.3
ALLSIC	1.0150	.034215	.4393	767.	53.	6.9

AREA:WHOLESALE TITLE:ANNUAL PAYROLL -- NO OUTLIER ADJUSTMENT R-HAT=ADMINISTRATIVE ADJ

SINGLE UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
50-1	1.0905	.113704	.7955	230.	0.	.0
50-2	.0000	.000000	.0000	0.	0.	.0
50-4	1.0589	.099793	.5902	20.	0.	.0
51-1	1.1096	.194562	.9744	196.	0.	.0
51-2	.0000	.000000	.0000	0.	0.	.0
51-4	1.4287	.242470	1.7681	24.	0.	.0
ALLSIC	1.1322	.095709	1.3816	478.	0.	.0

MULTI UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
50-1	1.0703	.069013	1.1345	96.	0.	.0
50-2	1.3054	.270070	1.4272	60.	0.	.0
50-4	1.5553	.213221	2.6045	20.	0.	.0
51-1	1.4079	.157373	2.5921	50.	0.	.0
51-2	6.5611	4.508412	1.2335	42.	0.	.0
51-4	1.1711	.434458	.3930	13.	0.	.0
ALLSIC	1.6420	.354961	1.8087	289.	0.	.0

SUMU UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
50-1	1.0862	.077655	1.1103	326.	0.	.0
50-2	1.3054	.270070	1.4272	60.	0.	.0
50-4	1.1313	.091104	1.4394	40.	0.	.0
51-1	1.2480	.140239	1.6785	254.	0.	.0
51-2	6.5611	4.508412	1.2335	42.	0.	.0
51-4	1.3047	.214557	1.7930	37.	0.	.0
ALLSIC	1.3200	.143793	2.2257	767.	0.	.0

AREA:WHOLESALE TITLE:ANNUAL PAYROLL -- NO OUTLIER ADJUSTMENT R-HAT=ZERO ADJ

SINGLE UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
50-1	1.1078	.135301	.7967	230.	0.	.0
50-2	.0000	.000000	.0000	0.	0.	.0
50-4	1.0696	.117207	.5934	28.	0.	.0
51-1	1.2124	.218205	.9733	196.	0.	.0
51-2	.0000	.000000	.0000	0.	0.	.0
51-4	1.4568	.257779	1.7722	24.	0.	.0
ALLSIC	1.1535	.111058	1.3022	478.	0.	.0

MULTI UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
50-1	1.1062	.093180	1.1398	96.	0.	.0
50-2	1.6371	.481984	1.3218	60.	0.	.0
50-4	2.0723	.320522	3.3454	20.	0.	.0
51-1	1.5483	.204950	2.6752	50.	0.	.0
51-2	9.9080	7.305395	1.2062	42.	0.	.0
51-4	1.1934	.490716	.3942	13.	0.	.0
ALLSIC	1.9053	.502272	1.8024	289.	0.	.0

SUMU UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
50-1	1.1073	.096454	1.1122	326.	0.	.0
50-2	1.6371	.481984	1.3218	60.	0.	.0
50-4	1.1643	.112932	1.4548	40.	0.	.0
51-1	1.2919	.173970	1.6781	254.	0.	.0
51-2	9.9080	7.305395	1.2062	42.	0.	.0
51-4	1.4140	.230330	1.7974	37.	0.	.0
ALLSIC	1.3974	.170631	2.2247	767.	0.	.0

AREA:WHOLESALE TITLE:ANNUAL PAYROLL -- OUTLIER ADJUSTMENT=7.5 R-HAT=ADMINISTRATIVE ADJ

SINGLE UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
50-1	1.0096	.043533	.2212	230.	4.	1.7
50-2	.0000	.000000	.0000	0.	0.	.0
50-4	1.0589	.099793	.5902	28.	0.	.0
51-1	1.0290	.057290	.5069	196.	3.	1.5
51-2	.0000	.000000	.0000	0.	0.	.0
51-4	1.4287	.242470	1.7681	24.	0.	.0
ALLSIC	1.0282	.033097	.8531	478.	7.	1.5

MULTI UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
50-1	1.0000	.060733	1.1636	96.	4.	4.2
50-2	1.3843	.269616	1.4255	60.	2.	3.3
50-4	1.4818	.175338	2.7401	20.	1.	5.0
51-1	1.3871	.148407	2.6086	50.	2.	3.4
51-2	1.4691	.237621	1.9740	42.	3.	7.1
51-4	1.1711	.434458	.3938	13.	0.	.0
ALLSIC	1.2313	.064104	3.6076	289.	12.	4.2

SUMU UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
50-1	1.0344	.037201	.9239	326.	8.	2.5
50-2	1.3843	.269616	1.4255	60.	2.	3.3
50-4	1.1205	.009426	1.3480	48.	1.	2.1
51-1	1.1262	.050266	2.1657	254.	5.	2.0
51-2	1.4691	.237621	1.9740	42.	3.	7.1
51-4	1.3847	.214557	1.7930	37.	0.	.0
ALLSIC	1.1030	.031473	3.2736	767.	19.	2.5

AREA:WHOLESALE TITLE:ANNUAL PAYROLL -- OUTLIER ADJUSTMENT=7.5 R-HAT=ZERO ADJ

SINGLE UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
50-1	1.0115	.051026	.2213	230.	4.	1.7
50-2	.0000	.000000	.0000	0.	0.	.0
50-4	1.0696	.117207	.5934	28.	0.	.0
51-1	1.0325	.064254	.5064	196.	3.	1.5
51-2	.0000	.000000	.0000	0.	0.	.0
51-4	1.4568	.257779	1.7722	24.	0.	.0
ALLSIC	1.0328	.038420	.8532	478.	7.	1.5

MULTI UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
50-1	1.1085	.092779	1.1692	96.	4.	4.2
50-2	1.6352	.481141	1.3203	60.	2.	3.3
50-4	1.9304	.232761	3.9972	20.	1.	5.0
51-1	1.5203	.192800	2.6977	50.	2.	3.4
51-2	1.7514	.396335	1.8950	42.	3.	7.1
51-4	1.1934	.490716	.3942	13.	0.	.0
ALLSIC	1.3261	.090430	3.6059	289.	12.	4.2

SUMU UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
50-1	1.0428	.046211	.9255	326.	8.	2.5
50-2	1.6352	.481141	1.3203	60.	2.	3.3
50-4	1.1509	.110745	1.3625	48.	1.	2.1
51-1	1.1481	.068258	2.1690	254.	5.	2.0
51-2	1.7514	.396335	1.8950	42.	3.	7.1
51-4	1.4140	.230330	1.7974	37.	0.	.0
ALLSIC	1.1279	.039030	3.2779	767.	19.	2.5

AREA:WHOLESALE TITLE:ANNUAL PAYROLL -- OUTLIER ADJUSTMENT=5.0 R-HAT=ADMINISTRATIVE ADJ

SINGLE UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
50-1	.9993	.030025	-.0172	230.	6.	2.6
50-2	.0000	.000000	.0000	0.	0.	.0
50-4	1.0555	.099793	.5564	28.	2.	7.1
51-1	1.0194	.054035	.3583	196.	7.	3.6
51-2	.0000	.000000	.0000	0.	0.	.0
51-4	1.3035	.210767	1.0195	24.	1.	4.2
ALLSIC	1.0177	.029945	.5928	478.	16.	3.3

MULTI UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
50-1	1.0603	.058753	1.0256	96.	6.	6.3
50-2	1.3270	.250433	1.3056	60.	6.	10.0
50-4	1.4414	.160924	2.7427	20.	1.	5.0
51-1	1.3202	.122061	2.6229	58.	2.	3.4
51-2	1.3559	.170032	2.0930	42.	4.	9.5
51-4	1.1738	.431032	.4025	13.	1.	7.7
ALLSIC	1.1870	.055193	3.4017	289.	20.	6.9

SU+MU UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
50-1	1.0208	.032211	.6447	326.	12.	3.7
50-2	1.3270	.250433	1.3056	60.	6.	10.0
50-4	1.1118	.088797	1.2586	48.	3.	6.3
51-1	1.1010	.051752	1.9509	254.	9.	3.5
51-2	1.3559	.170032	2.0930	42.	4.	9.5
51-4	1.3477	.189251	1.8304	37.	2.	5.4
ALLSIC	1.0804	.027732	2.8984	767.	36.	4.7

AREA:WHOLESALE TITLE:ANNUAL PAYROLL -- OUTLIER ADJUSTMENT=5.0 R-HAT=ZERO ADJ

SINGLE UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
50-1	.9992	.045286	-.0172	230.	6.	2.6
50-2	.0000	.000000	.0000	0.	0.	.0
50-4	1.0656	.117228	.5593	28.	2.	7.1
51-1	1.0217	.060584	.3580	196.	7.	3.6
51-2	.0000	.000000	.0000	0.	0.	.0
51-4	1.4087	.223087	1.0253	24.	1.	4.2
ALLSIC	1.0206	.034764	.5927	478.	16.	3.3

MULTI UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
50-1	1.0817	.079202	1.0320	96.	6.	6.3
50-2	1.5404	.443746	1.2179	60.	6.	10.0
50-4	1.8522	.199791	4.2656	20.	1.	5.0
51-1	1.4303	.156092	2.7428	58.	2.	3.4
51-2	1.5701	.284095	2.0066	42.	4.	9.5
51-4	1.1965	.487747	.4029	13.	1.	7.7
ALLSIC	1.2647	.077618	3.4107	289.	20.	6.9

SU+MU UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
50-1	1.0258	.040028	.6456	326.	12.	3.7
50-2	1.5404	.443746	1.2179	60.	6.	10.0
50-4	1.1399	.109971	1.2721	48.	3.	6.3
51-1	1.1185	.060600	1.9547	254.	9.	3.5
51-2	1.5701	.284095	2.0066	42.	4.	9.5
51-4	1.3742	.203791	1.8360	37.	2.	5.4
ALLSIC	1.0998	.034305	2.9027	767.	36.	4.7

AREA:WHOLESALE TITLE:ANNUAL PAYROLL -- OUTLIER ADJUSTMENT FACTOR=2.5 R-HAT=ADMINISTRATIVE ADJ

SINGLE UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
50-1	.9605	.025063	-1.2574	230.	24.	10.4
50-2	.0000	.000000	.0000	0.	0.	.0
50-4	.9929	.063242	-.1125	28.	3.	10.7
51-1	.9798	.035466	-.5704	196.	16.	8.2
51-2	.0000	.000000	.0000	0.	0.	.0
51-4	1.2585	.142806	1.8102	24.	1.	4.2
ALLSIC	.9801	.019721	-1.0090	478.	44.	9.2

MULTI UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
50-1	1.0246	.041028	.6000	96.	11.	11.5
50-2	1.1051	.136260	.7715	60.	10.	16.7
50-4	1.3404	.126255	2.6959	20.	2.	10.0
51-1	1.1822	.082257	2.2154	58.	14.	24.1
51-2	1.1025	.001007	2.2535	42.	4.	9.5
51-4	1.1378	.343233	.4014	13.	3.	23.1
ALLSIC	1.0904	.034928	2.5885	289.	44.	15.2

SU+MU UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
50-1	.9882	.021789	-.5403	326.	35.	10.7
50-2	1.1051	.136260	.7715	60.	10.	16.7
50-4	1.0435	.056022	.7661	48.	5.	10.4
51-1	1.0347	.034452	1.0071	254.	30.	11.8
51-2	1.1025	.001007	2.2535	42.	4.	9.5
51-4	1.2379	.132497	1.7954	37.	4.	10.8
ALLSIC	1.0207	.017055	1.1615	767.	88.	11.5

AREA:WHOLESALE TITLE:ANNUAL PAYROLL -- OUTLIER ADJUSTMENT FACTOR=2.5 R-HAT=ZERO ADJ

SINGLE UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
50-1	.9625	.029909	-1.2548	230.	24.	10.4
50-2	.0000	.000000	.0000	0.	0.	.0
50-4	.9916	.074716	-.1124	28.	3.	10.7
51-1	.9773	.039669	-.5713	196.	16.	8.2
51-2	.0000	.000000	.0000	0.	0.	.0
51-4	1.2755	.151220	1.8216	24.	1.	4.2
ALLSIC	.9769	.022890	-1.0092	478.	44.	9.2

MULTI UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
50-1	1.0334	.055221	.6047	96.	11.	11.5
50-2	1.1738	.230704	.7279	60.	10.	16.7
50-4	1.6572	.128237	5.1250	20.	2.	10.0
51-1	1.2449	.106492	2.3001	58.	14.	24.1
51-2	1.2924	.135490	2.1502	42.	4.	9.5
51-4	1.1558	.387765	.4017	13.	3.	23.1
ALLSIC	1.1275	.048983	2.6025	289.	44.	15.2

SU+MU UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
50-1	.9854	.027166	-.5392	326.	35.	10.7
50-2	1.1738	.230704	.7279	60.	10.	16.7
50-4	1.0545	.070818	.7694	48.	5.	10.4
51-1	1.0407	.040396	1.0077	254.	30.	11.8
51-2	1.2924	.135490	2.1502	42.	4.	9.5
51-4	1.2560	.141821	1.8051	37.	4.	10.8
ALLSIC	1.0258	.022151	1.1626	767.	88.	11.5

AREA:WHOLESALE TITLE:ANNUAL PAYROLL -- OUTLIER ADJUSTMENT=7.5 (SPECIAL) R-HAT=ADMINISTRATIVE ADJ

SINGLE UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
50-1	.9864	.034579	-.3947	230.	4.	1.7
50-2	.0000	.000000	.0000	0.	0.	.0
50-4	1.0509	.099793	.5902	28.	0.	.0
51-1	1.0224	.052028	.4307	196.	3.	1.5
51-2	.0000	.000000	.0000	0.	0.	.0
51-4	1.4207	.242470	1.7681	24.	0.	.0
ALLSIC	1.0126	.028192	.4487	478.	7.	1.5

MULTI UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
50-1	1.1093	.066590	1.6408	96.	4.	4.2
50-2	1.3003	.250005	1.2333	60.	2.	3.3
50-4	1.3766	.151527	2.4854	20.	1.	5.0
51-1	1.2130	.104681	2.0346	58.	2.	3.4
51-2	1.2172	.123216	1.7629	42.	3.	7.1
51-4	1.1711	.434458	.3938	13.	0.	.0
ALLSIC	1.1741	.055311	3.1483	289.	12.	4.2

SU+MU UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
50-1	1.0296	.032479	.9107	326.	8.	2.5
50-2	1.3003	.250005	1.2333	60.	2.	3.3
50-4	1.1052	.088434	1.1097	48.	1.	2.1
51-1	1.0741	.047670	1.5546	254.	5.	2.0
51-2	1.2172	.123216	1.7629	42.	3.	7.1
51-4	1.3047	.214557	1.7930	37.	0.	.0
ALLSIC	1.0721	.027034	2.6685	767.	19.	2.5

AREA:WHOLESALE TITLE:ANNUAL PAYROLL -- OUTLIER ADJUSTMENT=7.5 (SPECIAL) R-HAT=ZERO ADJ

SINGLE UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
50-1	.9837	.041193	-.3946	230.	4.	1.7
50-2	.0000	.000000	.0000	0.	0.	.0
50-4	1.0696	.117207	.5934	28.	0.	.0
51-1	1.0251	.058345	.4302	196.	3.	1.5
51-2	.0000	.000000	.0000	0.	0.	.0
51-4	1.4568	.257779	1.7722	24.	0.	.0
ALLSIC	1.0147	.032734	.4486	478.	7.	1.5

MULTI UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
50-1	1.1482	.089461	1.6566	96.	4.	4.2
50-2	1.5096	.441916	1.1532	60.	2.	3.3
50-4	1.7272	.180542	3.8569	20.	1.	5.0
51-1	1.2863	.134503	2.1284	58.	2.	3.4
51-2	1.3479	.201577	1.7261	42.	3.	7.1
51-4	1.1934	.490716	.3942	13.	0.	.0
ALLSIC	1.2455	.077602	3.1640	289.	12.	4.2

SU+MU UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
50-1	1.0368	.040341	.9123	326.	8.	2.5
50-2	1.5096	.441916	1.1532	60.	2.	3.3
50-4	1.1317	.109561	1.2019	48.	1.	2.1
51-1	1.0870	.055018	1.5578	254.	5.	2.0
51-2	1.3479	.201577	1.7261	42.	3.	7.1
51-4	1.4140	.230338	1.7974	37.	0.	.0
ALLSIC	1.0896	.033520	2.0725	767.	19.	2.5

AREA:WHOLESALE TITLE:IQ PAYROLL -- NO OUTLIER ADJUSTMENT R-HAT=ADMINISTRATIVE ADJ

SINGLE UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
50-1	1.1114	.104943	1.0618	230.	0.	.0
50-2	.0000	.000000	.0000	0.	0.	.0
50-4	1.1501	.130009	1.1536	28.	0.	.0
51-1	1.2060	.220210	1.2900	196.	0.	.0
51-2	.0000	.000000	.0000	0.	0.	.0
51-4	1.3505	.173015	2.0163	24.	0.	.0
ALLSIC	1.1794	.097457	1.8406	478.	0.	.0

MULTI UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
50-1	1.1197	.000045	1.4810	96.	0.	.0
50-2	1.4301	.267723	1.6064	60.	0.	.0
50-4	1.6444	.238204	2.7043	20.	0.	.0
51-1	1.2629	.130301	2.0178	58.	0.	.0
51-2	3.0110	1.118854	1.7973	42.	0.	.0
51-4	1.0502	.335073	.1734	13.	0.	.0
ALLSIC	1.3558	.100988	3.2645	289.	0.	.0

SU+MU UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
50-1	1.1143	.073010	1.5491	326.	0.	.0
50-2	1.4301	.267723	1.6064	60.	0.	.0
50-4	1.2234	.117436	1.9020	48.	0.	.0
51-1	1.2792	.159057	1.7465	254.	0.	.0
51-2	3.0110	1.118854	1.7973	42.	0.	.0
51-4	1.3010	.157377	1.9128	37.	0.	.0
ALLSIC	1.2456	.073304	3.3510	767.	0.	.0

AREA:WHOLESALE TITLE:IQ PAYROLL -- NO OUTLIER ADJUSTMENT R-HAT=ZERO ADJ

SINGLE UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
50-1	1.1356	.127312	1.0650	230.	0.	.0
50-2	.0000	.000000	.0000	0.	0.	.0
50-4	1.1062	.159262	1.1692	28.	0.	.0
51-1	1.3260	.251377	1.2968	196.	0.	.0
51-2	.0000	.000000	.0000	0.	0.	.0
51-4	1.3791	.183977	2.0607	24.	0.	.0
ALLSIC	1.2129	.115518	1.8427	478.	0.	.0

MULTI UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
50-1	1.1629	.107901	1.5003	96.	0.	.0
50-2	1.7728	.512994	1.5065	60.	0.	.0
50-4	2.3022	.361016	3.8287	20.	0.	.0
51-1	1.3720	.178162	2.0880	58.	0.	.0
51-2	4.2589	1.823064	1.7876	42.	0.	.0
51-4	1.0772	.447051	.1726	13.	0.	.0
ALLSIC	1.5149	.156776	3.2845	289.	0.	.0

SU+MU UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
50-1	1.1445	.092779	1.5571	326.	0.	.0
50-2	1.7728	.512994	1.5065	60.	0.	.0
50-4	1.2956	.152768	1.9353	48.	0.	.0
51-1	1.3376	.193317	1.7463	254.	0.	.0
51-2	4.2589	1.823064	1.7876	42.	0.	.0
51-4	1.3361	.172027	1.9445	37.	0.	.0
ALLSIC	1.3126	.093032	3.3606	767.	0.	.0

AREA:WHOLESALE TITLE:IQ PAYROLL -- OUTLIER ADJUSTMENT=7.5 R-HAT=ADMINISTRATIVE ADJ

SINGLE UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
50-1	1.0477	.050003	.9526	230.	6.	2.6
50-2	.0000	.000000	.0000	0.	0.	.0
50-4	1.1501	.130009	1.1536	20.	0.	.0
51-1	1.1079	.072605	1.4055	196.	4.	2.0
51-2	.0000	.000000	.0000	0.	0.	.0
51-4	1.3505	.173815	2.0163	24.	0.	.0
ALLSIC	1.0009	.039131	2.0605	470.	10.	2.1

MULTI UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
50-1	1.1203	.080791	1.4094	96.	3.	3.1
50-2	1.4020	.256873	1.5649	60.	3.	5.0
50-4	1.5693	.202173	2.0150	20.	1.	5.0
51-1	1.2103	.111704	1.9527	50.	1.	1.7
51-2	1.5328	.274201	1.9430	42.	3.	7.1
51-4	1.0502	.335873	.1734	13.	0.	.0
ALLSIC	1.2212	.064302	3.4395	289.	11.	3.8

SUMU UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
50-1	1.0732	.043113	1.6971	326.	9.	2.8
50-2	1.4020	.256873	1.5649	60.	3.	5.0
50-4	1.2122	.115048	1.0320	48.	1.	2.1
51-1	1.1405	.061055	2.3006	254.	5.	2.0
51-2	1.5328	.274201	1.9430	42.	3.	7.1
51-4	1.3010	.157377	1.9128	37.	0.	.0
ALLSIC	1.1336	.034349	3.0099	767.	21.	2.7

AREA:WHOLESALE TITLE:IQ PAYROLL -- OUTLIER ADJUSTMENT=7.5 R-HAT=ZERO ADJ

SINGLE UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
50-1	1.0581	.060706	.9551	230.	6.	2.6
50-2	.0000	.000000	.0000	0.	0.	.0
50-4	1.1862	.159262	1.1692	28.	0.	.0
51-1	1.1229	.080332	1.4005	196.	4.	2.0
51-2	.0000	.000000	.0000	0.	0.	.0
51-4	1.3791	.103977	2.0607	24.	0.	.0
ALLSIC	1.0961	.046384	2.0708	478.	10.	2.1

MULTI UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
50-1	1.1637	.107894	1.5170	96.	3.	3.1
50-2	1.7223	.491911	1.4604	60.	3.	5.0
50-4	2.2211	.271247	4.5018	20.	1.	5.0
51-1	1.3088	.152161	2.0297	58.	1.	1.7
51-2	1.8634	.450473	1.8032	42.	3.	7.1
51-4	1.0772	.447051	.1726	13.	0.	.0
ALLSIC	1.3201	.091639	3.4929	289.	11.	3.8

SUMU UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
50-1	1.0924	.054090	1.7091	326.	9.	2.8
50-2	1.7223	.491911	1.4604	60.	3.	5.0
50-4	1.2809	.150703	1.0640	48.	1.	2.1
51-1	1.1698	.073691	2.3049	254.	5.	2.0
51-2	1.8634	.450473	1.8032	42.	3.	7.1
51-4	1.3361	.172827	1.9445	37.	0.	.0
ALLSIC	1.1701	.043464	3.9126	767.	21.	2.7

AREA:WHOLESALE TITLE:IQ PAYROLL -- OUTLIER ADJUSTMENT=5.0 R-HAT=ADMINISTRATIVE ADJ

SINGLE UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
50-1	1.0367	.043293	.8488	230.	6.	2.6
50-2	.0000	.000000	.0000	0.	0.	.0
50-4	1.1311	.115400	1.1363	28.	1.	3.6
51-1	1.0726	.056196	1.2911	196.	9.	4.6
51-2	.0000	.000000	.0000	0.	0.	.0
51-4	1.3505	.173015	2.0163	24.	0.	.0
ALLSIC	1.0615	.032607	1.8049	478.	16.	3.3

MULTI UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
50-1	1.0943	.070249	1.3421	96.	6.	6.3
50-2	1.3769	.250056	1.5072	60.	4.	6.7
50-4	1.5304	.189378	2.8009	20.	1.	5.0
51-1	1.2124	.110461	1.9233	58.	2.	3.4
51-2	1.4004	.189407	2.1141	42.	4.	9.5
51-4	1.0644	.333917	.1928	13.	2.	15.4
ALLSIC	1.1916	.058065	3.2990	289.	19.	6.6

SUMU UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
50-1	1.0569	.037372	1.5230	326.	12.	3.7
50-2	1.3769	.250056	1.5072	60.	4.	6.7
50-4	1.1903	.103314	1.8423	48.	2.	4.2
51-1	1.1139	.051506	2.2108	254.	11.	4.3
51-2	1.4004	.189407	2.1141	42.	4.	9.5
51-4	1.3021	.157230	1.9211	37.	2.	5.4
ALLSIC	1.1103	.029840	3.6980	767.	35.	4.6

AREA:WHOLESALE TITLE:IQ PAYROLL -- OUTLIER ADJUSTMENT=5.0 R-HAT=ZERO ADJ

SINGLE UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
50-1	1.0447	.052573	.8505	230.	6.	2.6
50-2	.0000	.000000	.0000	0.	0.	.0
50-4	1.1627	.141374	1.1509	28.	1.	3.6
51-1	1.0027	.064259	1.2869	196.	9.	4.6
51-2	.0000	.000000	.0000	0.	0.	.0
51-4	1.3791	.183977	2.0607	24.	0.	.0
ALLSIC	1.0729	.038662	1.8865	478.	16.	3.3

MULTI UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
50-1	1.1282	.093593	1.3702	96.	6.	6.3
50-2	1.6772	.477687	1.4177	60.	4.	6.7
50-4	2.1378	.242690	4.6882	20.	1.	5.0
51-1	1.3006	.150332	1.9995	58.	2.	3.4
51-2	1.6489	.318227	2.0392	42.	4.	9.5
51-4	1.0053	.444404	.1919	13.	2.	15.4
ALLSIC	1.2773	.082491	3.3615	289.	19.	6.6

SUMU UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
50-1	1.0719	.046887	1.5338	326.	12.	3.7
50-2	1.6772	.477687	1.4177	60.	4.	6.7
50-4	1.2519	.134465	1.0736	48.	2.	4.2
51-1	1.1377	.062104	2.2171	254.	11.	4.3
51-2	1.6489	.318227	2.0392	42.	4.	9.5
51-4	1.3372	.172606	1.9537	37.	2.	5.4
ALLSIC	1.1404	.037735	3.7218	767.	35.	4.6

AREA:WHOLESALE TITLE:IQ PAYROLL -- OUTLIER ADJUSTMENT FACTOR=2.5 R-HAT=ADMINISTRATIVE ADJ

SINGLE UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
50-1	1.0016	.028269	.0577	230.	24.	10.4
50-2	.0000	.000000	.0000	0.	0.	.0
50-4	1.0387	.056262	.6877	28.	3.	10.7
51-1	1.0330	.041307	.7998	196.	16.	8.2
51-2	.0000	.000000	.0000	0.	0.	.0
51-4	1.3526	.173221	2.0356	24.	1.	4.2
ALLSIC	1.0229	.022430	1.0199	478.	44.	9.2

MULTI UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
50-1	1.0615	.055464	1.1089	96.	15.	15.6
50-2	1.1339	.122355	1.0948	60.	12.	20.0
50-4	1.4069	.147329	2.7618	20.	4.	20.0
51-1	1.1396	.084919	1.6441	58.	10.	17.2
51-2	1.2079	.087327	2.3809	42.	5.	11.9
51-4	1.1030	.306692	.3337	13.	2.	15.4
ALLSIC	1.1072	.039664	2.7026	289.	48.	16.6

SU+MU UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
50-1	1.0226	.026760	.8453	326.	39.	12.0
50-2	1.1339	.122355	1.0948	60.	12.	20.0
50-4	1.0933	.053548	1.7421	48.	7.	14.6
51-1	1.0645	.038620	1.6704	254.	26.	10.2
51-2	1.2079	.087327	2.3809	42.	5.	11.9
51-4	1.3104	.155084	2.0014	37.	3.	8.1
ALLSIC	1.0546	.020460	2.6664	767.	92.	12.0

AREA:WHOLESALE TITLE:IQ PAYROLL -- OUTLIER ADJUSTMENT FACTOR=2.5 R-HAT=ZERO ADJ

SINGLE UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
50-1	1.0020	.034393	.0570	230.	24.	10.4
50-2	.0000	.000000	.0000	0.	0.	.0
50-4	1.0480	.069465	.6911	28.	3.	10.7
51-1	1.0377	.047188	.7979	196.	16.	8.2
51-2	.0000	.000000	.0000	0.	0.	.0
51-4	1.3814	.183317	2.0808	24.	1.	4.2
ALLSIC	1.0272	.026621	1.0201	478.	44.	9.2

MULTI UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
50-1	1.0837	.073567	1.1372	96.	15.	15.6
50-2	1.2407	.234468	1.0266	60.	12.	20.0
50-4	1.8728	.174848	4.9916	20.	4.	20.0
51-1	1.1975	.116938	1.6892	58.	10.	17.2
51-2	1.3369	.147633	2.2823	42.	5.	11.9
51-4	1.1365	.411884	.3314	13.	2.	15.4
ALLSIC	1.1551	.056082	2.7663	289.	48.	16.6

SU+MU UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
50-1	1.0286	.033623	.8501	326.	39.	12.0
50-2	1.2407	.234468	1.0266	60.	12.	20.0
50-4	1.1235	.070155	1.7600	48.	7.	14.6
51-1	1.0780	.046657	1.6719	254.	26.	10.2
51-2	1.3369	.147633	2.2823	42.	5.	11.9
51-4	1.3465	.169998	2.0304	37.	3.	8.1
ALLSIC	1.0694	.025881	2.6828	767.	92.	12.0

AREA:WHOLESALE TITLE:IQ PAYROLL -- OUTLIER ADJUSTMENT=7.5 (SPECIAL) R-HAT=ADMINISTRATIVE ADJ

SINGLE UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
50-1	1.0339	.030200	.0066	230.	6.	2.6
50-2	.0000	.000000	.0000	0.	0.	.0
50-4	1.1501	.130089	1.1536	28.	0.	.0
51-1	1.0679	.060138	1.1285	196.	4.	2.0
51-2	.0000	.000000	.0000	0.	0.	.0
51-4	1.3505	.173815	2.0163	24.	0.	.0
ALLSIC	1.0591	.031428	1.8811	478.	10.	2.1

MULTI UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
50-1	1.1360	.079727	1.7155	96.	3.	3.1
50-2	1.3646	.245877	1.4830	60.	3.	5.0
50-4	1.4683	.180030	2.6011	20.	1.	5.0
51-1	1.2017	.109593	1.8404	58.	1.	1.7
51-2	1.2194	.117482	1.8673	42.	3.	7.1
51-4	1.0582	.335873	.1734	13.	0.	.0
ALLSIC	1.1940	.059860	3.2401	289.	11.	3.8

SUMU UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
50-1	1.0699	.037334	1.8734	326.	9.	2.8
50-2	1.3646	.245877	1.4830	60.	3.	5.0
50-4	1.1973	.114072	1.7171	48.	1.	2.1
51-1	1.1074	.053505	2.0071	254.	5.	2.0
51-2	1.2194	.117482	1.8673	42.	3.	7.1
51-4	1.3010	.157377	1.9128	37.	0.	.0
ALLSIC	1.1098	.029841	3.6784	767.	21.	2.7

AREA:WHOLESALE TITLE:IQ PAYROLL -- OUTLIER ADJUSTMENT=7.5 (SPECIAL) R-HAT=ZERO ADJ

SINGLE UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
50-1	1.0412	.046425	.8877	230.	6.	2.6
50-2	.0000	.000000	.0000	0.	0.	.0
50-4	1.1862	.159262	1.1692	28.	0.	.0
51-1	1.0774	.068712	1.1257	196.	4.	2.0
51-2	.0000	.000000	.0000	0.	0.	.0
51-4	1.3791	.183977	2.0607	24.	0.	.0
ALLSIC	1.0702	.037296	1.8810	478.	10.	2.1

MULTI UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
50-1	1.1860	.106182	1.7521	96.	3.	3.1
50-2	1.6552	.468073	1.3998	60.	3.	5.0
50-4	2.0044	.237141	4.2356	20.	1.	5.0
51-1	1.2854	.149414	1.9100	58.	1.	1.7
51-2	1.3555	.195475	1.8187	42.	3.	7.1
51-4	1.0772	.447051	.1726	13.	0.	.0
ALLSIC	1.2807	.085139	3.2970	289.	11.	3.8

SUMU UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
50-1	1.0804	.046830	1.8071	326.	9.	2.8
50-2	1.6552	.468073	1.3998	60.	3.	5.0
50-4	1.2611	.149500	1.7464	48.	1.	2.1
51-1	1.1299	.064526	2.0124	254.	5.	2.0
51-2	1.3555	.195475	1.8187	42.	3.	7.1
51-4	1.3361	.172827	1.9445	37.	0.	.0
ALLSIC	1.1397	.037766	3.6992	767.	21.	2.7

AREA:WHOLESALE TITLE:IQ EMPLOYMENT -- NO OUTLIER ADJUSTMENT R-HAT=ADMINISTRATIVE ADJ

SINGLE UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
50-1	1.1848	.101673	1.8173	230.	0.	.0
50-2	.0000	.000000	.0000	0.	0.	.0
50-4	1.0068	.074253	.0916	28.	0.	.0
51-1	1.1306	.070704	1.7607	196.	0.	.0
51-2	.0000	.000000	.0000	0.	0.	.0
51-4	1.4912	.321165	1.5293	24.	0.	.0
ALLSIC	1.1700	.063556	2.6748	478.	0.	.0

MULTI UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
50-1	1.4835	.230560	2.0971	96.	0.	.0
50-2	1.3090	.158100	1.9542	60.	0.	.0
50-4	1.4422	.229216	1.9292	20.	0.	.0
51-1	1.2478	.155641	1.5919	58.	0.	.0
51-2	7.5061	5.465073	1.1905	42.	0.	.0
51-4	.8067	.131411	-1.4711	13.	0.	.0
ALLSIC	1.8669	.435417	1.9909	289.	0.	.0

