CALIFORNIA UTILITY EQUIPMENT USE SURVEY 1981 - 1982

DATA BOOK

Prepared in Support of:

THE CALIFORNIA AIR RESOURCES BOARD

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By:

CIC Research, Inc.
1215 Cushman Avenue
San Diego, CA 92110

LIBRARY
CALIFORNIA AIR RESOURCES BOA
P. O. Box 2815
Sacramento, CA 95812

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INTRODUCTION

This book contains tabulations of survey data that were prepared by using the SPSS computer programs and were used to construct the tables in the main report. In addition, other data tabulations are included that were not used in the main report but may be of general interest to certain readers. The normal SPSS print-outs contain statistical computations that may not apply to the case under consideration. For this data book, these inapplicable computations have been deleted to avoid confusing the reader.

The following page contains a guide that shows the print-outs that were used to develop each table in the main report. Data sources are also given for these tables that were not derived from SPSS printouts.

A data tape containing the complete survey data was provided to the ARB. Tabulations and data analyses that are not in this data book can be prepared directly from the tape.

GUIDE TO DATA TABULATIONS

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EMISSIONS* CALCULATIONS FOR 1979 INVENTORY

$$\left[(\text{res.pop})(\text{res.process rate}) + (\text{comm.pop})(\text{comm.process rate})\right]\left[\text{emission factor}\right]$$

Equipment Category	Hydrocarbons	Part	SO_x	No_x	CO
Walk-Behind Mowers	$[(2014243)(32.6) + (92260)(346.1)][(214)(.04) + (23.2)(.96)]$	Calculate as for hydrocarbons except use emission factor for the desired pollutant.			
Riding Mowers	$[(60449)(103.4) + (11342)(1,679.6)][(214)(.04) + (23.2)(.96)]$				
Garden Tractors	$[(22339)(194.4) + (4192)(1,555.2)][(214)(.04) + (23.2)(.96)]$				
Tillers	$[(96643)(28.8) + (76351)(172.8)][(214)(.04) + (23.2)(.96)]$				
Misc. Lawn and Garden	$[(796508)(10.2) + (36483)(171.0)][(214)(.04) + (23.2)(.96)]$				
Chain Saws	$[(537374)(15.0) + (39108)(740.0)][116.7]$				
Home Utility	$[(381751)(144.0) + (233445)(672.0)][15.2]$				

*The computations, as shown, will give emissions in grams/year. It is customary to convert to tons/day or tons/year for most inventories.

HOUSEHOLD SAMPLE ALLOCATION

	1980 Census			Sample Per Wave				
	Number of Housing Units	Percent of Sample	Percent of Housing Units	Fall	Winter	Spring	Summer	Total
BAY AREA	2,062,201	24.97	34.82	168	168	167	168	671
Alameda	444,607	5.38	5.73	28	27	27	28	110
Contra Costa	252,226	3.05	4.32	20	21	21	21	83
Marin	92,903	1.12	2.62	12	13	12	13	50
Napa	40,052	0.48	1.72	9	9	9	8	35
San Francisco	316,609	3.83	4.84	24	23	23	23	93
San Mateo	233,494	2.82	4.15	20	20	20	20	80
Santa Clara	473,817	5.74	5.92	29	28	29	28	114
Solano	84,270	1.02	2.50	12	12	12	12	48
Sonoma	124,223	1.50	3.03	14	15	14	15	58
SOUTH COAST	5,145,615	62.31	42.70	205	206	206	205	822
Los Angeles	2,855,755	34.58	14.53	70	70	70	70	280
Orange	720,984	8.73	7.30	35	35	35	35	140
Riverside	295,119	3.57	4.67	22	23	23	22	90
San Bernardino	369,534	4.47	5.23	25	25	25	25	100
San Diego	720,346	8.72	7.30	35	35	35	35	140
Ventura	183,857	2.22	3.69	18	18	18	18	72
CENTRAL VALLEY	1,050,551	12.72	22.47	109	108	108	108	433
Fresno	193,771	2.35	3.78	18	18	18	19	73
Kern	155,702	1.89	3.39	17	16	16	16	65
Merced	50,050	0.61	1.92	9	10	9	9	37
Sacramento	323,702	3.92	4.89	23	24	23	24	94
San Joaquin	136,001	1.65	3.17	16	15	15	15	61
Stanislaus	102,537	1.24	2.75	13	13	14	13	53
Tulare	88,788	1.08	2.56	13	12	13	12	50
TOTAL SAMPLE UNIVERSE	8,258,367	100.00%	100.00%	482	482	481	481	1,926
TOTAL STATE	9,279,330							
PERCENTAGE OF STATE	89%							

Source: Data on housing units obtained from State Census Data Center, Sacramento.

File TYP1 (Creation date = 13-Oct-82) CA.UTILITY EQUIP. : 1981-1982

* * * * * * * * * * * * * * * * * * * C R O S S T A B U L A T I O N O F * * * * * * * * * * * * * * * * * * *

A18 TYPE OF DWELLING by REG REGION OF THE STATE

A18	Count / Row % / Col % / Total %	REG 1. BAY AREA	2. CENTRAL VALLEY	3. SOUTH COAST	Row Total
1. SINGLE UNIT	Count	466	307	526	1299
	Row %	35.9	23.6	40.5	67.0
	Col %	67.9	70.7	64.2	
	Total %	23.7	16.0	27.4	
2. MOBILE HOME	Count	19	43	48	110
	Row %	17.3	39.1	43.6	5.7
	Col %	2.8	9.9	5.9	
	Total %	1.0	2.2	2.5	
3. 2 - 4 UNITS	Count	76	34	79	189
	Row %	40.2	18.0	41.8	9.8
	Col %	11.3	7.8	9.6	
	Total %	4.0	1.8	4.1	
4. 5 OR MORE UNITS	Count	117	50	160	327
	Row %	35.8	15.3	48.9	17.0
	Col %	17.5	11.5	19.5	
	Total %	6.1	2.6	8.3	
5. OTHER <DORM,ETC.	Count	3	0	6	9
	Row %	33.3	0.0	66.7	0.5
	Col %	0.4	0.0	0.7	
	Total %	0.2	0.0	0.3	
Column Total	Count	670	434	819	1933
	Total %	34.8	22.6	42.6	100.0

File TYP1 (Creation date = 13-Oct-82) CA.UTILITY EQUIP. : 1981-1982

* C R O S S T A B U L A T I O N O F *

A21 RENT OR OWN by PSG REGION OF THE STATE

A21	PSG Count : Row % : Col % : Total % :	BAY AREA 1.	CENTRAL VALLEY 2.	SOUTH CO AST 3.	Row Total
RENT	1.	229 35.1 34.3 12.0	134 20.5 31.1 7.0	290 44.4 35.6 15.2	653 34.2
OWN	2.	438 34.8 65.7 22.9	297 23.6 68.9 15.5	524 41.6 64.4 27.4	1259 65.9
	Column Total	667 34.9	431 22.5	814 42.6	1912 100.0

File TYP1 (Creation date = 13-Oct-82) CA.UTILITY EQUIP. : 1981-1982

* C R O S S T A B U L A T I O N O F *

A24 ANNUAL HOUSEHOLD INCOME by REG REGION OF THE STATE

	REG			
Count / Row % / Col % / Total %	BAY AREA 1.	CENTRAL VALLEY 2.	SOUTH CO AST 3.	Row Total
A24				
1. LT $10,000	80	78	104	262
	30.5	29.8	39.7	18.2
	15.7	23.4	17.5	
	5.6	5.4	7.2	
2. $10,000-$20,000	106	94	159	359
	29.5	26.2	44.3	25.0
	20.8	28.1	26.8	
	7.4	6.5	11.1	
3. $20,000-$30,000	134	77	137	348
	38.5	22.1	39.4	24.2
	26.3	23.1	23.1	
	9.3	5.4	9.5	
4. $30,000-$40,000	76	50	84	210
	36.2	23.8	40.0	14.6
	14.9	15.0	14.1	
	5.3	3.5	5.8	
5. $40,000-$50,000	57	19	45	121
	47.1	15.7	37.2	8.4
	11.2	5.7	7.6	
	4.0	1.3	3.1	
6. OVER $50,000	57	16	65	138
	41.3	11.6	47.1	9.6
	11.2	4.8	10.9	
	4.0	1.1	4.5	
Column Total	510	334	594	1438
	35.5	23.2	41.3	100.0

File TYP1 (Creation date = 13-Oct-82) CA.UTILITY EQUIP. : 1981-1982

* C R O S S T A B U L A T I O N O F * * * * * * * * * * * * * * * * * * *

A19 HAVE LAWN AND-OR GARDEN by REG REGION OF THE STATE

A19	Count / Row % / Col % / Total %	REG BAY AREA 1.	CENTRAL VALLEY 2.	SOUTH CO AST 3.	Row Total
1. NO		141	50	148	339
		41.5	14.7	43.7	17.6
		21.0	11.5	18.0	
		7.3	2.6	7.7	
2. YES,LAWN		193	209	335	743
		26.8	28.1	45.1	38.6
		29.6	48.2	40.9	
		10.3	10.9	17.4	
3. YES,GARDEN		73	23	49	145
		50.3	15.9	33.8	7.5
		10.9	5.3	6.0	
		3.8	1.2	2.5	
4. YES,BOTH		259	152	289	699
		37.1	21.7	41.2	36.3
		38.5	35.0	35.1	
		13.4	7.9	15.0	
Column Total		672	434	820	1926
		34.9	22.5	42.6	100.0

File TYP1 (Creation date = 13-Oct-82) CA.UTILITY EQUIP. : 1981-1982

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A20 WHO DOES LANDSCAPE MAINTENANCE by REG REGION OF THE STATE

A20	REG Count / Row % / Col % / Total %	1. BAY AREA	2. CENTRAL VALLEY	3. SOUTH COAST	Row Total
1. OWN HOUSEHOLD	Count	382	281	405	1068
	Row %	35.8	26.3	37.9	67.3
	Col %	71.9	73.0	60.4	
	Total %	24.1	17.7	25.5	
2. OUTSIDE SERVICE	Count	148	101	264	513
	Row %	28.8	19.7	51.5	32.3
	Col %	27.9	26.2	39.3	
	Total %	9.3	6.4	16.6	
3.	Count	1	3	2	6
	Row %	16.7	50.0	33.3	0.4
	Col %	0.2	0.8	0.3	
	Total %	0.1	0.2	0.1	
Column Total		531	385	671	1587
		33.5	24.3	42.3	100.0

File TYP1 (Creation date = 13-Oct-82) CA.UTILITY EQUIP. : 1981-1982

* * * * * C R O S S T A B U L A T I O N O F * * * * *
A22 NUMBER OF ADULTS 18 AND UP IN HOUSEHOLD by REG REGION OF THE STATE

