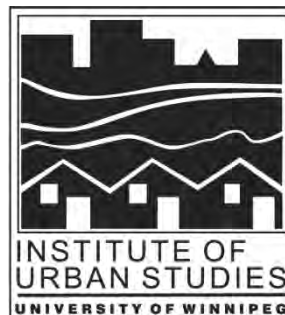


Manitoba Omnibus Data: Tradespeople Major Repair

1986

The Institute of Urban Studies





THE UNIVERSITY OF
WINNIPEG

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MANITOBA OMNIBUS DATA: TRADESPEOPLE MAJOR REPAIR

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Note: The cover page and this information page are new replacements, 2016.

The Institute of Urban Studies is an independent research arm of the University of Winnipeg. Since 1969, the IUS has been both an academic and an applied research centre, committed to examining urban development issues in a broad, non-partisan manner. The Institute examines inner city, environmental, Aboriginal and community development issues. In addition to its ongoing involvement in research, IUS brings in visiting scholars, hosts workshops, seminars and conferences, and acts in partnership with other organizations in the community to effect positive change.

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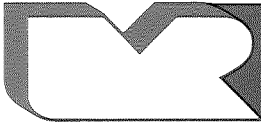
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MANITOBA OMNIBUS
DATA
TRADEPEOPLE/MAJOR REPAIR



INSTITUTE
OF URBAN
STUDIES

UNIVERSITY OF WINNIPEG



SOCIAL SCIENCES DIVISION

October 28, 1986

Mr. Tom Carter
Assistant Director,
Institute for Urban Studies,
University of Winnipeg,
515 Portage Avenue,
Winnipeg, Manitoba
R3B 2E9

Dear Mr. Carter,

Please find enclosed a copy of the one-way tables and cross-tabulations which resulted from the three questions placed on the Manitoba Omnibus on your behalf. The attached documentation includes a short report on survey methodology, sample quality, and a guide to the output.

If you have any further questions, please feel free to call me.

Yours truly,

A handwritten signature in cursive script that reads "Lesley Anne Fuga".

Lesley Anne Fuga
Research Analyst

/LF
encl.



THE SURVEY

Between October 6 - 11, 1986, 1082 households in Manitoba were contacted by phone. The person answering was asked to participate in a short interview at that time. The average interview took between 6 and 8 minutes to complete. The theoretical accuracy for this sample is 3%, 19 times out of 20.

A random sample of telephone numbers was drawn from telephone directories, and the last digit was randomly altered to allow access to unlisted numbers. All numbers were attempted, and 'busy' or 'not at home' numbers were reintroduced into the sample after the first pass. Business, disconnected or institutional numbers were discarded.

The interview team received training in general survey methodology (to assist them in understanding the protocols used), general interviewing techniques and trial runs through the instrument. All interviewing was done from a central location at University of Manitoba Research Ltd. and careful monitoring ensured quality control.

STATISTICAL OUTPUT

FREQUENCY DISTRIBUTION

The appended package of statistical output includes the frequency distribution of response for the following questions which were included in the UMR (Social Sciences Division) Manitoba Omnibus (October, 1986):

1. "When people talk about the standard of living, they think about all sorts of things that make their life better. I'm going to read you a list and ask you to tell me how satisfied you are with these things in your area. Would you say you're very satisfied, satisfied, dissatisfied, or very dissatisfied?" (Other response categories were not offered to the respondent.)

AVAILABILITY OF TRADESPEOPLE TO DO MAJOR HOME REPAIR

VERY SATISFIED
SATISFIED
NEITHER
DISSATISFIED
VERY DISSATISFIED
DON'T KNOW
NO RESPONSE

2. "I'm going to read a list of the types of repair sometimes needed around the home. As I read each item, please tell me if this item in your home needs MAJOR repair." (Responses were coded either YES, NO, DON'T KNOW, or NO RESPONSE.)

ELECTRICAL
PLUMBING (INCLUDING BATHROOM)
HEATING SYSTEM
WINDOWS OR DOORS
INSULATION
ROOF
FOUNDATION
OTHER STRUCTURAL WORK
ANY OTHER MAJOR REPAIRS

3. (If yes to any of the above) "Are there plans to begin your repair work within the next 12 months, that is, before October of next year?" (Responses were coded YES, NO, POSSIBLY, DON'T KNOW, or NO RESPONSE. If all of a respondent's answers to the items in Question 2 were "NO", Question 3 was skipped and coded NOT APPLICABLE.)

CROSS-TABULATIONS

In addition to frequency distributions, the statistical output includes cross-tabulations of selected questions against the demographic variables. These are:

1. Respondent's age;
2. Level of education;
3. Gender;
4. Marital status;
5. Employment status;
6. Household size;
7. Household composition - with or without children;
8. Family income;
9. Housing tenure (rent/own);
10. Location of residence (Winnipeg/non-Winnipeg);
11. Household socio-economic status.

For the purposes of these tables, employment status was broken into four categories: full-time, part-time, not employed (not looking for work), and unemployed (looking for work).

Household composition was divided into two categories: with children, and without children, on the assumption that individuals under the age of 18 normally in residence at a particular household are the children in that family unit.

To determine household socio-economic status, each respondent's occupation and, where applicable, that of their spouse, was coded into one of seven categories based on a modified Blishen scale:

1. Administrative, professional, and upper management.
2. Semi-professional, technical, and middle management.
3. Supervisors, foremen, and skilled labour.
4. Unskilled and semi-skilled labour.
5. Self-employed (including farmers).
6. Student.
7. Homemaker.

The household was then accorded the higher socio-economic status of the two.

SAMPLE QUALITY

Telephone polls typically produce a female/male ratio of about 60/40 unless there is preselection (by asking for the person over 18 whose birthday is next). Such preselection is cumbersome, prone to increasing overall refusals and takes longer (i.e., costs more). UMR (Social Sciences Division) polls post-stratify by a simple proportionality factor. If there are differences, then the pattern of response for men is weighted "up" to adjust for their smaller numbers.

The data reported here are all weighted to adjust for gender imbalances.

Distribution by Location (Winnipeg vs non-Winnipeg)

This table reveals a reasonably close correspondence between the poll data and Statistics Canada information.

Table 1
Distribution by Location

	Percent	
	Poll Data	Statistics Canada
Winnipeg	53.1	55
non-Winnipeg	46.9	45

Distribution by Income

Item refusals for income are usual. The format used in asking this information is the least threatening approach possible. There is a tendency for high income respondents to not give such information.

Some adjustment may be warranted if it could be ascertained that the refusals were random. This is very unlikely. The reader is cautioned that some disturbance to the pattern of response may exist. No adjustment was made to reconcile differences between Statistics Canada information and the poll data for this report.

Table 2
Distribution by Income

	Percent	
	Poll Data	Statistics Canada
(\$000)		
<21	31.4	38
21 - 35	30.9	29
>35	28.4	33
Don't Know	3.3	
Refused	6.0	

Distribution by Age

The poll data are comparable with Statistics Canada information.

Table 3
Distribution by Age

	Percent	
	Poll Data	Statistics Canada
18 - 24	14.7	13
25 - 44	44.2	40
45 - 64	24.3	29
65 +	16.7	18

Refusals

The overall refusal rate for this poll was 17.5%.

Table 4
Refusals

	Percent
Winnipeg	24
non-Winnipeg	11

TABLE OF BEGIN BY URBRUR

BEGIN	PLAN TO BEGIN REPAIRS IN NEXT YEAR?		URBRUR	URBAN OR RURAL
FREQUENCY				
PERCENT				
ROW PCT				
COL PCT	URBAN	RURAL	TOTAL	
NOT APPLICABLE	347	263		.
	.	.		.
	.	.		.
DONT KNOW	10	2		.
	.	.		.
	.	.		.
NO RESPONSE	1	1		.
	.	.		.
	.	.		.
YES	104	126	231	
	22.81	27.54	50.35	
	45.29	54.71		
	48.19	52.30		
NO	97	98	196	
	21.24	21.46	42.70	
	49.75	50.25		
	44.88	40.74		
POSSIBLY	15	17	32	
	3.28	3.67	6.95	
	47.24	52.76		
	6.94	6.97		
TOTAL	217	241	458	
	47.33	52.67	100.00	

STATISTICS FOR 2-WAY TABLES

CHI-SQUARE	0.841	DF=	2	PROB=0.6567
PHI	0.043			
CONTINGENCY COEFFICIENT	0.043			
CRAMER'S V	0.043			
LIKELIHOOD RATIO CHISQUARE	0.841	DF=	2	PROB=0.6566

TABLE OF BEGIN BY SES

BEGIN	PLAN TO BEGIN REPAIRS IN NEXT YEAR?								SES	SOCIOECONOMIC STATUS	
FREQUENCY PERCENT ROW PCT COL PCT		ADM/PROF /UPP MNG	S/PROF/TE CH/M MNG	SUPER/FO RE/SKILL	UN/SEMI SKILLED	HOMEMAKE R	SELF-EMP LOYED	STUDENT		TOTAL	
NOT APPLICABLE	13	141	98	108	129	23	66	32			
			
			
DONT KNOW	1	2	1	2	6	1	0	0			
			
			
NO RESPONSE	0	1	0	0	0	0	1	0			
			
			
YES	5	38	38	52	57	5	25	10	226		
	.	8.59	8.50	11.67	12.80	1.03	5.52	2.33	50.45		
	.	17.03	16.86	23.13	25.37	2.04	10.93	4.62			
	.	52.03	54.48	57.27	50.18	28.12	43.99	40.37			
NO	5	30	25	34	52	12	26	12	191		
	.	6.71	5.60	7.68	11.58	2.64	5.80	2.70	42.71		
	.	15.71	13.11	17.98	27.12	6.17	13.59	6.32			
	.	40.63	35.87	37.67	45.40	71.88	46.28	46.74			
POSSIBLY	1	5	7	5	5	0	5	3	31		
	.	1.21	1.51	1.03	1.13	0.00	1.22	0.74	6.84		
	.	17.70	22.01	15.07	16.51	0.00	17.82	10.88			
	.	7.33	9.65	5.06	4.43	0.00	9.73	12.89			
TOTAL		74	70	91	114	16	56	26	447		
	.	16.52	15.61	20.38	25.51	3.67	12.54	5.78	100.00		

STATISTICS FOR 2-WAY TABLES

CHI-SQUARE	14.223	DF=	12	PROB=	0.2867
PHI	0.178				
CONTINGENCY COEFFICIENT	0.176				
CRAMER'S V	0.126				
LIKELIHOOD RATIO CHISQUARE	14.893	DF=	12	PROB=	0.2473

TABLE OF BEGIN BY NINCOME

BEGIN PLAN TO BEGIN REPAIRS IN NEXT YEAR? NINCOME FAMILY INCOME GROUP

FREQUENCY PERCENT ROW PCT COL PCT	DONT KNOW	NO RESPONSE	< \$20,000	\$20,000 - \$35,000	\$35,000 OR MORE	TOTAL
NOT APPLICABLE	20	47	180	174	188	.