SUMRY UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
50-1	1.2840	.102652	2.7667	326.	0.	.0
50-2	1.3090	.158100	1.9542	60.	0.	.0
50-4	1.0572	.069708	.8194	48.	0.	.0
51-1	1.1658	.070612	2.3475	254.	0.	.0
51-2	7.5061	5.465073	1.1905	42.	0.	.0
51-4	1.4038	.280012	1.4420	37.	0.	.0
ALLSIC	1.4071	.153703	2.6487	767.	0.	.0

AREA:WHOLESALE TITLE:IQ EMPLOYMENT -- NO OUTLIER ADJUSTMENT R-HAT=ZERO ADJ

SINGLE UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
50-1	1.2263	.122753	1.8439	230.	0.	.0
50-2	.0000	.000000	.0000	0.	0.	.0
50-4	1.0089	.096655	.0917	28.	0.	.0
51-1	1.1582	.089953	1.7583	196.	0.	.0
51-2	.0000	.000000	.0000	0.	0.	.0
51-4	1.5361	.347323	1.5436	24.	0.	.0
ALLSIC	1.2022	.074880	2.7000	478.	0.	.0

MULTI UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
50-1	1.6870	.325207	2.1125	96.	0.	.0
50-2	1.4852	.260964	1.8594	60.	0.	.0
50-4	1.7541	.354026	2.1300	20.	0.	.0
51-1	1.3617	.221790	1.6307	58.	0.	.0
51-2	11.0039	8.592724	1.1642	42.	0.	.0
51-4	.7787	.155631	-1.4222	13.	0.	.0
ALLSIC	2.2630	.636311	1.9050	289.	0.	.0

SUMRY UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
50-1	1.3646	.130173	2.8009	326.	0.	.0
50-2	1.4852	.260964	1.8594	60.	0.	.0
50-4	1.0767	.092430	.8294	48.	0.	.0
51-1	1.2001	.085003	2.3536	254.	0.	.0
51-2	11.0039	8.592724	1.1642	42.	0.	.0
51-4	1.4434	.304873	1.4543	37.	0.	.0
ALLSIC	1.5165	.194797	2.6513	767.	0.	.0

AREA:WHOLESALE TITLE:IQ EMPLOYMENT -- OUTLIER ADJUSTMENT=7.5 R-HAT=ADMINISTRATIVE ADJ

SINGLE UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
50-1	1.1351	.064204	2.1045	230.	2.	.9
50-2	.0000	.000000	.0000	0.	0.	.0
50-4	1.0060	.074253	.0916	20.	0.	.0
51-1	1.1011	.049134	2.0575	196.	3.	1.5
51-2	.0000	.000000	.0000	0.	0.	.0
51-4	1.4785	.321010	1.4907	24.	1.	4.2
ALLSIC	1.1204	.041025	3.1296	478.	6.	1.3

MULTI UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
50-1	1.2555	.095109	2.6063	96.	3.	3.1
50-2	1.2664	.134006	1.9070	60.	2.	3.3
50-4	1.4422	.229216	1.9292	20.	0.	.0
51-1	1.2470	.155641	1.5919	58.	0.	.0
51-2	1.6417	.253776	2.5204	42.	4.	9.5
51-4	.8079	.130274	-1.4746	13.	1.	7.7
ALLSIC	1.2830	.060537	4.1205	289.	10.	3.5

SU+MU UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
50-1	1.1751	.053411	3.2784	326.	5.	1.5
50-2	1.2664	.134006	1.9070	60.	2.	3.3
50-4	1.0572	.069788	.8194	48.	0.	.0
51-1	1.1376	.053339	2.5000	254.	3.	1.2
51-2	1.6417	.253776	2.5284	42.	4.	9.5
51-4	1.3929	.279995	1.4033	37.	2.	5.4
ALLSIC	1.1810	.035801	5.0553	767.	16.	2.1

AREA:WHOLESALE TITLE:IQ EMPLOYMENT -- OUTLIER ADJUSTMENT=7.5 R-HAT=ZERO ADJ

SINGLE UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
50-1	1.1655	.077556	2.1342	230.	2.	.9
50-2	.0000	.000000	.0000	0.	0.	.0
50-4	1.0089	.096655	.0917	20.	0.	.0
51-1	1.1154	.056153	2.0549	196.	3.	1.5
51-2	.0000	.000000	.0000	0.	0.	.0
51-4	1.5223	.347193	1.5044	24.	1.	4.2
ALLSIC	1.1527	.040340	3.1503	478.	6.	1.3

MULTI UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
50-1	1.3630	.130129	2.7897	96.	3.	3.1
50-2	1.4184	.218022	1.9121	60.	2.	3.3
50-4	1.7541	.354026	2.1300	20.	0.	.0
51-1	1.3617	.221790	1.6307	58.	0.	.0
51-2	1.9866	.387637	2.5452	42.	4.	9.5
51-4	.7801	.154305	-1.4254	13.	1.	7.7
ALLSIC	1.4123	.097129	4.2445	289.	10.	3.5

SU+MU UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
50-1	1.2248	.067206	3.3449	326.	5.	1.5
50-2	1.4184	.218022	1.9121	60.	2.	3.3
50-4	1.0767	.092430	.8294	48.	0.	.0
51-1	1.1661	.064075	2.5921	254.	3.	1.2
51-2	1.9866	.387637	2.5452	42.	4.	9.5
51-4	1.4315	.304807	1.4152	37.	2.	5.4
ALLSIC	1.2296	.044777	5.1275	767.	16.	2.1

AREA:WHOLESALE TITLE:IQ EMPLOYMENT -- OUTLIER ADJUSTMENT=5.0 R-HAT=ADMINISTRATIVE ADJ

SINGLE UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
50-1	1.1213	.057193	2.1209	230.	4.	1.7
50-2	.0000	.000000	.0000	0.	0.	.0
50-4	1.0060	.074253	.0916	20.	0.	.0
51-1	1.0076	.042952	2.0391	196.	7.	3.6
51-2	.0000	.000000	.0000	0.	0.	.0
51-4	1.4467	.299761	1.4892	24.	2.	8.3
ALLSIC	1.1146	.036551	3.1367	478.	13.	2.7

MULTI UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
50-1	1.2091	.076117	2.7464	96.	4.	4.2
50-2	1.2173	.109232	1.9894	60.	3.	5.0
50-4	1.3786	.199605	1.8966	20.	1.	5.0
51-1	1.2146	.127816	1.6707	58.	1.	1.7
51-2	1.5240	.223416	2.3452	42.	4.	9.5
51-4	.8177	.121317	-1.5025	13.	1.	7.7
ALLSIC	1.2342	.055777	4.1042	289.	14.	4.8

SU+MU UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
50-1	1.1504	.045924	3.2760	326.	8.	2.5
50-2	1.2173	.109232	1.9894	60.	3.	5.0
50-4	1.0498	.060639	.7259	48.	1.	2.1
51-1	1.1192	.045075	2.6445	254.	8.	3.1
51-2	1.5240	.223416	2.3452	42.	4.	9.5
51-4	1.3664	.261596	1.4007	37.	3.	8.1
ALLSIC	1.1553	.030790	5.0449	767.	27.	3.5

AREA:WHOLESALE TITLE:IQ EMPLOYMENT -- OUTLIER ADJUSTMENT=5.0 R-HAT=ZERO ADJ

SINGLE UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
50-1	1.1406	.069228	2.1464	230.	4.	1.7
50-2	.0000	.000000	.0000	0.	0.	.0
50-4	1.0089	.096655	.0917	20.	0.	.0
51-1	1.1000	.049066	2.0374	196.	7.	3.6
51-2	.0000	.000000	.0000	0.	0.	.0
51-4	1.4876	.324261	1.5037	24.	2.	8.3
ALLSIC	1.1364	.043127	3.1616	478.	13.	2.7

MULTI UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
50-1	1.2970	.102469	2.8908	96.	4.	4.2
50-2	1.3413	.176421	1.9344	60.	3.	5.0
50-4	1.6456	.301139	2.1438	20.	1.	5.0
51-1	1.3132	.181830	1.7224	58.	1.	1.7
51-2	1.8057	.335798	2.3992	42.	4.	9.5
51-4	.7913	.143050	-1.4508	13.	1.	7.7
ALLSIC	1.3413	.070556	4.3441	289.	14.	4.8

SU+MU UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
50-1	1.1931	.057746	3.3447	326.	8.	2.5
50-2	1.3413	.176421	1.9344	60.	3.	5.0
50-4	1.0668	.090965	.7342	48.	1.	2.1
51-1	1.1439	.054107	2.6589	254.	8.	3.1
51-2	1.8057	.335798	2.3992	42.	4.	9.5
51-4	1.4024	.284740	1.4131	37.	3.	8.1
ALLSIC	1.1971	.038400	5.1211	767.	27.	3.5

AREA:WHOLESALE TITLE:IQ EMPLOYMENT -- OUTLIER ADJUSTMENT FACTOR=2.5 R-HAT=ADMINISTRATIVE ADJ

SINGLE UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
50-1	1.0873	.036053	2.3676	230.	16.	7.0
50-2	.0000	.000000	.0000	0.	0.	.0
50-4	1.0002	.074013	.1102	28.	1.	3.6
51-1	1.0633	.035240	1.7945	196.	17.	8.7
51-2	.0000	.000000	.0000	0.	0.	.0
51-4	1.2162	.126009	1.7140	24.	3.	12.5
ALLSIC	1.0791	.024545	3.2226	478.	37.	7.7

MULTI UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
50-1	1.1477	.057483	2.5703	96.	12.	12.5
50-2	1.1216	.059792	2.0344	60.	7.	11.7
50-4	1.2431	.139577	1.7414	20.	3.	15.0
51-1	1.1446	.081810	1.7667	58.	7.	12.1
51-2	1.2942	.131543	2.2362	42.	6.	14.3
51-4	.0472	.096306	-1.5855	13.	1.	7.7
ALLSIC	1.1530	.030556	3.9605	289.	36.	12.5

SU+MU UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
50-1	1.1073	.031255	3.4346	326.	28.	8.6
50-2	1.1216	.059792	2.0344	60.	7.	11.7
50-4	1.0353	.066649	.5303	48.	4.	8.3
51-1	1.0835	.033140	2.5194	254.	24.	9.4
51-2	1.2942	.131543	2.2362	42.	6.	14.3
51-4	1.1691	.109308	1.5470	37.	4.	10.8
ALLSIC	1.1042	.020878	4.9932	767.	73.	9.5

AREA:WHOLESALE TITLE:IQ EMPLOYMENT -- OUTLIER ADJUSTMENT FACTOR=2.5 R-HAT=ZERO ADJ

SINGLE UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
50-1	1.1069	.044665	2.3930	230.	16.	7.0
50-2	.0000	.000000	.0000	0.	0.	.0
50-4	1.0106	.096312	.1105	28.	1.	3.6
51-1	1.0722	.040206	1.7956	196.	17.	8.7
51-2	.0000	.000000	.0000	0.	0.	.0
51-4	1.2360	.134662	1.7524	24.	3.	12.5
ALLSIC	1.0941	.028903	3.2458	478.	37.	7.7

MULTI UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
50-1	1.2099	.076556	2.7422	96.	12.	12.5
50-2	1.1910	.092165	2.0727	60.	7.	11.7
50-4	1.4145	.201922	2.0526	20.	3.	15.0
51-1	1.2110	.116541	1.8105	58.	7.	12.1
51-2	1.4523	.196512	2.3016	42.	6.	14.3
51-4	.8250	.114553	-1.5274	13.	1.	7.7
ALLSIC	1.2229	.053536	4.1643	289.	36.	12.5

SU+MU UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
50-1	1.1378	.039202	3.5155	326.	28.	8.6
50-2	1.1910	.092165	2.0727	60.	7.	11.7
50-4	1.0474	.080522	.5352	48.	4.	8.3
51-1	1.1000	.039756	2.5347	254.	24.	9.4
51-2	1.4523	.196512	2.3016	42.	6.	14.3
51-4	1.1857	.117033	1.5758	37.	4.	10.8
ALLSIC	1.1322	.026044	5.0779	767.	73.	9.5

AREA:WHOLESALE TITLE:IQ EMPLOYMENT -- OUTLIER ADJUSTMENT=7.5 (SPECIAL) R-HAT=ADMINISTRATIVE ADJ

SINGLE UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
50-1	1.1044	.053227	1.9616	230.	2.	.9
50-2	.0000	.000000	.0000	0.	0.	.0
50-4	1.0060	.074253	.0916	28.	0.	.0
51-1	1.0814	.039452	2.0634	196.	3.	1.5
51-2	.0000	.000000	.0000	0.	0.	.0
51-4	1.4632	.320866	1.4436	24.	1.	4.2
ALLSIC	1.1037	.034410	3.0151	478.	6.	1.3

MULTI UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
50-1	1.1308	.063027	2.2018	96.	3.	3.1
50-2	1.2134	.121533	1.7558	60.	2.	3.3
50-4	1.9422	.229216	1.9292	20.	0.	.0
51-1	1.2478	.155641	1.5919	58.	0.	.0
51-2	1.3357	.207335	1.6189	42.	4.	9.5
51-4	.9356	.073473	-.8771	13.	1.	7.7
ALLSIC	1.1926	.055815	3.4504	289.	10.	3.5

SU+NU UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
50-1	1.1158	.041293	2.0049	326.	5.	1.5
50-2	1.2134	.121533	1.7558	60.	2.	3.3
50-4	1.0572	.069788	.8194	48.	0.	.0
51-1	1.1228	.040515	2.5317	254.	3.	1.2
51-2	1.3357	.207335	1.6189	42.	4.	9.5
51-4	1.3959	.280033	1.4136	37.	2.	5.4
ALLSIC	1.1340	.029641	4.5200	767.	16.	2.1

AREA:WHOLESALE TITLE:IQ EMPLOYMENT -- OUTLIER ADJUSTMENT=7.5 (SPECIAL) R-HAT=ZERO ADJ

SINGLE UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
50-1	1.1279	.064814	1.9733	230.	2.	.9
50-2	.0000	.000000	.0000	0.	0.	.0
50-4	1.0089	.096655	.0917	28.	0.	.0
51-1	1.0929	.045046	2.0627	196.	3.	1.5
51-2	.0000	.000000	.0000	0.	0.	.0
51-4	1.5056	.347068	1.4568	24.	1.	4.2
ALLSIC	1.1234	.040747	3.0282	478.	6.	1.3

MULTI UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
50-1	1.1972	.084207	2.3416	96.	3.	3.1
50-2	1.3351	.192985	1.7365	60.	2.	3.3
50-4	1.7541	.354026	2.1300	20.	0.	.0
51-1	1.3617	.221790	1.6307	58.	0.	.0
51-2	1.5161	.307510	1.6784	42.	4.	9.5
51-4	.9262	.084706	-.8702	13.	1.	7.7
ALLSIC	1.2806	.078220	3.5872	289.	10.	3.5

SU+NU UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
50-1	1.1487	.052157	2.8509	326.	5.	1.5
50-2	1.3351	.192985	1.7365	60.	2.	3.3
50-4	1.0767	.092430	.8294	48.	0.	.0
51-1	1.1482	.058208	2.5468	254.	3.	1.2
51-2	1.5161	.307510	1.6784	42.	4.	9.5
51-4	1.4347	.304949	1.4254	37.	2.	5.4
ALLSIC	1.1700	.037127	4.5779	767.	16.	2.1

AREA:RETAIL TITLE:SALES-RECEIPTS -- NO OUTLIER ADJUSTMENT R-HAT=ADMINISTRATIVE ADJ

SINGLE UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
52	.8560	.040509	-3.5359	39.	0.	.0
53	1.0121	.139940	.0863	21.	0.	.0
54	1.0131	.040387	.3244	120.	0.	.0
554	1.0798	.172136	.4638	173.	0.	.0
55-554	1.1723	.240558	.7163	111.	0.	.0
56	2.4914	1.594168	.9355	73.	0.	.0
57	1.2339	.193360	1.2095	69.	0.	.0
58	1.9153	.635014	1.4414	379.	0.	.0
591	.9137	.033481	-2.5768	57.	0.	.0
59D	1.0217	.105441	.2060	91.	0.	.0
59ND	1.7144	.565263	1.2638	88.	0.	.0
ALLSIC	1.3119	.141838	2.1991	1221.	0.	.0

MULTI UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
52	4.7792	3.018510	1.2520	36.	0.	.0
53	1.0601	.113549	.5294	30.	0.	.0
54	1.3837	.316753	1.2113	88.	0.	.0
554	1.8669	.649893	1.3339	61.	0.	.0
55-554	3.1379	1.962610	1.0893	28.	0.	.0
56	1.0585	.077700	.7535	127.	0.	.0
57	.9965	.088230	-.0396	44.	0.	.0
58	1.2353	.348556	.6751	85.	0.	.0
591	.8166	.048377	-3.7916	28.	0.	.0
59D	1.6680	.420239	1.5895	76.	0.	.0
59ND	1.1864	.156568	1.1903	44.	0.	.0
ALLSIC	1.6151	.253951	2.4222	647.	0.	.0

SU+MU UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
52	2.0377	.911022	1.1391	75.	0.	.0
53	1.0467	.090786	.5149	51.	0.	.0
54	1.1655	.132448	1.2496	208.	0.	.0
554	1.2017	.176978	1.1397	234.	0.	.0
55-554	1.3540	.283791	1.2473	139.	0.	.0
56	1.6326	.640336	.9879	200.	0.	.0
57	1.1642	.139059	1.1811	113.	0.	.0
58	1.8018	.532229	1.5065	464.	0.	.0
591	.8864	.027555	-4.1241	85.	0.	.0
59D	1.2256	.150893	1.4949	167.	0.	.0
59ND	1.5899	.433560	1.3605	132.	0.	.0
ALLSIC	1.3948	.124268	3.1769	1868.	0.	.0

AREA:RETAIL TITLE:SALES-RECEIPTS -- NO OUTLIER ADJUSTMENT R-HAT=ZERO ADJ

SINGLE UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
52	.8446	.044377	-3.5022	39.	0.	.0
53	1.0175	.203362	.0862	21.	0.	.0
54	1.0162	.050180	.3235	120.	0.	.0
554	1.1027	.221592	.4634	173.	0.	.0
55-554	1.2113	.295352	.7155	111.	0.	.0
56	2.9849	2.110026	.9407	73.	0.	.0
57	1.2541	.210297	1.2084	69.	0.	.0
58	2.2300	.852836	1.4422	379.	0.	.0
591	.0089	.043025	-2.5344	57.	0.	.0
590	1.0272	.132119	.2058	91.	0.	.0
591D	1.8492	.673441	1.2610	88.	0.	.0
ALLSIC	1.3876	.176323	2.1980	1221.	0.	.0

MULTI UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
52	5.8745	3.932276	1.2396	36.	0.	.0
53	1.0994	.187481	.5300	30.	0.	.0
54	1.6028	.569541	1.1988	88.	0.	.0
554	2.1556	.865469	1.3353	61.	0.	.0
55-554	3.3760	2.175096	1.0924	28.	0.	.0
56	1.1208	.160519	.7525	127.	0.	.0
57	.9948	.130309	-.0396	44.	0.	.0
58	1.3816	.564718	.6758	85.	0.	.0
591	.7671	.052521	-4.4353	28.	0.	.0
590	2.0657	.664106	1.6048	76.	0.	.0
591D	1.2665	.226548	1.1765	44.	0.	.0
ALLSIC	1.9687	.400736	2.4174	647.	0.	.0

SU+MU UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
52	2.1825	1.040108	1.1369	75.	0.	.0
53	1.0744	.144479	.5149	51.	0.	.0
54	1.2344	.188253	1.2450	208.	0.	.0
554	1.2608	.229240	1.1378	234.	0.	.0
55-554	1.4300	.345274	1.2454	139.	0.	.0
56	2.0694	1.079306	.9908	200.	0.	.0
57	1.1934	.163746	1.1813	113.	0.	.0
58	2.1092	.735864	1.5074	464.	0.	.0
591	.8543	.035192	-4.1411	85.	0.	.0
590	1.3030	.202808	1.4939	167.	0.	.0
591D	1.7303	.537965	1.3575	132.	0.	.0
ALLSIC	1.5206	.163985	3.1745	1868.	0.	.0

AREA:RETAIL TITLE:SALES-RECEIPTS -- OUTLIER ADJUSTMENT=7.5 R-HAT=ADMINISTRATIVE ADJ

SINGLE UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
52	.0568	.040509	-3.5359	39.	0.	.0
53	1.0121	.139948	.0863	21.	0.	.0
54	1.0131	.040387	.3244	120.	1.	.8
554	.9316	.046816	-1.4618	173.	13.	7.5
55-554	1.0419	.110663	.3783	111.	10.	9.0
56	1.1399	.146248	.9563	73.	2.	2.7
57	1.1431	.129357	1.1061	69.	2.	2.9
58	1.0654	.044342	1.4744	379.	13.	3.4
591	.9147	.033169	-2.5727	57.	1.	1.8
59D	1.0040	.093210	.0433	91.	5.	5.5
59ND	1.1998	.105562	1.8930	88.	4.	4.5
ALLSIC	1.0297	.033506	.8860	1221.	51.	4.2

MULTI UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
52	1.2177	.175921	1.2373	36.	1.	2.8
53	1.0601	.113549	.5294	30.	0.	.0
54	1.0236	.068703	.3425	88.	3.	3.4
554	1.3539	.202274	1.7494	61.	7.	11.5
55-554	1.6336	.175403	3.6122	28.	3.	10.7
56	1.0161	.062612	.2560	127.	4.	3.1
57	.9990	.087335	-.0111	44.	1.	2.3
58	.9607	.066280	-.5925	85.	2.	2.4
591	.8211	.046428	-3.8530	28.	2.	7.1
59D	1.3005	.195296	1.5389	76.	5.	6.6
59ND	1.1898	.156062	1.2165	44.	1.	2.3
ALLSIC	1.1153	.035231	3.2738	647.	29.	4.5

SUMU UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
52	.9654	.059999	-.5763	75.	1.	1.3
53	1.0467	.090706	.5149	51.	0.	.0
54	1.0174	.036955	.4709	208.	4.	1.9
554	.9970	.050549	-.0603	234.	20.	8.5
55-554	1.0966	.101716	.9492	139.	13.	9.4
56	1.0657	.069567	.9440	200.	6.	3.0
57	1.1008	.094923	1.0622	113.	3.	2.7
58	1.0479	.038563	1.2425	464.	15.	3.2
591	.8803	.027097	-4.1216	85.	3.	3.5
59D	1.0976	.088672	1.1003	167.	10.	6.0
59ND	1.1975	.088667	2.2271	132.	5.	3.8
ALLSIC	1.0531	.026184	2.0279	1868.	80.	4.3

AREA:RETAIL TITLE:SALES-RECEIPTS -- OUTLIER ADJUSTMENT=7.5 R-HAT=ZERO ADJ

SINGLE UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
52	.8446	.044377	-3.5022	39.	0.	.0
53	1.0175	.203362	.0862	21.	0.	.0
54	1.0162	.050180	.3235	120.	1.	.8
554	.9120	.059788	-1.4722	173.	13.	7.5
55-554	1.0513	.135029	.3780	111.	10.	9.0
56	1.1861	.194254	.9582	73.	2.	2.7
57	1.1555	.140676	1.1052	69.	2.	2.9
58	1.0879	.059470	1.4773	379.	13.	3.4
591	.8901	.043447	-2.5285	57.	1.	1.8
59D	1.0051	.116720	.0433	91.	5.	5.5
59ND	1.2375	.126353	1.8800	88.	4.	4.5
ALLSIC	1.0369	.041661	.8854	1221.	51.	4.2

MULTI UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
52	1.2808	.232787	1.2060	36.	1.	2.8
53	1.0994	.187481	.5300	30.	0.	.0
54	1.0419	.123099	.3406	88.	3.	3.4
554	1.4718	.268202	1.7590	61.	7.	11.5
55-554	1.7042	.196983	3.5747	28.	3.	10.7
56	1.0332	.129206	.2568	127.	4.	3.1
57	.9986	.128910	-.0111	44.	1.	2.3
58	.9363	.106984	-.5953	85.	2.	2.4
591	.7728	.050483	-4.5001	28.	2.	7.1
59D	1.4795	.309242	1.5506	76.	5.	6.6
59ND	1.2715	.225715	1.2030	44.	1.	2.3
ALLSIC	1.1816	.055944	3.2469	647.	29.	4.5

SU+MU UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
52	.9606	.068234	-.5774	75.	1.	1.3
53	1.0744	.144479	.5149	51.	0.	.0
54	1.0246	.052517	.4692	208.	4.	1.9
554	.9961	.065356	-.0603	234.	20.	8.5
55-554	1.1173	.123817	.9473	139.	13.	9.4
56	1.1110	.117530	.9446	200.	6.	3.0
57	1.1187	.111723	1.0629	113.	3.	2.7
58	1.0663	.053295	1.2437	464.	15.	3.2
591	.8568	.034672	-4.1308	85.	3.	3.5
59D	1.1311	.119314	1.0984	167.	10.	6.0
59ND	1.2445	.110606	2.2104	132.	5.	3.8
ALLSIC	1.0700	.034580	2.0247	1868.	80.	4.3

AREA:RETAIL TITLE:SALES-RECEIPTS -- OUTLIER ADJUSTMENT=5.0 R-HAT=ADMINISTRATIVE ADJ

SINGLE UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
52	.8560	.040509	-3.5359	39.	0.	.0
53	1.0121	.139948	.0863	21.	0.	.0
54	1.0110	.039313	.2006	120.	3.	2.5
554	.9301	.045283	-1.5447	173.	21.	12.1
55-554	1.0041	.076270	.0539	111.	14.	12.6
56	1.0797	.103545	.7696	73.	3.	4.1
57	1.1055	.117453	.8980	69.	5.	7.2
58	1.0353	.033713	1.0481	379.	19.	5.0
591	.9156	.032898	-2.5668	57.	1.	1.8
59D	.9689	.071062	-.4372	91.	8.	8.8
59ND	1.1647	.008310	1.8648	88.	4.	4.5
ALLSIC	1.0061	.024705	.2481	1221.	78.	6.4

MULTI UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
52	1.1442	.126630	1.1389	36.	2.	5.6
53	1.0622	.113204	.5494	30.	1.	3.3
54	.9977	.057354	-.0393	88.	6.	6.8
554	1.2163	.134979	1.6028	61.	11.	18.0
55-554	1.6010	.152120	3.9510	28.	5.	17.9
56	.9880	.050104	-.2386	127.	6.	4.7
57	1.0016	.086634	.0183	44.	2.	4.5
58	.9415	.048958	-1.1946	85.	3.	3.5
591	.8241	.045251	-3.8861	28.	2.	7.1
59D	1.1879	.136721	1.3744	76.	9.	11.8
59ND	1.1783	.142257	1.2532	44.	2.	4.5
ALLSIC	1.0801	.028763	2.7839	647.	49.	7.6

SU+MU UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
52	.9433	.047374	-1.1966	75.	2.	2.7
53	1.0483	.090614	.5327	51.	1.	2.0
54	1.0056	.033046	.1685	208.	9.	4.3
554	.9744	.043648	-.5870	234.	32.	13.7
55-554	1.0593	.070610	.8396	139.	19.	13.7
56	1.0248	.051205	.4836	200.	9.	4.5
57	1.0750	.086796	.8641	113.	7.	6.2
58	1.0197	.029251	.6727	464.	22.	4.7
591	.8898	.026770	-4.1161	85.	3.	3.5
59D	1.0380	.064997	.5847	167.	17.	10.2
59ND	1.1679	.075363	2.2277	132.	6.	4.5
ALLSIC	1.0263	.019600	1.3439	1868.	127.	6.8

AREA:RETAIL TITLE:SALES-RECEIPTS -- OUTLIER ADJUSTMENT=5.0 R-HAT=ZERO ADJ

SINGLE UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
52	.8446	.044377	-3.5022	39.	0.	.0
53	1.0175	.203362	.0862	21.	0.	.0
54	1.0137	.040832	.2800	120.	3.	2.5
554	.9100	.057818	-1.5560	173.	21.	12.1
55-554	1.0050	.093556	.0539	111.	14.	12.6
56	1.1061	.137576	.7709	73.	3.	4.1
57	1.1146	.127700	.8974	69.	5.	7.2
58	1.0475	.045257	1.0492	379.	19.	5.0
591	.8913	.043119	-2.5211	57.	1.	1.8
59D	.9611	.008802	-.4380	91.	8.	8.8
59ND	1.1958	.105736	1.8514	88.	4.	4.5
ALLSIC	1.0076	.030704	.2481	1221.	78.	6.4

MULTI UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
52	1.1060	.160006	1.1072	36.	2.	5.6
53	1.1029	.187058	.5499	30.	1.	3.3
54	.9960	.101993	-.0393	88.	6.	6.8
554	1.2884	.179292	1.6085	61.	11.	18.0
55-554	1.6680	.171433	3.8964	28.	5.	17.9
56	.9753	.103372	-.2386	127.	6.	4.7
57	1.0023	.127795	.0183	44.	2.	4.5
58	.9051	.078217	-1.2127	85.	3.	3.5
591	.7767	.049289	-4.5309	28.	2.	7.1
59D	1.2998	.216656	1.3839	76.	9.	11.8
59ND	1.2550	.205710	1.2395	44.	2.	4.5
ALLSIC	1.1261	.045646	2.7627	647.	49.	7.6

SUMU UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
52	.9354	.053750	-1.2018	75.	2.	2.7
53	1.0768	.144214	.5327	51.	1.	2.0
54	1.0079	.046861	.1683	208.	9.	4.3
554	.9669	.056328	-.5882	234.	32.	13.7
55-554	1.0720	.085964	.8378	139.	19.	13.7
56	1.0419	.086523	.4838	200.	9.	4.5
57	1.0883	.102147	.8647	113.	7.	6.2
58	1.0272	.040457	.6729	464.	22.	4.7
591	.8587	.034303	-4.1195	85.	3.	3.5
59D	1.0511	.087396	.5841	167.	17.	10.2
59ND	1.2079	.094035	2.2104	132.	6.	4.5
ALLSIC	1.0347	.025876	1.3423	1868.	127.	6.8

AREA:RETAIL TITLE:SALES-RECEIPTS -- OUTLIER ADJUSTMENT FACTOR=2.5 R-HAT=ADMINISTRATIVE ADJ

SINGLE UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
52	.8601	.039180	-3.5708	39.	1.	2.6
53	1.0095	.122360	.0365	21.	3.	14.3
54	.9993	.032683	-.0212	120.	11.	9.2
554	.9242	.033091	-2.2905	173.	43.	24.9
55-554	.9620	.040628	-.9362	111.	20.	18.0
56	1.0011	.056510	.0203	73.	10.	13.7
57	.9939	.065019	-.0933	69.	12.	17.4
58	.9935	.021539	-.2999	379.	46.	12.1
591	.9101	.031050	-2.8953	57.	5.	8.8
59D	.9299	.046309	-1.5119	91.	18.	19.8
59HD	1.0808	.057370	1.4082	88.	15.	17.0
ALLSIC	.9692	.014515	-2.1228	1221.	184.	15.1

MULTI UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
52	1.0775	.090952	.8522	36.	2.	5.6
53	1.0499	.100743	.4950	30.	4.	13.3
54	.9608	.042427	-.9231	88.	12.	13.6
554	1.0172	.063222	.2718	61.	14.	23.0
55-554	1.4085	.097787	4.1774	28.	10.	35.7
56	.9536	.032216	-1.4394	127.	16.	12.6
57	1.0203	.083518	.2425	44.	5.	11.4
58	.9285	.035456	-2.0168	85.	8.	9.4
591	.8362	.042096	-3.8915	28.	3.	10.7
59D	1.0438	.068231	.6413	76.	14.	18.4
59HD	1.1114	.088213	1.2631	44.	5.	11.4
ALLSIC	1.0216	.020407	1.0585	647.	93.	14.4

SU+MU UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
52	.9255	.038574	-1.9304	75.	3.	4.0
53	1.0372	.080310	.4636	51.	7.	13.7
54	.9835	.025975	-.6358	208.	23.	11.1
554	.9386	.029640	-2.0715	234.	57.	24.4
55-554	1.0032	.037898	.0853	139.	30.	21.6
56	.9727	.029753	-.9187	200.	26.	13.0
57	1.0017	.052071	.0318	113.	17.	15.0
58	.9827	.018695	-.9163	464.	54.	11.6
591	.8893	.025199	-4.3939	85.	8.	9.4
59D	.9658	.038359	-.8918	167.	32.	19.2
59HD	1.0880	.048531	1.8136	132.	20.	15.2
ALLSIC	.9835	.011932	-1.3817	1868.	277.	14.8

AREA:RETAIL TITLE:SALES-RECEIPTS -- OUTLIER ADJUSTMENT FACTOR=2.5 R-HAT=ZERO ADJ

SINGLE UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
52	.8482	.042925	-3.5371	39.	1.	2.6
53	1.0065	.177685	.0365	21.	3.	14.3
54	.9991	.040494	-.0212	120.	11.	9.2
554	.9025	.042031	-2.3193	173.	43.	24.9
55-554	.9539	.049660	-.9394	111.	20.	18.0
56	1.0015	.075203	.0203	73.	10.	13.7
57	.9934	.070648	-.0933	69.	12.	17.4
58	.9913	.028944	-.2999	379.	46.	12.1
591	.8043	.040904	-2.8294	57.	5.	8.8
59D	.9122	.057782	-1.5196	91.	18.	19.8
59ND	1.0760	.060652	1.3989	88.	15.	17.0
ALLSIC	.9617	.017983	-2.1290	1221.	184.	15.1

