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SECTION 8
EXISTING HOUSING PROGRAM

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These appendices provide additional information on a study of HUD's method in reimbursing Public Housing Agencies (PHA's) for the cost of administering the Section 8 Existing Housing Program. One appendix describes the primary sources of information used in the review of PHA administrative costs, the manner in which the informationwas obtained, and the nature of data limitations. Another compares the weighted and unweighted study samples to the PHA population and then examines the distribution of response rates for each source data. Also appended are tables depicting the frequencies on improtant study variables and the correlation matrix. Other appendices present the data layout and codebook, standard HUD data collection forms, the study interview guides and the mail survey questionnaire, and comments on HUD reporting requirements. An analysis of responses to questionnaire item no. 24 involving a request for PHA comments and recommendations on the current fee structure is included, along with the Statistical Package for the Social Sciences program. The appendices include footnotes and data tables.

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LIST OF APPENDICES

APPENDIX A

METHODOLOGY

The analysis of the method currently followed by HUD in reimbursing PHAs for the cost of administering the Section 8 - Existing Housing Program was based on examination of a representative sample of metro and non-metro PHAs. Information was obtained from HUD reports, HUD and other agency data bases, related research studies, Regional Office interviews and from a mail questionnaire survey. This appendix describes the primary sources of information that were used in the review of PHA administrative costs, the manner in which the information was obtained, and the nature of data limitations.

1. NATURE AND SOURCES OF INFORMATION

The information analyzed for this research was based on data collected for a representative sample of 435 PHAs out of a total population of approximately 1700 PHAs administering a Section 8 - Existing Housing program. Sources of information can be divided into two main categories, a) data available through routine HUD reporting processes as well as other HUD or other agency data collection activities or studies and, b) data collected from HUD or PHA personnel by interview or questionnaire techniques.

The data sources included the following:

- PHA Program and Financial Reports

  Basic program and financial data on Section 8 Existing projects was derived from three standard forms routinely submitted to HUD as part of program administration requirements. (See Appendix F for copies of the HUD forms used in the study.)

(a) HUD Section 8 Housing Assistance Payments Program ACC/HAP Contract List (HUD-5041C)

The number, size, type and Fair Market Rent (FMR) of units were stated for each project. This form is submitted to HUD as a project planning instrument. The information contained in the 5041C provided basic data required for calculation of per unit month (PUM) costs, and for analysis of the relationship of administrative costs for FMRs.

(b) Voucher for Payment of Annual Contributions Housing Assistance Payments Program (HUD-52681)

This form is submitted at the close of each fiscal year to reconcile authorized and earned payments with actual HUD payments. At the beginning of each year, the PHA submits an estimate of the Annual Contribution required based on assumptions about the number of units under lease for the year and of preliminary and administrative expenses. The information on this form provided some indication of the effectiveness of the PHA in meeting its lease-up plan and developing reliable budgets. A key entry on the form is the administrative fee earned by the PHA based upon the reimbursement formula. This entry was compared with actual costs to determine the adequacy of coverage. Year-end settlement entries also include any underpayments or overpayments by HUD to PHAs which were used to evaluate PHA cash management practices.

(c) Operating Statement Housing Assistance Payments Program (HUD-52682)

This form is submitted annually describing the financial performance of the PHA in the administration of the Section 8 Program. Operating receipts and operating expenditures are described in terms of major income and expense accounts in detail. The operating statement provided the information on actual administrative costs used both to calculate PUM costs and to analyze the effects of program characteristics on costs, as well as the adequacy of the current reimbursement schedule.

. PHA Audit Reports

An audit by an Independent Public Accountant of HUD programs administered by a PHA is required once every two years. Audit reports were collected for a subsample of PHAs that had submitted them to the Regional Inspector General for the period covered by the study. The reports provided limited information on the accounting practices of PHAs and problems encountered in complying with program requirements.

. Regional Inspector General and Regional Accounting Division Staff Interviews

Interviews were conducted in the Regional Offices with representatives of the Regional Inspector General's Office (RIG) and the Regional Accounting Division who are familiar with the financial practices of PHAs in the administration of the program. The primary intent of these interviews was to identify the types of errors that

commonly occur in recording or reporting Section 8 financial information. These personnel were also queried about difficulties encountered by the PHAs in calculating both the Housing Assistance Payments and the administrative fee claimed by the PHA.

(A copy of the questionnaire used in interviewing Regional Office Staff is included in Appendix F.)

- Section 8 MIS and LIAPS Data

The central file of Section 8 projects maintained by HUD Central on the Section 8 Management Information System (MIS) was used to generate separate lists of PHAs administering Section 8 Existing Housing Programs for metropolitan and non-metropolitan areas as of June 30, 1979.

Information on the characteristics of families moving into and occupying Section 8 Existing Housing units was obtained from the Low-Income Applicant Processing System (LIAPS). The data was principally drawn from HUD Form 52675 - Report on Family Characteristics. Information on various characteristics of Section 8 tenants such as number of minority staffs, sex of head of households, average income, family size and source of income were studied to determine the effects, if any, on administrative costs.

- Area Wage and Income Data

Information on local wages in the PHA jurisdiction was obtained for each available SMSA and county from the Bureau of Labor Statistics. The information was obtained for all reported occupational categories, and for selected public administration categories from the ES-202 series of the U.S. Employment Service. A separate index

was developed from the median income data developed by HUD for determining income limits for program participation in major SMSAs.

. Mail Questionnaire Survey

A questionnaire was developed to obtain information on the organizational and program characteristics through a mail survey of the sample PHAs. (A copy of the questionnaire is provided in Appendix F.) Information was sought on the characteristics of the program and the administrative experience of the PHA including:

- Operating Environment
- Other Housing Program Experience
- Marketability and Start-up Experience
- Workload Characteristics
- Contract and Other Support Services
- Cost Allocation Methods
- Use of Automated Methods
- PHA Comments and Recommendations.

The information provided in the questionnaire responses was used in the analysis of differences in program characteristics on administrative costs. Workload data was sought to help analyze the causes of cost differentials in otherwise similar programs.

. Additional Sources of Information

Personnel in the Housing Management Division or various HUD Regional and Area Offices were an additional source of information, especially in clarifying procedural aspects or characteristics of specific programs.

The sources of data and the approach to data collection were chosen specifically to avoid the need for on-site visits or submission of a separate report by the sample PHAs. Reliance on existing reports offered the potential advantage of being able to obtain data for all of the PHAs in the sample. The disadvantage of this approach is that the forms, while adequate for use in program administration, were not always well-suited to meeting the data needs of this research.

The level of detail of the cost information was determined by the categories reported on the forms. In addition to the limitations that this detail imposed, there were other difficulties encountered as a result of reliance on the existing HUD reporting system that occasionally frustrated the compilation or analysis of the data. Some of these difficulties included:

- Failure of the preparer to follow instructions in completing forms and creation of additional line items and entries.

- Very high percentage of arithmetic errors in calculations.

- Entries to the wrong line

- Incomplete forms (missing values)

- Frequent confusion in reporting of positive and negative balances

- Illegible HUD adjustment entries

- Major lapses in file management procedures at the Regional Office level resulting in unfiled or incomplete report packages.

These conditions significantly increased the level of effort required for both collection and editing of the data.

In addition to the characteristics of the data that were at least correctable, reliance on the existing HUD reports limited the information available on unit-months and preliminary expenses to totals only. This was not a serious limitation but it did restrict the analysis of these factors somewhat. For example, it would have been useful to examine the number of units under lease by bedroom size and type (elderly or family). Similarly, a breakdown of the actual costs incurred for preliminary expenses might have provided interesting findings, but are not reported except in total for the pre-and post- ACC period.

2. DATA COLLECTION PROCEDURES

The Section 8 Management Information System (MIS) was used to generate a list of all PHAs administering the Section 8 Existing Housing program in metropolitan and non-metropolitan areas as of June 30, 1979. The research was based on a sample of PHAs drawn from this list. Briefly stated, the sample was constructed to provide adequate representation of PHAs based on program size by type of jurisdiction. The distribution of PHAs in the sample by region is also very close to that of the total population.

Data collection procedures were developed to a) collect standard HUD reporting forms and other government reports and studies; b) interview key regional personnel; and c) conduct a mail questionnaire survey of every PHA in the sample.

Collection of the HUD reporting forms was focused on the ten Regional Offices of HUD. Personnel from the offices of Coopers & Lybrand in each city with a HUD Regional Office collected financial and program reports for sample PHAs during October 1979. During the site visits, the Regional Inspector General or desig-

nated representative and the Regional Accounting Division Staff were interviewed. It was necessary to supplement the original data collection plan when it was discovered that the information files maintained at the Regional Offices were incomplete in 9 of the 10 regions. For example, forms were not available for 228 PHAs at the Regional level. The reasons for incomplete files included delay in or incomplete submission of forms by PHAs, projects in the sample that were so new that data had not been submitted, and backlog in Regional Office filing activities. In order to assemble a complete set of HUD forms for each sample PHA, it was necessary to send requests for the required information to 33 Area Offices. Letter requests were followed up by phone contact with approximately one-half of these Area Offices.

Information not available from other sources concerning the comparative cost experience of PHAs serving metro and non-metro areas, was obtained through the detailed questionnaire sent to the PHAs in the sample. After an extensive review of the draft questionnaire by HUD program and research staff it was pretested at seven PHAs. The questionnaire submitted for OMB review reflected the changes recommended during the review and pretest.

Questionnaires were mailed on November 14, 1979. Non-responding PHAs were sent a second copy of the questionnaire and a letter urging them to participate. Follow-up contact was conducted by phone to the remaining non-participants to assure an adequate response rate.

All of the data obtained in the study were compiled, edited and entered into a data base for additional editing and subsequent analysis using the Statistical Package for the Social Sciences (SPSS).

3. THE SAMPLING PLAN

The sampling plan selected 100% of nonmetropolitan PHAs with 500 units or more, 50% of metropolitan PHAs with 500-999 units, 100% of metropolitan PHAs with 1,000 or more units and 25% of all other PHAs. As a result, large PHAs ($\geq$ 1,000 units) in metropolitan and nonmetropolitan areas had a 4 times greater chance of being selected than the smallest PHAs (0-494 units). To remove this difference, large PHAs ($\geq$ 1,000) were weighted .25; small PHAs (0-499 units) were weighted 1.00. Medium size PHAs (500-999 units) in nonmetropolitan areas received a weight of .25 since they had four times the chance of being selected than the smallest nonmetropolitan PHAs, and medium sized (500-999) PHAs in metro areas received a weight of .5.

All of the analyses in this report rely on a weighted sample that corrects for the disportionate sampling strategy used to select PHAs. The disportionate sample overrepresents important PHA types so that they can be studied in separate detail. Since the purpose of this report is to compare PHAs of different types, employing an unweighted sample overrepresents PHAs with the highest probability of being selected.

This weighting system falsely reduces the number of observations. The actual sample yield was 426 PHAs, but weighting the sample reduced the number of observations to 291. This number was reinflated to the actual sample size of 426, and all significance tests use a weighted N.

APPENDIX B

ANALYSIS OF RESPONSE RATES AND COMPARISON OF ACTUAL PHA SAMPLE TO PHA POPULATION

As discussed in Appendix A, our overall sampling plan generally overrepresents large PHAs; it especially overrepresents large non-metro PHAs. The actual analyses remove the effects of overrepresentation by using a weighted sample. The weighted sample in the analysis is designed to more nearly represent the population than the actual sample, but the weighted sample also reflects the distribution of response rates. In this section we first compare the weighted and unweighted samples to the PHA population; we then examine the distribution of reponse rates for each source of data.

Comparison of Sample to Population

Appendix Tables B1 and B2 reveal that the distribution of elderly and total units and the representation of regions in both our weighted and unweighted samples and in metro as well as non-metro PHAs is very close to that of the population. Consider first the elderly units. Among non-metro PHAs in the entire population, the modal category has from 0-49 elderly units; 89.4% of all PHAs fall into this category. In our weighted sample, 77.4% of PHAs have from 0-49 elderly units; in the unweighted sample, 76.4% have 0-49 elderly units.*

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* The chi-square comparing the weighted sample to the population is 30.71, indicating that the sample is statistically different from the population. In general, however, the sample seems reasonably representative.

Table B1

Comparison of Sample to Population - Nonmetro PHAs

Distribution of elderly units - Nonmetro PHAs

No. elderly units	Popn		Weighted Sample*		Unweighted Sample**	
	Frequency	Pct.	Frequency	Pct.	Frequency	Pct.
0-49	684	89.4	123	77.4	84	76.4
50-99	61	8.0	25	15.7	17	15.5
100-299	16	2.1	10	6.4	7	6.3
300-499	3	0.4	0	0.2	1	0.9
≥ 500	1	0.1	0	0.2	1	0.9
	765		159		110	

Distribution of total units - Nonmetro PHAs

Total No. units	Popn		Weighted Sample*		Unweighted Sample**	
	Frequency	Pct.	Frequency	Pct.	Frequency	Pct.
1-49	300	39.2	47	29.5	32	29.1
50-99	272	35.6	53	33.2	36	32.7
100-299	176	23.0	48	30.4	33	30.0
300-499	9	1.2	10	6.5	7	6.4
≥ 500	8	1.0	1	0.5	2	1.8
	765		159		110	

Distribution of region - Nonmetro PHAs

Region	Popn		Weighted Sample*		Unweighted Sample	
	Frequency	Pct.	Frequency	Pct.	Frequency	Pct.
I	70	9.3	23	9.3	16	9.2
II	35	4.6	15	5.8	10	5.7
III	47	6.2	6	2.3	4	2.3
IV	134	17.8	50	19.9	35	20.1
V	98	13.0	34	13.3	23	13.2
VI	218	29.0	69	27.2	47	27.0
VII	83	11.0	34	13.3	23	13.2
VIII	20	2.7	8	3.0	6	3.4
IX	27	3.6	7	2.9	5	2.9
X	21	2.8	7	2.9	5	2.9
	765		253		174	

* Frequency reflects weighted N.
** Frequencies based on valid responses to form 5041C

Table B2

Comparison of Sample of Population - Metro PHAs

Distribution of elderly units - Metro PHAs

No. elderly units	Popn		Weighted Sample*		Unweighted Sample***	
	Frequency	Pct.	Frequency	Pct.	Frequency	Pct.
0-49	647	67.3	74	58.4	102	54.8
50-99	170	17.7	23	17.9	31	16.7
100-199	87	9.0	12	9.8	17	9.1
200-499	44	4.6	11	8.4	18	9.7
> 500	14	1.5	7	5.5	18	9.7
Total	962		127		186	

Distribution of all units - Metro PHAs

Total no. units	Popn		Weighted Sample*		Unweighted Sample**	
	Frequency	Pct.	Frequency	Pct.	Frequency	Pct.
10-49	202	21.0	37	28.9	50	26.9
50-99	244	25.4	21	16.8	29	15.6
100-299	366	38.0	30	23.7	41	22.0
300-499	77	8.0	18	13.9	24	12.9
500-999	47	4.9	12	9.2	16	8.6
≥ 1000	26	2.7	10	7.5	26	14.0
	962		127		186	

Distribution of regions - Metro PHAs

Region	Popn		Weighted Sample*		Unweighted Sample**	
	Frequency	Pct.	Frequency	Pct.	Frequency	Pct.
I	148	15.6	28	15.6	39	15.2
II	155	16.3	32	17.9	45	17.5
III	72	7.6	12	6.7	18	7.0
IV	133	14.0	27	15.1	38	14.8
V	124	13.1	25	14.0	37	14.4
VI	146	15.4	25	14.0	36	14.0
VII	43	4.5	6	3.4	8	3.1
VIII	31	3.3	4	2.2	5	1.9
IX	78	8.2	15	8.4	25	9.7
X	20	2.1	4	2.2	6	2.3
	950		179**		257**	

* Frequencies are weighted; percents may not sum to 100 due to rounding error.

** Four unweighted observations have no state code and their region cannot be identified.

*** Frequencies based on valid responses to form 5041C.

Among metro PHAs, the modal PHA also has 0-49 elderly units; the next largest category is 50-99 elderly units. Together, these two categories comprise 85% of the population. These same categories constitute 76.3% of our weighted sample and 71.5% of the unweighted sample.*

Similarly, among non-metro PHAs, the largest single region is the southwest (Region VI); that region is also the largest in both the weighted and unweighted samples of non-metro PHAs. Among metro PHAs, the modal region is New York (Region II). That region is also the modal category in both samples of metro PHAs.**

The data in Tables B1 and B2 regarding the distribution of total units disclose that our samples are a reasonable reflection of the PHA population.*** Consider the smallest non-metro PHAs with less than 100 units. In the population, this category comprises 74.8% of all non-metro PHAs. Non-metro PHAs with under 100 units are 62.7% of our weighted sample and 61.8% of the unweighted sample. The samples thus slightly underrepresent the smallest non-metro PHAs.

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* Chi-square is 29.41, indicating that the weighted sample differs statistically from the population.

** Chi-square is 10.25 in nonmetro PHAs and 2.10 in metro PHAs, indicating that the weighted samples are statistically equivalent to the regional population.

*** Statistically the weighted samples differ from the population. In metro PHAs, chi-square is 28.24; in nonmetro PHAs, chi-square is 39.68.

In metro areas, PHAs with fewer than 100 units constitute 46.4% of the population. Small PHAs (less than 100 units) comprise 45.7% of the weighted metro sample and 42.5% of the unweighted metro sample. Our metro sample is thus a good reflection of the small metro PHAs in the population. In contrast, our metro samples slightly overrepresent large PHAs, even when the weighted sample is used. PHAs of 500 units or more are 7.6% of the entire metro population; they are 22.6% of our unweighted sample, which is designed to overrepresent large PHAs. The weighted sample reduces this effect of overrepresentation somewhat. There, PHAs with more than 500 units are 16.7% of the total.

In sum, Tables B1 and B2 reveal that the weighted sample, upon which our study is based, is a reasonably good reflection of the entire PHA population. In particular, the weighted metro and non-metro samples are very close approximations of the regional distribution of PHAs. The nonmetro weighted sample slightly overrepresents PHAs with the very smallest number of elderly units (0-49 elderly units); the metro weighted sample slightly underrepresents this category. Characteristics of the population distribution of total units are also mirrored in our weighted sample. However, both the non-metro and metro samples slightly underrepresent small PHAs and overrepresent large PHAs.

Table B3 reveals that our unweighted sample approximates the distribution of non-metro and metro PHAs in the sample. In both the unweighted sample and the population, over half of all

Table B3

Comparison of Sample of Population
NonMetro vs. Metro PHAs

Distribution of units - by Location

Location	Popn		Weighted Sample		Unweighted Sample	
	Frequency	Pct.	Frequency	Pct.	Frequency	Pct.
Nonmetro	765	44.0	159	55.6	110	37.2
Metro (or mixed)	962	56.0	127	44.4	186	62.8
	1727		286		296	

PHAs are located in metro (and mixed) areas. Unfortunately, the weighted sample, which we use in the analysis, significantly overrepresents the proportion of non-metro PHAs. This occurs from the interaction of the weighting scheme with the pattern of responses. Specifically, we intended to sample 100% of all 8 non-metro PHAs with 500 or more units. Our actual responses included only 2 of these 8 - a 25% sample instead of 100%. (See Table B4.) By contrast, among the non-metro PHAs with 1-499 units, our response rate was somewhat higher: 57%. The chance of selecting a given non-metro unit with 1-499 units was only 25%, as compared with the 100% chance of selecting a larger nonmetro PHA. The weighting scheme reverses these unequal selection chances, assigning a weight of 1.00 to the non-metro PHAs with a 25% chance of selection and a .25 weight to those with a certain chance of being selected. The non-metro PHAs with the largest weight also have the highest response rate (57% as opposed to 25%). Since such large differentials in response rates between small and large PHAs do not characterize the metro PHAs, the weighted sample shown in Table B3 overstates the relative proportion of non-metro to metro PHAs.

Analysis of Response Rates

Table B4 shows the differences in response rates among metro and non-metro PHAs in detail. To separate the effects of weighting from those of variations in response rates, the data in these tables are unweighted. Moreover, the frequencies in Table B4 correspond to the largest sample size. Our study relied on six

Table B4

Distribution of Response Rates for Wage Information by PHA Location and PHA Size - Unweighted Sample

	Location					
	Nonmetro			Metro		
Size	No. Selected	No. Analyzed	Pct.	No. Selected	No. Analyzed	Pct
0-499 units	189	108	57%	222	144	65
500-999 units	5	0	0%	24	16	67
≥ 1000 units	3	2	67%	26	26	100
TOTAL	197	110	56%	272	186	68

separate data sources, and the response rates vary from one source to another. We have information on the size and on the location of 296 sample PHAs; but in may cases, that is the only data we have.*

Table B4 reveals that we actually include in our analysis 186 of 272 (or 68%) of all the metro PHAs that were in our intended sample. Among non-metro PHAs, this proportion is slightly less. Of 197 PHAs that we intended to study, we actually received size and location data for 110 (or 56%).

Among metro and non-metro PHAs, the highest response rates were in the largest PHAs. Our study includes 100% of all the very large metro PHAs that we intended to study,** and 67% of all the very large non-metro PHAs that appeared in our initial sample. Among smaller PHAs (less than 1000 units), response rates were far higher in metro PHAs than in non-metro PHAs. 57% of small non-metro PHAs in the initial sample appeared in the actual sample; none of the 5 medium sized non-metro PHAs that we intended to study appear in our actual analysis. By contrast, 65% of small and 67% of medium metro PHAs that we initially sampled appear in our analysis.

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* We have data on the metro and non-metro location of 407 PHAs; we have both metro/nonmetro data and size information for just 296 PHAs.

** Recall that this does not mean that we have cost information or survey responses from 100% of the large metro PHAs. We consider response rates by source below.

Tables B5 through B7 display the response rates for each data source in our analysis. Our highest response rates are for information readily available from HUD central -- data on the PHA's location in a metro or non-metro area. We were able to determine location for all 174 non-metro PHAs in our sample; we were able to make this determination for all but 28 of the 261 metro PHAs in our sample. A variety of explanations account for these non-responses. We received some questionnaires with no addresses making it difficult to ascertain the PHA's location. Other data sources had illegible or missing PHA identification. This made it impossible to determine whether the PHA was located in a metro or non-metro area.

Information on revenues, costs, number of units under ACC (i.e., PHA size) and FMRs comes from HUD forms 5041C, 52681, and 52682. We obtained these forms for about 63% of the non-metro sample and for about 70% of our metro sample. Overall, our response rate from these three sources was about 67%. Several factors account for the nonresponses. Some forms were simply unreadable and could not be coded. We only coded forms that clearly corresponded to the same project; when we received 5041Cs, 56281s, and 56282s that did not clearly reflect the same project (or set of projects) we did not include them in our data.

Our overall survey response rate was quite high -- 73.1%. (See Table B7.) The relative frequency of responses was slightly higher in metro than in non-metro PHAs. In metro PHAs, 77.6% of

Table B5

Distribution of Response Rates by Source - Nonmetro PHAs (Unweighted Sample)

Source	Response		Nonresponse		Total
	Frequency	Pct.	Frequency	Pct.	
5041C	110	63.2	64	36.8	174
52681	108	62.1	66	37.9	174
52682	109	62.6	65	37.4	174
Metro/nonmetro data	174	100.0	0	0.0	174
Questionnaire	135	77.6	39	22.4	174
LIAPS	63	36.1	111	63.8	174

Table B6

Distribution of Response Rates by Source - Metro and Mixed PHAs (Unweighted Sample)

Source	Response		Nonresponse		Total
	Frequency	Pct.	Frequency	Pct.	
5041C	186	71.3	75	28.7	261
52681	183	70.1	78	29.9	261
52682	178	68.2	83	31.8	261
Metro/nonmetro data	233	89.3	28	10.7	261
Questionnaire	183	70.1	78	29.9	261
LIAPS	95	36.4	166	63.6	261

Table B7

Distribution of Response Rates by Source - All PHAs (Unweighted Sample)

Source	Response		Nonresponse		Total
	Frequency	Pct.	Frequency	Pct.	
5041C	296	68.0	139	32.0	435
52681	291	66.9	144	33.1	435
52682	287	66.0	148	34.0	435
Metro/Nonmetro data	407	93.6	28	6.4	435
Questionnaire	318	73.1	117	26.9	435
LIAPS	158	36.3	277	63.7	435

PHAs returned usable questionnaires, while 70.1% of non-metro PHAs responded to the survey.

HUD's file of tenant characteristics (LIAPS) was the poorest data source. It contained information for just 36.3% of the PHAs in our sample.

With the exception of the LIAPS file, these response rates compare quite favorably to those of similar mail survey studies. However, our actual analyses usually combine data sources. For example, we examine the distribution of costs from Form 52682 against information from the questionnaire; since the analysis is weighted, it also uses information on location (metro/ non-metro data) and information on size (Form 5041C). We base such an analysis on data that has non-missing values on all variables from all four sources. In any given table, not only must the relevant data source be available, but the specific variables must have non-missing values as well. As a result, many of our analyses use smaller numbers of observations than are apparent from Tables B5 to B7. Despite the reduced sample size, Table B8 shows that the subsample of non-missing data that forms the basis for our cost analysis is, in nearly all respects, not significantly different from the larger sample.

TABLE B8

Comparison of Means of Variables in Cost Equation: Regression Subsample versus Entire PHA Sample

Variable*	Entire PHA Sample Mean	Entire PHA Sample N	Multiple Regression Subsample Mean	Multiple Regression Subsample N
Total expenses (prelim. plus ongoing PUM	$ 29.96	163	$ 29.78	274
Location dummy--1 if regional or nonmetro, 0 otherwise)	.59	163	.60	411
Size 1 (1 if PHA less than 50 units; 0 otherwise)	.30	163	.28	280
Size 2 (1 if PHA more than 999 units; 0 otherwise)	.02	163	.04	280
Presence of non-Section 8 Existing Units (1 if present; 0 otherwise)	.79	163	.75	320
Total intake rate	.89	163	.86	199
Lease-in-place rate	.67	163	.70	299
2 Bedroom FMR	$ 170.77	163	$ 170.05	248
Income index	90.05	118	87.29	265
Intake inspection rate	.60	84	.61	144
CETA wage index - service workers	89.38	168	87.57	374
BLS wage index - public administration workers	87.55	129	86.34	299
FTEs per 1000 unit months	2.21	155	2.23	195
Net intake rate	.50	164	.48	200

*According to the t-test for the difference of means, none of these differences depart significantly from zero at the .05 level.

VARIABLE VAR5 Number of Elderly Efficiency Units

MEAN	14.190	STD ERROR	5.431	STD DEV	91.787
VARIANCE	8424.922	KURTOSIS	157.750	SKEWNESS	11.975
RANGE	1343.000	MINIMUM	0.0	MAXIMUM	1343.000
SUM	4053.593				

VALID OBSERVATIONS - 286 MISSING OBSERVATIONS - 148

VARIABLE VAR6 Number of Family Efficiency Units

MEAN	0.577	STD ERROR	0.786	STD DEV	13.291
VARIANCE	176.657	KURTOSIS	781.160	SKEWNESS	27.823
RANGE	370.000	MINIMUM	0.0	MAXIMUM	370.000
SUM	164.810				

VALID OBSERVATIONS - 286 MISSING OBSERVATIONS - 148

VARIABLE VAR7 Number of Efficiency Units

MEAN	14.767	STD ERROR	5.843	STD DEV	98.759
VARIANCE	9753.285	KURTOSIS	172.612	SKEWNESS	12.501
RANGE	1590.000	MINIMUM	0.0	MAXIMUM	1590.000
SUM	4218.402				

VALID OBSERVATIONS - 286 MISSING OBSERVATIONS - 148

VARIABLE VAR8 FMR - Efficiency Units

MEAN	127.341	STD ERROR	3.844	STD DEV	34.744
VARIANCE	1207.133	KURTOSIS	-0.478	SKEWNESS	0.305
RANGE	156.000	MINIMUM	67.000	MAXIMUM	223.000
SUM	10400.363				

VALID OBSERVATIONS - 82 MISSING OBSERVATIONS - 352

VARIABLE VAR9 Number of Elderly 1 Bedroom Units

MEAN	63.332	STD ERROR	15.601	STD DEV	263.686
VARIANCE	69530.375	KURTOSIS	251.797	SKEWNESS	14.287
RANGE	5345.000	MINIMUM	0.0	MAXIMUM	5345.000
SUM	18092.109				

VALID OBSERVATIONS - 286 MISSING OBSERVATIONS - 148

VARIABLE VAR10 Number of Family 1 Bedroom Units

MEAN	25.308	STD ERROR	5.567	STD DEV	94.097
VARIANCE	8854.180	KURTOSIS	59.726	SKEWNESS	7.360
RANGE	1040.000	MINIMUM	0.0	MAXIMUM	1040.000
SUM	7229.668				

VALID OBSERVATIONS = 286 MISSING OBSERVATIONS = 148

VARIABLE VAR11 Number of 1 Bedroom Units

MEAN	88.640	STD ERROR	19.625	STD DEV	331.699
VARIANCE	110024.563	KURTOSIS	186.202	SKEWNESS	12.059
RANGE	6156.000	MINIMUM	0.0	MAXIMUM	6156.000
SUM	25321.777				

VALID OBSERVATIONS = 286 MISSING OBSERVATIONS = 148

VARIABLE VAR12 FMR - 1 Bedroom Units

MEAN	143.551	STD ERROR	2.192	STD DEV	34.588
VARIANCE	1196.345	KURTOSIS	-0.595	SKEWNESS	0.325
RANGE	167.000	MINIMUM	79.000	MAXIMUM	246.000
SUM	35751.379				

VALID OBSERVATIONS = 249 MISSING OBSERVATIONS = 185

VARIABLE VAR13 Number of Elderly 2 Bedroom Units

MEAN	8.608	STD ERROR	1.688	STD DEV	28.530
VARIANCE	813.983	KURTOSIS	75.232	SKEWNESS	7.990
RANGE	325.000	MINIMUM	0.0	MAXIMUM	325.000
SUM	2458.966				

VALID OBSERVATIONS = 286 MISSING OBSERVATIONS = 148

VARIABLE VAR14 Number of Family 2 Bedroom Units

MEAN	83.544	STD ERROR	20.031	STD DEV	338.563
VARIANCE	114624.750	KURTOSIS	201.010	SKEWNESS	12.739
RANGE	6436.000	MINIMUM	0.0	MAXIMUM	6436.000
SUM	23865.953				

VALID OBSERVATIONS - 286 MISSING OBSERVATIONS - 148

VARIABLE VAR15 Number of 2 Bedroom Units

MEAN	92.151	STD ERROR	21.013	STD DEV	355.158
VARIANCE	126137.000	KURTOSIS	187.235	SKEWNESS	12.331
RANGE	6572.000	MINIMUM	0.0	MAXIMUM	6572.000
SUM	26324.922				

VALID OBSERVATIONS - 286 MISSING OBSERVATIONS - 148

VARIABLE VAR16 FMR - 2 Bedroom Units

MEAN	170.052	STD ERROR	2.492	STD DEV	39.268
VARIANCE	1541.938	KURTOSIS	-0.687	SKEWNESS	0.112
RANGE	193.000	MINIMUM	73.000	MAXIMUM	266.000
SUM	42226.660				

VALID OBSERVATIONS - 248 MISSING OBSERVATIONS - 185

VARIABLE VAR17 Number of Elderly 3 Bedroom Units

MEAN	0.051	STD ERROR	0.028	STD DEV	0.473
VARIANCE	0.224	KURTOSIS	96.098	SKEWNESS	9.706
RANGE	5.000	MINIMUM	0.0	MAXIMUM	5.000
SUM	14.650				

VALID OBSERVATIONS - 286 MISSING OBSERVATIONS - 148

VARIABLE VAR18 Number of Family 3 Bedroom Units

MEAN	42.095	STD ERROR	7.474	STD DEV	126.332
VARIANCE	15959.871	KURTOSIS	196.245	SKEWNESS	11.791
RANGE	2486.000	MINIMUM	0.0	MAXIMUM	2486.000
SUM	12025.270				

VALID OBSERVATIONS - 286 MISSING OBSERVATIONS - 148

VARIABLE VAR19 Number of 3 Bedroom Units

MEAN	43.044	STD ERROR	7.795	STD DEV	131.752
VARIANCE	17358.559	KURTOSIS	172.010	SKEWNESS	11.142
RANGE	2486.000	MINIMUM	0.0	MAXIMUM	2486.000
SUM	12296.293				

VALID OBSERVATIONS - 286 MISSING OBSERVATIONS - 148

VARIABLE VAR20 FMR - 3 Bedroom Units

MEAN	193.411	STD ERROR	3.125	STD DEV	48.293
VARIANCE	2332.229	KURTOSIS	-0.921	SKEWNESS	0.228
RANGE	205.000	MINIMUM	99.000	MAXIMUM	304.000
SUM	46185.441				