DONT KNOW	1	1	7	3	1	.

NO RESPONSE	0	0	1	0	1	.

YES	5	7	73	75	71	218
	.	.	17.15	17.50	16.56	51.22
	.	.	33.49	34.17	32.33	
	.	.	47.80	47.58	60.60	
NO	8	8	74	69	38	180
	.	.	17.26	16.14	8.91	42.30
	.	.	40.79	38.15	21.05	
	.	.	48.09	43.88	32.59	
POSSIBLY	2	3	6	13	8	28
	.	.	1.48	3.14	1.86	6.48
	.	.	22.78	48.48	28.74	
	.	.	4.11	8.54	6.81	
TOTAL	.	.	153	157	117	427
	.	.	35.89	36.78	27.33	100.00

STATISTICS FOR 2-WAY TABLES

CHI-SQUARE	9.027	DF=	4	PROB=0.0604
PHI	0.145			
CONTINGENCY COEFFICIENT	0.144			
CRAMER'S V	0.103			
LIKELIHOOD RATIO CHISQUARE	9.210	DF=	4	PROB=0.0561

TABLE OF BEGIN BY GENDER

BEGIN	PLAN TO BEGIN REPAIRS IN NEXT YEAR?	GENDER	GENDER OF RESPONDENT	
FREQUENCY				
PERCENT				
ROW PCT				
COL PCT				
	NO RESPO NSE	FEMALE	MALE	TOTAL
NOT APPLICABLE	0	310	300	.
.
.
.
DONT KNOW	0	8	5	.
.
.
.
NO RESPONSE	0	0	2	.
.
.
.
YES	0	114	117	231
.	.	24.82	25.53	50.35
.	.	49.29	50.71	
.	.	48.56	52.22	
NO	0	99	97	196
.	.	21.51	21.19	42.70
.	.	50.38	49.62	
.	.	42.09	43.33	
POSSIBLY	0	22	10	32
.	.	4.78	2.17	6.95
.	.	68.75	31.25	
.	.	9.35	4.44	
TOTAL	.	234	224	458
.	.	51.11	48.89	100.00

STATISTICS FOR 2-WAY TABLES

CHI-SQUARE	4.311	DF=	2	PROB=0.1158
PHI	0.097			
CONTINGENCY COEFFICIENT	0.097			
CRAMER'S V	0.097			
LIKELIHOOD RATIO CHISQUARE	4.420	DF=	2	PROB=0.1097

TABLE OF RENTOWN BY MARITAL

RENTOWN RENT OR OWN YOUR HOME? MARITAL MARITAL STATUS OF RESPONDENT

FREQUENCY PERCENT ROW PCT COL PCT	NO RESPO NSE	SINGLE	MARRIED/ COMM-LAW	DIV/SEP	WIDOWED	TOTAL
OTHER	0	4	2	0	0	.
.
.
NO RESPONSE	1	0	0	0	0	.
.
.
RENT	1	129	114	33	29	305
.	.	12.07	10.64	3.05	2.66	28.43
.	.	42.47	37.44	10.72	9.37	
.	.	53.05	16.53	49.12	40.00	
OWN	2	115	576	34	43	767
.	.	10.69	53.74	3.16	3.99	71.57
.	.	14.93	75.08	4.41	5.58	
.	.	46.95	83.47	50.88	60.00	
TOTAL	.	244	690	67	71	1072
.	.	22.76	64.38	6.21	6.66	100.00

STATISTICS FOR 2-WAY TABLES

CHI-SQUARE	139.404	DF=	3	PROB=0.0001
PHI	0.361			
CONTINGENCY COEFFICIENT	0.339			
CRAMER'S V	0.361			
LIKELIHOOD RATIO CHISQUARE	135.397	DF=	3	PROB=0.0001

TABLE OF RENTOWN BY NAGE

RENTOWN	RENT OR OWN YOUR HOME?				NAGE	AGE GROUP OF RESPONDENT
FREQUENCY						
PERCENT						
ROW PCT						
COL PCT	18 - 24	25 - 40	41 - 64	65 OR OV ER	TOTAL	
OTHER	2	2	0	2	.	.

NO RESPONSE	0	0	1	0	.	.

RENT	84	123	50	48	306	
	7.83	11.43	4.66	4.49	28.42	
	27.56	40.24	16.40	15.80		
	53.42	25.79	19.11	27.02		
OWN	73	354	212	130	770	
	6.83	32.90	19.74	12.12	71.58	
	9.54	45.95	27.57	16.94		
	46.58	74.21	80.89	72.98		
TOTAL	158	477	262	179	1076	
	14.66	44.33	24.40	16.61	100.00	

STATISTICS FOR 2-WAY TABLES

CHI-SQUARE	61.439	DF=	3	PROB=0.0001
PHI	0.239			
CONTINGENCY COEFFICIENT	0.232			
CRAMER'S V	0.239			
LIKELIHOOD RATIO CHISQUARE	57.152	DF=	3	PROB=0.0001

TABLE OF RENTOWN BY NEDUC

RENTOWN	RENT OR OWN YOUR HOME?		NEDUC	EDUCATION OF RESPONDENT			
FREQUENCY PERCENT ROW PCT COL PCT	DONT W	KNO NSE	NO RESPO NSE	<= HIGH SCHOOL	SOME POS T-SEC	UNIVERSI TY	TOTAL
OTHER	0	0	0	4	1	1	.

NO RESPONSE	0	1	0	0	0	0	.

RENT	1	2	184	74	45	303	
	.	.	17.28	7.00	4.24	28.51	
	.	.	60.59	24.53	14.87		
	.	.	26.19	35.17	30.01		
OWN	3	7	518	137	105	760	
	.	.	48.70	12.89	9.89	71.49	
	.	.	68.12	18.04	13.84		
	.	.	73.81	64.83	69.99		
TOTAL	.	.	701	211	150	1063	
	.	.	65.98	19.89	14.14	100.00	

STATISTICS FOR 2-WAY TABLES

CHI-SQUARE	6.628	DF=	2	PROB=0.0364
PHI	0.079			
CONTINGENCY COEFFICIENT	0.079			
CRAMER'S V	0.079			
LIKELIHOOD RATIO CHISQUARE	6.471	DF=	2	PROB=0.0393

TABLE OF RENTOWN BY NPEOPLE

RENTOWN	RENT OR OWN YOUR HOME?	NPEOPLE	NUMBER OF PEOPLE IN HOUSEHOLD				TOTAL
FREQUENCY							
PERCENT							
ROW PCT							
COL PCT							
		1	2	3	4	5 OR MOR E	
OTHER	0	1	2	1	1	1	.

NO RESPONSE	0	0	1	0	0	0	.

RENT	1	98	86	55	41	25	304
	.	9.09	8.02	5.14	3.79	2.35	28.39
	.	32.03	28.27	18.11	13.33	8.26	
	.	53.96	27.60	27.62	17.76	16.57	
OWN	2	83	226	144	188	127	768
	.	7.76	21.05	13.47	17.53	11.81	71.61
	.	10.83	29.39	18.81	24.48	16.49	
	.	46.04	72.40	72.38	82.24	83.43	
TOTAL	.	181	312	200	229	152	1072
	.	16.85	29.07	18.61	21.32	14.15	100.00

STATISTICS FOR 2-WAY TABLES

CHI-SQUARE	81.411	DF=	4	PROB=0.0001
PHI	0.276			
CONTINGENCY COEFFICIENT	0.266			
CRAMER'S V	0.276			
LIKELIHOOD RATIO CHISQUARE	77.458	DF=	4	PROB=0.0001

TABLE OF RENTOWN BY URBRUR

RENTOWN	RENT OR OWN YOUR HOME?		URBRUR	URBAN OR RURAL
FREQUENCY				
PERCENT				
ROW PCT				
COL PCT	URBAN	RURAL	TOTAL	
OTHER	3	3	.	.

NO RESPONSE	1	0	.	.

RENT	199	106	306	
	18.55	9.87	28.42	
	65.26	34.74		
	34.92	21.05		
DWN	372	398	770	
	34.56	37.03	71.58	
	48.27	51.73		
	65.08	78.95		
TOTAL	571	504	1076	
	53.10	46.90	100.00	

STATISTICS FOR 2-WAY TABLES

CHI-SQUARE	25.353	DF=	1	PROB=0.0001
PHI	0.154			
CONTINGENCY COEFFICIENT	0.152			
CRAMER'S V	0.154			
LIKELIHOOD RATIO CHISQUARE	25.712	DF=	1	PROB=0.0001
CONTINUITY ADJ. CHI-SQUARE	24.675	DF=	1	PROB=0.0001
FISHER'S EXACT TEST (1-TAIL)				PROB=0.0000
(2-TAIL)				PROB=0.0000

TABLE OF RENTOWN BY SES

RENTOWN	RENT OR OWN YOUR HOME?	SES	SOCIOECONOMIC STATUS						TOTAL		
FREQUENCY	PERCENT	ROW PCT	COL PCT	ADM/PROF /UPP MNG	SPROF/TE CH/M MNG	SUPER/FO RE/SKILL	UN/SEMI SKILLED	HOMEMAKE R	SELF-EMP LOYED	STUDENT	TOTAL
OTHER	0	2	0	0	3	0	0	0	1	.	.
.
.
NO RESPONSE	0	0	0	1	0	0	0	0	0	.	.
.
.
RENT	13	44	39	64	82	17	15	32	292	.	.
.	.	4.21	3.66	6.06	7.76	1.64	1.47	3.02	27.81	.	.
.	.	15.14	13.17	21.79	27.89	5.89	5.28	10.84	.	.	.
.	.	20.54	22.74	31.86	33.13	42.69	12.57	55.44	.	.	.
OWN	11	171	131	136	165	23	107	25	759	.	.
.	.	16.29	12.45	12.96	15.65	2.20	10.22	2.42	72.19	.	.
.	.	22.57	17.25	17.95	21.68	3.04	14.15	3.36	.	.	.
.	.	79.46	77.26	68.14	66.87	57.31	87.43	44.56	.	.	.
TOTAL	.	215	169	200	246	40	123	57	1051	.	.
.	.	20.50	16.11	19.02	23.41	3.83	11.69	5.44	100.00	.	.