MULTI UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
52	1.1000	.120071	.8326	36.	2.	5.6
53	1.0024	.166396	.4954	30.	4.	13.3
54	.9303	.074161	-.9398	88.	12.	13.6
554	1.0229	.084203	.2721	61.	14.	23.0
55-554	1.4540	.100107	4.1994	28.	10.	35.7
56	.9043	.066165	-1.4459	127.	16.	12.6
57	1.0299	.122589	.2438	44.	5.	11.4
58	.8840	.055193	-2.1012	85.	8.	9.4
591	.7920	.046313	-4.4921	28.	3.	10.7
59D	1.0698	.108535	.6433	76.	14.	18.4
59ND	1.1594	.126851	1.2563	44.	5.	11.4
ALLSIC	1.0340	.032238	1.0552	647.	93.	14.4

SUBU UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
52	.9151	.043681	-1.9425	75.	3.	4.0
53	1.0593	.127770	.4638	51.	7.	13.7
54	.9766	.036557	-.6398	208.	23.	11.1
554	.9206	.037990	-2.0900	234.	57.	24.4
55-554	1.0039	.046055	.0853	139.	30.	21.6
56	.9538	.050311	-.9184	200.	26.	13.0
57	1.0019	.061319	.0318	113.	17.	15.0
58	.9760	.026118	-.9171	464.	54.	11.6
591	.8580	.032427	-4.3788	85.	8.	9.4
59D	.9540	.051451	-.8931	167.	32.	19.2
59ND	1.1090	.060489	1.8014	132.	20.	15.2
ALLSIC	.9783	.015707	-1.3840	1868.	277.	14.8

AREA:RETAIL TITLE:SALES-RECEIPTS -- OUTLIER ADJUSTMENT=7.5 (SPECIAL) R-HAT=ADMINISTRATIVE ADJ

SINGLE UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
52	.8568	.040509	-3.5359	39.	0.	.0
53	1.0121	.139948	.0863	21.	0.	.0
54	1.0131	.040387	.3244	120.	1.	.8
554	.9697	.043333	-.7004	173.	13.	7.5
55-554	1.0151	.039737	.3810	111.	10.	9.0
56	.9023	.060348	-.2932	73.	2.	2.7
57	1.0955	.119666	.7977	69.	2.	2.9
58	1.0004	.026198	.0152	379.	13.	3.4
591	.9263	.031581	-2.3351	57.	1.	1.8
59D	.9272	.051302	-1.4197	91.	5.	5.5
59HD	1.1159	.075099	1.5428	88.	4.	4.5
ALLSIC	1.0002	.016057	.0109	1221.	51.	4.2

MULTI UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
52	1.0203	.090141	.2252	36.	1.	2.8
53	1.0601	.113549	.5294	30.	0.	.0
54	.9572	.053060	-.8065	88.	3.	3.4
554	1.1420	.080750	1.7589	61.	7.	11.5
55-554	1.6106	.140215	4.3548	28.	3.	10.7
56	.9834	.056843	-.2926	127.	4.	3.1
57	1.0236	.083313	.2830	44.	1.	2.3
58	.9230	.032082	-2.4000	85.	2.	2.4
591	.8606	.037437	-3.7246	28.	2.	7.1
59D	1.0197	.076242	.2585	76.	5.	6.6
59HD	1.2267	.153455	1.4773	44.	1.	2.3
ALLSIC	1.0514	.025917	1.9826	647.	29.	4.5

SU+MU UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
52	.9060	.039081	-2.4052	75.	1.	1.3
53	1.0467	.090786	.5149	51.	0.	.0
54	.9901	.032273	-.3064	208.	4.	1.9
554	.9963	.038701	-.0945	234.	20.	8.5
55-554	1.0702	.038303	1.8321	139.	13.	9.4
56	.9829	.041776	-.4083	200.	6.	3.0
57	1.0744	.088022	.8449	113.	3.	2.7
58	.9875	.022473	-.5570	464.	15.	3.2
591	.9078	.024976	-3.6935	85.	3.	3.5
59D	.9564	.042562	-1.0254	167.	10.	6.0
59HD	1.1420	.067854	2.0927	132.	5.	3.8
ALLSIC	1.0142	.014152	1.0018	1868.	80.	4.3

AREA:RETAIL TITLE:SALES-RECEIPTS -- OUTLIER ADJUSTMENT=7.5 (SPECIAL) R-HAT=ZERO ADJ

SINGLE UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
52	.8446	.044377	-3.5022	39.	0.	.0
53	1.0175	.203362	.0862	21.	0.	.0
54	1.0162	.050180	.3235	120.	1.	.8
554	.9610	.055664	-.7012	173.	13.	7.5
55-554	1.0186	.048755	.3809	111.	10.	9.0
56	.9765	.080348	-.2930	73.	2.	2.7
57	1.1037	.130090	.7973	69.	2.	2.9
58	1.0005	.035205	.0152	379.	13.	3.4
591	.9051	.041613	-2.2815	57.	1.	1.8
59D	.9088	.063917	-1.4266	91.	5.	5.5
59ND	1.1377	.089792	1.5339	88.	4.	4.5
ALLSIC	1.0002	.020946	.0109	1221.	51.	4.2

MULTI UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
52	1.0262	.117019	.2238	36.	1.	2.8
53	1.0994	.187481	.5300	30.	0.	.0
54	.9238	.093220	-.8169	88.	3.	3.4
554	1.1893	.100108	1.7514	61.	7.	11.5
55-554	1.6786	.153977	4.4073	28.	3.	10.7
56	.9657	.117275	-.2926	127.	4.	3.1
57	1.0348	.122224	.2846	44.	1.	2.3
58	.8751	.040907	-2.5533	85.	2.	2.4
591	.8229	.044060	-4.0190	28.	2.	7.1
59D	1.0314	.121474	.2588	76.	5.	6.6
59ND	1.3242	.220394	1.4712	44.	1.	2.3
ALLSIC	1.0809	.041017	1.9729	647.	29.	4.5

SU+MU UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
52	.8929	.044173	-2.4248	75.	1.	1.3
53	1.0744	.144479	.5149	51.	0.	.0
54	.9860	.045591	-.3071	208.	4.	1.9
554	.9953	.050039	-.0945	234.	20.	8.5
55-554	1.0853	.046650	1.8271	139.	13.	9.4
56	.9712	.070635	-.4083	200.	6.	3.0
57	1.0876	.103592	.8455	113.	3.	2.7
58	.9827	.031078	-.5572	464.	15.	3.2
591	.8817	.032531	-3.6366	85.	3.	3.5
59D	.9414	.057086	-1.0269	167.	10.	6.0
59ND	1.1758	.084476	2.0811	132.	5.	3.8
ALLSIC	1.0187	.018673	1.0012	1868.	80.	4.3

AREA:RETAIL TITLE:ANNUAL PAYROLL -- NO OUTLIER ADJUSTMENT R-HAT=ADMINISTRATIVE ADJ

SINGLE UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
52	.8337	.061191	-2.7177	39.	0.	.0
53	.8713	.109949	-1.1709	21.	0.	.0
54	1.0266	.039820	.6669	120.	0.	.0
554	1.0766	.102091	.7505	173.	0.	.0
55-554	.9574	.040678	-1.0461	111.	0.	.0
56	2.3408	1.542706	.8691	73.	0.	.0
57	1.2446	.200384	1.2204	69.	0.	.0
58	1.2164	.157796	1.3715	379.	0.	.0
591	1.0431	.075268	.5726	57.	0.	.0
59D	1.0350	.055854	.6263	91.	0.	.0
59ND	1.8093	.800777	1.0106	88.	0.	.0
ALLSIC	1.1909	.104054	1.8349	1221.	0.	.0

MULTI UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
52	1.0700	.100514	.6961	36.	0.	.0
53	.8110	.054930	-3.4412	30.	0.	.0
54	1.6315	.442345	1.4277	88.	0.	.0
554	1.3464	.396632	.8735	61.	0.	.0
55-554	3.8053	3.000114	.9351	28.	0.	.0
56	1.1188	.102790	1.1560	127.	0.	.0
57	.9645	.082575	-.4295	44.	0.	.0
58	.8644	.032713	-4.1446	85.	0.	.0
591	.9928	.060411	-.1186	28.	0.	.0
59D	2.1679	.882308	1.3236	76.	0.	.0
59ND	1.1348	.116146	1.1603	44.	0.	.0
ALLSIC	1.3334	.184595	1.8061	647.	0.	.0

SU+MU UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
52	.9080	.054438	-1.6895	75.	0.	.0
53	.8263	.049257	-3.5261	51.	0.	.0
54	1.2861	.190963	1.4984	208.	0.	.0
554	1.1177	.105655	1.1138	234.	0.	.0
55-554	1.2389	.300819	.7942	139.	0.	.0
56	1.6954	.730052	.9525	200.	0.	.0
57	1.1601	.141956	1.1279	113.	0.	.0
58	1.1537	.129808	1.1841	464.	0.	.0
591	1.0292	.056969	.5122	85.	0.	.0
59D	1.4081	.293805	1.3890	167.	0.	.0
59ND	1.5237	.473209	1.1067	132.	0.	.0
ALLSIC	1.2319	.091123	2.5447	1868.	0.	.0

AREA:RETAIL TITLE:ANNUAL PAYROLL -- NO OUTLIER ADJUSTMENT R-HAT=ZERO ADJ

SINGLE UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
52	.8236	.064669	-2.7279	39.	0.	.0
53	.8096	.161067	-1.1821	21.	0.	.0
54	1.0326	.049000	.6656	120.	0.	.0
554	1.0976	.129725	.7522	173.	0.	.0
55-554	.9474	.050186	-1.0471	111.	0.	.0
56	2.7285	1.987200	.8698	73.	0.	.0
57	1.2610	.214351	1.2177	69.	0.	.0
58	1.2919	.212703	1.3724	379.	0.	.0
591	1.0551	.095735	.5758	57.	0.	.0
59D	1.0419	.067033	.6254	91.	0.	.0
59HD	1.9452	.937002	1.0087	66.	0.	.0
ALLSIC	1.2380	.129730	1.8348	1221.	0.	.0

MULTI UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
52	1.0869	.123729	.7027	36.	0.	.0
53	.7020	.085277	-3.4946	30.	0.	.0
54	2.1195	.785751	1.4248	88.	0.	.0
554	1.4475	.513975	.8706	61.	0.	.0
55-554	4.0775	3.267509	.9419	28.	0.	.0
56	1.1937	.168129	1.1519	127.	0.	.0
57	.9467	.124887	-.4266	44.	0.	.0
58	.7759	.049972	-4.4852	85.	0.	.0
591	.9910	.075776	-.1186	28.	0.	.0
59D	2.8711	1.393475	1.3427	76.	0.	.0
59HD	1.4074	.307650	1.3243	44.	0.	.0
ALLSIC	1.5395	.297205	1.8154	647.	0.	.0

SU+MU UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
52	.8977	.060571	-1.6884	75.	0.	.0
53	.7307	.075143	-3.5837	51.	0.	.0
54	1.4047	.270091	1.4984	208.	0.	.0
554	1.1502	.134603	1.1157	234.	0.	.0
55-554	1.2914	.366887	.7943	139.	0.	.0
56	2.0077	1.057237	.9532	200.	0.	.0
57	1.1872	.166210	1.1265	113.	0.	.0
58	1.2143	.180966	1.1844	464.	0.	.0
591	1.0371	.072227	.5140	85.	0.	.0
59D	1.5333	.382956	1.3926	167.	0.	.0
59HD	1.8264	.732444	1.1282	132.	0.	.0
ALLSIC	1.3095	.121548	2.5465	1868.	0.	.0

AREA:RETAIL TITLE:ANNUAL PAYROLL -- OUTLIER ADJUSTMENT=7.5 R-HAT=ADMINISTRATIVE ADJ

SINGLE UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
52	.8413	.057338	-2.7686	39.	1.	2.6
53	.8727	.109808	-1.1595	21.	1.	4.8
54	1.0266	.039028	.6669	120.	1.	.8
554	1.0399	.066532	.5996	173.	6.	3.5
55-554	.9591	.040353	-1.0145	111.	2.	1.8
56	1.0478	.090345	.5208	73.	2.	2.7
57	1.1041	.150501	1.2236	69.	2.	2.9
58	1.0625	.052173	1.1984	379.	15.	4.0
591	1.0439	.075143	.5844	57.	1.	1.8
59D	1.0294	.052538	.5587	91.	4.	4.4
59HD	1.0763	.007365	.8730	88.	4.	4.5
ALLSIC	1.0291	.022894	1.2727	1221.	39.	3.2

MULTI UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
52	1.0707	.100342	.7042	36.	1.	2.8
53	.8160	.052866	-3.4807	30.	2.	6.7
54	1.1529	.099086	1.5306	88.	4.	4.5
554	1.1564	.178941	.7862	61.	3.	4.9
55-554	1.5487	.313590	1.7498	28.	2.	7.1
56	1.0778	.087593	.8885	127.	5.	3.9
57	.9645	.002575	-.4295	44.	1.	2.3
58	.8648	.032651	-4.1411	85.	1.	1.2
591	.9934	.060408	-.1092	28.	1.	3.6
59D	1.3721	.224420	1.6579	76.	3.	3.9
59HD	1.1350	.116268	1.1615	44.	1.	2.3
ALLSIC	1.0712	.035061	2.0312	647.	24.	3.7

SUMU UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
52	.9134	.052227	-1.6577	75.	2.	2.7
53	.8304	.047999	-3.5331	51.	3.	5.9
54	1.0808	.048367	1.6698	208.	5.	2.4
554	1.0576	.064106	.8988	234.	9.	3.8
55-554	1.0173	.047833	.3626	139.	4.	2.9
56	1.0636	.062946	1.0111	200.	7.	3.5
57	1.1179	.107962	1.0923	113.	3.	2.7
58	1.0273	.043211	.6316	464.	16.	3.4
591	1.0299	.056882	.5262	85.	2.	2.4
59D	1.1422	.082295	1.7282	167.	7.	4.2
59HD	1.1012	.068547	1.4756	132.	5.	3.8
ALLSIC	1.0412	.019166	2.1514	1868.	63.	3.4

AREA:RETAIL TITLE:ANNUAL PAYROLL -- OUTLIER ADJUSTMENT=7.5 R-HAT=ZERO ADJ

SINGLE UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
52	.8316	.060579	-2.7799	39.	1.	2.6
53	.8117	.160839	-1.1707	21.	1.	4.8
54	1.0326	.049000	.6656	120.	1.	.8
554	1.0508	.084666	.6080	173.	6.	3.5
55-554	.9494	.049797	-1.0152	111.	2.	1.8
56	1.0616	.116693	.5277	73.	2.	2.7
57	1.1965	.161009	1.2206	69.	2.	2.9
58	1.0843	.070344	1.1989	379.	15.	4.0
591	1.0562	.095560	.5879	57.	1.	1.8
59D	1.0352	.063039	.5580	91.	4.	4.4
59ND	1.0891	.102108	.8724	88.	4.	4.5
ALLSIC	1.0363	.028551	1.2724	1221.	39.	3.2

MULTI UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
52	1.0078	.123505	.7109	36.	1.	2.8
53	.7099	.081663	-3.5524	30.	2.	6.7
54	1.2710	.173695	1.5603	88.	4.	4.5
554	1.2020	.258003	.7030	61.	3.	4.9
55-554	1.6020	.342428	1.7580	28.	2.	7.1
56	1.1268	.143085	.8865	127.	5.	3.9
57	.9467	.124887	-.4266	44.	1.	2.3
58	.7765	.049874	-4.4818	85.	1.	1.2
591	.9917	.075773	-.1092	28.	1.	3.6
59D	1.5961	.352254	1.6922	76.	3.	3.9
59ND	1.4083	.307610	1.3272	44.	1.	2.3
ALLSIC	1.1152	.056406	2.0431	647.	24.	3.7

SU+MU UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
52	.9037	.058119	-1.6565	75.	2.	2.7
53	.7371	.073002	-3.6017	51.	3.	5.9
54	1.1142	.067978	1.6804	208.	5.	2.4
554	1.0735	.081781	.8991	234.	9.	3.8
55-554	1.0212	.058370	.3624	139.	4.	2.9
56	1.0922	.091460	1.0084	200.	7.	3.5
57	1.1379	.126363	1.0912	113.	3.	2.7
58	1.0381	.060266	.6316	464.	16.	3.4
591	1.0381	.072108	.5281	85.	2.	2.4
59D	1.1859	.107304	1.7321	167.	7.	4.2
59ND	1.1596	.104048	1.5222	132.	5.	3.8
ALLSIC	1.0550	.025579	2.1517	1868.	63.	3.4

AREA:RETAIL TITLE:ANNUAL PAYROLL -- OUTLIER ADJUSTMENT=5.0 R-HAT=ADMINISTRATIVE ADJ

SINGLE UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
52	.8452	.055460	-2.7908	39.	1.	2.6
53	.8762	.109535	-1.1306	21.	1.	4.8
54	1.0208	.030804	.5371	120.	3.	2.5
554	1.0193	.047632	.4060	173.	11.	6.4
55-554	.9608	.040110	-.9769	111.	2.	1.8
56	1.0251	.070020	.3586	73.	2.	2.7
57	1.1294	.111201	1.1640	69.	3.	4.3
58	1.0250	.039421	.6549	379.	20.	5.3
591	1.0447	.075037	.5952	57.	1.	1.8
59D	1.0173	.046512	.3710	91.	5.	5.5
591D	1.0454	.072649	.6251	88.	7.	8.0
ALLSIC	1.0091	.018369	.4978	1221.	56.	4.6

MULTI UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
52	1.0749	.090729	.7584	36.	2.	5.6
53	.8229	.050027	-3.5408	30.	2.	6.7
54	1.1238	.084551	1.4641	88.	4.	4.5
554	1.0947	.136961	.6912	61.	6.	9.8
55-554	1.4188	.223124	1.8769	28.	4.	14.3
56	1.0222	.071612	.3095	127.	8.	6.3
57	.9652	.082395	-.4228	44.	2.	4.5
58	.8656	.032503	-4.1339	85.	3.	3.5
591	.9940	.060406	-.0985	28.	1.	3.6
59D	1.2455	.150917	1.6270	76.	5.	6.6
591D	1.1118	.093615	1.1946	44.	2.	4.5
ALLSIC	1.0397	.027549	1.4408	647.	39.	6.0

SUMU UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
52	.9175	.050892	-1.6217	75.	3.	4.0
53	.8364	.046263	-3.5357	51.	3.	5.9
54	1.0650	.042359	1.5348	208.	7.	3.4
554	1.0308	.045519	.6766	234.	17.	7.3
55-554	1.0061	.042309	.1437	139.	6.	4.3
56	1.0236	.050215	.4691	200.	10.	5.0
57	1.0799	.081476	.9806	113.	5.	4.4
58	.9973	.032850	-.0829	464.	23.	5.0
591	1.0306	.056809	.5394	85.	2.	2.4
59D	1.0924	.058963	1.5677	167.	10.	6.0
591D	1.0735	.055641	1.3216	132.	9.	6.8
ALLSIC	1.0179	.015297	1.1718	1868.	95.	5.1

AREA:RETAIL TITLE:ANNUAL PAYROLL -- OUTLIER ADJUSTMENT=5.0 R-HAT=ZERO ADJ

SINGLE UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
52	.8358	.050505	-2.8026	39.	1.	2.6
53	.8169	.160392	-1.1418	21.	1.	4.8
54	1.0256	.047720	.5362	120.	3.	2.5
554	1.0246	.060681	.4059	173.	11.	6.4
55-554	.9516	.049504	-.9775	111.	2.	1.8
56	1.0324	.090437	.3579	73.	2.	2.7
57	1.1381	.118995	1.1609	69.	3.	4.3
58	1.0348	.053168	.6549	379.	20.	5.3
591	1.0571	.095411	.5987	57.	1.	1.8
59D	1.0207	.055778	.3707	91.	5.	5.5
59HD	1.0530	.084920	.6246	88.	7.	8.0
ALLSIC	1.0114	.022906	.4977	1221.	56.	4.6

MULTI UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
52	1.0930	.121391	.7664	36.	2.	5.6
53	.7207	.076852	-3.6337	30.	2.	6.7
54	1.2194	.146245	1.5005	88.	4.	4.5
554	1.1223	.177677	.6881	61.	6.	9.8
55-554	1.4594	.244069	1.8823	28.	4.	14.3
56	1.0361	.116764	.3094	127.	8.	6.3
57	.9477	.124600	-.4200	44.	2.	4.5
58	.7779	.049606	-4.4777.	85.	3.	3.5
591	.9925	.075770	-.0986	28.	1.	3.6
59D	1.3934	.237524	1.6562	76.	5.	6.6
59HD	1.3381	.245731	1.3759	44.	2.	4.5
ALLSIC	1.0642	.044431	1.4457	647.	39.	6.0

SUMU UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
52	.9082	.056640	-1.6202	75.	3.	4.0
53	.7464	.070132	-3.6162	51.	3.	5.9
54	1.0920	.059468	1.5462	208.	7.	3.4
554	1.0393	.058140	.6761	234.	17.	7.3
55-554	1.0074	.051616	.1437	139.	6.	4.3
56	1.0341	.072062	.4685	200.	10.	5.0
57	1.0934	.095350	.9799	113.	5.	4.4
58	.9962	.045810	-.0829	464.	23.	5.0
591	1.0390	.072007	.5414	85.	2.	2.4
59D	1.1208	.076956	1.5697	167.	10.	6.0
59HD	1.1160	.085808	1.3522	132.	9.	6.8
ALLSIC	1.0239	.020421	1.1717	1868.	95.	5.1

AREA:RETAIL TITLE:ANNUAL PAYROLL -- OUTLIER ADJUSTMENT FACTOR=2.5 R-HAT=ADMINISTRATIVE ADJ

SINGLE UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
52	.8578	.050399	-2.8219	39.	2.	5.1
53	.8936	.103020	-1.0326	21.	2.	9.5
54	1.0127	.034710	.3672	120.	9.	7.5
554	1.0007	.030669	.0227	173.	16.	9.2
55-554	.9592	.033659	-1.2120	111.	14.	12.6
56	.9927	.047069	-.1546	73.	9.	12.3
57	1.0239	.040543	.4930	69.	5.	7.2
58	.9757	.023522	-1.0343	379.	40.	10.6
591	1.0429	.072109	.5953	57.	5.	8.8
59D	1.0114	.038663	.2959	91.	11.	12.1
59ND	.9792	.040151	-.5191	88.	9.	10.2
ALLSIC	.9794	.012247	-1.6827	1221.	122.	10.0

MULTI UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
52	1.0775	.083683	.9255	36.	4.	11.1
53	.8435	.043008	-3.6392	30.	2.	6.7
54	1.0769	.062472	1.2310	88.	11.	12.5
554	1.0087	.077451	.1128	61.	13.	21.3
55-554	1.1944	.115933	1.6768	28.	8.	28.6
56	.9356	.044738	-1.4387	127.	16.	12.6
57	.9603	.072166	-.5500	44.	9.	20.5
58	.8709	.027934	-4.6224	85.	10.	11.8
591	.9802	.053294	-.3711	28.	5.	17.9
59D	1.0860	.076894	1.1190	76.	11.	14.5
59ND	1.0601	.058117	1.0335	44.	9.	20.5
ALLSIC	.9909	.010403	-.4928	647.	98.	15.1

SU+MU UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
52	.9269	.045132	-1.6201	75.	6.	8.0
53	.8562	.041128	-3.4953	51.	4.	7.8
54	1.0403	.033238	1.2117	208.	20.	9.6
554	1.0019	.028558	.0672	234.	29.	12.4
55-554	.9824	.032315	-.5431	139.	22.	15.8
56	.9626	.032331	-1.1577	200.	25.	12.5
57	1.0047	.040166	.1182	113.	14.	12.4
58	.9570	.019900	-2.1608	464.	50.	10.8
591	1.0256	.054230	.4714	85.	10.	11.8
59D	1.0360	.036332	.9911	167.	22.	13.2
59ND	1.0134	.032185	.4166	132.	18.	13.6
ALLSIC	.9827	.010210	-1.6935	1868.	220.	11.8

AREA:RETAIL TITLE:ANNUAL PAYROLL -- OUTLIER ADJUSTMENT FACTOR=2.5 R-HAT=ZERO ADJ

SINGLE UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
52	.8491	.053215	-2.8351	39.	2.	5.1
53	.8427	.150625	-1.0444	21.	2.	9.5
54	1.0156	.042664	.3668	120.	9.	7.5
554	1.0009	.039060	.0227	173.	16.	9.2
55-554	.9496	.041472	-1.2148	111.	14.	12.6
56	.9906	.060596	-.1548	73.	9.	12.3
57	1.0255	.051907	.4921	69.	5.	7.2
58	.9672	.031709	-1.0349	379.	40.	10.6
591	1.0549	.091676	.5990	57.	5.	8.8
59D	1.0137	.046351	.2958	91.	11.	12.1
59ND	.9757	.046811	-.5201	88.	9.	10.2
ALLSIC	.9743	.015249	-1.6848	1221.	122.	10.0

MULTI UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
52	1.0962	.102745	.9366	36.	4.	11.1
53	.7533	.064773	-3.8094	30.	2.	6.7
54	1.1363	.108334	1.2584	88.	11.	12.5
554	1.0113	.100135	.1127	61.	13.	21.3
55-554	1.2133	.126676	1.6835	28.	8.	28.6
56	.8951	.072170	-1.4536	127.	16.	12.6
57	.9404	.109390	-.5450	44.	9.	20.5
58	.7865	.041698	-5.1190	85.	10.	11.8
591	.9752	.066959	-.3705	28.	5.	17.9
59D	1.1379	.121975	1.1302	76.	11.	14.5
59ND	1.1816	.160033	1.1346	44.	9.	20.5
ALLSIC	.9853	.029775	-.4929	647.	98.	15.1

SUMU UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
52	.9187	.050203	-1.6195	75.	6.	8.0
53	.7771	.061647	-3.6155	51.	4.	7.8
54	1.0570	.046749	1.2185	208.	20.	9.6
554	1.0024	.036457	.0672	234.	29.	12.4
55-554	.9786	.039374	-.5437	139.	22.	15.8
56	.9458	.046545	-1.1653	200.	25.	12.5
57	1.0056	.046975	.1182	113.	14.	12.4
58	.9400	.027673	-2.1669	464.	50.	10.8
591	1.0325	.068752	.4731	85.	10.	11.8
59D	1.0471	.047466	.9915	167.	22.	13.2
59ND	1.0212	.050817	.4163	132.	18.	13.6
ALLSIC	.9769	.013612	-1.6956	1868.	220.	11.8

AREA:RETAIL TITLE:ANNUAL PAYROLL -- OUTLIER ADJUSTMENT=7.5 (SPECIAL) R-HAT=ADMINISTRATIVE ADJ

SINGLE UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
52	.8929	.045325	-2.3634	39.	1.	2.6
53	.9180	.114567	-.7155	21.	1.	4.8
54	1.0266	.039828	.6669	120.	1.	.8
554	1.0002	.031715	.0055	173.	6.	3.5
55-554	.9819	.038829	-.4670	111.	2.	1.8
56	1.0017	.051042	.0334	73.	2.	2.7
57	1.1107	.113585	.9745	69.	2.	2.9
58	.9976	.030370	-.0793	379.	15.	4.0
591	1.0536	.074369	.7203	57.	1.	1.8
59D	1.0256	.038510	.6657	91.	4.	4.4
59ND	1.0513	.075010	.6837	88.	4.	4.5
ALLSIC	1.0052	.016139	.3243	1221.	39.	3.2

MULTI UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
52	1.1026	.095669	1.0725	36.	1.	2.8
53	.9054	.043592	-2.1712	30.	2.	6.7
54	1.0972	.067880	1.4312	88.	4.	4.5
554	1.0003	.070168	.1066	61.	3.	4.9
55-554	1.3046	.198009	1.9422	28.	2.	7.1
56	.9501	.060505	-.8244	127.	5.	3.9
57	.9645	.082575	-.4295	44.	1.	2.3
58	.8700	.032265	-4.0306	85.	1.	1.2
591	1.0017	.060373	.0288	28.	1.	3.6
59D	1.0483	.071137	.6794	76.	3.	3.9
59ND	1.1427	.119951	1.1900	44.	1.	2.3
ALLSIC	1.0214	.023838	.8988	647.	24.	3.7

SU+MU UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
52	.9589	.044358	-.9275	75.	2.	2.7
53	.9086	.043608	-2.0964	51.	3.	5.9
54	1.0568	.036845	1.5430	208.	5.	2.4
554	1.0014	.029414	.0481	234.	9.	3.8
55-554	1.0217	.039937	.5425	139.	4.	2.9
56	.9745	.040109	-.6365	200.	7.	3.5
57	1.0666	.083308	.7996	113.	3.	2.7
58	.9749	.025555	-.9842	464.	16.	3.4
591	1.0392	.056344	.6960	85.	2.	2.4
59D	1.0331	.034899	.9467	167.	7.	4.2
59ND	1.0900	.063208	1.4221	132.	5.	3.8
ALLSIC	1.0099	.013385	.7388	1868.	63.	3.4

AREA:RETAIL TITLE:ANNUAL PAYROLL -- OUTLIER ADJUSTMENT=7.5 (SPECIAL) R-HAT=ZERO ADJ

SINGLE UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
52	.8864	.047877	-2.3734	39.	1.	2.6
53	.8708	.167795	-.7225	21.	1.	4.8
54	1.0326	.049000	.6656	120.	1.	.8
554	1.0002	.040389	.0055	173.	6.	3.5
55-554	.9776	.047974	-.4668	111.	2.	1.8
56	1.0022	.066853	.0334	73.	2.	2.7
57	1.1181	.121414	.9730	69.	2.	2.9
58	.9968	.040963	-.0793	379.	15.	4.0
591	1.0685	.094387	.7260	57.	1.	1.8
59D	1.0307	.046227	.6645	91.	4.	4.4
59HD	1.0599	.087401	.6853	88.	4.	4.5
ALLSIC	1.0065	.020123	.3242	1221.	39.	3.2

MULTI UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
52	1.1275	.117299	1.0869	36.	1.	2.8
53	.8508	.065227	-2.2876	30.	2.	6.7
54	1.1722	.115324	1.4933	88.	4.	4.5
554	1.0108	.101037	.1065	61.	3.	4.9
55-554	1.4219	.219578	1.9213	28.	2.	7.1
56	.9187	.098779	-.8231	127.	5.	3.9
57	.9467	.124887	-.4266	44.	1.	2.3
58	.7850	.049370	-4.3545	85.	1.	1.2
591	1.0022	.075739	.0288	28.	1.	3.6
59D	1.0774	.114141	.6784	76.	3.	3.9
59HD	1.4315	.307039	1.4054	44.	1.	2.3
ALLSIC	1.0347	.038490	.9009	647.	24.	3.7

SU+RU UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
52	.9543	.049362	-.9268	75.	2.	2.7
53	.8583	.065421	-2.1667	51.	3.	5.9
54	1.0804	.051511	1.5609	208.	5.	2.4
554	1.0018	.037550	.0481	234.	9.	3.8
55-554	1.0264	.048721	.5424	139.	4.	2.9
56	.9630	.058026	-.6376	200.	7.	3.5
57	1.0779	.097404	.7997	113.	3.	2.7
58	.9649	.035614	-.9848	464.	16.	3.4
591	1.0499	.071317	.6996	85.	2.	2.4
59D	1.0433	.045704	.9467	167.	7.	4.2
59HD	1.1420	.095966	1.4798	132.	5.	3.8
ALLSIC	1.0132	.017865	.7388	1868.	63.	3.4

AREA:RETAIL TITLE:IQ PAYROLL -- NO OUTLIER ADJUSTMENT R-HAT=ADMINISTRATIVE ADJ

SINGLE UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
52	.8954	.072267	-1.4474	39.	0.	.0
53	1.0137	.096344	.1425	20.	0.	.0
54	1.0629	.060405	1.0412	118.	0.	.0
554	1.1013	.100420	1.0006	173.	0.	.0
55-554	.9709	.045202	-.4658	111.	0.	.0
56	2.3650	1.566185	.8715	73.	0.	.0
57	1.0749	.109964	.6810	69.	0.	.0
58	1.2290	.160022	1.4312	379.	0.	.0
591	.9990	.065451	-.0160	57.	0.	.0
59D	1.0751	.058464	1.2841	91.	0.	.0
59ND	1.7138	.732691	.9742	86.	0.	.0
ALLSIC	1.1998	.106082	1.8831	1216.	0.	.0

MULTI UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
52	1.0271	.094402	.2874	36.	0.	.0
53	.7929	.060653	-3.4146	30.	0.	.0
54	1.7221	.455881	1.5839	88.	0.	.0
554	1.3064	.395501	.7747	61.	0.	.0
55-554	3.8897	3.131368	.9228	28.	0.	.0
56	1.0350	.090430	.3867	127.	0.	.0
57	.9396	.057470	-1.0505	44.	0.	.0
58	.9385	.028334	-2.1706	85.	0.	.0
591	.9398	.071255	-.8454	28.	0.	.0
59D	2.1538	.093697	1.2911	76.	0.	.0
59ND	1.1190	.117381	1.0141	44.	0.	.0
ALLSIC	1.3369	.189548	1.7776	647.	0.	.0

SU+NU UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
52	.9356	.059247	-1.0864	75.	0.	.0
53	.8438	.051233	-3.0486	50.	0.	.0
54	1.3368	.192737	1.7475	206.	0.	.0
554	1.1321	.104143	1.2686	234.	0.	.0
55-554	1.2829	.332795	.8500	139.	0.	.0
56	1.6548	.731712	.8948	200.	0.	.0
57	1.0322	.076971	.4187	113.	0.	.0
58	1.1779	.131912	1.3489	464.	0.	.0
591	.9821	.050917	-.3515	85.	0.	.0
59D	1.4401	.305253	1.4418	167.	0.	.0
59ND	1.4711	.444504	1.0597	130.	0.	.0
ALLSIC	1.2395	.093190	2.5698	1863.	0.	.0