VALID OBSERVATIONS - 239 MISSING OBSERVATIONS - 195

VARIABLE VAR26 Number of 4 Bedroom Units

MEAN	12.865	STD ERROR	2.831	STD DEV	47.845
VARIANCE	2289.110	KURTOSIS	230.811	SKEWNESS	13.068
RANGE	978.000	MINIMUM	0.0	MAXIMUM	978.000
SUM	3675.264				

VALID OBSERVATIONS - 286 MISSING OBSERVATIONS - 148

VARIABLE VAR27 FMR - 4 Bedroom Units

MEAN	211.341	STD ERROR	4.125	STD DEV	55.703
VARIANCE	3102.795	KURTOSIS	-0.113	SKEWNESS	0.399
RANGE	331.000	MINIMUM	71.000	MAXIMUM	402.000
SUM	38546.949				

VALID OBSERVATIONS - 182 MISSING OBSERVATIONS - 251

VARIABLE VAR30 Number of 5 Bedroom Units

MEAN	1.719	STD ERROR	0.736	STD DEV	12.435
VARIANCE	154.638	KURTOSIS	267.177	SKEWNESS	14.877
RANGE	256.000	MINIMUM	0.0	MAXIMUM	256.000
SUM	491.134				

VALID OBSERVATIONS - 286 MISSING OBSERVATIONS - 148

VARIABLE VAR31 FMR - 5 Bedroom Units

MEAN	241.106	STD ERROR	11.333	STD DEV	63.235
VARIANCE	3998.621	KURTOSIS	-0.569	SKEWNESS	0.092
RANGE	240.000	MINIMUM	135.000	MAXIMUM	375.000
SUM	7505.898				

VALID OBSERVATIONS - 31 MISSING OBSERVATIONS - 402

VARIABLE VAR34 Number of 6 Bedroom Units

MEAN	0.141	STD ERROR	0.075	STD DEV	1.268
VARIANCE	1.609	KURTOSIS	240.154	SKEWNESS	14.174
RANGE	25.000	MINIMUM	0.0	MAXIMUM	25.000
SUM	40.287				

VALID OBSERVATIONS - 286 MISSING OBSERVATIONS - 148

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VARIABLE  VAR35       FMR - 6 Bedroom Units

MEAN           247.143         STD ERROR       23.041            STD DEV          63.900
VARIANCE      4083.204         KURTOSIS         5.995            SKEWNESS          1.262
RANGE          263.000         MINIMUM        168.000            MAXIMUM         431.000
SUM           1900.835

VALID OBSERVATIONS -      8              MISSING OBSERVATIONS -     426

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VARIABLE  VAR37       Number of Elderly Units

MEAN           101.699         STD ERROR       24.279            STD DEV         377.771
VARIANCE    142710.625         KURTOSIS       171.976            SKEWNESS         11.890
RANGE         6384.000         MINIMUM          1.000            MAXIMUM        6385.000
SUM          24620.324

VALID OBSERVATIONS -    242              MISSING OBSERVATIONS -     192

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VARIABLE  VAR38       Number of Family Units

MEAN           187.387         STD ERROR       36.010            STD DEV         573.281
VARIANCE    328651.688         KURTOSIS        88.077            SKEWNESS          8.518
RANGE         7522.000         MINIMUM          2.000            MAXIMUM        7524.000
SUM          47492.199

VALID OBSERVATIONS -    253              MISSING OBSERVATIONS -     180

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VARIABLE  VAR39       Number of Units (under ACC)

MEAN           279.038         STD ERROR       54.961            STD DEV         885.036
VARIANCE    783288.500         KURTOSIS        96.595            SKEWNESS          8.962
RANGE        12393.000         MINIMUM          7.000            MAXIMUM       12400.000
SUM          72355.563

VALID OBSERVATIONS -    259              MISSING OBSERVATIONS -     174
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VARIABLE VR54 Total AC available (in 1,000's)

MEAN	1143.106	STD ERROR	224.171	STD DEV	3759.634
VARIANCE	**********	KURTOSIS	148.006	SKEWNESS	10.883
RANGE	58260.988	MINIMUM	0.0	MAXIMUM	58260.988
SUM	321528.813				

VALID OBSERVATIONS - 281 MISSING OBSERVATIONS - 152

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VARIABLE VR59 Administrative Fee Required by PHA (in 1,000's)

MEAN	49.520	STD ERROR	8.808	STD DEV	146.953
VARIANCE	21595.090	KURTOSIS	159.682	SKEWNESS	11.013
RANGE	2583.676	MINIMUM	0.300	MAXIMUM	2583.976
SUM	13783.730				

VALID OBSERVATIONS - 278 MISSING OBSERVATIONS - 155

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VARIABLE V59PUM Administrative Fee PUM Required

MEAN	17.225	STD ERROR	0.275	STD DEV	4.498
VARIANCE	20.230	KURTOSIS	18.926	SKEWNESS	2.740
RANGE	50.217	MINIMUM	1.022	MAXIMUM	51.240
SUM	4617.793				

VALID OBSERVATIONS - 268 MISSING OBSERVATIONS - 166

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VARIABLE VR76 Project Account - Balance at end of FY (in 1,000's)

MEAN	782.854	STD ERROR	174.105	STD DEV	2904.718
VARIANCE	**********	KURTOSIS	199.635	SKEWNESS	12.607
RANGE	54933.313	MINIMUM	-178.485	MAXIMUM	54754.828
SUM	217904.750				

VALID OBSERVATIONS - 278 MISSING OBSERVATIONS - 155

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VARIABLE VR77 Provision for Project Account (in 1,000's)

MEAN	347.749	STD ERROR	75.241	STD DEV	1255.300
VARIANCE	**********	KURTOSIS	282.710	SKEWNESS	14.596
RANGE	27168.738	MINIMUM	-178.485	MAXIMUM	26990.254
SUM	96794.688				

VALID OBSERVATIONS - 278 MISSING OBSERVATIONS - 155

VARIABLE VAR88 Number of Units under ACC

MEAN	301.098	STD ERROR	46.587	STD DEV	777.249
VARIANCE	604116.688	KURTOSIS	121.412	SKEWNESS	9.490
RANGE	12393.000	MINIMUM	7.000	MAXIMUM	12400.000
SUM	83809.750				

VALID OBSERVATIONS - 278 MISSING OBSERVATIONS - 155

VARIABLE VAR89 Number of Units under Lease

MEAN	254.928	STD ERROR	39.506	STD DEV	657.377
VARIANCE	432144.375	KURTOSIS	128.231	SKEWNESS	9.819
RANGE	10097.000	MINIMUM	4.000	MAXIMUM	10101.000
SUM	70585.000				

VALID OBSERVATIONS - 277 MISSING OBSERVATIONS - 157

VARIABLE VAR90 Number of Unit Months

MEAN	2712.260	STD ERROR	433.046	STD DEV	7196.250
VARIANCE	**********	KURTOSIS	133.037	SKEWNESS	10.043
RANGE	113671.000	MINIMUM	17.000	MAXIMUM	113688.000
SUM	748989.000				

VALID OBSERVATIONS - 276 MISSING OBSERVATIONS - 157

VARIABLE VR101 HAP - in 1,000's

MEAN	332.090	STD ERROR	71.021	STD DEV	1184.899
VARIANCE	**********	KURTOSIS	167.096	SKEWNESS	11.763
RANGE	19340.414	MINIMUM	0.0	MAXIMUM	19340.414
SUM	92436.188				

VALID OBSERVATIONS - 278 MISSING OBSERVATIONS - 155

VARIABLE V101PUM HAP - PUM

MEAN	101.158	STD ERROR	2.569	STD DEV	42.693
VARIANCE	1822.651	KURTOSIS	180.352	SKEWNESS	9.579
RANGE	884.568	MINIMUM	33.700	MAXIMUM	918.268
SUM	27934.668				

VALID OBSERVATIONS = 276 MISSING OBSERVATIONS = 157

VARIABLE VAR102 Preliminary Administrative Expense - pre-ACC

MEAN	2269.081	STD ERROR	1026.255	STD DEV	17121.758
VARIANCE	**********	KURTOSIS	631.055	SKEWNESS	24.004
RANGE	450497.000	MINIMUM	0.0	MAXIMUM	450497.000
SUM	631591.250				

VALID OBSERVATIONS = 278 MISSING OBSERVATIONS = 155

VARIABLE VAR103 Preliminary Administrative Expense - post-ACC

MEAN	22232.609	STD ERROR	3954.503	STD DEV	65975.875
VARIANCE	**********	KURTOSIS	80.874	SKEWNESS	7.995
RANGE	927251.000	MINIMUM	0.0	MAXIMUM	927251.000
SUM	**********				

VALID OBSERVATIONS = 278 MISSING OBSERVATIONS = 155

VARIABLE V102PUM Preliminary Administrative Expense PUM - pre-ACC

MEAN	1.815	STD ERROR	0.303	STD DEV	5.030
VARIANCE	25.297	KURTOSIS	51.871	SKEWNESS	5.974
RANGE	59.524	MINIMUM	0.0	MAXIMUM	59.524
SUM	501.280				

VALID OBSERVATIONS = 276 MISSING OBSERVATIONS = 157

VARIABLE V103PUM Preliminary Administrative Expense PUM - post-ACC

MEAN	14.447	STD ERROR	1.227	STD DEV	20.388
VARIANCE	415.684	KURTOSIS	5.576	SKEWNESS	2.235
RANGE	108.869	MINIMUM	0.0	MAXIMUM	108.869
SUM	3989.624				

VALID OBSERVATIONS - 276 MISSING OBSERVATIONS - 157

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VARIABLE VAR108 Administrative Salaries

MEAN	25075.789	STD ERROR	5443.430	STD DEV	90816.750
VARIANCE	**********	KURTOSIS	223.179	SKEWNESS	13.294
RANGE	**********	MINIMUM	0.0	MAXIMUM	**********
SUM	**********				

VALID OBSERVATIONS - 278 MISSING OBSERVATIONS - 155

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VARIABLE VAR109 Legal Expense

MEAN	402.475	STD ERROR	138.884	STD DEV	2317.102
VARIANCE	**********	KURTOSIS	91.036	SKEWNESS	9.129
RANGE	26845.000	MINIMUM	0.0	MAXIMUM	26845.000
SUM	112027.563				

VALID OBSERVATIONS - 278 MISSING OBSERVATIONS - 155

VARIABLE V113PUM Travel Expenses (PUM)

MEAN	0.413	STD ERROR	0.041	STD DEV	0.688
VARIANCE	0.473	KURTOSIS	23.279	SKEWNESS	4.003
RANGE	5.783	MINIMUM	0.0	MAXIMUM	5.783
SUM	113.946				

VALID OBSERVATIONS - 276 MISSING OBSERVATIONS - 157

VARIABLE V114PUM Accounting, Audit Expenses (PUM)

MEAN	0.818	STD ERROR	0.256	STD DEV	4.248
VARIANCE	18.043	KURTOSIS	321.734	SKEWNESS	17.360
RANGE	79.710	MINIMUM	0.0	MAXIMUM	79.710
SUM	225.508				

VALID OBSERVATIONS - 276 MISSING OBSERVATIONS - 158

VARIABLE V115PUM Office Rent (PUM)

MEAN	0.339	STD ERROR	0.048	STD DEV	0.804
VARIANCE	0.646	KURTOSIS	35.485	SKEWNESS	5.162
RANGE	7.872	MINIMUM	0.0	MAXIMUM	7.872
SUM	93.334				

VALID OBSERVATIONS - 275 MISSING OBSERVATIONS - 158

VARIABLE V116PUM Sundry Administrative Expense (PUM)

MEAN	1.507	STD ERROR	0.153	STD DEV	2.549
VARIANCE	6.498	KURTOSIS	32.360	SKEWNESS	5.281
RANGE	22.102	MINIMUM	0.0	MAXIMUM	22.102
SUM	416.162				

VALID OBSERVATIONS - 276 MISSING OBSERVATIONS - 157

VARIABLE V117PUM Administrative Expense (PUM)

MEAN	12.030	STD ERROR	0.497	STD DEV	8.239
VARIANCE	67.887	KURTOSIS	36.552	SKEWNESS	4.198
RANGE	97.072	MINIMUM	0.0	MAXIMUM	97.072
SUM	3308.739				

VALID OBSERVATIONS - 275 MISSING OBSERVATIONS - 159

VARIABLE V118PUM Maintenance and Operation Expenses (PUM)

MEAN	0.081	STD ERROR	0.014	STD DEV	0.227
VARIANCE	0.051	KURTOSIS	36.456	SKEWNESS	5.410
RANGE	2.081	MINIMUM	0.0	MAXIMUM	2.081
SUM	22.275				

VALID OBSERVATIONS - 276 MISSING OBSERVATIONS - 157

VARIABLE V119PUM Insurance Expenses (PUM)

MEAN	0.174	STD ERROR	0.024	STD DEV	0.394
VARIANCE	0.155	KURTOSIS	48.861	SKEWNESS	5.764
RANGE	4.521	MINIMUM	0.0	MAXIMUM	4.521
SUM	48.042				

VALID OBSERVATIONS - 276 MISSING OBSERVATIONS - 157

VARIABLE V120PUM Terminal Leave Pay (PUM)

MEAN	0.028	STD ERROR	0.010	STD DEV	0.161
VARIANCE	0.026	KURTOSIS	63.967	SKEWNESS	7.589
RANGE	1.763	MINIMUM	0.0	MAXIMUM	1.763
SUM	7.835				

VALID OBSERVATIONS - 276 MISSING OBSERVATIONS - 157

VARIABLE V121PUM Employee Benefits (PUM)

MEAN	1.244	STD ERROR	0.112	STD DEV	1.868
VARIANCE	3.488	KURTOSIS	95.303	SKEWNESS	7.952
RANGE	26.479	MINIMUM	0.0	MAXIMUM	26.479
SUM	343.594				

VALID OBSERVATIONS - 276 MISSING OBSERVATIONS - 157

VARIABLE V123PUM Total Other Expenses (PUM)

MEAN	1.756	STD ERROR	0.137	STD DEV	2.282
VARIANCE	5.206	KURTOSIS	45.917	SKEWNESS	5.313
RANGE	26.927	MINIMUM	0.0	MAXIMUM	26.927
SUM	484.902				

VALID OBSERVATIONS - 276 MISSING OBSERVATIONS - 157

VARIABLE V127PUM Total Ongoing Administrative Expenses (PUM)

MEAN	13.604	STD ERROR	0.518	STD DEV	8.574
VARIANCE	73.512	KURTOSIS	26.659	SKEWNESS	3.287
RANGE	97.072	MINIMUM	0.0	MAXIMUM	97.072
SUM	3731.868				

VALID OBSERVATIONS - 274 MISSING OBSERVATIONS - 159

VARIABLE CETA CETA Wage Index - Service Workers

MEAN	87.569	STD ERROR	0.859	STD DEV	16.617
VARIANCE	276.117	KURTOSIS	-0.613	SKEWNESS	0.194
RANGE	87.600	MINIMUM	47.800	MAXIMUM	135.400
SUM	32776.602				

VALID OBSERVATIONS - 374 MISSING OBSERVATIONS - 59

VARIABLE WAGE BLS Public Administrative Wage Index

MEAN	86.336	STD ERROR	0.994	STD DEV	17.190
VARIANCE	295.482	KURTOSIS	1.489	SKEWNESS	1.037
RANGE	103.300	MINIMUM	61.700	MAXIMUM	165.000
SUM	25833.457				

VALID OBSERVATIONS - 299 MISSING OBSERVATIONS - 134

VARIABLE INC Median Family Income Index

MEAN	87.289	STD ERROR	1.275	STD DEV	20.764
VARIANCE	431.143	KURTOSIS	1.197	SKEWNESS	0.056
RANGE	160.953	MINIMUM	9.111	MAXIMUM	170.064
SUM	23145.836				

VALID OBSERVATIONS - 265 MISSING OBSERVATIONS - 168

LOC PHA LOCATION

CATEGORY LABEL	CODE	ABSOLUTE FREQ	RELATIVE FREQ (PCT)	ADJUSTED FREQ (PCT)	CUM FREQ (PCT)
Metro	- 1.	152	35.1	37.1	37.1
Regional	- 2.	17	4.0	4.2	41.3
State	- 3.	12	2.9	3.0	44.3
NonMetro	- 4.	229	52.7	55.7	100.0
	0.	23	5.3	MISSING	100.0
	TOTAL	434	100.0	100.0	

MEAN	2.773	STD ERR	0.070	MEDIAN	3.602
MODE	4.000	STD DEV	1.427	VARIANCE	2.036
KURTOSIS	-1.810	SKEWNESS	-0.366	RANGE	3.000
MINIMUM	1.000	MAXIMUM	4.000		

VALID CASES 411 MISSING CASES 23

VAR162 AGENCY TITLE

CATEGORY LABEL	CODE	ABSOLUTE FREQ	RELATIVE FREQ (PCT)	ADJUSTED FREQ (PCT)	CUM FREQ (PCT)
LHA	1.	221	50.9	76.7	76.7
LRA	2.	1	0.2	0.3	77.0
Combined LHA, LRA	3.	22	5.2	7.8	84.7
Local Governing Body	4.	21	4.9	7.4	92.1
Regional Planning Agency	5.	12	2.8	4.2	96.3
Social Service Agency	6.	4	1.0	1.5	97.8
State Housing Agency	7.	6	1.4	2.2	100.0
	-99.	108	24.9	MISSING	100.0
	8.	33	7.7	MISSING	100.0
	9.	4	1.0	MISSING	100.0
	TOTAL	434	100.0	100.0	

MEAN	1.753	STD ERR	0.088	MEDIAN	1.152
MODE	1.000	STD DEV	1.500	VARIANCE	2.250
KURTOSIS	2.706	SKEWNESS	1.914	RANGE	6.000
MINIMUM	1.000	MAXIMUM	7.000		
VALID CASES	288	MISSING CASES	146		

VAR164 Area Including Open Country (1 - Yes, 2 - No)

CATEGORY LABEL	CODE	ABSOLUTE FREQ	RELATIVE FREQ (PCT)	ADJUSTED FREQ (PCT)	CUM FREQ (PCT)
	1.	143	33.0	44.8	44.8
	2.	177	40.7	55.2	100.0
	-99.	108	24.9	MISSING	100.0
	9.	6	1.4	MISSING	100.0
	TOTAL	434	100.0	100.0	

MEAN	1.552	STD ERR	0.028	MEDIAN	1.594
MODE	2.000	STD DEV	0.498	VARIANCE	0.248
KURTOSIS	-1.968	SKEWNESS	-0.211	RANGE	1.000
MINIMUM	1.000	MAXIMUM	2.000		

VALID CASES 320 MISSING CASES 114

VAR165 Area Including Town < 20,000 (1 - Yes, 2 - No)

CATEGORY LABEL	CODE	ABSOLUTE FREQ	RELATIVE FREQ (PCT)	ADJUSTED FREQ (PCT)	CUM FREQ (PCT)
	1.	204	47.0	63.4	63.4
	2.	118	27.1	36.6	100.0
	-99.	108	24.9	MISSING	100.0
	9.	4	1.0	MISSING	100.0
	TOTAL	434	100.0	100.0	

MEAN	1.366	STD ERR	0.027	MEDIAN	1.289
MODE	1.000	STD DEV	0.482	VARIANCE	0.233
KURTOSIS	-1.698	SKEWNESS	0.559	RANGE	1.000
MINIMUM	1.000	MAXIMUM	2.000		
VALID CASES	321	MISSING CASES	112		

VAR166 Area Including Small City/Town, 20 - 50K (1 - Yes, 2 - No)

CATEGORY LABEL	CODE	ABSOLUTE FREQ	RELATIVE FREQ (PCT)	ADJUSTED FREQ (PCT)	CUM FREQ (PCT)
	1.	94	21.6	29.2	29.2
	2.	227	52.4	70.8	100.0
	-99.	108	24.9	MISSING	100.0
	9.	4	1.0	MISSING	100.0
	TOTAL	434	100.0	100.0	

MEAN	1.708	STD ERR	0.025	MEDIAN	1.794
MODE	2.000	STD DEV	0.455	VARIANCE	0.207
KURTOSIS	-1.161	SKEWNESS	-0.920	RANGE	1.000
MINIMUM	1.000	MAXIMUM	2.000		
VALID CASES	321	MISSING CASES	112		

VAR167 Area Including Suburbs of Small City (1 - Yes, 2 - No)

CATEGORY LABEL	CODE	ABSOLUTE FREQ	RELATIVE FREQ (PCT)	ADJUSTED FREQ (PCT)	CUM FREQ (PCT)
	1.	42	9.6	13.0	13.0
	2.	279	64.4	87.0	100.0
	-99.	108	24.9	MISSING	100.0
	9.	4	1.0	MISSING	100.0
	TOTAL	434	100.0	100.0	

MEAN	1.870	STD ERR	0.019	MEDIAN	1.925
MODE	2.000	STD DEV	0.337	VARIANCE	0.113
KURTOSIS	2.906	SKEWNESS	-2.211	RANGE	1.000
MINIMUM	1.000	MAXIMUM	2.000		

VALID CASES 321 MISSING CASES 112

VAR168 Area Including Medium City/Town (1 - Yes, 2 - No)

CATEGORY LABEL	CODE	ABSOLUTE FREQ	RELATIVE FREQ (PCT)	ADJUSTED FREQ (PCT)	CUM FREQ (PCT)
	1.	51	11.8	16.0	16.0
	2.	268	61.9	84.0	100.0
	-99.	108	24.9	MISSING	100.0
	9.	6	1.4	MISSING	100.0
	TOTAL	434	100.0	100.0	

MEAN	1.840	STD ERR	0.021	MEDIAN	1.905
MODE	2.000	STD DEV	0.368	VARIANCE	0.135
KURTOSIS	1.468	SKEWNESS	-1.860	RANGE	1.000
MINIMUM	1.000	MAXIMUM	2.000		
VALID CASES	320	MISSING CASES	114		

VAR169 Area Including Suburbs of Medium City/Town (1 - Yes, 2 - No)

CATEGORY LABEL	CODE	ABSOLUTE FREQ	RELATIVE FREQ (PCT)	ADJUSTED FREQ (PCT)	CUM FREQ (PCT)
	1.	33	7.5	10.1	10.1
	2.	289	66.6	89.9	100.0
	-99.	108	24.9	MISSING	100.0
	9.	4	1.0	MISSING	100.0
	TOTAL	434	100.0	100.0	

MEAN	1.899	STD ERR	0.017	MEDIAN	1.944
MODE	2.000	STD DEV	0.302	VARIANCE	0.091
KURTOSIS	5.064	SKEWNESS	-2.652	RANGE	1.000
MINIMUM	1.000	MAXIMUM	2.000		
VALID CASES	321	MISSING CASES	112		

VAR170 Area Including Suburbs of Large City (1 - Yes, 2 - No)

CATEGORY LABEL	CODE	ABSOLUTE FREQ	RELATIVE FREQ (PCT)	ADJUSTED FREQ (PCT)	CUM FREQ (PCT)
	1.	15	3.5	4.7	4.7
	2.	305	70.4	95.3	100.0
	-99.	108	24.9	MISSING	100.0
	9.	5	1.2	MISSING	100.0
	TOTAL	434	100.0	100.0	

MEAN	1.953	STD ERR	0.012	MEDIAN	1.975
MODE	2.000	STD DEV	0.212	VARIANCE	0.045
KURTOSIS	16.668	SKEWNESS	-4.309	RANGE	1.000
MINIMUM	1.000	MAXIMUM	2.000		
VALID CASES	320	MISSING CASES	113		

VAR171 Area Including Large City (1 - Yes, 2 - No)

CATEGORY LABEL	CODE	ABSOLUTE FREQ	RELATIVE FREQ (PCT)	ADJUSTED FREQ (PCT)	CUM FREQ (PCT)
	1.	12	2.7	3.6	3.6
	2.	309	71.4	96.4	100.0
	-99.	108	24.9	MISSING	100.0
	9.	4	1.0	MISSING	100.0
	TOTAL	434	100.0	100.0	

MEAN	1.964	STD ERR	0.010	MEDIAN	1.981
MODE	2.000	STD DEV	0.188	VARIANCE	0.035
KURTOSIS	22.816	SKEWNESS	-4.967	RANGE	1.000
MINIMUM	1.000	MAXIMUM	2.000		

VALID CASES 321 MISSING CASES 112

VAR172 Population Section 8 Jurisdiction

MEAN	123651.563	STD ERR	20777.531	MEDIAN	35999.250
MODE	50000.000	STD DEV	366815.313	VARIANCE	**********
KURTOSIS	260.601	SKEWNESS	13.301	RANGE	7999991.000
MINIMUM	9.000	MAXIMUM	8000000.000		
VALID CASES	312	MISSING CASES	122		

VAR173 Any Housing Programs Besides Section 8 - Existing? (1 - Yes, 2 - No)

CATEGORY LABEL	CODE	ABSOLUTE FREQ	RELATIVE FREQ (PCT)	ADJUSTED FREQ (PCT)	CUM FREQ (PCT)
	1.	241	55.6	75.4	75.4
	2.	79	18.2	24.6	100.0
	-99.	108	24.9	MISSING	100.0
	9.	6	1.4	MISSING	100.0
	TOTAL	434	100.0	100.0	

MEAN	1.246	STD ERR	0.024	MEDIAN	1.163
MODE	1.000	STD DEV	0.432	VARIANCE	0.186
KURTOSIS	-0.603	SKEWNESS	1.183	RANGE	1.000
MINIMUM	1.000	MAXIMUM	2.000		
VALID CASES	320	MISSING CASES	114		

VAR175 Vacancy Rate

CATEGORY LABEL	CODE	ABSOLUTE FREQ	RELATIVE FREQ (PCT)	ADJUSTED FREQ (PCT)	CUM FREQ (PCT)
0 - 1%	1.	115	26.5	41.2	41.2
1.01 - 2%	2.	48	11.1	17.3	58.5
2.01 - 4%	3.	45	10.5	16.3	74.7
4.01 - 7%	4.	43	9.9	15.3	90.0
> 7%	5.	28	6.4	10.0	100.0
	-99.	108	24.9	MISSING	100.0
	0.	2	0.5	MISSING	100.0
	9.	44	10.1	MISSING	100.0
	TOTAL	434	100.0	100.0	

MEAN	2.356	STD ERR	0.084	MEDIAN	2.011
MODE	1.000	STD DEV	1.401	VARIANCE	1.964
KURTOSIS	-1.063	SKEWNESS	0.562	RANGE	4.000
MINIMUM	1.000	MAXIMUM	5.000		

VALID CASES 279 MISSING CASES 154

VAR176 Receive more/less than $275 per unit?

CATEGORY LABEL		CODE	ABSOLUTE FREQ	RELATIVE FREQ (PCT)	ADJUSTED FREQ (PCT)	CUM FREQ (PCT)
More	-	1.	16	3.7	5.3	5.3
Less	-	2.	136	31.3	44.4	49.6
Received $275	-	3.	154	35.6	50.4	100.0
		-99.	108	24.9	MISSING	100.0
		9.	19	4.5	MISSING	100.0
		TOTAL	434	100.0	100.0	

MEAN	2.451	STD ERR	0.034	MEDIAN	2.507
MODE	3.000	STD DEV	0.595	VARIANCE	0.354
KURTOSIS	-0.602	SKEWNESS	-0.566	RANGE	2.000
MINIMUM	1.000	MAXIMUM	3.000		

VALID CASES 306 MISSING CASES 127

VARIABLE VAR178 Number of Applications Renewed

MEAN	434.150	STD ERROR	81.914	STD DEV	1437.600
VARIANCE	**********	KURTOSIS	274.652	SKEWNESS	15.193
RANGE	26839.000	MINIMUM	0.0	MAXIMUM	26839.000
SUM	133722.563				

VALID OBSERVATIONS - 308 MISSING OBSERVATIONS - 126

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VARIABLE VAR179 Number Eligible

MEAN	340.442	STD ERROR	47.906	STD DEV	836.244
VARIANCE	699304.438	KURTOSIS	166.572	SKEWNESS	10.999
RANGE	13838.000	MINIMUM	0.0	MAXIMUM	13838.000
SUM	103737.313				

VALID OBSERVATIONS - 305 MISSING OBSERVATIONS - 129

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VARIABLE VAR180 Number Certified

MEAN	209.489	STD ERROR	30.638	STD DEV	536.748
VARIANCE	288098.250	KURTOSIS	111.634	SKEWNESS	9.129
RANGE	7800.000	MINIMUM	0.0	MAXIMUM	7800.000
SUM	64294.555				

VALID OBSERVATIONS - 307 MISSING OBSERVATIONS - 127

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VARIABLE VAR181 Number of Recipients

MEAN	127.001	STD ERROR	14.019	STD DEV	246.175
VARIANCE	60601.953	KURTOSIS	53.182	SKEWNESS	6.256
RANGE	2854.000	MINIMUM	0.0	MAXIMUM	2854.000
SUM	39164.074				

VALID OBSERVATIONS - 308 MISSING OBSERVATIONS - 125

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VARIABLE VAR182 Number Remaining in Unit Initially Occupied

MEAN	71.318	STD ERROR	6.520	STD DEV	113.544
VARIANCE	12892.191	KURTOSIS	44.342	SKEWNESS	5.475
RANGE	1323.000	MINIMUM	0.0	MAXIMUM	1323.000
SUM	21626.980				

VALID OBSERVATIONS - 303 MISSING OBSERVATIONS - 130

VARIABLE VAR183 Number of Recipients Leaving the Program

MEAN	57.179	STD ERROR	8.216	STD DEV	143.600
VARIANCE	20620.836	KURTOSIS	74.173	SKEWNESS	7.185
RANGE	2144.000	MINIMUM	0.0	MAXIMUM	2144.000
SUM	17464.992				

VALID OBSERVATIONS - 305 MISSING OBSERVATIONS - 128

VARIABLE VAR184 Number Moving from one Section 8 Unit to Another

MEAN	25.491	STD ERROR	5.182	STD DEV	89.971
VARIANCE	8094.867	KURTOSIS	86.893	SKEWNESS	8.454
RANGE	1077.000	MINIMUM	0.0	MAXIMUM	1077.000
SUM	7683.406				

VALID OBSERVATIONS - 301 MISSING OBSERVATIONS - 132

VARIABLE VAR188 Number of Initial Inspections

MEAN	142.614	STD ERROR	16.195	STD DEV	280.989
VARIANCE	78955.063	KURTOSIS	40.678	SKEWNESS	5.599
RANGE	2867.000	MINIMUM	0.0	MAXIMUM	2867.000
SUM	42934.297				

VALID OBSERVATIONS - 301 MISSING OBSERVATIONS - 133

VARIABLE VAR189 Number of New Units Initially Unacceptable

MEAN	31.864	STD ERROR	5.258	STD DEV	91.391
VARIANCE	8352.223	KURTOSIS	121.430	SKEWNESS	9.374
RANGE	1377.000	MINIMUM	0.0	MAXIMUM	1377.000
SUM	9627.789				

VALID OBSERVATIONS - 302 MISSING OBSERVATIONS - 131

VARIABLE VAR190 Number of Reinspections - New Units

MEAN	54.453	STD ERROR	15.073	STD DEV	260.098
VARIANCE	67650.813	KURTOSIS	147.473	SKEWNESS	11.453
RANGE	3787.000	MINIMUM	0.0	MAXIMUM	3787.000
SUM	16213.598				

VALID OBSERVATIONS - 298 MISSING OBSERVATIONS - 136

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VARIABLE VAR191 Number of Annual Reinspections

MEAN	188.776	STD ERROR	23.059	STD DEV	402.041
VARIANCE	161637.313	KURTOSIS	46.236	SKEWNESS	5.790
RANGE	5217.000	MINIMUM	0.0	MAXIMUM	5217.000
SUM	57384.313				

VALID OBSERVATIONS - 304 MISSING OBSERVATIONS - 130

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VARIABLE VAR194 Number of FTE's

MEAN	2.800	STD ERROR	0.263	STD DEV	4.492
VARIANCE	20.178	KURTOSIS	48.398	SKEWNESS	6.029
RANGE	46.940	MINIMUM	0.010	MAXIMUM	46.950
SUM	816.178				

VALID OBSERVATIONS - 292 MISSING OBSERVATIONS - 142

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VARIABLE VAR196 Number of CETA Employees

MEAN	1.714	STD ERROR	0.314	STD DEV	2.074
VARIANCE	4.303	KURTOSIS	32.017	SKEWNESS	5.286
RANGE	14.000	MINIMUM	1.000	MAXIMUM	15.000
SUM	74.715				