A22 (Count / Row % / Col % / Total %)	REG: BAY AREA 1.	CENTRAL VALLEY 2.	SOUTH COAST 3.	Row Total
1.	156 37.0 23.5 8.2	91 21.6 21.3 4.8	175 41.5 21.5 9.2	422 22.2
2.	369 32.7 55.7 19.4	274 24.2 64.2 14.4	487 43.1 59.8 25.6	1130 59.3
3.	94 39.2 14.2 4.9	47 19.6 11.0 2.5	99 41.3 12.2 5.2	240 12.6
4.	32 39.5 4.8 1.7	12 14.8 2.8 0.6	37 45.7 4.5 1.9	81 4.3
5.	5 29.4 0.8 0.3	1 5.9 0.2 0.1	11 64.7 1.4 0.6	17 0.9
6.	5 55.6 0.8 0.3	0 0.0 0.0 0.0	4 44.4 0.5 0.2	9 0.5
7.	1 100.0 0.2 0.1	0 0.0 0.0 0.0	0 0.0 0.0 0.0	1 0.1
Column Total	663 34.8	427 22.4	814 42.8	1904 100.0

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File TYP1 (Creation date = 13-Oct-82) CA.UTILITY EQUIP. : 1981-1982

* * * * * * * * * * * * * * * * * * C R O S S T A B U L A T I O N O F * * * * * * * * * * * * * * * * * *

A22 NUMBER OF ADULTS 16 AND UP IN HOUSEHOLD by REG REGION OF THE STATE

A22 (Count / Row % / Col % / Total %)	REG: BAY AREA 1.	CENTRAL VALLEY 2.	SOUTH COAST 3.	Row Total
8.	1	0	1	2
	50.0	0.0	50.0	0.1
	0.2	0.0	0.1	
	0.1	0.0	0.1	
10.	0	1	0	1
	0.0	100.0	0.0	0.1
	0.0	0.2	0.0	
	0.0	0.1	0.0	
13.	0	1	0	1
	0.0	100.0	0.0	0.1
	0.0	0.2	0.0	
	0.0	0.1	0.0	
Column Total	663	427	814	1904
	34.8	22.4	42.8	100.0

File TYP1 (Creation date = 13-Oct-82) CA.UTILITY EQUIP. : 1981-1982

DESCRIPTION OF SUBPOPULATIONS

Criterion variable A22 NUMBER OF ADULTS 16 AND UP IN HOUSEHOLD
broken down by REG REGION OF THE STATE

Variable	Code	Value label	Sum	Mean	Std dev	Variance	N
For entire population			3911.0000	2.0541	0.9052	0.8195	(1904)
REG	1.	BAY AREA	1374.0000	2.0724	0.9202	0.8467	(663)
REG	2.	CENTRAL VALLEY	856.0000	2.0047	0.9415	0.8920	(427)
REG	3.	SOUTH COAST	1681.0000	2.0651	0.8715	0.7596	(814)

Total cases = 1930
Missing cases = 26 or 1.3%

File TYP1 (Creation date = 13-Oct-82) CA.UTILITY EQUIP. : 1981-1982

* C R O S S T A B U L A T I O N O F *

A23 NUMBER OF CHILDREN UNDER 18 IN HOUSEHOLD by REG REGION OF THE STATE

	REG			
Count / Row % / Col % / Total %	BAY AREA 1.	CENTRAL VALLEY 2.	SOUTH COAST 3.	Row Total
A23				
0.	410	254	495	1159
	35.4	21.9	42.7	61.4
	62.2	59.2	62.0	
	21.7	13.5	26.2	
1.	105	63	138	306
	34.3	20.6	45.1	16.2
	15.9	14.7	17.3	
	5.6	3.3	7.3	
2.	95	70	112	277
	34.3	25.3	40.4	14.7
	14.4	16.3	14.0	
	5.0	3.7	5.9	
3.	33	31	35	99
	33.3	31.3	35.4	5.2
	5.0	7.2	4.4	
	1.7	1.6	1.9	
4.	11	5	13	29
	37.9	17.2	44.8	1.5
	1.7	1.2	1.6	
	0.6	0.3	0.7	
5.	4	2	4	10
	40.0	20.0	40.0	0.5
	0.6	0.5	0.5	
	0.2	0.1	0.2	
6.	1	3	2	6
	16.7	50.0	33.3	0.3
	0.2	0.7	0.3	
	0.1	0.2	0.1	
Column Total	659	429	799	1887
	34.9	22.7	42.3	100.0

(Continued)

File TYP1 (Creation date = 13-Oct-82) CA.UTILITY EQUIP. : 1981-1982

* * * * * * * * * * * * * * * * * * C R O S S T A B U L A T I O N O F * * * * * * * * * * * * * * * * * *

A23 NUMBER OF CHILDREN UNDER 16 IN HOUSEHOLD by REG REGION OF THE STATE

A23	REG → Count / Row % / Col % / Total %	BAY AREA 1.	CENTRAL VALLEY 2.	SOUTH CO AST 3.	Row Total
	7.	0	1	0	1
		0.0	100.0	0.0	0.1
		0.0	0.2	0.0	
		0.0	0.1	0.0	
	Column Total	659	429	799	1887
		34.9	22.7	42.3	100.0

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File TYP1 (Creation date = 13-Oct-82) CA.UTILITY EQUIP. : 1981-1992

DESCRIPTION OF SUBPOPULATIONS

Criterion variable A23 NUMBER OF CHILDREN UNDER 16 IN HOUSEHOLD
broken down by REG REGION OF THE STATE

Variable	Code	Value label	Sum	Mean	Std dev	Variance	N
For entire population			1366.0000	0.7239	1.1032	1.2169	(1887)
REG	1.	BAY AREA	464.0000	0.7041	1.0799	1.1661	(659)
REG	2.	CENTRAL VALLEY	351.0000	0.8182	1.2053	1.4528	(429)
REG	3.	SOUTH COAST	551.0000	0.6896	1.0626	1.1291	(799)

Total cases = 1930
Missing cases = 43 or 2.2%

File TYP1 (Creation date = 13-Oct-82) CA.UTILITY EQUIP. : 1981-1982

* C R O S S T A B U L A T I O N O F *

A25 SEX OF RESPONDENT by REG REGION OF THE STATE

		REG			
	Count / Row % / Col % / Total %	1. BAY AREA	2. CENTRAL VALLEY	3. SOUTH COAST	Row Total
A25					
1. MALE		319	198	398	915
		34.9	21.6	43.5	48.2
		47.9	46.7	49.3	
		16.8	10.4	21.0	
2. FEMALE		347	226	410	983
		35.3	23.0	41.7	51.8
		52.1	53.3	50.7	
		18.3	11.9	21.6	
	Column Total	666	424	808	1898
		35.1	22.3	42.6	100.0

File TYP1 (Creation date = 13-Oct-82) CA.UTILITY EQUIP. : 1981-1982

C R O S S T A B U L A T I O N O F

A1 NO. OF WALK BEHIND LAWNMOWERS USED by REG REGION OF THE STATE

A1	REG Count / Row % / Col % / Total %	1. BAY AREA	2. CENTRAL VALLEY	3. SOUTH COAST	Row Total
0.		466	204	550	1220
		38.2	16.7	45.1	63.2
		69.2	46.9	66.9	
		24.1	10.6	28.5	
1.		206	228	267	701
		29.4	32.5	38.1	36.3
		30.6	52.4	32.5	
		10.7	11.8	13.8	
2.		1	2	5	8
		12.5	25.0	62.5	0.4
		0.1	0.5	0.6	
		0.1	0.1	0.3	
3.		0	1	0	1
		0.0	100.0	0.0	0.1
		0.0	0.2	0.0	
		0.0	0.1	0.0	
Column Total		673	435	822	1930
		34.9	22.5	42.6	100.0

File TYP1 (Creation date = 13-Oct-82) CA.UTILITY EQUIP. : 1981-1982

* C R O S S T A B U L A T I O N O F *

A2 NO. OF RIDING LAWNMOWERS USED by REG REGION OF THE STATE

* Page 1 of 1

A2	REG → Count / Row % / Col % / Total %	BAY AREA 1.	CENTRAL VALLEY 2.	SOUTH COAST 3.	Row Total
0.		670	428	818	1916
		35.0	22.3	42.7	99.3
		99.6	98.4	99.5	
		34.7	22.2	42.4	
1.		3	7	4	14
		21.4	50.0	28.6	0.7
		0.4	1.6	0.5	
		0.2	0.4	0.2	
Column Total		673 34.9	435 22.5	822 42.6	1930 100.0

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File TYP1 (Creation date = 13-Oct-82) CA.UTILITY EQUIP. : 1981-1982

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A3 NO. OF TILLERS USED by REG REGION OF THE STATE

		REG			
	Count / Row % / Col % / Total %	1. BAY AREA	2. CENTRAL VALLEY	3. SOUTH COAST	Row Total
A3					
0.		641	394	805	1840
		34.8	21.4	43.8	95.3
		95.2	90.6	97.9	
		33.2	20.4	41.7	
1.		32	39	17	88
		36.4	44.3	19.3	4.6
		4.8	9.0	2.1	
		1.7	2.0	0.9	
2.		0	2	0	2
		0.0	100.0	0.0	0.1
		0.0	0.5	0.0	
		0.0	0.1	0.0	
Column Total		673	435	822	1930
		34.9	22.5	42.6	100.0

File TYP1 (Creation date = 13-Oct-82) CA.UTILITY EQUIP. : 1981-1982

* * * * * * * * * * C R O S S T A B U L A T I O N O F * * * * * * * * * *

A4 NO. OF GARDEN TRACTORS USED by REG REGION OF THE STATE

A4 (Count / Row % / Col % / Total %)	REG: BAY AREA 1.	CENTRAL VALLEY 2.	SOUTH COAST 3.	Row Total
0.	669	425	317	1911
	35.0	22.2	42.3	99.0
	99.4	97.7	99.4	
	34.7	22.0	42.3	
1.	4	10	9	19
	21.1	52.6	26.3	1.0
	0.6	2.3	0.5	
	0.2	0.5	0.3	
Column Total	673	435	822	1930
	34.9	22.5	42.6	100.0

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File TYP1 (Creation date = 13-Oct-82) CA.UTILITY EQUIP. : 1981-1982

* C R O S S T A B U L A T I O N O F *

A5 NO. OF BLOWERS USED by REG REGION OF THE STATE

	REG			
Count / Row % / Col % / Total %	1. BAY AREA	2. CENTRAL VALLEY	3. SOUTH COAST	Row Total
A5				
0.	668	434	817	1919
	34.8	22.6	42.6	99.4
	99.3	99.3	99.4	
	34.6	22.5	42.3	
1.	5	1	5	11
	45.5	9.1	45.5	0.6
	0.7	0.2	0.6	
	0.3	0.1	0.3	
Column Total	673	435	822	1930
	34.9	22.5	42.6	100.0

21

File TYP1 (Creation date = 13-Oct-82) CA.UTILITY EQUIP. : 1981-1982

* C R O S S T A B U L A T I O N O F *

A6 NO. OF EDGERS USED by REG REGION OF THE STATE

* Page 1 of 1

A6	Count / Row % / Col % / Total %	BAY AREA 1.	CENTRAL VALLEY 2.	SOUTH COAST 3.	Row Total
0.	Count	663	389	766	1818
	Row %	36.5	21.4	42.1	94.2
	Col %	98.5	89.4	93.2	
	Total %	34.4	20.2	39.7	
1.	Count	10	46	56	112
	Row %	8.9	41.1	50.0	5.8
	Col %	1.5	10.6	6.8	
	Total %	0.5	2.4	2.9	
Column Total		673	435	822	1930
		34.9	22.5	42.6	100.0