AREA:RETAIL TITLE:IQ PAYROLL -- NO OUTLIER ADJUSTMENT R-HAT=ZERO ADJ

SINGLE UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
52	.8024	.080242	-1.4653	39.	0.	.0
53	1.0221	.154057	.1431	20.	0.	.0
54	1.0066	.083959	1.0311	118.	0.	.0
554	1.1443	.142227	1.0144	173.	0.	.0
55-554	.9735	.056035	-.4657	111.	0.	.0
56	3.0983	2.405985	.8721	73.	0.	.0
57	1.0826	.121642	.6793	69.	0.	.0
58	1.3471	.242303	1.4325	379.	0.	.0
591	.9987	.082952	-.0160	57.	0.	.0
59D	1.0994	.077180	1.2077	91.	0.	.0
59ND	1.8895	.907174	.9005	86.	0.	.0
ALLSIC	1.2701	.143366	1.8840	1216.	0.	.0

MULTI UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
52	1.0334	.115542	.2894	36.	0.	.0
53	.6756	.090012	-3.6044	30.	0.	.0
54	2.2262	.773492	1.5853	88.	0.	.0
554	1.4027	.521398	.7724	61.	0.	.0
55-554	4.2092	3.452290	.9296	28.	0.	.0
56	1.0582	.151630	.3841	127.	0.	.0
57	.9055	.092392	-1.0232	44.	0.	.0
58	.8903	.046968	-2.3354	85.	0.	.0
591	.9247	.089229	-.8436	28.	0.	.0
59D	2.8442	1.394953	1.3220	76.	0.	.0
59ND	1.3468	.316933	1.0944	44.	0.	.0
ALLSIC	1.5492	.307496	1.7861	647.	0.	.0

SU+NU UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
52	.9256	.068264	-1.0892	75.	0.	.0
53	.7539	.078766	-3.1243	50.	0.	.0
54	1.5032	.287932	1.7477	206.	0.	.0
554	1.1858	.145857	1.2741	234.	0.	.0
55-554	1.3507	.412497	.8503	139.	0.	.0
56	2.0497	1.172873	.8950	200.	0.	.0
57	1.0392	.093751	.4182	113.	0.	.0
58	1.2770	.205252	1.3495	464.	0.	.0
591	.9774	.064362	-.3510	85.	0.	.0
59D	1.6186	.425941	1.4522	167.	0.	.0
59ND	1.7659	.705706	1.0853	130.	0.	.0
ALLSIC	1.3406	.132386	2.5730	1863.	0.	.0

AREA:RETAIL TITLE:IQ PAYROLL -- OUTLIER ADJUSTMENT=7.5 R-HAT=ADMINISTRATIVE ADJ

SINGLE UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
52	.8970	.071933	-1.4314	39.	1.	2.6
53	1.0150	.095695	.1565	20.	1.	5.0
54	1.0637	.060268	1.0571	118.	3.	2.5
554	1.0620	.067796	.9146	173.	6.	3.5
55-554	.9005	.044948	-.4338	111.	3.	2.7
56	1.0433	.077985	.5552	73.	1.	1.4
57	1.0756	.109843	.6886	69.	1.	1.4
58	1.0727	.051143	1.4211	379.	12.	3.2
591	.9931	.063406	-.1086	57.	2.	3.5
59D	1.0649	.053747	1.2080	91.	3.	3.3
59HD	1.1508	.162331	.9289	86.	4.	4.7
ALLSIC	1.0451	.024039	1.8744	1216.	37.	3.0

MULTI UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
52	1.0297	.094058	.3159	36.	1.	2.8
53	.7967	.059274	-3.4306	30.	1.	3.3
54	1.2421	.137077	1.7662	88.	4.	4.5
554	1.1154	.195632	.5900	61.	3.	4.9
55-554	1.5449	.340168	1.6019	28.	5.	17.9
56	1.0000	.074568	.0007	127.	4.	3.1
57	.9396	.057470	-1.0505	44.	1.	2.3
58	.9385	.028334	-2.1706	85.	0.	.0
591	.9403	.071255	-.8384	28.	1.	3.6
59D	1.3907	.249769	1.5644	76.	3.	3.9
59HD	1.1184	.116554	1.0154	44.	2.	4.5
ALLSIC	1.0753	.038669	1.9461	647.	25.	3.9

SU+MU UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
52	.9376	.059009	-1.0582	75.	2.	2.7
53	.8470	.050262	-3.0442	50.	2.	4.0
54	1.1378	.066938	2.0592	206.	7.	3.4
554	1.0700	.064722	1.0821	234.	9.	3.8
55-554	1.0394	.054046	.7296	139.	8.	5.8
56	1.0202	.053933	.3746	200.	5.	2.5
57	1.0327	.076890	.4258	113.	2.	1.8
58	1.0491	.042362	1.1587	464.	12.	2.6
591	.9781	.049595	-.4423	85.	3.	3.5
59D	1.1752	.092309	1.8977	167.	6.	3.6
59HD	1.1375	.107902	1.2747	130.	6.	4.6
ALLSIC	1.0538	.020419	2.6349	1863.	62.	3.3

AREA:RETAIL TITLE:IQ PAYROLL -- OUTLIER ADJUSTMENT=7.5 R-HAT=ZERO ADJ

SINGLE UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
52	.8043	.079878	-1.4490	39.	1.	2.6
53	1.0241	.152950	.1573	20.	1.	5.0
54	1.0877	.083782	1.0467	118.	3.	2.5
554	1.0883	.096172	.9183	173.	6.	3.5
55-554	.9755	.056519	-.4337	111.	3.	2.7
56	1.0666	.117655	.5562	73.	1.	1.4
57	1.0835	.121513	.6869	69.	1.	1.4
58	1.1101	.077397	1.4232	379.	12.	3.2
591	.9913	.080400	-.1086	57.	2.	3.5
59D	1.0860	.070916	1.2120	91.	3.	3.3
59ND	1.1879	.201217	.9338	86.	4.	4.7
ALLSIC	1.0609	.032498	1.8747	1216.	37.	3.0

MULTI UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
52	1.0366	.115045	.3183	36.	1.	2.8
53	.6814	.087445	-3.6429	30.	1.	3.3
54	1.4111	.226337	1.8165	88.	4.	4.5
554	1.1517	.250029	.5800	61.	3.	4.9
55-554	1.6052	.376062	1.6093	28.	5.	17.9
56	1.0001	.124197	.0007	127.	4.	3.1
57	.9055	.092392	-1.0232	44.	1.	2.3
58	.8903	.046968	-2.3354	85.	0.	.0
591	.9253	.089223	-.8368	28.	1.	3.6
59D	1.6245	.388415	1.6078	76.	3.	3.9
59ND	1.3448	.314535	1.0964	44.	2.	4.5
ALLSIC	1.1227	.062737	1.9552	647.	25.	3.9

SU-NU UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
52	.9279	.067993	-1.0608	75.	2.	2.7
53	.7589	.077038	-3.1294	50.	2.	4.0
54	1.2059	.099496	2.0699	206.	7.	3.4
554	1.0985	.090757	1.0855	234.	9.	3.8
55-554	1.0489	.067015	.7296	139.	8.	5.8
56	1.0324	.086665	.3737	200.	5.	2.5
57	1.0398	.093653	.4254	113.	2.	1.8
58	1.0764	.065926	1.1590	464.	12.	2.6
591	.9723	.062709	-.4415	85.	3.	3.5
59D	1.2462	.128603	1.9145	167.	6.	3.6
59ND	1.2236	.170736	1.3098	130.	6.	4.6
ALLSIC	1.0765	.029021	2.6368	1863.	62.	3.3

AREA:RETAIL TITLE:IQ PAYROLL -- OUTLIER ADJUSTMENT=5.0 R-HAT=ADMINISTRATIVE ADJ

SINGLE UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
52	.8987	.071623	-1.4148	39.	1.	2.6
53	1.0191	.093627	.2041	20.	1.	5.0
54	1.0632	.059959	1.0544	118.	4.	3.4
554	1.0378	.047120	.8032	173.	8.	4.6
55-554	.9824	.044793	-.3935	111.	3.	2.7
56	1.0221	.059238	.3722	73.	1.	1.4
57	1.0650	.090578	.6594	69.	3.	4.3
58	1.0330	.037454	.8801	379.	18.	4.7
591	.9872	.062171	-.2062	57.	2.	3.5
59D	1.0476	.047489	1.0015	91.	7.	7.7
59HD	1.0824	.109320	.7534	86.	5.	5.8
ALLSIC	1.0239	.019171	1.2488	1216.	53.	4.4

MULTI UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
52	1.0318	.093009	.3394	36.	1.	2.8
53	.8015	.057704	-3.4360	30.	2.	6.7
54	1.2111	.124116	1.7007	88.	4.	4.5
554	1.0543	.134971	.4026	61.	5.	8.2
55-554	1.3924	.230920	1.6994	28.	5.	17.9
56	.9497	.057871	-.8690	127.	6.	4.7
57	.9413	.056885	-1.0325	44.	3.	6.8
58	.9385	.028334	-2.1706	85.	0.	.0
591	.9408	.071254	-.8302	28.	1.	3.6
59D	1.2506	.164713	1.5213	76.	4.	5.3
59HD	1.0893	.087666	1.0190	44.	2.	4.5
ALLSIC	1.0408	.030593	1.3347	647.	33.	5.1

SUMU UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
52	.9393	.050794	-1.0317	75.	2.	2.7
53	.8516	.049061	-3.0242	50.	3.	6.0
54	1.1247	.062320	2.0003	206.	8.	3.9
554	1.0403	.044901	.8981	234.	13.	5.6
55-554	1.0252	.047032	.5355	139.	8.	5.8
56	.9834	.041469	-.3998	200.	7.	3.5
57	1.0260	.069346	.3746	113.	6.	5.3
58	1.0164	.031198	.5241	464.	18.	3.9
591	.9740	.048806	-.5330	85.	3.	3.5
59D	1.1163	.064486	1.8029	167.	11.	6.6
59HD	1.0852	.073794	1.1547	130.	7.	5.4
ALLSIC	1.0288	.016249	1.7744	1863.	86.	4.6

AREA:RETAIL TITLE:1Q PAYROLL -- OUTLIER ADJUSTMENT=5.0 R-HAT=ZERO ADJ

SINGLE UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
52	.8861	.079541	-1.4320	39.	1.	2.6
53	1.0307	.149416	.2054	20.	1.	5.0
54	1.0870	.083344	1.0441	118.	4.	3.4
554	1.0339	.066990	.8047	173.	8.	4.6
55-554	.9778	.056325	-.3934	111.	3.	2.7
56	1.0339	.090920	.3728	73.	1.	1.4
57	1.0717	.109068	.6576	69.	3.	4.3
58	1.0500	.056760	.8802	379.	18.	4.7
591	.9838	.070869	-.2060	57.	2.	3.5
59D	1.0630	.062611	1.0056	91.	7.	7.7
59ND	1.1026	.135001	.7557	66.	5.	5.8
ALLSIC	1.0324	.025931	1.2484	1216.	53.	4.4

MULTI UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
52	1.0392	.114675	.3422	36.	1.	2.8
53	.6890	.084720	-3.6714	30.	2.	6.7
54	1.3585	.204048	1.7568	88.	4.	4.5
554	1.0714	.177944	.4014	61.	5.	8.2
55-554	1.4358	.255478	1.7058	28.	5.	17.9
56	.9162	.094466	-.8866	127.	6.	4.7
57	.9080	.091403	-1.0063	44.	3.	6.8
58	.8903	.046968	-2.3354	85.	0.	.0
591	.9261	.089216	-.8286	28.	1.	3.6
59D	1.4005	.256881	1.5591	76.	4.	5.3
59ND	1.2603	.236906	1.0988	44.	2.	4.5
ALLSIC	1.0666	.049739	1.3382	647.	33.	5.1

SUBU UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
52	.9299	.067748	-1.0342	75.	2.	2.7
53	.7662	.074945	-3.1192	50.	3.	6.0
54	1.1863	.092549	2.0125	206.	8.	3.9
554	1.0567	.063089	.8991	234.	13.	5.6
55-554	1.0312	.058311	.5356	139.	8.	5.8
56	.9734	.066299	-.4009	200.	7.	3.5
57	1.0316	.084465	.3742	113.	6.	5.3
58	1.0255	.048586	.5239	464.	18.	3.9
591	.9672	.061726	-.5319	85.	3.	3.5
59D	1.1634	.089884	1.8179	167.	11.	6.6
59ND	1.1385	.117659	1.1774	130.	7.	5.4
ALLSIC	1.0410	.023112	1.7743	1863.	86.	4.6

AREA:RETAIL TITLE:IQ PAYROLL -- OUTLIER ADJUSTMENT FACTOR=2.5 R-HAT=ADMINISTRATIVE ADJ

SINGLE UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
52	.9074	.067315	-1.3752	39.	2.	5.1
53	1.0134	.079070	.1692	20.	3.	15.0
54	1.0538	.057609	.9331	118.	9.	7.6
554	1.0161	.028768	.5586	173.	15.	8.7
55-554	.9874	.039509	-.3180	111.	12.	10.8
56	.9984	.030586	-.0414	73.	7.	9.6
57	1.0073	.054921	.1332	69.	5.	7.2
58	.9787	.021709	-.9821	379.	38.	10.0
591	.9900	.059064	-.1687	57.	4.	7.0
59D	1.0168	.034843	.4828	91.	11.	12.1
59ND	.9862	.050254	-.2755	66.	6.	9.3
ALLSIC	.9933	.013294	-.5023	1216.	114.	9.4

MULTI UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
52	1.0150	.080132	.1869	36.	6.	16.7
53	.8185	.053625	-3.3846	30.	2.	6.7
54	1.0761	.065301	1.1648	88.	12.	13.6
554	.9723	.075904	-.3643	61.	9.	14.8
55-554	1.1952	.123865	1.5758	28.	8.	28.6
56	.8910	.042648	-2.5561	127.	19.	15.0
57	.9360	.044954	-1.4237	44.	7.	15.9
58	.9413	.026449	-2.2196	85.	5.	5.9
591	.9339	.060349	-1.0961	28.	4.	14.3
59D	1.0805	.080113	1.0049	76.	10.	13.2
59ND	1.0401	.053694	.7472	44.	9.	20.5
ALLSIC	.9808	.018458	-1.0386	647.	91.	14.1

SU+MU UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
52	.9403	.053909	-1.1078	75.	8.	10.7
53	.8634	.045032	-3.0328	50.	5.	10.0
54	1.0630	.043279	1.4563	206.	21.	10.2
554	1.0095	.026928	.3528	234.	24.	10.3
55-554	1.0091	.037774	.2416	139.	20.	14.4
56	.9410	.029088	-2.0268	200.	26.	13.0
57	.9848	.039644	-.3828	113.	12.	10.6
58	.9721	.018450	-1.5119	464.	43.	9.3
591	.9740	.045551	-.5700	85.	8.	9.4
59D	1.0384	.035755	1.0732	167.	21.	12.6
59ND	1.0082	.036434	.2246	130.	17.	13.1
ALLSIC	.9897	.010843	-.9494	1863.	205.	11.0

AREA:RETAIL TITLE:IQ PAYROLL -- OUTLIER ADJUSTMENT FACTOR=2.5 R-HAT=ZERO ADJ

SINGLE UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
52	.8959	.074758	-1.3919	39.	2.	5.1
53	1.0215	.126545	.1698	20.	3.	15.0
54	1.0740	.079996	.9250	118.	9.	7.6
554	1.0229	.041016	.5581	173.	15.	8.7
55-554	.9042	.049679	-.3179	111.	12.	10.8
56	.9975	.059333	-.0414	73.	7.	9.6
57	1.0081	.060656	.1331	69.	5.	7.2
58	.9677	.032030	-.9842	379.	38.	10.0
591	.9874	.074917	-.1686	57.	4.	7.0
59D	1.0223	.046012	.4840	91.	11.	12.1
59ND	.9827	.062637	-.2754	86.	8.	9.3
ALLSIC	.9910	.017967	-.5025	1216.	114.	9.4

MULTI UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
52	1.0185	.098326	.1877	36.	6.	16.7
53	.7157	.077006	-3.6924	30.	2.	6.7
54	1.1292	.109176	1.1832	88.	12.	13.6
554	.9637	.099316	-.3659	61.	9.	14.8
55-554	1.2168	.136808	1.5836	28.	8.	28.6
56	.8184	.066075	-2.7478	127.	19.	15.0
57	.8998	.073590	-1.3620	44.	7.	15.9
58	.8953	.043981	-2.3808	85.	5.	5.9
591	.9173	.075942	-1.0885	28.	4.	14.3
59D	1.1287	.126381	1.0181	76.	10.	13.2
59ND	1.1169	.152062	.7688	44.	9.	20.5
ALLSIC	.9688	.030009	-1.0413	647.	91.	14.1

SU+MU UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
52	.9310	.062066	-1.1115	75.	8.	10.7
53	.7848	.067609	-3.1827	50.	5.	10.0
54	1.0942	.064828	1.4526	206.	21.	10.2
554	1.0134	.037904	.3526	234.	24.	10.3
55-554	1.0113	.046830	.2417	139.	20.	14.4
56	.9055	.045906	-2.0589	200.	26.	13.0
57	.9815	.048157	-.3835	113.	12.	10.6
58	.9566	.028588	-1.5189	464.	43.	9.3
591	.9672	.057640	-.5685	85.	8.	9.4
59D	1.0539	.050010	1.0784	167.	21.	12.6
59ND	1.0133	.059271	.2244	130.	17.	13.1
ALLSIC	.9854	.015408	-.9503	1863.	205.	11.0

AREA:RETAIL TITLE:1Q PAYROLL -- OUTLIER ADJUSTMENT=7.5 (SPECIAL) R-HAT=ADMINISTRATIVE ADJ

SINGLE UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
52	.9183	.069800	-1.1706	39.	1.	2.6
53	1.0687	.081447	.8435	20.	1.	5.0
54	1.0770	.059126	1.3023	118.	3.	2.5
554	1.0033	.029098	.1124	173.	6.	3.5
55-554	1.0048	.044455	.1090	111.	3.	2.7
56	.9881	.042567	-.2804	73.	1.	1.4
57	1.0884	.108874	.8116	69.	1.	1.4
58	1.0060	.033873	.1779	379.	12.	3.2
591	.9846	.061455	-.2501	57.	2.	3.5
59D	1.0423	.045241	.9349	91.	3.	3.3
59ND	1.0617	.080539	.7664	86.	4.	4.7
ALLSIC	1.0175	.017597	.9970	1216.	37.	3.0

MULTI UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
52	1.0574	.093304	.6155	36.	1.	2.8
53	.8307	.054205	-3.1226	30.	1.	3.3
54	1.1890	.107544	1.7577	88.	4.	4.5
554	.9847	.079105	-.1929	61.	3.	4.9
55-554	1.2665	.095500	2.7905	28.	5.	17.9
56	.8735	.043633	-2.8987	127.	4.	3.1
57	.9396	.057470	-1.0505	44.	1.	2.3
58	.9385	.028334	-2.1706	85.	0.	.0
591	.9479	.071243	-.7317	28.	1.	3.6
59D	1.0396	.065534	.6046	76.	3.	3.9
59ND	1.0488	.060670	.8039	44.	2.	4.5
ALLSIC	1.0030	.022962	.1296	647.	25.	3.9

SU+MU UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
52	.9608	.057709	-.6795	75.	2.	2.7
53	.8856	.045759	-2.5000	50.	2.	4.0
54	1.1236	.056514	2.1863	206.	7.	3.4
554	1.0005	.027410	.0177	234.	9.	3.8
55-554	1.0322	.041201	.7807	139.	8.	5.8
56	.9269	.030606	-2.3885	200.	5.	2.5
57	1.0415	.076226	.5438	113.	2.	1.8
58	.9942	.028305	-.2067	464.	12.	2.6
591	.9742	.048359	-.5343	85.	3.	3.5
59D	1.0414	.037239	1.1114	167.	6.	3.6
59ND	1.0564	.053925	1.0466	130.	6.	4.6
ALLSIC	1.0133	.014155	.9414	1863.	62.	3.3

AREA:RETAIL TITLE:IQ PAYROLL -- OUTLIER ADJUSTMENT=7.5 (SPECIAL) R-HAT=ZERO ADJ

SINGLE UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
52	.9002	.077661	-1.1826	39.	1.	2.6
53	1.1104	.127947	.8625	20.	1.	5.0
54	1.1060	.082368	1.2868	118.	3.	2.5
554	1.0047	.041478	.1123	173.	6.	3.5
55-554	1.0061	.055866	.1090	111.	3.	2.7
56	.9816	.065532	-.2800	73.	1.	1.4
57	1.0975	.120500	.8091	69.	1.	1.4
58	1.0091	.051345	.1779	379.	12.	3.2
591	.9805	.077977	-.2498	57.	2.	3.5
59D	1.0560	.059686	.9300	91.	3.	3.3
59ND	1.0769	.100170	.7678	86.	4.	4.7
ALLSIC	1.0237	.023807	.9964	1216.	37.	3.0

MULTI UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
52	1.0708	.113383	.6242	36.	1.	2.8
53	.7348	.076790	-3.4529	30.	1.	3.3
54	1.3210	.173549	1.8498	88.	4.	4.5
554	.9799	.103774	-.1933	61.	3.	4.9
55-554	1.2960	.105449	2.8066	28.	5.	17.9
56	.7893	.067368	-3.1269	127.	4.	3.1
57	.9055	.092392	-1.0232	44.	1.	2.3
58	.8903	.046968	-2.3354	85.	0.	.0
591	.9349	.089141	-.7308	28.	1.	3.6
59D	1.0633	.104845	.6040	76.	3.	3.9
59ND	1.1421	.166126	.8554	44.	2.	4.5
ALLSIC	1.0049	.037419	.1297	647.	25.	3.9

SU+MU UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
52	.9547	.066543	-.6807	75.	2.	2.7
53	.8198	.068635	-2.6261	50.	2.	4.0
54	1.1846	.083520	2.2103	206.	7.	3.4
554	1.0007	.038560	.0177	234.	9.	3.8
55-554	1.0399	.051019	.7817	139.	8.	5.8
56	.8828	.048247	-2.4291	200.	5.	2.5
57	1.0504	.092869	.5431	113.	2.	1.8
58	.9909	.044046	-.2067	464.	12.	2.6
591	.9674	.061157	-.5333	85.	3.	3.5
59D	1.0582	.052287	1.1125	167.	6.	3.6
59ND	1.0918	.086170	1.0649	130.	6.	4.6
ALLSIC	1.0190	.020136	.9413	1863.	62.	3.3

AREA:RETAIL TITLE:IQ EMPLOYMENT -- NO OUTLIER ADJUSTMENT R-HAT=ADMINISTRATIVE ADJ

SINGLE UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
52	.9597	.082723	-.4067	38.	0.	.0
53	.8401	.159207	-1.0043	21.	0.	.0
54	1.2103	.066365	3.1695	118.	0.	.0
554	1.1046	.065582	1.5954	173.	0.	.0
55-554	1.0975	.062083	1.5707	111.	0.	.0
56	1.5680	.706303	.8041	73.	0.	.0
57	1.1461	.091505	1.5970	69.	0.	.0
58	1.7205	.431861	1.6684	379.	0.	.0
591	1.0146	.137153	.1062	57.	0.	.0
59D	1.0114	.058915	.1938	91.	0.	.0
59ND	1.3119	.295967	1.0537	88.	0.	.0
ALLSIC	1.3976	.189725	2.0955	1210.	0.	.0

MULTI UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
52	1.4019	.208195	1.9302	36.	0.	.0
53	.8652	.074512	-1.8094	30.	0.	.0
54	1.4952	.423972	1.1679	88.	0.	.0
554	2.6833	.976616	1.7236	61.	0.	.0
55-554	4.4485	3.316659	1.0397	28.	0.	.0
56	1.1549	.095663	1.6189	127.	0.	.0
57	1.0326	.069968	.4666	44.	0.	.0
58	1.1926	.084399	2.2820	85.	0.	.0
591	.9134	.062882	-1.3772	28.	0.	.0
59D	2.5787	.981717	1.6081	76.	0.	.0
59ND	1.0936	.100793	.9282	44.	0.	.0
ALLSIC	1.4249	.145121	2.9278	647.	0.	.0

SU+MU UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
52	1.0891	.089902	.9905	74.	0.	.0
53	.8577	.070880	-2.0079	51.	0.	.0
54	1.3052	.148101	2.0610	206.	0.	.0
554	1.2952	.134679	2.1919	234.	0.	.0
55-554	1.4200	.322193	1.3035	139.	0.	.0
56	1.3519	.340537	1.0335	200.	0.	.0
57	1.1142	.068362	1.6703	113.	0.	.0
58	1.6376	.364156	1.7509	464.	0.	.0
591	.9902	.105303	-.0930	85.	0.	.0
59D	1.5169	.323359	1.5984	167.	0.	.0
59ND	1.2321	.194445	1.1937	132.	0.	.0
ALLSIC	1.4045	.146175	2.7674	1865.	0.	.0

AREA:RETAIL TITLE:IQ EMPLOYMENT -- NO OUTLIER ADJUSTMENT R-HAT=ZERO ADJ

SINGLE UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
52	.9563	.089540	-.4877	38.	0.	.0
53	.7948	.199146	-1.0302	21.	0.	.0
54	1.2089	.092404	3.1268	118.	0.	.0
554	1.1394	.080056	1.5027	173.	0.	.0
55-554	1.1283	.080371	1.5962	111.	0.	.0
56	1.7903	.901813	.0050	73.	0.	.0
57	1.1547	.097067	1.5940	69.	0.	.0
58	2.0511	.630170	1.6679	379.	0.	.0
591	1.0181	.170555	.1061	57.	0.	.0
59D	1.0157	.080608	.1945	91.	0.	.0
59ND	1.3671	.347432	1.0565	88.	0.	.0
ALLSIC	1.5364	.255897	2.0961	1218.	0.	.0

MULTI UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
52	1.5249	.253964	2.0667	36.	0.	.0
53	.8031	.105483	-1.8668	30.	0.	.0
54	1.8178	.706805	1.1570	88.	0.	.0
554	3.3500	1.353687	1.7360	61.	0.	.0
55-554	5.0574	3.856449	1.0521	28.	0.	.0
56	1.2647	.165921	1.5954	127.	0.	.0
57	1.0509	.109186	.4666	44.	0.	.0
58	1.3360	.146080	2.3001	85.	0.	.0
591	.8876	.078443	-1.4334	28.	0.	.0
59D	3.9867	1.741965	1.7145	76.	0.	.0
59ND	1.2501	.257557	.9710	44.	0.	.0
ALLSIC	1.7043	.239708	2.9382	647.	0.	.0

SU+MU UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
52	1.1016	.102399	.9925	74.	0.	.0
53	.8004	.096417	-2.0703	51.	0.	.0
54	1.4442	.216968	2.0473	206.	0.	.0
554	1.3954	.181545	2.1779	234.	0.	.0
55-554	1.5463	.418264	1.3061	139.	0.	.0
56	1.5424	.524647	1.0339	200.	0.	.0
57	1.1329	.079838	1.6650	113.	0.	.0
58	1.9547	.545380	1.7505	464.	0.	.0
591	.9877	.132195	-.0930	85.	0.	.0
59D	1.7785	.478198	1.6281	167.	0.	.0
59ND	1.3434	.282439	1.2159	132.	0.	.0
ALLSIC	1.5729	.206924	2.7687	1865.	0.	.0

AREA:RETAIL TITLE:IQ EMPLOYMENT -- OUTLIER ADJUSTMENT=7.5 R-MAT=ADMINISTRATIVE ADJ

SINGLE UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
52	.9597	.082723	-.4867	30.	0.	.0
53	.0564	.148020	-.9649	21.	1.	4.8
54	1.2106	.066370	3.1727	118.	2.	1.7
554	1.1021	.064706	1.5782	173.	5.	2.9
55-554	1.0979	.061998	1.5795	111.	1.	.9
56	1.0127	.091513	.1385	73.	2.	2.7
57	1.1461	.091505	1.5970	69.	0.	.0
58	1.1918	.061984	3.0937	379.	15.	4.0
591	1.0146	.137153	.1062	57.	0.	.0
590	1.0119	.058935	.2011	91.	1.	1.1
590D	1.2962	.281706	1.0513	88.	3.	3.4
ALLSIC	1.1417	.033730	4.2011	1218.	30.	2.5

MULTI UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
52	1.4019	.208195	1.9302	36.	0.	.0
53	.8679	.075448	-1.7513	30.	1.	3.3
54	1.0323	.083302	.3878	88.	2.	2.3
554	1.3906	.223847	1.7450	61.	4.	6.6
55-554	1.8458	.368681	2.2940	28.	3.	10.7
56	1.1235	.084154	1.4673	127.	3.	2.4
57	1.0354	.069207	.5117	44.	2.	4.5
58	1.1775	.071890	2.4696	85.	1.	1.2
591	.9145	.062910	-1.3585	28.	1.	3.6
590	1.5729	.283813	2.0186	76.	5.	6.6
590D	1.0944	.100953	.9348	44.	1.	2.3
ALLSIC	1.1558	.038756	4.0194	647.	23.	3.6

SU+MU UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
52	1.0891	.089902	.9905	74.	0.	.0
53	.8644	.069192	-1.9592	51.	2.	3.9
54	1.1512	.051776	2.9198	206.	4.	1.9
554	1.1369	.063845	2.1450	234.	9.	3.8
55-554	1.1699	.066562	2.5523	139.	4.	2.9
56	1.0706	.062157	1.1362	200.	5.	2.5
57	1.1150	.068307	1.6830	113.	2.	1.8
58	1.1895	.053443	3.5463	464.	16.	3.4
591	.9905	.105303	-.0904	85.	1.	1.2
590	1.1928	.103422	1.8641	167.	6.	3.6
590D	1.2225	.185430	1.1998	132.	4.	3.0
ALLSIC	1.1453	.027010	5.3788	1865.	53.	2.8

AREA:RETAIL TITLE:IQ EMPLOYMENT -- OUTLIER ADJUSTMENT=7.5 R-HAT=ZERO ADJ

SINGLE UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
52	.9563	.009540	-.4877	38.	0.	.0
53	.8157	.106339	-.9888	21.	1.	4.8
54	1.2892	.092415	3.1299	110.	2.	1.7
554	1.1360	.006869	1.5658	173.	5.	2.9
55-554	1.1288	.000251	1.6053	111.	1.	.9
56	1.0176	.127510	.1383	73.	2.	2.7
57	1.1547	.097067	1.5940	69.	0.	.0
58	1.2797	.090271	3.0988	379.	15.	4.0
591	1.0181	.170555	.1061	57.	0.	.0
59D	1.0163	.000626	.2018	91.	1.	1.1
59ND	1.3487	.330808	1.0540	88.	3.	3.4
ALLSIC	1.1912	.045417	4.2095	1218.	30.	2.5

MULTI UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
52	1.5249	.253964	2.0667	36.	0.	.0
53	.8070	.106595	-1.8105	30.	1.	3.3
54	1.0534	.138292	.3858	88.	2.	2.3
554	1.5453	.311189	1.7525	61.	4.	6.6
55-554	1.9951	.426986	2.3305	28.	3.	10.7
56	1.2110	.145802	1.4475	127.	3.	2.4
57	1.0553	.108016	.5116	44.	2.	4.5
58	1.3097	.124407	2.4897	85.	1.	1.2
591	.8890	.078503	-1.4135	28.	1.	3.6
59D	2.0838	.504732	2.1474	76.	5.	6.6
59ND	1.2522	.257418	.9799	44.	1.	2.3
ALLSIC	1.2582	.064193	4.0226	647.	23.	3.6

SUMU UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
52	1.1016	.102399	.9925	74.	0.	.0
53	.8099	.094035	-2.0220	51.	2.	3.9
54	1.2200	.076470	2.8769	206.	4.	1.9
554	1.1834	.086336	2.1245	234.	9.	3.8
55-554	1.2210	.085061	2.5980	139.	4.	2.9
56	1.1088	.096669	1.1260	200.	5.	2.5
57	1.1338	.079777	1.6776	113.	2.	1.8
58	1.2838	.079902	3.5515	464.	16.	3.4
591	.9880	.132197	-.0904	85.	1.	1.2
59D	1.2904	.152539	1.9037	167.	6.	3.6
59ND	1.3292	.269330	1.2222	132.	4.	3.0
ALLSIC	1.2058	.038191	5.3877	1865.	53.	2.8

AREA:RETAIL TITLE:IQ EMPLOYMENT -- OUTLIER ADJUSTMENT=5.0 R-HAT=ADMINISTRATIVE ADJ

SINGLE UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
52	.9517	.079804	-.6043	38.	1.	2.6
53	.8671	.142332	-.9336	21.	1.	4.8
54	1.2107	.066374	3.1751	118.	2.	1.7
554	1.0902	.060508	1.4900	173.	6.	3.5
55-554	1.0996	.061685	1.6143	111.	2.	1.8
56	.9881	.070599	-.1688	73.	3.	4.1
57	1.1233	.079513	1.5512	69.	3.	4.3
58	1.1670	.056746	2.9423	379.	18.	4.7
591	1.0146	.137153	.1062	57.	0.	.0
59D	1.0025	.054395	.0452	91.	2.	2.2
59ND	1.1784	.104206	.9683	88.	6.	6.8
ALLSIC	1.1210	.029459	4.1070	1218.	44.	3.6