VALID OBSERVATIONS - 44 MISSING OBSERVATIONS - 390

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VAR192 Housing Quality Standards Used

CATEGORY LABEL		CODE	ABSOLUTE FREQ	RELATIVE FREQ (PCT)	ADJUSTED FREQ (PCT)	CUM FREQ (PCT)
HUD	-	1.	172	39.7	54.8	54.8
HUD with moderations	-	2.	92	21.2	29.3	84.0
State	-	3.	10	2.2	3.0	87.1
Local	-	4.	19	4.3	5.9	93.0
Other	-	5.	22	5.1	7.0	100.0
		-99.	108	24.9	MISSING	100.0
		9.	11	2.6	MISSING	100.0
		TOTAL	434	100.0	100.0	

MEAN	1.811	STD ERR	0.067	MEDIAN	1.413
MODE	1.000	STD DEV	1.189	VARIANCE	1.414
KURTOSIS	1.519	SKEWNESS	1.592	RANGE	4.000
MINIMUM	1.000	MAXIMUM	5.000		
VALID CASES	314	MISSING CASES	119		

VAR195 Are there CETA Personnel? (1- Yes, 2- No)

CATEGORY LABEL	CODE	ABSOLUTE FREQ	RELATIVE FREQ (PCT)	ADJUSTED FREQ (PCT)	CUM FREQ (PCT)
	1.	41	9.5	13.1	13.1
	2.	274	63.2	86.9	100.0
	-99.	108	24.9	MISSING	100.0
	0.	1	0.3	MISSING	100.0
	9.	9	2.0	MISSING	100.0
	TOTAL	434	100.0	100.0	

MEAN	1.869	STD ERR	0.019	MEDIAN	1.924
MODE	2.000	STD DEV	0.338	VARIANCE	0.114
KURTOSIS	2.834	SKEWNESS	-2.195	RANGE	1.000
MINIMUM	1.000	MAXIMUM	2.000		
VALID CASES	315	MISSING CASES	118		

VARIABLE VAR197 Percentage of Time Charged to Section 8

MEAN	58.800	STD ERROR	6.450	STD DEV	41.863
VARIANCE	1752.503	KURTOSIS	-1.738	SKEWNESS	-0.276
RANGE	100.000	MINIMUM	0.0	MAXIMUM	100.000
SUM	2476.576				

VALID OBSERVATIONS - 42 MISSING OBSERVATIONS - 392

VARIABLE VAR198 Cost of CETA Employees

MEAN	2125.248	STD ERROR	1136.055	STD DEV	7177.957
VARIANCE	**********	KURTOSIS	28.834	SKEWNESS	4.998
RANGE	46130.000	MINIMUM	0.0	MAXIMUM	46130.000
SUM	84842.313				

VALID OBSERVATIONS - 40 MISSING OBSERVATIONS - 394

VARIABLE VAR199 Percentage of Time - Landlord Outreach

MEAN	8.400	STD ERROR	0.393	STD DEV	6.579
VARIANCE	43.284	KURTOSIS	11.414	SKEWNESS	2.482
RANGE	65.000	MINIMUM	0.0	MAXIMUM	65.000
SUM	2359.720				

VALID OBSERVATIONS - 281 MISSING OBSERVATIONS - 153

VARIABLE VAR200 Percentage of Time - Tenant Outreach

MEAN	8.936	STD ERROR	0.454	STD DEV	7.586
VARIANCE	57.554	KURTOSIS	9.840	SKEWNESS	2.238
RANGE	65.000	MINIMUM	0.0	MAXIMUM	65.000
SUM	2497.064				

VALID OBSERVATIONS - 279 MISSING OBSERVATIONS - 154

VARIABLE VAR201 Percentage of Time - Eligibility Determination

MEAN	18.396	STD ERROR	0.771	STD DEV	12.875
VARIANCE	165.758	KURTOSIS	4.822	SKEWNESS	1.835
RANGE	75.000	MINIMUM	0.0	MAXIMUM	75.000
SUM	5127.074				

VALID OBSERVATIONS = 279 MISSING OBSERVATIONS = 155

VARIABLE VAR202 Percentage of Time - Initial Contract/Lease Negotiations

MEAN	14.050	STD ERROR	0.545	STD DEV	9.119
VARIANCE	83.165	KURTOSIS	13.795	SKEWNESS	2.379
RANGE	80.000	MINIMUM	0.0	MAXIMUM	80.000
SUM	3931.282				

VALID OBSERVATIONS = 280 MISSING OBSERVATIONS = 154

VARIABLE VAR203 Percentage of Time - Inspections

MEAN	13.747	STD ERROR	0.523	STD DEV	8.747
VARIANCE	76.506	KURTOSIS	4.132	SKEWNESS	1.241
RANGE	60.000	MINIMUM	0.0	MAXIMUM	60.000
SUM	3841.552				

VALID OBSERVATIONS = 279 MISSING OBSERVATIONS = 154

VARIABLE VAR204 Percentage of Time - Recertification/Contract Renewals

MEAN	16.653	STD ERROR	0.660	STD DEV	11.019
VARIANCE	121.412	KURTOSIS	3.012	SKEWNESS	1.328
RANGE	65.000	MINIMUM	0.0	MAXIMUM	65.000
SUM	4635.207				

VALID OBSERVATIONS = 278 MISSING OBSERVATIONS = 155

VARIABLE VAR205 Percentage of Time - General Services

MEAN	8.443	STD ERROR	0.454	STD DEV	7.553
VARIANCE	57.054	KURTOSIS	11.114	SKEWNESS	2.602
RANGE	60.000	MINIMUM	0.0	MAXIMUM	60.000
SUM	2337.749				

VALID OBSERVATIONS = 277 MISSING OBSERVATIONS = 157

VARIABLE VAR206 Percentage of Time - Other

MEAN	4.071	STD ERROR	0.506	STD DEV	8.099
VARIANCE	65.597	KURTOSIS	9.108	SKEWNESS	2.766
RANGE	50.000	MINIMUM	0.0	MAXIMUM	50.000
SUM	1043.809				

VALID OBSERVATIONS = 256 MISSING OBSERVATIONS = 177

VARIABLE VAR210 Amount Paid for Inspections if Contracted

MEAN	411.527	STD ERROR	178.561	STD DEV	3100.059
VARIANCE	**********	KURTOSIS	132.015	SKEWNESS	10.729
RANGE	50000.000	MINIMUM	0.0	MAXIMUM	50000.000
SUM	124041.563				

VALID OBSERVATIONS = 301 MISSING OBSERVATIONS = 132

VARIABLE VAR211 Amount Paid for Income Verification if Contracted

MEAN	129.489	STD ERROR	201.401	STD DEV	3494.480
VARIANCE	**********	KURTOSIS	827.748	SKEWNESS	28.685
RANGE	100000.000	MINIMUM	0.0	MAXIMUM	100000.000
SUM	38982.910				

VALID OBSERVATIONS = 301 MISSING OBSERVATIONS = 133

VARIABLE VAR212 Amount Paid for Outreach if Contracted

MEAN	117.039	STD ERROR	124.138	STD DEV	2156.513
VARIANCE	**********	KURTOSIS	467.016	SKEWNESS	21.290
RANGE	51000.000	MINIMUM	0.0	MAXIMUM	51000.000
SUM	35320.488				

VALID OBSERVATIONS - 302 MISSING OBSERVATIONS - 132

VARIABLE VAR213 Amount Paid for Other Contracted Services

MEAN	403.811	STD ERROR	108.627	STD DEV	1884.775
VARIANCE	**********	KURTOSIS	46.499	SKEWNESS	6.502
RANGE	19190.000	MINIMUM	0.0	MAXIMUM	19190.000
SUM	121568.188				

VALID OBSERVATIONS - 301 MISSING OBSERVATIONS - 133

VARIABLE VAR214 Total Paid for Contracted Services

MEAN	1025.060	STD ERROR	427.245	STD DEV	7413.059
VARIANCE	**********	KURTOSIS	474.479	SKEWNESS	19.734
RANGE	185000.000	MINIMUM	0.0	MAXIMUM	185000.000
SUM	308596.375				

VALID OBSERVATIONS - 301 MISSING OBSERVATIONS - 133

VARIABLE VAR215 Number of Services Provided at No Cost to PHA

MEAN	0.846	STD ERROR	0.079	STD DEV	1.352
VARIANCE	1.828	KURTOSIS	10.265	SKEWNESS	2.610
RANGE	9.000	MINIMUM	0.0	MAXIMUM	9.000
SUM	249.046				

VALID OBSERVATIONS - 294 MISSING OBSERVATIONS - 139

VARIABLE VAR216 Dollar Value of Services Provided at No Cost

MEAN	2149.371	STD ERROR	608.560	STD DEV	9589.734
VARIANCE	**********	KURTOSIS	231.248	SKEWNESS	13.618
RANGE	183000.000	MINIMUM	0.0	MAXIMUM	183000.000
SUM	533724.938				

VALID OBSERVATIONS - 248 MISSING OBSERVATIONS - 185

VAR217 How are Administrative Support Services Charged?

CATEGORY LABEL		CODE	ABSOLUTE FREQ	RELATIVE FREQ (PCT)	ADJUSTED FREQ (PCT)	CUM FREQ (PCT)
Direct	-	1.	127	29.3	42.2	42.2
Percent of Budget	-	2.	109	25.1	36.1	78.3
Other	-	3.	66	15.1	21.7	100.0
		-99.	108	24.9	MISSING	100.0
		0.	1	0.3	MISSING	100.0
		9.	23	5.2	MISSING	100.0
		TOTAL	434	100.0	100.0	

MEAN	1.796	STD ERR	0.045	MEDIAN	1.717
MODE	1.000	STD DEV	0.774	VARIANCE	0.599
KURTOSIS	-1.244	SKEWNESS	0.371	RANGE	2.000
MINIMUM	1.000	MAXIMUM	3.000		

VALID CASES 301 MISSING CASES 132

VAR218 Who Determines Section 8 Budget?

CATEGORY LABEL		CODE	ABSOLUTE FREQ	RELATIVE FREQ (PCT)	ADJUSTED FREQ (PCT)	CUM FREQ (PCT)
Section 8 Management	-	1.	133	30.7	43.0	43.0
PHA Management	-	2.	159	36.6	51.1	94.1
Both	-	3.	14	3.2	4.5	98.6
Other	-	4.	4	1.0	1.4	100.0
		-99.	108	24.9	MISSING	100.0
		9.	15	3.5	MISSING	100.0
		TOTAL	434	100.0	100.0	

MEAN	1.643	STD ERR	0.036	MEDIAN	1.637
MODE	2.000	STD DEV	0.637	VARIANCE	0.405
KURTOSIS	1.144	SKEWNESS	0.806	RANGE	3.000
MINIMUM	1.000	MAXIMUM	4.000		

VALID CASES 310 MISSING CASES 123

VAR219 Is Payment System Automated? (1 - Yes, 2 - No)

CATEGORY LABEL	CODE	ABSOLUTE FREQ	RELATIVE FREQ (PCT)	ADJUSTED FREQ (PCT)	CUM FREQ (PCT)
	1.	71	16.3	22.5	22.5
	2.	244	56.2	77.5	100.0
	-99.	108	24.9	MISSING	100.0
	9.	11	2.5	MISSING	100.0
	TOTAL	434	100.0	100.0	

MEAN	1.775	STD ERR	0.024	MEDIAN	1.855
MODE	2.000	STD DEV	0.418	VARIANCE	0.175
KURTOSIS	-0.244	SKEWNESS	-1.326	RANGE	1.000
MINIMUM	1.000	MAXIMUM	2.000		
VALID CASES	315	MISSING CASES	119		

VAR220 Is Accounting System Automated? (1 - Yes, 2 - No)

CATEGORY LABEL	CODE	ABSOLUTE FREQ	RELATIVE FREQ (PCT)	ADJUSTED FREQ (PCT)	CUM FREQ (PCT)
	1.	76	17.6	24.3	24.3
	2.	237	54.6	75.7	100.0
	-99.	108	24.9	MISSING	100.0
	9.	12	2.9	MISSING	100.0
	TOTAL	434	100.0	100.0	

MEAN	1.757	STD ERR	0.024	MEDIAN	1.839
MODE	2.000	STD DEV	0.430	VARIANCE	0.185
KURTOSIS	-0.558	SKEWNESS	-1.202	RANGE	1.000
MINIMUM	1.000	MAXIMUM	2.000		

VALID CASES 313 MISSING CASES 120

VARIABLE VAR239 Average Family Contribution as Percentage of Rent

MEAN	40.581	STD ERROR	0.524	STD DEV	6.596
VARIANCE	43.505	KURTOSIS	0.159	SKEWNESS	-0.182
RANGE	36.000	MINIMUM	20.000	MAXIMUM	56.000
SUM	6420.707				

VALID OBSERVATIONS - 158 MISSING OBSERVATIONS - 275

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VARIABLE VAR240 Average Income

MEAN	4037.523	STD ERROR	68.839	STD DEV	865.895
VARIANCE	749773.875	KURTOSIS	-0.399	SKEWNESS	0.630
RANGE	4250.000	MINIMUM	2426.000	MAXIMUM	6676.000
SUM	638815.125				

VALID OBSERVATIONS - 158 MISSING OBSERVATIONS - 275

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VARIABLE VAR245 Percent White

MEAN	74.658	STD ERROR	2.252	STD DEV	28.331
VARIANCE	802.651	KURTOSIS	0.137	SKEWNESS	-1.116
RANGE	100.000	MINIMUM	0.0	MAXIMUM	100.000
SUM	11812.371				

VALID OBSERVATIONS - 158 MISSING OBSERVATIONS - 275

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VARIABLE VAR246 Percent Black

MEAN	18.565	STD ERROR	1.946	STD DEV	24.473
VARIANCE	598.903	KURTOSIS	1.557	SKEWNESS	1.531
RANGE	100.000	MINIMUM	0.0	MAXIMUM	100.000
SUM	2937.353				

VALID OBSERVATIONS - 158 MISSING OBSERVATIONS - 275

- -

VARIABLE VAR266 Percentage Wherein Head/Spouse 62 Years or Older

MEAN	56.224	STD ERROR	1.646	STD DEV	20.706
VARIANCE	428.747	KURTOSIS	0.082	SKEWNESS	-0.327
RANGE	97.100	MINIMUM	0.0	MAXIMUM	97.100
SUM	8895.746				

VALID OBSERVATIONS - 158 MISSING OBSERVATIONS - 275

KEY TO VARIABLE NAMES

LOC (categorical) - 1 - Metro 3 - State
2 - Reg. 4 - Nonmetro

VAR89 - Number of units under lease

VAR175 - Vacancy rate (see codebook)

INC - Median family income index (100.0 = mean)

MCETA - CETA wage index (service workers) for PHAs in SMSAs (100.0 = mean)

NMCETA - CETA wage index (service workers) for PHAs outside SMSAs (100.0 = mean)

MWAGE - BLS public administration wage index for PHAs in SMSAs (100.0 = mean)

NMWAGE - BLS public administration wage index for PHAs outside SMSAs (100.0 = mean)

VAR16 - 2-bedroom FMR

TURN1 - Number of recipients leaving program/number of units under lease

TURN2 - Number of recipients moving from one Section 8-E Unit to another/number of units under lease

TURN - Number of recipients leaving or moving/number of units under lease

YIELD - Number of recipients/number of applications reviewed

INSPI - (Number of initial inspections of new units + number of reinspections of units initially unacceptable)/number of units under lease = intake inspection rate

INSPM - Number of annual reinspections/number of units under lease = Maintenance inspection rate

PROPELD - Number of elderly units under ACC/number of units under ACC = proportion elderly

SEC8 - Proportion Section 8 - Existing = number of Section 8-E units under lease/(number of Section 8-E units under lease + number of other units under lease)

FTEPTUM - Number of FTEs per 1000 unit months

TIME1 - Proportion of staff time - landlord outreach

TIME2 - Proportion of staff time - tenant outreach

TIME3 - Proportion of staff time - eligibility determination

TIME4 - Proportion of staff time - initial contract/lease negotiations

TIME5 - Proportion of staff time - all inspections

TIME6 - Proportion of staff time - recertification/contract renewals

TIME7 - Proportion of staff time - general services

TIME8 - Proportion of staff time - other

TIME5I - Proportion of staff time - intake inspections

TIME5M - Proportion of staff time - maintenance (annual) inspections

FTEPTUM1 - Number of FTEs per 1000 unit mos. - landlord outreach

FTEPTUM2 - Number of FTEs per 1000 unit mos. - tenant outreach

FTEPTUM3 - Number of FTEs per 1000 unit mos. - eligibility determination

FTEPTUM4 - Number of FTEs per 1000 unit mos. - initial negotiations

FTEPTUM5 - Number of FTEs per 1000 unit mos. - all inspections

FTEPTUM6 - Number of FTEs per 1000 unit mos. - recertification/ contract renewals

FTEPTUM7 - Number of FTEs per 1000 unit mos. - general services

FTEPTUM8 - Number of FTEs per 1000 unit mos. - other

FTETUM5I - Number of FTEs per 1000 unit mos. - intake inspections

FTETUM5M - Number of FTEs per 1000 unit mos. - maintenance (annual) inspections

FEEPUM - ongoing administrative costs + preliminary expenses PUM = (VAR127 + VAR102 + VAR103)/unit months

PREPUM - preliminary expenses PUM

ADMPUM - ongoing administrative costs PUM

PCTPRE - preliminary expenses as a proportion of total

- - - - - - - - - - - - - PEARSON CORRELATION COEFFICIENTS - - - - - - - - - - - - -

	LOC	LOC1	VAR89	SIZE1	SIZE2	VAR175	INC	WAGE	CETA	VAR16
LOC	1.0000 (0) S=0.001	0.9317 (411) S=0.001	-0.1902 (267) S=0.001	0.2185 (268) S=0.001	-0.1694 (268) S=0.003	-0.0378 (271) S=0.268	-0.6145 (264) S=0.001	-0.5785 (299) S=0.001	-0.6107 (372) S=0.001	-0.5420 (237) S=0.001
LOC1	0.9317 (411) S=0.001	1.0000 (0) S=0.001	-0.2253 (267) S=0.001	0.1880 (268) S=0.001	-0.2195 (268) S=0.001	-0.0476 (271) S=0.218	-0.6192 (264) S=0.001	-0.6494 (299) S=0.001	-0.6179 (372) S=0.001	-0.5963 (237) S=0.001
VAR89	-0.1902 (267) S=0.001	-0.2253 (267) S=0.001	1.0000 (0) S=0.001	-0.2114 (270) S=0.001	0.6960 (270) S=0.001	0.0972 (184) S=0.095	0.2393 (165) S=0.001	0.2899 (186) S=0.001	0.2359 (241) S=0.001	0.1771 (238) S=0.003
SIZE1	0.2185 (268) S=0.001	0.1880 (268) S=0.001	-0.2114 (270) S=0.001	1.0000 (0) S=0.001	-0.1308 (280) S=0.014	-0.2794 (184) S=0.001	-0.1634 (164) S=0.018	-0.0485 (186) S=0.255	-0.1338 (242) S=0.019	-0.1672 (240) S=0.005
SIZE2	-0.1694 (268) S=0.003	-0.2195 (268) S=0.001	0.6960 (270) S=0.001	-0.1308 (280) S=0.014	1.0000 (0) S=0.001	0.0380 (184) S=0.304	0.2222 (164) S=0.002	0.2795 (186) S=0.001	0.2184 (242) S=0.001	0.1555 (240) S=0.008
VAR175	-0.0378 (271) S=0.268	-0.0476 (271) S=0.218	0.0972 (184) S=0.095	-0.2794 (184) S=0.001	0.0380 (184) S=0.304	1.0000 (0) S=0.001	0.0313 (180) S=0.338	-0.0056 (199) S=0.469	0.0046 (249) S=0.471	-0.0697 (163) S=0.188
INC	-0.6145 (264) S=0.001	-0.6192 (264) S=0.001	0.2393 (165) S=0.001	-0.1634 (164) S=0.018	0.2222 (164) S=0.002	0.0313 (180) S=0.338	1.0000 (0) S=0.001	0.6265 (204) S=0.001	0.7138 (264) S=0.001	0.6347 (146) S=0.001
WAGE	-0.5785 (299) S=0.001	-0.6494 (299) S=0.001	0.2899 (186) S=0.001	-0.0485 (186) S=0.255	0.2795 (186) S=0.001	-0.0056 (199) S=0.469	0.6265 (204) S=0.001	1.0000 (0) S=0.001	0.6602 (267) S=0.001	0.6445 (172) S=0.001
CETA	-0.6107 (372) S=0.001	-0.6179 (372) S=0.001	0.2359 (241) S=0.001	-0.1338 (242) S=0.019	0.2184 (242) S=0.001	0.0046 (249) S=0.471	0.7138 (264) S=0.001	0.6602 (267) S=0.001	1.0000 (0) S=0.001	0.6609 (212) S=0.001
VAR16	-0.5420 (237) S=0.001	-0.5963 (237) S=0.001	0.1771 (238) S=0.003	-0.1672 (240) S=0.005	0.1555 (240) S=0.008	-0.0697 (163) S=0.188	0.6347 (146) S=0.001	0.6445 (172) S=0.001	0.6609 (212) S=0.001	1.0000 (0) S=0.001
TURN	0.1815 (190) S=0.006	0.1655 (190) S=0.011	0.0515 (194) S=0.238	-0.0446 (189) S=0.271	0.0115 (189) S=0.438	0.0289 (176) S=0.352	-0.0927 (122) S=0.155	-0.1203 (132) S=0.085	-0.0202 (174) S=0.396	-0.1646 (168) S=0.016

(COEFFICIENT / (CASES) / SIGNIFICANCE) (A VALUE OF 99.0000 IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED)

- - - - - - - - - - - - PEARSON CORRELATION COEFFICIENTS - - - - - - - - - - - -

	LOC	LOC1	VAR89	SIZE1	SIZE2	VAR175	INC	WAGE	CETA	VAR16
YIELD	0.1827 (293) S=0.001	0.1631 (293) S=0.003	-0.0062 (199) S=0.466	0.1093 (199) S=0.062	-0.0210 (199) S=0.384	-0.1001 (268) S=0.051	-0.2109 (196) S=0.002	-0.1511 (211) S=0.014	-0.1018 (271) S=0.047	-0.1508 (176) S=0.022
INSPI	0.1944 (141) S=0.011	0.2255 (141) S=0.004	0.0644 (144) S=0.222	0.0471 (140) S=0.290	0.0785 (140) S=0.178	0.1567 (129) S=0.038	-0.2243 (90) S=0.017	-0.2092 (103) S=0.017	-0.1975 (128) S=0.013	-0.2602 (119) S=0.001
INSPM	0.0623 (126) S=0.242	0.0747 (128) S=0.201	-0.0282 (131) S=0.375	0.0760 (126) S=0.199	-0.0176 (126) S=0.423	-0.0597 (114) S=0.264	-0.1141 (80) S=0.157	-0.1101 (92) S=0.148	-0.2121 (115) S=0.011	-0.1526 (111) S=0.055
PROPELD	0.1111 (233) S=0.045	0.0777 (233) S=0.119	-0.0148 (234) S=0.411	0.1244 (235) S=0.028	-0.0013 (235) S=0.492	-0.1918 (160) S=0.008	0.0005 (145) S=0.498	0.0483 (170) S=0.266	-0.0490 (206) S=0.242	0.0869 (232) S=0.094
SECB	-0.0321 (153) S=0.347	0.0239 (153) S=0.385	0.1726 (155) S=0.016	-0.3696 (153) S=0.001	0.0641 (153) S=0.215	0.2041 (141) S=0.008	-0.0421 (99) S=0.340	-0.0251 (112) S=0.396	-0.1157 (139) S=0.088	-0.1301 (136) S=0.066
NSECB	-0.1101 (311) S=0.026	-0.1099 (311) S=0.026	0.0773 (205) S=0.135	-0.0325 (205) S=0.322	0.0630 (205) S=0.185	-0.0286 (279) S=0.317	0.2874 (206) S=0.001	0.2253 (227) S=0.001	0.1137 (286) S=0.027	0.1167 (183) S=0.058
FTEPTUM	0.1217 (192) S=0.047	0.1456 (192) S=0.022	-0.1870 (195) S=0.004	0.3813 (190) S=0.001	-0.0689 (190) S=0.173	0.0813 (173) S=0.144	-0.3343 (119) S=0.001	-0.2420 (133) S=0.003	-0.0384 (173) S=0.308	-0.0664 (170) S=0.195
TIME1	0.0566 (247) S=0.188	0.1095 (247) S=0.043	0.0250 (163) S=0.376	0.1825 (162) S=0.010	0.0996 (162) S=0.104	-0.0781 (220) S=0.124	-0.0408 (170) S=0.299	-0.1105 (183) S=0.068	-0.0068 (226) S=0.460	-0.1078 (144) S=0.099
TIME2	0.0671 (247) S=0.147	0.1215 (247) S=0.028	-0.0416 (163) S=0.299	0.1289 (162) S=0.051	-0.0087 (162) S=0.456	0.0144 (220) S=0.416	-0.1311 (170) S=0.044	-0.1581 (183) S=0.016	-0.0491 (226) S=0.232	-0.0652 (144) S=0.219
TIME3	0.1154 (247) S=0.035	0.1037 (247) S=0.052	-0.0809 (163) S=0.153	-0.1219 (162) S=0.061	-0.0974 (162) S=0.109	0.1850 (220) S=0.003	-0.1505 (170) S=0.025	-0.0764 (183) S=0.152	-0.1375 (226) S=0.020	-0.2051 (144) S=0.007
TIME4	0.0670 (247) S=0.147	0.0965 (247) S=0.065	-0.0701 (163) S=0.187	0.0100 (162) S=0.450	-0.0454 (162) S=0.283	-0.0822 (220) S=0.112	-0.0913 (170) S=0.118	-0.0192 (183) S=0.398	0.0247 (226) S=0.356	0.1986 (144) S=0.009

(COEFFICIENT / CASES) / SIGNIFICANCE) (A VALUE OF 99.0000 IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED)

- - - - - - - - - - - - PEARSON CORRELATION COEFFICIENTS - - - - - - - - - - - -

	LOC	LOC1	VAR89	SIZE1	SIZE2	VAR175	INC	WAGE	CETA	VAR16
TIME5	-0.0991	-0.0910	0.0367	-0.0473	0.0259	-0.0399	0.0376	-0.0611	0.0266	0.0277
	(247)	(247)	(163)	(162)	(162)	(220)	(170)	(183)	(226)	(144)
	S=0.060	S=0.077	S=0.321	S=0.275	S=0.372	S=0.278	S=0.313	S=0.206	S=0.346	S=0.371
TIME6	-0.1653	-0.2388	0.0613	-0.1024	0.0128	-0.0109	0.2803	0.1862	0.1022	0.1529
	(247)	(247)	(163)	(162)	(162)	(220)	(170)	(183)	(226)	(144)
	S=0.005	S=0.001	S=0.219	S=0.097	S=0.436	S=0.436	S=0.001	S=0.006	S=0.063	S=0.034
TIME7	-0.0413	-0.0573	0.0480	0.0399	0.0475	-0.0373	0.0471	0.2673	0.1167	0.0667
	(247)	(247)	(163)	(162)	(162)	(220)	(170)	(183)	(226)	(144)
	S=0.259	S=0.185	S=0.272	S=0.307	S=0.274	S=0.291	S=0.271	S=0.001	S=0.040	S=0.214
TIME8	-0.0126	-0.0174	0.0472	0.0461	0.0353	-0.0552	0.0360	0.0040	-0.0049	0.0174
	(247)	(247)	(163)	(162)	(162)	(220)	(170)	(183)	(226)	(144)
	S=0.422	S=0.393	S=0.275	S=0.280	S=0.328	S=0.208	S=0.320	S=0.479	S=0.471	S=0.418
TIMES1	0.1138	0.0850	-0.1025	0.0356	-0.1287	0.2377	-0.0198	-0.2099	-0.2468	-0.0479
	(73)	(73)	(75)	(72)	(72)	(66)	(51)	(55)	(67)	(59)
	S=0.169	S=0.237	S=0.191	S=0.383	S=0.141	S=0.027	S=0.445	S=0.063	S=0.022	S=0.359
TIMESM	-0.0718	-0.1541	-0.0789	-0.0800	-0.1501	0.1300	-0.0145	-0.1731	-0.1074	0.1764
	(73)	(73)	(75)	(72)	(72)	(66)	(51)	(55)	(67)	(59)
	S=0.273	S=0.096	S=0.251	S=0.252	S=0.104	S=0.149	S=0.460	S=0.104	S=0.193	S=0.090
FTEPTUM1	0.0485	0.0713	-0.1839	0.3921	-0.0628	0.0654	-0.2832	-0.2334	0.0585	0.0150
	(154)	(154)	(156)	(152)	(152)	(138)	(101)	(109)	(139)	(135)
	S=0.275	S=0.189	S=0.011	S=0.001	S=0.221	S=0.223	S=0.002	S=0.007	S=0.247	S=0.432
FTEPTUM2	0.0316	0.0847	-0.1907	0.3906	-0.0684	0.0860	-0.3930	-0.2045	0.0314	0.0013
	(154)	(154)	(156)	(152)	(152)	(138)	(101)	(109)	(139)	(135)
	S=0.349	S=0.148	S=0.008	S=0.001	S=0.201	S=0.158	S=0.001	S=0.016	S=0.357	S=0.494
FTEPTUM3	0.1067	0.1397	-0.1631	0.2620	-0.0650	0.1731	-0.3225	-0.1970	-0.0947	-0.0834
	(154)	(154)	(156)	(152)	(152)	(138)	(101)	(109)	(139)	(135)
	S=0.094	S=0.042	S=0.021	S=0.001	S=0.213	S=0.021	S=0.001	S=0.020	S=0.134	S=0.168
FTEPTUM4	0.0996	0.1222	-0.1477	0.2712	-0.0529	0.0680	-0.4112	-0.0981	0.0409	0.0965
	(154)	(154)	(156)	(152)	(152)	(138)	(101)	(109)	(139)	(135)
	S=0.109	S=0.065	S=0.033	S=0.001	S=0.259	S=0.214	S=0.001	S=0.155	S=0.317	S=0.133
FTEPTUM5	0.0814	0.1197	-0.1701	0.3583	-0.0523	0.1027	-0.2449	-0.3175	-0.0383	0.0051
	(154)	(154)	(156)	(152)	(152)	(138)	(101)	(109)	(139)	(135)
	S=0.158	S=0.069	S=0.017	S=0.001	S=0.261	S=0.115	S=0.007	S=0.001	S=0.327	S=0.476

(COEFFICIENT / (CASES) / SIGNIFICANCE) (A VALUE OF 99.0000 IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED)