22

File TYP1 (Creation date = 13-Oct-82) CA.UTILITY EQUIP. : 1981-1982

* C R O S S T A B U L A T I O N O F * * * * * * * * * * * * * * * * * * *

A7 NO. OF TRIMMERS USED by REG REGION OF THE STATE

	REG			
Count / Row % / Col % / Total %	1. BAY AREA	2. CENTRAL VALLEY	3. SOUTH CO AS1	Row Total
A7				
0.	668	423	815	1907
	35.0	22.2	42.8	98.8
	99.3	97.2	99.3	
	34.6	21.9	42.3	
1.	5	12	5	22
	22.7	54.5	22.7	1.1
	0.7	2.8	0.6	
	0.3	0.6	0.3	
2.	0	0	1	1
	0.0	0.0	100.0	0.1
	0.0	0.0	0.1	
	0.0	0.0	0.1	
Column Total	673	435	822	1930
	34.9	22.5	42.6	100.0

File TYP1 (Creation date = 13-Oct-92) CA.UTILITY EQUIP. : 1991-1992

* * * * * * * * * * * * * * * * * * C R O S S T A B U L A T I O N O F * * * * * * * * * * * * * * * * * *

A8 NO. OF SHREDDERS USED by REG REGION OF THE STATE

* Page 1 of 1

A8	Count / Row % / Col % / Total %	REG: BAY AREA 1.	CENTRAL VALLEY 2.	SOUTH COAST 3.	Row Total
	0.	666	431	320	1917
		34.7	22.5	42.8	99.3
		99.0	99.1	99.4	
		34.5	22.3	42.5	
	1.	7	4	2	13
		53.8	30.8	15.4	0.7
		1.0	0.9	0.2	
		0.4	0.2	0.1	
	Column Total	673	435	322	1930
		34.9	22.5	42.6	100.0

84

File TYP1 (Creation date = 13-Oct-82) CA.UTILITY EQUIP. : 1981-1982

* C R O S S T A B U L A T I O N O F * * * * * * * * * * * * * * * * * *
A9 NO. OF YARD VACCUUMS USED by REG REGION OF THE STATE
* Page 1 of 1

	REG			
Count / Row % / Col % / Total %	BAY AREA 1.	CENTRAL VALLEY 2.	SOUTH CO AS1 3.	Row Total
A9				
0.	671	432	818	1921
	34.9	22.5	42.6	99.5
	99.7	99.3	99.5	
	34.8	22.4	42.4	
1.	2	3	4	9
	22.2	33.3	44.4	0.5
	0.3	0.7	0.5	
	0.1	0.2	0.2	
Column Total	673	435	822	1930
	34.9	22.5	42.6	100.0

File TYP1 (Creation Date = 13-Oct-82) CA.UTILITY EQUIP. : 1981-1982

C R O S S T A B U L A T I O N O F

A12 NO. OF CHAINSAWS USED by REG REGION OF THE STATE

A12	REG Count : Row % : Col % : Total % :	1. BAY AREA	2. CENTRAL VALLEY	3. SOUTH CO AS1	Row Total
0.		617	358	771	1746
		35.3	20.5	44.2	90.5
		91.7	82.3	83.8	
		32.0	18.6	39.9	
1.		52	71	49	172
		30.2	41.3	28.5	8.9
		7.7	16.3	5.3	
		2.7	3.7	2.5	
2.		4	6	2	12
		33.3	50.0	16.7	0.6
		0.6	1.4	0.2	
		0.2	0.3	0.1	
Column Total		673 34.9	435 22.5	822 42.6	1930 100.0

File TYP1 (Creation date = 13-Oct-82) CA.UTILITY EQUIP. : 1981-1982

* * * * * * * * * * * * * * * * * * * C R O S S T A B U L A T I O N O F * * * * * * * * * * * * * * * * * * *

A13 NO. OF AIR COMPRESSORS USED by REG REGION OF THE STATE

	REG			
Count / Row % / Col % / Total %	1. BAY AREA	2. CENTRAL VALLEY	3. SOUTH COAST	Row Total
A13				
0.	672	433	817	1922
	35.0	22.5	42.5	99.6
	99.9	99.5	99.4	
	34.8	22.4	42.3	
1.	1	2	5	8
	12.5	25.0	62.5	0.4
	0.1	0.5	0.6	
	0.1	0.1	0.3	
Column Total	673	435	822	1930
	34.9	22.5	42.6	100.0

File TYP1 (Creation date = 14-Oct-82) CA.UTILITY EQUIP. : 1981-1982

* C R O S S T A B U L A T I O N O F * * * * * * * * * * * * * * * * * *

A14 NO. OF ELECTRIC GENERATORS USED by REG REGION OF THE STATE

		REG			
	Count / Row % / Col % / Total %	BAY AREA 1.	CENTRAL VALLEY 2.	SOUTH COAST 3.	Row Total
A14					
0.	665	429	817	1911	
	34.8	22.4	42.8	99.0	
	98.8	98.6	99.4		
	34.5	22.2	42.3		
1.	8	6	5	19	
	42.1	31.6	26.3	1.0	
	1.2	1.4	0.6		
	0.4	0.3	0.3		
Column Total	673	435	822	1930	
	34.9	22.5	42.6	100.0	

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File TYP1 (Creation date = 13-Oct-82) CA.UTILITY EQUIP. : 1981-1992

DESCRIPTION OF SUBPOPULATIONS

Criterion variable A1 NO. OF WALK BEHIND LAWNMOWERS USED
broken down by REG REGION OF THE STATE

Variable	Code	Value Label	Sum	Mean	Std dev	Variance	N
For entire population			720.0000	0.3731	0.4954	0.2454	(1930)
REG	1.	BAY AREA	208.0000	0.3091	0.4657	0.2168	(673)
REG	2.	CENTRAL VALLEY	235.0000	0.5402	0.5215	0.2720	(435)
REG	3.	SOUTH COAST	277.0000	0.3370	0.4807	0.2359	(822)

Total cases = 1930

82

File TYP1 (Creation date = 13-Oct-92) CA.UTILITY EQUIP. : 1981-1992

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Criterion variable A2 NO. OF RIDING LAWNMOWERS USED
Broken down by REG REGION OF THE STATE

Variable	Code	Value label	Sum	Mean	Std dev	Variance	N
For entire population			14.0000	0.0073	0.0849	0.0072	(1930)
REG	1.	BAY AREA	3.0000	0.0045	0.0667	0.0044	(673)
REG	2.	CENTRAL VALLEY	7.0000	0.0161	0.1260	0.0159	(435)
REG	3.	SOUTH COAST	4.0000	0.0049	0.0696	0.0048	(822)

Total cases = 1930

30

File TYP1 (Creation date = 13-Oct-82) CA.UTILITY EQUIP. : 1981-1982

DESCRIPTION OF SUBPOPULATIONS

Criterion variable A3 NO. OF TILLERS USED
broken down by REG REGION OF THE STATE

Variable	Code	Value label	Sum	Mean	Std dev	Variance	N
For entire population			92.0000	0.0477	0.2179	0.0475	(1930)
REG	1.	BAY AREA	32.0000	0.0475	0.2130	0.0454	(673)
REG	2.	CENTRAL VALLEY	43.0000	0.0989	0.3139	0.0985	(435)
REG	3.	SOUTH COAST	17.0000	0.0207	0.1424	0.0203	(822)

Total cases = 1930

File TYP1 (Creation date = 13-Oct-82) CA.UTILITY EQUIP. : 1981-1982

DESCRIPTION OF SUBPOPULATIONS

Criterion variable A4 NO. OF GARDEN TRACTERS USED
broken down by REG REGION OF THE STATE

Variable	Code	Value label	Sum	Mean	Std dev	Variance	N
For entire population			19.0000	0.0098	0.0988	0.0098	(1930)
REG	1.	BAY AREA	4.0000	0.0059	0.0769	0.0059	(673)
REG	2.	CENTRAL VALLEY	10.0000	0.0230	0.1500	0.0225	(435)
REG	3.	SOUTH COAST	5.0000	0.0061	0.0778	0.0061	(822)

Total cases = 1930

File TAP1 (Creation date = 13-Oct-82) CA.UTILITY EQUIP. : 1981-1982

DESCRIPTION OF SUBPOPULATIONS

Criterion variable A5 NO. OF BLOWERS USED
broken down by REG REGION OF THE STATE

Variable	Code	Value label	Sum	Mean	Std dev	Variance	N
For entire population			11.0000	0.0057	0.0753	0.0057	(1930)
REG	1.	BAY AREA	5.0000	0.0074	0.0859	0.0074	(673)
REG	2.	CENTRAL VALLEY	1.0000	0.0023	0.0479	0.0023	(435)
REG	3.	SOUTH COAST	5.0000	0.0061	0.0778	0.0061	(822)

Total cases = 1930

File TYP1 (Creation date = 13-Oct-82) CA.UTILITY EQUIP. : 1981-1982

DESCRIPTION OF SUBPOPULATIONS

Criterion variable A6 NO. OF EDGERS USED
broken down by REG REGION OF THE STATE

Variable	Code	Value label	Sum	Mean	Std dev	Variance	N
For entire population			112.0000	0.0590	0.2339	0.0547	(1930)
REG	1.	BAY AREA	10.0000	0.0149	0.1211	0.0147	(673)
REG	2.	CENTRAL VALLEY	46.0000	0.1057	0.3079	0.0948	(435)
REG	3.	SOUTH COAST	56.0000	0.0681	0.2521	0.0636	(822)

Total cases = 1930

File TYP1 (Creation date = 13-Oct-82) CA.UTILITY EQUIP. : 1981-1982

D E S C R I P T I O N O F S U B P O P U L A T I O N S

Criterion variable A7 NO. OF TRIMMERS USED
broken down by REG REGION OF THE STATE

Variable	Code	Value label	Sum	Mean	Std dev	Variance	N
For entire population			24.0000	0.0124	0.1154	0.0133	(1930)
REG	1.	BAY AREA	5.0000	0.0074	0.0859	0.0074	(673)
REG	2.	CENTRAL VALLEY	12.0000	0.0276	0.1640	0.0269	(435)
REG	3.	SOUTH COAST	7.0000	0.0085	0.1044	0.0109	(822)

Total cases = 1930

File TYP1 (Creation date = 13-Oct-82) CA.UTILITY EQUIP. : 1981-1982

DESCRIPTION OF SUBPOPULATIONS

Criterion variable A8 NO. OF SHREDDERS USED
broken down by REG REGION OF THE STATE

Variable	Code	Value label	Sum	Mean	Std dev	Variance	N
For entire population			13.0000	0.0067	0.0818	0.0067	(1930)
REG	1.	BAY AREA	7.0000	0.0104	0.1015	0.0103	(673)
REG	2.	CENTRAL VALLEY	4.0000	0.0092	0.0956	0.0091	(435)
REG	3.	SOUTH COAST	2.0000	0.0024	0.0493	0.0024	(822)