MULTI UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
52	1.3462	.180779	1.9152	36.	1.	2.8
53	.8696	.076106	-1.7128	30.	1.	3.3
54	1.0045	.069141	.0651	88.	5.	5.7
554	1.2862	.149171	1.9189	61.	4.	6.6
55-554	1.6312	.248049	2.5447	28.	4.	14.3
56	1.0056	.077646	1.1020	127.	6.	4.7
57	1.0390	.068342	.5714	44.	2.	4.5
58	1.1570	.057568	2.7274	85.	1.	1.2
591	.9153	.062931	-1.3453	28.	1.	3.6
59D	1.3646	.180937	2.0152	76.	6.	7.9
59ND	1.0952	.101118	.9412	44.	1.	2.3
ALLSIC	1.1145	.030978	3.6952	647.	32.	4.9

SU+MU UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
52	1.0671	.082516	.8133	74.	2.	2.7
53	.8609	.068258	-1.9208	51.	2.	3.9
54	1.1420	.049302	2.8808	206.	7.	3.4
554	1.1138	.056747	2.0059	234.	10.	4.3
55-554	1.1507	.060920	2.4743	139.	6.	4.3
56	1.0391	.052940	.7379	200.	9.	4.5
57	1.0996	.060119	1.6569	113.	5.	4.4
58	1.1654	.048672	3.3982	464.	19.	4.1
591	.9907	.105303	-.0885	85.	1.	1.2
59D	1.1193	.071622	1.6650	167.	8.	4.8
59ND	1.1480	.123812	1.1952	132.	7.	5.3
ALLSIC	1.1193	.023333	5.1142	1865.	76.	4.1

AREA:RETAIL TITLE:IQ EMPLOYMENT -- OUTLIER ADJUSTMENT=5.0 R-HAT=ZERO ADJ

SINGLE UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
52	.9476	.006427	-.6058	38.	1.	2.6
53	.8295	.170388	-.9558	21.	1.	4.8
54	1.2895	.092423	3.1322	118.	2.	1.7
554	1.1201	.061197	1.4790	173.	6.	3.5
55-554	1.1310	.079804	1.6416	111.	2.	1.8
56	.9834	.098007	-.1692	73.	3.	4.1
57	1.1306	.084317	1.5489	69.	3.	4.3
58	1.2436	.082710	2.9448	379.	18.	4.7
591	1.0181	.170555	.1061	57.	0.	.0
59D	1.0034	.074648	.0452	91.	2.	2.2
59ND	1.2099	.216378	.9703	88.	6.	6.8
ALLSIC	1.1632	.039690	4.1128	1218.	44.	3.6

MULTI UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
52	1.4522	.220374	2.0521	36.	1.	2.8
53	.8096	.107400	-1.7727	30.	1.	3.3
54	1.0074	.114294	.0651	88.	5.	5.7
554	1.3996	.207789	1.9232	61.	4.	6.6
55-554	1.7427	.286406	2.5931	28.	4.	14.3
56	1.1463	.133969	1.0917	127.	6.	4.7
57	1.0609	.106693	.5711	44.	2.	4.5
58	1.2739	.099686	2.7478	85.	1.	1.2
591	.8901	.078550	-1.3995	28.	1.	3.6
59D	1.6898	.323488	2.1323	76.	6.	7.9
59ND	1.2544	.257288	.9887	44.	1.	2.3
ALLSIC	1.1898	.051463	3.6872	647.	32.	4.9

SU+MU UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
52	1.0766	.094052	.8144	74.	2.	2.7
53	.8161	.092727	-1.9832	51.	2.	3.9
54	1.2067	.072803	2.8389	206.	7.	3.4
554	1.1525	.076715	1.9874	234.	10.	4.3
55-554	1.1961	.077702	2.5235	139.	6.	4.3
56	1.0602	.082124	.7331	200.	9.	4.5
57	1.1160	.070174	1.6525	113.	5.	4.4
58	1.2477	.072830	3.4004	464.	19.	4.1
591	.9883	.132198	-.0886	85.	1.	1.2
59D	1.1796	.106201	1.6914	167.	8.	4.8
59ND	1.2189	.180167	1.2152	132.	7.	5.3
ALLSIC	1.1690	.033018	5.1186	1865.	76.	4.1

AREA:RETAIL TITLE:IQ EMPLOYMENT -- OUTLIER ADJUSTMENT FACTOR=2.5 R-HAT=ADMINISTRATIVE ADJ

SINGLE UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
52	.9366	.071204	-.8898	38.	2.	5.3
53	.8993	.125063	-.8054	21.	1.	4.8
54	1.2000	.064792	3.0986	118.	7.	5.9
554	1.0501	.048351	1.0356	173.	27.	15.6
55-554	1.0017	.048373	1.6885	111.	4.	3.6
56	.9602	.052478	-.6059	73.	6.	8.2
57	1.0890	.063362	1.4051	69.	5.	7.2
58	1.1068	.044510	2.3997	379.	43.	11.3
591	.9901	.104056	-.0955	57.	4.	7.0
59D	.9818	.040695	-.4469	91.	12.	13.2
59ND	1.0165	.078239	.2111	88.	8.	9.1
ALLSIC	1.0757	.022446	3.3707	1218.	119.	9.8

MULTI UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
52	1.2193	.128130	1.7117	36.	7.	19.4
53	.8758	.075256	-1.6504	30.	3.	10.0
54	.9779	.052010	-.4247	88.	10.	11.4
554	1.1775	.083448	2.1273	61.	11.	18.0
55-554	1.2601	.105593	2.4630	28.	8.	28.6
56	1.0037	.050966	.0725	127.	14.	11.0
57	1.0094	.044340	.2130	44.	5.	11.4
58	1.1083	.040402	2.6799	85.	7.	8.2
591	.9179	.062999	-1.3033	28.	2.	7.1
59D	1.1546	.082394	1.8764	76.	12.	15.8
59ND	1.0426	.064170	.6646	44.	10.	22.7
ALLSIC	1.0453	.020959	2.1599	647.	89.	13.8

SUMU UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
52	1.0193	.066708	.2889	74.	9.	12.2
53	.8828	.064627	-1.8133	51.	4.	7.8
54	1.1265	.045899	2.7563	206.	17.	8.3
554	1.0655	.044073	1.4852	234.	38.	16.2
55-554	1.0988	.045076	2.1929	139.	12.	8.6
56	.9868	.036638	-.3613	200.	20.	10.0
57	1.0666	.047072	1.4154	113.	10.	8.8
58	1.1070	.038052	2.8130	464.	50.	10.8
591	.9727	.080464	-.3394	85.	6.	7.1
59D	1.0375	.039630	.9472	167.	24.	14.4
59ND	1.0261	.054692	.4765	132.	18.	13.6
ALLSIC	1.0679	.017552	3.8697	1865.	208.	11.2

AREA:RETAIL TITLE:IQ EMPLOYMENT -- OUTLIER ADJUSTMENT FACTOR=2.5 R-HAT=ZERO ADJ

SINGLE UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
52	.9312	.077054	-.8928	38.	2.	5.3
53	.0708	.157361	-.8213	21.	1.	4.8
54	1.2750	.090162	3.0587	118.	7.	5.9
554	1.0667	.064866	1.0282	173.	27.	15.6
55-554	1.1075	.062358	1.7233	111.	4.	3.6
56	.9558	.072283	-.6121	73.	6.	8.2
57	1.0943	.067142	1.4040	69.	5.	7.2
58	1.1558	.065098	2.3935	379.	43.	11.3
591	.9876	.129264	-.0956	57.	4.	7.0
59D	.9750	.055989	-.4460	91.	12.	13.2
59ND	1.0194	.092077	.2111	88.	8.	9.1
ALLSIC	1.1021	.030306	3.3682	1218.	119.	9.8

MULTI UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
52	1.2865	.150298	1.8097	36.	7.	19.4
53	.8186	.105470	-1.7200	30.	3.	10.0
54	.9635	.085379	-.4273	88.	10.	11.4
554	1.2478	.117458	2.1100	61.	11.	18.0
55-554	1.3060	.119904	2.5503	28.	8.	28.6
56	1.0063	.087216	.0724	127.	14.	11.0
57	1.0147	.069310	.2126	44.	5.	11.4
58	1.1889	.070811	2.6675	85.	7.	8.2
591	.8934	.078699	-1.3546	28.	2.	7.1
59D	1.2925	.150511	1.9432	76.	12.	15.8
59ND	1.1140	.168106	.6781	44.	10.	22.7
ALLSIC	1.0750	.034998	2.1441	647.	89.	13.8

SU+MU UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
52	1.0220	.076127	.2889	74.	9.	12.2
53	.8356	.087571	-1.8769	51.	4.	7.8
54	1.1841	.067675	2.7204	206.	17.	8.3
554	1.0877	.059600	1.4711	234.	38.	16.2
55-554	1.1286	.057298	2.2441	139.	12.	8.6
56	.9796	.056215	-.3629	200.	20.	10.0
57	1.0776	.054929	1.4121	113.	10.	8.8
58	1.1603	.057158	2.8040	464.	50.	10.8
591	.9657	.100855	-.3401	85.	6.	7.1
59D	1.0565	.059465	.9508	167.	24.	14.4
59ND	1.0386	.080759	.4774	132.	18.	13.6
ALLSIC	1.0962	.024900	3.8634	1865.	208.	11.2

AREA:RETAIL TITLE:IQ EMPLOYMENT -- OUTLIER ADJUSTMENT=7.5 (SPECIAL) R-HAT=ADMINISTRATIVE ADJ

SINGLE UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
52	.9597	.082723	-.4867	38.	0.	.0
53	.9957	.105716	-.0403	21.	1.	4.8
54	1.2128	.066424	3.2043	118.	2.	1.7
554	1.0977	.062747	1.5567	173.	5.	2.9
55-554	1.1112	.060670	1.8337	111.	1.	.9
56	.9711	.040964	-.5908	73.	2.	2.7
57	1.1461	.091505	1.5970	69.	0.	.0
58	1.1539	.054165	2.8408	379.	15.	4.0
591	1.0146	.137153	.1062	57.	0.	.0
59D	1.0150	.059095	.2540	91.	1.	1.1
59ND	1.0331	.093460	.3537	88.	3.	3.4
ALLSIC	1.1128	.027155	4.1541	1218.	30.	2.5

MULTI UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
52	1.4019	.208195	1.9302	36.	0.	.0
53	.8910	.086102	-1.2657	30.	1.	3.3
54	.9551	.059842	-.7508	88.	2.	2.3
554	1.1394	.076974	1.8114	61.	4.	6.6
55-554	1.4572	.184024	2.4843	28.	3.	10.7
56	1.0940	.077876	1.2068	127.	3.	2.4
57	1.0827	.067969	1.2161	44.	2.	4.5
58	1.1242	.047916	2.5911	85.	1.	1.2
591	.9249	.063192	-1.1880	28.	1.	3.6
59D	1.0309	.055039	.5533	76.	5.	6.6
59ND	1.1048	.103591	1.0121	44.	1.	2.3
ALLSIC	1.0764	.026985	2.8303	647.	23.	3.6

SU+NU UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
52	1.0891	.089902	.9905	74.	0.	.0
53	.9223	.069227	-1.1221	51.	2.	3.9
54	1.1270	.047774	2.6574	206.	4.	1.9
554	1.1027	.056053	1.8325	234.	9.	3.8
55-554	1.1445	.057035	2.4991	139.	4.	2.9
56	1.0354	.047123	.7502	200.	5.	2.5
57	1.1283	.068323	1.8773	113.	2.	1.8
58	1.1492	.046250	3.2260	464.	16.	3.4
591	.9930	.105305	-.0666	85.	1.	1.2
59D	1.0201	.044061	.4569	167.	6.	3.6
59ND	1.0593	.069563	.8522	132.	4.	3.0
ALLSIC	1.1035	.021370	4.8446	1865.	53.	2.8

AREA:RETAIL TITLE:IQ EMPLOYMENT -- OUTLIER ADJUSTMENT=7.5 (SPECIAL) R-HAT=ZERO ADJ

SINGLE UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
52	.9563	.089540	-.4877	30.	0.	.0
53	.9945	.135507	-.0403	21.	1.	4.8
54	1.2924	.092520	3.1601	110.	2.	1.7
554	1.1301	.084204	1.5451	173.	5.	2.9
55-554	1.1464	.078275	1.8699	111.	1.	.9
56	.9598	.067480	-.5965	73.	2.	2.7
57	1.1547	.097067	1.5940	69.	0.	.0
58	1.2245	.078828	2.8475	379.	15.	4.0
591	1.0101	.170555	.1061	57.	0.	.0
59D	1.0206	.080766	.2552	91.	1.	1.1
59HD	1.0389	.110100	.3534	88.	3.	3.4
ALLSIC	1.1522	.036565	4.1623	1218.	30.	2.5

MULTI UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
52	1.5249	.253964	2.0667	36.	0.	.0
53	.8408	.120905	-1.3165	30.	1.	3.3
54	.9258	.097793	-.7588	88.	2.	2.3
554	1.1947	.108322	1.7970	61.	4.	6.6
55-554	1.5379	.213386	2.5207	28.	3.	10.7
56	1.1606	.134555	1.1938	127.	3.	2.4
57	1.1290	.106786	1.2078	44.	2.	4.5
58	1.2166	.083450	2.5956	85.	1.	1.2
591	.9025	.079136	-1.2317	28.	1.	3.6
59D	1.0584	.106265	.5500	76.	5.	6.6
59HD	1.2802	.256543	1.0924	44.	1.	2.3
ALLSIC	1.1266	.045003	2.8132	647.	23.	3.6

SUMU UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
52	1.1016	.102399	.9925	74.	0.	.0
53	.8911	.094959	-1.1473	51.	2.	3.9
54	1.1847	.070448	2.6225	206.	4.	1.9
554	1.1376	.075693	1.8176	234.	9.	3.8
55-554	1.1880	.073619	2.5539	139.	4.	2.9
56	1.0545	.073134	.7450	200.	5.	2.5
57	1.1493	.079851	1.8700	113.	2.	1.8
58	1.2234	.069116	3.2323	464.	16.	3.4
591	.9912	.132213	-.0666	85.	1.	1.2
59D	1.0303	.066119	.4586	167.	6.	3.6
59HD	1.0877	.102577	.8550	132.	4.	3.0
ALLSIC	1.1466	.030238	4.8491	1865.	53.	2.8

AREA:SERVICES TITLE:SALES-RECEIPTS -- NO OUTLIER ADJUSTMENT R-HAT=ADMINISTRATIVE ADJ

SINGLE UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
4722	3.3210	.775017	2.9917	27.	0.	.0
70	.9493	.031712	-1.5983	118.	0.	.0
72	.9686	.032352	-.9696	130.	0.	.0
73	1.3800	.109989	3.4547	204.	0.	.0
75	1.0572	.236524	.2419	36.	0.	.0
76	.8358	.073246	-2.2421	21.	0.	.0
78	.9615	.107196	-.2055	35.	0.	.0
79	1.8934	.965670	.9251	103.	0.	.0
80	1.0126	.021860	.5773	267.	0.	.0
81	.9969	.047294	-.0663	113.	0.	.0
82	.9916	.005342	-.0990	38.	0.	.0
83	1.1617	.165784	.9756	54.	0.	.0
86	1.2435	.141838	1.7167	60.	0.	.0
891239	1.0680	.077859	.8737	74.	0.	.0
ALLSIC	1.1726	.075607	2.2829	1200.	0.	.0

MULTI UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
4722	1.5399	.241882	2.2321	13.	0.	.0
70	1.0656	.152466	.4300	14.	0.	.0
72	1.3844	.354572	1.0841	64.	0.	.0
73	1.3976	.226354	1.7566	53.	0.	.0
75	.8937	.136689	-.7780	26.	0.	.0
76	.7990	.126346	-1.5911	7.	0.	.0
78	.8915	.184193	-.5890	20.	0.	.0
79	.8452	.200950	-.7705	9.	0.	.0
80	1.2676	.124604	2.1479	15.	0.	.0
81	3.2583	2.361185	.9564	7.	0.	.0
82	1.0011	.215616	.0053	7.	0.	.0
83	1.1700	.190715	.8913	28.	0.	.0
86	1.1746	.157974	1.1054	14.	0.	.0
891239	1.7065	.633520	1.1153	10.	0.	.0
ALLSIC	1.2427	.087531	2.7725	287.	0.	.0

SU+MU UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
4722	2.8781	.587164	3.1905	40.	0.	.0
70	.9773	.042997	-.5281	132.	0.	.0
72	1.1120	.124131	.9021	194.	0.	.0
73	1.3851	.101890	3.7792	257.	0.	.0
75	1.0281	.195934	.1436	62.	0.	.0
76	.8274	.063390	-2.7222	28.	0.	.0
78	.9352	.135740	-.4770	55.	0.	.0
79	1.7007	.793023	.8836	112.	0.	.0
80	1.0468	.026657	1.7560	282.	0.	.0
81	1.0904	.100028	.9036	120.	0.	.0
82	.9936	.081080	-.0794	45.	0.	.0
83	1.1644	.128023	1.2842	82.	0.	.0
86	1.2305	.116864	1.9395	74.	0.	.0
891239	1.2285	.156670	1.4585	84.	0.	.0
ALLSIC	1.1879	.062071	3.0276	1567.	0.	.0

AREA:SERVICES TITLE:SALES-RECEIPTS -- NO OUTLIER ADJUSTMENT R-HAT=ZERO ADJ

SINGLE UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
4722	3.9063	.891092	3.2615	27.	0.	.0
70	.9240	.046875	-1.6034	118.	0.	.0
72	.9606	.040350	-.9765	130.	0.	.0
73	1.5411	.154870	3.4938	204.	0.	.0
75	1.0643	.266275	.2415	36.	0.	.0
76	.8287	.075092	-2.2808	21.	0.	.0
78	.9464	.260323	-.2060	35.	0.	.0
79	2.1280	1.220917	.9239	103.	0.	.0
80	1.0159	.027532	.5773	267.	0.	.0
81	.9964	.054998	-.0663	113.	0.	.0
82	.9902	.099274	-.0989	38.	0.	.0
83	1.1987	.202424	.9814	54.	0.	.0
86	1.3084	.176277	1.7495	60.	0.	.0
891239	1.0821	.094057	.8725	74.	0.	.0
ALLSIC	1.2187	.095827	2.2819	1280.	0.	.0

MULTI UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
4722	2.3843	.569964	2.4287	13.	0.	.0
70	1.1367	.326460	.4187	14.	0.	.0
72	1.7635	.712264	1.0719	64.	0.	.0
73	1.8139	.439106	1.8536	53.	0.	.0
75	.8827	.148510	-.7898	26.	0.	.0
76	.4487	.326727	-1.6875	7.	0.	.0
78	.8567	.239502	-.5905	20.	0.	.0
79	.8071	.205443	-.9390	9.	0.	.0
80	1.3246	.130481	2.4876	15.	0.	.0
81	5.3793	2.464701	1.7768	7.	0.	.0
82	1.0019	.356488	.0053	7.	0.	.0
83	1.4881	.482835	1.0109	28.	0.	.0
86	1.3255	.283595	1.1478	14.	0.	.0
891239	3.0899	1.121642	1.8633	10.	0.	.0
ALLSIC	1.4218	.149330	2.8245	287.	0.	.0

SU+MU UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
4722	3.6945	.777767	3.4644	40.	0.	.0
70	.9638	.068641	-.5272	132.	0.	.0
72	1.1611	.179009	.8998	194.	0.	.0
73	1.6010	.155065	3.8757	257.	0.	.0
75	1.0315	.219653	.1434	62.	0.	.0
76	.7907	.075243	-2.7823	28.	0.	.0
78	.9116	.184370	-.4797	55.	0.	.0
79	1.8826	1.004836	.8783	112.	0.	.0
80	1.0587	.032929	1.7814	282.	0.	.0
81	1.1069	.117128	.9126	120.	0.	.0
82	.9920	.100618	-.0793	45.	0.	.0
83	1.2477	.188992	1.3108	82.	0.	.0
86	1.3107	.157111	1.9777	74.	0.	.0
891239	1.3239	.201300	1.6090	84.	0.	.0
ALLSIC	1.2531	.083479	3.0317	1567.	0.	.0

AREA:SERVICES TITLE:SALES-RECEIPTS -- OUTLIER ADJUSTMENT=7.5 R-HAT=ADMINISTRATIVE ADJ

SINGLE UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
4722	2.5781	.517813	3.0476	27.	5.	18.5
70	.9501	.031500	-1.5001	110.	2.	1.7
72	.9690	.032305	-.9610	130.	1.	.8
73	1.3121	.079294	3.9360	204.	6.	2.9
75	1.0577	.236525	.2440	36.	1.	2.8
76	.8358	.073246	-2.2421	21.	0.	.0
78	.9645	.186387	-.1903	35.	2.	5.7
79	1.0666	.126417	.5265	103.	4.	3.9
80	1.0127	.021057	.5022	267.	1.	.4
81	.9969	.047294	-.0663	113.	0.	.0
82	.9916	.005342	-.0990	38.	0.	.0
83	1.1634	.165636	.9864	54.	1.	1.9
86	1.2449	.141039	1.7264	60.	2.	3.3
891239	1.0600	.077059	.8737	74.	0.	.0
ALLSIC	1.0947	.032698	2.8972	1280.	25.	2.0

MULTI UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
4722	1.5399	.241082	2.2321	13.	0.	.0
70	1.0656	.152466	.4300	14.	0.	.0
72	1.1158	.133688	.8659	64.	3.	4.7
73	1.2994	.172739	1.7330	53.	2.	3.8
75	.8959	.136097	-.7651	26.	2.	7.7
76	.8003	.124978	-1.5975	7.	1.	14.3
78	.8967	.103050	-.5644	20.	2.	10.0
79	.8452	.200950	-.7705	9.	0.	.0
80	1.2202	.143362	1.5359	15.	2.	13.3
81	2.4563	1.408238	.9706	7.	1.	14.3
82	1.0011	.215616	.0053	7.	0.	.0
83	1.1700	.190715	.8913	28.	0.	.0
86	1.1746	.157974	1.1054	14.	0.	.0
891239	1.7065	.633520	1.1153	10.	0.	.0
ALLSIC	1.1764	.069251	2.5474	287.	13.	4.5

SUMU UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
4722	2.3199	.394262	3.3477	40.	5.	12.5
70	.9779	.042947	-.5149	132.	2.	1.5
72	1.0196	.050738	.3857	194.	4.	2.1
73	1.3084	.075246	4.0990	257.	8.	3.1
75	1.0289	.195922	.1477	62.	3.	4.8
76	.8278	.063255	-2.7231	28.	1.	3.6
78	.9391	.135091	-.4511	55.	4.	7.3
79	1.0259	.113631	.2277	112.	4.	3.6
80	1.0405	.028124	1.4415	282.	3.	1.1
81	1.0572	.072022	.7945	120.	1.	.8
82	.9936	.081080	-.0794	45.	0.	.0
83	1.1655	.127935	1.2938	82.	1.	1.2
86	1.2317	.118863	1.9490	74.	2.	2.7
891239	1.2285	.156670	1.4585	84.	0.	.0
ALLSIC	1.1126	.029644	3.7982	1567.	38.	2.4

AREA:SERVICES TITLE:SALES-RECEIPTS -- OUTLIER ADJUSTMENT=7.5 R-WAT=ZERO ADJ

SINGLE UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
4722	2.9760	.616431	3.2056	27.	5.	18.5
70	.9260	.046608	-1.5849	118.	2.	1.7
72	.9610	.040293	-.9679	130.	1.	.8
73	1.4444	.111013	4.0034	209.	6.	2.9
75	1.0649	.266201	.2436	36.	1.	2.8
76	.8287	.075092	-2.2808	21.	0.	.0
78	.9506	.259257	-.1907	35.	2.	5.7
79	1.0040	.159696	.5263	103.	4.	3.9
80	1.0160	.027529	.5023	267.	1.	.4
81	.9964	.054998	-.0663	113.	0.	.0
82	.9902	.099274	-.0989	38.	0.	.0
83	1.2007	.202232	.9923	54.	1.	1.9
86	1.3101	.176267	1.7595	60.	2.	3.3
891239	1.0821	.094057	.8725	74.	0.	.0
ALLSIC	1.1200	.041457	2.8948	1280.	25.	2.0

MULTI UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
4722	2.3843	.569964	2.4287	13.	0.	.0
70	1.1367	.326460	.4187	14.	0.	.0
72	1.2299	.268903	.8550	64.	3.	4.7
73	1.6128	.335843	1.0246	53.	2.	3.8
75	.8851	.147979	-.7761	26.	2.	7.7
76	.4524	.323065	-1.6949	7.	1.	14.3
78	.8635	.238119	-.5733	20.	2.	10.0
79	.8071	.205443	-.9390	9.	0.	.0
80	1.2670	.157498	1.6955	15.	2.	13.3
81	3.8241	1.522114	1.8554	7.	1.	14.3
82	1.0019	.356488	.0053	7.	0.	.0
83	1.4881	.482835	1.0109	28.	0.	.0
86	1.3255	.203595	1.1478	14.	0.	.0
891239	3.0899	1.121642	1.8633	10.	0.	.0
ALLSIC	1.3066	.117671	2.6056	287.	13.	4.5

SUMU UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
4722	2.8936	.538076	3.5193	40.	5.	12.5
70	.9648	.068557	-.5140	132.	2.	1.5
72	1.0281	.073127	.3849	194.	4.	2.1
73	1.4814	.114014	4.2222	257.	8.	3.1
75	1.0324	.219645	.1475	62.	3.	4.8
76	.7910	.075078	-2.7833	28.	1.	3.6
78	.9168	.183546	-.4535	55.	4.	7.3
79	1.0326	.143751	.2267	112.	4.	3.6
80	1.0508	.034842	1.4581	282.	3.	1.1
81	1.0677	.084557	.8003	120.	1.	.8
82	.9920	.100618	-.0793	45.	0.	.0
83	1.2494	.188835	1.3208	82.	1.	1.2
86	1.3122	.157103	1.9874	74.	2.	2.7
891239	1.3239	.201300	1.6090	84.	0.	.0
ALLSIC	1.1516	.039765	3.8132	1567.	38.	2.4

AREA:SERVICES TITLE:SALES-RECEIPTS -- OUTLIER ADJUSTMENT=5.0 P-HAT=ADMINISTRATIVE ADJ

SINGLE UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
4722	2.1493	.36[illegible]738	3.1511	27.	8.	29.6
70	.9519	.031066	-1.5489	118.	4.	3.4
72	.9694	.03[illegible]248	-.9496	130.	1.	.8
73	1.2643	.06[illegible]086	4.0614	204.	15.	7.4
75	1.0503	.23[illegible]454	.2507	36.	2.	5.6
76	.8358	.073246	-2.2421	21.	0.	.0
78	.9688	.181657	-.1689	35.	2.	5.7
79	1.0290	.09[illegible]456	.3102	103.	6.	5.8
80	1.0128	.021855	.5868	267.	1.	.4
81	.9969	.047894	-.0663	113.	0.	.0
82	.9916	.085342	-.0990	38.	0.	.0
83	1.1176	.125301	.9312	54.	3.	5.6
86	1.2304	.131513	1.7519	60.	3.	5.0
891239	1.0672	.077238	.8704	74.	1.	1.4
ALLSIC	1.0766	.030461	2.5148	1280.	46.	3.6

MULTI UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
4722	1.5399	.241002	2.2321	13.	0.	.0
70	1.0663	.153170	.4355	14.	1.	7.1
72	1.0410	.087162	.4705	64.	5.	7.8
73	1.1829	.113270	1.6149	53.	2.	3.8
75	.9021	.134281	-.7291	26.	5.	19.2
76	.8145	.115516	-1.6061	7.	2.	28.6
78	.9078	.180634	-.4994	20.	4.	20.0
79	.8452	.200950	-.7705	9.	0.	.0
80	1.1409	.139426	1.0800	15.	2.	13.3
81	1.9401	.928362	1.0126	7.	1.	14.3
82	1.0067	.211329	.0319	7.	1.	14.3
83	1.1722	.190625	.9036	28.	1.	3.6
86	1.1746	.157974	1.1054	14.	0.	.0
891239	1.6140	.579231	1.0601	10.	1.	10.0
ALLSIC	1.1212	.056309	2.1517	287.	25.	8.7

SUMU UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
4722	1.9978	.280935	3.5516	40.	8.	20.0
70	.9794	.042679	-.4824	132.	5.	3.8
72	.9941	.036740	-.1613	194.	6.	3.1
73	1.2409	.056677	4.2504	257.	17.	6.6
75	1.0313	.195026	.1599	62.	7.	11.3
76	.8309	.062359	-2.7109	28.	2.	7.1
78	.9467	.133714	-.3990	55.	6.	10.9
79	.9952	.088966	-.0539	112.	6.	5.4
80	1.0300	.026499	1.1317	282.	3.	1.1
81	1.0359	.057077	.6284	120.	1.	.8
82	.9967	.080526	-.0654	45.	1.	2.2
83	1.1353	.105370	1.2837	82.	4.	4.9
86	1.2199	.110775	1.9852	74.	3.	4.1
891239	1.2047	.145277	1.4088	84.	2.	2.4
ALLSIC	1.0863	.026766	3.2861	1567.	71.	4.5

AREA:SERVICES TITLE:SALES-RECEIPTS -- OUTLIER ADJUSTMENT=5.0 R-HAT=ZERO ADJ

SINGLE UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
4722	2.4391	.435951	3.3011	27.	8.	29.6
70	.9286	.045951	-1.5529	118.	4.	3.4
72	.9615	.040224	-.9564	130.	1.	.8
73	1.3764	.070744	4.1481	204.	15.	7.4
75	1.0666	.266214	.2502	36.	2.	5.6
76	.8287	.075092	-2.2008	21.	0.	.0
78	.9565	.256920	-.1693	35.	2.	5.7
79	1.0366	.118025	.3102	103.	6.	5.8
80	1.0162	.027526	.5869	267.	1.	.4
81	.9964	.054998	-.0663	113.	0.	.0
82	.9902	.099274	-.0989	38.	0.	.0
83	1.1445	.154596	.9344	54.	3.	5.6
86	1.2918	.163455	1.7852	60.	3.	5.0
891239	1.0811	.093306	.8692	74.	1.	1.4
ALLSIC	1.0970	.038622	2.5127	1280.	46.	3.6

MULTI UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
4722	2.3843	.569964	2.4287	13.	0.	.0
70	1.1382	.325948	.4239	14.	1.	7.1
72	1.0814	.174486	.4668	64.	5.	7.8
73	1.3744	.221866	1.6877	53.	2.	3.8
75	.8920	.146153	-.7388	26.	5.	19.2
76	.4912	.270448	-1.7050	7.	2.	28.6
78	.8808	.235406	-.5063	20.	4.	20.0
79	.8071	.205443	-.9390	9.	0.	.0
80	1.1708	.144792	1.1798	15.	2.	13.3
81	2.8230	.923150	1.9747	7.	1.	14.3
82	1.0111	.348845	.0319	7.	1.	14.3
83	1.4946	.481909	1.0263	28.	1.	3.6
86	1.3255	.283595	1.1478	14.	0.	.0
891239	2.8164	.878344	2.0219	10.	1.	10.0
ALLSIC	1.2106	.095653	2.2015	287.	25.	8.7

SUMU UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
4722	2.4315	.383690	3.7308	40.	8.	20.0
70	.9672	.068125	-.4816	132.	5.	3.8
72	.9915	.052796	-.1615	194.	6.	3.1
73	1.3760	.085954	4.3742	257.	17.	6.6
75	1.0351	.219553	.1598	62.	7.	11.3
76	.7949	.074005	-2.7713	28.	2.	7.1
78	.9271	.181788	-.4009	55.	6.	10.9
79	.9940	.111922	-.0539	112.	6.	5.4
80	1.0376	.032886	1.1428	282.	3.	1.1
81	1.0424	.067221	.6311	120.	1.	.8
82	.9935	.099915	-.0654	45.	1.	2.2
83	1.2038	.155392	1.3117	82.	4.	4.9
86	1.2964	.146400	2.0245	74.	3.	4.1
891239	1.2901	.185546	1.5635	84.	2.	2.4
ALLSIC	1.1163	.035934	3.2361	1567.	71.	4.5

AREA:SERVICES TITLE:SALES-RECEIPTS -- OUTLIER ADJUSTMENT FACTOR=2.5 R-HAT=ADMINISTRATIVE ADJ

SINGLE UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
4722	1.4794	.144007	3.3291	27.	10.	37.0
70	.9627	.020623	-1.3019	118.	9.	7.6
72	.9657	.026997	-1.2697	130.	8.	6.2
73	1.1377	.036849	3.7367	204.	30.	14.7
75	.9478	.112721	-.4635	36.	4.	11.1
76	.8437	.071774	-2.1778	21.	3.	14.3
78	.8924	.085151	-1.2639	35.	8.	22.9
79	.9730	.050681	-.5333	103.	13.	12.6
80	1.0078	.018548	.4193	267.	10.	3.7
81	.9770	.031481	-.7319	113.	5.	4.4
82	.9802	.073069	-.2712	38.	3.	7.9
83	1.0373	.076633	.4863	54.	6.	11.1
86	1.1265	.000744	1.5666	60.	10.	16.7
891239	1.0262	.051662	.5072	74.	3.	4.1
ALLSIC	1.0178	.016178	1.1032	1280.	122.	9.5