- - - - - - - - - - - - PEARSON CORRELATION COEFFICIENTS - - - - - - - - - - - -

	LOC	LOC1	VAR89	SIZE1	SIZE2	VAR175	INC	WAGE	CETA	VAR16
FTEPTUM6	-0.0270 (154) S=0.370	0.0075 (154) S=0.463	-0.1261 (156) S=0.058	0.2626 (152) S=0.001	-0.0503 (152) S=0.269	0.0760 (138) S=0.188	-0.0241 (101) S=0.405	-0.1269 (109) S=0.094	-0.0007 (139) S=0.497	0.0329 (135) S=0.352
FTEPTUM7	0.1535 (154) S=0.029	0.1422 (154) S=0.039	-0.1416 (156) S=0.039	0.3184 (152) S=0.001	-0.0388 (152) S=0.318	0.0637 (138) S=0.229	-0.2594 (101) S=0.004	0.0605 (109) S=0.266	0.0773 (139) S=0.183	0.1172 (135) S=0.088
FTEPTUM8	-0.0093 (154) S=0.454	0.0116 (154) S=0.443	-0.1263 (156) S=0.058	0.1134 (152) S=0.082	-0.0414 (152) S=0.306	-0.0585 (138) S=0.248	-0.0925 (101) S=0.178	-0.0758 (109) S=0.216	0.0352 (139) S=0.340	-0.0006 (135) S=0.497
FTETUM5I	0.0823 (69) S=0.251	0.1037 (69) S=0.199	-0.1475 (70) S=0.111	0.3330 (67) S=0.003	-0.0501 (67) S=0.343	0.2179 (62) S=0.044	-0.3589 (48) S=0.006	-0.3421 (51) S=0.007	-0.3499 (63) S=0.003	-0.2436 (56) S=0.035
FTETUM5M	0.0014 (69) S=0.495	0.0328 (69) S=0.395	-0.1230 (70) S=0.155	0.2320 (67) S=0.029	-0.0556 (67) S=0.327	0.0943 (62) S=0.232	-0.3220 (48) S=0.013	-0.3134 (51) S=0.013	-0.2987 (63) S=0.009	-0.1111 (56) S=0.207
LIP	0.1847 (291) S=0.001	0.2047 (291) S=0.001	-0.1876 (196) S=0.004	0.2089 (196) S=0.002	-0.1250 (196) S=0.041	-0.0596 (264) S=0.167	-0.1860 (196) S=0.005	-0.2059 (211) S=0.001	-0.1541 (271) S=0.006	-0.0974 (178) S=0.098
NETINT	0.1721 (197) S=0.008	0.1698 (197) S=0.009	-0.1462 (200) S=0.019	0.2333 (195) S=0.001	-0.0853 (195) S=0.118	0.0995 (181) S=0.091	-0.1324 (126) S=0.070	-0.2294 (137) S=0.004	-0.1053 (179) S=0.080	-0.0656 (173) S=0.195
TOTINT	0.1428 (196) S=0.023	0.1704 (196) S=0.009	-0.1055 (199) S=0.069	0.1680 (194) S=0.010	-0.0685 (194) S=0.171	0.1290 (180) S=0.042	-0.1195 (125) S=0.092	-0.2574 (136) S=0.001	-0.0570 (178) S=0.225	-0.1222 (173) S=0.055
FEEPUM	0.0620 (266) S=0.157	0.0556 (266) S=0.183	-0.0875 (274) S=0.074	0.3450 (268) S=0.001	-0.0417 (268) S=0.248	0.0142 (183) S=0.424	-0.1235 (164) S=0.057	-0.0866 (185) S=0.121	0.0080 (240) S=0.451	0.0213 (235) S=0.372
PREPUM	0.1254 (267) S=0.020	0.1239 (267) S=0.022	-0.0940 (276) S=0.059	0.3171 (270) S=0.001	-0.0614 (270) S=0.157	0.0327 (184) S=0.330	-0.1790 (164) S=0.011	-0.1689 (186) S=0.011	-0.0540 (240) S=0.203	-0.0680 (237) S=0.146
ADMPUM	-0.1729 (266) S=0.002	-0.1856 (266) S=0.001	0.0206 (274) S=0.367	0.0316 (268) S=0.303	0.0515 (268) S=0.201	-0.0713 (183) S=0.169	0.1855 (164) S=0.009	0.2654 (185) S=0.001	0.1600 (240) S=0.007	0.2435 (235) S=0.001

(COEFFICIENT / (CASES) / SIGNIFICANCE) (A VALUE OF 99.0000 IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED)

- - - - - - - - - - - - - PEARSON CORRELATION COEFFICIENTS - - - - - - - - - - - - -

	LOC	LOC1	VAR89	SIZE1	SIZE2	VAR175	INC	WAGE	CETA	VAR16
PCTPRF	0.1258	0.1398	-0.0383	0.1753	-0.0237	0.0729	-0.1327	-0.1635	-0.0454	-0.0995
	(267)	(267)	(275)	(268)	(268)	(183)	(165)	(186)	(242)	(238)
	S=0.020	S=0.011	S=0.264	S=0.002	S=0.349	S=0.164	S=0.045	S=0.013	S=0.241	S=0.063
EXTPUN	0.0276	0.0168	0.0222	-0.0104	-0.0023	0.0650	-0.0489	-0.0345	0.0394	-0.0192
	(259)	(259)	(266)	(266)	(266)	(178)	(159)	(181)	(233)	(230)
	S=0.329	S=0.394	S=0.359	S=0.433	S=0.485	S=0.195	S=0.270	S=0.323	S=0.275	S=0.386

(COEFFICIENT / (CASES) / SIGNIFICANCE) (A VALUE OF 99.0000 IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED)

- - - - - - - - - - - - - PEARSON CORRELATION COEFFICIENTS - - - - - - - - - - - - -

	TURN	YIELD	INSPI	INSPM	PROPELD	SEC8	NSEC8	FIEPTUM	TIME1	TIME2
LUC	0.1815 (190) S=0.006	0.1827 (293) S=0.001	0.1944 (141) S=0.011	0.0623 (128) S=0.242	0.1111 (233) S=0.045	-0.0321 (153) S=0.347	-0.1101 (311) S=0.026	0.1217 (192) S=0.047	0.0566 (247) S=0.188	0.0671 (247) S=0.147
LUC1	0.1655 (190) S=0.011	0.1631 (293) S=0.003	0.2255 (141) S=0.004	0.0747 (128) S=0.201	0.0777 (233) S=0.119	0.0239 (153) S=0.385	-0.1099 (311) S=0.026	0.1456 (192) S=0.022	0.1095 (247) S=0.043	0.1215 (247) S=0.028
VAR89	0.0515 (194) S=0.238	-0.0062 (199) S=0.466	0.0644 (144) S=0.222	-0.0282 (131) S=0.375	-0.0148 (234) S=0.411	0.1726 (155) S=0.016	0.0773 (205) S=0.135	-0.1670 (195) S=0.004	0.0250 (163) S=0.376	-0.0416 (163) S=0.299
SIZE1	-0.0446 (189) S=0.271	0.1093 (199) S=0.062	0.0471 (140) S=0.290	0.0760 (126) S=0.199	0.1244 (235) S=0.028	-0.3696 (153) S=0.001	-0.0325 (205) S=0.322	0.3813 (190) S=0.001	0.1825 (162) S=0.010	0.1289 (162) S=0.051
SIZE2	0.0115 (189) S=0.438	-0.0210 (199) S=0.384	0.0785 (140) S=0.178	-0.0176 (126) S=0.423	-0.0013 (235) S=0.492	0.0641 (153) S=0.215	0.0630 (205) S=0.185	-0.0689 (190) S=0.173	0.0996 (162) S=0.104	-0.0087 (162) S=0.456
VAR175	0.0289 (176) S=0.352	-0.1001 (268) S=0.051	0.1567 (129) S=0.038	-0.0597 (114) S=0.264	-0.1918 (160) S=0.008	0.2041 (141) S=0.008	-0.0286 (279) S=0.317	0.0813 (173) S=0.144	-0.0781 (220) S=0.124	0.0144 (220) S=0.416
INC	-0.0927 (122) S=0.155	-0.2109 (196) S=0.002	-0.2243 (90) S=0.017	-0.1141 (80) S=0.157	0.0005 (145) S=0.498	-0.0421 (99) S=0.340	0.2874 (206) S=0.001	-0.3343 (119) S=0.001	-0.0408 (170) S=0.299	-0.1311 (170) S=0.044
WAGE	-0.1203 (132) S=0.085	-0.1511 (211) S=0.014	-0.2092 (103) S=0.017	-0.1101 (92) S=0.148	0.0483 (170) S=0.266	-0.0251 (112) S=0.396	0.2253 (227) S=0.001	-0.2420 (133) S=0.003	-0.1105 (183) S=0.068	-0.1581 (183) S=0.016
CETA	-0.0202 (174) S=0.396	-0.1018 (271) S=0.047	-0.1975 (128) S=0.013	-0.2121 (115) S=0.011	-0.0490 (206) S=0.242	-0.1157 (139) S=0.088	0.1137 (286) S=0.027	-0.0384 (173) S=0.308	-0.0068 (226) S=0.460	-0.0491 (226) S=0.232
VAR16	-0.1646 (168) S=0.016	-0.1508 (178) S=0.022	-0.2802 (119) S=0.001	-0.1526 (111) S=0.055	0.0869 (232) S=0.094	-0.1301 (136) S=0.066	0.1167 (183) S=0.058	-0.0664 (170) S=0.195	-0.1078 (144) S=0.099	-0.0652 (144) S=0.219
TURN	1.0000 (0) S=0.001	0.1429 (192) S=0.024	0.3393 (140) S=0.001	0.1345 (128) S=0.065	-0.0568 (166) S=0.233	0.1292 (146) S=0.060	0.0002 (193) S=0.499	0.2068 (184) S=0.002	-0.0429 (151) S=0.300	-0.1017 (151) S=0.107

(COEFFICIENT / (CASES) / SIGNIFICANCE) (A VALUE OF 99.0000 IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED)

- - - - - - - - - - - - PEARSON CORRELATION COEFFICIENTS - - - - - - - - - - - -

	TURN	YIELD	INSPI	INSPM	PROPELD	SEC8	NSEC8	FTEPTUM	TIME1	TIME2
YIELD	0.1429 (192) S=0.024	1.0000 (0) S=0.001	0.1377 (140) S=0.053	0.1334 (128) S=0.067	0.0225 (176) S=0.383	0.0623 (151) S=0.224	-0.0386 (301) S=0.252	-0.0692 (188) S=0.173	-0.0058 (241) S=0.465	0.0561 (241) S=0.193
INSPI	0.3393 (140) S=0.001	0.1377 (140) S=0.053	1.0000 (0) S=0.001	0.0578 (100) S=0.284	-0.1580 (122) S=0.041	0.1458 (109) S=0.065	-0.1199 (142) S=0.078	0.3716 (132) S=0.001	-0.1441 (110) S=0.066	-0.0852 (110) S=0.188
INSPM	0.1345 (128) S=0.065	0.1334 (128) S=0.067	0.0578 (100) S=0.284	1.0000 (0) S=0.001	0.1015 (114) S=0.141	0.0243 (97) S=0.406	0.0443 (130) S=0.308	0.0946 (123) S=0.149	-0.1186 (100) S=0.120	-0.2410 (100) S=0.008
PROPELD	-0.0568 (166) S=0.233	0.0225 (176) S=0.383	-0.1580 (122) S=0.041	0.1015 (114) S=0.141	1.0000 (0) S=0.001	-0.0200 (134) S=0.409	0.1029 (181) S=0.084	-0.0327 (167) S=0.338	0.0512 (144) S=0.271	0.0798 (144) S=0.171
SEC8	0.1292 (146) S=0.060	0.0623 (151) S=0.224	0.1458 (109) S=0.065	0.0243 (97) S=0.406	-0.0200 (134) S=0.409	1.0000 (0) S=0.001	-0.1917 (155) S=0.008	-0.1544 (144) S=0.032	-0.0533 (118) S=0.283	0.1660 (118) S=0.036
NSEC8	0.0002 (193) S=0.499	-0.0386 (301) S=0.252	-0.1199 (142) S=0.078	0.0443 (130) S=0.308	0.1029 (181) S=0.084	-0.1917 (155) S=0.008	1.0000 (0) S=0.001	-0.0509 (194) S=0.241	0.0524 (253) S=0.203	-0.0413 (253) S=0.257
FTEPTUM	0.2068 (184) S=0.002	-0.0692 (188) S=0.173	0.3716 (132) S=0.001	0.0946 (123) S=0.149	-0.0327 (167) S=0.338	-0.1544 (144) S=0.032	-0.0509 (194) S=0.241	1.0000 (0) S=0.001	0.0220 (156) S=0.392	0.0925 (156) S=0.125
TIME1	-0.0429 (151) S=0.300	-0.0058 (241) S=0.465	-0.1441 (110) S=0.066	-0.1186 (100) S=0.120	0.0512 (144) S=0.271	-0.0533 (118) S=0.283	0.0524 (253) S=0.203	0.0220 (156) S=0.392	1.0000 (0) S=0.001	0.4432 (253) S=0.001
TIME2	-0.1017 (151) S=0.107	0.0561 (241) S=0.193	-0.0852 (110) S=0.188	-0.2410 (100) S=0.008	0.0798 (144) S=0.171	0.1660 (118) S=0.036	-0.0413 (253) S=0.257	0.0925 (156) S=0.125	0.4432 (253) S=0.001	1.0000 (0) S=0.001
TIME3	-0.0491 (151) S=0.275	0.0345 (241) S=0.297	0.1839 (110) S=0.027	-0.0729 (100) S=0.236	-0.0931 (144) S=0.133	0.0281 (118) S=0.381	-0.0655 (253) S=0.150	0.0354 (156) S=0.330	-0.2029 (253) S=0.001	-0.1798 (253) S=0.002
TIME4	0.0563 (151) S=0.246	0.0338 (241) S=0.301	-0.0762 (110) S=0.214	-0.0692 (100) S=0.247	-0.0058 (144) S=0.473	-0.1910 (118) S=0.019	-0.0252 (253) S=0.345	0.1316 (156) S=0.051	-0.1584 (253) S=0.006	-0.1369 (253) S=0.015

(COEFFICIENT / (CASES) / SIGNIFICANCE) (A VALUE OF 99.0000 IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED)

- - - - - - - - - - - - - P E A R S O N C O R R E L A T I O N C O E F F I C I E N T S - - - - - - - - - - - -

	TURN	YIELD	INSPI	INSPM	PROPELD	SEC8	NSEC8	FTEPTUM	TIME1	TIME2
TIME5	-0.0205	0.0484	0.0081	0.1169	-0.0812	-0.0155	0.0109	-0.0352	-0.1513	-0.1925
	(151)	(241)	(110)	(100)	(144)	(118)	(253)	(156)	(253)	(253)
	S=0.401	S=0.227	S=0.466	S=0.124	S=0.166	S=0.434	S=0.431	S=0.331	S=0.008	S=0.001
TIME6	0.1026	0.0016	-0.0563	0.2482	-0.0003	0.0196	0.1605	-0.0902	-0.3458	-0.3788
	(151)	(241)	(110)	(100)	(144)	(118)	(253)	(156)	(253)	(253)
	S=0.105	S=0.490	S=0.279	S=0.006	S=0.499	S=0.417	S=0.005	S=0.131	S=0.001	S=0.001
TIME7	0.1193	-0.0843	-0.0063	0.1376	0.0069	0.0441	0.0659	-0.0382	-0.0631	-0.1500
	(151)	(241)	(110)	(100)	(144)	(118)	(253)	(156)	(253)	(253)
	S=0.072	S=0.096	S=0.474	S=0.087	S=0.467	S=0.318	S=0.148	S=0.318	S=0.159	S=0.009
TIME8	-0.0515	-0.0950	0.0469	-0.0065	0.0899	-0.0294	-0.1425	-0.0802	-0.1563	-0.1155
	(151)	(241)	(110)	(100)	(144)	(118)	(253)	(156)	(253)	(253)
	S=0.265	S=0.071	S=0.313	S=0.474	S=0.142	S=0.376	S=0.012	S=0.159	S=0.006	S=0.033
TIMES1	0.0361	-0.0750	0.4425	-0.1850	-0.2200	0.0562	-0.0164	0.1964	-0.2179	0.0003
	(72)	(72)	(75)	(75)	(67)	(53)	(75)	(70)	(75)	(75)
	S=0.382	S=0.266	S=0.001	S=0.056	S=0.036	S=0.344	S=0.445	S=0.051	S=0.030	S=0.499
TIMESM	0.0152	-0.0915	-0.2262	0.3425	-0.0600	0.1293	-0.0495	0.1780	-0.1702	-0.0771
	(72)	(72)	(75)	(75)	(67)	(53)	(75)	(70)	(75)	(75)
	S=0.449	S=0.223	S=0.026	S=0.001	S=0.314	S=0.177	S=0.337	S=0.070	S=0.073	S=0.256
FTEPTUM1	0.1104	-0.0161	0.1988	-0.1712	-0.1158	-0.0958	-0.1058	0.7172	0.4879	0.2998
	(146)	(149)	(104)	(95)	(134)	(112)	(156)	(156)	(156)	(156)
	S=0.092	S=0.413	S=0.022	S=0.048	S=0.091	S=0.158	S=0.094	S=0.001	S=0.001	S=0.001
FTEPTUM2	0.0701	0.0086	0.1671	-0.2489	-0.1177	-0.0065	-0.0591	0.7319	0.2853	0.5970
	(146)	(149)	(104)	(95)	(134)	(112)	(156)	(156)	(156)	(156)
	S=0.200	S=0.459	S=0.045	S=0.007	S=0.087	S=0.473	S=0.231	S=0.001	S=0.001	S=0.001
FTEPTUM3	0.1491	-0.0439	0.3564	0.0577	-0.0053	-0.1248	-0.0056	0.8295	-0.1582	-0.0749
	(146)	(149)	(104)	(95)	(134)	(112)	(156)	(156)	(156)	(156)
	S=0.036	S=0.297	S=0.001	S=0.289	S=0.476	S=0.095	S=0.472	S=0.001	S=0.024	S=0.176
FTEPTUM4	0.2579	-0.0515	0.2476	-0.0108	-0.1267	-0.1776	0.0006	0.8690	-0.0184	0.0232
	(146)	(149)	(104)	(95)	(134)	(112)	(156)	(156)	(156)	(156)
	S=0.001	S=0.266	S=0.006	S=0.459	S=0.072	S=0.031	S=0.497	S=0.001	S=0.410	S=0.387
FTEPTUM5	0.1304	-0.0390	0.3036	0.1169	-0.0586	-0.1941	-0.0544	0.8837	-0.0293	0.0054
	(146)	(149)	(104)	(95)	(134)	(112)	(156)	(156)	(156)	(156)
	S=0.059	S=0.318	S=0.001	S=0.129	S=0.250	S=0.020	S=0.250	S=0.001	S=0.358	S=0.473

(COEFFICIENT / (CASES) / SIGNIFICANCE) (A VALUE OF 99.0000 IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED)

- - - - - - - - - - - - - PEARSON CORRELATION COEFFICIENTS - - - - - - - - - - - - -

	TURN	YIELD	INSPI	INSPM	PROPELD	SEC8	NSEC8	FTEPTUM	TIME1	TIME2
FTEPTUM6	0.1051	-0.0351	0.1746	0.2431	0.0848	-0.1751	0.0714	0.7676	-0.1294	-0.1041
	(146)	(149)	(104)	(95)	(134)	(112)	(156)	(156)	(156)	(156)
	S=0.104	S=0.335	S=0.038	S=0.009	S=0.165	S=0.033	S=0.188	S=0.001	S=0.054	S=0.098
FTEPTUM7	0.1963	-0.0631	0.2728	-0.0758	-0.0301	-0.1034	-0.0629	0.6852	0.0008	0.0168
	(146)	(149)	(104)	(95)	(134)	(112)	(156)	(156)	(156)	(156)
	S=0.008	S=0.222	S=0.003	S=0.232	S=0.365	S=0.139	S=0.217	S=0.001	S=0.496	S=0.418
FTEPTUM8	-0.0604	-0.0699	0.0780	-0.0858	0.0635	-0.0047	-0.2240	0.0609	0.0085	0.0459
	(146)	(149)	(104)	(95)	(134)	(112)	(156)	(156)	(156)	(156)
	S=0.235	S=0.198	S=0.216	S=0.204	S=0.233	S=0.481	S=0.002	S=0.225	S=0.458	S=0.284
FTETUMSI	-0.0519	0.0893	0.4148	0.1558	-0.1051	0.0289	-0.1628	0.7464	-0.1847	-0.0637
	(69)	(67)	(70)	(70)	(63)	(49)	(70)	(70)	(70)	(70)
	S=0.336	S=0.236	S=0.001	S=0.098	S=0.206	S=0.422	S=0.089	S=0.001	S=0.062	S=0.300
FTETUMSM	-0.0841	0.0438	0.0799	0.3969	-0.0848	0.0402	-0.1155	0.7837	-0.1518	-0.1031
	(69)	(67)	(70)	(70)	(63)	(49)	(70)	(70)	(70)	(70)
	S=0.246	S=0.362	S=0.255	S=0.001	S=0.254	S=0.392	S=0.170	S=0.001	S=0.104	S=0.197
LIP	-0.0943	0.1119	0.0172	0.0290	0.1701	0.1057	-0.1649	0.1404	0.1695	0.1400
	(190)	(294)	(138)	(126)	(174)	(149)	(298)	(185)	(241)	(241)
	S=0.098	S=0.028	S=0.421	S=0.373	S=0.012	S=0.100	S=0.002	S=0.028	S=0.004	S=0.015
NETINT	0.0775	0.1691	0.3693	-0.1005	-0.0083	-0.0865	0.0151	0.4905	0.0661	0.1341
	(194)	(198)	(141)	(130)	(170)	(153)	(199)	(189)	(156)	(156)
	S=0.141	S=0.009	S=0.001	S=0.128	S=0.457	S=0.144	S=0.416	S=0.001	S=0.206	S=0.047
TOTINT	0.4520	0.1439	0.5493	-0.0392	0.0064	-0.1017	0.0446	0.6054	0.0430	0.0816
	(194)	(197)	(141)	(129)	(170)	(152)	(198)	(188)	(155)	(155)
	S=0.001	S=0.022	S=0.001	S=0.330	S=0.467	S=0.107	S=0.266	S=0.001	S=0.297	S=0.156
FEEPUM	0.1555	0.0430	0.2254	-0.0440	-0.0276	-0.0137	-0.2065	0.4524	0.0839	0.2689
	(193)	(199)	(142)	(130)	(231)	(154)	(204)	(194)	(162)	(162)
	S=0.015	S=0.273	S=0.003	S=0.310	S=0.338	S=0.433	S=0.002	S=0.001	S=0.144	S=0.001
PREPUM	0.2249	0.0599	0.2800	0.0060	-0.0100	-0.0398	-0.1984	0.4767	0.1043	0.2019
	(194)	(199)	(144)	(131)	(233)	(155)	(205)	(195)	(163)	(163)
	S=0.001	S=0.200	S=0.001	S=0.473	S=0.440	S=0.311	S=0.002	S=0.001	S=0.093	S=0.005
ADAPUM	-0.2115	-0.0497	-0.1773	-0.0689	-0.0562	0.0551	-0.0025	-0.0679	-0.0426	0.1388
	(193)	(199)	(142)	(130)	(231)	(154)	(204)	(194)	(162)	(162)
	S=0.002	S=0.243	S=0.017	S=0.218	S=0.198	S=0.248	S=0.486	S=0.173	S=0.295	S=0.039

(COEFFICIENT / (CASES) / SIGNIFICANCE) (A VALUE OF 99.0000 IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED)

- - - - - - - - - - - - PEARSON CORRELATION COEFFICIENTS - - - - - - - - - - - -

	TURN	YIELD	INSPI	INSPM	PROPELD	SECB	NSECB	FTEPTUN	TIME1	TIME2
PCTPRE	0.3538	0.0191	0.2471	-0.0597	0.0199	-0.0231	-0.0977	0.3114	0.0715	0.1288
	(193)	(200)	(142)	(130)	(233)	(154)	(205)	(194)	(162)	(162)
	S=0.001	S=0.394	S=0.001	S=0.250	S=0.381	S=0.388	S=0.081	S=0.001	S=0.183	S=0.051
EXTPUN	0.3387	-0.0237	0.2025	0.1135	0.1607	-0.0620	-0.1048	0.1235	-0.0396	-0.2195
	(186)	(192)	(137)	(124)	(226)	(152)	(197)	(188)	(156)	(156)
	S=0.001	S=0.372	S=0.009	S=0.104	S=0.008	S=0.224	S=0.071	S=0.046	S=0.312	S=0.003

(COEFFICIENT / (CASES) / SIGNIFICANCE) (A VALUE OF 99.0000 IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED)

- - - - - - - - - - - - - PEARSON CORRELATION COEFFICIENTS - - - - - - - - - - - -

	TIME3	TIME4	TIME5	TIME6	TIME7	TIME8	TIMESI	TIMESM	FTEPTUM1	FTEPTUM2
LOC	0.1154	0.0670	-0.0991	-0.1653	-0.0413	-0.0126	0.1138	-0.0718	0.0485	0.0316
	(247)	(247)	(247)	(247)	(247)	(247)	(73)	(73)	(154)	(154)
	S=0.035	S=0.147	S=0.060	S=0.005	S=0.259	S=0.422	S=0.169	S=0.273	S=0.275	S=0.349
LOC1	0.1037	0.0965	-0.0910	-0.2388	-0.0573	-0.0174	0.0850	-0.1541	0.0713	0.0847
	(247)	(247)	(247)	(247)	(247)	(247)	(73)	(73)	(154)	(154)
	S=0.052	S=0.065	S=0.077	S=0.001	S=0.185	S=0.393	S=0.237	S=0.096	S=0.189	S=0.148
VAR89	-0.0809	-0.0701	0.0367	0.0613	0.0480	0.0472	-0.1025	-0.0789	-0.1839	-0.1907
	(163)	(163)	(163)	(163)	(163)	(163)	(75)	(75)	(156)	(156)
	S=0.153	S=0.187	S=0.321	S=0.219	S=0.272	S=0.275	S=0.191	S=0.251	S=0.011	S=0.008
SIZE1	-0.1219	0.0100	-0.0473	-0.1024	0.0399	0.0461	0.0356	-0.0800	0.3921	0.3906
	(162)	(162)	(162)	(162)	(162)	(162)	(72)	(72)	(152)	(152)
	S=0.061	S=0.450	S=0.275	S=0.097	S=0.307	S=0.280	S=0.383	S=0.252	S=0.001	S=0.001
SIZE2	-0.0974	-0.0454	0.0259	0.0128	0.0475	0.0353	-0.1287	-0.1501	-0.0628	-0.0684
	(162)	(162)	(162)	(162)	(162)	(162)	(72)	(72)	(152)	(152)
	S=0.109	S=0.283	S=0.372	S=0.436	S=0.274	S=0.328	S=0.141	S=0.104	S=0.221	S=0.201
VAR175	0.1850	-0.0822	-0.0399	-0.0109	-0.0373	-0.0552	0.2377	0.1300	0.0654	0.0860
	(220)	(220)	(220)	(220)	(220)	(220)	(66)	(66)	(138)	(138)
	S=0.003	S=0.112	S=0.278	S=0.436	S=0.291	S=0.208	S=0.027	S=0.149	S=0.223	S=0.158
INC	-0.1505	-0.0913	0.0376	0.2803	0.0471	0.0360	-0.0198	-0.0145	-0.2832	-0.3930
	(170)	(170)	(170)	(170)	(170)	(170)	(51)	(51)	(101)	(101)
	S=0.025	S=0.118	S=0.313	S=0.001	S=0.271	S=0.320	S=0.445	S=0.460	S=0.002	S=0.001
WAGE	-0.0764	-0.0192	-0.0611	0.1862	0.2673	0.0040	-0.2099	-0.1731	-0.2334	-0.2045
	(183)	(183)	(183)	(183)	(183)	(183)	(55)	(55)	(109)	(109)
	S=0.152	S=0.398	S=0.206	S=0.006	S=0.001	S=0.479	S=0.063	S=0.104	S=0.007	S=0.016
CETA	-0.1375	0.0247	0.0266	0.1022	0.1167	-0.0049	-0.2468	-0.1074	0.0585	0.0314
	(226)	(226)	(226)	(226)	(226)	(226)	(67)	(67)	(139)	(139)
	S=0.020	S=0.356	S=0.346	S=0.063	S=0.040	S=0.471	S=0.022	S=0.193	S=0.247	S=0.357
VAR16	-0.2051	0.1986	0.0277	0.1529	0.0667	0.0174	-0.0479	0.1764	0.0150	0.0013
	(144)	(144)	(144)	(144)	(144)	(144)	(59)	(59)	(135)	(135)
	S=0.007	S=0.009	S=0.371	S=0.034	S=0.214	S=0.418	S=0.359	S=0.090	S=0.432	S=0.494
TURN	-0.0491	0.0563	-0.0205	0.1026	0.1193	-0.0515	0.0361	0.0152	0.1104	0.0701
	(151)	(151)	(151)	(151)	(151)	(151)	(72)	(72)	(146)	(146)
	S=0.275	S=0.246	S=0.401	S=0.105	S=0.072	S=0.265	S=0.382	S=0.449	S=0.092	S=0.200

(COEFFICIENT / (CASES) / SIGNIFICANCE) (A VALUE OF 99.0000 IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED)

- - - - - - - - - - - - P E A R S O N C O R R E L A T I O N C O E F F I C I E N T S - - - - - - - - - - - -

	TIME3	TIME4	TIME5	TIME6	TIME7	TIME8	TIME5I	TIME5M	FTEPTUM1	FTEPTUM2
YIELD	0.0345 (241) S=0.297	0.0338 (241) S=0.301	0.0484 (241) S=0.227	0.0016 (241) S=0.490	-0.0843 (241) S=0.096	-0.0950 (241) S=0.071	-0.0750 (72) S=0.266	-0.0915 (72) S=0.223	-0.0181 (149) S=0.413	0.0086 (149) S=0.459
INSPI	0.1839 (110) S=0.027	-0.0762 (110) S=0.214	0.0081 (110) S=0.466	-0.0563 (110) S=0.279	-0.0063 (110) S=0.474	0.0469 (110) S=0.313	0.4425 (75) S=0.001	-0.2262 (75) S=0.026	0.1988 (104) S=0.022	0.1671 (104) S=0.045
INSPM	-0.0729 (100) S=0.236	-0.0692 (100) S=0.247	0.1169 (100) S=0.124	0.2482 (100) S=0.006	0.1376 (100) S=0.087	-0.0065 (100) S=0.474	-0.1850 (75) S=0.056	0.3425 (75) S=0.001	-0.1712 (95) S=0.048	-0.2489 (95) S=0.007
PROPELD	-0.0931 (144) S=0.133	-0.0058 (144) S=0.473	-0.0812 (144) S=0.166	-0.0003 (144) S=0.499	0.0069 (144) S=0.467	0.0899 (144) S=0.142	-0.2200 (67) S=0.036	-0.0600 (67) S=0.314	-0.1158 (134) S=0.091	-0.1177 (134) S=0.087
SECB	0.0281 (118) S=0.381	-0.1910 (118) S=0.019	-0.0155 (118) S=0.434	0.0196 (118) S=0.417	0.0441 (118) S=0.318	-0.0294 (118) S=0.376	0.0562 (53) S=0.344	0.1293 (53) S=0.177	-0.0958 (112) S=0.158	-0.0065 (112) S=0.473
NSECB	-0.0655 (253) S=0.150	-0.0252 (253) S=0.345	0.0109 (253) S=0.431	0.1605 (253) S=0.005	0.0659 (253) S=0.148	-0.1425 (253) S=0.012	-0.0164 (75) S=0.445	-0.0495 (75) S=0.337	-0.1058 (156) S=0.094	-0.0591 (156) S=0.231
FTEPTUM	0.0354 (156) S=0.330	0.1316 (156) S=0.051	-0.0352 (156) S=0.331	-0.0902 (156) S=0.131	-0.0382 (156) S=0.318	-0.0802 (156) S=0.159	0.1964 (70) S=0.051	0.1780 (70) S=0.070	0.7172 (156) S=0.001	0.7319 (156) S=0.001
TIME1	-0.2029 (253) S=0.001	-0.1584 (253) S=0.006	-0.1513 (253) S=0.008	-0.3458 (253) S=0.001	-0.0631 (253) S=0.159	-0.1563 (253) S=0.006	-0.2179 (75) S=0.030	-0.1702 (75) S=0.073	0.4879 (156) S=0.001	0.2853 (156) S=0.001
TIME2	-0.1798 (253) S=0.002	-0.1369 (253) S=0.015	-0.1925 (253) S=0.001	-0.3788 (253) S=0.001	-0.1500 (253) S=0.009	-0.1155 (253) S=0.033	0.0003 (75) S=0.499	-0.0771 (75) S=0.256	0.2998 (156) S=0.001	0.5970 (156) S=0.001
TIME3	1.0000 (0) S=0.001	-0.1782 (253) S=0.002	-0.2388 (253) S=0.001	-0.2693 (253) S=0.001	-0.2832 (253) S=0.001	-0.2270 (253) S=0.001	-0.1765 (75) S=0.065	-0.3405 (75) S=0.001	-0.1509 (156) S=0.030	-0.1403 (156) S=0.040
TIME4	-0.1782 (253) S=0.002	1.0000 (0) S=0.001	-0.0051 (253) S=0.468	-0.1258 (253) S=0.023	-0.1365 (253) S=0.015	-0.0740 (253) S=0.121	0.0755 (75) S=0.260	0.0620 (75) S=0.299	0.0449 (156) S=0.288	0.0222 (156) S=0.392

(COEFFICIENT / (CASES) / SIGNIFICANCE) (A VALUE OF 99.0000 IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED)