STATISTICS FOR 2-WAY TABLES

CHI-SQUARE 53.336 DF= 6 PROB=0.0001
 PHI 0.225
 CONTINGENCY COEFFICIENT 0.220
 CRAMER'S V 0.225
 LIKELIHOOD RATIO CHISQUARE 53.082 DF= 6 PROB=0.0001

TABLE OF RENTOWN BY NINCOME

RENTOWN FREQUENCY PERCENT ROW PCT COL PCT	RENT OR OWN YOUR HOME?			NINCOME			FAMILY INCOME GROUP	TOTAL
	DONT W	KND	NO RESP NSE	< \$20,00 0	\$20,000 - \$35,00	\$35,000 OR MORE		
OTHER	2		0	1	1	2		.

NO RESPONSE	0		0	1	0	0		.

RENT	12		16	129	101	48		278
	.		.	13.24	10.31	4.91		28.47
	.		.	46.53	36.22	17.26		
	.		.	38.14	30.22	15.76		
OWN	22		49	210	232	256		699
	.		.	21.48	23.80	26.25		71.53
	.		.	30.03	33.27	36.69		
	.		.	61.86	69.78	84.24		
TOTAL	.		.	339	333	304		977
	.		.	34.73	34.11	31.16		100.00

STATISTICS FOR 2-WAY TABLES

CHI-SQUARE	40.194	DF=	2	PROB=0.0001
PHI	0.203			
CONTINGENCY COEFFICIENT	0.199			
CRAMER'S V	0.203			
LIKELIHOOD RATIO CHISQUARE	42.304	DF=	2	PROB=0.0001

TABLE OF RENTOWN BY EMPSTAT

RENTOWN RENT OR OWN YOUR HOME? EMPSTAT RESPONDENT'S EMPLOYMENT STATUS

FREQUENCY PERCENT ROW PCT COL PCT		EMP FULL -TIME	EMP PART -TIME	LOOKING	NOT LOOK ING	TOTAL
OTHER {	0	2	1	1	2	.
.
.
NO RESPONSE	0	0	0	0	1	.
.
.
RENT	43	145	39	31	48	263
.	15.70	4.28	3.36	5.19	28.53	
.	55.04	14.99	11.77	18.19		
.	26.15	26.55	49.62	30.37		
OWN	111	409	109	31	110	659
.	44.33	11.83	3.41	11.90	71.47	
.	62.03	16.55	4.77	16.65		
.	73.85	73.45	50.38	69.63		
TOTAL	.	553	148	62	158	922
.	60.04	16.11	6.77	17.09	100.00	

STATISTICS FOR 2-WAY TABLES

CHI-SQUARE	15.689	DF=	3	PROB=0.0013
PHI	0.130			
CONTINGENCY COEFFICIENT	0.129			
CRAMER'S V	0.130			
LIKELIHOOD RATIO CHISQUARE	14.391	DF=	3	PROB=0.0024

TABLE OF RENTOWN BY HHCOMP

RENTOWN	RENT OR OWN YOUR HOME?	HHCOMP		HOUSEHOLD COMPOSITION
		WITH CHILDREN	WITHOUT CHILDREN	
FREQUENCY	PERCENT	ROW PCT	COL PCT	TOTAL
OTHER	0	2	4	.

NO RESPONSE	0	0	1	.

RENT	0	95	211	306
	.	8.82	19.67	28.49
	.	30.97	69.03	
	.	21.02	33.90	
OWN	3	356	411	767
	.	33.15	38.35	71.51
	.	46.37	53.63	
	.	78.98	66.10	
TOTAL	.	450	622	1073
	.	41.98	58.02	100.00

STATISTICS FOR 2-WAY TABLES

CHI-SQUARE	21.271	DF=	1	PROB=0.0001
PHI	-0.141			
CONTINGENCY COEFFICIENT	0.139			
CRAMER'S V	0.141			
LIKELIHOOD RATIO CHISQUARE	21.744	DF=	1	PROB=0.0001
CONTINUITY ADJ. CHI-SQUARE	20.644	DF=	1	PROB=0.0001
FISHER'S EXACT TEST (1-TAIL)				PROB=0.0000
(2-TAIL)				PROB=0.0000

TABLE OF REPAIRS BY NEDUC

REPAIRS ANY TYPE OF REPAIRS NEEDED NEDUC EDUCATION OF RESPONDENT

FREQUENCY PERCENT ROW PCT COL PCT	ANY TYPE OF REPAIRS NEEDED		NEDUC		EDUCATION OF RESPONDENT	TOTAL
	DONT W	KNO NSE	NO RESPO NSE	<= HIGH SCHOOL	SOME POS T-SEC		UNIVERSI TY
YES	1	2	312	86	72	470
.	.	.	29.17	8.09	6.71	43.96
.	.	.	66.35	18.40	15.26	
.	.	.	44.21	40.74	47.34	
NO	3	8	394	126	80	599
.	.	.	36.81	11.76	7.46	56.04
.	.	.	65.69	20.99	13.31	
.	.	.	55.79	59.26	52.66	
TOTAL	.	.	706	212	152	1069
.	.	.	65.98	19.85	14.17	100.00

STATISTICS FOR 2-WAY TABLES

CHI-SQUARE	1.613	DF=	2	PROB=0.4463
PHI	0.039			
CONTINGENCY COEFFICIENT	0.039			
CRAMER'S V	0.039			
LIKELIHOOD RATIO CHISQUARE	1.616	DF=	2	PROB=0.4459

TABLE OF REPAIRS BY NPEOPLE

REPAIRS ANY TYPE OF REPAIRS NEEDED NPEOPLE NUMBER OF PEOPLE IN HOUSEHOLD

FREQUENCY PERCENT ROW PCT COL PCT	NPEOPLE					5 OR MOR E	TOTAL
	1	2	3	4			
YES	1	61	125	89	115	82	472
.		5.62	11.61	8.23	10.69	7.59	43.75
.		12.84	26.54	18.82	24.45	17.35	
.		33.33	39.83	44.35	50.32	53.55	
NO	2	121	189	112	114	71	607
.		11.24	17.54	10.33	10.56	6.58	56.25
.		19.98	31.18	18.37	18.77	11.71	
.		66.67	60.17	55.65	49.68	46.45	
TOTAL	.	182	315	200	229	153	1079
.		16.86	29.15	18.56	21.25	14.18	100.00

STATISTICS FOR 2-WAY TABLES

CHI-SQUARE	20.017	DF=	4	PROB=0.0005
PHI	0.136			
CONTINGENCY COEFFICIENT	0.135			
CRAMER'S V	0.136			
LIKELIHOOD RATIO CHISQUARE	20.149	DF=	4	PROB=0.0005

TABLE OF REPAIRS BY RENTOWN

REPAIRS	ANY TYPE OF REPAIRS NEEDED	RENTOWN	RENT OR OWN YOUR HOME?		
FREQUENCY			RENT	OWN	TOTAL
PERCENT					
ROW PCT					
COL PCT	OTHER	NO RESPO NSE			
YES	4	1	134	334	468
	.	.	12.43	31.08	43.51
	.	.	28.57	71.43	
	.	.	43.75	43.42	
NO	2	0	172	436	608
	.	.	15.98	40.50	56.49
	.	.	28.30	71.70	
	.	.	56.25	56.58	
TOTAL	.	.	306	770	1076
	.	.	28.42	71.58	100.00

STATISTICS FOR 2-WAY TABLES

CHI-SQUARE	0.010	DF=	1	PROB=0.9200
PHI	0.003			
CONTINGENCY COEFFICIENT	0.003			
CRAMER'S V	0.003			
LIKELIHOOD RATIO CHISQUARE	0.010	DF=	1	PROB=0.9200
CONTINUITY ADJ. CHI-SQUARE	0.001	DF=	1	PROB=0.9742
FISHER'S EXACT TEST (1-TAIL)				PROB=0.4866
(2-TAIL)				PROB=0.9407

TABLE OF REPAIRS BY EMPSTAT

REPAIRS ANY TYPE OF REPAIRS NEEDED EMPSTAT RESPONDENT'S EMPLOYMENT STATUS

FREQUENCY PERCENT ROW PCT COL PCT		EMP FULL	EMP PART	LOOKING	NOT LOOK	TOTAL
		-TIME	-TIME		ING	
YES	48	266	65	24	70	425
.	.	28.62	7.04	2.57	7.56	45.79
.	.	62.50	15.38	5.61	16.51	
.	.	47.86	43.69	37.49	43.87	
NO	106	290	84	40	90	504
.	.	31.18	9.08	4.28	9.67	54.21
.	.	57.52	16.74	7.90	17.84	
.	.	52.14	56.31	62.51	56.13	
TOTAL	.	556	150	64	160	929
.	.	59.80	16.12	6.85	17.23	100.00

STATISTICS FOR 2-WAY TABLES

CHI-SQUARE 3.226 DF= 3 PROB=0.3580
 PHI 0.059
 CONTINGENCY COEFFICIENT 0.059
 CRAMER'S V 0.059
 LIKELIHOOD RATIO CHISQUARE 3.251 DF= 3 PROB=0.3545

TABLE OF REPAIRS BY HHCOMP

REPAIRS ANY TYPE OF REPAIRS NEEDED HHCOMP HOUSEHOLD COMPOSITION

FREQUENCY PERCENT ROW PCT COL PCT		WITH CHILDREN		TOTAL
		WITH CHILDREN	WITHOUT CHILDREN	
YES	1	229	243	472
.	.	21.19	22.54	43.73
.	.	48.45	51.55	
.	.	50.58	38.80	
NO	2	224	384	608
.	.	20.71	35.56	56.27
.	.	36.80	63.20	
.	.	49.42	61.20	
TOTAL	.	452	627	1080
.	.	41.90	58.10	100.00

STATISTICS FOR 2-WAY TABLES

CHI-SQUARE	14.816	DF=	1	PROB=0.0001
PHI	0.117			
CONTINGENCY COEFFICIENT	0.116			
CRAMER'S V	0.117			
LIKELIHOOD RATIO CHISQUARE	14.808	DF=	1	PROB=0.0001
CONTINUITY ADJ. CHI-SQUARE	14.341	DF=	1	PROB=0.0002
FISHER'S EXACT TEST (1-TAIL)				PROB=0.0001
(2-TAIL)				PROB=0.0001