MULTI UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
4722	1.2591	.102212	2.5349	13.	4.	30.8
70	1.0317	.110005	.2879	14.	3.	21.4
72	.9749	.047893	-.5233	64.	9.	14.1
73	1.0588	.059102	.9948	53.	8.	15.1
75	.9361	.117171	-.5450	26.	10.	38.5
76	.8612	.086982	-1.5955	7.	2.	28.6
78	.8900	.124446	-.8841	20.	5.	25.0
79	.8452	.200950	-.7705	9.	0.	.0
80	1.0628	.125222	.5014	15.	3.	20.0
81	1.3805	.362592	1.0495	7.	2.	28.6
82	1.0291	.194788	.1494	7.	1.	14.3
83	1.0814	.094844	.8583	28.	4.	14.3
86	1.1383	.117962	1.1721	14.	2.	14.3
891239	1.2963	.311593	.9508	10.	2.	20.0
ALLSIC	1.0373	.036485	1.0224	287.	55.	19.2

SU+MU UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
4722	1.4246	.111175	3.8194	40.	14.	35.0
70	.9793	.033711	-.6133	132.	12.	9.1
72	.9689	.024198	-1.2853	194.	17.	8.8
73	1.1150	.031284	3.6752	257.	38.	14.8
75	.9457	.094985	-.5718	62.	14.	22.6
76	.8477	.058947	-2.5843	28.	5.	17.9
78	.8915	.070787	-1.5331	55.	13.	23.6
79	.9495	.059730	-.8458	112.	13.	11.6
80	1.0152	.023578	.6427	282.	13.	4.6
81	.9936	.032983	-.1926	120.	7.	5.8
82	.9904	.070134	-.1365	45.	4.	8.9
83	1.0515	.060253	.8552	82.	10.	12.2
86	1.1287	.069229	1.8592	74.	12.	16.2
891239	1.0941	.081880	1.1490	84.	5.	6.0
ALLSIC	1.0221	.014931	1.4804	1567.	177.	11.3

AREA:SERVICES TITLE:SALES-RECEIPTS -- OUTLIER ADJUSTMENT FACTOR=2.5 R-HAT=ZERO ADJ

SINGLE UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
4722	1.6003	.170645	3.5178	27.	10.	37.0
70	.9447	.042383	-1.3038	118.	9.	7.6
72	.9569	.033568	-1.2828	130.	8.	6.2
73	1.1961	.051260	3.8250	204.	30.	14.7
75	.9413	.126034	-.4659	36.	4.	11.1
76	.8370	.073844	-2.2076	21.	3.	14.3
78	.8499	.116100	-1.2925	35.	8.	22.9
79	.9659	.064021	-.5331	103.	13.	12.6
80	1.0098	.023362	.4194	267.	10.	3.7
81	.9732	.036551	-.7332	113.	5.	4.4
82	.9770	.085001	-.2711	38.	3.	7.9
83	1.0458	.094099	.4864	54.	6.	11.1
86	1.1602	.101306	1.5814	60.	10.	16.7
891239	1.0316	.062358	.5070	74.	3.	4.1
ALLSIC	1.0226	.020511	1.1024	1280.	122.	9.5

MULTI UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
4722	1.6643	.283275	2.3450	13.	4.	30.8
70	1.0660	.233355	.2830	14.	3.	21.4
72	.9502	.094177	-.5285	64.	9.	14.1
73	1.1204	.118568	1.0151	53.	8.	15.1
75	.9296	.128096	-.5498	26.	10.	38.5
76	.6194	.224071	-1.6926	7.	2.	28.6
78	.8546	.160091	-.9081	20.	5.	25.0
79	.8071	.205443	-.9390	9.	0.	.0
80	1.0761	.144916	.5254	15.	3.	20.0
81	1.7379	.369700	1.9960	7.	2.	28.6
82	1.0481	.319143	.1508	7.	1.	14.3
83	1.2337	.242672	.9632	28.	4.	14.3
86	1.2577	.212669	1.2119	14.	2.	14.3
891239	1.8764	.484435	1.8091	10.	2.	20.0
ALLSIC	1.0648	.062865	1.0313	287.	55.	19.2

SUMU UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
4722	1.6092	.151836	4.0122	40.	14.	35.0
70	.9671	.053778	-.6127	132.	12.	9.1
72	.9553	.034465	-1.2980	194.	17.	8.8
73	1.1794	.047745	3.7585	257.	38.	14.8
75	.9392	.105818	-.5749	62.	14.	22.6
76	.8152	.070200	-2.6327	28.	5.	17.9
78	.8518	.094376	-1.5707	55.	13.	23.6
79	.9364	.073280	-.8683	112.	13.	11.6
80	1.0190	.029361	.6467	282.	13.	4.6
81	.9925	.039030	-.1924	120.	7.	5.8
82	.9881	.087087	-.1363	45.	4.	8.9
83	1.0776	.089841	.8642	82.	10.	12.2
86	1.1735	.092280	1.8798	74.	12.	16.2
891239	1.1334	.106682	1.2500	84.	5.	6.0
ALLSIC	1.0298	.020088	1.4818	1567.	177.	11.3

AREA:SERVICES TITLE:SALES-RECEIPTS -- OUTLIER ADJUSTMENT=7.5 (SPECIAL) R-HAT=ADMINISTRATIVE ADJ

SINGLE UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
4722	1.7266	.370689	1.9603	27.	5.	18.5
70	.9623	.030977	-1.2157	118.	2.	1.7
72	.9744	.032023	-.7979	130.	1.	.8
73	1.2356	.059839	3.9370	204.	6.	2.9
75	1.0635	.236543	.2684	36.	1.	2.8
76	.8358	.073246	-2.2421	21.	0.	.0
78	1.0200	.160018	.1189	35.	2.	5.7
79	.9702	.060631	-.3590	103.	4.	3.9
80	1.0140	.021841	.6419	267.	1.	.4
81	.9969	.047299	-.0663	113.	0.	.0
82	.9916	.085342	-.0990	38.	0.	.0
83	1.1839	.165319	1.1126	54.	1.	1.9
86	1.2546	.141046	1.7951	60.	2.	3.3
891239	1.0680	.077059	.8737	74.	0.	.0
ALLSIC	1.0699	.030112	2.3202	1200.	25.	2.0

MULTI UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
4722	1.5399	.241082	2.2321	13.	0.	.0
70	1.0656	.152466	.4300	14.	0.	.0
72	.9256	.040021	-1.8228	64.	3.	4.7
73	.9966	.049434	-.0684	53.	2.	3.8
75	.9337	.131193	-.5054	26.	2.	7.7
76	.9216	.012355	-6.3421	7.	1.	14.3
78	1.0013	.176281	.0074	20.	2.	10.0
79	.8452	.200950	-.7705	9.	0.	.0
80	1.0139	.127763	.1090	15.	2.	13.3
81	1.1141	.130520	.8739	7.	1.	14.3
82	1.0011	.215616	.0053	7.	0.	.0
83	1.1700	.190715	.8913	28.	0.	.0
86	1.1746	.157974	1.1054	14.	0.	.0
891239	1.7065	.633520	1.1153	10.	0.	.0
ALLSIC	1.0537	.049333	1.0879	287.	13.	4.5

SUMM UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
4722	1.6802	.285006	2.3866	40.	5.	12.5
70	.9872	.042783	-.2995	132.	2.	1.5
72	.9576	.025273	-1.6775	194.	4.	2.1
73	1.1668	.044950	3.7103	257.	8.	3.1
75	1.0404	.195840	.2063	62.	3.	4.8
76	.8552	.056900	-2.5444	28.	1.	3.6
78	1.0130	.124048	.1045	55.	4.	7.3
79	.9538	.065783	-.7027	112.	4.	3.6
80	1.0140	.025516	.5489	282.	3.	1.1
81	1.0017	.045621	.0375	120.	1.	.8
82	.9936	.081080	-.0794	45.	0.	.0
83	1.1794	.127747	1.4045	82.	1.	1.2
86	1.2396	.118860	2.0157	74.	2.	2.7
891239	1.2285	.156670	1.4585	84.	0.	.0
ALLSIC	1.0663	.025893	2.5614	1567.	38.	2.4

AREA:SERVICES TITLE:SALES-RECEIPTS -- OUTLIER ADJUSTMENT=7.5 (SPECIAL) R-HAT=ZERO ADJ

SINGLE UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
4722	1.9099	.465260	1.9556	27.	5.	18.5
70	.9442	.045911	-1.2163	118.	2.	1.7
72	.9679	.039981	-.8028	130.	1.	.8
73	1.3355	.083177	4.0332	204.	6.	2.9
75	1.0713	.266351	.2679	36.	1.	2.8
76	.8207	.075092	-2.2808	21.	0.	.0
78	1.0279	.234506	.1187	35.	2.	5.7
79	.9725	.076576	-.3589	103.	4.	3.9
80	1.0177	.027508	.6420	267.	1.	.4
81	.9964	.054998	-.0663	113.	0.	.0
82	.9902	.099274	-.0989	38.	0.	.0
83	1.2259	.201723	1.1199	54.	1.	1.9
86	1.3225	.176199	1.8303	60.	2.	3.3
891239	1.0821	.094057	.8725	74.	0.	.0
ALLSIC	1.0085	.038172	2.3187	1280.	25.	2.0

MULTI UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
4722	2.3843	.569964	2.4287	13.	0.	.0
70	1.1367	.326460	.4187	14.	0.	.0
72	.8522	.079135	-1.8674	64.	3.	4.7
73	.9931	.101176	-.0684	53.	2.	3.8
75	.9269	.144033	-.5077	26.	2.	7.7
76	.7051	.001304	-164.7703	7.	1.	14.3
78	1.0017	.232973	.0074	20.	2.	10.0
79	.8071	.205443	-.9390	9.	0.	.0
80	1.0169	.153349	.1101	15.	2.	13.3
81	1.2212	.252747	.8752	7.	1.	14.3
82	1.0019	.356488	.0053	7.	0.	.0
83	1.4881	.482035	1.0109	28.	0.	.0
86	1.3255	.203595	1.1478	14.	0.	.0
891239	3.0899	1.121642	1.8633	10.	0.	.0
ALLSIC	1.0933	.084826	1.0996	287.	13.	4.5

SUMU UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
4722	1.9759	.408335	2.3899	40.	5.	12.5
70	.9796	.068243	-.2993	132.	2.	1.5
72	.9390	.035921	-1.6977	194.	4.	2.1
73	1.2603	.069402	3.7507	257.	8.	3.1
75	1.0453	.219623	.2061	62.	3.	4.8
76	.8244	.067541	-2.6005	28.	1.	3.6
78	1.0177	.169670	.1044	55.	4.	7.3
79	.9418	.081226	-.7168	112.	4.	3.6
80	1.0176	.031816	.5517	282.	3.	1.1
81	1.0020	.053955	.0375	120.	1.	.8
82	.9920	.100618	-.0793	45.	0.	.0
83	1.2704	.188269	1.4360	82.	1.	1.2
86	1.3229	.157047	2.0561	74.	2.	2.7
891239	1.3239	.201300	1.6090	84.	0.	.0
ALLSIC	1.0893	.034810	2.5659	1567.	38.	2.4

AREA:SERVICES TITLE:ANNUAL PAYROLL -- NO OUTLIER ADJUSTMENT R-HAT=ADMINISTRATIVE ADJ

SINGLE UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
4722	1.0156	.043022	.3562	27.	0.	.0
70	.9164	.029626	-2.8229	118.	0.	.0
72	.9617	.028092	-1.3644	130.	0.	.0
73	1.1499	.063229	2.3706	204.	0.	.0
75	1.0574	.167279	.3434	36.	0.	.0
76	.8844	.065759	-1.7574	21.	0.	.0
78	1.2056	.304469	.6754	35.	0.	.0
79	1.7008	.655094	1.0685	103.	0.	.0
80	.9810	.033562	-.5669	267.	0.	.0
81	.9954	.020955	-.1573	113.	0.	.0
82	1.1159	.152742	.7590	38.	0.	.0
83	1.3088	.301441	1.0244	54.	0.	.0
86	.9856	.032759	-.4406	60.	0.	.0
891239	.9706	.045757	-.6435	74.	0.	.0
ALLSIC	1.0790	.047643	1.6582	1280.	0.	.0

MULTI UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
4722	.9619	.053217	-.7160	13.	0.	.0
70	1.1003	.118531	.8464	14.	0.	.0
72	1.2624	.335221	.7829	64.	0.	.0
73	1.2200	.239941	.9169	53.	0.	.0
75	.8393	.157467	-1.0203	26.	0.	.0
76	.9286	.172098	-.4150	7.	0.	.0
78	.9046	.111389	-.8562	20.	0.	.0
79	.9646	.240617	-.1471	9.	0.	.0
80	1.1259	.094724	1.3293	15.	0.	.0
81	3.3963	1.916110	1.2506	7.	0.	.0
82	1.0661	.395438	.1671	7.	0.	.0
83	1.1284	.222587	.5766	28.	0.	.0
86	1.1650	.428904	.3847	14.	0.	.0
891239	1.4421	.407835	1.0839	10.	0.	.0
ALLSIC	1.1824	.091156	2.0012	287.	0.	.0

SU+MU UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
4722	1.0005	.034873	.0135	40.	0.	.0
70	.9646	.037471	-.9441	132.	0.	.0
72	1.0696	.121609	.5727	194.	0.	.0
73	1.1710	.084628	2.0211	257.	0.	.0
75	1.0177	.139955	.1263	62.	0.	.0
76	.8949	.064869	-1.6209	28.	0.	.0
78	1.0987	.197944	.4986	55.	0.	.0
79	1.5744	.549205	1.0459	112.	0.	.0
80	1.0021	.032242	.0655	282.	0.	.0
81	1.1159	.113226	1.0241	120.	0.	.0
82	1.1094	.142675	.7666	45.	0.	.0
83	1.2483	.213873	1.1611	82.	0.	.0
86	1.0203	.087736	.2317	74.	0.	.0
891239	1.0813	.101577	.8004	84.	0.	.0
ALLSIC	1.1021	.042195	2.4189	1567.	0.	.0

AREA:SERVICES TITLE:ANNUAL PAYROLL -- NO OUTLIER ADJUSTMENT R-HAT=ZERO ADJ

SINGLE UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
4722	1.0190	.052922	.3585	27.	0.	.0
70	.8769	.042551	-2.8938	110.	0.	.0
72	.9502	.036656	-1.3576	130.	0.	.0
73	1.2179	.091484	2.3818	204.	0.	.0
75	1.0627	.102698	.3432	36.	0.	.0
76	.8804	.067804	-1.7644	21.	0.	.0
78	1.2666	.398810	.6686	35.	0.	.0
79	1.8803	.819950	1.0736	103.	0.	.0
80	.9764	.041550	-.5676	267.	0.	.0
81	.9948	.033119	-.1574	113.	0.	.0
82	1.1324	.174683	.7579	38.	0.	.0
83	1.3749	.363754	1.0308	54.	0.	.0
86	.9818	.041200	-.4410	60.	0.	.0
891239	.9659	.052872	-.6454	74.	0.	.0
ALLSIC	1.0992	.059811	1.6588	1280.	0.	.0

MULTI UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
4722	.9026	.124414	-.7832	13.	0.	.0
70	1.2008	.233516	.8598	14.	0.	.0
72	1.5548	.712398	.7788	64.	0.	.0
73	1.3685	.401879	.9170	53.	0.	.0
75	.8162	.175560	-1.0470	26.	0.	.0
76	.7807	.522086	-.4200	7.	0.	.0
78	.8538	.161995	-.9027	20.	0.	.0
79	.9541	.303276	-.1512	9.	0.	.0
80	1.1491	.116414	1.2811	15.	0.	.0
81	4.9931	1.589461	2.5122	7.	0.	.0
82	1.0858	.516422	.1661	7.	0.	.0
83	1.3287	.539815	.6089	28.	0.	.0
86	1.1650	.428904	.3847	14.	0.	.0
891239	2.2020	.513346	2.3414	10.	0.	.0
ALLSIC	1.2998	.148370	2.0205	287.	0.	.0

SUMU UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
4722	1.0007	.049745	.0135	40.	0.	.0
70	.9440	.060807	-.9204	132.	0.	.0
72	1.1050	.103364	.5724	194.	0.	.0
73	1.2590	.127771	2.0269	257.	0.	.0
75	1.0195	.154102	.1263	62.	0.	.0
76	.8710	.078667	-1.6402	28.	0.	.0
78	1.1354	.273446	.4951	55.	0.	.0
79	1.7253	.694119	1.0450	112.	0.	.0
80	1.0026	.039699	.0655	282.	0.	.0
81	1.1348	.130208	1.0354	120.	0.	.0
82	1.1269	.165895	.7651	45.	0.	.0
83	1.3660	.311370	1.1755	82.	0.	.0
86	1.0244	.105163	.2317	74.	0.	.0
891239	1.1089	.130198	.8364	84.	0.	.0
ALLSIC	1.1353	.055012	2.4241	1567.	0.	.0

AREA:SERVICES TITLE:ANNUAL PAYROLL -- OUTLIER ADJUSTMENT=7.5 R-HAT=ADMINISTRATIVE ADJ

SINGLE UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
4722	1.0156	.043822	.3562	27.	0.	.0
70	.9186	.020086	-2.8175	118.	3.	2.5
72	.9617	.020092	-1.3644	130.	0.	.0
73	1.1407	.059902	2.3494	204.	4.	2.0
75	1.0574	.167279	.3434	36.	0.	.0
76	.8848	.065767	-1.7517	21.	1.	4.8
78	1.1212	.209254	.5792	35.	2.	5.7
79	1.3073	.267984	1.1468	103.	5.	4.9
80	.9820	.033417	-.5308	267.	4.	1.5
81	.9956	.028956	-.1513	113.	1.	.9
82	1.1159	.152742	.7590	38.	0.	.0
83	1.1755	.162920	1.0770	54.	2.	3.7
86	.9870	.032764	-.3958	60.	2.	3.3
891239	.9707	.045708	-.6415	74.	1.	1.4
ALLSIC	1.0462	.026923	1.7164	1280.	25.	2.0

MULTI UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
4722	.9619	.053217	-.7160	13.	0.	.0
70	1.1003	.118531	.8464	14.	0.	.0
72	1.0695	.135348	.5135	64.	1.	1.6
73	1.1989	.227681	.8737	53.	3.	5.7
75	.8447	.155547	-.9984	26.	4.	15.4
76	.9286	.172098	-.4150	7.	0.	.0
78	.9064	.111225	-.8419	20.	1.	5.0
79	.9646	.240617	-.1471	9.	0.	.0
80	1.0690	.119308	.5784	15.	1.	6.7
81	3.2727	1.806633	1.2580	7.	1.	14.3
82	1.0661	.395438	.1671	7.	0.	.0
83	1.1284	.222587	.5766	28.	0.	.0
86	1.1788	.424376	.4213	14.	1.	7.1
891239	1.4421	.407835	1.0839	10.	0.	.0
ALLSIC	1.1458	.082015	1.7782	287.	12.	4.2

SUMU UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
4722	1.0005	.034873	.0135	40.	0.	.0
70	.9663	.037154	-.9075	132.	3.	2.3
72	1.0004	.051824	.0074	194.	1.	.5
73	1.1583	.080288	1.9715	257.	7.	2.7
75	1.0187	.139801	.1334	62.	4.	6.5
76	.8951	.064871	-1.6166	28.	1.	3.6
78	1.0449	.138837	.3232	55.	3.	5.5
79	1.2485	.220697	1.0865	112.	5.	4.5
80	.9947	.033718	-.1576	282.	5.	1.8
81	1.1099	.107256	1.0248	120.	2.	1.7
82	1.1094	.142675	.7666	45.	0.	.0
83	1.1597	.131514	1.2141	82.	2.	2.4
86	1.0242	.087017	.2779	74.	3.	4.1
891239	1.0814	.101563	.8015	84.	1.	1.2
ALLSIC	1.0684	.027754	2.4655	1567.	37.	2.4

AREA:SERVICES TITLE:ANNUAL PAYROLL -- OUTLIER ADJUSTMENT=7.5 R-HAT=ZERO ADJ

SINGLE UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
4722	1.0190	.052922	.3505	27.	0.	.0
70	.8802	.041509	-2.8867	118.	3.	2.5
72	.9502	.036656	-1.3576	130.	0.	.0
73	1.2046	.086615	2.3620	204.	4.	2.0
75	1.0627	.102698	.3432	36.	0.	.0
76	.8807	.067013	-1.7587	21.	1.	4.8
78	1.1572	.273797	.5740	35.	2.	5.7
79	1.3861	.335073	1.1522	103.	5.	4.9
80	.9777	.041372	-.5394	267.	4.	1.5
81	.9950	.033122	-.1514	113.	1.	.9
82	1.1324	.174603	.7579	38.	0.	.0
83	1.2130	.197067	1.0811	54.	2.	3.7
86	.9837	.041207	-.3961	60.	2.	3.3
891239	.9660	.052815	-.6434	74.	1.	1.4
ALLSIC	1.0500	.033009	1.7165	1280.	25.	2.0

MULTI UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
4722	.9026	.124414	-.7832	13.	0.	.0
70	1.2008	.233516	.8598	14.	0.	.0
72	1.1469	.286718	.5125	64.	1.	1.6
73	1.3332	.301787	.0728	53.	3.	5.7
75	.8223	.173737	-1.0226	26.	4.	15.4
76	.7807	.522086	-.4200	7.	0.	.0
78	.8564	.161091	-.8869	20.	1.	5.0
79	.9541	.303276	-.1512	9.	0.	.0
80	1.0817	.142277	.5744	15.	1.	6.7
81	4.7872	1.488030	2.5451	7.	1.	14.3
82	1.0858	.516422	.1661	7.	0.	.0
83	1.3287	.539815	.6089	28.	0.	.0
86	1.1788	.424376	.4213	14.	1.	7.1
891239	2.2020	.513346	2.3414	10.	0.	.0
ALLSIC	1.2397	.133254	1.7985	287.	12.	4.2

SU+NU UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
4722	1.0007	.049745	.0135	40.	0.	.0
70	.9467	.060242	-.8855	132.	3.	2.3
72	1.0006	.078102	.0074	194.	1.	.5
73	1.2397	.121280	1.9761	257.	7.	2.7
75	1.0205	.154021	.1333	62.	4.	6.5
76	.8713	.078673	-1.6359	28.	1.	3.6
78	1.0616	.191440	.3215	55.	3.	5.5
79	1.3138	.290261	1.0811	112.	5.	4.5
80	.9935	.041502	-.1577	282.	5.	1.8
81	1.1278	.123353	1.0360	120.	2.	1.7
82	1.1269	.165095	.7651	45.	0.	.0
83	1.2354	.190874	1.2330	82.	2.	2.4
86	1.0290	.104301	.2779	74.	3.	4.1
891239	1.1090	.130172	.8376	84.	1.	1.2
ALLSIC	1.0907	.036684	2.4726	1567.	37.	2.4

AREA:SERVICES TITLE:ANNUAL PAYROLL -- OUTLIER ADJUSTMENT=5.0 R-HAT=ADMINISTRATIVE ADJ

SINGLE UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
4722	1.0156	.043822	.3562	27.	0.	.0
70	.9211	.020117	-2.8056	118.	4.	3.4
72	.9617	.028092	-1.3644	130.	0.	.0
73	1.1252	.054000	2.3186	204.	6.	2.9
75	1.0574	.167279	.3434	36.	0.	.0
76	.8060	.065795	-1.7328	21.	1.	4.8
78	1.0546	.133884	.4076	35.	3.	8.6
79	1.2042	.167312	1.2206	103.	6.	5.8
80	.9813	.032617	-.5721	267.	9.	3.4
81	.9963	.028962	-.1295	113.	1.	.9
82	1.1094	.146142	.7484	38.	1.	2.6
83	1.1247	.112112	1.1126	54.	5.	9.3
86	.9879	.032766	-.3700	60.	2.	3.3
891239	.9722	.045253	-.6151	74.	2.	2.7
ALLSIC	1.0336	.022076	1.5233	1280.	40.	3.1

MULTI UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
4722	.9619	.053217	-.7160	13.	0.	.0
70	1.1003	.118531	.8464	14.	0.	.0
72	1.0239	.089460	.2672	64.	2.	3.1
73	1.1052	.171506	.6133	53.	5.	9.4
75	.8603	.151104	-.9246	26.	8.	30.8
76	.9286	.172098	-.4150	7.	0.	.0
78	.9129	.109927	-.7920	20.	3.	15.0
79	.9646	.240617	-.1471	9.	0.	.0
80	1.0098	.114711	.0857	15.	3.	20.0
81	2.4782	1.103451	1.3396	7.	1.	14.3
82	1.0661	.395438	.1671	7.	0.	.0
83	1.0978	.186879	.5233	28.	2.	7.1
86	1.1933	.419902	.4602	14.	1.	7.1
891239	1.4421	.407835	1.0839	10.	0.	.0
ALLSIC	1.0949	.066246	1.4331	287.	25.	8.7

SUMU UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
4722	1.0005	.034873	.0135	40.	0.	.0
70	.9681	.036833	-.8654	132.	4.	3.0
72	.9840	.036836	-.4340	194.	2.	1.0
73	1.1192	.064087	1.8594	257.	11.	4.3
75	1.0215	.139709	.1539	62.	8.	12.9
76	.8960	.064880	-1.6023	28.	1.	3.6
78	1.0042	.093517	.0454	55.	6.	10.9
79	1.1631	.147217	1.1078	112.	6.	5.4
80	.9855	.032595	-.4450	282.	12.	4.3
81	1.0706	.069733	1.0129	120.	2.	1.7
82	1.1037	.137333	.7550	45.	1.	2.2
83	1.1157	.097347	1.1885	82.	7.	8.5
86	1.0277	.086328	.3205	74.	3.	4.1
891239	1.0825	.101446	.8136	84.	2.	2.4
ALLSIC	1.0473	.022616	2.0914	1567.	65.	4.1

AREA:SERVICES TITLE:ANNUAL PAYROLL -- OUTLIER ADJUSTMENT=5.0 R-HAT=ZERO ADJ

SINGLE UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
4722	1.0190	.052922	.3585	27.	0.	.0
70	.8039	.040411	-2.8741	118.	4.	3.4
72	.9502	.036656	-1.3576	130.	0.	.0
73	1.1020	.077990	2.3337	204.	6.	2.9
75	1.0627	.102690	.3432	36.	0.	.0
76	.8020	.067045	-1.7396	21.	1.	4.8
78	1.0708	.174790	.4048	35.	3.	8.6
79	1.2565	.209269	1.2259	103.	6.	5.8
80	.9769	.040374	-.5729	267.	9.	3.4
81	.9957	.033130	-.1295	113.	1.	.9
82	1.1249	.167140	.7474	38.	1.	2.6
83	1.1515	.135999	1.1136	54.	5.	9.3
86	.9847	.041212	-.3702	60.	2.	3.3
891239	.9677	.052295	-.6168	74.	2.	2.7
ALLSIC	1.0422	.027728	1.5231	1280.	40.	3.1

MULTI UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
4722	.9026	.124414	-.7832	13.	0.	.0
70	1.2008	.233516	.8598	14.	0.	.0
72	1.0505	.189183	.2671	64.	2.	3.1
73	1.1762	.288343	.6111	53.	5.	9.4
75	.8402	.169264	-.9444	26.	8.	30.8
76	.7807	.522086	-.4200	7.	0.	.0
78	.8665	.160413	-.8322	20.	3.	15.0
79	.9541	.303276	-.1512	9.	0.	.0
80	1.0116	.135887	.0857	15.	3.	20.0
81	3.4632	.837060	2.9427	7.	1.	14.3
82	1.0858	.516422	.1661	7.	0.	.0
83	1.2504	.455654	.5496	28.	2.	7.1
86	1.1933	.419902	.4602	14.	1.	7.1
891239	2.2020	.513346	2.3414	10.	0.	.0
ALLSIC	1.1560	.107714	1.4484	287.	25.	8.7

SUMU UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
4722	1.0007	.049745	.0135	40.	0.	.0
70	.9496	.059657	-.8453	132.	4.	3.0
72	.9759	.055541	-.4338	194.	2.	1.0
73	1.1804	.096985	1.8603	257.	11.	4.3
75	1.0237	.153835	.1538	62.	8.	12.9
76	.8724	.078695	-1.6211	28.	1.	3.6
78	1.0058	.120403	.0454	55.	6.	10.9
79	1.2059	.187628	1.0976	112.	6.	5.4
80	.9821	.040103	-.4453	282.	12.	4.3
81	1.0821	.080294	1.0228	120.	2.	1.7
82	1.1203	.159687	.7535	45.	1.	2.2
83	1.1705	.141438	1.2058	82.	7.	8.5
86	1.0332	.103475	.3205	74.	3.	4.1
891239	1.1106	.129925	.8509	84.	2.	2.4
ALLSIC	1.0627	.029908	2.0964	1567.	65.	4.1

AREA:SERVICES TITLE:ANNUAL PAYROLL -- OUTLIER ADJUSTMENT FACTOR=2.5 R-HAT=ADMINISTRATIVE ADJ

SINGLE UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
4722	1.0156	.043822	.3562	27.	0.	.0
70	.9304	.025704	-2.7078	118.	6.	5.1
72	.9610	.027834	-1.4025	130.	3.	2.3
73	1.0606	.035994	1.9063	204.	16.	7.8
75	1.0117	.100339	.1076	36.	4.	11.1
76	.8896	.065800	-1.6761	21.	1.	4.8
78	.9945	.062002	-.0892	35.	4.	11.4
79	1.0963	.069608	1.3831	103.	10.	9.7
80	.9734	.022821	-1.1645	267.	28.	10.5
81	1.0036	.027917	.1283	113.	6.	5.3
82	1.0351	.077387	.4538	30.	2.	5.3
83	1.0552	.057249	.9635	54.	7.	13.0
86	.9897	.030908	-.3339	60.	4.	6.7
891239	.9783	.042512	-.5111	74.	5.	6.8
ALLSIC	1.0058	.013526	.4317	1280.	96.	7.5

MULTI UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
4722	.9672	.049441	-.6625	13.	1.	7.7
70	1.0661	.094776	.6975	14.	3.	21.4
72	.9840	.048369	-.3318	64.	5.	7.8
73	.9867	.087445	-.1518	53.	10.	18.9
75	.9218	.135478	-.5770	26.	9.	34.6
76	.9556	.155722	-.2850	7.	2.	28.6
78	.9419	.101769	-.5710	20.	3.	15.0
79	.8586	.163227	-.8660	9.	1.	11.1
80	.9556	.083766	-.5302	15.	4.	26.7
81	1.6472	.406018	1.5941	7.	2.	28.6
82	.9628	.238084	-.1564	7.	2.	28.6
83	1.0098	.078545	.1242	28.	3.	10.7
86	1.0171	.216750	.0789	14.	2.	14.3
891239	1.3409	.309097	1.1029	10.	1.	10.0
ALLSIC	1.0129	.039100	.3306	287.	48.	16.7

SUMU UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
4722	1.0020	.034436	.0575	40.	1.	2.5
70	.9660	.030995	-1.0970	132.	9.	6.8
72	.9692	.024911	-1.2357	194.	8.	4.1
73	1.0439	.036785	1.1936	257.	26.	10.1
75	.9953	.091922	-.0513	62.	13.	21.0
76	.9052	.062690	-1.5128	28.	3.	10.7
78	.9758	.053513	-.4526	55.	7.	12.7
79	1.0555	.068196	.8135	112.	11.	9.8
80	.9708	.022937	-1.2720	282.	32.	11.3
81	1.0359	.036204	.9913	120.	8.	6.7
82	1.0256	.074473	.3439	45.	4.	8.9
83	1.0399	.046249	.8637	82.	10.	12.2
86	.9950	.048917	-.1024	74.	6.	8.1
891239	1.0635	.079239	.8008	84.	6.	7.1
ALLSIC	1.0074	.013653	.5434	1567.	144.	9.2

AREA:SERVICES TITLE:ANNUAL PAYROLL -- OUTLIER ADJUSTMENT FACTOR=2.5 R-HAT=ZERO ADJ

SINGLE UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
4722	1.0190	.052922	.3585	27.	0.	.0
70	.8975	.036971	-2.7718	110.	6.	5.1
72	.9493	.036320	-1.3954	130.	3.	2.3
73	1.0997	.052029	1.9171	204.	16.	7.8
75	1.0127	.118300	.1076	36.	4.	11.1
76	.8857	.067942	-1.6825	21.	1.	4.8
78	.9928	.080362	-.0894	35.	4.	11.4
79	1.1209	.087246	1.3861	103.	10.	9.7
80	.9671	.020164	-1.1695	267.	28.	10.5
81	1.0041	.031962	.1283	113.	6.	5.3
82	1.0401	.088506	.4532	38.	2.	5.3
83	1.0670	.069751	.9602	54.	7.	13.0
86	.9870	.038875	-.3341	60.	4.	6.7
891239	.9748	.049149	-.5123	74.	5.	6.8
ALLSIC	1.0073	.016990	.4316	1280.	96.	7.5

MULTI UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
4722	.9162	.116007	-.7171	13.	1.	7.7
70	1.1323	.183241	.7221	14.	3.	21.4
72	.9661	.102490	-.3310	64.	5.	7.8
73	.9778	.146142	-.1522	53.	10.	18.9
75	.9106	.153335	-.5832	26.	9.	34.6
76	.8637	.474766	-.2871	7.	2.	28.6
78	.9109	.151486	-.5882	20.	3.	15.0
79	.8168	.168496	-1.0870	9.	1.	11.1
80	.9474	.099549	-.5284	15.	4.	26.7
81	2.0785	.223926	4.8164	7.	2.	28.6
82	.9516	.307659	-.1572	7.	2.	28.6
83	1.0250	.199114	.1255	28.	3.	10.7
86	1.0171	.216750	.0789	14.	2.	14.3
891239	1.9269	.403864	2.2952	10.	1.	10.0
ALLSIC	1.0212	.064074	.3315	287.	48.	16.7