Total cases = 1930

File TYP1 (Creation date = 13-Oct-82) CA.UTILITY EQUIP. : 1981-1982

DESCRIPTION OF SUBPOPULATIONS

Criterion variable A9 NO. OF YARD VACCUUMS USED
broken down by REG REGION OF THE STATE

Variable	Code	Value label	Sum	Mean	Std dev	Variance	N
For entire population			9.0000	0.0047	0.0681	0.0046	(1930)
REG	1.	BAY AREA	2.0000	0.0030	0.0545	0.0030	(673)
REG	2.	CENTRAL VALLEY	3.0000	0.0069	0.0829	0.0069	(435)
REG	3.	SOUTH COAST	4.0000	0.0049	0.0696	0.0048	(822)

Total cases = 1930

File TYP1 (Creation date = 13-Oct-82) CA.UTILITY EQUIP. : 1981-1982

DESCRIPTION OF SUBPOPULATIONS

Criterion variable A12 NO. OF CHAINSAWS USED
broken down by REG REGION OF THE STATE

Variable	Code	Value label	Sum	Mean	Std dev	Variance	N
For entire population			196.0000	0.1016	0.3221	0.1037	(1930)
REG	1.	BAY AREA	60.0000	0.0892	0.3053	0.0932	(673)
REG	2.	CENTRAL VALLEY	83.0000	0.1908	0.4271	0.1824	(435)
REG	3.	SOUTH COAST	53.0000	0.0645	0.2555	0.0653	(822)

Total cases = 1930

File TYP1 (Creation date = 13-Oct-82) CA.UTILITY EQUIP. : 1981-1982

- DESCRIPTION OF SUBPOPULATIONS - - - - - - - - - - - - - - - - - -

Criterion variable A13 NO. OF AIR COMPRESSORS USED
broken down by REG REGION OF THE STATE

Variable	Code	Value label	Sum	Mean	Std dev	Variance	N
For entire population			8.0000	0.0041	0.0642	0.0041	(1930)
REG	1.	BAY AREA	1.0000	0.0015	0.0385	0.0015	(673)
REG	2.	CENTRAL VALLEY	2.0000	0.0046	0.0677	0.0046	(435)
REG	3.	SOUTH COAST	5.0000	0.0061	0.0778	0.0061	(822)

Total cases = 1930

File TYP1 (Creation date = 13-Oct-82) CA.UTILITY EQUIP. : 1981-1982

DESCRIPTION OF SUBPOPULATIONS

Criterion variable A14 NO. OF ELECTRIC GENERATORS USED
Broken down by REG REGION OF THE STATE

Variable	Code	Value label	Sum	Mean	Std dev	Variance	N
For entire population			19.0000	0.0098	0.0988	0.0098	(1930)
REG	1.	BAY AREA	8.0000	0.0119	0.1085	0.0118	(673)
REG	2.	CENTRAL VALLEY	6.0000	0.0138	0.1166	0.0136	(435)
REG	3.	SOUTH COAST	5.0000	0.0061	0.0778	0.0061	(822)

Total cases = 1930

File TYP1 (Creation date = 14-Oct-82) CA.UTILITY EQUIP. : 1981-1982

* * * * * * * * * * * * * * * * * * C R O S S T A B U L A T I O N O F *
A1 NO. OF WALK BEHIND LAWNMOWERS USED by REG REGION OF THE STATE
Controlling for:
A21 RENT OR OWN Value = 1. RENT
* Page 1 of 1

A1	Count / Row % / Col % / Total %	REG: BAY AREA 1.	CENTRAL VALLEY 2.	SOUTH COAST 3.	Row Total
0.	Count	201	99	247	547
	Row %	36.7	18.1	45.2	83.8
	Col %	87.8	73.9	85.2	
	Total %	30.8	15.2	37.8	
1.	Count	28	35	43	106
	Row %	25.4	33.0	40.6	16.2
	Col %	12.2	26.1	14.8	
	Total %	4.3	5.4	6.6	
	Column Total	229	134	290	653
		35.1	20.5	44.4	100.0

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File TYP1 (Creation date = 14-Oct-82) CA.UTILITY EQUIP. : 1981-1982

* * * * * * * * * * * * * * * * * * C R O S S T A B U L A T I O N O F * * * * * * * * * * * * * * * * * *

A1 NO. OF WALK BEHIND LAWNMOWERS USED by REG REGION OF THE STATE

Controlling for:

A21 RENT OR OWN Value = 2. OWN

* Page 1 of 1

A1	Count / Row % / Col % / Total %	REG: BAY AREA 1.	CENTRAL VALLEY 2.	SOUTH COAST 3.	Row Total
0.	Count	262	105	298	665
	Row %	39.4	15.8	44.8	52.8
	Col %	59.8	35.4	56.9	
	Total %	20.8	8.3	23.7	
1.	Count	175	189	221	585
	Row %	29.9	32.3	37.8	46.5
	Col %	40.0	63.6	42.2	
	Total %	13.9	15.0	17.6	
2.	Count	1	2	5	8
	Row %	12.5	25.0	62.5	0.6
	Col %	0.2	0.7	1.0	
	Total %	0.1	0.2	0.4	
3.	Count	0	1	0	1
	Row %	0.0	100.0	0.0	0.1
	Col %	0.0	0.3	0.0	
	Total %	0.0	0.1	0.0	
Column Total		438	297	524	1259
		34.8	23.6	41.6	100.0

File TYP1 (Creation date = 14-Oct-82) CA.UTILITY EQUIP. : 1981-1982

* * * * * * * * * * * * * * * * * * C R O S S T A B U L A T I O N O F * * * * * * * * * * * * * * * * * *

A2 NO. OF RIDING LAWNMOWERS USED by REG REGION OF THE STATE

Controlling for:

A21 RENT OR OWN Value = 1. RENT

* Page 1 of 1

A2	Count / Row % / Col % / Total %	REG: BAY AREA 1.	CENTRAL VALLEY 2.	SOUTH COAST 3.	Row Total
0.		229 35.2 100.0 35.1	133 20.4 99.3 20.4	289 44.4 99.7 44.3	651 99.7
1.		0 0.0 0.0 0.0	1 50.0 0.7 0.2	1 50.0 0.3 0.2	2 0.3
	Column Total	229 35.1	134 20.5	290 44.4	653 100.0

File TYP1 (Creation date = 14-Oct-82) CA.UTILITY EQUIP. : 1981-1982

* * * * * * * * * * * * * * * * * * C R O S S T A B U L A T I O N O F * * * * * * * * * * * * * * * * * *

A2 NO. OF RIDING LAWNMOWERS USED by REG REGION OF THE STATE

Controlling for:

A21 RENT OR OWN Value = 2. OWN

* Page 1 of 1

A2	REG Count / Row % / Col % / Total %	BAY AREA 1.	CENTRAL VALLEY 2.	SOUTH COAST 3.	Row Total
0.		435	291	521	1247
		34.9	23.3	41.8	99.0
		99.3	98.0	99.4	
		34.6	23.1	41.4	
1.		3	6	3	12
		25.0	50.0	25.0	1.0
		0.7	2.0	0.6	
		0.2	0.5	0.2	
	Column	438	297	524	1259
	Total	34.8	23.6	41.6	100.0

File TYP1 (Creation date = 14-Oct-82) CA.UTILITY EQUIP. : 1981-1982

* * * * * * * * * * * * * * * * * * C R O S S T A B U L A T I O N O F *
A3 NO. OF TILLERS USED by REG REGION OF THE STATE
Controlling for:
A21 RENT OR OWN Value = 1. RENT
* Page 1 of 1

A3	Count / Row % / Col % / Total %	REG: BAY AREA 1.	CENTRAL VALLEY 2.	SOUTH COAST 3.	Row Total
0.	Count	225	130	239	644
	Row %	34.9	20.2	44.9	98.6
	Col %	98.3	97.0	99.7	
	Total %	34.5	19.9	44.3	
1.	Count	4	4	1	9
	Row %	44.4	44.4	11.1	1.4
	Col %	1.7	3.0	0.3	
	Total %	0.6	0.6	0.2	
Column Total		229	134	290	653
		35.1	20.5	44.4	100.0

File TYP1 (Creation date = 14-Oct-82) CA.UTILITY EQUIP. : 1981-1982

* * * * * * * * * * * * * * * * * * C R O S S T A B U L A T I O N O F * * * * * * * * * * * * * * * * * *
A3 NO. OF TILLERS USED by REG REGION OF THE STATE
Controlling for:
A21 RENT OR OWN Value = 2. OWN
* Page 1 of 1

REG

A3	Count / Row % / Col % / Total %	BAY AREA 1.	CENTRAL VALLEY 2.	SOUTH COAST 3.	Row Total
0.	Count	410	261	508	1179
	Row %	34.8	22.1	43.1	93.6
	Col %	93.6	87.9	96.9	
	Total %	32.6	20.7	40.3	
1.	Count	28	34	16	78
	Row %	35.9	43.6	20.5	6.2
	Col %	6.4	11.4	3.1	
	Total %	2.2	2.7	1.3	
2.	Count	0	2	0	2
	Row %	0.0	100.0	0.0	0.2
	Col %	0.0	0.7	0.0	
	Total %	0.0	0.2	0.0	
Column Total		438	297	524	1259
		34.8	23.6	41.6	100.0

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File   TYP1    (Creation date = 14-Oct-82)   CA.UTILITY EQUIP. : 1981-1982

* * * * * * * * * * * * * * * * * *  C R O S S T A B U L A T I O N   O F  * * * * * * * * * * * * * * * * * *
   A4      NO. OF GARDEN TRACTERS USED                    by  REG        REGION OF THE STATE
Controlling for:
   A21     RENT OR OWN                                    Value    =        1.  RENT
* * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *  Page  1 of  1
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REG

A4 (Count / Row % / Col % / Total %)	BAY AREA 1.	CENTRAL VALLEY 2.	SOUTH CO AST 3.	Row Total
0.	229	133	290	652
	35.1	20.4	44.5	99.8
	100.0	99.3	100.0	
	35.1	20.4	44.4	
1.	0	1	0	1
	0.0	100.0	0.0	0.2
	0.0	0.7	0.0	
	0.0	0.2	0.0	
Column Total	229	134	290	653
	35.1	20.5	44.4	100.0

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File TYP1 (Creation date = 14-Oct-82) CA.UTILITY EQUIP. : 1981-1982

* C R O S S T A B U L A T I O N O F * * * * * * * * * * * * * * * * * *

A4 NO. OF GARDEN TRACTERS USED by REG REGION OF THE STATE

Controlling for:

A21 RENT OR OWN Value = 2. OWN

* Page 1 of 1

A4	REG Count / Row % / Col % / Total %	1. BAY AREA	2. CENTRAL VALLEY	3. SOUTH COAST	Row Total
0.	Count	434	288	519	1241
	Row %	35.0	23.2	41.8	98.6
	Col %	99.1	97.0	99.0	
	Total %	34.5	22.9	41.2	
1.	Count	4	9	5	18
	Row %	22.2	50.0	27.8	1.4
	Col %	0.9	3.0	1.0	
	Total %	0.3	0.7	0.4	
Column Total		438	297	524	1259
		34.8	23.6	41.6	100.0

File TYP1 (Creation date = 14-Oct-82) CA.UTILITY EQUIP. : 1981-1982

* * * * * * * * * * * * * * * * * * C R O S S T A B U L A T I O N O F * * * * * * * * * * * * * * * * * *

A5 NO. OF BLOWERS USED by REG REGION OF THE STATE

Controlling for:

A21 RENT OR OWN Value = 1. RENT

* Page 1 of 1

A5	REG → Count / Row % / Col % / Total %	BAY AREA 1.	CENTRAL VALLEY 2.	SOUTH COAST 3.	Row Total
	0.	229	134	290	653
		35.1	20.5	44.4	100.0
		100.0	100.0	100.0	
		35.1	20.5	44.4	
	Column Total	229	134	290	653
		35.1	20.5	44.4	100.0

File TYP1 (Creation date = 14-Oct-82) CA.UTILITY EQUIP. : 1981-1982

* C R O S S T A B U L A T I O N O F *

A5 NO. OF BLOWERS USED by REG REGION OF THE STATE

Controlling for:

A21 RENT OR OWN Value = 2. OWN

* Page 1 of 1

A5	REG Count / Row % / Col % / Total %	BAY AREA 1.	CENTRAL VALLEY 2.	SOUTH CO AST 3.	Row Total
0.	Count	433	296	519	1248
	Row %	34.7	23.7	41.6	99.1
	Col %	98.9	99.7	99.0	
	Total %	34.4	23.5	41.2	
1.	Count	5	1	5	11
	Row %	45.5	9.1	45.5	0.9
	Col %	1.1	0.3	1.0	
	Total %	0.4	0.1	0.4	
Column Total		438 34.8	297 23.6	524 41.6	1259 100.0

File TYP1 (Creation date = 14-Oct-82) CA.UTILITY EQUIP. : 1981-1982

* C R O S S T A B U L A T I O N O F * * * * * * * * * * * * * * * * * *

A6 NO. OF EDGERS USED by REG REGION OF THE STATE

Controlling for:

A21 RENT OR OWN Value = 1. RENT

* Page 1 of 1

A6	REG Count / Row % / Col % / Total %	1. BAY AREA	2. CENTRAL VALLEY	3. SOUTH COAST	Row Total
0.		228	130	282	640
		35.6	20.3	44.1	98.0
		99.6	97.0	97.2	
		34.9	19.9	43.2	
1.		1	4	8	13
		7.7	30.8	61.5	2.0
		0.4	3.0	2.8	
		0.2	0.6	1.2	
Column Total		229	134	290	653
		35.1	20.5	44.4	100.0

File TYP1 (Creation date = 14-Oct-82) CA.UTILITY EQUIP. : 1981-1992

* * * * * * * * * * * * * * * * * * C R O S S T A B U L A T I O N O F * * * * * * * * * * * * * * * * * * *

A6 NO. OF EDGERS USED by REG REGION OF THE STATE

Controlling for:

A21 RENT OR OWN Value = 2. OWN

* Page 1 of 1

A6	Count / Row % / Col % / Total %	BAY AREA 1.	CENTRAL VALLEY 2.	SOUTH COAST 3.	Row Total
0.		429 37.0 97.9 34.1	255 22.0 85.9 20.3	476 41.0 90.8 37.8	1150 92.1
1.		9 9.1 2.1 0.7	42 42.4 14.1 3.3	43 48.5 9.2 3.8	99 7.9
Column Total		438 34.8	297 23.6	524 41.6	1259 100.0

Chi square = 37.77069 with 2 Degrees of freedom Significance = 0.0000

Number of missing observations = 16

52

File TYP1 (Creation date = 14-Oct-82) CA.UTILITY EQUIP. : 1981-1982

* C R O S S T A B U L A T I O N O F *
A7 NO. OF TRIMMERS USED by REG REGION OF THE STATE
Controlling for:
A21 RENT OR OWN Value = 1. RENT
* Page 1 of 1

A7	Count / Row % / Col % / Total %	REG 1. BAY AREA	2. CENTRAL VALLEY	3. SOUTH CO AST	Row Total
0.		228	132	289	649
		35.1	20.3	44.5	99.4
		99.6	98.5	99.7	
		34.9	20.2	44.3	
1.		1	2	1	4
		25.0	50.0	25.0	0.6
		0.4	1.5	0.3	
		0.2	0.3	0.2	
Column Total		229	134	290	653
		35.1	20.5	44.4	100.0

File TYP1 (Creation date = 14-Oct-82) CA.UTILITY EQUIP. : 1981-1982

* * * * * * * * * * * * * * * * * * C R O S S T A B U L A T I O N O F * * * * * * * * * * * * * * * * * * *

A7 NO. OF TRIMMERES USED by REG REGION OF THE STATE

Controlling for:
A21 RENT OR OWN Value = 2. OWN

* Page 1 of 1

A7 (REG →) Count / Row % / Col % / Total %	BAY AREA 1.	CENTRAL VALLEY 2.	SOUTH COAST 3.	Row Total
0.	434	237	519	1240
	35.0	23.1	41.9	98.5
	99.1	96.6	99.0	
	34.5	22.8	41.2	
1.	4	10	4	18
	22.2	55.6	22.2	1.4
	0.9	3.4	0.8	
	0.3	0.8	0.3	
2.	0	0	1	1
	0.0	0.0	100.0	0.1
	0.0	0.0	0.2	
	0.0	0.0	0.1	
Column Total	438	297	524	1259
	34.8	23.6	41.6	100.0

54

File TYP1 (Creation date = 14-Oct-82) CA.UTILITY EQUIP. : 1981-1982

* C R O S S T A B U L A T I O N O F *
A8 NO. OF SHREDDERS USED by REG REGION OF THE STATE
Controlling for:
A21 RENT OR OWN Value = 1. RENT
* Page 1 of 1

A8	REG Count / Row % / Col % / Total %	1. BAY AREA	2. CENTRAL VALLEY	3. SOUTH CO AST	Row Total
0.	Count	229	134	290	653
	Row %	35.1	20.5	44.4	100.0
	Col %	100.0	100.0	100.0	
	Total %	35.1	20.5	44.4	
Column Total	Count	229	134	290	653
	Total %	35.1	20.5	44.4	100.0

File TYP1 (Creation date = 14-Oct-82) CA.UTILITY EQUIP. : 1981-1982

* * * * * * * * * * * * * * * * * * C R O S S T A B U L A T I O N O F * * * * * * * * * * * * * * * * * *

A8 NO. OF SHREDDERS USED by REG REGION OF THE STATE

Controlling for:

A21 RENT OR OWN Value = 2. OWN

* Page 1 of 1

A8	REG: Count / Row % / Col % / Total %	BAY AREA 1.	CENTRAL VALLEY 2.	SOUTH COAST 3.	Row Total
0.	Count	431	293	522	1246
	Row %	34.6	23.5	41.9	99.0
	Col %	98.4	98.7	99.6	
	Total %	34.2	23.3	41.5	
1.	Count	7	4	2	13
	Row %	53.8	30.8	15.4	1.0
	Col %	1.6	1.3	0.4	
	Total %	0.6	0.3	0.2	
	Column Total	438	297	524	1259
		34.8	23.6	41.5	100.0

File TYP1 (Creation date = 14-Oct-82) CA.UTILITY EQUIP. : 1981-1982

* * * * * * * * * * * * * * * * * * C R O S S T A B U L A T I O N O F * * * * * * * * * * * * * * * * * * *
A9 NO. OF YARD VACCUUMS USED by REG REGION OF THE STATE
Controlling for:
A21 RENT OR OWN Value = 1. RENT
* Page 1 of 1

A9 (Count / Row % / Col % / Total %)	REG: BAY AREA 1.	CENTRAL VALLEY 2.	SOUTH COAST 3.	Row Total
0.	229 35.1 100.0 35.1	133 20.4 99.3 20.4	290 44.5 100.0 44.4	652 99.8
1.	0 0.0 0.0 0.0	1 100.0 0.7 0.2	0 0.0 0.0 0.0	1 0.2
Column Total	229 35.1	134 20.5	290 44.4	653 100.0

57

File TYP1 (Creation date = 14-Oct-82) CA.UTILITY EQUIP. : 1981-1982

* * * * * * * * * * * * * * * * * * C R O S S T A B U L A T I O N O F * * * * * * * * * * * * * * * * * * *

A9 NO. OF YARD VACCUUMS USED by REG REGION OF THE STATE

Controlling for:

A21 RENT OR OWN Value = 2. OWN

* Page 1 of 1

A9	Count / Row % / Col % / Total %	BAY AREA 1.	CENTRAL VALLEY 2.	SOUTH COAST 3.	Row Total
0.	Count	436	295	520	1251
	Row %	34.9	23.6	41.6	99.4
	Col %	99.5	99.3	99.2	
	Total %	34.6	23.4	41.3	
1.	Count	2	2	4	8
	Row %	25.0	25.0	50.0	0.6
	Col %	0.5	0.7	0.8	
	Total %	0.2	0.2	0.3	
Column Total		438	297	524	1259
		34.8	23.6	41.6	100.0

File TYP1 (Creation date = 14-Oct-82) CA.UTILITY EQUIP. : 1981-1982

* * * * * * * * * * * * * * * * * C R O S S T A B U L A T I O N O F * * * * * * * * * * * * * * * * *
A12 NO. OF CHAINSAWS USED by REG REGION OF THE STATE
Controlling for:
A21 RENT OR OWN Value = 1. RENT
* Page 1 of 1

A12	REG: Count / Row % / Col % / Total %	BAY AREA 1.	CENTRAL VALLEY 2.	SOUTH COAST 3.	Row Total
0.	Count	223	130	285	638
	Row %	35.0	20.4	44.7	97.7
	Col %	97.4	97.0	98.3	
	Total %	34.2	19.9	43.6	
1.	Count	6	4	5	15
	Row %	40.0	26.7	33.3	2.3
	Col %	2.6	3.0	1.7	
	Total %	0.9	0.6	0.8	
Column Total		229	134	290	653
		35.1	20.5	44.4	100.0

File TYP1 (Creation date = 14-Oct-82) CA.UTILITY EQUIP. : 1981-1982

* * * * * * * * * * * * * * * * * * C R O S S T A B U L A T I O N O F * * * * * * * * * * * * * * * * * *
A12 NO. OF CHAINSAWS USED by REG REGION OF THE STATE
Controlling for:
A21 RENT OR OWN Value = 2. OWN
* Page 1 of 1