TABLE OF REPAIRS BY URBRUR

REPAIRS	ANY TYPE OF REPAIRS NEEDED	URBRUR	URBAN OR RURAL
FREQUENCY			
PERCENT			
ROW PCT			
COL PCT	URBAN	RURAL	TOTAL
YES	228 21.10 48.30 39.71	245 22.59 51.70 48.20	473 43.69
NO	347 32.03 56.89 60.29	263 24.27 43.11 51.80	610 56.31
TOTAL	575 53.14	507 46.86	1083 100.00

STATISTICS FOR 2-WAY TABLES

CHI-SQUARE	7.892	DF=	1	PROB=0.0050
PHI	-0.085			
CONTINGENCY COEFFICIENT	0.085			
CRAMER'S V	0.085			
LIKELIHOOD RATIO CHISQUARE	7.896	DF=	1	PROB=0.0050
CONTINUITY ADJ. CHI-SQUARE	7.551	DF=	1	PROB=0.0060
FISHER'S EXACT TEST (1-TAIL)				PROB=0.0030
(2-TAIL)				PROB=0.0052

TABLE OF REPAIRS BY SES

REPAIRS	ANY TYPE OF REPAIRS NEEDED	SES	SOCIOECONOMIC STATUS						TOTAL	
FREQUENCY	PERCENT	ROW PCT	ADM/PROF	SPROF/TE	SUPER/FO	UN/SEMI	HOMEMAKE	SELF-EMP	STUDENT	
COL PCT			/UPP MNG	CH/M MNG	RE/SKILL	SKILLED	R	LOYED		
YES	12		77	71	93	120	17	57	26	461
	.		7.26	6.71	8.77	11.34	1.63	5.42	2.44	43.57
	.		16.66	15.41	20.14	26.02	3.74	12.43	5.60	
	.		35.30	41.95	46.24	48.10	42.78	46.67	44.54	
NO	13		141	98	108	129	23	66	32	597
	.		13.30	9.29	10.20	12.23	2.18	6.19	3.04	56.43
	.		23.57	16.46	18.07	21.67	3.86	10.97	5.39	
	.		64.70	58.05	53.76	51.90	57.22	53.33	55.46	
TOTAL			218	169	201	249	40	123	58	1058
	.		20.56	16.01	18.97	23.57	3.81	11.61	5.48	100.00

STATISTICS FOR 2-WAY TABLES

CHI-SQUARE	9.415	DF=	6	PROB=0.1515
PHI	0.094			
CONTINGENCY COEFFICIENT	0.094			
CRAMER'S V	0.094			
LIKELIHOOD RATIO CHISQUARE	9.517	DF=	6	PROB=0.1465

TABLE OF REPAIRS BY NINCOME

REPAIRS	ANY TYPE OF REPAIRS NEEDED			NINCOME			FAMILY INCOME GROUP
	DONT KNOW	NO RESPONSE	< \$20,000	\$20,000 - \$35,00	\$35,000 OR MORE	TOTAL	
FREQUENCY PERCENT ROW PCT COL PCT							
YES	16	18	161	160	119	439	
	.	.	16.40	16.28	12.09	44.77	
	.	.	36.64	36.37	27.00		
	.	.	47.18	47.85	38.72		
NO	20	47	180	174	188	542	
	.	.	18.36	17.74	19.13	55.23	
	.	.	33.24	32.12	34.63		
	.	.	52.82	52.15	61.28		
TOTAL	.	.	341	334	306	982	
	.	.	34.76	34.02	31.22	100.00	

STATISTICS FOR 2-WAY TABLES

CHI-SQUARE	6.619	DF=	2	PROB=0.0365
PHI	0.082			
CONTINGENCY COEFFICIENT	0.082			
CRAMER'S V	0.082			
LIKELIHOOD RATIO CHISQUARE	6.662	DF=	2	PROB=0.0358

TABLE OF REPAIRS BY GENDER

REPAIRS	ANY TYPE OF REPAIRS NEEDED	GENDER		GENDER OF RESPONDENT
FREQUENCY		FEMALE	MALE	TOTAL
PERCENT				
ROW PCT				
COL PCT				
	NO RESPO NSE			
YES	0	242	231	473
.	.	22.32	21.37	43.69
.	.	51.09	48.91	
.	.	43.82	43.56	
NO	0	310	300	610
.	.	28.62	27.69	56.31
.	.	50.82	49.18	
.	.	56.18	56.44	
TOTAL	.	551	531	1083
	.	50.94	49.06	100.00

STATISTICS FOR 2-WAY TABLES

CHI-SQUARE	0.007	DF=	1	PROB=0.9319
PHI	0.003			
CONTINGENCY COEFFICIENT	0.003			
CRAMER'S V	0.003			
LIKELIHOOD RATIO CHISQUARE	0.007	DF=	1	PROB=0.9319
CONTINUITY ADJ. CHI-SQUARE	0.001	DF=	1	PROB=0.9807
FISHER'S EXACT TEST (1-TAIL)				PROB=0.4904
(2-TAIL)				PROB=0.9698

TABLE OF BEGIN BY MARITAL

BEGIN PLAN TO BEGIN REPAIRS IN NEXT YEAR? MARITAL MARITAL STATUS OF RESPONDENT

FREQUENCY PERCENT ROW PCT COL PCT	NO RESPO NSE	SINGLE	MARRIED/ COMM-LAW	DIV/SEP	WIDOWED	TOTAL
NOT APPLICABLE	3 . . .	128 . . .	392 . . .	34 . . .	52. . .	. . .
DONT KNOW	1 . . .	4 . . .	5 . . .	3 . . .	0. . .	. . .
NO RESPONSE	0 . . .	0 . . .	2 . . .	0 . . .	0. . .	. . .
YES	0	55 11.94 23.71 47.16	153 33.38 66.29 52.10	15 3.29 6.54 51.44	8 1.74 3.46 41.29	231 50.35
NO	0	58 12.65 29.62 49.97	117 25.47 59.65 39.75	10 2.29 5.35 35.71	11 2.29 5.37 54.36	196 42.70
POSSIBLY	0	3 0.73 10.46 2.87	24 5.22 75.06 8.15	4 0.82 11.84 12.86	1 0.18 2.64 4.36	32 6.95
TOTAL	. . .	116 25.31	293 64.06	29 6.40	19 4.22	458 100.00

STATISTICS FOR 2-WAY TABLES

CHI-SQUARE	8.752	DF=	6	PROB=0.1880
PHI	0.138			
CONTINGENCY COEFFICIENT	0.137			
CRAMER'S V	0.098			
LIKELIHOOD RATIO CHISQUARE	9.183	DF=	6	PROB=0.1636

TABLE OF BEGIN BY NAGE

BEGIN	PLAN TO BEGIN REPAIRS IN NEXT YEAR?				NAGE	AGE GROUP OF RESPONDENT
FREQUENCY PERCENT ROW PCT COL PCT	18 - 24	25 - 40	41 - 64	65 OR OV ER	TOTAL	
NOT APPLICABLE	88 . . .	242 . . .	150 . . .	131. . .	.	.
DONT KNOW	2 . . .	7 . . .	3 . . .	1. . .	.	.
NO RESPONSE	0 . . .	1 . . .	1 . . .	0. . .	.	.
YES	42 9.11 18.09 59.56	118 25.73 51.10 51.45	50 10.94 21.73 45.77	21 4.57 9.08 42.37	231 50.35	
NO	26 5.64 13.21 36.89	96 20.90 48.94 41.78	47 10.31 24.14 43.13	27 5.85 13.70 54.22	196 42.70	
POSSIBLY	2 0.54 7.81 3.55	16 3.39 48.74 6.78	12 2.65 38.16 11.10	2 0.37 5.29 3.41	32 6.95	
TOTAL	70 15.29	229 50.02	109 23.90	49 10.79	458 100.00	

STATISTICS FOR 2-WAY TABLES

CHI-SQUARE	9.235	DF=	6	PROB=0.1608
PHI	0.142			
CONTINGENCY COEFFICIENT	0.141			
CRAMER'S V	0.100			
LIKELIHOOD RATIO CHISQUARE	9.171	DF=	6	PROB=0.1642

TABLE OF BEGIN BY NEDUC

BEGIN	PLAN TO BEGIN REPAIRS IN NEXT YEAR?					NEDUC	EDUCATION OF RESPONDENT	TOTAL
FREQUENCY PERCENT ROW PCT COL PCT	DONT KNOW	NO RESPO NSE	<= HIGH SCHOOL	SOME POS T-SEC	UNIVERSI TY			
NOT APPLICABLE	3	8	394	126	80			.

DONT KNOW	0	1	10	0	1			.

NO RESPONSE	0	0	0	0	2			.

YES	0	0	153	41	37			231
	.	.	33.45	8.98	8.15			50.58
	.	.	66.13	17.76	16.11			
	.	.	50.59	47.96	54.63			
NO	1	0	128	39	27			194
	.	.	28.15	8.61	5.85			42.62
	.	.	66.06	20.21	13.73			
	.	.	42.58	45.41	39.23			
POSSIBLY	0	1	21	6	4			31
	.	.	4.51	1.37	0.92			6.80
	.	.	66.36	20.19	13.46			
	.	.	6.82	7.24	6.14			
TOTAL	.	.	301	86	68			456
	.	.	66.12	18.97	14.91			100.00

STATISTICS FOR 2-WAY TABLES

CHI-SQUARE	0.808	DF=	4	PROB=0.9374
PHI	0.042			
CONTINGENCY COEFFICIENT	0.042			
CRAMER'S V	0.030			
LIKELIHOOD RATIO CHISQUARE	0.809	DF=	4	PROB=0.9373

TABLE OF BEGIN BY NPEOPLE

BEGIN	PLAN TO BEGIN REPAIRS IN NEXT YEAR?						NPEOPLE	NUMBER OF PEOPLE IN HOUSEHOLD
FREQUENCY								
PERCENT								
ROW PCT								
COL PCT								
		1	2	3	4	5 OR MORE	TOTAL	
NOT APPLICABLE	2	121	189	112	114	71	.	
.	
.	
DONT KNOW	0	1	6	0	3	3	.	
.	
.	
NO RESPONSE	0	0	0	0	2	0	.	
.	
.	
YES	1	25	58	47	60	40	230	
.	.	5.49	12.71	10.30	13.08	8.68	50.26	
.	.	10.93	25.28	20.50	26.03	17.27		
.	.	41.98	48.62	53.00	54.56	49.95		
NO	0	32	52	34	43	35	196	
.	.	6.95	11.41	7.49	9.34	7.60	42.77	
.	.	16.25	26.67	17.50	21.82	17.76		
.	.	53.12	43.66	38.51	38.93	43.73		
POSSIBLY	0	3	9	8	7	5	32	
.	.	0.64	2.02	1.65	1.56	1.10	6.97	
.	.	9.19	28.97	23.68	22.42	15.75		
.	.	4.90	7.72	8.49	6.51	6.31		
TOTAL	.	60	119	89	110	79	457	
.	.	13.08	26.13	19.44	23.98	17.37	100.00	

STATISTICS FOR 2-WAY TABLES

CHI-SQUARE	4.549	DF=	8	PROB=0.8045
PHI	0.100			
CONTINGENCY COEFFICIENT	0.099			
CRAMER'S V	0.071			
LIKELIHOOD RATIO CHISQUARE	4.525	DF=	8	PROB=0.8069

TABLE OF BEGIN BY RENTOWN

BEGIN PLAN TO BEGIN REPAIRS IN NEXT YEAR? RENTOWN RENT OR OWN YOUR HOME?