- - - - - - - - - - - - - PEARSON CORRELATION COEFFICIENTS - - - - - - - - - - - -

	TIME3	TIME4	TIME5	TIME6	TIME7	TIME8	TIME51	TIME5M	FTEPTUM1	FTEPTUM2
TIME5	-0.2388 (253) S=0.001	-0.0051 (253) S=0.468	1.0000 (0) S=0.001	0.0372 (253) S=0.278	-0.1170 (253) S=0.032	-0.1889 (253) S=0.001	0.8528 (75) S=0.001	0.8781 (75) S=0.001	-0.0725 (156) S=0.184	-0.1134 (156) S=0.079
TIME6	-0.2693 (253) S=0.001	-0.1258 (253) S=0.023	0.0372 (253) S=0.278	1.0000 (0) S=0.001	0.0312 (253) S=0.311	-0.1257 (253) S=0.023	0.0047 (75) S=0.484	0.1307 (75) S=0.132	-0.2048 (156) S=0.005	-0.2633 (156) S=0.001
TIME7	-0.2832 (253) S=0.001	-0.1365 (253) S=0.015	-0.1170 (253) S=0.032	0.0312 (253) S=0.311	1.0000 (0) S=0.001	-0.0670 (253) S=0.144	-0.0975 (75) S=0.203	-0.1197 (75) S=0.154	-0.0389 (156) S=0.314	-0.0733 (156) S=0.181
TIME8	-0.2270 (253) S=0.001	-0.0740 (253) S=0.121	-0.1889 (253) S=0.001	-0.1257 (253) S=0.023	-0.0670 (253) S=0.144	1.0000 (0) S=0.001	-0.2341 (75) S=0.022	-0.0920 (75) S=0.217	-0.0579 (156) S=0.236	-0.0553 (156) S=0.246
TIME51	-0.1765 (75) S=0.065	0.0755 (75) S=0.260	0.8528 (75) S=0.001	0.0047 (75) S=0.484	-0.0975 (75) S=0.203	-0.2341 (75) S=0.022	1.0000 (0) S=0.001	0.4989 (75) S=0.001	0.1075 (70) S=0.187	0.1662 (70) S=0.084
TIME5M	-0.3405 (75) S=0.001	0.0620 (75) S=0.299	0.8781 (75) S=0.001	0.1307 (75) S=0.132	-0.1197 (75) S=0.154	-0.0920 (75) S=0.217	0.4989 (75) S=0.001	1.0000 (0) S=0.001	0.1406 (70) S=0.122	0.0793 (70) S=0.257
FTEPTUM1	-0.1509 (156) S=0.030	0.0449 (156) S=0.288	-0.0725 (156) S=0.184	-0.2048 (156) S=0.005	-0.0389 (156) S=0.314	-0.0579 (156) S=0.236	0.1075 (70) S=0.187	0.1406 (70) S=0.122	1.0000 (0) S=0.001	0.8236 (156) S=0.001
FTEPTUM2	-0.1403 (156) S=0.040	0.0222 (156) S=0.392	-0.1134 (156) S=0.079	-0.2633 (156) S=0.001	-0.0733 (156) S=0.181	-0.0553 (156) S=0.246	0.1662 (70) S=0.084	0.0793 (70) S=0.257	0.8236 (156) S=0.001	1.0000 (0) S=0.001
FTEPTUM3	0.4636 (156) S=0.001	0.0304 (156) S=0.353	-0.1223 (156) S=0.064	-0.1293 (156) S=0.054	-0.1553 (156) S=0.026	-0.1518 (156) S=0.029	-0.0694 (70) S=0.284	-0.1615 (70) S=0.090	0.3833 (156) S=0.001	0.4368 (156) S=0.001
FTEPTUM4	-0.0200 (156) S=0.402	0.4492 (156) S=0.001	-0.0158 (156) S=0.422	-0.1488 (156) S=0.032	-0.0367 (156) S=0.325	-0.1095 (156) S=0.087	0.2548 (70) S=0.016	0.3040 (70) S=0.005	0.5517 (156) S=0.001	0.5866 (156) S=0.001
FTEPTUM5	-0.0704 (156) S=0.191	0.1364 (156) S=0.045	0.3081 (156) S=0.001	-0.0276 (156) S=0.366	-0.0572 (156) S=0.239	-0.1531 (156) S=0.028	0.5449 (70) S=0.001	0.5313 (70) S=0.001	0.5834 (156) S=0.001	0.5579 (156) S=0.001

(COEFFICIENT) / (CASES) / SIGNIFICANCE) (A VALUE OF 99.0000 IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED)

- - - - - - - - - - - - - PEARSON CORRELATION COEFFICIENTS - - - - - - - - - - - - -

	TIME3	TIME4	TIME5	TIME6	TIME7	TIME8	TIME5I	TIME5M	FTEPTUM1	FTEPTUM2
FTEPTUM6	-0.0388	-0.0173	0.0267	0.3786	-0.0482	-0.1514	0.0930	0.1759	0.4114	0.3683
	(156)	(156)	(156)	(156)	(156)	(156)	(70)	(70)	(156)	(156)
	S=0.315	S=0.415	S=0.370	S=0.001	S=0.275	S=0.029	S=0.221	S=0.072	S=0.001	S=0.001
FTEPTUM7	-0.1633	0.0884	-0.0597	-0.0971	0.5074	-0.1033	0.2164	0.1327	0.4881	0.5012
	(156)	(156)	(156)	(156)	(156)	(156)	(70)	(70)	(156)	(156)
	S=0.021	S=0.136	S=0.229	S=0.114	S=0.001	S=0.100	S=0.036	S=0.136	S=0.001	S=0.001
FTEPTUM8	-0.2359	-0.1390	-0.2140	-0.2522	-0.0834	0.8741	-0.1869	-0.0808	0.1676	0.1574
	(156)	(156)	(156)	(156)	(156)	(156)	(70)	(70)	(156)	(156)
	S=0.001	S=0.042	S=0.004	S=0.001	S=0.150	S=0.001	S=0.060	S=0.253	S=0.018	S=0.025
FTETUM5I	-0.1287	0.0511	0.6096	-0.0272	-0.0228	-0.1236	0.6614	0.3955	0.5657	0.4811
	(70)	(70)	(70)	(70)	(70)	(70)	(70)	(70)	(70)	(70)
	S=0.144	S=0.337	S=0.001	S=0.411	S=0.426	S=0.154	S=0.001	S=0.001	S=0.001	S=0.001
FTETUM5M	-0.2151	0.1042	0.5923	0.0514	-0.0566	-0.0640	0.3964	0.6107	0.6707	0.4683
	(70)	(70)	(70)	(70)	(70)	(70)	(70)	(70)	(70)	(70)
	S=0.037	S=0.195	S=0.001	S=0.336	S=0.320	S=0.299	S=0.001	S=0.001	S=0.001	S=0.001
LIP	0.0370	0.0439	-0.0210	-0.1589	0.0033	-0.1484	-0.0010	-0.0474	0.1962	0.1686
	(241)	(241)	(241)	(241)	(241)	(241)	(74)	(74)	(149)	(149)
	S=0.284	S=0.249	S=0.373	S=0.007	S=0.479	S=0.011	S=0.496	S=0.344	S=0.008	S=0.020
NETINT	0.1227	0.0163	-0.1023	-0.1102	-0.0229	-0.1168	0.0169	-0.1236	0.5008	0.4343
	(156)	(156)	(156)	(156)	(156)	(156)	(73)	(73)	(150)	(150)
	S=0.063	S=0.420	S=0.102	S=0.085	S=0.388	S=0.073	S=0.444	S=0.148	S=0.001	S=0.001
TOTINT	0.1149	0.0320	-0.0848	-0.0451	-0.0223	-0.1383	0.0024	-0.1526	0.4507	0.4443
	(155)	(155)	(155)	(155)	(155)	(155)	(73)	(73)	(149)	(149)
	S=0.077	S=0.346	S=0.147	S=0.289	S=0.391	S=0.043	S=0.492	S=0.099	S=0.001	S=0.001
FEEPUM	0.0428	-0.0107	-0.1180	-0.0748	-0.1546	-0.0248	-0.0078	-0.1729	0.3830	0.4405
	(162)	(162)	(162)	(162)	(162)	(162)	(74)	(74)	(156)	(156)
	S=0.294	S=0.446	S=0.068	S=0.172	S=0.025	S=0.377	S=0.474	S=0.070	S=0.001	S=0.001
PREPUM	0.0257	0.0026	-0.1101	-0.0717	-0.1110	-0.0174	-0.1083	-0.1131	0.4283	0.4099
	(163)	(163)	(163)	(163)	(163)	(163)	(75)	(75)	(156)	(156)
	S=0.373	S=0.487	S=0.081	S=0.182	S=0.079	S=0.413	S=0.178	S=0.168	S=0.001	S=0.001
ADMPUM	0.0297	-0.0118	0.0013	-0.0032	-0.0981	-0.0294	0.1815	-0.0170	-0.0797	0.0736
	(162)	(162)	(162)	(162)	(162)	(162)	(74)	(74)	(156)	(156)
	S=0.354	S=0.441	S=0.494	S=0.484	S=0.107	S=0.355	S=0.061	S=0.443	S=0.161	S=0.181

(COEFFICIENT / (CASES) / SIGNIFICANCE) (A VALUE OF 99.0000 IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED)

- - - - - - - - - - - - - PEARSON CORRELATION COEFFICIENTS - - - - - - - - - - - - -

	TIME3	TIME4	TIME5	TIME6	TIME7	TIME8	TIME51	TIME5M	FTEPTUM1	FTEPTUM2
PCTPRE	-0.0506	0.0142	-0.0108	0.0182	-0.0364	-0.0732	-0.0898	-0.1031	0.3324	0.2949
	(162)	(162)	(162)	(162)	(162)	(162)	(74)	(74)	(156)	(156)
	S=0.261	S=0.429	S=0.446	S=0.409	S=0.323	S=0.177	S=0.223	S=0.191	S=0.001	S=0.001
EXTPUM	-0.0576	0.0545	-0.0034	0.0484	0.1573	0.0624	-0.0800	0.1562	0.0846	-0.0851
	(156)	(156)	(156)	(156)	(156)	(156)	(70)	(70)	(150)	(150)
	S=0.238	S=0.250	S=0.483	S=0.274	S=0.025	S=0.219	S=0.255	S=0.098	S=0.152	S=0.150

(COEFFICIENT / (CASES) / SIGNIFICANCE) (A VALUE OF 99.0000 IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED)

- - - - - - - - - - - - - PEARSON CORRELATION COEFFICIENTS - - - - - - - - - - - - -

	FTEPTUM3	FTEPTUM4	FTEPTUM5	FTEPTUM6	FTEPTUM7	FTEPTUM8	FTETUM5I	FTETUM5M	LIP	NETINT
LOC	0.1067	0.0996	0.0814	-0.0270	0.1535	-0.0093	0.0823	0.0014	0.1847	0.1721
	(154)	(154)	(154)	(154)	(154)	(154)	(69)	(69)	(291)	(197)
	S=0.094	S=0.109	S=0.158	S=0.370	S=0.029	S=0.454	S=0.251	S=0.495	S=0.001	S=0.008
LOC1	0.1397	0.1222	0.1197	0.0075	0.1422	0.0116	0.1037	0.0328	0.2047	0.1698
	(154)	(154)	(154)	(154)	(154)	(154)	(69)	(69)	(291)	(197)
	S=0.042	S=0.065	S=0.069	S=0.463	S=0.039	S=0.443	S=0.199	S=0.395	S=0.001	S=0.009
VAR89	-0.1631	-0.1477	-0.1701	-0.1261	-0.1416	-0.1263	-0.1475	-0.1230	-0.1876	-0.1462
	(156)	(156)	(156)	(156)	(156)	(156)	(70)	(70)	(196)	(200)
	S=0.021	S=0.033	S=0.017	S=0.058	S=0.039	S=0.058	S=0.111	S=0.155	S=0.004	S=0.019
SIZE1	0.2620	0.2712	0.3583	0.2626	0.3184	0.1134	0.3330	0.2320	0.2089	0.2333
	(152)	(152)	(152)	(152)	(152)	(152)	(67)	(67)	(196)	(195)
	S=0.001	S=0.001	S=0.001	S=0.001	S=0.001	S=0.082	S=0.003	S=0.029	S=0.002	S=0.001
SIZE2	-0.0650	-0.0529	-0.0523	-0.0503	-0.0388	-0.0414	-0.0501	-0.0556	-0.1250	-0.0853
	(152)	(152)	(152)	(152)	(152)	(152)	(67)	(67)	(196)	(195)
	S=0.213	S=0.259	S=0.261	S=0.269	S=0.318	S=0.306	S=0.343	S=0.327	S=0.041	S=0.118
VAR175	0.1731	0.0680	0.1027	0.0760	0.0637	-0.0585	0.2179	0.0943	-0.0596	0.0995
	(138)	(138)	(138)	(138)	(138)	(138)	(62)	(62)	(264)	(181)
	S=0.021	S=0.214	S=0.115	S=0.188	S=0.229	S=0.248	S=0.044	S=0.232	S=0.167	S=0.091
INC	-0.3225	-0.4112	-0.2449	-0.0241	-0.2594	-0.0925	-0.3589	-0.3220	-0.1860	-0.1324
	(101)	(101)	(101)	(101)	(101)	(101)	(48)	(48)	(196)	(126)
	S=0.001	S=0.001	S=0.007	S=0.405	S=0.004	S=0.178	S=0.006	S=0.013	S=0.005	S=0.070
WAGE	-0.1970	-0.0981	-0.3175	-0.1269	0.0605	-0.0758	-0.3421	-0.3134	-0.2059	-0.2294
	(109)	(109)	(109)	(109)	(109)	(109)	(51)	(51)	(211)	(137)
	S=0.020	S=0.155	S=0.001	S=0.094	S=0.266	S=0.216	S=0.007	S=0.013	S=0.001	S=0.004
CETA	-0.0947	0.0409	-0.0383	-0.0007	0.0773	0.0352	-0.3499	-0.2987	-0.1541	-0.1053
	(139)	(139)	(139)	(139)	(139)	(139)	(63)	(63)	(271)	(179)
	S=0.134	S=0.317	S=0.327	S=0.497	S=0.183	S=0.340	S=0.003	S=0.009	S=0.006	S=0.080
VAR16	-0.0834	0.0965	0.0051	0.0329	0.1172	-0.0006	-0.2436	-0.1111	-0.0974	-0.0656
	(135)	(135)	(135)	(135)	(135)	(135)	(56)	(56)	(178)	(173)
	S=0.168	S=0.133	S=0.476	S=0.352	S=0.088	S=0.497	S=0.035	S=0.207	S=0.098	S=0.195
TURN	0.1491	0.2579	0.1304	0.1051	0.1983	-0.0604	-0.0519	-0.0841	-0.0943	0.0775
	(146)	(146)	(146)	(146)	(146)	(146)	(69)	(69)	(190)	(194)
	S=0.036	S=0.001	S=0.059	S=0.104	S=0.008	S=0.235	S=0.336	S=0.246	S=0.098	S=0.141

(COEFFICIENT / (CASES) / SIGNIFICANCE) (A VALUE OF 99.0000 IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED)

- - - - - - - - - - - - P E A R S O N C O R R E L A T I O N C O E F F I C I E N T S - - - - - - - - - - - -

	FTEPTUM3	FTEPTUM4	FTEPTUM5	FTEPTUM6	FTEPTUM7	FTEPTUM8	FTETUM5I	FTETUM5M	LIP	NETINT
YIELD	-0.0439	-0.0515	-0.0390	-0.0351	-0.0631	-0.0699	0.0893	0.0438	0.1119	0.1691
	(149)	(149)	(149)	(149)	(149)	(149)	(67)	(67)	(294)	(198)
	S=0.297	S=0.266	S=0.318	S=0.335	S=0.222	S=0.198	S=0.236	S=0.362	S=0.028	S=0.009
INSPI	0.3564	0.2476	0.3036	0.1746	0.2728	0.0780	0.4148	0.0799	0.0172	0.3693
	(104)	(104)	(104)	(104)	(104)	(104)	(70)	(70)	(138)	(141)
	S=0.001	S=0.006	S=0.001	S=0.038	S=0.003	S=0.216	S=0.001	S=0.255	S=0.421	S=0.001
INSPM	0.0577	-0.0108	0.1169	0.2431	-0.0758	-0.0856	0.1558	0.3969	0.0290	-0.1005
	(95)	(95)	(95)	(95)	(95)	(95)	(70)	(70)	(126)	(130)
	S=0.289	S=0.459	S=0.129	S=0.009	S=0.232	S=0.204	S=0.098	S=0.001	S=0.373	S=0.128
PROPELD	-0.0053	-0.1267	-0.0586	0.0848	-0.0301	0.0635	-0.1051	-0.0848	0.1701	-0.0083
	(134)	(134)	(134)	(134)	(134)	(134)	(63)	(63)	(174)	(170)
	S=0.476	S=0.072	S=0.250	S=0.165	S=0.365	S=0.233	S=0.206	S=0.254	S=0.012	S=0.457
SECP	-0.1248	-0.1776	-0.1941	-0.1751	-0.1034	-0.0047	0.0289	0.0402	0.1057	-0.0865
	(112)	(112)	(112)	(112)	(112)	(112)	(49)	(49)	(149)	(153)
	S=0.095	S=0.031	S=0.020	S=0.033	S=0.139	S=0.481	S=0.422	S=0.392	S=0.100	S=0.144
NSECP	-0.0056	0.0006	-0.0544	0.0714	-0.0629	-0.2240	-0.1628	-0.1155	-0.1649	0.0151
	(156)	(156)	(156)	(156)	(156)	(156)	(70)	(70)	(298)	(199)
	S=0.472	S=0.497	S=0.250	S=0.188	S=0.217	S=0.002	S=0.089	S=0.170	S=0.002	S=0.416
FTEPTUM	0.8295	0.8690	0.8837	0.7676	0.6852	0.0609	0.7464	0.7837	0.1404	0.4905
	(156)	(156)	(156)	(156)	(156)	(156)	(70)	(70)	(185)	(189)
	S=0.001	S=0.001	S=0.001	S=0.001	S=0.001	S=0.225	S=0.001	S=0.001	S=0.028	S=0.001
TIME1	-0.1582	-0.0184	-0.0293	-0.1294	0.0008	0.0085	-0.1847	-0.1518	0.1695	0.0661
	(156)	(156)	(156)	(156)	(156)	(156)	(70)	(70)	(241)	(156)
	S=0.024	S=0.410	S=0.358	S=0.054	S=0.496	S=0.458	S=0.062	S=0.104	S=0.004	S=0.206
TIME2	-0.0749	0.0232	0.0054	-0.1041	0.0168	0.0459	-0.0637	-0.1031	0.1400	0.1341
	(156)	(156)	(156)	(156)	(156)	(156)	(70)	(70)	(241)	(156)
	S=0.176	S=0.387	S=0.473	S=0.098	S=0.418	S=0.284	S=0.300	S=0.197	S=0.015	S=0.047
TIME3	0.4636	-0.0200	-0.0704	-0.0388	-0.1633	-0.2359	-0.1287	-0.2151	0.0370	0.1227
	(156)	(156)	(156)	(156)	(156)	(156)	(70)	(70)	(241)	(156)
	S=0.001	S=0.402	S=0.191	S=0.315	S=0.021	S=0.001	S=0.144	S=0.037	S=0.284	S=0.063
TIME4	0.0304	0.4492	0.1364	-0.0173	0.0884	-0.1390	0.0511	0.1042	0.0439	0.0163
	(156)	(156)	(156)	(156)	(156)	(156)	(70)	(70)	(241)	(156)
	S=0.353	S=0.001	S=0.045	S=0.415	S=0.136	S=0.042	S=0.337	S=0.195	S=0.249	S=0.420

(COEFFICIENT / (CASES) / SIGNIFICANCE) (A VALUE OF 99.0000 IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED)

- - - - - - - - - - - - P E A R S O N C O R R E L A T I O N C O E F F I C I E N T S - - - - - - - - - - - -

	FTEPTUM3	FTEPTUM4	FTEPTUM5	FTEPTUM6	FTEPTUM7	FTEPTUM8	FTETUM5I	FTETUM5M	LIP	NETINT
TIME5	-0.1223	-0.0158	0.3081	0.0267	-0.0597	-0.2140	0.6096	0.5923	-0.0210	-0.1023
	(156)	(156)	(156)	(156)	(156)	(156)	(70)	(70)	(241)	(156)
	S=0.064	S=0.422	S=0.001	S=0.370	S=0.229	S=0.004	S=0.001	S=0.001	S=0.373	S=0.102
TIME6	-0.1293	-0.1488	-0.0276	0.3786	-0.0971	-0.2522	-0.0272	0.0514	-0.1589	-0.1102
	(156)	(156)	(156)	(156)	(156)	(156)	(70)	(70)	(241)	(156)
	S=0.054	S=0.032	S=0.366	S=0.001	S=0.114	S=0.001	S=0.411	S=0.336	S=0.007	S=0.085
TIME7	-0.1553	-0.0367	-0.0572	-0.0482	0.5074	-0.0834	-0.0228	-0.0566	0.0033	-0.0229
	(156)	(156)	(156)	(156)	(156)	(156)	(70)	(70)	(241)	(156)
	S=0.026	S=0.325	S=0.239	S=0.275	S=0.001	S=0.150	S=0.426	S=0.320	S=0.479	S=0.388
TIME8	-0.1518	-0.1095	-0.1531	-0.1514	-0.1033	0.8741	-0.1236	-0.0640	-0.1484	-0.1168
	(156)	(156)	(156)	(156)	(156)	(156)	(70)	(70)	(241)	(156)
	S=0.029	S=0.087	S=0.028	S=0.029	S=0.100	S=0.001	S=0.154	S=0.299	S=0.011	S=0.073
TIME5I	-0.0694	0.2548	0.5449	0.0930	0.2164	-0.1869	0.6614	0.3964	-0.0010	0.0169
	(70)	(70)	(70)	(70)	(70)	(70)	(70)	(70)	(74)	(73)
	S=0.284	S=0.016	S=0.001	S=0.221	S=0.036	S=0.060	S=0.001	S=0.001	S=0.496	S=0.444
TIME5M	-0.1615	0.3040	0.5313	0.1759	0.1327	-0.0808	0.3955	0.6107	-0.0474	-0.1236
	(70)	(70)	(70)	(70)	(70)	(70)	(70)	(70)	(74)	(73)
	S=0.090	S=0.005	S=0.001	S=0.072	S=0.136	S=0.253	S=0.001	S=0.001	S=0.344	S=0.148
FTEPTUM1	0.3833	0.5517	0.5834	0.4114	0.4881	0.1676	0.5657	0.6707	0.1962	0.5008
	(156)	(156)	(156)	(156)	(156)	(156)	(70)	(70)	(149)	(150)
	S=0.001	S=0.001	S=0.001	S=0.001	S=0.001	S=0.018	S=0.001	S=0.001	S=0.008	S=0.001
FTEPTUM2	0.4368	0.5866	0.5579	0.3683	0.5012	0.1574	0.4811	0.4683	0.1686	0.4343
	(156)	(156)	(156)	(156)	(156)	(156)	(70)	(70)	(149)	(150)
	S=0.001	S=0.001	S=0.001	S=0.001	S=0.001	S=0.025	S=0.001	S=0.001	S=0.020	S=0.001
FTEPTUM3	1.0000	0.7037	0.6673	0.6246	0.4538	-0.0803	0.2500	0.2025	0.0782	0.4424
	(0)	(156)	(156)	(156)	(156)	(156)	(70)	(70)	(149)	(150)
	S=0.001	S=0.001	S=0.001	S=0.001	S=0.001	S=0.159	S=0.018	S=0.046	S=0.171	S=0.001
FTEPTUM4	0.7037	1.0000	0.7623	0.5379	0.6202	-0.0403	0.6230	0.7580	0.1230	0.3770
	(156)	(0)	(156)	(156)	(156)	(156)	(70)	(70)	(149)	(150)
	S=0.001	S=0.001	S=0.001	S=0.001	S=0.001	S=0.309	S=0.001	S=0.001	S=0.067	S=0.001
FTEPTUM5	0.6673	0.7623	1.0000	0.7694	0.5729	-0.0637	0.9529	0.9621	0.1219	0.4521
	(156)	(156)	(0)	(156)	(156)	(156)	(70)	(70)	(149)	(150)
	S=0.001	S=0.001	S=0.001	S=0.001	S=0.001	S=0.214	S=0.001	S=0.001	S=0.069	S=0.001

(COEFFICIENT / (CASES) / SIGNIFICANCE) (A VALUE OF 99.0000 IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED)

- - - - - - - - - - - - PEARSON CORRELATION COEFFICIENTS - - - - - - - - - - - -

	FTEPTUM3	FTEPTUM4	FTEPTUM5	FTEPTUM6	FTEPTUM7	FTEPTUM8	FTETUMSI	FTETUMSM	LIP	NETINT
FTEPTUM6	0.6246	0.5379	0.7694	1.0000	0.4263	-0.0906	0.4884	0.5699	0.0080	0.4332
	(156)	(156)	(156)	(0)	(156)	(156)	(70)	(70)	(149)	(150)
	S=0.001	S=0.001	S=0.001	S=0.001	S=0.001	S=0.130	S=0.001	S=0.001	S=0.462	S=0.001
FTEPTUM7	0.4538	0.6202	0.5729	0.4263	1.0000	-0.0124	0.6323	0.6219	0.1627	0.4388
	(156)	(156)	(156)	(156)	(0)	(156)	(70)	(70)	(149)	(150)
	S=0.001	S=0.001	S=0.001	S=0.001	S=0.001	S=0.439	S=0.001	S=0.001	S=0.024	S=0.001
FTEPTUM8	-0.0803	-0.0403	-0.0637	-0.0906	-0.0124	1.0000	-0.0032	0.0049	-0.0781	0.0041
	(156)	(156)	(156)	(156)	(156)	(0)	(70)	(70)	(149)	(150)
	S=0.159	S=0.309	S=0.214	S=0.130	S=0.439	S=0.001	S=0.489	S=0.484	S=0.172	S=0.480
FTETUMSI	0.2500	0.6230	0.9529	0.4884	0.6323	-0.0032	1.0000	0.8339	0.2485	0.0006
	(70)	(70)	(70)	(70)	(70)	(70)	(0)	(70)	(70)	(69)
	S=0.018	S=0.001	S=0.001	S=0.001	S=0.001	S=0.489	S=0.001	S=0.001	S=0.019	S=0.498
FTETUMSM	0.2025	0.7580	0.9621	0.5899	0.6219	0.0049	0.8339	1.0000	0.2130	-0.0648
	(70)	(70)	(70)	(70)	(70)	(70)	(70)	(0)	(70)	(69)
	S=0.046	S=0.001	S=0.001	S=0.001	S=0.001	S=0.484	S=0.001	S=0.001	S=0.039	S=0.299
LIP	0.0782	0.1230	0.1219	0.0080	0.1627	-0.0781	0.2485	0.2130	1.0000	0.1278
	(149)	(149)	(149)	(149)	(149)	(149)	(70)	(70)	(0)	(196)
	S=0.171	S=0.067	S=0.069	S=0.462	S=0.024	S=0.172	S=0.019	S=0.039	S=0.001	S=0.037
NETINT	0.4424	0.3770	0.4521	0.4332	0.4388	0.0041	0.0008	-0.0648	0.1278	1.0000
	(150)	(150)	(150)	(150)	(150)	(150)	(69)	(69)	(196)	(0)
	S=0.001	S=0.001	S=0.001	S=0.001	S=0.001	S=0.480	S=0.498	S=0.299	S=0.037	S=0.001
TOTINT	0.5959	0.4921	0.5783	0.6112	0.4163	-0.0423	-0.0255	-0.0998	0.0105	0.8529
	(149)	(149)	(149)	(149)	(149)	(149)	(69)	(69)	(195)	(199)
	S=0.001	S=0.001	S=0.001	S=0.001	S=0.001	S=0.304	S=0.418	S=0.207	S=0.442	S=0.001
FEEPUM	0.2463	0.2518	0.2729	0.2127	0.1600	0.1435	0.1593	0.0795	0.2532	0.2876
	(156)	(156)	(156)	(156)	(156)	(156)	(70)	(70)	(195)	(199)
	S=0.001	S=0.001	S=0.001	S=0.004	S=0.023	S=0.037	S=0.094	S=0.257	S=0.001	S=0.001
PREPUM	0.2473	0.2746	0.2713	0.2298	0.2161	0.1370	0.0206	0.1255	0.2171	0.3302
	(156)	(156)	(156)	(156)	(156)	(156)	(70)	(70)	(196)	(200)
	S=0.001	S=0.001	S=0.001	S=0.002	S=0.003	S=0.044	S=0.433	S=0.150	S=0.001	S=0.001
ADMPUM	0.0091	-0.0213	0.0476	-0.0089	-0.1008	0.0036	0.3433	0.1599	0.0879	-0.1376
	(156)	(156)	(156)	(156)	(156)	(156)	(70)	(70)	(195)	(199)
	S=0.455	S=0.396	S=0.278	S=0.456	S=0.105	S=0.462	S=0.002	S=0.094	S=0.111	S=0.026

(COEFFICIENT / (CASES) / SIGNIFICANCE) (A VALUE OF 99.0000 IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED)

- - - - - - - - - - - - - P E A R S O N C O R R E L A T I O N C O E F F I C I E N T S - - - - - - - - - - - - -

	FTEPTUM3	FTEPTUM4	FTEPTUM5	FTEPTUM6	FTEPTUM7	FTEPTUM8	FTETUMSI	FTETUMSM	LIP	NETINT
PCTPRF	0.1667	0.1778	0.1970	0.1869	0.2390	0.0601	-0.0612	-0.0059	0.0526	0.3489
	(156)	(156)	(156)	(156)	(156)	(156)	(70)	(70)	(197)	(199)
	S=0.019	S=0.013	S=0.007	S=0.010	S=0.001	S=0.228	S=0.308	S=0.481	S=0.232	S=0.001
EXTPUM	0.0385	0.0526	0.0357	0.0654	0.2002	0.0861	0.0119	0.1601	0.0119	0.1049
	(150)	(150)	(150)	(150)	(150)	(150)	(66)	(66)	(189)	(193)
	S=0.320	S=0.261	S=0.332	S=0.213	S=0.007	S=0.147	S=0.462	S=0.100	S=0.436	S=0.073

(COEFFICIENT / (CASES) / SIGNIFICANCE) (A VALUE OF 99.0000 IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED)

- - - - - - - - - - - - - PEARSON CORRELATION COEFFICIENTS - - - - - - - - - - - - -

	TOTINT	FEEPUM	PREPUM	ADMPUM	PCTPRE	EXTPUM
LOC	0.1428	0.0620	0.1254	-0.1729	0.1258	0.0276
	(196)	(266)	(267)	(266)	(267)	(259)
	S=0.023	S=0.157	S=0.020	S=0.002	S=0.020	S=0.329
LOC1	0.1704	0.0556	0.1239	-0.1856	0.1398	0.0168
	(196)	(266)	(267)	(266)	(267)	(259)
	S=0.009	S=0.183	S=0.022	S=0.001	S=0.011	S=0.394
VAR89	-0.1055	-0.0875	-0.0940	0.0206	-0.0383	0.0222
	(199)	(274)	(276)	(274)	(275)	(266)
	S=0.069	S=0.074	S=0.059	S=0.367	S=0.264	S=0.359
SIZE1	0.1680	0.3450	0.3171	0.0316	0.1753	-0.0104
	(194)	(268)	(270)	(268)	(268)	(266)
	S=0.010	S=0.001	S=0.001	S=0.303	S=0.002	S=0.433
SIZE2	-0.0665	-0.0417	-0.0614	0.0515	-0.0237	-0.0023
	(194)	(268)	(270)	(268)	(268)	(266)
	S=0.171	S=0.248	S=0.157	S=0.201	S=0.349	S=0.485
VAR175	0.1290	0.0142	0.0327	-0.0713	0.0729	0.0650
	(180)	(183)	(184)	(183)	(183)	(178)
	S=0.042	S=0.424	S=0.330	S=0.169	S=0.164	S=0.195
INC	-0.1195	-0.1235	-0.1790	0.1855	-0.1327	-0.0489
	(125)	(164)	(164)	(164)	(165)	(159)
	S=0.092	S=0.057	S=0.011	S=0.009	S=0.045	S=0.270
WAGE	-0.2574	-0.0866	-0.1689	0.2654	-0.1635	-0.0345
	(136)	(185)	(186)	(185)	(186)	(181)
	S=0.001	S=0.121	S=0.011	S=0.001	S=0.013	S=0.323
CETA	-0.0570	0.0060	-0.0540	0.1600	-0.0454	0.0394
	(178)	(240)	(240)	(240)	(242)	(233)
	S=0.225	S=0.451	S=0.203	S=0.007	S=0.241	S=0.275
VAR16	-0.1222	0.0213	-0.0680	0.2435	-0.0995	-0.0192
	(173)	(235)	(237)	(235)	(238)	(230)
	S=0.055	S=0.372	S=0.148	S=0.001	S=0.063	S=0.386
TURN	0.4520	0.1555	0.2249	-0.2115	0.3538	0.3387
	(194)	(193)	(194)	(193)	(193)	(186)
	S=0.001	S=0.015	S=0.001	S=0.002	S=0.001	S=0.001