SUMU UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
4722	1.0028	.049108	.0575	40.	1.	2.5
70	.9462	.050551	-1.0641	132.	9.	6.8
72	.9536	.037680	-1.2312	194.	8.	4.1
73	1.0665	.055791	1.1915	257.	26.	10.1
75	.9948	.101186	-.0513	62.	13.	21.0
76	.8836	.076086	-1.5296	28.	3.	10.7
78	.9668	.072713	-.4569	55.	7.	12.7
79	1.0701	.087451	.8011	112.	11.	9.8
80	.9641	.028159	-1.2756	282.	32.	11.3
81	1.0417	.041878	.9964	120.	8.	6.7
82	1.0297	.086534	.3435	45.	4.	8.9
83	1.0589	.067841	.8678	82.	10.	12.2
86	.9940	.058630	-.1024	74.	6.	8.1
891239	1.0850	.101836	.8346	84.	6.	7.1
ALLSIC	1.0098	.018090	.5437	1567.	144.	9.2

AREA:SERVICES TITLE:ANNUAL PAYROLL -- OUTLIER ADJUSTMENT=7.5 (SPECIAL) R-HAT=ADMINISTRATIVE ADJ

SINGLE UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
4722	1.0156	.043022	.3562	27.	0.	.0
70	.9437	.025436	-2.2143	118.	3.	2.5
72	.9617	.020092	-1.3644	130.	0.	.0
73	1.1134	.051753	2.1913	204.	4.	2.0
75	1.0574	.167279	.3434	36.	0.	.0
76	.9003	.066136	-1.5068	21.	1.	4.8
78	.9503	.045776	-1.0864	35.	2.	5.7
79	1.0452	.043946	1.0401	103.	5.	4.9
80	.9964	.032297	-.1129	267.	4.	1.5
81	1.0038	.029030	.1324	113.	1.	.9
82	1.1159	.152742	.7590	38.	0.	.0
83	1.0586	.060696	.9660	54.	2.	3.7
86	.9980	.032000	-.0607	60.	2.	3.3
891239	.9801	.042098	-.4650	74.	1.	1.4
ALLSIC	1.0246	.010874	1.3033	1280.	25.	2.0

MULTI UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
4722	.9619	.053217	-.7160	13.	0.	.0
70	1.1003	.118531	.8464	14.	0.	.0
72	.9495	.036514	-1.3835	64.	1.	1.6
73	1.1183	.170208	.6634	53.	3.	5.7
75	.9599	.121918	-.3292	26.	4.	15.4
76	.9286	.172098	-.4150	7.	0.	.0
78	.9546	.114827	-.3954	20.	1.	5.0
79	.9646	.240617	-.1471	9.	0.	.0
80	1.0068	.166041	.0410	15.	1.	6.7
81	1.2069	.112532	1.8382	7.	1.	14.3
82	1.0661	.395438	.1671	7.	0.	.0
83	1.1284	.222587	.5766	28.	0.	.0
86	1.3671	.392188	.9360	14.	1.	7.1
891239	1.4421	.407835	1.0839	10.	0.	.0
ALLSIC	1.0871	.067828	1.2839	287.	12.	4.2

SUMU UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
4722	1.0005	.034873	.0135	40.	0.	.0
70	.9848	.035758	-.4259	132.	3.	2.3
72	.9573	.022260	-1.9184	194.	1.	.5
73	1.1149	.064800	1.7728	257.	7.	2.7
75	1.0396	.138675	.2859	62.	4.	6.5
76	.9070	.064992	-1.4308	28.	1.	3.6
78	.9518	.050382	-.9565	55.	3.	5.5
79	1.0314	.056295	.5570	112.	5.	4.5
80	.9979	.036746	-.0577	282.	5.	1.8
81	1.0140	.028325	.4955	120.	2.	1.7
82	1.1094	.142675	.7666	45.	0.	.0
83	1.0820	.084880	.9661	82.	2.	2.4
86	1.0695	.083813	.8293	74.	3.	4.1
891239	1.0886	.100841	.8783	84.	1.	1.2
ALLSIC	1.0385	.021068	1.8290	1567.	37.	2.4

AREA:SERVICES TITLE:ANNUAL PAYROLL -- OUTLIER ADJUSTMENT=7.5 (SPECIAL) R-HAT=ZERO ADJ

SINGLE UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
4722	1.0190	.052922	.3585	27.	0.	.0
70	.9171	.037004	-2.2410	118.	3.	2.5
72	.9502	.036656	-1.3576	130.	0.	.0
73	1.1649	.074707	2.2068	204.	4.	2.0
75	1.0627	.102698	.3432	36.	0.	.0
76	.8968	.068234	-1.5119	21.	1.	4.8
78	.9355	.050504	-1.1022	35.	2.	5.7
79	1.0568	.054851	1.0349	103.	5.	4.9
80	.9955	.040024	-.1129	267.	4.	1.5
81	1.0044	.033237	.1324	113.	1.	.9
82	1.1324	.174683	.7579	38.	0.	.0
83	1.0712	.074549	.9550	54.	2.	3.7
86	.9975	.041278	-.0607	60.	2.	3.3
891239	.9769	.049622	-.4659	74.	1.	1.4
ALLSIC	1.0309	.023711	1.3029	1280.	25.	2.0

MULTI UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
4722	.9026	.124414	-.7832	13.	0.	.0
70	1.2008	.233516	.8598	14.	0.	.0
72	.8932	.078687	-1.3572	64.	1.	1.6
73	1.1981	.300147	.6600	53.	3.	5.7
75	.9541	.139007	-.3304	26.	4.	15.4
76	.7807	.522086	-.4200	7.	0.	.0
78	.9304	.172021	-.4046	20.	1.	5.0
79	.9541	.303276	-.1512	9.	0.	.0
80	1.0081	.196654	.0410	15.	1.	6.7
81	1.3447	.239422	1.4398	7.	1.	14.3
82	1.0858	.516422	.1661	7.	0.	.0
83	1.3287	.539815	.6089	28.	0.	.0
86	1.3671	.392188	.9360	14.	1.	7.1
891239	2.2020	.513346	2.3414	10.	0.	.0
ALLSIC	1.1431	.110492	1.2952	287.	12.	4.2

SUMU UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
4722	1.0007	.049745	.0135	40.	0.	.0
70	.9759	.057229	-.4210	132.	3.	2.3
72	.9356	.033788	-1.9048	194.	1.	.5
73	1.1739	.098145	1.7722	257.	7.	2.7
75	1.0437	.152712	.2858	62.	4.	6.5
76	.8859	.078958	-1.4453	28.	1.	3.6
78	.9339	.067713	-.9764	55.	3.	5.5
79	1.0396	.072151	.5487	112.	5.	4.5
80	.9974	.045237	-.0577	282.	5.	1.8
81	1.0163	.032986	.4947	120.	2.	1.7
82	1.1269	.165895	.7651	45.	0.	.0
83	1.1209	.123685	.9772	82.	2.	2.4
86	1.0833	.100415	.8297	74.	3.	4.1
891239	1.1186	.128609	.9224	84.	1.	1.2
ALLSIC	1.0511	.027876	1.8323	1567.	37.	2.4

AREA:SERVICES TITLE:IQ PAYROLL -- NO OUTLIER ADJUSTMENT R-HAT=ADMINISTRATIVE ADJ

SINGLE UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
4722	1.0446	.071798	.6212	27.	0.	.0
70	.9656	.034905	-.9859	118.	0.	.0
72	1.0482	.044505	1.0832	130.	0.	.0
73	1.1543	.060995	2.5300	204.	0.	.0
75	1.1473	.158142	.9314	36.	0.	.0
76	.9209	.075033	-1.0540	21.	0.	.0
78	1.2595	.367377	.7064	35.	0.	.0
79	1.8993	.699655	1.2854	103.	0.	.0
80	.9252	.042267	-1.7689	267.	0.	.0
81	1.0318	.040547	.7851	113.	0.	.0
82	1.2281	.166961	1.3664	38.	0.	.0
83	.9610	.053090	-.7347	54.	0.	.0
86	.9320	.050470	-1.3468	60.	0.	.0
891239	.9530	.050288	-.9347	74.	0.	.0
ALLSIC	1.0730	.045267	1.6127	1280.	0.	.0

MULTI UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
4722	.9788	.051777	-.4096	13.	0.	.0
70	1.1125	.098841	1.1386	14.	0.	.0
72	1.2667	.344000	.7754	64.	0.	.0
73	1.2450	.237124	1.0334	53.	0.	.0
75	.8698	.170404	-.7639	26.	0.	.0
76	.8573	.129188	-1.1044	7.	0.	.0
78	1.0316	.098193	.3217	20.	0.	.0
79	1.0968	.282366	.3428	9.	0.	.0
80	1.1704	.090324	1.8861	15.	0.	.0
81	3.3031	1.803891	1.2767	7.	0.	.0
82	1.0701	.406424	.1725	7.	0.	.0
83	1.0932	.201140	.4632	28.	0.	.0
86	1.1698	.431440	.3936	14.	0.	.0
891239	1.5244	.449587	1.1665	10.	0.	.0
ALLSIC	1.2114	.091444	2.3120	287.	0.	.0

SUMU UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
4722	1.0243	.051712	.4697	40.	0.	.0
70	1.0020	.035573	.0553	132.	0.	.0
72	1.1270	.127495	.9959	194.	0.	.0
73	1.1814	.082431	2.2001	257.	0.	.0
75	1.0974	.134118	.7260	62.	0.	.0
76	.9075	.064670	-1.4303	28.	0.	.0
78	1.1766	.233085	.7575	55.	0.	.0
79	1.7671	.592896	1.2938	112.	0.	.0
80	.9608	.039417	-.9943	282.	0.	.0
81	1.1519	.117811	1.2894	120.	0.	.0
82	1.2066	.155503	1.3289	45.	0.	.0
83	1.0034	.074169	.0460	82.	0.	.0
86	.9780	.093842	-.2349	74.	0.	.0
891239	1.0880	.108272	.8128	84.	0.	.0
ALLSIC	1.1036	.040590	2.5525	1567.	0.	.0

AREA:SERVICES TITLE:1Q PAYROLL -- NO OUTLIER ADJUSTMENT R-HAT=ZERO ADJ

SINGLE UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
4722	1.0538	.086683	.6211	27.	0.	.0
70	.9400	.059494	-1.0086	118.	0.	.0
72	1.0726	.067052	1.0832	130.	0.	.0
73	1.2359	.092511	2.5501	204.	0.	.0
75	1.1651	.176755	.9343	36.	0.	.0
76	.9181	.077051	-1.0627	21.	0.	.0
78	1.3350	.477464	.7017	35.	0.	.0
79	2.1597	.887503	1.3067	103.	0.	.0
80	.9073	.051770	-1.7911	267.	0.	.0
81	1.0377	.048302	.7804	113.	0.	.0
82	1.2651	.192421	1.3776	38.	0.	.0
83	.9513	.065958	-.7379	54.	0.	.0
86	.9137	.063733	-1.3534	60.	0.	.0
891239	.9445	.058905	-.9422	74.	0.	.0
ALLSIC	1.0951	.058959	1.6135	1280.	0.	.0

MULTI UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
4722	.9395	.143083	-.4229	13.	0.	.0
70	1.2871	.278040	1.0327	14.	0.	.0
72	1.5856	.755756	.7748	64.	0.	.0
73	1.4136	.397705	1.0397	53.	0.	.0
75	.8505	.192502	-.7766	26.	0.	.0
76	.6239	.330725	-1.1372	7.	0.	.0
78	1.0640	.204028	.3138	20.	0.	.0
79	1.1595	.482881	.3304	9.	0.	.0
80	1.2069	.118374	1.7481	15.	0.	.0
81	5.0541	1.611088	2.5164	7.	0.	.0
82	1.0927	.540442	.1715	7.	0.	.0
83	1.2341	.483326	.4843	28.	0.	.0
86	1.1698	.431440	.3936	14.	0.	.0
891239	2.6226	.493740	3.2863	10.	0.	.0
ALLSIC	1.3654	.155324	2.3527	287.	0.	.0

SUMU UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
4722	1.0357	.076242	.4679	40.	0.	.0
70	1.0037	.067274	.0553	132.	0.	.0
72	1.2157	.216565	.9959	194.	0.	.0
73	1.2853	.128751	2.2156	257.	0.	.0
75	1.1096	.150672	.7277	62.	0.	.0
76	.8903	.075519	-1.4529	28.	0.	.0
78	1.2627	.350061	.7486	55.	0.	.0
79	2.0260	.783387	1.3096	112.	0.	.0
80	.9515	.048485	-.9995	282.	0.	.0
81	1.1831	.140626	1.3017	120.	0.	.0
82	1.2441	.182747	1.3359	45.	0.	.0
83	1.0051	.110307	.0460	82.	0.	.0
86	.9734	.113192	-.2349	74.	0.	.0
891239	1.1217	.142275	.8552	84.	0.	.0
ALLSIC	1.1428	.055753	2.5609	1567.	0.	.0

AREA:SERVICES TITLE:IQ PAYROLL -- OUTLIER ADJUSTMENT=7.5 R-HAT=ADMINISTRATIVE ADJ

SINGLE UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
4722	1.0446	.071798	.6212	27.	0.	.0
70	.9598	.033047	-1.1886	118.	2.	1.7
72	1.0411	.043237	.9508	130.	1.	.8
73	1.1289	.055605	2.3176	204.	5.	2.5
75	1.1473	.150142	.9314	36.	0.	.0
76	.9167	.074268	-1.1216	21.	2.	9.5
78	1.1488	.258426	.5759	35.	3.	8.6
79	1.4992	.361526	1.3807	103.	6.	5.8
80	.9004	.029657	-3.3592	267.	9.	3.4
81	1.0319	.040550	.7878	113.	1.	.9
82	1.2281	.166961	1.3664	38.	0.	.0
83	.9628	.052303	-.7110	54.	1.	1.9
86	.9331	.050496	-1.3248	60.	2.	3.3
891239	.9532	.050254	-.9311	74.	1.	1.4
ALLSIC	1.0306	.028451	1.3555	1280.	33.	2.6

MULTI UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
4722	.9788	.051777	-.4096	13.	0.	.0
70	1.1125	.098841	1.1386	14.	0.	.0
72	1.0755	.146089	.5168	64.	2.	3.1
73	1.2454	.233940	1.0490	53.	4.	7.5
75	.8725	.169150	-.7541	26.	3.	11.5
76	.8573	.129188	-1.1044	7.	0.	.0
78	1.0316	.098193	.3217	20.	0.	.0
79	1.0968	.282366	.3428	9.	0.	.0
80	1.1580	.097076	1.6281	15.	1.	6.7
81	3.1467	1.667006	1.2878	7.	1.	14.3
82	1.0701	.406424	.1725	7.	0.	.0
83	1.0948	.200908	.4718	28.	1.	3.6
86	1.1849	.426400	.4337	14.	1.	7.1
891239	1.5244	.449587	1.1665	10.	0.	.0
ALLSIC	1.1861	.082643	2.2513	287.	13.	4.5

SU+MU UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
4722	1.0243	.051712	.4697	40.	0.	.0
70	.9976	.034921	-.0690	132.	2.	1.5
72	1.0535	.059542	.8986	194.	3.	1.5
73	1.1636	.079634	2.0544	257.	9.	3.5
75	1.0978	.134060	.7299	62.	3.	4.8
76	.9042	.064170	-1.4926	28.	2.	7.1
78	1.1062	.166268	.6385	55.	3.	5.5
79	1.4328	.309426	1.3989	112.	6.	5.4
80	.9378	.030226	-2.0508	282.	10.	3.5
81	1.1437	.110084	1.3058	120.	2.	1.7
82	1.2066	.155503	1.3289	45.	0.	.0
83	1.0052	.073848	.0699	82.	2.	2.4
86	.9817	.093155	-.1961	74.	3.	4.1
891239	1.0882	.108264	.8143	84.	1.	1.2
ALLSIC	1.0712	.028663	2.4830	1567.	46.	2.9

AREA:SERVICES TITLE:IQ PAYROLL -- OUTLIER ADJUSTMENT=7.5 R-HAT=ZERO ADJ

SINGLE UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
4722	1.0530	.086683	.6211	27.	0.	.0
70	.9299	.057350	-1.2232	118.	2.	1.7
72	1.0619	.065189	.9501	130.	1.	.8
73	1.1970	.084363	2.3352	204.	5.	2.5
75	1.1651	.176755	.9343	36.	0.	.0
76	.9138	.076230	-1.1306	21.	2.	9.5
78	1.1921	.334979	.5736	35.	3.	8.6
79	1.6437	.457626	1.4066	103.	6.	5.8
80	.8765	.035775	-3.4536	267.	9.	3.4
81	1.0378	.048307	.7831	113.	1.	.9
82	1.2651	.192421	1.3776	38.	0.	.0
83	.9536	.064981	-.7141	54.	1.	1.9
86	.9151	.063770	-1.3313	60.	2.	3.3
891239	.9448	.058069	-.9385	74.	1.	1.4
ALLSIC	1.0503	.037067	1.3558	1280.	33.	2.6

MULTI UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
4722	.9395	.143083	-.4229	13.	0.	.0
70	1.2871	.278040	1.0327	14.	0.	.0
72	1.1657	.320107	.5178	64.	2.	3.1
73	1.4142	.392380	1.0556	53.	4.	7.5
75	.8535	.191183	-.7662	26.	3.	11.5
76	.6239	.330725	-1.1372	7.	0.	.0
78	1.0640	.204028	.3138	20.	0.	.0
79	1.1595	.482881	.3304	9.	0.	.0
80	1.1920	.124040	1.5378	15.	1.	6.7
81	4.7788	1.473725	2.5641	7.	1.	14.3
82	1.0927	.540442	.1715	7.	0.	.0
83	1.2382	.482294	.4938	28.	1.	3.6
86	1.1849	.426400	.4337	14.	1.	7.1
891239	2.6226	.493740	3.2863	10.	0.	.0
ALLSIC	1.3216	.139884	2.2989	287.	13.	4.5

SUMU UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
4722	1.0357	.076242	.4679	40.	0.	.0
70	.9954	.066110	-.0690	132.	2.	1.5
72	1.0909	.101122	.8987	194.	3.	1.5
73	1.2573	.124403	2.0685	257.	9.	3.5
75	1.1102	.150604	.7315	62.	3.	4.8
76	.8864	.074905	-1.5168	28.	2.	7.1
78	1.1579	.249893	.6320	55.	3.	5.5
79	1.5789	.408548	1.4170	112.	6.	5.4
80	.9231	.036985	-2.0803	282.	10.	3.5
81	1.1732	.131437	1.3179	120.	2.	1.7
82	1.2441	.102747	1.3359	45.	0.	.0
83	1.0077	.109793	.0700	82.	2.	2.4
86	.9780	.112366	-.1961	74.	3.	4.1
891239	1.1219	.142248	.8570	84.	1.	1.2
ALLSIC	1.0981	.039336	2.4934	1567.	46.	2.9

AREA:SERVICES TITLE:IQ PAYROLL -- OUTLIER ADJUSTMENT=5.0 R_2-HAT=ADMINISTRATIVE ADJ

SINGLE UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
4722	1.0446	.071798	.6212	27.	0.	.0
70	.9604	.033676	-1.1761	118.	3.	2.5
72	1.0369	.042511	.8600	130.	2.	1.5
73	1.1121	.040479	2.3131	204.	10.	4.9
75	1.1473	.158142	.9314	36.	0.	.0
76	.8988	.073434	-1.3783	21.	2.	9.5
78	1.0927	.207696	.4465	35.	6.	17.1
79	1.3506	.244151	1.4358	103.	8.	7.8
80	.9003	.027507	-3.6248	267.	11.	4.1
81	1.0267	.039184	.6825	113.	2.	1.8
82	1.2138	.155071	1.3786	38.	1.	2.6
83	.9652	.051395	-.6768	54.	4.	7.4
86	.9340	.050481	-1.3072	60.	3.	5.0
891239	.9536	.047203	-.9828	74.	5.	6.8
ALLSIC	1.0255	.023040	1.1048	1280.	57.	4.5

MULTI UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
4722	.9788	.051777	-.4096	13.	0.	.0
70	1.1125	.090041	1.1386	14.	0.	.0
72	1.0296	.098093	.3017	64.	3.	4.7
73	1.1532	.100544	.8484	53.	5.	9.4
75	.8868	.165411	-.6846	26.	7.	26.9
76	.8573	.129188	-1.1044	7.	0.	.0
78	1.0326	.097610	.3340	20.	1.	5.0
79	1.0728	.259079	.2812	9.	1.	11.1
80	1.0774	.094447	.8191	15.	2.	13.3
81	2.4019	1.015954	1.3799	7.	1.	14.3
82	1.0701	.406424	.1725	7.	0.	.0
83	1.0978	.200578	.4877	28.	2.	7.1
86	1.2002	.421611	.4749	14.	1.	7.1
891239	1.5244	.449587	1.1665	10.	0.	.0
ALLSIC	1.1344	.068158	1.9718	287.	23.	8.0

SUMRY UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
4722	1.0243	.051712	.4697	40.	0.	.0
70	.9981	.034031	-.0557	132.	3.	2.3
72	1.0343	.044581	.7686	194.	5.	2.6
73	1.1244	.063557	1.9568	257.	15.	5.8
75	1.1004	.133870	.7501	62.	7.	11.3
76	.8901	.063770	-1.7239	28.	2.	7.1
78	1.0709	.135734	.5220	55.	7.	12.7
79	1.3048	.211268	1.4426	112.	9.	8.0
80	.9260	.028108	-2.6331	282.	13.	4.6
81	1.0994	.074078	1.3424	120.	3.	2.5
82	1.1942	.145880	1.3315	45.	1.	2.2
83	1.0078	.073463	.1057	82.	6.	7.3
86	.9854	.092516	-.1576	74.	4.	5.4
891239	1.0885	.107413	.8236	84.	5.	6.0
ALLSIC	1.0495	.023390	2.1179	1567.	80.	5.1

AREA:SERVICES TITLE:IQ PAYROLL -- OUTLIER ADJUSTMENT=5.0 R-HAT=ZERO ADJ

SINGLE UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
4722	1.0530	.086683	.6211	27.	0.	.0
70	.9309	.057080	-1.2099	118.	3.	2.5
72	1.0556	.064119	.8670	130.	2.	1.5
73	1.1714	.073453	2.3338	204.	10.	4.9
75	1.1651	.176755	.9343	36.	0.	.0
76	.8953	.075273	-1.3913	21.	2.	9.5
78	1.1197	.268664	.4456	35.	6.	17.1
79	1.4520	.308878	1.4635	103.	8.	7.8
80	.8763	.033107	-3.7351	267.	11.	4.1
81	1.0317	.046638	.6790	113.	2.	1.8
82	1.2484	.178026	1.3891	38.	1.	2.6
83	.9566	.063858	-.6797	54.	4.	7.4
86	.9163	.063755	-1.3134	60.	3.	5.0
891239	.9452	.055260	-.9912	74.	5.	6.8
ALLSIC	1.0332	.030022	1.1040	1280.	57.	4.5

MULTI UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
4722	.9395	.143083	-.4229	13.	0.	.0
70	1.2871	.278040	1.0327	14.	0.	.0
72	1.0650	.214830	.3024	64.	3.	4.7
73	1.2585	.304701	.8484	53.	5.	9.4
75	.8700	.187398	-.6939	26.	7.	26.9
76	.6239	.330725	-1.1372	7.	0.	.0
78	1.0661	.203004	.3255	20.	1.	5.0
79	1.1201	.441141	.2722	9.	1.	11.1
80	1.0940	.116388	.8073	15.	2.	13.3
81	3.4678	.820673	3.0070	7.	1.	14.3
82	1.0927	.540442	.1715	7.	0.	.0
83	1.2458	.480662	.5113	28.	2.	7.1
86	1.2002	.421611	.4749	14.	1.	7.1
891239	2.6226	.493740	3.2863	10.	0.	.0
ALLSIC	1.2323	.115368	2.0134	287.	23.	8.0

SU+MU UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
4722	1.0357	.076242	.4679	40.	0.	.0
70	.9963	.065932	-.0557	132.	3.	2.3
72	1.0582	.075708	.7688	194.	5.	2.6
73	1.1956	.099575	1.9645	257.	15.	5.8
75	1.1131	.150381	.7519	62.	7.	11.3
76	.8696	.074402	-1.7526	28.	2.	7.1
78	1.1054	.203588	.5177	55.	7.	12.7
79	1.4076	.279262	1.4597	112.	9.	8.0
80	.9085	.034335	-2.6652	282.	13.	4.6
81	1.1198	.088666	1.3515	120.	3.	2.5
82	1.2295	.171553	1.3376	45.	1.	2.2
83	1.0116	.109165	.1059	82.	6.	7.3
86	.9824	.111599	-.1576	74.	4.	5.4
891239	1.1223	.140960	.8678	84.	5.	6.0
ALLSIC	1.0683	.032117	2.1256	1567.	80.	5.1

AREA:SERVICES TITLE:IQ PAYROLL -- OUTLIER ADJUSTMENT FACTOR=2.5 R-HAT=ADMINISTRATIVE ADJ

SINGLE UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
4722	1.0446	.071798	.6212	27.	0.	.0
70	.9672	.029907	-1.0967	118.	10.	8.5
72	1.0320	.041905	.7615	130.	3.	2.3
73	1.0671	.032474	2.0676	204.	21.	10.3
75	1.0872	.096612	.9031	36.	4.	11.1
76	.8871	.075473	-1.4954	21.	3.	14.3
78	1.0734	.164674	.4454	35.	8.	22.9
79	1.1280	.097940	1.3070	103.	16.	15.5
80	.9124	.022706	-3.8594	267.	25.	9.4
81	1.0078	.036666	.2662	113.	4.	3.5
82	1.1140	.087494	1.3027	38.	3.	7.9
83	.9782	.046928	-.4644	54.	4.	7.4
86	.9475	.044859	-1.1698	60.	5.	8.3
891239	.9575	.036694	-1.1594	74.	7.	9.5
ALLSIC	1.0003	.014004	.0213	1280.	113.	8.8

MULTI UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
4722	.9810	.049907	-.3809	13.	2.	15.4
70	1.0865	.074065	1.1674	14.	3.	21.4
72	.9919	.053739	-.1515	64.	5.	7.8
73	1.0252	.092061	.2742	53.	9.	17.0
75	.9057	.129525	-.7284	26.	12.	46.2
76	.8838	.114450	-1.0154	7.	2.	28.6
78	1.0481	.009903	.5354	20.	2.	10.0
79	.9382	.139549	-.4428	9.	1.	11.1
80	.9909	.081435	-.1119	15.	3.	20.0
81	1.6438	.372719	1.7273	7.	2.	28.6
82	.9881	.280301	-.0423	7.	2.	28.6
83	1.0206	.098006	.2107	28.	4.	14.3
86	1.0259	.217402	.1191	14.	2.	14.3
891239	1.3733	.311454	1.1986	10.	2.	20.0
ALLSIC	1.0414	.039285	1.0526	287.	51.	17.8

SUBU UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
4722	1.0250	.051554	.4843	40.	2.	5.0
70	.9967	.028718	-.1139	132.	13.	9.8
72	1.0175	.033000	.5307	194.	8.	4.1
73	1.0547	.035865	1.5239	257.	30.	11.7
75	1.0546	.082720	.6598	62.	16.	25.8
76	.8864	.064262	-1.7673	28.	5.	17.9
78	1.0642	.109308	.5871	55.	10.	18.2
79	1.0967	.087483	1.1056	112.	17.	15.2
80	.9238	.023140	-3.2946	282.	28.	9.9
81	1.0433	.043109	1.0039	120.	6.	5.0
82	1.0969	.085559	1.1322	45.	5.	11.1
83	.9918	.044854	-.1822	82.	8.	9.8
86	.9627	.055869	-.6684	74.	7.	9.5
891239	1.0557	.075350	.7392	84.	9.	10.7
ALLSIC	1.0094	.013930	.6730	1567.	164.	10.5

AREA:SERVICES TITLE:1Q PAYROLL -- OUTLIER ADJUSTMENT FACTOR=2.5 R-HAT=ZERO ADJ

SINGLE UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
4722	1.0538	.086683	.6211	27.	0.	.0
70	.9428	.050050	-1.1246	118.	10.	8.5
72	1.0402	.063346	.7604	130.	3.	2.3
73	1.1026	.049154	2.0882	204.	21.	10.3
75	1.0970	.107903	.9066	36.	4.	11.1
76	.8832	.077511	-1.5066	21.	3.	14.3
78	1.0947	.212520	.4456	35.	8.	22.9
79	1.1651	.124057	1.3306	103.	16.	15.5
80	.8913	.027315	-3.9707	267.	25.	9.4
81	1.0116	.043496	.2657	113.	4.	3.5
82	1.1324	.101520	1.3046	38.	3.	7.9
83	.9728	.058394	-.4657	54.	4.	7.4
86	.9334	.056713	-1.1742	60.	5.	8.3
891239	.9498	.042059	-1.1719	74.	7.	9.5
ALLSIC	1.0004	.018249	.0213	1280.	113.	8.8

MULTI UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
4722	.9450	.138369	-.3920	13.	2.	15.4
70	1.2206	.207082	1.0653	14.	3.	21.4
72	.9821	.118318	-.1511	64.	5.	7.8
73	1.0426	.155852	.2734	53.	9.	17.0
75	.8917	.146761	-.7382	26.	12.	46.2
76	.6936	.294325	-1.0409	7.	2.	28.6
78	1.0976	.188063	.5188	20.	2.	10.0
79	.8982	.208766	-.4878	9.	1.	11.1
80	.9889	.078950	-.1119	15.	3.	20.0
81	2.1332	.195620	5.7930	7.	2.	28.6
82	.9843	.370069	-.0424	7.	2.	28.6
83	1.0519	.242125	.2143	28.	4.	14.3
86	1.0259	.217402	.1191	14.	2.	14.3
891239	2.1549	.338822	3.4086	10.	2.	20.0
ALLSIC	1.0715	.067079	1.0656	287.	51.	17.8

SU+MU UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
4722	1.0367	.076007	.4825	40.	2.	5.0
70	.9938	.054387	-.1138	132.	13.	9.8
72	1.0297	.056034	.5309	194.	8.	4.1
73	1.0860	.056415	1.5238	257.	30.	11.7
75	1.0615	.092908	.6614	62.	16.	25.8
76	.8653	.075267	-1.7898	28.	5.	17.9
78	1.0955	.163698	.5832	55.	10.	18.2
79	1.1294	.116624	1.1093	112.	17.	15.2
80	.9057	.028246	-3.3372	282.	28.	9.9
81	1.0521	.051949	1.0039	120.	6.	5.0
82	1.1144	.101128	1.1316	45.	5.	11.1
83	.9878	.066834	-.1820	82.	8.	9.8
86	.9550	.067377	-.6686	74.	7.	9.5
891239	1.0770	.099570	.7735	84.	9.	10.7
ALLSIC	1.0129	.019180	.6736	1567.	164.	10.5

AREA:SERVICES TITLE:IQ PAYROLL -- OUTLIER ADJUSTMENT=7.5 (SPECIAL) R-HAT=ADMINISTRATIVE ADJ

SINGLE UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
4722	1.0446	.071798	.6212	27.	0.	.0
70	.9660	.033187	-1.0245	118.	2.	1.7
72	1.0301	.043061	.8055	130.	1.	.8
73	1.0951	.044565	2.1342	204.	5.	2.5
75	1.1473	.150142	.9314	36.	0.	.0
76	.8818	.000599	-1.4663	21.	2.	9.5
78	1.0607	.169164	.3586	35.	3.	8.6
79	1.1769	.161962	1.0921	103.	6.	5.8
80	.9367	.020023	-3.1618	267.	9.	3.4
81	1.0402	.040819	.9846	113.	1.	.9
82	1.2281	.166961	1.3664	38.	0.	.0
83	.9836	.048081	-.3408	54.	1.	1.9
86	.9414	.050710	-1.1547	60.	2.	3.3
891239	.9616	.049700	-.7730	74.	1.	1.4
ALLSIC	1.0256	.019553	1.3073	1280.	33.	2.6

MULTI UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
4722	.9788	.051777	-.4096	13.	0.	.0
70	1.1125	.098841	1.1386	14.	0.	.0
72	.9674	.039772	-.8196	64.	2.	3.1
73	1.1510	.172237	.8765	53.	4.	7.5
75	.9745	.141328	-.1803	26.	3.	11.5
76	.8573	.129188	-1.1044	7.	0.	.0
78	1.0316	.098193	.3217	20.	0.	.0
79	1.0968	.282366	.3428	9.	0.	.0
80	1.0692	.166446	.4155	15.	1.	6.7
81	1.2102	.113062	1.8593	7.	1.	14.3
82	1.0701	.406424	.1725	7.	0.	.0
83	1.1279	.199993	.6397	28.	1.	3.6
86	1.3837	.392833	.9768	14.	1.	7.1
891239	1.5244	.449587	1.1665	10.	0.	.0
ALLSIC	1.1227	.066922	1.8338	287.	13.	4.5

SUMU UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
4722	1.0243	.051712	.4697	40.	0.	.0
70	1.0023	.034602	.0658	132.	2.	1.5
72	1.0126	.030812	.4103	194.	3.	1.5
73	1.1118	.060099	1.8596	257.	9.	3.5
75	1.1162	.132716	.8756	62.	3.	4.8
76	.8767	.069109	-1.7845	28.	2.	7.1
78	1.0501	.112882	.4437	55.	3.	5.5
79	1.1637	.143697	1.1391	112.	6.	5.4
80	.9559	.030174	-1.4610	282.	10.	3.5
81	1.0492	.039469	1.2460	120.	2.	1.7
82	1.2066	.155503	1.3289	45.	0.	.0
83	1.0299	.072305	.4139	82.	2.	2.4
86	1.0269	.091002	.2952	74.	3.	4.1
891239	1.0946	.108184	.8741	84.	1.	1.2
ALLSIC	1.0470	.021228	2.2160	1567.	46.	2.9