FREQUENCY PERCENT ROW PCT COL PCT	OTHER	NO RESPO NSE	RENT	OWN	TOTAL
NOT APPLICABLE	2	0	172	436	.
.
.
DONT KNOW	0	1	9	3	.
.
.
NO RESPONSE	0	0	0	2	.
.
.
YES	3	0	47	181	228
.	.	.	10.31	39.86	50.17
.	.	.	20.54	79.46	
.	.	.	37.43	55.01	
NO	1	0	71	123	194
.	.	.	15.75	27.06	42.81
.	.	.	36.79	63.21	
.	.	.	57.21	37.35	
POSSIBLY	0	0	7	25	32
.	.	.	1.48	5.54	7.02
.	.	.	21.03	78.97	
.	.	.	5.36	7.65	
TOTAL	.	.	125	329	454
.	.	.	27.53	72.47	100.00

STATISTICS FOR 2-WAY TABLES

CHI-SQUARE	14.589	DF=	2	PROB=0.0007
PHI	0.179			
CONTINGENCY COEFFICIENT	0.176			
CRAMER'S V	0.179			
LIKELIHOOD RATIO CHISQUARE	14.496	DF=	2	PROB=0.0007

TABLE OF BEGIN BY EMPSTAT

BEGIN PLAN TO BEGIN REPAIRS IN NEXT YEAR? EMPSTAT RESPONDENT'S EMPLOYMENT STATUS

FREQUENCY PERCENT ROW PCT COL PCT						TOTAL
	EMP FULL -TIME	EMP PART -TIME	LOOKING	NOT LOOK ING		
NOT APPLICABLE	106	290	84	40	90	.

DONT KNOW	1	9	1	1	1	.

NO RESPONSE	0	2	0	0	0	.

YES	17	143	32	12	27	213
	.	34.85	7.75	2.86	6.45	51.91
	.	67.14	14.94	5.51	12.42	
	.	56.38	49.38	51.04	38.21	
NO	28	96	28	10	33	168
	.	23.31	6.93	2.54	7.98	40.75
	.	57.20	17.00	6.23	19.58	
	.	37.71	44.10	45.30	47.28	
POSSIBLY	2	15	4	1	10	30
	.	3.66	1.02	0.20	2.45	7.34
	.	49.87	13.96	2.79	33.38	
	.	5.92	6.52	3.66	14.51	
TOTAL	.	254	65	23	69	411
	.	61.82	15.70	5.60	16.87	100.00

STATISTICS FOR 2-WAY TABLES

CHI-SQUARE	11.218	DF=	6	PROB=0.0819
PHI	0.165			
CONTINGENCY COEFFICIENT	0.163			
CRAMER'S V	0.117			
LIKELIHOOD RATIO CHISQUARE	10.477	DF=	6	PROB=0.1059

TABLE OF BEGIN BY HHCOMP

BEGIN PLAN TO BEGIN REPAIRS IN NEXT YEAR? HHCOMP HOUSEHOLD COMPOSITION

FREQUENCY PERCENT ROW PCT COL PCT	WITH CHILDREN		WITHOUT CHILDREN	TOTAL
	LDREN			
NOT APPLICABLE	2	224	384	.

DONT KNOW	0	5	7	.

NO RESPONSE	0	2	0	.

YES	1	110	119	230
	.	24.14	26.12	50.26
	.	48.03	51.97	
	.	49.97	50.53	
NO	0	91	105	196
	.	19.86	22.91	42.77
	.	46.44	53.56	
	.	41.12	44.32	
POSSIBLY	0	20	12	32
	.	4.31	2.66	6.97
	.	61.84	38.16	
	.	8.92	5.14	
TOTAL	.	221	236	457
	.	48.31	51.69	100.00

STATISTICS FOR 2-WAY TABLES

CHI-SQUARE	2.616	DF=	2	PROB=0.2703
PHI	0.076			
CONTINGENCY COEFFICIENT	0.075			
CRAMER'S V	0.076			
LIKELIHOOD RATIO CHISQUARE	2.631	DF=	2	PROB=0.2683

AVAILABILITY OF TRADESPEOPLE IN AREA					
TRADES	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT	
DONT KNOW	91	.	.	.	
NO RESPONSE	12	.	.	.	
VERY SATISFIED	104.701	104.701	10.693	10.693	
SATISFIED	673.339	778.041	68.767	79.460	
NEUTRAL	18.774	796.815	1.917	81.378	
DISSATISFIED	158.475	955.29	16.185	97.563	
VERY DISATISFIED	23.8639	979.153	2.437	100.000	

RENT OR OWN YOUR HOME?					
RENTOWN	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT	
OTHER	6	.	.	.	
NO RESPONSE	1	.	.	.	
RENT	305.631	305.631	28.418	28.418	
OWN	769.871	1075.5	71.582	100.000	

ELECTRICAL REPAIR NEEDED AT HOME					
ELECTRIC	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT	
DONT KNOW	4	.	.	.	
NO RESPONSE	2	.	.	.	
YES	64.4156	64.4156	5.982	5.982	
NO	1012.34	1076.75	94.018	100.000	

PLUMBING REPAIR NEEDED AT HOME					
PLUMBING	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT	
DONT KNOW	1	.	.	.	
NO RESPONSE	5	.	.	.	
YES	95.4554	95.4554	8.865	8.865	
NO	981.268	1076.72	91.135	100.000	

HEATING SYSTEM REPAIR NEEDED AT HOME					
HEATING	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT	
DONT KNOW	3	.	.	.	
NO RESPONSE	2	.	.	.	
YES	60.7597	60.7597	5.641	5.641	
NO	1016.4	1077.16	94.359	100.000	

WINDOWS/DOORS REPAIR NEEDED AT HOME					
WINDOWS	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT	
DONT KNOW	2	.	.	.	
NO RESPONSE	2	.	.	.	
YES	313.019	313.019	29.015	29.015	
NO	765.813	1078.83	70.985	100.000	

INSULATION WORK NEEDED AT HOME				
INSULATN	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
DONT KNOW	10	.	.	.
NO RESPONSE	2	.	.	.
YES	158.725	158.725	14.828	14.828
NO	911.749	1070.47	85.172	100.000

ROOF REPAIR NEEDED AT HOME				
ROOF	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
DONT KNOW	6	.	.	.
NO RESPONSE	4	.	.	.
YES	107.379	107.379	10.016	10.016
NO	964.734	1072.11	89.984	100.000

FOUNDATION REPAIR NEEDED AT HOME				
FOUNDATN	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
DONT KNOW	8	.	.	.
NO RESPONSE	4	.	.	.
YES	89.5234	89.5234	8.366	8.366
NO	980.5	1070.02	91.633	100.000

OTHER STRUCTURAL WORK NEEDED AT HOME				
STRUCTRL	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
DONT KNOW	3	.	.	.
NO RESPONSE	3	.	.	.
YES	80.2615	80.2615	7.457	7.457
NO	996.018	1076.28	92.543	100.000

OTHER MAJOR REPAIRS NEEDED AT HOME				
OTHERREP	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
DONT KNOW	1	.	.	.
NO RESPONSE	3	.	.	.
YES	55.5557	55.5557	5.150	5.150
NO	1023.25	1078.8	94.850	100.000

PLAN TO BEGIN REPAIRS IN NEXT YEAR?				
BEGIN	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
NOT APPLICABLE	610	.	.	.
DONT KNOW	13	.	.	.
NO RESPONSE	2	.	.	.
YES	230.604	230.604	50.351	50.351
NO	195.545	426.149	42.696	93.047
POSSIBLY	31.8439	457.993	6.953	100.000

TABLE OF TRADES BY MARITAL

TRADES AVAILABILITY OF TRADESPEOPLE IN AREA MARITAL MARITAL STATUS OF RESPONDENT

FREQUENCY PERCENT ROW PCT COL PCT	NO RESPO NSE	SINGLE	MARRIED/ COMM-LAW	DIV/SEP	WIDOWED	TOTAL
DONT KNOW	1	25	45	8	13	.
.
.
NO RESPONSE	0	0	5	4	3	.
.
.
VERY SATISFIED	0	23	71	5	5	105
.	.	2.39	7.27	0.55	0.51	10.73
.	.	22.30	67.74	5.17	4.79	
.	.	10.45	11.05	9.96	8.91	
SATISFIED	2	157	446	36	32	671
.	.	16.11	45.68	3.65	3.32	68.75
.	.	23.43	66.45	5.30	4.82	
.	.	70.32	69.47	65.41	57.52	
NEUTRAL	1	5	12	0	1	18
.	.	0.55	1.20	0.00	0.09	1.84
.	.	30.20	65.10	0.00	4.70	
.	.	2.42	1.82	0.00	1.50	
DISSATISFIED	0	33	100	10	16	158
.	.	3.34	10.24	1.03	1.64	16.24
.	.	20.55	63.05	6.33	10.07	
.	.	14.57	15.57	18.44	28.37	
VERY DISATISFIED	0	5	13	3	2	24
.	.	0.51	1.37	0.35	0.21	2.45
.	.	21.01	56.13	14.11	8.74	
.	.	2.24	2.09	6.19	3.71	
TOTAL	.	224	642	54	56	976
.	.	22.91	65.76	5.57	5.77	100.00

STATISTICS FOR 2-WAY TABLES

WARNING: OVER 20% OF THE CELLS HAVE EXPECTED COUNTS LESS THAN 5.
TABLE IS SO SPARSE THAT CHI-SQUARE MAY NOT BE A VALID TEST.