(COEFFICIENT / (CASES) / SIGNIFICANCE) (A VALUE OF 99.0000 IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED)

PEARSON CORRELATION COEFFICIENTS

	TOTINT	FEEPUM	PREPUM	ADMPUM	PCTPRE	EXTPUM
YIELD	0.1439 (197) S=0.022	0.0430 (199) S=0.273	0.0599 (199) S=0.200	-0.0497 (199) S=0.243	0.0191 (200) S=0.394	-0.0237 (192) S=0.372
INSPI	0.5493 (141) S=0.001	0.2254 (142) S=0.003	0.2800 (144) S=0.001	-0.1773 (142) S=0.017	0.2471 (142) S=0.001	0.2025 (137) S=0.009
INSPM	-0.0392 (129) S=0.330	-0.0440 (130) S=0.310	0.0060 (131) S=0.473	-0.0689 (130) S=0.218	-0.0597 (130) S=0.250	0.1135 (124) S=0.104
PROPELD	0.0064 (170) S=0.467	-0.0276 (231) S=0.338	-0.0100 (233) S=0.440	-0.0562 (231) S=0.198	0.0199 (233) S=0.381	0.1607 (226) S=0.008
SECB	-0.1017 (152) S=0.107	-0.0137 (154) S=0.433	-0.0398 (155) S=0.311	0.0551 (154) S=0.248	-0.0231 (154) S=0.388	-0.0620 (152) S=0.224
NSECB	0.0446 (198) S=0.266	-0.2065 (204) S=0.002	-0.1984 (205) S=0.002	-0.0025 (204) S=0.486	-0.0977 (205) S=0.081	-0.1048 (197) S=0.071
FTEPTUM	0.6054 (188) S=0.001	0.4524 (194) S=0.001	0.4767 (195) S=0.001	-0.0679 (194) S=0.173	0.3114 (194) S=0.001	0.1235 (188) S=0.046
TIMF1	0.0430 (155) S=0.297	0.0839 (162) S=0.144	0.1043 (163) S=0.093	-0.0426 (162) S=0.295	0.0715 (162) S=0.183	-0.0396 (156) S=0.312
TIMF2	0.0816 (155) S=0.156	0.2689 (162) S=0.001	0.2019 (163) S=0.005	0.1388 (162) S=0.039	0.1288 (162) S=0.051	-0.2195 (156) S=0.003
TIMF3	0.1149 (155) S=0.077	0.0428 (162) S=0.294	0.0257 (163) S=0.373	0.0297 (162) S=0.354	-0.0506 (162) S=0.261	-0.0576 (156) S=0.238
TIMF4	0.0320 (155) S=0.346	-0.0107 (162) S=0.446	0.0026 (163) S=0.487	-0.0118 (162) S=0.441	0.0142 (162) S=0.429	0.0545 (156) S=0.250

(COEFFICIENT / (CASES) / SIGNIFICANCE) (A VALUE OF 99.0000 IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED)

- - - - - - - - - - - - - P E A R S O N C O R R E L A T I O N C O E F F I C I E N T S - - - - - - - - - - - - -

	TOTIPT	FEEPUM	PREPUM	ADMPUM	PCTPRE	EXTPUM
TIME5	-0.0848	-0.1180	-0.1101	0.0013	-0.0108	-0.0034
	(155)	(162)	(163)	(162)	(162)	(156)
	S=0.147	S=0.068	S=0.081	S=0.494	S=0.446	S=0.483
TIME6	-0.0451	-0.0748	-0.0717	-0.0032	0.0182	0.0484
	(155)	(162)	(163)	(162)	(162)	(156)
	S=0.289	S=0.172	S=0.182	S=0.484	S=0.409	S=0.274
TIME7	-0.0223	-0.1546	-0.1110	-0.0981	-0.0364	0.1573
	(155)	(162)	(163)	(162)	(162)	(156)
	S=0.391	S=0.025	S=0.079	S=0.107	S=0.323	S=0.025
TIME8	-0.1383	-0.0248	-0.0174	-0.0294	-0.0732	0.0624
	(155)	(162)	(163)	(162)	(162)	(156)
	S=0.043	S=0.377	S=0.413	S=0.355	S=0.177	S=0.219
TIME5I	0.0024	-0.0078	-0.1083	0.1815	-0.0898	-0.0800
	(73)	(74)	(75)	(74)	(74)	(70)
	S=0.492	S=0.474	S=0.178	S=0.061	S=0.223	S=0.255
TIME5N	-0.1526	-0.1729	-0.1131	-0.0170	-0.1031	0.1562
	(73)	(74)	(75)	(74)	(74)	(70)
	S=0.099	S=0.070	S=0.168	S=0.443	S=0.191	S=0.098
FTEPTUM1	0.4507	0.3830	0.4283	-0.0797	0.3324	0.0846
	(149)	(156)	(156)	(156)	(156)	(150)
	S=0.001	S=0.001	S=0.001	S=0.161	S=0.001	S=0.152
FTEPTUM2	0.4443	0.4405	0.4099	0.0736	0.2949	-0.0851
	(149)	(156)	(156)	(156)	(156)	(150)
	S=0.001	S=0.001	S=0.001	S=0.181	S=0.001	S=0.150
FTEPTUM3	0.5959	0.2463	0.2473	0.0091	0.1667	0.0385
	(149)	(156)	(156)	(156)	(156)	(150)
	S=0.001	S=0.001	S=0.001	S=0.455	S=0.019	S=0.320
FTEPTUM4	0.4921	0.2518	0.2746	-0.0213	0.1778	0.0526
	(149)	(156)	(156)	(156)	(156)	(150)
	S=0.001	S=0.001	S=0.001	S=0.396	S=0.013	S=0.261
FTEPTUM5	0.5783	0.2729	0.2713	0.0476	0.1970	0.0357
	(149)	(156)	(156)	(156)	(156)	(150)
	S=0.001	S=0.001	S=0.001	S=0.278	S=0.007	S=0.332

(COEFFICIENT / (CASES) / SIGNIFICANCE) (A VALUE OF 99.0000 IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED)

- - - - - - - - - - - - PEARSON CORRELATION COEFFICIENTS - - - - - - - - - - - -

	TOTINT	FEEPUM	PREPUM	ADMPUM	PCTPRE	EXTPUM
FTEPTUM6	0.6112 (149) S=0.001	0.2127 (156) S=0.004	0.2298 (156) S=0.002	-0.0089 (156) S=0.456	0.1869 (156) S=0.010	0.0654 (150) S=0.213
FTEPTUM7	0.4163 (149) S=0.001	0.1600 (156) S=0.023	0.2161 (156) S=0.003	-0.1008 (156) S=0.105	0.2390 (156) S=0.001	0.2002 (150) S=0.007
FTEPTUM8	-0.0423 (149) S=0.304	0.1435 (156) S=0.037	0.1370 (156) S=0.044	0.0036 (156) S=0.482	0.0601 (156) S=0.228	0.0861 (150) S=0.147
FTETUM5I	-0.0255 (69) S=0.418	0.1593 (70) S=0.094	0.0206 (70) S=0.433	0.3433 (70) S=0.002	-0.0612 (70) S=0.308	0.0119 (66) S=0.462
FTETUM5M	-0.0998 (69) S=0.207	0.0795 (70) S=0.257	0.1255 (70) S=0.150	0.1599 (70) S=0.094	-0.0059 (70) S=0.481	0.1601 (66) S=0.100
LIP	0.0105 (195) S=0.442	0.2532 (195) S=0.001	0.2171 (196) S=0.001	0.0879 (195) S=0.111	0.0526 (197) S=0.232	0.0119 (189) S=0.436
NETINT	0.8529 (199) S=0.001	0.2876 (199) S=0.001	0.3302 (200) S=0.001	-0.1376 (199) S=0.026	0.3489 (199) S=0.001	0.1049 (193) S=0.073
TOTINT	1.0000 (0) S=0.001	0.2394 (198) S=0.001	0.2944 (199) S=0.001	-0.1732 (198) S=0.007	0.3521 (198) S=0.001	0.1715 (192) S=0.009
FEEPUM	0.2394 (198) S=0.001	1.0000 (0) S=0.001	0.9306 (274) S=0.001	0.1014 (274) S=0.047	0.5958 (274) S=0.001	0.0459 (266) S=0.228
PREPUM	0.2944 (199) S=0.001	0.9306 (274) S=0.001	1.0000 (0) S=0.001	-0.2699 (274) S=0.001	0.7658 (274) S=0.001	0.3072 (266) S=0.001
ADMPUM	-0.1732 (198) S=0.007	0.1014 (274) S=0.047	-0.2699 (274) S=0.001	1.0000 (0) S=0.001	-0.5138 (274) S=0.001	-0.8279 (266) S=0.001

(COEFFICIENT / (CASES) / SIGNIFICANCE) A VALUE OF 99.0000 IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED)

PEARSON CORRELATION COEFFICIENTS

	TOTINT	FEEPUM	PREPUM	ADMPUM	PCTPRE	EXTPUM
PCTPRE	0.3521	0.5958	0.7658	-0.5138	1.0000	0.5318
	(198)	(274)	(274)	(274)	(0)	(266)
	S=0.001	S=0.001	S=0.001	S=0.001	S=0.001	S=0.001
EXTPUM	0.1715	0.0459	0.3072	-0.8279	0.5318	1.0000
	(192)	(266)	(266)	(266)	(266)	(0)
	S=0.009	S=0.228	S=0.001	S=0.001	S=0.001	S=0.001

(COEFFICIENT / (CASES) / SIGNIFICANCE) (A VALUE OF 99.0000 IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED)

APPENDIX E: DATA LAYOUT AND CODEBOOK

Card	Column	Variable No.	Variable	Missing Value Code
1	1- 2	1	State I.D. (See code in (special instructions)	
	3- 5	2	PHA #	
	6- 8	3	Total # projects in PHA	
	9-14	4	Case #	
	15-18	5	# Elderly/Efficiency Units	-99
	19-22	6	# Family/Efficiency Units	-99
	23-26	7	# Total/Efficiency Units	-99
	27-29	8	FMR (PUM)/Efficiency Units	-99, 0
	30-33	9	# Elderly/1 Bedroom Units	-99
	34-37	10	# Family/1Bedroom Units	-99
	38-41	11	# Total/1 Bedroom Units	-99
	42-44	12	FMR (PUM)/1 Bedroom Units	-99, 0
	45-48	13	# Elderly/2 Bedroom Units	-99
	49-52	14	# Family/2 Bedroom Units	-99
	53-56	15	# Total/2 Bedroom Units	-99
	57-59	16	FMR (PUM)/2 Bedroom Units	-99, 0
	60-63	17	# Elderly/3 Bedroom Units	-99
	64-67	18	# Family/3 Bedroom Units	-99
	68-71	19	# Total/3 Bedroom Units	-99
	72-74	20	FMR (PUM)/3 Bedroom Units	-99, 0
	79-80	21	Card No. (=1)	-9

APPENDIX E: DATA LAYOUT AND CODEBOOK

Card	Column	Variable No.	Variable	Missing Value Code
2	1- 2	22	State I.D.	
	3- 5	23	PHA #	
	15-18	24	# Elderly/4 Bedroom Units	-99
	19-22	25	# Family/4 Bedroom Units	-99
	23-26	26	# Total/4 Bedroom Units	-99
	27-29	27	FMR (PUM)/4 Bedrooms Units	-99, 0
	30-33	28	# Elderly/5 Bedroom Units	-99
	34-37	29	# Family/5 Bedroom Units	-99
	38-41	30	# Total/5 Bedroom Units	-99
	42-44	31	FMR (PUM)/5 Bedroom Units	-99, 0
	45-48	32	# Elderly/6 Bedroom Units	-99
	49-52	33	# Family/6 Bedroom Units	-99
	53-56	34	# Total/6 Bedroom Units	-99
	57-59	35	FMR (PUM)/6 Bedroom Units	-99, 0
	60-61	36	# Projects with Elevator Units	
	62-67	37	Total # Elderly Units	-99
	68-73	38	Total # Family Units	-99
	74-79	39	Total # Units	-99
	80	40	Card No. (=2)	9
3	1- 2	41	State I.D.	
	3- 5	42	PHA #	
	6- 7	43	No. of Projects	-9
	8-13	44	FY ending (Mo./day/year) (record Nos. - e.g., 030165)	-99

Card	Column	Variable No.	Variable	Missing Value Code
3 (Cont'd)	14-19	45	Beginning date of first FY (Mo./day/year) (Leave blank if no day, e.g., 03 65)	-99
	20-24	46	# Units under ACC	-99, 0
	25-29	47	# Units under lease	-99, 0
	30	48	Elevator Designator	
	31-35	49	# Unit Months	-99, 0
	36-43	50	Max. AC Authorized (Line 1)	-99
	44-51	51	Pro-rated contributions (if less than 12 months) (Line 2)	-99
	52-59	52	Max. annual contribution (var. 50 + var. 51) (Line 3)	-99
	60-68	53	Project account - balance at beginning of year (Line 4)	-99
	69-76	54	Total AC available (var. 52 + var. 53) (Line 5)	-99
	80	55	Card # (=3) (=9 if no 52681)	9
4	1- 2	56	State	
	3- 5	57	PHA #	
	14-21	58	Housing Assistance Payments (Line 6)	-99
	22-28	59	Administrative Fee Required by PHA (Line 7)	-99
	29-34	60	Preliminary Admin. Expense prior to ACC required by PHA (Line 8)	-99
	35-41	61	Preliminary Admin. Expense after ACC required by PHA (Line 9)	-99
	42-47	62	Nonexpendable equip. required by PHA (Line 10)	-99
	48-53	63	IPA audit costs required by PHA (Line 12)	-99

Card	Column	Variable No.	Variable	Missing Value Code
4 (Cont'd)	54-61	64	Total funds required by PHA for current year (Sum of Var. 58 to 63) (Line 13)	-99
	62-66	65	Deficit from previous years (Line 14)	-99
	67-74	66	Total funds required by PHA (Var. 64 + Var. 65) (Line 15)	-99
	80	67	Card # (=4)	-9
5	1- 2	68	State I.D.	
	3- 5	69	PHA #	
	14-19	70	Project receipts other than Annual Contributions (Line 16)	-99
	20-27	71	Total annual contributions requested (Var. 66 - Var. 70) (Line 17)	-99
	28-35	72	Difference Between AC available (Var. 54) and AC required (Var. 71) (if positive) (Var. 59 - Var. 71) (record 0 if neg.) (Line 18)	-99
	36-41	73	(Var. 54 - Var. 71) if negative (record 0 if positive) (Line 19)	-99
	42-49	74	AC due for FY (Var. 71 - Var. 73) (Line 20)	-99
	50-57	75	Total partial payment received for FY (Line 21) (Note: Var. 74 - Var. 75 = amount due PHA if > 0 or amount due HUD if < 0)	-99
	58-65	76	Project account - balance at end of FY (= Var. 72) (Line 24)	-99
	66-73	77	Provision for Project Account (Var. 76 - Var. 53) (Line 25)	-99
	80	78	Card # (=5)	-9

Card	Column	Variable No.	Variable	Missing Value Code
6	1- 2	79	State I.D.	
	3- 5	80	PHA #	
	14-19	81	Estimate preliminary admin. expense before ACC (Line 8)	-99
	20-26	82	Estimated preliminary admin. expense after ACC (Line 9)	-99
	80	83	Card # (=6)	-9
7	1- 2	84	State I.D.	
	3- 5	85	PHA #	
	6- 7	86	No. of Projects	
	8-13	87	FY ending (Mo/Day/Year)	-99
	14-18	88	Units under ACC (= Var. 46)	-99, 0
	19-23	89	Units under lease (= Var. 47)	-99, 0
	24-29	90	Unit months (Var. =49)	-99, 0
	30-34	91	Receipts from interest on general fund investments (Line 10)	-99
	35-39	92	Receipts from other income (Line 20)	-99
	40-44	93	Total operating income (= Var. 91 + Var. 92) (Line 30)	-99
	45-49	94	Receipts from nonexpendable equipment not replaced (Line 40)	-99
	50-54	95	Total operating receipts (exclusive of annual contributions) (= Var. 93 + Var. 94) (Line 50)	-99
	55-62	96	Annual contributions earned (Line 60)	-99
	63-70	97	Total operating receipts (= Var. 95 + Var. 96) (Line 70)	-99
	79-80	98	Card # (=7) (-9 if no 52682)	-9

Card	Column	Variable No.	Variable	Missing Value Code
8	1- 2	99	State I.D.	
	3- 5	100	PHA #	
	14-21	101	Housing Assistance Payments (= Var. 58) (Line 80)	-99
	22-27	102	Preliminary Admin. Expense prior to ACC (= Var. 60) (Line 90)	-99
	28-33	103	Preliminary Admin. Expense after ACC (= Var. 61) (Line 100)	-99
	34-39	104	Nonexpendable equipment (Line 110)	-99
	40-45	105	Property Betterments (Line 120)	-99
	46-53	106	Total HAP Preliminary Exp. and Equipment (Var. 101 + Var. 102 + Var. 103 + Var. 104 + Var. 105) (Line 130)	-99
	54-60	107	Total operating receipts available for regular costs of admin. (Var. 97 - Var. 106) (Receipts - Expenditures) (Line 140)	-99
	61-66	108	Admin. Salaries (Line 150)	-99
	67-71	109	Legal Expense (Line 160)	-99
	79-80	110	Card # (=8)	-9
9	1- 2	111	State I.D.	
	3- 5	112	PHA #	
	14-18	113	Travel Expenses (Line 170)	-99
	19-23	114	Accounting and Audit Expenses (Line 180)	-99
	24-28	115	Office Rent (Line 190)	-99
	29-34	116	Sundry Admin. Expense (Line 200)	-99

Card	Column	Variable No.	Variable	Missing Value Code
9 (Cont'd)	35-41	117	Total admin. expenses (= Var. 108 + Var. 109 + Var. 113 + Var. 114 + Var. 115 + Var. 116) (Line 210)	-99
	42-46	118	Maint. & Operation Expenses (Line 220)	-99
	47-51	119	Insurance Expenses (Line 230)	-99
	52-56	120	Terminal Leave Payments (Line 240)	-99
	57-62	121	Employee Benefit Contributions (Line 250)	-99
	63-67	122	Other General Expenses (Line 260)	-99
	68-73	123	Total - Other expenses (= Var. 118 + Var. 119 + Var. 120 + Var. 121 + Var. 122) (Line 270)	-99
	79-80	124	Card # (= 9)	-9
10	1- 2	125	State I.D.	
	3- 5	126	PHA #	
	14-20	127	Total - Admin. & Other Expenses (Var. 117 + Var. 123) (Line 280)	-99
	21-26	128	Prior year adjustments - affecting residual receipts debit (if required) (Line 290)	-99
	27-33	129	Total expenses for regular cost of admin. incl. prior year adj. (Var. 127 + Var. 128) (Line 300)	-99
	34-40	130	Net income (or deficit) before provision for operating reserve [=Total operating receipts available for ongoing admin. (var. 107) - Total expenses for admin. (Var. 129)] (Line 310)	-99
	41-47	131	Operating reserve - balance at beginning of FY (Line 320)	-99

Card	Column	Variable No.	Variable	Missing Value Code
10 (Cont'd)	48-53	132	Cash withdrawals from op. reserve during FY (Line 330)	-99
	54-60	133	Net operating reserve after Var. cash withdrawals (= Var. 131 - Var. 132) (Line 340)	-99
	61-66	134	Net income (or deficit) before provision for operating reserve (Should cover all HAP projects) (Line 350)	-99
	67-72	135	Net deficit brought forward from preceding FY (Line 360)	-99
	79-80	136	Card # (= 10)	-9
11	1- 2	137	State I.D.	
	3- 5	138	PHA #	
	14-19	139	Total income (or deficit) (Line 370)	-99
	20-25	140	Provision for operating reserve - addition (Line 380)	-99
	26-31	141	Provision for operating reserve - deduction (Line 390)	-99
	32-38	142	Operating reserve - balance at end of FY (Line 400)	-99
	39-44	143	Deficit at end of FY (Line 410)	-99
	79-80	144	Card # (= 11)	-9
12	1- 2	145	State I.D.	
	3- 5	146	PHA #	
	6- 8	147	Project No.	
	9-12	148	County Public Administration Wage Index	-99, -9
	13-16	149	SMSA Public Administration Wage Index	-99, -9
	17-20	150	Non-SMSA Public Administration Wage Index	-99, -9

Card	Column	Variable No.	Variable	Missing Value Code
12 (Cont'd)	21-26	VARA	1979 median county income	-99, -98
	27-31	VARB	CETA county wage index for all services	-99, -98
	32-35	VARC	CETA wage index for all PHAs in SMSA	-99, -98
	36	VARD	Agency Type 1 = State 2 = Region 0 = Missing or neither State nor Region	
	78	151	Metro Indicator 1 = Nonmetro 2 = Metro 3 = Mixed	9
	79-80	152	Card # (= 12) (- 9 if no wage or metro indicator)	-9
13	1- 2	160	State I.D.	
	3- 5	161	PHA #	
	6	162	Agency Title (Q1) 1 - Local Housing Authority (LHA) 2 - Local Redevel. Agency (LRA) 3 - Combined LHA & LRA 4 - Local Governing body department or office 5 Regional Planning Agency 6 - Social Service/Public Interest Agency 7 - State Housing Agency 8 - Other 9 - No Response	
	7- 8	163	Year Founded (Q2) Code last two digits, e.g., if 1968, code 68. - 9 if no response.	
	9	164	Area includes open country, small housing cluster (Q3a) 1 - Yes 2 - No 0, 9 - No response	
	10	165	Area includes town < 20,000 (Q3b)	

Card	Column	Variable No.	Variable
13 (Cont'd)			1 - Yes 2 - No 3 - No response
	11	166	Area includes small city/town (20K - 50K) (Q3c) 1 - Yes 2 - No 3 - No response
	12	167	Area includes suburbs of small city/town (under 50K) (Q3d) 1 - Yes 2 - No 3 - No response
	13	168	Area includes medium city/town (50K - 250K) (Q3e) 1 - Yes 2 - No 7, 9 - no response
	14	169	Area includes suburbs of medium city/town (50K - 250K) (Q3f) 1 - Yes 2 - No 0, 9 - no response
	15	170	Area includes suburbs of large city (> 250K) (Q3g) 1 - Yes 2 - No 9 - No response
	16	171	Area includes largecity (> 250K) (Q3h) 1 - Yes 2 - No 4, 9 - no response
	17-23	172	Population of Section 8 jurisdiction. Code actual numbers; - 99 if no response (Q4)
	24	173	Is agency administering any housing programs besides Section 8 - Existing (Q5)

Card	Column	Variable No.	Variable
13 (Cont'd)			1 - Yes 2 - No 9 - No Response
	25-30	174	If yes to Var. 173, What is no. of housing units in addition to Section 8 - Existing? (Q6) Code actual number: - 99 if not applicable - 98 if applicable but no response
	31	175	Current rental housing vacancy rate for low-mod income housing (Q7) 0-1% = 1 1.01-2% = 2 2.01-4% = 3 4.01-7% = 4 > 7.01% = 5 No response = 9, 0
	32	176	Receive more or less than $275/unit in preliminary fees? (Q8) 1 - more 2 - less 3 - received $275 9 - no response
	33	177	Reason for more/less than $275. If 1 in Var. 176: (Q9) 1 - HUD approved more 2 - Budget problems 8 - applicable, no response 9 - not applicable If 2 in Var. 176: 1 - low lease-up rate 2 - don't know 3 - didn't request more 4 - spent less than $275 8 - applicable, no response 9 - not applicable

Card	Column	Variable No.	Variable
13 (Cont'd)	34-39	178	No. applications reviewed for eligibility. Record actual no.; - 99 if no response (Q10a)
	40-45	179	Of applications reviewed, how many were eligible? Record actual no.; - 99 if no response (Q10b)
	46-51	180	Of those eligible, how many applications were certified? Record actual no.; - 99 if no response (Q10c)
	52-57	181	Of those certified, how many became recipients? Record actual no.; - 99 if no response (Q10d)
	58-63	182	Of those who became recipients how many remained in unit initially occupied? Record actual no.; - 99 if no response (Q10e)
	64-69	183	How many recipients left the program? Record actual no; - 99 if no response (Q10f)
	70-75	184	How many recipients moved from one Section 8 unit to another? Record actual no. - 99 if no response (Q10g)
	79-80	185	Card # (= 13) (- 9 if no survey response)
14	1- 2	186	State I.D.
	3- 5	187	PHA #
	6-11	188	No. initial inspections of new units. Record actual no.; - 99 if no response (Q11a)
	12-17	189	No. new units initially found unacceptable. Record actual no.; - 99 if no response (Q11b)

Card	Column	Variable No.	Variable
14 (Cont'd)	18-23	190	No. reinspections made of new units. Record actual no; - 99 if no response (Q11c)
	24-29	191	No. of annual reinspections Record actual no.; - 99 if no response (Q11d)
	30	192	Housing quality standards used: (Q12) HUD criteria/no modifications - 1 HUD criteria w/ modifications - 2 State Code - 3 Local Code - 4 Other - 5 No Response - 9
	31	193	Have waivers to program criteria/codes been granted? (Q13) 1 - Yes 2 - No 3 - No response
	32-37	194	Staff number/time (Q14) Coding instructions: ignore info. on salaries. For each position listed, multiply the no. of persons in the position times the proportion of time given to Section 8, and sum the products. (Proportion = percent divided by 100.) Record a number < 0 if no response. (See coding instruction #2.) Read under F6.2 format. (-9 = Missing)
	38	195	Are there CETA personnel in Section 8 - Existing? (Q15) 1 - Yes 2 - No 9 - No response
	39-41	196	No. CETA employees. code actual no. (Q16a)

Card	Column	Variable No.	Variable
14 (Cont'd)			- 99 - not applicable - 98 - applicable but no response
	42-44	197	Percent of time charged to Section 8. Code actual no. (Q16b) Applicable but no response: - 98 Not applicable: - 99
	45-51	198	Total annual cost of CETA employees to Section 8. (Q16c) Code actual no. Applicable but no response: - 98 Not applicable: - 99
	52-54	199	Percent of staff time for landlord outreach. (Q17a) Code actual %; (e.g., code 25 if 25%; code 0 if 0%); - 99 if no response; - 98 if response shows respondent misunderstood question (e.g., %'s equal more than 100, %'s equal less than 100)
	55-57	200	Percent of staff time for tenant outreach. (Q17b) (same code as Var. 199)
	58-60	201	Percent of staff time for eligibility determination (Q17c) (Same code as Var. 199)
	61-63	202	Percent of staff time for initial contract/lease negotiation (Q17d) (Same code as Var. 199)
	64-66	203	Percent of staff time for house inspections (Q17e) (same code as Var. 199)
	67-69	204	Percent of staff time for recertification/contract renewals (Q17f) (Same code as Var. 199)
	70-72	205	Percent of staff time for general services to Section

Card	Column	Variable No.	Variable
14 (Cont'd)			tenants (Q17g) (Same code as Var. 199)
	73-75	206	Percent of staff time for other (Q17h) (Same code as Var. 199)
	79-80	207	Card # (= 14)
15	1- 2	208	State I.D.
	3- 5	209	PHA #
	6-12	210	Amount paid for housing inspections if contracted. Record amount in dollars per year; 0 if $0; - 99 if no response. (Q18a)
	13-19	211	Amount paid for income verification if contracted (Same code as Var. 210) (Q18b)
	20-26	212	Amount paid for outreach if contracted (Same code as Var. 210) (Q18c)
	27-33	213	Amount paid for other contracted services (Same code as Var. 210) (Q18d)
	34-40	214	Total amount paid for contracted services (= Var. 210 + Var. 211 + Var. 212 + Var. 213) (Same code as Var. 210) (Q18e)
	41-42	215	No. of services provided at no cost to PHA. Add no. of services mentioned; 0 if no services; - 9 if no response. (Q19)
	43-49	216	Dollar value (per year) of services provided at no cost. Add total dollar value mentioned. Record dollars per year; 0 if no services provided; - 9, - 99 if no response. (Q19)

Card	Column	Variable No.	Variable
15 (Cont'd)	50	217	How are admin. support services charged to Section 8 - Existing (Q20) 1 - direct charge 2 - Allocated based on Section 8 % of total budget 3 - other 0, 9 - no response
	51	218	Who determines Section 8 budget? (Q21) 1 - Section 8 management 2 - PHA management, if other than Section - personnel 3 - Both 4 - Other 9 - No response
	52	219	Is payment system automated? (Q22) 1 - Yes 2 - No 3 - No response
	53	220	Is accounting system automated? (Q23) 1 - Yes 2 - No 9 - No response
	54-55	221	First suggestion mentioned (Q24) 1 - Ongoing admin. fee of 8-1/2% is too low 2 - FMR too low/not revised often or soon enough 3 - FMR system is inequitable/unfair 4 - Ongoing admin. fee doesn't reflect scale economies 5 - Ongoing admin. fee doesn't reflect higher cost in rural areas. 6 - Prelim. Admin. fee doesn't reflect scale economies

Card	Column	Variable No.	Variable
15 (Cont'd)			7 -Prelim. admin. fee too low/doesn't reflect particular types of costs (e.g., re-renting) 8 Prelim. Admin. fee inequitable/unfair 98 - Other 99 - No response
	56-57	222	Second suggestion mentioned (Q24) (Use same code as Var. 221)
	58-59	223	Third suggestion mentioned (Q24) (use same code as Var. 221)
	79-80	224	Card # (= 15)
16	1- 3	225	State
	4- 6	226	PHA #
	11-15	227	No. of persons in PHA counted
	16-19	228	Congressional district #
	20-23	229	No. valid responses - minority status
	24-27	230	No. valid responses - present housing status
	28-31	231	No. valid responses - applicant/recert. status
	32-35	232	No. valid responses - family status
	36-39	233	No. valid responses - no. in family
	40-43	234	No. valid response - No. minority children
	44-47	235	No. valid responses - No. bedrooms
	48-51	236	No. valid responses-age of head
	52-55	237	No. valid responses-sex of head

Card	Column	Variable No.	Variable
16 (Cont'd)	56-59	238	No. valid responses husband/wife status
	60-63	239	Average family contribution as percent of monthly rent
	69-74	240	Average income
	75-78	241	Percent very low income (percent with income less than 62% of qualifying income)
	79-80	242	Card No. (= 16) (- 9 if no LIAPS data)
17	1- 3	243	State I.D.
	4- 6	244	PHA #
	7-10	245*	% White/nonminority
	11-14	246*	% Negro/Black
	15-18	247*	% American Indian
	19-22	248*	% Spanish-American
	23-26	249*	% Oriental
	27-30	250*	% Other
	31-34	251*	% Minority status unknown
	35-38	252*	% present housing status unknown
	39-42	253*	% w/o or about to be w/o standard housing
	43-46	254*	% In substandard housing
	47-50	255*	% In standard housing
	51-54	256*	% Housing status unknown**
	55-58	257*	% Housing status unknown**

* Variable X10. Use F4.1 input format.

** Unable to determine meaning of codes from LIAPS documentation

Card	Column	Variable No.	Variable
17 (Cont'd)	59-62	258*	% Appl./Recert. Status = 1**
	63-66	259*	% Appl./Recert. Status = 2**
	67-70	260*	% Appl./Recert. Status = 3**
	71-74	261*	% Appl./Recert. Status = 4**
	75-78	262*	% Appl./Recert. Status = 5**
	79-80	263	Card No. (= 17)
18	1- 3	264	State I.D.
	4- 6	265	PHA #
	7-10	266*	% Head/spouse 62 or over
	11-14	267*	% Head/spouse disabled
	15-18	268*	% Head/spouse handicapped
	19-22	269*	% None of the above
	23-26	270*	% Family status = 5**
	27-30	271*	% Family status = 6**
	31-34	272*	% Family status = 7**
	35-38	273*	% Family status = 8**
	39-42	274*	% Family status = 9**
	43-46	275*	% With 1 in family
	47-50	276*	% With 2 in family
	51-54	277*	% With 3 in family
	55-58	278*	% With 4 in family
	59-62	279*	% With 5 in family
	63-66	280*	% With 6 in family
	67-70	281*	% With 7 in family

---

* Variable X10. Use F4.1 format.