A12	REG Count / Row % / Col % / Total %	BAY AREA 1.	CENTRAL VALLEY 2.	SOUTH COAST 3.	Row Total
	0.	389	224	479	1092
		35.6	20.5	43.9	86.7
		88.8	75.4	91.4	
		30.9	17.8	38.0	
	1.	45	67	43	155
		29.0	43.2	27.7	12.3
		10.3	22.6	8.2	
		3.6	5.3	3.4	
	2.	4	6	2	12
		33.3	50.0	16.7	1.0
		0.9	2.0	0.4	
		0.3	0.5	0.2	
	Column Total	438	297	524	1259
		34.8	23.6	41.6	100.0

File TYP1 (Creation date = 14-Oct-82) CA.UTILITY EQUIP. : 1981-1982

* C R O S S T A B U L A T I O N O F * * * * * * * * * * * * * * * * * *

A13 NO. OF AIR COMPRESSORS USED by REG REGION OF THE STATE

Controlling for:

A21 RENT OR OWN Value = 1. RENT

* Page 1 of 1

		REG			
	Count :				
	Row % :	BAY AREA	CENTRAL VALLEY	SOUTH COAST	Row Total
	Col % :				
	Total % :	1.	2.	3.	
A13					
0.		229	134	289	652
		35.1	20.6	44.3	99.8
		100.0	100.0	99.7	
		35.1	20.5	44.3	
1.		0	0	1	1
		0.0	0.0	100.0	0.2
		0.0	0.0	0.3	
		0.0	0.0	0.2	
Column Total		229 35.1	134 20.5	290 44.4	653 100.0

19

File TYP1 (Creation date = 14-Oct-82) CA.UTILITY EQUIP. : 1981-1982

* C R O S S T A B U L A T I O N O F *
A13 NO. OF AIR COMPRESSORS USED by REG REGION OF THE STATE
Controlling for:
A21 RENT OR OWN Value = 2. OWN
* Page 1 of 1

A13	REG Count Row % Col % Total %	BAY AREA 1.	CENTRAL VALLEY 2.	SOUTH COAST 3.	Row Total
	0.	437 34.9 99.8 34.7	295 23.6 99.3 23.4	520 41.5 99.2 41.3	1252 99.4
	1.	1 14.3 0.2 0.1	2 28.6 0.7 0.2	4 57.1 0.8 0.3	7 0.6
	Column Total	438 34.8	297 23.6	524 41.6	1259 100.0

File TYP1 (Creation date = 14-Oct-82) CA.UTILITY EQUIP. : 1981-1982

* * * * * * * * * * * * * * * * * * C R O S S T A B U L A T I O N O F * * * * * * * * * * * * * * * * * *
A14 NO. OF ELECTRIC GENERATORS USED by REG REGION OF THE STATE
Controlling for:
A21 RENT OR OWN Value = 1. RENT
* Page 1 of 1

A14	REG Count Row % Col % Total %	BAY AREA 1.	CENTRAL VALLEY 2.	SOUTH COAST 3.	Row Total
	0.	228 35.0 99.5 34.9	134 20.6 100.0 20.5	289 44.4 99.7 44.3	651 99.7
	1.	1 50.0 0.4 0.2	0 0.0 0.0 0.0	1 50.0 0.3 0.2	2 0.3
	Column Total	229 35.1	134 20.5	290 44.4	653 100.0

File TYP1 (Creation date = 14-Oct-82) CA.UTILITY EQUIP. : 1981-1982

* * * * * * * * * * * * * * * * * * C R O S S T A B U L A T I O N O F * * * * * * * * * * * * * * * * * *

A14 NO. OF ELECTRIC GENERATORS USED by REG REGION OF THE STATE

Controlling for:

A21 RENT OR OWN Value = 2. OWN

* Page 1 of 1

A14	Count / Row % / Col % / Total %	REG: BAY AREA 1.	CENTRAL VALLEY 2.	SOUTH COAST 3.	Row Total
0.		431	291	520	1242
		34.7	23.4	41.9	98.6
		98.4	98.0	99.2	
		34.2	23.1	41.3	
1.		7	6	4	17
		41.2	35.3	23.5	1.4
		1.6	2.0	0.8	
		0.6	0.5	0.3	
Column Total		438	297	524	1259
		34.8	23.6	41.6	100.0

LAWNMOWERS - 4CYC
File TYP2 (Creation date = 11-Oct-82) CA UTILITY EQUIP. ...

D E S C R I P T I O N O F S U B P O P U L A T I O N S

Criterion variable A10 NO. OF HORSEPOWER
broken down by REG REGION OF THE STATE

Variable	Code	Value label	Sum	Mean	Std dev	Variance	N
For entire population			810.1900	2.8872	1.0841	1.1753	(291)
REG	1.	BAY AREA	204.7300	2.8045	0.8991	0.8083	(73)
REG	2.	CENTRAL VALLEY	304.4500	3.0445	1.0439	1.0697	(100)
REG	3.	SOUTH COAST	331.0000	2.8051	1.2089	1.4615	(118)

Total cases = 449
Missing cases = 158 or 35.2%

65

LAWNMOWERS - 2CYC
File TYP2 (Creation date = 14-Oct-82) CA UTILITY EQUIP. USE : 1981-1982

DESCRIPTION OF SUBPOPULATIONS

Criterion variable A10 NO. OF HORSEPOWER
broken down by REG REGION OF THE STATE

Variable	Code	Value label	Sum	Mean	Std dev	Variance	N
For entire population			476.0300	2.8798	1.2813	1.6418	(166)
REG	1.	BAY AREA	141.2500	2.6651	1.3421	1.8011	(53)
REG	2.	CENTRAL VALLEY	162.3000	2.8982	1.0135	1.0271	(56)
REG	3.	SOUTH COAST	174.5000	3.0614	1.4418	2.0788	(57)

Total cases = 255
Missing cases = 89 or 34.9%

File TYP2 (Creation date = 14-Oct-82) CA UTILITY EQUIP. USE : 1981-1982

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

Criterion variable A10 NO. OF HORSEPOWER
Broken down by REG REGION OF THE STATE

Variable	Code	Value label	Sum	Mean	Std dev	Variance	N
For entire population			411.0500	5.2699	1.8215	3.3178	(78)
REG	1.	BAY AREA	154.0000	5.7037	1.5017	2.2550	(27)
REG	2.	CENTRAL VALLEY	186.7500	5.1875	1.8996	3.6085	(36)
REG	3.	SOUTH COAST	70.3000	4.6867	2.0722	4.2941	(15)

Total cases = 92
Missing cases = 14 or 15.2%

67

[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	5.1875	1.8996	3.6085	(36)

EDGERS
File TYP2 (Creation date = 14-Oct-82) CA UTILITY EQUIP. USE : 1981-1982

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

Criterion variable A10 NO. OF HORSEPOWER
broken down by REG REGION OF THE STATE

Variable	Code	Value label	Sum	Mean	Std dev	Variance	N
For entire population			151.0000	2.0133	0.8105	0.6569	(75)
REG	1.	BAY AREA	8.5000	1.7000	0.5701	0.3250	(5)
REG	2.	CENTRAL VALLEY	60.2500	1.9485	0.8997	0.8022	(34)
REG	3.	SOUTH COAST	76.2500	2.1181	0.7523	0.5660	(36)

Total cases = 112
Missing cases = 37 or 33.0%

TRIMMERS

File TYP2 (Creation date = 14-Oct-82) CA UTILITY EQUIP. USE : 1981-1982

DESCRIPTION OF SUBPOPULATIONS

Criterion variable A10 NO. OF HORSEPOWER

Broken down by REG REGION OF THE STATE

Variable	Code	Value label	Sum	Mean	Std dev	Variance	N
For entire population			14.0000	1.2800	0.9949	0.9899	(11)
REG	1.	BAY AREA	2.5000	1.2500	0.3536	0.1250	(2)
REG	2.	CENTRAL VALLEY	10.5000	1.5114	1.1677	1.3634	(7)
REG	3.	SOUTH COAST	1.0000	0.5000	0.0000	0.0000	(2)

Total cases = 24

Missing cases = 13 or 54.2%

DESCRIPTION OF SUBPOPULATIONS

Criterion variable A10 NO. OF HORSEPOWER
Broken down by REG REGION OF THE STATE

Variable	Code	Value label	Sum	Mean	Std dev	Variance	N
For entire population			121.3500	1.9693	1.3433	1.8043	(61)
REG	1.	BAY AREA	42.1000	2.0190	1.3593	1.8475	(21)
REG	2.	CENTRAL VALLEY	47.3500	2.1523	1.5081	2.2744	(22)
REG	3.	SOUTH COAST	31.6000	1.7556	1.1365	1.2917	(18)

Total cases = 196
Missing cases = 135 or 68.9%

70

File TYP2 (Creation date = 14-Oct-82) CA UTILITY EQUIP. USE : 1981-1982

DESCRIPTION OF SUBPOPULATIONS

Criterion variable A10 NO. OF HORSEPOWER
broken down by A2 EQUIPMENT TYPE

Variable	Code	Value label	Sum	Mean	Std dev	Variance	N
A2	0.		0.0000	0.0000	0.0000	0.0000	(3)
A2	1.	LAWNMOWER-WALKING	1334.2300	2.8679	1.1527	1.3287	(462)
A2	2.	LAWNMOWER-RIDING	70.0000	7.7778	3.5978	12.9444	(9)
A2	3.	TILLER	411.0500	5.2699	1.8215	3.3178	(78)
A2	4.	GARDEN TRACTOR	126.5000	11.5000	7.4733	55.8500	(11)
A2	5.	BLOWER	17.5000	3.5000	3.0000	9.0000	(5)
A2	6.	EDGERS	151.0000	2.0133	0.8105	0.6569	(75)
A2	7.	TRIMMERS	14.0300	1.2300	0.9949	0.9899	(11)
A2	8.	SHREDDERS	36.5000	4.0556	1.9112	3.6528	(9)
A2	9.	VACUUM	19.5000	2.7857	1.5774	2.4881	(7)
A2	12.	CHAIN SAW	121.3500	1.9893	1.3433	1.8043	(61)
A2	13.	AIR COMPRESSOR	17.5000	2.9167	1.1143	1.2417	(6)
A2	14.	ELECTRIC GENERATOR	39.0000	3.5455	2.5515	6.5102	(11)

Total cases = 1240
Missing cases = 492 or 39.7%

17

LAWNMOWERS - 4CYC
File TYP2 (Creation date = 14-Oct-82) CA UTILITY EQUIP. USE : 1981-1982

DESCRIPTION OF SUBPOPULATIONS

Criterion variable USE NO. OF HOURS USED PER YEAR
broken down by REG REGION OF THE STATE

Variable	Code	Value label	Sum	Mean	Std dev	Variance	N
For entire population			8122.8936	18.4193	26.4851	701.4586	(441)
REG	1.	BAY AREA	1724.3136	13.5773	18.4532	340.5203	(127)
REG	2.	CENTRAL VALLEY	2461.6500	17.5832	20.2571	410.3431	(140)
REG	3.	SOUTH COAST	3936.9300	22.6260	34.2165	1170.7700	(174)

Total cases = 449
Missing cases = 8 or 1.8%

LAWNMOWERS - 2CYC
File TYP2 (Creation date = 14-Oct-82) CA UTILITY EQUIP. USE : 1981-1982