CHI-SQUARE	12.665	DF=	12	PROB=0.3939
PHI	0.114			
CONTINGENCY COEFFICIENT	0.113			
CRAMER'S V	0.066			
LIKELIHOOD RATIO CHISQUARE	11.801	DF=	12	PROB=0.4618

TABLE OF TRADES BY NAGE

TRADES	AVAILABILITY OF TRADESPEOPLE IN AREA				NAGE	AGE GROUP OF RESPONDENT
	18 - 24	25 - 40	41 - 64	65 OR OV ER		
FREQUENCY						
PERCENT						
ROW PCT						
COL PCT						
DONT KNOW	10	30	27	25		
		
		
NO RESPONSE	0	3	5	5		
		
		
VERY SATISFIED	13	64	15	12	105	
	1.32	6.56	1.58	1.24	10.69	
	12.34	61.34	14.75	11.57		
	8.60	14.39	6.67	8.00		
SATISFIED	116	295	162	100	673	
	11.84	30.09	16.59	10.24	68.77	
	17.22	43.76	24.13	14.89		
	77.22	66.04	70.21	66.25		
NEUTRAL	3	9	5	2	19	
	0.34	0.93	0.47	0.17	1.92	
	17.74	48.73	24.57	8.97		
	2.22	2.05	1.99	1.11		
DISSATISFIED	17	68	41	33	158	
	1.71	6.96	4.14	3.38	16.18	
	10.55	42.98	25.59	20.88		
	11.14	15.26	17.52	21.86		
VERY DISSATISFIED	1	10	8	4	24	
	0.13	1.03	0.85	0.43	2.44	
	5.21	42.18	34.96	17.64		
	0.83	2.26	3.61	2.78		
TOTAL	150	446	231	151	979	
	15.34	45.57	23.64	15.46	100.00	

STATISTICS FOR 2-WAY TABLES

WARNING: OVER 20% OF THE CELLS HAVE EXPECTED COUNTS LESS THAN 5.
TABLE IS SO SPARSE THAT CHI-SQUARE MAY NOT BE A VALID TEST.

CHI-SQUARE	22.626	DF=	12	PROB=0.0311
PHI	0.152			
CONTINGENCY COEFFICIENT	0.150			
CRAMER'S V	0.088			
LIKELIHOOD RATIO CHISQUARE	23.158	DF=	12	PROB=0.0264

TABLE OF TRADES BY NEDUC

TRADES AVAILABILITY OF TRADESPEOPLE IN AREA NEDUC EDUCATION OF RESPONDENT

FREQUENCY PERCENT ROW PCT COL PCT	DONT KNOW W	NO RESP NSE	<= HIGH SCHOOL	SOME POS T-SEC	UNIVERSI TY	TOTAL
DONT KNOW	3	2	58	18	10	.
.
.
NO RESPONSE	0	0	11	0	1	.
.
.
VERY SATISFIED	0	0	63	26	17	105
.	.	.	6.45	2.63	1.71	10.79
.	.	.	59.77	24.36	15.87	
.	.	.	9.83	13.16	11.88	
SATISFIED	1	7	439	130	97	665
.	.	.	45.20	13.38	9.99	68.57
.	.	.	65.92	19.52	14.56	
.	.	.	68.89	67.00	69.32	
NEUTRAL	0	1	14	3	1	18
.	.	.	1.42	0.34	0.09	1.85
.	.	.	76.73	18.57	4.70	
.	.	.	2.16	1.72	0.60	
DISSATISFIED	0	0	106	29	23	158
.	.	.	10.95	2.97	2.41	16.33
.	.	.	67.07	18.20	14.73	
.	.	.	16.69	14.88	16.70	
VERY DISATISFIED	0	0	15	6	2	24
.	.	.	1.60	0.65	0.21	2.46
.	.	.	64.88	26.38	8.74	
.	.	.	2.43	3.25	1.49	
TOTAL	.	.	637	194	140	970
.	.	.	65.62	19.98	14.41	100.00

STATISTICS FOR 2-WAY TABLES

WARNING: OVER 20% OF THE CELLS HAVE EXPECTED COUNTS LESS THAN 5.
TABLE IS SO SPARSE THAT CHI-SQUARE MAY NOT BE A VALID TEST.

CHI-SQUARE	4.667	DF=	8	PROB=0.7925
PHI	0.069			
CONTINGENCY COEFFICIENT	0.069			
CRAMER'S V	0.049			
LIKELIHOOD RATIO CHISQUARE	5.066	DF=	8	PROB=0.7505

TABLE OF TRADES BY NPEOPLE

TRADES	AVAILABILITY OF TRADESPEOPLE IN AREA						NPEOPLE	NUMBER OF PEOPLE IN HOUSEHOLD
	0	1	2	3	4	5 OR MORE		
FREQUENCY								
PERCENT								
ROW PCT								
COL PCT								
DONT KNOW	0	28	23	16	17	8		
		
		
		
NO RESPONSE	0	5	4	0	1	2		
		
		
		
VERY SATISFIED	0	11	37	20	20	17	105	
	.	1.11	3.81	2.05	2.05	1.71	10.73	
	.	10.35	35.48	19.12	19.12	15.94		
	.	7.24	12.91	10.88	9.47	11.67		
SATISFIED	3	104	194	131	148	94	670	
	.	10.62	19.89	13.39	15.15	9.60	68.66	
	.	15.47	28.97	19.50	22.07	13.98		
	.	69.27	67.46	70.99	69.96	65.54		
NEUTRAL	0	2	6	5	3	3	19	
	.	0.17	0.60	0.47	0.34	0.34	1.92	
	.	8.97	31.19	24.36	17.74	17.74		
	.	1.12	2.03	2.49	1.58	2.33		
DISSATISFIED	0	28	45	26	33	26	158	
	.	2.83	4.59	2.69	3.43	2.70	16.24	
	.	17.44	28.27	16.58	21.11	16.60		
	.	18.46	15.57	14.28	15.82	18.41		
VERY DISATISFIED	0	6	6	3	7	3	24	
	.	0.60	0.60	0.26	0.69	0.30	2.45	
	.	24.54	24.54	10.58	28.07	12.27		
	.	3.91	2.03	1.37	3.17	2.05		
TOTAL	.	150	288	184	211	143	976	
	.	15.34	29.49	18.86	21.66	14.65	100.00	

STATISTICS FOR 2-WAY TABLES

WARNING: OVER 20% OF THE CELLS HAVE EXPECTED COUNTS LESS THAN 5.
TABLE IS SO SPARSE THAT CHI-SQUARE MAY NOT BE A VALID TEST.

CHI-SQUARE	9.284	DF=	16	PROB=	0.9013
PHI	0.098				
CONTINGENCY COEFFICIENT	0.097				
CRAMER'S V	0.049				
LIKELIHOOD RATIO CHISQUARE	9.424	DF=	16	PROB=	0.8949

TABLE OF TRADES BY RENTOWN

TRADES AVAILABILITY OF TRADESPEOPLE IN AREA RENTOWN RENT OR OWN YOUR HOME?

FREQUENCY PERCENT ROW PCT COL PCT	OTHER	NO RESPO NSE	RENT	OWN	TOTAL
DONT KNOW	1 . .	1 . .	44 . .	45..	...
NO RESPONSE	0 . .	0 . .	8 . .	5..	...
VERY SATISFIED	0 . .	0 . .	24 2.48 23.07 9.52	81 8.27 76.93 11.19	105 10.75
SATISFIED	5 . .	0 . .	179 18.38 26.79 70.54	489 50.22 73.21 67.91	668 68.59
NEUTRAL	0 . .	0 . .	11 1.16 60.04 4.44	8 0.77 39.96 1.04	19 1.93
DISSATISFIED	0 . .	0 . .	36 3.74 22.96 14.34	122 12.54 77.04 16.96	158 16.27
VERY DISATISFIED	0 . .	0 . .	3 0.30 12.27 1.15	21 2.15 87.73 2.91	24 2.45
TOTAL	. .	. .	254 26.05	720 73.95	974 100.00

STATISTICS FOR 2-WAY TABLES

CHI-SQUARE 15.072 DF= 4 PROB=0.0046
 PHI 0.124
 CONTINGENCY COEFFICIENT 0.123
 CRAMER'S V 0.124
 LIKELIHOOD RATIO CHISQUARE 13.828 DF= 4 PROB=0.0079

TABLE OF TRADES BY EMPSTAT

TRADES AVAILABILITY OF TRADESPEOPLE IN AREA EMPSTAT RESPONDENT'S EMPLOYMENT STATUS

FREQUENCY PERCENT ROW PCT COL PCT	EMP FULL		EMP PART	LOOKING	NOT LOOK	TOTAL
	-TIME	-TIME	-TIME		ING	
DONT KNOW	16	38	8	4	26	.
.
.
NO RESPONSE	5	4	1	0	2	.
.
.
VERY SATISFIED	10	67	13	6	10	95
.	.	7.87	1.49	0.69	1.14	11.19
.	.	70.35	13.30	6.15	10.21	
.	.	12.96	8.94	9.72	7.33	
SATISFIED	84	347	104	45	93	589
.	.	41.01	12.33	5.29	10.97	69.60
.	.	58.91	17.72	7.61	15.76	
.	.	67.56	74.10	74.82	70.39	
NEUTRAL	1	15	1	1	2	18
.	.	1.72	0.10	0.10	0.20	2.12
.	.	81.22	4.70	4.70	9.39	
.	.	2.84	0.60	1.41	1.28	
DISSATISFIED	32	73	21	8	26	127
.	.	8.57	2.43	0.90	3.08	14.97
.	.	57.26	16.21	5.98	20.55	
.	.	14.12	14.57	12.66	19.73	
VERY DISATISFIED	6	13	3	1	2	18
.	.	1.53	0.30	0.10	0.20	2.13
.	.	71.95	14.03	4.68	9.35	
.	.	2.52	1.79	1.41	1.28	
TOTAL	.	514	141	60	132	846
.	.	60.70	16.65	7.08	15.58	100.00

STATISTICS FOR 2-WAY TABLES

WARNING: OVER 20% OF THE CELLS HAVE EXPECTED COUNTS LESS THAN 5.
TABLE IS SO SPARSE THAT CHI-SQUARE MAY NOT BE A VALID TEST.