** Unable to determine meaning of codes from LIAPS documentation.

Card	Column	Variable No.	Variable
18 (Cont'd)	71-74	282*	% With 8 in family
	75-78	283*	% With 9 in family
	79-80	284*	Card No. (= 18)
19	1- 3	285	State I.D.
	4- 6	286	PHA #
	7-10	287*	% With 10 in family
	11-14	288*	% In family unknown
	15-18	289*	% With 1 minor in family
	19-22	290*	% With 2 minors in family
	23-26	291*	% With 3 minors in family
	27-30	292*	% With 4 minors in family
	31-34	293*	% With 5 minors in family
	35-38	294*	% With 6 minors in family
	39-42	295*	% With 7 minors in family
	43-46	296*	% With 8 minors in family
	47-50	297*	% With 9 or more minors in family
	51-54	298*	% Minors in family unknown
	55-58	299*	% With 1 bedroom
	59-62	300*	% With 2 bedrooms
	63-66	301*	% With 3 bedrooms
	67-70	302*	% With 4 bedrooms
	71-74	303*	% With 5 bedrooms
	75-78	304*	% With 6 bedrooms
	79-80	305	Card No. (= 19)

* Variable X10. Read under F4.1 format.

Card	Column	Variable No.	Variable
20	1- 3	306	State I.D.
	4- 6	307	PHA #
	7-10	308*	% bedrooms unknown
	11-14	309*	% With male head of household
	15-18	310*	% With female head of household
	19-22	311*	% With sex of head unknown
	23-26	312*	% With husband & wife present
	27-30	313*	% W/O husband & wife present
	31-34	314*	% Other, unknown
	35-38	315*	% With income less than $3,000
	39-42	316*	% With income $3,000-5,999
	43-46	317*	% With income $6,000-8,999
	47-50	318*	% With income $9,000-11,999
	51-54	319*	% With income $12,000-14,999
	55-58	320*	% With income $\geq$ $15,000
	59-62	321*	% With income unknown
	79-80	322*	Card No. (= 20)

* Variable X10. Read under F4.1 format.

INSTRUCTIONS

#1 State Codes and Region

01	Alabama - 4	22	Louisiana - 6	40	Oklahoma - 6
02	Alaska - 11	23	Maine - 1 41	Oregon - 10	
04	Arizona - 9	24	Maryland - 3	42	Pennsylvania - 3
05	Arkansas - 6	25	Massachusetts - 1	44	Rhode Island - 1
06	California - 9	26	Michigan - 5	45	South Carolina - 4
08	Colorado - 8	27	Minnesota - 5	46	South Dakota - 8
09	Connecticut - 1	28	Mississippi - 4	47	Tennessee - 4
10	Delaware - 3	29	Missouri - 7	48	Texas - 6
11	D.C. - 3	30	Montana - 8	49	Utah - 8
12	Florida - 4	31	Nebraska - 7	50	Vermont - 1
13	Georgia - 4	32	Nevada - 9	51	Virginia - 3
15	Hawaii - 11	33	New Hampshire - 1	53	Washington - 10
16	Idaho - 10	34	New Jersey - 2	54	West Virginia - 3
17	Illinois - 5	35	New Mexico - 6	55	Wisconsin - 5
18	Indiana - 5	36	New York - 2	56	Wyoming - 8
19	Iowa - 7	37	North Carolina - 4		
20	Kansas - 7	38	North Dakota - 8		
21	Kentucky - 4	39	Ohio - 5		

#2 Instructions for coding staff number/time (variable 194). The examples be show how to multiply the number of persons in each position listed times th proportion of time, and how to sum the products:

Example 1:

Position/Function	Number of Positions	Average Salary	% Time to Sect. 8
a. Director	1	$20,000	15 %
b. Deputy Director	____	$ ____	____ %
c. Outreach Coordinator	1	$ 9,600	____ %
d. Tenant Certification	____	$ ____	____ %
e. Contract Negotiation	____	$ ____	____ %
f. Housing Inspection	____	$ ____	____ %
g. Payment/Accounting	____	$ ____	____ %
h. Counseling	____	$ ____	____ %
Other (specify)			
i. Exec. Secretary	1	$ 9,288	21 %
j. ____	____	$ ____	____ %

Code this response as follows:

1 (.15) = .15
1 (.15) = .15
1 (.21) = .21
.51

Code

32	33	34	35	36	37
				5	1

Example 2

Position/Function	Number of Positions	Average Salary	% Time to Sect. 8
a. Director	1	$25,000	20 %
b. Deputy Director	1	$21,000	25 %
c. Outreach Coordinator	1	$ 9,202	100 %
d. Tenant Certification	0	$	%
e. Contract Negotiation	0	$	%
f. Housing Inspection	3	$	25 %
g. Payment/Accounting		$	%
h. Counseling		$	%
Other (specify)			
i. Exec. Secretary	1	$	%
j.		$	%

Code this response as follows:

1 (.20) = .20
1 (.25) = .25
1 (1.0) = 1.0
3 (.25) = .75
2.20

Code

32	33	34	35	36	37
			2	2	0

APPENDIX F

DATA COLLECTION FORMS

This Appendix provides a copy of the standard HUD forms, interview guides and mail survey questionnaire used during the study.

ITEM NUMBER	
F-1	HUD-5041C - SECTION 8 HOUSING ASSISTANCE PAYMENTS PROGRAM ACC/HAP CONTRACT LIST
F-2	HUD-52595 - LOW RENT HOUSING PROGRAM BALANCE SHEET
F-3	HUD-52681 - VOUCHER FOR PAYMENTS OF ANNUAL CONTRIBUTIONS HOUSING ASSISTANCE PAYMENTS PROGRAMS
F-4	HUD-52682 - OPERATING STATEMENT HOUSING ASSISTANCE PAYMENTS PROGRAM
F-5	Regional Inspector General and Regional Accounting Division Staff Interview Guides
F-6	Questionnaire on Section 8 Existing Housing Program Administration

THIS PAGE REPRESENTS THE FOLLOWING MATERIAL WHICH IS ILLEGIBLE:

Appendix F - Exhibit 1

HUD-5041C Section 8 Housing Assistance Payments Program Acc/HAP Contract List.

THIS PAGE REPRESENTS THE FOLLOWING MATERIAL WHICH IS ILLEGIBLE:

Appendix F - Exhibit 2

HUD-52595 Low Rent Housing Program Balance Sheet

THIS PAGE REPRESENTS THE FOLLOWING MATERIAL WHICH IS ILLEGIBLE:

Appendix F - Exhibit 2 (continued)

HUD-52595 Low Rent Housing Program Balance Sheet (Continued)

THIS PAGE REPRESENTS THE FOLLOWING MATERIAL WHICH IS ILLEGIBLE:

Appendix F - Exhibit 3

HUD-52681 Voucher for Payments of Annual Contributions Housing Assistance Payments Programs

THIS PAGE REPRESENTS THE FOLLOWING MATERIAL WHICH IS ILLEGIBLE:

Appendix F - Exhibit 4

HUD 52682 Operating Statement Housing Assistance Payments Program

Regional Inspector General and Regional
Accounting Division Staff Interview Guides

II. QUESTIONS FOR HUD AUDITOR's

First, summarize the purpose and scope of the survey for the individual to be interviewed.

1. In your reviews of PHA Section 8 (Existing) financial records, to what extent did you find evidence of PHAs improperly attributing on-going administrative expenses to the Section 8 preliminary cost category?

2. To what extent did you find PHAs attributing non-Section 8 expenses to the Section 8 (Existing) Program? (For example, salaries of staff not involved in Section 8 Program Administration)

3. What are the most frequent audit findings cited by your IPAs in reviews of the Section 8 (Existing) Program.

4. Have PHAs been found to be improperly attributing expenses between line items in their Operating Statement (HUD 52682)? If so, for what reason caused them to do this?

5. Are there any other aspects of PHA financial reporting and record-keeping under the Section 8 (Existing) Program, which the study should consider in examining the costs reported by the PHAs or in developing alternative reimbursement methods?

INTERVIEW WITH _____

INTERVIEWER _____ C&L OFFICE _____ DATE _____

PLEASE RETURN TO:

Division of Housing Assistance Research
Office of Policy Development and Research
Department of Housing and Urban Development
451 - Seventh Street, N.W. Room 8136
Washington, D.C. 20410

QUESTIONNAIRE ON SECTION 8 EXISTING HOUSING PROGRAM ADMINISTRATION

PHA: _____

ADDRESS: _____

_____

PERSON COMPLETING THIS FORM: _____

POSITION: _____

PHONE NUMBER: _____

PROGRAM QUESTIONS APPLY TO SECTION 8 - EXISTING HOUSING ONLY

1. What kind of title best describes your agency? (Circle one)

   1. Local Housing Authority
   2. Local Redevelopment Agency
   3. Combined Local Housing and Redevelopment Agency
   4. Local Governing Body -- Department or Office
   5. Regional Planning Agency
   6. Social Service/Public Interest Agency
   7. State Housing Agency
   8. Other (Specify) _____

2. What year was your PHA founded? _____

3. Which of the following types of areas are included in your Agency's jurisdiction for Section 8 Existing Housing? Does this jurisdiction include: (Circle all that apply)

		Yes
a.	Open country, small housing cluster	1
b.	A town under 20,000	1
c.	A small city/town (20,000 - 50,000)	1
d.	Suburbs of a small city/town (under 50,000)	1
e.	A medium city/town (50,000 - 250,000)	1
f.	Suburbs of a medium city/town (50,000 - 250,000)	1
g.	Suburbs of a large city (over 250,000)	1
h.	A large city (over 250,000)	1

4. Approximately what is the current population of your agency's Section 8 jurisdiction: _____ ENTER POPULATION

5. Is your agency currently administering any housing programs other than Section 8 Existing?

Yes	No
1	2

If NO, go to question 7.
If YES, please answer question 6.

6. Excluding Section 8 Existing, what is the total number of housing units under management by your agency? _____ ENTER NUMBER

7. What is the current rental housing vacancy rate in the PHA service area for low - moderate income housing (i.e., comparable to Section 8 quality)?

_____%

8. Did you receive more or less than $275 per unit in preliminary fees for your most recent project?

   1 = More than

   2 = Less than

   3 = No

   If NO, go to question 10.

9. What was the reason for receiving a preliminary fee of more or less than $275 ?

   _____

   _____

10. For the 12 month period ending with the most recently completed PHA fiscal year please provide the following information for the Section 8 - Existing program: (Please use exact figures where possible; give estimates if necessary.)

    a. How many applications were reviewed for eligibility for Section 8 - Existing Housing? (Does not include recertifications)

       _____

    b. Of these, how many applicants were determined eligible for the program? _____

    c. Of those determined eligible, how many applicants were given certificates? _____

    d. Of those given certificates, how many became program recipients?

       _____

    e. Of those who became recipients, how many remained in the unit they initially occupied? _____

    f. How many total recipients left the program? _____

    g. How many total program recipients moved from one Section 8 Existing Unit to another? _____

11. For the same 12 month period used in Question 10 please provide the following information for the Section 8 - Existing program:

    a. Number of initial inspections made of new units _____

    b. Number of new units found unacceptable initially _____

    c. Number of reinspections made of new units _____

    d. Number of annual reinspections _____

12. Which of the following Housing Quality Standards does your Agency use for its inspection of Section 8 - Existing units? Circle only one.

	Yes
a. HUD Acceptability Criteria without modifications	1
b. HUD Acceptability Criteria with additional criteria	1
c. Your state code	1
d. A local code (municipality or county)	1
e. Other (Specify) _____	1

13. Have you been granted any waivers to program criteria or prevailing codes?

Yes	No
1	2

14. Please indicate the number of staff, average salary and percentage of time charged to Section 8 - Existing program administration for the following positions (or their equivalents). If this information is available on the Operating Budget Schedule of all Positions and Salaries (HUD Form 52566), please submit a copy in lieu of entering the data in this question.

Position/Function	Number of Positions	Average Salary	% Time to Section 8
a. Director	_____	$ _____	_____ %
b. Deputy Director	_____	$ _____	_____ %
c. Outreach Coordinator	_____	$ _____	_____ %
d. Tenant Certification	_____	$ _____	_____ %
e. Contract Negotiation	_____	$ _____	_____ %
f. Housing Inspection	_____	$ _____	_____ %
g. Payment/Accounting	_____	$ _____	_____ %
h. Counseling	_____	$ _____	_____ %
Other (Specify)			
i. _____	_____	$ _____	_____ %
j. _____	_____	$ _____	_____ %

15. Are any CETA-funded personnel assigned to administrative functions in the Section 8 - Existing program?

Yes	No
1	2

If NO, go to question 17.

16. Please provide the following data if CETA-funded personnel are assigned to Section 8 - Existing program.

    a. Number of employees _____

    b. Average percentage of time charged to Section 8 _____%

    c. Total annual cost to Section 8 program $_____

17. What percentage of your staff time do you spend in the following functions? (Please estimate to the nearest 5%)

    a. Landlord outreach _____

    b. Tenant outreach _____

    c. Eligibility determination (application and verification) _____

    d. Initial contract/lease negotiation _____

    e. Housing inspections _____

    f. Recertification/contract renewals _____

    g. General services to Section 8 tenants _____

    h. Other _____

18. How much is paid yearly for services obtained through contracts or other agency reimbursements (total for all units)?

    Housing Inspections $_____

    Income Verification $_____

    Outreach $_____

    Other (Specify) _____ $_____

    TOTAL FOR ALL UNITS $_____

19. What services are provided by public or other agencies at no cost to the PHA for the Section 8 - Existing Housing Program? (e.g., housing inspections, office space)

	Agency	Service	Dollar Value
a.	_____	_____	_____
b.	_____	_____	_____
c.	_____	_____	_____

20. How are administrative support services (e.g., accounting, data processing) provided by the PHA charged to the Section 8 - Existing program? (CHECK ONE)

a. Direct Charge System _____

b. Allocated based upon Section 8 percentage of total PHA budget _____

c. Allocated on some other basis _____

21. Who determines the budget level (not the administrative fee revenue estimate) for the Section 8 program at your PHA?

a. Section 8 management _____

b. PHA management, if other than Section 8 personnel _____

22. Is your program payment system automated?

Yes	No
1	2

23. Is your program accounting system automated?

Yes	No
1	2

24. Do you have any suggestions on how the administrative fee structure (currently 8 1/2% of 2-BR FMR) might be revised to be more consistent with the costs and requirements of program administration? (Use additional pages if necessary)

APPENDIX G
COMMENTS OF HUD
REPORTING PROCEDURES

In the main body of the report (Volume I - Chapter II) we referred to difficulties that were encountered in extracting information from the HUD reports relied on in this study. These comments were directed primarily at the three HUD reports which were the major sources of information to the study:

- HUD 52681 - Voucher for Payment for Annual Contributions
- HUD 52682 - Operating Statement
- HUD 5041C - ACC/HAP Contracts List

We recognize that these documents were designed to serve program administration needs and cannot be criticized for being unsuitable for providing research data. However, in collecting these reports and extracting information for them we encountered several conditions which might be revised to improve the efficiency of Section 8 program reporting.

Our experience in working with the reports completed by PHAs indicates the format of the forms, and particularly the clarity of the instructions accompanying the forms might be improved. In our sample, approximately 40% of the forms contained one or more of the following errors:

- missing entries
- incorrect totals
- reversal of sign on balances

The frequency of errors suggests that the forms are too complex for typical program accounting personnel, or they are not following directions, or both. One source of difficulty seems to be the level of detail required for cost information. Detailed

cost information unless reviewed or analyzed in some meaningful way only creates a false sense of security in the accuracy of the amounts should. If the PHAs are required to report by major expense and income account then it should be possible to demonstrate the value of requiring information at this level of detail. For example, what does it represent? How is it used? What decisions are based on information? As best we could determine there is no use made by HUD of the detailed administrative cost information required currently of PHAs. In fact, to use the information provided in any meaningful way, it would be necessary to reaggregate it, e.g. sum all expenses to determine the ratios of salary expenses to administrative expenses. While we would not suggest pressing that type at analysis to far, it at least provides some basis of comparison among PHAs. With the level of detail provided by the existing Operating Statement it is possible to examine the relationship of salary expenses to any other specific expense category. However, it is not clear what value there is to such an analysis.

The presence of preliminary expenses also reduces the value of any analysis of administrative expenses. For example, if preliminary expenses are reported in the Operating Statement any analysis of administrative expenses will be distorted by the administrative expenses included in that account. Expenses included in preliminary expenses are not identifiable separately for use in any meaningful analysis. All of this suggests that the cost detail required in the Operating Statement could be reduced.

We recommend that the format of the Operating Statement be simplified reducing the report to the following line items.

- 010 through 070
- 080 through 100
- 130 and 140
- 150 and 210

- 270 and 280
- 290 through 310
- 320 through 410

Streamlining the Operating Statement in this manner does not affect its usefulness in providing back-up for the Voucher for Payment (HUD Form 52681), if in fact it is used for that purpose. Our experience in collecting the HUD reports used in this study at the Regional Office level was that in many instances the Operating Statement was either not forwarded by the Area Office with the Voucher for Payment, or not maintained on file by the Regional Office. The large number of instances in which the Operating Statement was not available for a PHA at the Regional Office was fairly conclsive evidence to us that this report is not reviewed at that level.

Based upon our experience in collecting information at both the Regional and Area Office level, we recommend that HUD conduct a review of its file management procedures for the Section 8 - Existing Housing Program. Field personnel from Coopers & Lybrand encountered situations in three Regional Offices where the reports required for this study were stored in boxes and had been awaiting filing for more than a year. In at least one case (Chicago) it was impossible to obtain any reports because of the level of effort that would have been involved in sorting through and finding the required forms. This experience suggests that the Regional Offices are serving more as a file storage center for the Section 8 reports rather than providing any management assistance in the financial aspects of the program.

We recommend that only the Voucher for Payment be forwarded to the Regional Office after it is reviewed by the Area Office. Other than retaining the Voucher on file for three years, and in temporary storage for four additional years, the Regional Office should not be responsible for maintaining any other Section 8 - Existing Housing program administration cost reports.

APPENDIX H

Analysis of Responses to Questionnaire Item No. 24 Request for PHA Comments and Recommendations on Current Fee Structure

Background

The Questionnaire on Section 8 Existing Housing Program Administration was developed in consultation with the Department of Housing and Urban Development (HUD). Before the questionnaire was approved by OMB for mail distribution to all PHAs in the sample, it was reviewed by Department personnel from the Office of Public Housing, Regional Offices and the Office of the Inspector General. A pre-test was conducted with the participation of seven randomly selected PHAs to determine the accessibility and availability of the information requested. NAHRO also submitted an evaluation of the questionnaire. The final draft was revised and edited to reflect the recommendations made during these reviews.

Data requested on the questionnaire was common to all PHAs. Operating data required of the PHA were routine statistics currently maintained by the agency for its own management and accounting purposes. It was estimated that the questionnaire took approximately two-person hours to complete. About 1.5 hours of clerical time was required to research and compile the data needed relating to key operating statistics. The rest of the questionnaire was estimated to take approximately 30 minutes (excluding the four questions involving operating or cost statistics). PHA size should not have affected its ability to retrieve and report the data.

Questionnaires were mailed on November 14, 1979. A second request for participation was sent to all PHAs failing to respond to the first mailing. Over 73% of PHAs ultimately submitted questionnaires.

Analysis of PHA Comments on Current Fee Structure

The following discussion presents a compilation and analysis of major responses to Questionnaire Item Number 24: "Do you have any suggestions on how the administrative fee structure (currently 8-1/2% of 2-BR FMR) might be revised to be more consistent with the costs and requirements of program administration?"

- Out of the total 170 responses, 128 suggested that the administrative fee structure be changed in some manner. While the suggestions made, the reasons for advising changes and the mechanisms to be changed vary greatly, all are suggesting that funding be increased or made more equitable.

- Out of the total 170 housing authorities responding to question 24, thirty-four indicated that the present administrative fee structure was adequate and consistent with the costs of Section 8 program administration. Twenty-two respondents said that the present fee structure was adequate without reservations, however fifteen said the fee was consistent with costs only under certain conditions. Three responses indicated that the fees obtained were sufficient at the present time, but due to increasing costs, fear that they won't be in the future. One respondent suggested that the administrative fee be raised to 9% in anticipation of the inflation rate increase during 80-81 fiscal year. Three responses stated that the fees were adequate for the administration of small programs while conversely, three respondents stated that while the fee structure was adequate for these programs, it would be inadequate for smaller programs. The fee structure was cited as being adequate by two respondents while criticizing the fee structure for Section 8-New construction as inadequate. While the administrative fee structure was deemed sufficient by three respondents, one stated that it would be inadequate if they were only operating a Section 8 program and two others stated that it would be inadequate if they weren't receiving service for free. The issue of other housing programs subsidizing Section 8 program costs will be covered later. A recent increase in one housing authority's FMR was the reason given for considering the current fee structure consistent with program costs. That respondent felt however that "areas with lower FMRs may have difficulty making ends meet."

- Another respondent stated that the fee structure was sufficient only when there is a constant allocation of new units to the program. This housing authority indicated that it had difficulty maintaining the present staff levels between allocations.

- Of the 128 responses making suggestions on question 24, twenty-nine had one or more comments concerning the current use of the FMR in determining the amount of administrative fee. Many felt that the utilization of the FMR needed revision.

- Eight respondents saw the utilization of FMRs as a basis for computing the administrative fee as inequitable because FMRs differ. One housing authority pointed out that "Authorities very near each other might have a substantially different administrative fee due to different FMRs but yet similar administrative costs." Another housing authority thought that the use of the 2-bedroom FMR

was particularly inequitable to small housing authorities. Ten respondents felt the FMRs in their areas were too low. One housing authority said that "the fact that a community has low FMRs does not necessarily mean that administrative expenses are less, or that the program is less demanding than one administered by a community with a higher FMR."

- One hundred and eleven respondents stated that the monies received under the current fee structure were insufficient for Section 8 program administration. Nine respondents stated that if Section 8 costs were not being subsidized by other agencies or housing program budgets, or if they were not receiving substantial services free of charge, that they would be unable to administer the program. Eight-six respondents made one or more suggestions as to how the Section 8 administrative fee structure might be revised. Twenty-five respondents made no specific suggestions concerning the fee structure revision but stated that they considered the current fee structure inadequate as it did not provide enough funding to provide complete services.

- Many of the suggestions made in response to question 24 involved increasing the percent of the 2-bedroom FMR from the current rate of 8-1/2%. Some respondents suggested calculating administrative fees by applying different percents for different size housing authorities (i.e., 9-1/2% of two bedroom FMR for 100 units or less, 9% of two bedroom FMR for 101-200 units, etc.). Those respondents suggesting an increase in the percentage used in administrative fee calculation, regardless of the housing authority size, recommended:

Percent Specified as replacement for the current rate of 8½%	No. of Respondents reqesting a specific percent
9-1/2% - 9-3/4%	1
10%	13
10-1/2% - 11%	1
12%	3
15%	1
17%	1
25%	1* (*and eliminating preliminary fee)

- One respondent suggested that housing authorities receive 90% of the initial preliminary fee.

- Others suggested increasing the minimum administrative fee; one respondent suggested providing $18

per unit per month, and two requested $20 per unit per month.

- Three respondents suggested abolishing the current fee structure and proposed providing a flat fee nationwide without specifying the amount.

- Four respondents suggested that each housing authority be allowed to develop its budget subject to HUD approval. The administrative fees received would be the result of the approved budget.

- Three respondents suggested the "development of some funding form that reflects actual program costs." One of these 3 specified a direct charge/ direct payment system.

- Two suggestions were made that requested additional monies under certain specific circumstances. One respondent suggested that a fee of $200.00 be paid to the housing authority whenever an owner does not renew or a tenant moves to a new unit. This same respondent also suggested that $50.00 per unit (up to 10 units) should be paid to the housing authority when property changes ownership.

- Four respondents suggested that the administrative fee be paid to the housing authority on the number of units allocated rather than the number leased. One respondent felt they should receive remuneration whenever there is a move-out.

- One respondent suggested allowing the housing authority to charge lease-up costs throughout the first year of operation. Many respondents discussed turnover and the costs associated with it but suggested increasing the formula percentage instead of the above suggestions. Turnover costs are discussed more fully later in the text.

One respondent specifically requested that the 8-1/2% not be reduced in the future.

Eight respondents desired to see the Section 8 administrative fee structure be "more flexible." The respondents felt that more monies should be made available to certain housing authorities and that the following factors should be taken into consideration when determining the amount of monies allocated:

- Geographical area - rural, sparse population, high costs area

- Labor costs

- Number of housing owners versus recipients
- Turnover
- Vacancy rate
- Inflation
- Number of units managed
- Paperwork
- Amount of services provided to the Housing Authority for free - already mentioned

Two major factors which were mentioned consistently as affecting the amount of monies required to administer a comprehensive Section 8-E program were:

- Size of housing authority and number of units under management
- Size of service area

Eighteen respondents felt that "small" PHAs should receive more monies than "larger" PHAs although the respondents disagreed as to how many units constituted a "small" PHA. Eleven suggestions were made requesting that the fee structure calculation in some way depend on the number of units a housing authority manages. Some of these comments suggested allocating monies on a sliding scale with "small" housing authorities receiving a larger percent of the two bedroom FMR than larger PHAs. Others suggested the institution of a flat administrative fee per unit, again on a sliding scale allowing adequate fees for smaller housing authorities. A general consensus of comments was that the administrative fee structure, as it exists, does not cover the costs of small Section 8 programs and precludes the proper administration of these programs.

The size of a housing authority's service area was another factor cited as affecting the amount of funding needed to cover Section 8 program costs. Rural housing authorities or housing authorities with decentralized, single family housing stated that the monies they are currently receiving are insufficient to administer the program. Eighteen respondents stated that they were dissatisfied with the current administrative fee structure due to this factor. Due to the considerable travel costs and personnel time, these housing authorities requested that they receive either an increased percentage of the two bedroom FMR, reimbursement for actual travel and inspection costs or some supplementary monies.

SPSS FOR OS/360, VERSION M, RELEASE 7.0, MARCH, 1977

DEFAULT SPACE ALLOCATION.. ALLOWS FOR.. 128 TRANSFORMATIONS
WORKSPACE 89600 BYTES 512 RECODE VALUES + LAG VARIABLES
TRANSPACE 12800 BYTES 2048 IF/COMPUTE OPERATIONS

VARIABLE LIST VAR1 TO VAR150 VARA VARB VARC VARD VAR151 VAR152
VAR160 TO VA9322
INPUT MEDIUM DISK
N OF CASES UNKNOWN
INPUT FORMAT FIXED(F2.0,2F3.0,F6.0,4(3F4.0,F3.0),4X,F2.0/
F2.0,F3.0,9X,3(3F4.0,F3.0),F2.0,3F6.0,F1.0/
F2.0,F3.0,F2.0,2F6.0,2F5.0,
F1.0,F5.0,3F8.0,F9.0,F8.0,3X,
F1.0/F2.0,F3.0,8X,
F8.0,F7.0,F6.0,F7.0,2F6.0,F8.0,
F5.0,F8.0,5X,F1.0/F2.0,F3.0,8X,F6.0,
2F8.0,F6.0,4F8.0,6X,F1.0/F2.0,F3.0,
8X,F6.0,F7.0,53X,F1.0/
F2.0,F3.0,F2.0,F6.0,2F5.0,
F6.0,5F5.0,2F8.0,9X,F1.0/F2.0,F3.0,
8X,F8.0,4F6.0,F8.0,F7.0,F6.0,F5.0,8X,F1.0/
F2.0,F3.0,8X,3F5.0,F6.0,F7.0,3F5.0,F6.0,
F5.0,F6.0,6X,F1.0/F2.0,F3.0,8X,F7.0,F6.0,
3F7.0,F6.0,F7.0,2F6.0,6X,F2.0/F2.0,
F3.0,8X,3F6.0,F7.0,F6.0,34X,F2.0/
F2.0,2F3.0,3F4.0,F6.0,F5.0,F4.0,F1.0,41X,F1.0,F2.0/
F2.0,F3.0,F1.0,F2.0,8F1.0,F7.0,F1.0,
F6.0,3F1.0,7F6.0,3X,F2.0/F2.0,F3.0,4F6.0,
2F1.0,F6.2,F1.0,2F3.0,F7.0,8F3.0,3X,F2.0/
F2.0,F3.0,5F7.0,F2.0,F7.0,4F1.0,3F2.0,
19X,F2.0/2F3.0,4X,F5.0,12F4.0,5X,F6.0,F4.0,F2.0/
2F3.0,18F4.1,F2.0/2F3.0,18F4.1,F2.0/
2F3.0,18F4.1,F2.0/2F3.0,14F4.1,16X,F2.0)

ACCORDING TO YOUR INPUT FORMAT, VARIABLES ARE TO BE READ AS FOLLOWS

VARIABLE	FORMAT	RECORD	COLUMNS
VAR1	F 2. 0	1	1- 2
VAR2	F 3. 0	1	3- 5
VAR3	F 3. 0	1	6- 8
VAR4	F 6. 0	1	9- 14
VAR5	F 4. 0	1	15- 18
VAR6	F 4. 0	1	19- 22
VAR7	F 4. 0	1	23- 26
VAR8	F 3. 0	1	27- 29

ACCORDING TO YOUR INPUT FORMAT, VARIABLES ARE TO BE READ AS FOLLOWS

VARIABLE	FORMAT	RECORD	COLUMNS
VAR9	F 4. 0	1	30- 33
VAR10	F 4. 0	1	34- 37
VAR11	F 4. 0	1	38- 41
VAR12	F 3. 0	1	42- 44
VAR13	F 4. 0	1	45- 48
VAR14	F 4. 0	1	49- 52
VAR15	F 4. 0	1	53- 56
VAR16	F 3. 0	1	57- 59
VAR17	F 4. 0	1	60- 63
VAR18	F 4. 0	1	64- 67
VAR19	F 4. 0	1	68- 71
VAR20	F 3. 0	1	72- 74
VAR21	F 2. 0	1	79- 80
VAR22	F 2. 0	2	1- 2
VAR23	F 3. 0	2	3- 5
VAR24	F 4. 0	2	15- 18
VAR25	F 4. 0	2	19- 22
VAR26	F 4. 0	2	23- 26
VAR27	F 3. 0	2	27- 29
VAR28	F 4. 0	2	30- 33
VAR29	F 4. 0	2	34- 37
VAR30	F 4. 0	2	38- 41
VAR31	F 3. 0	2	42- 44
VAR32	F 4. 0	2	45- 48
VAR33	F 4. 0	2	49- 52
VAR34	F 4. 0	2	53- 56
VAR35	F 3. 0	2	57- 59
VAR36	F 2. 0	2	60- 61
VAR37	F 6. 0	2	62- 67
VAR38	F 6. 0	2	68- 73
VAR39	F 6. 0	2	74- 79
VAR40	F 1. 0	2	80- 80
VAR41	F 2. 0	3	1- 2
VAR42	F 3. 0	3	3- 5
VAR43	F 2. 0	3	6- 7
VAR44	F 6. 0	3	8- 13
VAR45	F 6. 0	3	14- 19
VAR46	F 5. 0	3	20- 24
VAR47	F 5. 0	3	25- 29
VAR48	F 1. 0	3	30- 30
VAR49	F 5. 0	3	31- 35
VAR50	F 8. 0	3	36- 43

ACCORDING TO YOUR INPUT FORMAT, VARIABLES ARE TO BE READ AS FOLLOWS

VARIABLE	FORMAT	RECORD	COLUMNS
VAR51	F 8. 0	3	44- 51
VAR52	F 8. 0	3	52- 59
VAR53	F 9. 0	3	60- 68
VAR54	F 8. 0	3	69- 76
VAR55	F 1. 0	3	80- 80
VAR56	F 2. 0	4	1- 2
VAR57	F 3. 0	4	3- 5
VAR58	F 8. 0	4	14- 21
VAR59	F 7. 0	4	22- 28
VAR60	F 6. 0	4	29- 34
VAR61	F 7. 0	4	35- 41
VAR62	F 6. 0	4	42- 47
VAR63	F 6. 0	4	48- 53
VAR64	F 8. 0	4	54- 61
VAR65	F 5. 0	4	62- 66
VAR66	F 8. 0	4	67- 74
VAR67	F 1. 0	4	80- 80
VAR68	F 2. 0	5	1- 2
VAR69	F 3. 0	5	3- 5
VAR70	F 6. 0	5	14- 19
VAR71	F 8. 0	5	20- 27
VAR72	F 8. 0	5	28- 35
VAR73	F 6. 0	5	36- 41
VAR74	F 8. 0	5	42- 49
VAR75	F 8. 0	5	50- 57
VAR76	F 8. 0	5	58- 65
VAR77	F 8. 0	5	66- 73
VAR78	F 1. 0	5	80- 80
VAR79	F 2. 0	6	1- 2
VAR80	F 3. 0	6	3- 5
VAR81	F 6. 0	6	14- 19
VAR82	F 7. 0	6	20- 26
VAR83	F 1. 0	6	80- 80
VAR84	F 2. 0	7	1- 2
VAR85	F 3. 0	7	3- 5
VAR86	F 2. 0	7	6- 7
VAR87	F 6. 0	7	8- 13
VAR88	F 5. 0	7	14- 18
VAR89	F 5. 0	7	19- 23
VAR90	F 6. 0	7	24- 29
VAR91	F 5. 0	7	30- 34
VAR92	F 5. 0	7	35- 39