AREA:SERVICES TITLE:IQ PAYROLL -- OUTLIER ADJUSTMENT=7.5 (SPECIAL) R-HAT=ZERO ADJ

SINGLE UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
4722	1.0538	.086603	.6211	27.	0.	.0
70	.9407	.056568	-1.0400	118.	2.	1.7
72	1.0575	.064941	.8847	130.	1.	.8
73	1.1454	.067382	2.1578	204.	5.	2.5
75	1.1651	.176755	.9343	36.	0.	.0
76	.8777	.082711	-1.4783	21.	2.	9.5
78	1.0783	.218323	.3587	35.	3.	8.6
79	1.2201	.207526	1.0991	103.	6.	5.8
80	.9215	.024532	-3.2003	267.	9.	3.4
81	1.0476	.048713	.9770	113.	1.	.9
82	1.2651	.192421	1.3776	38.	0.	.0
83	.9796	.059835	-.3417	54.	1.	1.9
86	.9257	.064060	-1.1599	60.	2.	3.3
891239	.9546	.058354	-.7773	74.	1.	1.4
ALLSIC	1.0333	.025469	1.3078	1280.	33.	2.6

MULTI UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
4722	.9395	.143083	-.4229	13.	0.	.0
70	1.2871	.270040	1.0327	14.	0.	.0
72	.9284	.089227	-.8020	64.	2.	3.1
73	1.2548	.292399	.8715	53.	4.	7.5
75	.9707	.162056	-.1806	26.	3.	11.5
76	.6239	.330725	-1.1372	7.	0.	.0
78	1.0640	.204028	.3138	20.	0.	.0
79	1.1595	.482081	.3304	9.	0.	.0
80	1.0840	.202009	.4142	15.	1.	6.7
81	1.3700	.253208	1.4614	7.	1.	14.3
82	1.0927	.540442	.1715	7.	0.	.0
83	1.3214	.470828	.6827	28.	1.	3.6
86	1.3837	.392833	.9768	14.	1.	7.1
891239	2.6226	.493740	3.2863	10.	0.	.0
ALLSIC	1.2121	.113661	1.8662	287.	13.	4.5

SU+MU UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
4722	1.0357	.076242	.4679	40.	0.	.0
70	1.0043	.065425	.0659	132.	2.	1.5
72	1.0215	.052321	.4104	194.	3.	1.5
73	1.1758	.094409	1.8620	257.	9.	3.5
75	1.1308	.149010	.8781	62.	3.	4.8
76	.8537	.080962	-1.8069	28.	2.	7.1
78	1.0745	.168901	.4411	55.	3.	5.5
79	1.2189	.191950	1.1405	112.	6.	5.4
80	.9455	.037253	-1.4631	282.	10.	3.5
81	1.0593	.048052	1.2333	120.	2.	1.7
82	1.2441	.182747	1.3359	45.	0.	.0
83	1.0445	.106960	.4164	82.	2.	2.4
86	1.0324	.109757	.2953	74.	3.	4.1
891239	1.1307	.141533	.9238	84.	1.	1.2
ALLSIC	1.0648	.029139	2.2247	1567.	46.	2.9

AREA:SERVICES TITLE:IQ EMPLOYMENT -- NO OUTLIER ADJUSTMENT R-HAT=ADMINISTRATIVE ADJ

SINGLE UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
4722	1.1091	.131400	.8301	27.	0.	.0
70	1.0752	.062704	1.1970	118.	0.	.0
72	1.0077	.049704	.1540	130.	0.	.0
73	1.6431	.282784	2.2743	204.	0.	.0
75	1.4271	.159082	2.6851	36.	0.	.0
76	1.0035	.103910	.0334	21.	0.	.0
78	1.2173	.257110	.8450	35.	0.	.0
79	1.7484	.293319	2.5514	103.	0.	.0
80	1.1580	.080587	1.9612	267.	0.	.0
81	1.1182	.035534	3.3277	113.	0.	.0
82	1.4345	.150778	2.8819	38.	0.	.0
83	1.4126	.265180	1.5558	54.	0.	.0
86	1.1963	.196397	.9997	60.	0.	.0
891239	1.1280	.066908	1.9137	74.	0.	.0
ALLSIC	1.3019	.061624	4.8985	1280.	0.	.0

MULTI UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
4722	1.0610	.094637	.6446	13.	0.	.0
70	1.5948	.423064	1.4058	14.	0.	.0
72	1.3754	.339591	1.1054	64.	0.	.0
73	1.2463	.241074	1.0216	53.	0.	.0
75	.9053	.137971	-.6861	26.	0.	.0
76	.9307	.048620	-1.4248	7.	0.	.0
78	1.1477	.271581	.5438	20.	0.	.0
79	2.6229	1.193675	1.3596	9.	0.	.0
80	1.4443	.194688	2.2822	15.	0.	.0
81	3.2671	1.560591	1.4527	7.	0.	.0
82	.9322	.490919	-.1381	7.	0.	.0
83	1.1605	.214355	.7488	28.	0.	.0
86	.7970	.161707	-1.2550	14.	0.	.0
891239	1.5336	.516110	1.0338	10.	0.	.0
ALLSIC	1.3588	.112757	3.1821	287.	0.	.0

SU+MU UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
4722	1.0966	.099692	.9686	40.	0.	.0
70	1.1737	.092538	1.8775	132.	0.	.0
72	1.1199	.109514	1.0949	194.	0.	.0
73	1.5478	.223735	2.4485	257.	0.	.0
75	1.3344	.132322	2.5269	62.	0.	.0
76	.9875	.080632	-.1552	28.	0.	.0
78	1.1901	.189020	1.0058	55.	0.	.0
79	1.8537	.303855	2.8095	112.	0.	.0
80	1.2108	.075840	2.7800	282.	0.	.0
81	1.2331	.108164	2.1547	120.	0.	.0
82	1.3641	.155702	2.3383	45.	0.	.0
83	1.3230	.185708	1.7383	82.	0.	.0
86	1.1390	.168471	.8253	74.	0.	.0
891239	1.2030	.107531	1.8876	84.	0.	.0
ALLSIC	1.3140	.054117	5.8029	1567.	0.	.0

AREA:SERVICES TITLE:IQ EMPLOYMENT -- NO OUTLIER ADJUSTMENT R-HAT=ZERO ADJ

SINGLE UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
4722	1.1442	.174530	.8261	27.	0.	.0
70	1.1392	.115722	1.2033	118.	0.	.0
72	1.0113	.073518	.1538	130.	0.	.0
73	1.9732	.418924	2.3232	204.	0.	.0
75	1.4877	.180911	2.6961	36.	0.	.0
76	1.0037	.110094	.0334	21.	0.	.0
78	1.2026	.332133	.8508	35.	0.	.0
79	1.9433	.366373	2.5747	103.	0.	.0
80	1.2090	.107122	1.9512	267.	0.	.0
81	1.1365	.041679	3.2749	113.	0.	.0
82	1.5216	.170004	3.0682	38.	0.	.0
83	1.4920	.314600	1.5639	54.	0.	.0
86	1.2439	.243146	1.0029	60.	0.	.0
891239	1.1494	.070209	1.9099	74.	0.	.0
ALLSIC	1.4104	.083021	4.9436	1280.	0.	.0

MULTI UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
4722	1.1536	.233107	.6589	13.	0.	.0
70	2.3369	1.054808	1.2675	14.	0.	.0
72	1.7953	.720676	1.1036	64.	0.	.0
73	1.4116	.411706	.9996	53.	0.	.0
75	.8813	.169937	-.6986	26.	0.	.0
76	.8120	.135169	-1.3906	7.	0.	.0
78	1.3245	.595924	.5445	20.	0.	.0
79	4.5901	.764705	4.6948	9.	0.	.0
80	1.5289	.241429	2.1909	15.	0.	.0
81	4.6077	1.080909	3.3131	7.	0.	.0
82	.9157	.605213	-.1393	7.	0.	.0
83	1.3772	.471860	.7995	28.	0.	.0
86	.7970	.161707	-1.2550	14.	0.	.0
891239	2.7617	.700848	2.5136	10.	0.	.0
ALLSIC	1.6208	.190039	3.2667	287.	0.	.0

SUBU UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
4722	1.1456	.151839	.9592	40.	0.	.0
70	1.3330	.170648	1.9514	132.	0.	.0
72	1.1951	.178577	1.0927	194.	0.	.0
73	1.8482	.341759	2.4820	257.	0.	.0
75	1.3880	.152652	2.5415	62.	0.	.0
76	.9847	.098249	-.1557	28.	0.	.0
78	1.2941	.291302	1.0095	55.	0.	.0
79	2.1349	.386452	2.9367	112.	0.	.0
80	1.2732	.098732	2.7675	282.	0.	.0
81	1.2730	.124165	2.1990	120.	0.	.0
82	1.4392	.182887	2.4013	45.	0.	.0
83	1.4669	.265679	1.7574	82.	0.	.0
86	1.1669	.201403	.8286	74.	0.	.0
891239	1.2689	.132353	2.0319	84.	0.	.0
ALLSIC	1.4475	.076101	5.8798	1567.	0.	.0

AREA:SERVICES TITLE:IQ EMPLOYMENT -- OUTLIER ADJUSTMENT=7.5 R-HAT=ADMINISTRATIVE ADJ

SINGLE UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
4722	1.1091	.131400	.8301	27.	0.	.0
70	1.0743	.062700	1.1847	118.	1.	.8
72	1.0077	.049704	.1540	130.	0.	.0
73	1.4044	.120876	3.3460	204.	4.	2.0
75	1.4271	.159082	2.6851	36.	0.	.0
76	1.0035	.103910	.0334	21.	0.	.0
78	1.2173	.257110	.8450	35.	0.	.0
79	1.6686	.236761	2.8238	103.	6.	5.8
80	1.1130	.060324	1.8735	267.	2.	.7
81	1.1182	.035534	3.3277	113.	0.	.0
82	1.4345	.150778	2.8819	38.	0.	.0
83	1.2222	.100071	2.2024	54.	1.	1.9
86	1.1216	.158704	.7660	60.	4.	6.7
891239	1.1292	.066697	1.9375	74.	1.	1.4
ALLSIC	1.2296	.035088	6.3980	1280.	19.	1.5

MULTI UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
4722	1.0610	.094637	.6446	13.	0.	.0
70	1.5844	.418177	1.3975	14.	2.	14.3
72	1.2144	.187159	1.1453	64.	1.	1.6
73	1.2389	.229600	1.0404	53.	3.	5.7
75	.9061	.137831	-.6812	26.	1.	3.8
76	.9307	.048620	-1.4248	7.	0.	.0
78	1.1477	.271581	.5438	20.	0.	.0
79	2.6229	1.193675	1.3596	9.	0.	.0
80	1.4443	.194688	2.2822	15.	0.	.0
81	3.2671	1.560591	1.4527	7.	0.	.0
82	.9322	.490919	-.1381	7.	0.	.0
83	1.1616	.214287	.7539	28.	1.	3.6
86	.0190	.148215	-1.2210	14.	1.	7.1
891239	1.5336	.516110	1.0338	10.	0.	.0
ALLSIC	1.3361	.105351	3.1904	287.	9.	3.1

SU+MU UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
4722	1.0966	.099692	.9686	40.	0.	.0
70	1.1711	.091825	1.8630	132.	3.	2.3
72	1.0708	.067123	1.0541	194.	1.	.5
73	1.3647	.108049	3.3751	257.	7.	2.7
75	1.3345	.132317	2.5280	62.	1.	1.6
76	.9875	.080632	-.1552	28.	0.	.0
78	1.1901	.109020	1.0058	55.	0.	.0
79	1.7835	.264294	2.9645	112.	6.	5.4
80	1.1741	.062238	2.7975	282.	2.	.7
81	1.2331	.108164	2.1547	120.	0.	.0
82	1.3641	.155702	2.3383	45.	0.	.0
83	1.2006	.099928	2.0075	82.	2.	2.4
86	1.0781	.136677	.5717	74.	5.	6.8
891239	1.2039	.107446	1.8981	84.	1.	1.2
ALLSIC	1.2524	.036109	6.9893	1567.	28.	1.8

AREA:SERVICES TITLE:IQ EMPLOYMENT -- OUTLIER ADJUSTMENT=7.5 R-HAT=ZERO ADJ

SINGLE UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
4722	1.1442	.174530	.8261	27.	0.	.0
70	1.1376	.115589	1.1907	118.	1.	.8
72	1.0113	.073518	.1538	130.	0.	.0
73	1.6120	.169590	3.6089	204.	4.	2.0
75	1.4877	.100911	2.6961	36.	0.	.0
76	1.0037	.110094	.0334	21.	0.	.0
78	1.2826	.332133	.8508	35.	0.	.0
79	1.8427	.295334	2.8535	103.	6.	5.8
80	1.1495	.080242	1.8627	267.	2.	.7
81	1.1365	.041679	3.2749	113.	0.	.0
82	1.5216	.170004	3.0682	38.	0.	.0
83	1.2649	.119387	2.2191	54.	1.	1.9
86	1.1510	.195954	.7705	60.	4.	6.7
891239	1.1508	.077963	1.9336	74.	1.	1.4
ALLSIC	1.3122	.047912	6.5159	1280.	19.	1.5

MULTI UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
4722	1.1536	.233107	.6589	13.	0.	.0
70	2.3137	1.040747	1.2622	14.	2.	14.3
72	1.4542	.393096	1.1553	64.	1.	1.6
73	1.3992	.390760	1.0216	53.	3.	5.7
75	.8823	.169784	-.6935	26.	1.	3.8
76	.8120	.135169	-1.3906	7.	0.	.0
78	1.3245	.595924	.5445	20.	0.	.0
79	4.5901	.764705	4.6948	9.	0.	.0
80	1.5289	.241429	2.1909	15.	0.	.0
81	4.6077	1.088909	3.3131	7.	0.	.0
82	.9157	.605213	-.1393	7.	0.	.0
83	1.3797	.471574	.8051	28.	1.	3.6
86	.8190	.148215	-1.2210	14.	1.	7.1
891239	2.7617	.700848	2.5136	10.	0.	.0
ALLSIC	1.5815	.176454	3.2957	287.	9.	3.1

SUMMJ UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
4722	1.1456	.151839	.9592	40.	0.	.0
70	1.3279	.169439	1.9352	132.	3.	2.3
72	1.1151	.109452	1.0520	194.	1.	.5
73	1.5647	.160345	3.5216	257.	7.	2.7
75	1.3881	.152647	2.5426	62.	1.	1.6
76	.9847	.098249	-.1557	28.	0.	.0
78	1.2941	.291302	1.0095	55.	0.	.0
79	2.0416	.333390	3.1242	112.	6.	5.4
80	1.2256	.080972	2.7868	282.	2.	.7
81	1.2730	.124165	2.1990	120.	0.	.0
82	1.4392	.102887	2.4013	45.	0.	.0
83	1.2900	.140413	2.0655	82.	2.	2.4
86	1.0938	.163274	.5745	74.	5.	6.8
891239	1.2702	.132179	2.0443	84.	1.	1.2
ALLSIC	1.3596	.050235	7.1585	1567.	28.	1.8

AREA:SERVICES TITLE:IQ EMPLOYMENT -- OUTLIER ADJUSTMENT=5.0 R-MAT=ADMINISTRATIVE ADJ

SINGLE UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
4722	1.1091	.131400	.8301	27.	0.	.0
70	1.0685	.061102	1.1195	118.	3.	2.5
72	1.0077	.049704	.1540	130.	0.	.0
73	1.3559	.107016	3.3259	204.	10.	4.9
75	1.4271	.159082	2.6851	36.	0.	.0
76	.9864	.091134	-.1492	21.	1.	4.8
78	1.1958	.237218	.8253	35.	1.	2.9
79	1.4532	.151760	2.9860	103.	10.	9.7
80	1.1089	.059800	1.8216	267.	4.	1.5
81	1.1182	.035534	3.3277	113.	0.	.0
82	1.3945	.121909	3.2359	38.	1.	2.6
83	1.2032	.095730	2.1227	54.	3.	5.6
86	1.1031	.152355	.6765	60.	5.	8.3
891239	1.1309	.066412	1.9713	74.	1.	1.4
ALLSIC	1.1989	.030930	6.4311	1280.	39.	3.0

MULTI UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
4722	1.0610	.094637	.6446	13.	0.	.0
70	1.4292	.299712	1.4321	14.	3.	21.4
72	1.1612	.145116	1.1111	64.	2.	3.1
73	1.1882	.198320	.9492	53.	5.	9.4
75	.9103	.137077	-.6546	26.	2.	7.7
76	.9307	.048620	-1.4248	7.	0.	.0
78	1.1142	.229996	.4964	20.	2.	10.0
79	2.4196	1.036111	1.3701	9.	1.	11.1
80	1.3733	.152097	2.4544	15.	2.	13.3
81	2.7015	1.113973	1.5274	7.	2.	28.6
82	.9431	.485085	-.1173	7.	1.	14.3
83	1.1204	.162786	.7396	28.	2.	7.1
86	.8347	.139511	-1.1852	14.	1.	7.1
891239	1.5336	.516110	1.0338	10.	0.	.0
ALLSIC	1.2696	.086398	3.1207	287.	23.	8.0

SUMU UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
4722	1.0966	.099692	.9686	40.	0.	.0
70	1.1369	.074321	1.8424	132.	6.	4.5
72	1.0545	.056530	.9647	194.	2.	1.0
73	1.3157	.095317	3.3116	257.	15.	5.8
75	1.3352	.132299	2.5339	62.	2.	3.2
76	.9742	.071020	-.3637	28.	1.	3.6
78	1.1639	.169895	.9650	55.	3.	5.5
79	1.5695	.196693	2.8956	112.	11.	9.8
80	1.1577	.057535	2.7407	282.	6.	2.1
81	1.2028	.081275	2.4957	120.	2.	1.7
82	1.3312	.133956	2.4724	45.	2.	4.4
83	1.1738	.084247	2.0625	82.	5.	6.1
86	1.0645	.131332	.4915	74.	6.	8.1
891239	1.2053	.107332	1.9130	84.	1.	1.2
ALLSIC	1.2140	.030548	7.0063	1567.	62.	4.0

AREA:SERVICES TITLE:IQ EMPLOYMENT -- OUTLIER ADJUSTMENT=5.0 R-HAT=ZERO ADJ

SINGLE UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
4722	1.1442	.174530	.8261	27.	0.	.0
70	1.1269	.112091	1.1241	118.	3.	2.5
72	1.0113	.073518	.1538	130.	0.	.0
73	1.5306	.149791	3.5958	204.	10.	4.9
75	1.4877	.100911	2.6961	36.	0.	.0
76	.9056	.096275	-.1496	21.	1.	4.8
78	1.2546	.306168	.8317	35.	1.	2.9
79	1.5712	.160591	3.0288	103.	10.	9.7
80	1.1441	.079530	1.8114	267.	4.	1.5
81	1.1365	.041679	3.2749	113.	0.	.0
82	1.4735	.135744	3.4805	38.	1.	2.6
83	1.2423	.113361	2.1377	54.	3.	5.6
86	1.1280	.107990	.6810	60.	5.	8.3
891239	1.1527	.077631	1.9674	74.	1.	1.4
ALLSIC	1.2704	.041277	6.5519	1280.	39.	3.0

MULTI UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
4722	1.1536	.233107	.6589	13.	0.	.0
70	1.9648	.760930	1.2679	14.	3.	21.4
72	1.3416	.302552	1.1291	64.	2.	3.1
73	1.3146	.337120	.9332	53.	5.	9.4
75	.8875	.169045	-.6657	26.	2.	7.7
76	.8120	.135169	-1.3906	7.	0.	.0
78	1.2508	.506876	.4949	20.	2.	10.0
79	4.1403	.638909	4.9150	9.	1.	11.1
80	1.4444	.187733	2.3672	15.	2.	13.3
81	3.7077	.726779	3.7256	7.	2.	28.6
82	.9293	.598740	-.1181	7.	1.	14.3
83	1.2830	.358439	.7894	28.	2.	7.1
86	.8347	.139511	-1.1852	14.	1.	7.1
891239	2.7617	.700848	2.5136	10.	0.	.0
ALLSIC	1.4665	.144915	3.2191	287.	23.	8.0

SU+MU UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
4722	1.1456	.151839	.9592	40.	0.	.0
70	1.2625	.138336	1.8973	132.	6.	4.5
72	1.0888	.092155	.9631	194.	2.	1.0
73	1.4088	.141285	3.4594	257.	15.	5.8
75	1.3890	.152622	2.5487	62.	2.	3.2
76	.9684	.086090	-.3669	28.	1.	3.6
78	1.2536	.262105	.9675	55.	3.	5.5
79	1.7571	.246082	3.0768	112.	11.	9.8
80	1.2044	.074789	2.7325	282.	6.	2.1
81	1.2376	.093248	2.5484	120.	2.	1.7
82	1.3995	.157359	2.5387	45.	2.	4.4
83	1.2512	.118727	2.1159	82.	5.	6.1
86	1.0775	.156890	.4939	74.	6.	8.1
891239	1.2720	.131941	2.0618	84.	1.	1.2
ALLSIC	1.3050	.042521	7.1720	1567.	62.	4.0

AREA:SERVICES TITLE:1Q EMPLOYMENT -- OUTLIER ADJUSTMENT FACTOR=2.5 R-HAT=ADMINISTRATIVE ADJ

SINGLE UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
4722	1.1029	.119397	.8622	27.	3.	11.1
70	1.0380	.039869	.9520	118.	10.	8.5
72	.9831	.039767	-.4259	130.	10.	7.7
73	1.2586	.079860	3.2381	204.	25.	12.3
75	1.3600	.124715	2.8865	36.	4.	11.1
76	.9617	.071506	-.5351	21.	3.	14.3
78	1.0681	.140444	.4850	35.	6.	17.1
79	1.2228	.077421	2.8775	103.	14.	13.6
80	1.0947	.056409	1.6785	267.	14.	5.2
81	1.1145	.034612	3.3081	113.	2.	1.8
82	1.3134	.094906	3.3023	38.	5.	13.2
83	1.1618	.077235	2.0945	54.	8.	14.8
86	1.1028	.140016	.7339	60.	7.	11.7
891239	1.1228	.059290	2.0720	74.	4.	5.4
ALLSIC	1.1428	.023553	6.0641	1280.	115.	9.0

MULTI UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
4722	1.0617	.090444	.6530	13.	1.	7.7
70	1.2027	.146739	1.3814	14.	4.	28.6
72	1.0624	.070923	.8799	64.	5.	7.8
73	1.0434	.105738	.4103	53.	11.	20.8
75	.9312	.129455	-.5314	26.	7.	26.9
76	.9390	.047170	-1.2924	7.	1.	14.3
78	1.0159	.097839	.1628	20.	3.	15.0
79	1.5527	.393252	1.4056	9.	2.	22.2
80	1.2662	.132165	2.0143	15.	4.	26.7
81	1.7710	.396950	1.9423	7.	2.	28.6
82	.9105	.368629	-.2429	7.	4.	57.1
83	1.0486	.068819	.7064	28.	3.	10.7
86	.8815	.119478	-.9916	14.	1.	7.1
891239	1.3030	.272930	1.1100	10.	1.	10.0
ALLSIC	1.1219	.045960	2.6517	287.	49.	17.1

SU+MU UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
4722	1.0922	.091146	1.0116	40.	4.	10.0
70	1.0692	.042637	1.6234	132.	14.	10.6
72	1.0073	.035306	.2063	194.	15.	7.7
73	1.2069	.067548	3.0630	257.	36.	14.0
75	1.2837	.103395	2.7443	62.	11.	17.7
76	.9568	.056386	-.7670	28.	4.	14.3
78	1.0478	.093306	.5118	55.	9.	16.4
79	1.2625	.086636	3.0301	112.	16.	14.3
80	1.1263	.053022	2.3823	282.	18.	6.4
81	1.1496	.042833	3.4921	120.	4.	3.3
82	1.2569	.104819	2.4509	45.	9.	20.0
83	1.1215	.054870	2.2151	82.	11.	13.4
86	1.0710	.120785	.5879	74.	8.	10.8
891239	1.1561	.069213	2.2558	84.	5.	6.0
ALLSIC	1.1383	.020959	6.6006	1567.	164.	10.5

AREA:SERVICES TITLE:IQ EMPLOYMENT -- OUTLIER ADJUSTMENT FACTOR=2.5 R-HAT=ZERO ADJ

SINGLE UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
4722	1.1361	.158981	.8559	27.	3.	11.1
70	1.0703	.073656	.9548	118.	10.	8.5
72	.9750	.058416	-.4282	130.	10.	7.7
73	1.3913	.111813	3.4998	204.	25.	12.3
75	1.4111	.141645	2.9021	36.	4.	11.1
76	.9595	.075074	-.5398	21.	3.	14.3
78	1.0886	.101374	.4884	35.	6.	17.1
79	1.2808	.095477	2.9411	103.	14.	13.6
80	1.1252	.075011	1.6694	267.	14.	5.2
81	1.1322	.040575	3.2575	113.	2.	1.8
82	1.3762	.104918	3.5058	38.	5.	13.2
83	1.1929	.091139	2.1168	54.	8.	14.8
86	1.1276	.172202	.7412	60.	7.	11.7
891239	1.1433	.069142	2.0728	74.	4.	5.4
ALLSIC	1.1942	.031475	6.1696	1200.	115.	9.0

MULTI UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
4722	1.1553	.232361	.6683	13.	1.	7.7
70	1.4557	.307106	1.1771	14.	4.	28.6
72	1.1322	.147724	.8950	64.	5.	7.8
73	1.0725	.179124	.4048	53.	11.	20.8
75	.9137	.160464	-.5376	26.	7.	26.9
76	.8346	.132031	-1.2528	7.	1.	14.3
78	1.0350	.217333	.1610	20.	3.	15.0
79	2.2227	.205088	5.9389	9.	2.	22.2
80	1.3169	.158502	1.9995	15.	4.	26.7
81	2.2269	.160286	7.2907	7.	2.	28.6
82	.8887	.451582	-.2465	7.	4.	57.1
83	1.1143	.152341	.7500	28.	3.	10.7
86	.8815	.119478	-.9916	14.	1.	7.1
891239	2.0003	.374228	2.6729	10.	1.	10.0
ALLSIC	1.2109	.078171	2.6974	287.	49.	17.1

SU+MU UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
4722	1.1391	.139231	.9988	40.	4.	10.0
70	1.1327	.080740	1.6431	132.	14.	10.6
72	1.0119	.057517	.2061	194.	15.	7.7
73	1.3204	.100418	3.1904	257.	36.	14.0
75	1.3292	.119174	2.7626	62.	11.	17.7
76	.9471	.067705	-.7812	28.	4.	14.3
78	1.0739	.144520	.5111	55.	9.	16.4
79	1.3490	.107924	3.2336	112.	16.	14.3
80	1.1637	.068823	2.3787	282.	18.	6.4
81	1.1752	.049620	3.5315	120.	4.	3.3
82	1.3099	.122049	2.5225	45.	9.	20.0
83	1.1757	.078020	2.2522	82.	11.	13.4
86	1.0852	.143922	.5923	74.	8.	10.8
891239	1.2069	.005737	2.4128	84.	5.	6.0
ALLSIC	1.1971	.029353	6.7157	1567.	164.	10.5

AREA:SERVICES TITLE:IQ EMPLOYMENT -- OUTLIER ADJUSTMENT=7.5 (SPECIAL) R-HAT=ADMINISTRATIVE ADJ

SINGLE UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
4722	1.1091	.131400	.6301	27.	0.	.0
70	1.0675	.062276	1.0839	110.	1.	.8
72	1.0077	.049704	.1540	130.	0.	.0
73	1.3559	.108499	3.2803	204.	4.	2.0
75	1.4271	.159082	2.6851	36.	0.	.0
76	1.0035	.103710	.0334	21.	0.	.0
78	1.2173	.257110	.8450	35.	0.	.0
79	1.3438	.159831	2.1510	103.	6.	5.8
80	1.1032	.059656	1.7296	267.	2.	.7
81	1.1102	.035534	3.3277	113.	0.	.0
82	1.4345	.150778	2.8019	38.	0.	.0
83	1.1880	.092130	2.0407	54.	1.	1.9
86	1.2058	.118089	1.7314	60.	4.	6.7
891239	1.1513	.064816	2.3340	74.	1.	1.4
ALLSIC	1.1963	.031114	6.3077	1200.	19.	1.5

MULTI UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
4722	1.0610	.094637	.6446	13.	0.	.0
70	1.4499	.378399	1.1890	14.	2.	14.3
72	1.0748	.109906	.6807	64.	1.	1.6
73	1.3023	.195950	1.5430	53.	3.	5.7
75	.9487	.138905	-.3690	26.	1.	3.8
76	.9307	.048620	-1.4248	7.	0.	.0
78	1.1477	.271581	.5438	20.	0.	.0
79	2.6229	1.193675	1.3596	9.	0.	.0
80	1.4443	.194688	2.2822	15.	0.	.0
81	3.2671	1.560591	1.4527	7.	0.	.0
82	.9322	.490919	-.1381	7.	0.	.0
83	1.2052	.214337	.9572	28.	1.	3.6
86	1.0221	.140241	.1578	14.	1.	7.1
891239	1.5336	.516110	1.0338	10.	0.	.0
ALLSIC	1.3281	.098084	3.3177	287.	9.	3.1

SUBU UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
4722	1.0966	.099692	.9686	40.	0.	.0
70	1.1401	.086712	1.6152	132.	3.	2.3
72	1.0282	.048364	.5821	194.	1.	.5
73	1.3430	.095099	3.6072	257.	7.	2.7
75	1.3421	.132360	2.5845	62.	1.	1.6
76	.9875	.080632	-.1552	28.	0.	.0
78	1.1901	.189020	1.0058	55.	0.	.0
79	1.4978	.223143	2.2310	112.	6.	5.4
80	1.1661	.061851	2.6854	282.	2.	.7
81	1.2331	.108164	2.1547	120.	0.	.0
82	1.3641	.155702	2.3383	45.	0.	.0
83	1.1941	.096642	2.0086	82.	2.	2.4
86	1.1795	.103803	1.7290	74.	5.	6.8
891239	1.2219	.106728	2.0794	84.	1.	1.2
ALLSIC	1.2244	.032400	6.9270	1567.	28.	1.8

AREA:SERVICES TITLE:IQ EMPLOYMENT -- OUTLIER ADJUSTMENT=7.5 (SPECIAL) R-HAT=ZERO ADJ

SINGLE UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
4722	1.1442	.174530	.8261	27.	0.	.0
70	1.1251	.114967	1.0879	118.	1.	.8
72	1.0113	.073518	.1538	130.	0.	.0
73	1.5306	.150345	3.5823	204.	4.	2.0
75	1.4877	.180911	2.6961	36.	0.	.0
76	1.0037	.110094	.0334	21.	0.	.0
78	1.2826	.332133	.8508	35.	0.	.0
79	1.4334	.201570	2.1498	103.	6.	5.8
80	1.1365	.079303	1.7208	267.	2.	.7
81	1.1365	.041679	3.2749	113.	0.	.0
82	1.5216	.170004	3.0682	38.	0.	.0
83	1.2242	.109266	2.0520	54.	1.	1.9
86	1.2557	.142722	1.7914	60.	4.	6.7
891239	1.1765	.075754	2.3297	74.	1.	1.4
ALLSIC	1.2660	.041479	6.4331	1280.	19.	1.5

MULTI UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
4722	1.1536	.233107	.6589	13.	0.	.0
70	2.0113	.909031	1.1125	14.	2.	14.3
72	1.1585	.228300	.6940	64.	1.	1.6
73	1.5053	.321755	1.5704	53.	3.	5.7
75	.9357	.172608	-.3724	26.	1.	3.8
76	.8120	.135169	-1.3906	7.	0.	.0
78	1.3245	.595924	.5445	20.	0.	.0
79	4.5901	.764705	4.6948	9.	0.	.0
80	1.5289	.241429	2.1909	15.	0.	.0
81	4.6077	1.088909	3.3131	7.	0.	.0
82	.9157	.605213	-.1393	7.	0.	.0
83	1.4822	.467864	1.0306	28.	1.	3.6
86	1.0221	.140241	.1578	14.	1.	7.1
891239	2.7617	.700848	2.5136	10.	0.	.0
ALLSIC	1.5676	.164020	3.4607	287.	9.	3.1

SUMU UNITS SIC	RATIO	STD ERROR	TEST RATIO	SAMPLE SIZE	# OUTLIERS	% CHANGED
4722	1.1456	.151839	.9592	40.	0.	.0
70	1.2685	.161697	1.6602	132.	3.	2.3
72	1.0458	.078767	.5817	194.	1.	.5
73	1.5312	.137313	3.8683	257.	7.	2.7
75	1.3969	.152738	2.5987	62.	1.	1.6
76	.9847	.098249	-.1557	28.	0.	.0
78	1.2941	.291302	1.0095	55.	0.	.0
79	1.6618	.285578	2.3175	112.	6.	5.4
80	1.2153	.080420	2.6766	282.	2.	.7
81	1.2730	.124165	2.1990	120.	0.	.0
82	1.4392	.102887	2.4013	45.	0.	.0
83	1.2806	.135782	2.0668	82.	2.	2.4
86	1.2154	.120955	1.7811	79.	5.	6.8
891239	1.2940	.130155	2.2591	84.	1.	1.2
ALLSIC	1.3198	.044942	7.1155	1567.	28.	1.8