CHI-SQUARE	11.812	DF=	12	PROB=0.4609
PHI	0.118			
CONTINGENCY COEFFICIENT	0.117			
CRAMER'S V	0.068			
LIKELIHOOD RATIO CHISQUARE	12.530	DF=	12	PROB=0.4041

TABLE OF TRADES BY HHCOMP

TRADES AVAILABILITY OF TRADESPEOPLE IN AREA HHCOMP HOUSEHOLD COMPOSITION

FREQUENCY PERCENT ROW PCT COL PCT	WITH CHILDREN		WITHOUT CHILDREN	TOTAL
	LDREN			
DONT KNOW	0	29	62	.

NO RESPONSE	0	3	9	.

VERY SATISFIED	1	45	59	104
	.	4.57	6.07	10.64
	.	42.99	57.01	
	.	10.62	10.65	
SATISFIED	2	286	385	671
	.	29.29	39.47	68.76
	.	42.60	57.40	
	.	68.00	69.33	
NEUTRAL	0	8	10	19
	.	0.85	1.07	1.92
	.	44.44	55.56	
	.	1.98	1.88	
DISSATISFIED	0	71	87	158
	.	7.32	8.91	16.23
	.	45.10	54.90	
	.	17.00	15.65	
VERY DISATISFIED	0	10	14	24
	.	1.03	1.41	2.44
	.	42.18	57.82	
	.	2.39	2.48	
TOTAL	.	420	556	976
	.	43.07	56.93	100.00

STATISTICS FOR 2-WAY TABLES

CHI-SQUARE	0.351	DF=	4	PROB=0.9863
PHI	0.019			
CONTINGENCY COEFFICIENT	0.019			
CRAMER'S V	0.019			
LIKELIHOOD RATIO CHISQUARE	0.350	DF=	4	PROB=0.9863

TABLE OF TRADES BY URBRUR

TRADES AVAILABILITY OF TRADESPEOPLE IN AREA URBRUR URBAN OR RURAL

FREQUENCY PERCENT ROW PCT COL PCT	URBAN		TOTAL
	URBAN	RURAL	
DONT KNOW	69	23	.
	.	.	.
	.	.	.
NO RESPONSE	7	5	.
	.	.	.
	.	.	.
VERY SATISFIED	55	50	105
	5.58	5.11	10.69
	52.18	47.82	
	10.93	10.44	
SATISFIED	352	322	673
	35.90	32.87	68.77
	52.21	47.79	
	70.33	67.14	
NEUTRAL	12	7	19
	1.19	0.73	1.92
	62.18	37.82	
	2.34	1.48	
DISSATISFIED	67	92	158
	6.83	9.35	16.18
	42.22	57.78	
	13.39	19.10	
VERY DISATISFIED	15	9	24
	1.54	0.90	2.44
	63.19	36.81	
	3.02	1.83	
TOTAL	500	479	979
	51.05	48.95	100.00

STATISTICS FOR 2-WAY TABLES

CHI-SQUARE	7.700	DF=	4	PROB=0.1032
PHI	0.089			
CONTINGENCY COEFFICIENT	0.088			
CRAMER'S V	0.089			
LIKELIHOOD RATIO CHISQUARE	7.744	DF=	4	PROB=0.1014

TABLE OF TRADES BY SES

TRADES	AVAILABILITY OF TRADESPEOPLE IN AREA	SES	SOCIOECONOMIC STATUS						TOTAL	
FREQUENCY PERCENT ROW PCT COL PCT			ADM/PROF /UPP MNG	SPROF/TE CH/M MNG	SUPER/FO RE/SKILL	UN/SEMI SKILLED	HOMEMAKE R	SELF-EMP LOYED	STUDENT	
DONT KNOW	3		20	15	20	17	5	5	7	.

NO RESPONSE	0		4	1	3	3	0	2	0	.

VERY SATISFIED	2		22	18	22	20	0	12	8	103
	.		2.31	1.88	2.27	2.13	0.00	1.26	0.87	10.72
	.		21.58	17.51	21.15	19.90	0.00	11.73	8.13	
	.		11.41	11.71	12.19	8.89	0.00	10.40	16.39	
SATISFIED	19		141	98	112	165	28	78	33	654
	.		14.69	10.28	11.70	17.19	2.94	8.11	3.45	68.35
	.		21.49	15.03	17.12	25.15	4.30	11.87	5.04	
	.		72.43	64.08	62.92	71.65	79.75	67.11	64.77	
NEUTRAL	0		1	4	3	5	0	4	1	19
	.		0.13	0.44	0.35	0.52	0.00	0.44	0.09	1.96
	.		6.63	22.22	17.74	26.71	0.00	22.22	4.48	
	.		0.64	2.72	1.87	2.18	0.00	3.61	1.65	
DISSATISFIED	1		26	27	36	34	7	19	8	158
	.		2.75	2.83	3.71	3.58	0.75	2.02	0.83	16.47
	.		16.72	17.20	22.54	21.73	4.53	12.26	5.01	
	.		13.58	17.67	19.96	14.92	20.25	16.70	15.53	
VERY DISATISFIED	0		4	6	5	5	0	3	1	24
	.		0.39	0.61	0.57	0.57	0.00	0.26	0.09	2.49
	.		15.80	24.54	22.85	22.70	0.00	10.58	3.53	
	.		1.94	3.82	3.06	2.36	0.00	2.18	1.65	
TOTAL	.		194	153	178	230	35	116	51	957
	.		20.28	16.03	18.60	23.99	3.68	12.09	5.32	100.00

STATISTICS FOR 2-WAY TABLES

WARNING: OVER 20% OF THE CELLS HAVE EXPECTED COUNTS LESS THAN 5.
TABLE IS SO SPARSE THAT CHI-SQUARE MAY NOT BE A VALID TEST.

CHI-SQUARE	19.710	DF=	24	PROB=	0.7131
PHI	0.144				
CONTINGENCY CDEFFICIENT	0.142				
CRAMER'S V	0.072				
LIKELIHOOD RATIO CHISQUARE	24.940	DF=	24	PROB=	0.4090

TABLE OF TRADES BY NINCOME

TRADES AVAILABILITY OF TRADES PEOPLE IN AREA NINCOME FAMILY INCOME GROUP

FREQUENCY PERCENT ROW PCT COL PCT	DONT KNOW W	NO RESP NSE	< \$20,00 0	\$20,000 - \$35,00	\$35,000 OR MORE	TOTAL
DONT KNOW	8	17	31	15	20	.
.
.
NO RESPONSE	0	0	9	3	0	.
.
.
VERY SATISFIED	2	3	26	35	40	100
.	.	.	2.86	3.83	4.39	11.07
.	.	.	25.81	34.59	39.60	
.	.	.	8.57	10.96	13.84	
SATISFIED	17	38	204	225	191	619
.	.	.	22.53	24.85	21.10	68.49
.	.	.	32.90	36.29	30.81	
.	.	.	67.55	71.08	66.61	
NEUTRAL	2	2	6	4	5	15
.	.	.	0.64	0.46	0.60	1.70
.	.	.	37.76	27.08	35.16	
.	.	.	1.93	1.32	1.89	
DISSATISFIED	7	5	57	48	42	146
.	.	.	6.30	5.26	4.62	16.19
.	.	.	38.93	32.52	28.55	
.	.	.	18.89	15.05	14.59	
VERY DISATISFIED	0	1	9	5	9	23
.	.	.	1.02	0.55	0.97	2.55
.	.	.	40.07	21.78	38.15	
.	.	.	3.06	1.59	3.07	
TOTAL	.	.	301	316	286	904
.	.	.	33.36	34.97	31.68	100.00

STATISTICS FOR 2-WAY TABLES

CHI-SQUARE	8.440	DF=	8	PROB=0.3917
PHI	0.097			
CONTINGENCY COEFFICIENT	0.096			
CRAMER'S V	0.068			
LIKELIHOOD RATIO CHISQUARE	8.547	DF=	8	PROB=0.3820

TABLE OF TRADES BY GENDER

TRADES	AVAILABILITY OF TRADESPEOPLE IN AREA	GENDER		GENDER OF RESPONDENT
FREQUENCY PERCENT ROW PCT COL PCT	NO RESPO NSE	FEMALE	MALE	TOTAL
DONT KNOW	0	64	27	.
.
.
NO RESPONSE	0	6	6	.
.
.
VERY SATISFIED	0	41	63	105
.	.	4.21	6.48	10.69
.	.	39.41	60.59	
.	.	8.57	12.75	
SATISFIED	0	330	343	673
.	.	33.71	35.06	68.77
.	.	49.01	50.99	
.	.	68.53	69.00	
NEUTRAL	0	8	11	19
.	.	0.77	1.14	1.92
.	.	40.36	59.64	
.	.	1.57	2.25	
DISSATISFIED	0	88	71	158
.	.	8.94	7.24	16.18
.	.	55.26	44.74	
.	.	18.18	14.25	
VERY DISATISFIED	0	15	9	24
.	.	1.55	0.89	2.44
.	.	63.51	36.49	
.	.	3.15	1.75	
TOTAL	.	482	498	979
.	.	49.18	50.82	100.00

STATISTICS FOR 2-WAY TABLES

CHI-SQUARE	8.896	DF=	4	PROB=0.0638
PHI	0.095			
CONTINGENCY COEFFICIENT	0.095			
CRAMER'S V	0.095			
LIKELIHOOD RATIO CHISQUARE	8.959	DF=	4	PROB=0.0621

TABLE OF REPAIRS BY MARITAL

REPAIRS ANY TYPE OF REPAIRS NEEDED MARITAL MARITAL STATUS OF RESPONDENT

FREQUENCY PERCENT ROW PCT COL PCT	NO RESPO NSE	SINGLE	MARRIED/ COMM-LAW	DIV/SEP	WIDOWED	TOTAL
YES	1	120	301	32	19	472
.	.	11.14	27.86	2.99	1.79	43.78
.	.	25.44	63.64	6.83	4.09	
.	.	48.39	43.40	48.46	27.08	
NO	3	128	392	34	52	606
.	.	11.88	36.34	3.18	4.83	56.22
.	.	21.13	64.63	5.66	8.59	
.	.	51.61	56.60	51.54	72.92	
TOTAL	.	248	692	67	71	1078
.	.	23.01	64.20	6.17	6.62	100.00

STATISTICS FOR 2-WAY TABLES

CHI-SQUARE 10.868 DF= 3 PROB=0.0125
 PHI 0.100
 CONTINGENCY COEFFICIENT 0.100
 CRAMER'S V 0.100
 LIKELIHOOD RATIO CHISQUARE 11.267 DF= 3 PROB=0.0104

TABLE OF REPAIRS BY NAGE

REPAIRS	ANY TYPE OF REPAIRS NEEDED				NAGE	AGE GROUP OF RESPONDENT
FREQUENCY	18 - 24	25 - 40	41 - 64	65 OR OV ER	TOTAL	
PERCENT						
ROW PCT						
COL PCT						
YES	72	237	114	50	473	
	6.66	21.89	10.50	4.64	43.69	
	15.25	50.11	24.02	10.62		
	45.14	49.49	43.17	27.80		
NO	88	242	150	131	610	
	8.10	22.34	13.82	12.05	56.31	
	14.38	39.67	24.54	21.41		
	54.86	50.51	56.83	72.20		
TOTAL	160	479	263	181	1083	
	14.76	44.23	24.31	16.70	100.00	

STATISTICS FOR 2-WAY TABLES

CHI-SQUARE	25.273	DF=	3	PROB=0.0001
PHI	0.153			
CONTINGENCY CDEFFICIENT	0.151			
CRAMER'S V	0.153			
LIKELIHOOD RATIO CHISQUARE	26.116	DF=	3	PROB=0.0001

TABLE OF RENTOWN BY GENDER

RENTOWN	RENT OR OWN YOUR HOME?	GENDER		GENDER OF RESPONDENT
FREQUENCY PERCENT ROW PCT COL PCT	NO RESPO NSE	FEMALE	MALE	TOTAL
OTHER	0	3	4	.