ACCORDING TO YOUR INPUT FORMAT, VARIABLES ARE TO BE READ AS FOLLOWS

VARIABLE	FORMAT	RECORD	COLUMNS
VAR93	F 5. 0	7	40- 44
VAR94	F 5. 0	7	45- 49
VAR95	F 5. 0	7	50- 54
VAR96	F 8. 0	7	55- 62
VAR97	F 8. 0	7	63- 70
VAR98	F 1. 0	7	80- 80
VAR99	F 2. 0	8	1- 2
VAR100	F 3. 0	8	3- 5
VAR101	F 8. 0	8	14- 21
VAR102	F 6. 0	8	22- 27
VAR103	F 6. 0	8	28- 33
VAR104	F 6. 0	8	34- 39
VAR105	F 6. 0	8	40- 45
VAR106	F 8. 0	8	46- 53
VAR107	F 7. 0	8	54- 60
VAR108	F 6. 0	8	61- 66
VAR109	F 5. 0	8	67- 71
VAR110	F 1. 0	8	80- 80
VAR111	F 2. 0	9	1- 2
VAR112	F 3. 0	9	3- 5
VAR113	F 5. 0	9	14- 18
VAR114	F 5. 0	9	19- 23
VAR115	F 5. 0	9	24- 28
VAR116	F 6. 0	9	29- 34
VAR117	F 7. 0	9	35- 41
VAR118	F 5. 0	9	42- 46
VAR119	F 5. 0	9	47- 51
VAR120	F 5. 0	9	52- 56
VAR121	F 6. 0	9	57- 62
VAR122	F 5. 0	9	63- 67
VAR123	F 6. 0	9	68- 73
VAR124	F 1. 0	9	80- 80
VAR125	F 2. 0	10	1- 2
VAR126	F 3. 0	10	3- 5
VAR127	F 7. 0	10	14- 20
VAR128	F 6. 0	10	21- 26
VAR129	F 7. 0	10	27- 33
VAR130	F 7. 0	10	34- 40
VAR131	F 7. 0	10	41- 47
VAR132	F 6. 0	10	48- 53
VAR133	F 7. 0	10	54- 60
VAR134	F 6. 0	10	61- 66

ACCORDING TO YOUR INPUT FORMAT, VARIABLES ARE TO BE READ AS FOLLOWS

VARIABLE	FORMAT	RECORD	COLUMNS
VAR135	F 6. 0	10	67- 72
VAR136	F 2. 0	10	79- 80
VAR137	F 2. 0	11	1- 2
VAR138	F 3. 0	11	3- 5
VAR139	F 6. 0	11	14- 19
VAR140	F 6. 0	11	20- 25
VAR141	F 6. 0	11	26- 31
VAR142	F 7. 0	11	32- 38
VAR143	F 6. 0	11	39- 44
VAR144	F 2. 0	11	79- 80
VAR145	F 2. 0	12	1- 2
VAR146	F 3. 0	12	3- 5
VAR147	F 3. 0	12	6- 8
VAR148	F 4. 0	12	9- 12
VAR149	F 4. 0	12	13- 16
VAR150	F 4. 0	12	17- 20
VARA	F 6. 0	12	21- 26
VARB	F 5. 0	12	27- 31
VARC	F 4. 0	12	32- 35
VARD	F 1. 0	12	36- 36
VAR151	F 1. 0	12	78- 78
VAR152	F 2. 0	12	79- 80
VAR160	F 2. 0	13	1- 2
VAR161	F 3. 0	13	3- 5
VAR162	F 1. 0	13	6- 6
VAR163	F 2. 0	13	7- 8
VAR164	F 1. 0	13	9- 9
VAR165	F 1. 0	13	10- 10
VAR166	F 1. 0	13	11- 11
VAR167	F 1. 0	13	12- 12
VAR168	F 1. 0	13	13- 13
VAR169	F 1. 0	13	14- 14
VAR170	F 1. 0	13	15- 15
VAR171	F 1. 0	13	16- 16
VAR172	F 7. 0	13	17- 23
VAR173	F 1. 0	13	24- 24
VAR174	F 6. 0	13	25- 30
VAR175	F 1. 0	13	31- 31
VAR176	F 1. 0	13	32- 32
VAR177	F 1. 0	13	33- 33
VAR178	F 6. 0	13	34- 39
VAR179	F 6. 0	13	40- 45

ACCORDING TO YOUR INPUT FORMAT, VARIABLES ARE TO BE READ AS FOLLOWS

VARIABLE	FORMAT	RECORD	COLUMNS
VAR180	F 6. 0	13	46- 51
VAR181	F 6. 0	13	52- 57
VAR182	F 6. 0	13	58- 63
VAR183	F 6. 0	13	64- 69
VAR184	F 6. 0	13	70- 75
VAR185	F 2. 0	13	79- 80
VAR186	F 2. 0	14	1- 2
VAR187	F 3. 0	14	3- 5
VAR188	F 6. 0	14	6- 11
VAR189	F 6. 0	14	12- 17
VAR190	F 6. 0	14	18- 23
VAR191	F 6. 0	14	24- 29
VAR192	F 1. 0	14	30- 30
VAR193	F 1. 0	14	31- 31
VAR194	F 6. 2	14	32- 37
VAR195	F 1. 0	14	38- 38
VAR196	F 3. 0	14	39- 41
VAR197	F 3. 0	14	42- 44
VAR198	F 7. 0	14	45- 51
VAR199	F 3. 0	14	52- 54
VAR200	F 3. 0	14	55- 57
VAR201	F 3. 0	14	58- 60
VAR202	F 3. 0	14	61- 63
VAR203	F 3. 0	14	64- 66
VAR204	F 3. 0	14	67- 69
VAR205	F 3. 0	14	70- 72
VAR206	F 3. 0	14	73- 75
VAR207	F 2. 0	14	79- 80
VAR208	F 2. 0	15	1- 2
VAR209	F 3. 0	15	3- 5
VAR210	F 7. 0	15	6- 12
VAR211	F 7. 0	15	13- 19
VAR212	F 7. 0	15	20- 26
VAR213	F 7. 0	15	27- 33
VAR214	F 7. 0	15	34- 40
VAR215	F 2. 0	15	41- 42
VAR216	F 7. 0	15	43- 49
VAR217	F 1. 0	15	50- 50
VAR218	F 1. 0	15	51- 51
VAR219	F 1. 0	15	52- 52
VAR220	F 1. 0	15	53- 53
VAR221	F 2. 0	15	54- 55

ACCORDING TO YOUR INPUT FORMAT, VARIABLES ARE TO BE READ AS FOLLOWS

VARIABLE	FORMAT	RECORD	COLUMNS
VAR222	F 2. 0	15	56- 57
VAR223	F 2. 0	15	58- 59
VAR224	F 2. 0	15	79- 80
VAR225	F 3. 0	16	1- 3
VAR226	F 3. 0	16	4- 6
VAR227	F 5. 0	16	11- 15
VAR228	F 4. 0	16	16- 19
VAR229	F 4. 0	16	20- 23
VAR230	F 4. 0	16	24- 27
VAR231	F 4. 0	16	28- 31
VAR232	F 4. 0	16	32- 35
VAR233	F 4. 0	16	36- 39
VAR234	F 4. 0	16	40- 43
VAR235	F 4. 0	16	44- 47
VAR236	F 4. 0	16	48- 51
VAR237	F 4. 0	16	52- 55
VAR238	F 4. 0	16	56- 59
VAR239	F 4. 0	16	60- 63
VAR240	F 6. 0	16	69- 74
VAR241	F 4. 0	16	75- 78
VAR242	F 2. 0	16	79- 80
VAR243	F 3. 0	17	1- 3
VAR244	F 3. 0	17	4- 6
VAR245	F 4. 1	17	7- 10
VAR246	F 4. 1	17	11- 14
VAR247	F 4. 1	17	15- 18
VAR248	F 4. 1	17	19- 22
VAR249	F 4. 1	17	23- 26
VAR250	F 4. 1	17	27- 30
VAR251	F 4. 1	17	31- 34
VAR252	F 4. 1	17	35- 38
VAR253	F 4. 1	17	39- 42
VAR254	F 4. 1	17	43- 46
VAR255	F 4. 1	17	47- 50
VAR256	F 4. 1	17	51- 54
VAR257	F 4. 1	17	55- 58
VAR258	F 4. 1	17	59- 62
VAR259	F 4. 1	17	63- 66
VAR260	F 4. 1	17	67- 70
VAR261	F 4. 1	17	71- 74
VAR262	F 4. 1	17	75- 78
VAR263	F 2. 0	17	79- 80

ACCORDING TO YOUR INPUT FORMAT, VARIABLES ARE TO BE READ AS FOLLOWS

VARIABLE	FORMAT	RECORD	COLUMNS
VAR264	F 3. 0	18	1- 3
VAR265	F 3. 0	18	4- 6
VAR266	F 4. 1	18	7- 10
VAR267	F 4. 1	18	11- 14
VAR268	F 4. 1	18	15- 18
VAR269	F 4. 1	18	19- 22
VAR270	F 4. 1	18	23- 26
VAR271	F 4. 1	18	27- 30
VAR272	F 4. 1	18	31- 34
VAR273	F 4. 1	18	35- 38
VAR274	F 4. 1	18	39- 42
VAR275	F 4. 1	18	43- 46
VAR276	F 4. 1	18	47- 50
VAR277	F 4. 1	18	51- 54
VAR278	F 4. 1	18	55- 58
VAR279	F 4. 1	18	59- 62
VAR280	F 4. 1	18	63- 66
VAR281	F 4. 1	18	67- 70
VAR282	F 4. 1	18	71- 74
VAR283	F 4. 1	18	75- 78
VAR284	F 2. 0	18	79- 80
VAR285	F 3. 0	19	1- 3
VAR286	F 3. 0	19	4- 6
VAR287	F 4. 1	19	7- 10
VAR288	F 4. 1	19	11- 14
VAR289	F 4. 1	19	15- 18
VAR290	F 4. 1	19	19- 22
VAR291	F 4. 1	19	23- 26
VAR292	F 4. 1	19	27- 30
VAR293	F 4. 1	19	31- 34
VAR294	F 4. 1	19	35- 38
VAR295	F 4. 1	19	39- 42
VAR296	F 4. 1	19	43- 46
VAR297	F 4. 1	19	47- 50
VAR298	F 4. 1	19	51- 54
VAR299	F 4. 1	19	55- 58
VAR300	F 4. 1	19	59- 62
VAR301	F 4. 1	19	63- 66
VAR302	F 4. 1	19	67- 70
VAR303	F 4. 1	19	71- 74
VAR304	F 4. 1	19	75- 78
VAR305	F 2. 0	19	79- 80

ACCORDING TO YOUR INPUT FORMAT, VARIABLES ARE TO BE READ AS FOLLOWS

VARIABLE	FORMAT	RECORD	COLUMNS
VAR306	F 3. 0	20	1- 3
VAR307	F 3. 0	20	4- 6
VAR308	F 4. 1	20	7- 10
VAR309	F 4. 1	20	11- 14
VAR310	F 4. 1	20	15- 18
VAR311	F 4. 1	20	19- 22
VAR312	F 4. 1	20	23- 26
VAR313	F 4. 1	20	27- 30
VAR314	F 4. 1	20	31- 34
VAR315	F 4. 1	20	35- 38
VAR316	F 4. 1	20	39- 42
VAR317	F 4. 1	20	43- 46
VAR318	F 4. 1	20	47- 50
VAR319	F 4. 1	20	51- 54
VAR320	F 4. 1	20	55- 58
VAR321	F 4. 1	20	59- 62
VAR322	F 2. 0	20	79- 80

THE INPUT FORMAT PROVIDES FOR 319 VARIABLES. 319 WILL BE READ
IT PROVIDES FOR 20 RECORDS ('CARDS') PER CASE. A MAXIMUM OF 80 'COLUMNS' ARE USED ON A RECORD.

```
ALLOCATE          TRANSPACE=48000
```

```
SPECIFIED SPACE ALLOCATION..   ALLOWS FOR..   480 TRANSFORMATIONS
WORKSPACE     54400 BYTES                    1920 RECODE VALUES + LAG VARIABLES
TRANSPACE     48000 BYTES                    7680 IF/COMPUTE OPERATIONS
```

```
DO REPEAT         XVAR=VAR5 TO VAR20/
IF                (VAR21 NE 1)XVAR=-99
END REPEAT
```

DO REPEAT REQUIRED 216 BYTES OF WORKSPACE.

```
DO REPEAT         XVAR=VAR24 TO VAR35/
IF                (VAR21 NE 1) XVAR=-99
END REPEAT
```

DO REPEAT REQUIRED 184 BYTES OF WORKSPACE.

```
DO REPEAT         XVAR=VAR37 TO VAR39/
IF                (VAR21 NE 1)XVAR=-99
END REPEAT
```

DO REPEAT REQUIRED 112 BYTES OF WORKSPACE.

```
                RECODE          VAR8 VAR12 VAR16 VAR20 VAR27 VAR31 VAR35
                                VAR37 TO VAR39(0=-99)
                MISSING VALUES  VAR5 TO VAR20 VAR24 TO VAR35 VAR37 TO VAR39(-99)
                DO REPEAT       XVAR=VAR43 TO VAR54/
                IF              (VAR55 NE 3)XVAR=-99
                END REPEAT
```

DO REPEAT REQUIRED 184 BYTES OF WORKSPACE.

```
                DO REPEAT       XVAR=VAR58 TO VAR66/
                IF              (VAR55 NE 3)XVAR=-99
                END REPEAT
```

DO REPEAT REQUIRED 160 BYTES OF WORKSPACE.

```
                DO REPEAT       XVAR=VAR70 TO VAR77/
                IF              (VAR55 NE 3)XVAR=-99
                END REPEAT
```

DO REPEAT REQUIRED 152 BYTES OF WORKSPACE.

```
                DO REPEAT       XVAR=VAR81 TO VAR82/
                IF              (VAR55 NE 3)XVAR=-99
                END REPEAT
```

DO REPEAT REQUIRED 104 BYTES OF WORKSPACE.

```
                RECODE          VAR43(-9=-99)/VAR46 VAR47 VAR49(0=-99)/
                                 VAR59 (LOWEST THRU 0=-99)/VAR60 VAR61
                                 (LOWEST THRU -1=-99)
                MISSING VALUES  VAR43 TO VAR54 VAR58 TO VAR66 VAR70 TO VAR77
                                VAR81 VAR82(-99)
                COMPUTE         VAR52=VAR50+VAR51
                COMPUTE         VAR54=VAR52+VAR53
                COMPUTE         VAR64=VAR58+VAR59+VAR60+VAR61+VAR62+VAR63
                COMPUTE         VAR66=VAR64+VAR65
                COMPUTE         VAR71=VAR66-VAR70
                COMPUTE         VAR72=VAR54-VAR71
                COMPUTE         VAR74=VAR71-VAR73
                COMPUTE         VAR76=VAR72
                COMPUTE         VAR77=VAR76-VAR55
```

```
                    COMPUTE          VR50=VAR50/1000
                    COMPUTE          VR52=VAR52/1000
                    COMPUTE          VR53=VAR53/1000
                    COMPUTE          VR54=VAR54/1000
                    COMPUTE          VR58=VAR58/1000
                    COMPUTE          VR59=VAR59/1000
                    COMPUTE          VR64=VAR64/1000
                    COMPUTE          VR66=VAR66/1000
                    COMPUTE          VR71=VAR71/1000
                    COMPUTE          VR72=VAR72/1000
                    COMPUTE          VR74=VAR74/1000
                    COMPUTE          VR75=VAR75/1000
                    COMPUTE          VR76=VAR76/1000
                    COMPUTE          VR77=VAR77/1000
                    IF               (VAR41 EQ 6 AND VAR42 EQ 000)VAR49=103061
                    IF               (VAR41 EQ 6 AND VAR42 EQ 005)VAR49=113688
                    ASSIGN MISSING    VR50 VR52 VR53 VR54 VR58
                                      VR59 VR64 VR66 VR71 VR72 VR74 TO VR77(-99)
                    DO REPEAT         XVAR=VAR87 TO VAR97/
                    IF                (VAR98 NE 7)XVAR=-99
                    END REPEAT

DO REPEAT REQUIRED    176 BYTES OF WORKSPACE.


                    DO REPEAT         XVAR=VAR101 TO VAR109/
                    IF                (VAR98 NE 7)XVAR=-99
                    END REPEAT

DO REPEAT REQUIRED    160 BYTES OF WORKSPACE.


                    DO REPEAT         XVAR=VAR113 TO VAR123/
                    IF                (VAR98 NE 7)XVAR=-99
                    END REPEAT

DO REPEAT REQUIRED    176 BYTES OF WORKSPACE.


                    DO REPEAT         XVAR=VAR127 TO VAR135/
                    IF                (VAR98 NE 7)XVAR=-99
                    END REPEAT

DO REPEAT REQUIRED    160 BYTES OF WORKSPACE.


                    DO REPEAT         XVAR=VAR139 TO VAR143/
                    IF                (VAR98 NE 7)XVAR=-99
                    END REPEAT

DO REPEAT REQUIRED    128 BYTES OF WORKSPACE.
```

```
RECODE          VAR88 TO VAR90(LOWEST THRU 0=-99)
MISSING VALUES  VAR87 TO VAR97 VAR101 TO VAR109 VAR113 TO VAR123
                VAR127 TO VAR135 VAR139 TO VAR143(-99)

COMPUTE         VAR93=VAR91+VAR92
COMPUTE         VAR95=VAR93+VAR94
COMPUTE         VAR97=VAR95+VAR96
COMPUTE         VAR106=VAR101+VAR102+VAR103+VAR104+VAR105
COMPUTE         VAR107=VAR97-VAR106
COMPUTE         VAR117=VAR108+VAR109+VAR113+VAR114+VAR115+VAR116
COMPUTE         VAR123=VAR118+VAR119+VAR120+VAR121+VAR122
COMPUTE         VAR127=VAR117+VAR123
COMPUTE         VAR129=VAR127+VAR128
COMPUTE         VAR130=VAR107-VAR129
COMPUTE         VAR133=VAR131-VAR132
COMPUTE         VAR134=VAR130
IF              (VAR84 EQ 6 AND VAR85 EQ 4) VAR108=1198896
IF              (VAR84 EQ 36 AND VAR85 EQ 005)VAR93=440541
IF              (VAR84 EQ 36 AND VAR85 EQ 005)VAR91=440541
IF              (VAR84 EQ 36 AND VAR85 EQ 005)VAR95=440541
IF              (VAR84 EQ 36 AND VAR85 EQ 005)VAR108=1770173
IF              (VAR84 EQ 36 AND VAR85 EQ 005)VAR115=102045
IF              (VAR84 EQ 36 AND VAR85 EQ 005)VAR120=128770
IF              (VAR84 EQ 6 AND VAR85 EQ 101)VAR139=-189627
IF              (VAR84 EQ 47 AND VAR85 EQ 88)VAR127=-99
ASSIGN MISSING  VAR93 VAR95 VAR97 VAR106 VAR107 VAR117 VAR123
                VAR127 VAR129 VAR130 VAR133 VAR134(-99)

COMPUTE         VR129=VAR129/1000
COMPUTE         VR96=VAR96/1000
COMPUTE         VR97=VAR97/1000
COMPUTE         VR108=VAR108/1000
COMPUTE         VR127=VAR127/1000
COMPUTE         VR101=VAR101/1000
COMPUTE         VR106=VAR106/1000
COMPUTE         VR130=VAR130/1000
COMPUTE         V96PUM=VAR96/VAR90
COMPUTE         V101PUM=VAR101/VAR90
COMPUTE         V102PUM=VAR102/VAR90
COMPUTE         V103PUM=VAR103/VAR90
COMPUTE         V104PUM=VAR104/VAR90
COMPUTE         V105PUM=VAR105/VAR90
COMPUTE         V106PUM=VAR106/VAR90
COMPUTE         V107PUM=VAR107/VAR90
COMPUTE         V108PUM=VAR108/VAR90
COMPUTE         V109PUM=VAR109/VAR90
COMPUTE         V113PUM=VAR113/VAR90
COMPUTE         V114PUM=VAR114/VAR90
COMPUTE         V115PUM=VAR115/VAR90
COMPUT          V11   =VA    /VA
```

```
                    COMPUTE         V120PUM=VAR120/VAR90
                    COMPUTE         V121PUM=VAR121/VAR90
                    COMPUTE         V122PUM=VAR122/VAR90
                    COMPUTE         V123PUM=VAR123/VAR90
                    COMPUTE         V127PUM=VAR127/VAR90
                    COMPUTE         V129PUM=VAR129/VAR90
                    COMPUTE         V59PUM=VAR59/VAR90
                    COMPUTE         V130PUM=VAR130/VAR90
                    ASSIGN MISSING   VR129 TO V130PUM(-99)
                    RECODE          VARA(LOWEST THRU 0=-99)/
                                    VARD(LOWEST THRU 0,8,9=-99)
                    MISSING VALUES    VAR148 TO VAR150 VARA VARD(-98,-99)/
                                      VAR151(9,-99)
                    COMPUTE           INC=((VARA-VARA*.0805)*100)/15139
                    ASSIGN MISSING    INC(-99)
                    COMPUTE         VR148=VAR148/10
                    COMPUTE         VR149=VAR149/10
                    COMPUTE         VR150=VAR150/10
                    RECODE           VARB VARC (LOWEST THRU 10=-99)
                    MISSING VALUES   VARB VARC (-99)
                    COMPUTE          VRB=VARB/10
                    COMPUTE          VRC=VARC/10
                    ASSIGN MISSING   VR148 VR149 VR150 VRB VRC(-99)
                    DO REPEAT       XVAR=VAR162 TO VAR184 VAR188 TO VAR206
                                    VAR210 TO VAR223/
                    IF              (VAR185 NE 13)XVAR=-99
                    END REPEAT

DO REPEAT REQUIRED    536 BYTES OF WORKSPACE.


                    COMPUTE         CKVAR=VAR199+VAR200+VAR201+VAR202+VAR203+
                                     VAR204+VAR205+VAR206
                    DO REPEAT       XVAR=VAR199 TO VAR206/
                    IF              (CKVAR GT 102)XVAR=-99
                    END REPEAT

DO REPEAT REQUIRED    152 BYTES OF WORKSPACE.


                    RECODE          VAR178 TO VAR184 VAR188 TO VAR191(LOWEST THRU
                                    -1=-99)
                    RECODE          VAR194(LOWEST THRU 0=-9)/VAR199 TO VAR206
                                    (101 THRU 999=-99)/VAR164 TO VAR171(0,4,7=9)/
                                    VAR219(0,3,9=9)
                    MISSING VALUES  VAR162(-99,8,9)/VAR163(-99,-9)/VAR164 TO VAR171
                                    (-99,9)/VAR172(-99)/VAR173(-99,9)/
                                    VAR174(-98,-99,0)/VAR175(-99,0,9)/VAR176(-99,9)/
                                    VAR177(-99,8,9)/VAR178 TO VAR184(-99)/
                                    VAR188 TO VAR191(-99)/VAR192(-99,9)/VAR193(-99,3)/
                                    VAR194(-99,-9)/VAR195(-99,9,0)/VAR196 TO VAR206
                                    (-98,-99)/VAR210 TO VAR214(-99)/VAR215(-99,-9)/
```

```
                        VAR216(-99,-9)/VAR217 TO VAR220(-99,0,9)/
                        VAR221 TO VAR223(-99)
COMPUTE                 VAR214=VAR210+VAR211+VAR212+VAR213
ASSIGN MISSING          VAR214(-99)
RECODE                   VAR47(0 THRU 49 =49)(50 THRU 99=99)(100 THRU 299=299)
                         (300 THRU 499=499)(500 THRU 999=999)(1000 THRU
                         HIGHEST=1000)
IF                       (VAR151 EQ 1 AND VAR39 LE 499)WT=1
IF                       (VAR151 EQ 1 AND VAR39 GE 500)WT=.25
IF                       (VAR151 NE 1 AND VAR39 LE 499)WT=1
IF                       (VAR151 NE 1 AND (VAR39 GE 500 OR VAR39 LE 999))
                          WT=.5
IF                        (VAR151 NE 1 AND VAR39 GE 1000)WT=.25
COMPUTE                  WTFACTOR=WT*1.465
COMPUTE                 SAL=VAR108+VAR121
COMPUTE                 SALPUM=SAL/VAR90
ASSIGN MISSING          SAL SALPUM(-99)
COMPUTE                  PROPELD=VAR37/VAR39
IF                      (VAR181 GT VAR178)YIELD=-99
IF                      (VAR181 LE VAR178)YIELD=VAR181/VAR178
IF                      (VAR182 GT VAR181)LIP=-99
IF                      (VAR182 LE VAR181)LIP=VAR182/VAR181
IF                      (VAR191 GT VAR89)INSPM=-99
IF                      (VAR191 LE VAR89)INSPM=VAR191/VAR89
IF                      (VAR188 GT VAR89)INSPI1=-99
IF                      (VAR188 LE VAR89)INSPI1=VAR188/VAR89
IF                      (VAR190 GE VAR89)INSPI2=-99
IF                      (VAR190 LT VAR89)INSPI2=VAR190/VAR89
IF                      (VAR183 GT VAR89)TURN1=-99
IF                      (VAR183 LE VAR89)TURN1=VAR183/VAR89
IF                      (VAR184 GT VAR89)TURN2=-99
IF                      (VAR184 LE VAR89)TURN2=VAR184/VAR89
ASSIGN MISSING          PROPELD TO TURN2(-99)
COMPUTE                 INSPI=INSPI1+INSPI2
COMPUTE                 TURN=TURN1+TURN2
ASSIGN MISSING          INSPI  TURN(-99)
DO REPEAT               XVAR=VAR227 TO VAR241 VAR245 TO VAR262
                        VAR266 TO VAR283 VAR287 TO VAR304
                        VAR308 TO VAR321/
IF                      (VAR242 NE 16)XVAR=-99
END REPEAT

DO REPEAT REQUIRED    752 BYTES OF WORKSPACE.


MISSING VALUES          VAR227 TO VAR241 VAR245 TO VAR262
                        VAR266 TO VAR283 VAR287 TO VAR304
                        VAR308 TO VAR321(-99)
IF                        (VAR148 GT 0 AND VAR149 GT 0 AND
                        VAR148 GT VAR149)AGE=VAR108
```

```
                    MISSING VALUES    MWAGE(0)
                    IF                (VAR148 GT 0 AND VAR150 GT 0 AND
                                       VAR148 GT VAR150)NMWAGE=VR148
                    IF                (VAR148 GT 0 AND VAR150 GT 0 AND
                                       VAR148 LE VAR150)NMWAGE=VR150
                    IF                 (VAR148 LE 0 OR VAR150 LE 0)NMWAGE=0
                    MISSING VALUES     NMWAGE(0)
                    IF                 (VARB GT 0 AND VARC GT 0 AND
                                        VARB GT VARC)MCETA=VRB
                    IF                  (VARB GT 0 AND VARC GT 0 AND
                                        VARB LE VARC)MCETA=VRC
                    IF                    (VARB LE 0 OR VARC LE 0)MCETA=0
                    MISSING VALUES       MCETA(0)
                    IF                    (VARC LE 0 AND VARB GT 0)NMCETA=VRB
                    MISSING VALUES       NMCETA(0)
                    IF                  (VAR173 EQ 2)TVAR=0
                    IF                  (VAR173 EQ 1 AND VAR174 GT 0)TVAR=VAR174
                    IF                  (VAR173 EQ 9 OR VAR174 LE 0)TVAR=-9
                    MISSING VALUES     TVAR(-9)
                    COMPUTE            SEC8=VAR89/(TVAR+VAR89)
                    ASSIGN MISSING     SEC8 (-9)
                    COMPUTE            FTE=VAR194
                    ASSIGN MISSING     FTE(-99)
                    COMPUTE            PRICE=SALPUM/VAR194
                    ASSIGN MISSING     PRICE(-99)
                    COMPUTE            TOTIME=VAR199+VAR200+VAR201+VAR202+VAR203
                                       +VAR204+VAR205+VAR206
                    ASSIGN MISSING      TOTIME(-99)
                    DO REPEAT          XTIME=TIME1 TO TIME8/XVAR=VAR199 TO VAR206/
                    COMPUTE            XTIME=XVAR/TOTIME
                    ASSIGN MISSING     XTIME(-99)
                    END REPEAT

DO REPEAT REQUIRED    256 BYTES OF WORKSPACE.


                    COMPUTE            FTEPUM=(FTE/VAR90)*1000
                    ASSIGN MISSING     FTEPUM(-99)
                    DO REPEAT          XFTEPUM=FTEPUM1 TO FTEPUM8/XVAR=TIME1 TO
                                       TIME8/
                    COMPUTE            XFTEPUM=(XVAR)*FTEPUM
                    ASSIGN MISSING     XFTEPUM(-99)
                    END REPEAT

DO REPEAT REQUIRED    272 BYTES OF WORKSPACE.


                    IF                  (VAR151 EQ 1)LOC=4
                    IF                  (VAR151 EQ 2)LOC=1
                    IF                  (VARD EQ 1)LOC=3
                    IF                  (VARD EQ 2)LOC=2
                    MISSING VALUES      LOC(0)
```

```
COMPUTE          FEE=VAR127+VAR102+VAR103
COMPUTE          FEEPUM=FEE/VAR90
COMPUTE          PRELIM=VAR102+VAR103
COMPUTE          PREPUM=PRELIM/VAR90
COMPUTE          ADMFEE=VAR127
COMPUTE          ADMPUM=VAR127/VAR90
COMPUTE          PCTPRE=PREPUM/FEEPUM
COMPUTE          PCTADM=ADMFEE/FEE
COMPUTE          EXT=VAR59-VAR127
COMPUTE          EXTPUM=EXT/VAR90
ASSIGN MISSING   FEE TO EXTPUM(-99)
COMPUTE          PINSPM=INSPM/(INSPI+INSPM)
COMPUTE          PINSPI=INSPI/(INSPI+INSPM)
COMPUTE          TIMESI=PINSPI*TIME5
COMPUTE          TIMESM=PINSPM*TIME5
COMPUTE          FTETUM5I=PINSPI*FTEPTUM5
COMPUTE          FTETUM5M=PINSPM*FTEPTUM5
ASSIGN MISSING   PINSPM TO FTETUM5M(-99)
IF               (MWAGE EQ 0 AND NMWAGE EQ 0)WAGE=0
IF               (MWAGE GT 0)WAGE=MWAGE
IF               (NMWAGE GT 0)WAGE=NMWAGE
MISSING VALUES   WAGE(0)
IF               (MCETA EQ 0 AND NMCETA EQ 0)CETA=0
IF               (MCETA GT 0)CETA=MCETA
IF               (NMCETA GT 0)CETA=NMCETA
MISSING VALUES   CETA (0)
COMPUTE          NETINT=(VAR181-VAR183)/VAR89
COMPUTE          TOTINT=(VAR181+VAR184)/VAR89
ASSIGN MISSING   NETINT TOTINT(-99)
IF               (VAR47 EQ 49)SIZE1=1
IF               (VAR47 NE 49)SIZE1=0
IF               (VAR47 EQ 1000)SIZE2=1
IF               (VAR47 NE 1000)SIZE2=0
IF               (VAR47 LT 0)SIZE1=-9
IF               (VAR47 LT 0)SIZE2=-9
IF               (LOC EQ 2 OR LOC EQ 4)LOC1=1
IF               (LOC EQ 1 OR LOC EQ 3)LOC1=0
IF               (LOC EQ 0)LOC1=-9
IF               (VAR173 EQ 1)NSEC8=1
IF               (VAR173 EQ 2)NSEC8=0
IF               (VAR173 NE 1 AND VAR173 NE 2)NSEC8=-9
MISSING VALUES    SIZE1 SIZE2 LOC1  NSEC8(-9)
WEIGHT           WTFACTOR
FREQUENCIES       GENERAL=LOC VAR162 VAR164 TO VAR173 VAR175
                  VAR176 VAR192 VAR193 VAR195 VAR217 TO VAR220
STATISTICS        ALL
```

GIVEN WORKSPACE ALLOWS FOR 5440 TOTAL VALUES AND 544 LABELED VALUES PER VARIABLE FOR 'FREQUENCIES'

READ INPUT DATA