DESCRIPTION OF SUBPOPULATIONS

Criterion variable USE NO. OF HOURS USED PER YEAR
broken down by REG REGION OF THE STATE

Variable	Code	Value label	Sum	Mean	Std dev	Variance	N
For entire population			6163.3900	24.8523	37.4307	1401.0548	(248)
REG	1.	BAY AREA	1250.1000	16.8932	21.3661	456.5119	(74)
REG	2.	CENTRAL VALLEY	2105.7400	25.3378	37.6035	1414.0257	(91)
REG	3.	SOUTH COAST	2607.5400	31.4161	46.4847	2160.8265	(83)

Total cases = 255
Missing cases = 7 or 2.7%

TILLERS
File TYP2 (Creation date = 14-Oct-82) CA UTILITY EQUIP. USE : 1981-1982

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

Criterion variable USE NO. OF HOURS USED PER YEAR
broken down by REG REGION OF THE STATE

Variable	Code	Value label	Sum	Mean	Std dev	Variance	N
For entire population			1465.0320	17.4766	47.7348	2278.6144	(84)
REG	1.	BAY AREA	131.8900	4.7100	6.2364	38.8924	(28)
REG	2.	CENTRAL VALLEY	1270.0200	30.2386	65.0994	4237.9275	(42)
REG	3.	SOUTH COAST	66.1320	4.7237	7.0105	49.1465	(14)

Total cases = 92
Missing cases = 8 or 8.7%

74

EDGERS
File TYP2 (Creation date = 14-Oct-82) CA UTILITY EQUIP. USE : 1981-1982

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

Criterion variable USE NO. OF HOURS USED PER YEAR
broken down by REG REGION OF THE STATE

Variable	Code	Value label	Sum	Mean	Std dev	Variance	N
For entire population			1130.0568	11.0790	18.1520	329.4957	(102)
REG	1.	BAY AREA	17.7000	2.5286	2.5447	6.4757	(7)
REG	2.	CENTRAL VALLEY	334.6620	7.7828	10.2553	105.1716	(43)
REG	3.	SOUTH COAST	777.6[illegible]	14.9557	23.0356	530.6386	(52)

Total cases = 112
Missing cases = 10 or 8.9%

75

TRIMMERS
File TYP2 (Creation date = 14-Oct-82) CA UTILITY EQUIP. USE : 1981-1982

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

Criterion variable USE NO. OF HOURS USED PER YEAR
broken down by REG REGION OF THE STATE

Variable	Code	Value label	Sum	Mean	Std dev	Variance	N
For entire population			357.1200	16.2327	25.2654	638.3426	(22)
REG	1.	BAY AREA	97.6400	24.4200	47.7266	2277.8256	(4)
REG	2.	CENTRAL VALLEY	204.7200	17.0600	22.3242	498.3705	(12)
REG	3.	SOUTH COAST	54.7200	9.1200	10.0971	101.9520	(6)

Total cases = 24
Missing cases = 2 or 8.3%

76

CALIF. UTILITY EQUIPMENT USEAGE SURVEY -- CIC [illegible], INC. [illegible] Page 60
CHAINSAWS
File TYPE (Creation date = 14-Oct-82) CA UTILITY EQUIP. USE : 1981-1982

- DESCRIPTION OF SUBPOPULATIONS - - - - - - - - - - - - - - - - - -

Criterion variable USE NO. OF HOURS USED PER YEAR
broken down by REG REGION OF THE STATE

Variable	Code	Value label	Sum	Mean	Std dev	Variance	N
For entire population			4476.0308	25.5934	53.2408	2834.5852	(175)
REG	1.	BAY AREA	1133.2800	19.9871	39.9109	1593.8459	(57)
REG	2.	CENTRAL VALLEY	2ef3.6100	35.5152	67.3102	4531.4709	(76)
REG	3.	SOUTH COAST	681.9106	15.8583	36.3096	1318.3848	(43)

Total cases = 196
Missing cases = 21 or 10.7%

77

File TYP2 (Creation date = 14-Oct-92) CA UTILITY EQUIP. USE : 1981-1982

DESCRIPTION OF SUBPOPULATIONS

Criterion variable USE NO. OF HOURS USED PER YEAR
broken down by A2 EQUIPMENT TYPE

Variable	Code	Value label	Sum	Mean	Std dev	Variance	N
A2	0.		0.0000	0.0000	0.0000	0.0000	(3)
A2	1.	LAWNMOWER-WALKING	14882.3136	21.2301	35.3339	1248.4844	(701)
A2	2.	LAWNMOWER-RIDING	313.9000	24.1385	22.7026	515.4092	(13)
A2	3.	TILLER	1468.0320	17.4766	47.7349	2278.6144	(84)
A2	4.	GARDEN TRACTOR	373.3800	24.8920	34.1852	1168.6304	(15)
A2	5.	PLOWER	146.7000	14.6700	10.2785	105.6490	(10)
A2	6.	EDGERS	1130.0568	11.0790	18.1520	329.4957	(102)
A2	7.	TRIMMERS	357.1200	16.2327	25.2654	638.3426	(22)
A2	8.	SHREDDERS	107.1000	9.7364	16.9575	287.5565	(11)
A2	9.	VACUUM	134.6800	14.9653	39.4390	1555.4362	(9)
A2	12.	CHAIN SAW	4478.8368	25.5934	53.2408	2834.5652	(175)
A2	13.	AIR COMPRESSOR	338.1720	42.2715	86.6235	7503.6254	(8)
A2	14.	ELECTRIC GENERATOR	1020.3600	63.7725	239.1135	57175.2729	(16)

Total cases = 1240
Missing cases = 71 or 5.7%

84

* * * * * * * * * * * * * * * * * * C R O S S T A B U L A T I O N O F *
A4 USE IS SAME THROUGHOUT YEAR by REG REGION OF THE STATE
* Page 1 of 1

A4	Count / Row % / Col % / Total %	REG: BAY AREA 1.	CENTRAL VALLEY 2.	SOUTH COAST 3.	Row Total
YEA	1.	35	32	73	140
		25.0	22.9	52.1	31.2
		27.1	22.9	40.6	
		7.8	7.1	16.3	
NO	2.	89	105	102	296
		30.1	35.5	34.5	65.9
		69.0	75.0	56.7	
		19.8	23.4	22.7	
DK-REFUSED	9.	5	3	5	13
		38.5	23.1	38.5	2.9
		3.9	2.1	2.8	
		1.1	0.7	1.1	
	Column Total	129	140	180	449
		28.7	31.2	40.1	100.0

LAWNMOWERS - 4CYC
File TYP2 (Creation date = 11-Oct-82) CA UTILITY EQUIP. USE : 1981-1982

* * * C R O S S T A B U L A T I O N O F * * *
A5 PERIOD OF GREATEST USE by REG REGION OF THE STATE

A5 (Count / Row % / Col % / Total %)	REG: BAY AREA 1.	CENTRAL VALLEY 2.	SOUTH COAST 3.	Row Total
1. SPRING <MAR-MAY>	3 17.6 3.0 0.9	5 29.4 4.4 1.4	9 52.9 6.7 2.6	17 4.9
2. SUMMER<JUL-AUG>	78 32.1 77.2 22.4	92 37.9 81.4 26.4	73 30.0 54.5 21.0	243 69.8
3. FALL<SEP-NOV>	0 0.0 0.0 0.0	1 50.0 0.9 0.3	1 50.0 0.7 0.3	2 0.6
4. WINTER<DEC-FEB>	1 33.3 1.0 0.3	0 0.0 0.0 0.0	2 66.7 1.5 0.6	3 0.9
6. SPRING & SUMMER	9 31.0 8.9 2.6	6 20.7 5.3 1.7	14 48.3 10.4 4.0	29 8.3
7. SUMMER & FALL	0 0.0 0.0 0.0	0 0.0 0.0 0.0	2 100.0 1.5 0.6	2 0.6
8. SPRING, SUM. & F	1 16.7 1.0 0.3	2 33.3 1.8 0.6	3 50.0 2.2 0.9	6 1.7
Column Total	101 29.0	113 32.5	134 38.5	348 100.0

(Continued)

80

C R O S S T A B U L A T I O N O F
A5 PERIOD OF GREATEST USE by REG REGION OF THE STATE

A5	Count / Row % / Col % / Total %	REG: BAY AREA 1.	CENTRAL VALLEY 2.	SOUTH COAST 3.	Row Total
DK-REFUSED	9.	9	5	26	40
		22.5	12.5	65.0	11.5
		8.9	4.4	19.4	
		2.6	1.4	7.5	
FALL & WINTER	10.	0	1	0	1
		0.0	100.0	0.0	0.3
		0.0	0.9	0.0	
		0.0	0.3	0.0	
	12.	0	1	4	5
		0.0	20.0	80.0	1.4
		0.0	0.9	3.0	
		0.0	0.3	1.1	
Column Total		101	113	134	348
		29.0	32.5	38.5	100.0

81

LAWNMOWERS - 2CYC
File TYP2 (Creation date = 14-Oct-82) CA UTILITY EQUIP. USE : 1981-1982

* C R O S S T A B U L A T I O N O F *
A4 USE IS SAME THROUGHOUT YEAR by REG REGION OF THE STATE
* Page 1 of 1

A4	Count / Row % / Col % / Total % (REG)	BAY AREA 1.	CENTRAL VALLEY 2.	SOUTH COAST 3.	Row Total
YES	1.	24	14	37	75
		32.0	18.7	49.3	29.4
		32.0	15.2	42.0	
		9.4	5.5	14.5	
NO	2.	50	73	46	169
		29.6	43.2	27.2	66.3
		66.7	79.3	52.3	
		19.6	28.6	18.0	
	6.	0	1	0	1
		0.0	100.0	0.0	0.4
		0.0	1.1	0.0	
		0.0	0.4	0.0	
DK-REFUSED	9.	1	4	5	10
		10.0	40.0	50.0	3.9
		1.3	4.3	5.7	
		0.4	1.6	2.0	
	Column Total	75	92	88	255
		29.4	36.1	34.5	100.0

LAWNMOWERS - 2CYC
File TYP2 (Creation date = 14-Oct-82) CA UTILITY EQUIP. USE : 1981-1982

* * * * * * * * * * * * * * * * * * C R O S S T A B U L A T I O N O F * * * * * * * * * * * * * * * * * *
A5 PERIOD OF GREATEST USE by REG REGION OF THE STATE