NO RESPONSE	0	1	0	.

RENT	0	168	138	306
	.	15.58	12.84	28.42
	.	54.82	45.18	
	.	30.57	26.18	
OWN	0	381	389	770
	.	35.38	36.20	71.58
	.	49.43	50.57	
	.	69.43	73.82	
TOTAL	.	548	527	1076
	.	50.96	49.04	100.00

STATISTICS FOR 2-WAY TABLES

CHI-SQUARE	2.547	DF=	1	PROB=0.1105
PHI	0.049			
CONTINGENCY COEFFICIENT	0.049			
CRAMER'S V	0.049			
LIKELIHOOD RATIO CHISQUARE	2.550	DF=	1	PROB=0.1103
CONTINUITY ADJ. CHI-SQUARE	2.336	DF=	1	PROB=0.1264
FISHER'S EXACT TEST (1-TAIL)				PROB=0.0632
(2-TAIL)				PROB=0.1212

TABLE OF TRADES BY SES

TRADES	AVAILABILITY OF TRADES	PEOPLE IN AREA	SES	SOCIOECONOMIC STATUS					TOTAL
FREQUENCY PERCENT ROW PCT COL PCT		ADM/PROF /UPP MNG	SPROF/TE CH/M MNG	SUPER/FO RE/SKILL	UN/SEMI SKILLED	HOMEMAKE R	SELF-EMP LOYED	STUDENT	
DONT KNOW	3	20	15	20	17	5	5	7	.
.
.
NO RESPONSE	0	4	1	3	3	0	2	0	.
.
.
VERY SATISFIED	2	22	18	22	20	0	12	8	103
.	.	2.31	1.88	2.27	2.13	0.00	1.26	0.87	10.72
.	.	21.58	17.51	21.15	19.90	0.00	11.73	8.13	
.	.	11.41	11.71	12.19	8.89	0.00	10.40	16.39	
SATISFIED	19	141	98	112	165	28	78	33	654
.	.	14.69	10.28	11.70	17.19	2.94	8.11	3.45	68.95
.	.	21.49	15.03	17.12	25.15	4.30	11.87	5.04	
.	.	72.43	64.08	62.92	71.65	79.75	67.11	64.77	
NEUTRAL	0	1	4	3	5	0	4	1	19
.	.	0.13	0.44	0.35	0.52	0.00	0.44	0.09	1.96
.	.	6.63	22.22	17.74	26.71	0.00	22.22	4.48	
.	.	0.64	2.72	1.87	2.18	0.00	3.61	1.65	
DISSATISFIED	1	26	27	36	34	7	19	8	158
.	.	2.75	2.83	3.71	3.58	0.75	2.02	0.83	16.47
.	.	16.72	17.20	22.54	21.73	4.53	12.26	5.01	
.	.	13.58	17.67	19.96	14.92	20.25	16.70	15.53	
VERY DISATISFIED	0	4	6	5	5	0	3	1	24
.	.	0.39	0.61	0.57	0.57	0.00	0.26	0.09	2.49
.	.	15.80	24.54	22.85	22.70	0.00	10.58	3.53	
.	.	1.94	3.82	3.06	2.36	0.00	2.18	1.65	
TOTAL	.	194	153	178	230	35	116	51	957
.	.	20.28	16.03	18.60	23.99	3.68	12.09	5.32	100.00

STATISTICS FOR 2-WAY TABLES

WARNING: OVER 20% OF THE CELLS HAVE EXPECTED COUNTS LESS THAN 5.
TABLE IS SO SPARSE THAT CHI-SQUARE MAY NOT BE A VALID TEST.

CHI-SQUARE	19.710	DF=	24	PROB=	0.7131
PHI	0.144				
CONTINGENCY COEFFICIENT	0.142				
CRAMER'S V	0.072				
LIKELIHOOD RATIO CHISQUARE	24.940	DF=	24	PROB=	0.4090

TABLE OF REPAIRS BY SES

REPAIRS		ANY TYPE OF REPAIRS NEEDED				SES	SOCIOECONOMIC STATUS			
FREQUENCY	PERCENT	ADM/PROF	SPROF/TE	SUPER/FO	UN/SEMI	HOMEMAKE	SELF-EMP	STUDENT		TOTAL
ROW PCT	COL PCT	/UPP MNG	CH/M MNG	RE/SKILL	SKILLED	R	LOYED			
YES	12	77	71	93	120	17	57	26		461
	.	7.26	6.71	8.77	11.34	1.63	5.42	2.44		43.57
	.	16.66	15.41	20.14	26.02	3.74	12.43	5.60		
	.	35.30	41.95	46.24	48.10	42.78	46.67	44.54		
NO	13	141	98	108	129	23	66	32		597
	.	13.30	9.29	10.20	12.23	2.18	6.19	3.04		56.43
	.	23.57	16.46	18.07	21.67	3.86	10.97	5.39		
	.	64.70	58.05	53.76	51.90	57.22	53.33	55.46		
TOTAL	.	218	169	201	249	40	123	58		1058
	.	20.56	16.01	18.97	23.57	3.81	11.61	5.48		100.00

STATISTICS FOR 2-WAY TABLES

CHI-SQUARE 9.415 DF= 6 PROB=0.1515
 PHI 0.094
 CONTINGENCY COEFFICIENT 0.094
 CRAMER'S V 0.094
 LIKELIHOOD RATIO CHISQUARE 9.517 DF= 6 PROB=0.1465

TABLE OF BEGIN BY SES

BEGIN	PLAN TO BEGIN REPAIRS IN NEXT YEAR?	SES	SOCIOECONOMIC STATUS						TOTAL		
FREQUENCY	PERCENT	ROW PCT	COL PCT	ADM/PROF /UPP MNG	SPROF/TE CH/M MNG	SUPER/FO RE/SKILL	UN/SEMI SKILLED	HOMEMAKE R	SELF-EMP LOYED	STUDENT	TOTAL
NOT APPLICABLE	13	141	98	108	129	23	66	32	.	.	.
DONT KNOW	1	2	1	2	6	1	0	0	.	.	.
NO RESPONSE	0	1	0	0	0	0	1	0	.	.	.
YES	5	38	38	52	57	5	25	10	226	50.45	
	.	8.59	8.50	11.67	12.80	1.03	5.52	2.33			
	.	17.03	16.86	23.13	25.37	2.04	10.93	4.62			
	.	52.03	54.48	57.27	50.18	28.12	43.99	40.37			
NO	5	30	25	34	52	12	26	12	191	42.71	
	.	6.71	5.60	7.68	11.58	2.64	5.80	2.70			
	.	15.71	13.11	17.98	27.12	6.17	13.59	6.32			
	.	40.63	35.87	37.67	45.40	71.88	46.28	46.74			
POSSIBLY	1	5	7	5	5	0	5	3	31	6.84	
	.	1.21	1.51	1.03	1.13	0.00	1.22	0.74			
	.	17.70	22.01	15.07	16.51	0.00	17.82	10.88			
	.	7.33	9.65	5.06	4.43	0.00	9.73	12.89			
TOTAL	.	74	70	91	114	16	56	26	447	100.00	
	.	16.52	15.61	20.38	25.51	3.67	12.54	5.78			

STATISTICS FOR 2-WAY TABLES

CHI-SQUARE	14.223	DF=	12	PROB=	0.2867
PHI	0.178				
CONTINGENCY COEFFICIENT	0.176				
CRAMER'S V	0.126				
LIKELIHOOD RATIO CHISQUARE	14.893	DF=	12	PROB=	0.2473

TABLE OF RENTOWN BY SES

RENTOWN	RENT OR OWN YOUR HOME?	SES	SOCIOECONOMIC STATUS						TOTAL	
FREQUENCY PERCENT ROW PCT COL PCT			ADM/PROF /UPP MNG	SPROF/TE CH/M MNG	SUPER/FO RE/SKILL	UN/SEMI SKILLED	HOMEMAKE R	SELF-EMP LOYED	STUDENT	
OTHER	0	2	0	0	3	0	0	1	.	
.	
.	
NO RESPONSE	0	0	0	1	0	0	0	0	.	
.	
.	
RENT	13	44	39	64	82	17	15	32	292	
.	.	4.21	3.66	6.06	7.76	1.64	1.47	3.02	27.81	
.	.	15.14	13.17	21.79	27.89	5.89	5.28	10.84		
.	.	20.54	22.74	31.86	33.13	42.69	12.57	55.44		
OWN	11	171	131	136	165	23	107	25	759	
.	.	16.29	12.45	12.96	15.65	2.20	10.22	2.42	72.19	
.	.	22.57	17.25	17.95	21.68	3.04	14.15	3.36		
.	.	79.46	77.26	68.14	66.87	57.31	87.43	44.56		
TOTAL	.	215	169	200	246	40	123	57	1051	
.	.	20.50	16.11	19.02	23.41	3.83	11.69	5.44	100.00	

STATISTICS FOR 2-WAY TABLES

CHI-SQUARE 53.336 DF= 6 PROB=0.0001
 PHI 0.225
 CONTINGENCY COEFFICIENT 0.220
 CRAMER'S V 0.225
 LIKELIHOOD RATIO CHISQUARE 53.082 DF= 6 PROB=0.0001