A5 (Count / Row % / Col % / Total %)	REG: BAY AREA 1.	CENTRAL VALLEY 2.	SOUTH COAST 3.	Row Total
1. SPRING <MAR-MAY>	1	2	4	7
	14.3	28.6	57.1	3.6
	1.8	2.5	6.6	
	0.5	1.0	2.0	
2. SUMMER<JUL-AUG>	41	59	37	137
	29.9	43.1	27.0	69.5
	73.2	73.3	60.7	
	20.3	29.9	18.8	
3. FALL<SEP-NOV>	1	0	0	1
	100.0	0.0	0.0	0.5
	1.8	0.0	0.0	
	0.5	0.0	0.0	
4. WINTER<DEC-FEB>	1	2	3	6
	16.7	33.3	50.0	3.0
	1.8	2.5	4.9	
	0.5	1.0	1.5	
5. SPRING & FALL	0	1	0	1
	0.0	100.0	0.0	0.5
	0.0	1.3	0.0	
	0.0	0.5	0.0	
6. SPRING & SUMMER	3	4	1	8
	37.5	50.0	12.5	4.1
	5.4	5.0	1.6	
	1.5	2.0	0.5	
7. SUMMER & FALL	0	2	0	2
	0.0	100.0	0.0	1.0
	0.0	2.5	0.0	
	0.0	1.0	0.0	
Column	56	80	61	197
Total	28.4	40.6	31.0	100.0

(Continued)

83

LAWNMOWERS - 2CYC
File TYP2 (Creation date = 14-Oct-82) CA UTILITY EQUIP. USE : 1981-1982

* * * * * C R O S S T A B U L A T I O N O F * * * * *
AS PERIOD OF GREATEST USE by REG REGION OF THE STATE

AS (Count / Row % / Col % / Total %)	REG: BAY AREA 1.	CENTRAL VALLEY 2.	SOUTH COAST 3.	Row Total
8. SPRING, SUM. & F	3 37.5 5.4 1.5	4 50.0 5.0 2.0	1 12.5 1.6 0.5	8 4.1
9. DK-REFUSED	6 25.0 10.7 3.0	5 20.8 6.3 2.5	13 54.2 21.3 6.6	24 12.2
10. FALL & WINTER	0 0.0 0.0 0.0	1 100.0 1.3 0.5	0 0.0 0.0 0.0	1 0.5
12.	0 0.0 0.0 0.0	0 0.0 0.0 0.0	2 100.0 3.3 1.0	2 1.0
Column Total	56 28.4	80 40.6	61 31.0	197 100.0

84

A4	Count / Row % / Col % / Total %	REG 1. BAY AREA	2. CENTRAL VALLEY	3. SOUTH CO AST	Row Total
1. YES		8 27.6 25.0 8.7	15 51.7 34.9 16.3	6 20.7 35.3 6.5	29 31.5
2. NO		23 37.7 71.9 25.0	27 44.3 62.8 29.3	11 18.0 64.7 12.0	61 66.3
7. DK-REFUSED		1 50.0 3.1 1.1	1 50.0 2.3 1.1	0 0.0 0.0 0.0	2 2.2
Column Total		32 34.8	43 46.7	17 18.5	92 100.0

File TAB2 (Creation date = 14-Oct-82) CA UTILITY EQUIP. USE : 1961-1982

* C R O S S T A B U L A T I O N O F * * * * * * * * * * * * * * * * * * *

AS PERIOD OF GREATEST USE by REG REGION OF THE STATE

* *

AS	Count / Row % / Col % / Total %	REG 1. BAY AREA	2. CENTRAL VALLEY	3. SOUTH CO AST	Row Total
1. SPRING <MAR-MAY>		14	12	4	30
		46.7	40.0	13.3	41.7
		56.0	37.5	26.7	
		19.4	16.7	5.6	
2. SUMMER<JUL-AUG>		6	9	4	19
		31.6	47.4	21.1	26.4
		24.0	28.1	26.7	
		8.3	12.5	5.6	
3. FALL<SEP-NOV>		0	0	1	1
		0.0	0.0	100.0	1.4
		0.0	0.0	6.7	
		0.0	0.0	1.4	
4. WINTER<DEC-FEB>		1	0	0	1
		100.0	0.0	0.0	1.4
		4.0	0.0	0.0	
		1.4	0.0	0.0	
5. SPRING & FALL		0	3	1	4
		0.0	75.0	25.0	5.6
		0.0	9.4	6.7	
		0.0	4.2	1.4	
6. SPRING & SUMMER		2	1	1	4
		50.0	25.0	25.0	5.6
		8.0	3.1	6.7	
		2.8	1.4	1.4	
9. SPRING, SUM. & F		0	1	0	1
		0.0	100.0	0.0	1.4
		0.0	3.1	0.0	
		0.0	1.4	0.0	
Column Total		25	32	15	72
		34.7	44.4	20.8	100.0

(Continued)

TILLER
File TYP2 (Creation date = 14-Oct-82) CA UTILITY EQUIP. USE : 1961-1982

* C R O S S T A B U L A T I O N O F * * * * * * * * * * * * * * * * * *
A5 PERIOD OF GREATEST USE by REG REGION OF THE STATE

A5	REG Count / Row % / Col % / Total %	1. BAY AREA	2. CENTRAL VALLEY	3. SOUTH CO AST	Row Total
9. DK-REFUSED		2	3	4	9
		22.2	33.3	44.4	12.5
		8.0	9.4	26.7	
		2.8	4.2	5.6	
10. FALL & WINTER		0	1	0	1
		0.0	100.0	0.0	1.4
		0.0	3.1	0.0	
		0.0	1.4	0.0	
12.		0	2	0	2
		0.0	100.0	0.0	2.8
		0.0	6.3	0.0	
		0.0	2.8	0.0	
Column Total		25	32	15	72
		34.7	44.4	20.8	100.0

EDGERS
File TYPZ (Creation date = 14-Oct-82) CA UTILITY EQUIP. USE : 1981-1982

* * * * * * * * * * * * * * * * * * * C R O S S T A B U L A T I O N O F *

A4 USE IS SAME THROUGHOUT YEAR by REG REGION OF THE STATE

*

A4	REG: Count / Row % / Col % / Total %	BAY AREA 1.	CENTRAL VALLEY 2.	SOUTH COAST 3.	Row Total
YES	1.	3	14	24	41
		7.3	34.1	58.5	36.6
		30.0	30.4	42.9	
		2.7	12.5	21.4	
NO	2.	6	32	29	67
		9.0	47.8	43.3	59.8
		60.0	69.6	51.8	
		5.4	28.6	25.9	
DK-REFUSED	9.	1	0	3	4
		25.0	0.0	75.0	3.6
		10.0	0.0	5.4	
		0.9	0.0	2.7	
	Column Total	10	46	56	112
		8.9	41.1	50.0	100.0

EDGERS
File TYP2 (Creation date = 14-Oct-82) CA UTILITY EQUIP. USE : 1981-1982

* * * * * * * * * * * * * * * * * * * C R O S S T A B U L A T I O N O F *
A5 PERIOD OF GREATEST USE by REG REGION OF THE STATE

A5	Count / Row % / Col % / Total %	REG 1. BAY AREA	2. CENTRAL VALLEY	3. SOUTH CO AST	Row Total
1. SPRING <MAR-MAY>		0	0	3	3
		0.0	0.0	100.0	3.6
		0.0	0.0	7.3	
		0.0	0.0	3.6	
2. SUMMER<JUL-AUG>		3	23	19	45
		6.7	51.1	42.2	53.6
		37.5	65.7	46.3	
		3.6	27.4	22.6	
5. SPRING & FALL		0	0	1	1
		0.0	0.0	100.0	1.2
		0.0	0.0	2.4	
		0.0	0.0	1.2	
6. SPRING & SUMMER		4	4	1	9
		44.4	44.4	11.1	10.7
		50.0	11.4	2.4	
		4.8	4.8	1.2	
7. SUMMER & FALL		0	2	0	2
		0.0	100.0	0.0	2.4
		0.0	5.7	0.0	
		0.0	2.4	0.0	
8. SPRING, SUM. & F		0	1	3	4
		0.0	25.0	75.0	4.8
		0.0	2.9	7.3	
		0.0	1.2	3.6	
9. DK-REFUSED		1	4	13	18
		5.6	22.2	72.2	21.4
		12.5	11.4	31.7	
		1.2	4.8	15.5	
Column Total		8	35	41	84
		9.5	41.7	48.8	100.0

(Continued)

EDGEAS
File TAP2 (Creation date = 14-Oct-87) CA UTILITY EQUIP. USE : 1981-1982

* * * * * * * * * * * * * * * * * * * C R O S S T A B U L A T I O N O F * * * * * * * * * * * * * * * * * * *
AF PERIOD OF GREATEST USE by REG REGION OF THE STATE
* Page 2 of 2

AF	Count / Row % / Col % / Total %	REG: BAY AREA 1.	CENTRAL VALLEY 2.	SOUTH COAST 3.	Row Total
FALL & WINTER	10.	0 0.0 0.0 0.0	1 100.0 2.9 1.2	0 0.0 0.0 0.0	1 1.2
	12.	0 0.0 0.0 0.0	0 0.0 0.0 0.0	1 100.0 2.4 1.2	1 1.2
	Column Total	8 9.5	35 41.7	41 48.8	84 100.0

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TRIMMERS
File TYP2 (Creation date = 14-Oct-82) CA UTILITY EQUIP. USE : 19c1-1982

* C R O S S T A B U L A T I O N O F *
A4 USE IS SAME THROUGHOUT YEAR by REG REGIJN OF THE STATE
* Page 1 of 1

A4	REG → Count / Row % / Col % / Total %	BAY AREA 1.	CENTRAL VALLEY 2.	SOUTH COAST 3.	Row Total
YES	1.	0	5	6	11
		0.0	45.5	54.5	45.8
		0.0	41.7	85.7	
		0.0	20.8	25.0	
NO	2.	4	7	1	12
		33.3	58.3	8.3	50.0
		80.0	58.3	14.3	
		16.7	29.2	4.2	
DK-REFUSED	9.	1	0	0	1
		100.0	0.0	0.0	4.2
		20.0	0.0	0.0	
		4.2	0.0	0.0	
	Column	5	12	7	24
	Total	20.8	50.0	29.2	100.0

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TRIPMERS
File TYP2 (Creation date = 14-Oct-82) CA UTILITY EQUIP. USE : 1981-1982

* C R O S S T A B U L A T I O N O F *
A5 PERIOD OF GREATEST USE by REG REGION OF THE STATE
* Page 1 of 1

A5	REG → Count / Row % / Col % / Total %	BAY AREA 1.	CENTRAL VALLEY 2.	SOUTH CO AST 3.	Row Total
SPRING (MAR-MAY)	1.	0	1	0	1
		0.0	100.0	0.0	6.7
		0.0	12.5	0.0	
		0.0	6.7	0.0	
SUMMER(JUL-AUG)	2.	4	5	1	10
		40.0	50.0	10.0	66.7
		80.0	62.5	50.0	
		26.7	33.3	6.7	
SPRING & SUMMER	5.	0	1	0	1
		0.0	100.0	0.0	6.7
		0.0	12.5	0.0	
		0.0	6.7	0.0	
SPRING, SUM. & F	8.	0	1	0	1
		0.0	100.0	0.0	6.7
		0.0	12.5	0.0	
		0.0	6.7	0.0	
DK-REFUSED	9.	1	0	1	2
		50.0	0.0	50.0	13.3
		20.0	0.0	50.0	
		6.7	0.0	6.7	
	Column Total	5	8	2	15
		33.3	53.3	13.3	100.0

92

TRIMMERS
File TYP2 (Creation date = 14-Oct-82) CA UTILITY EQUIP. USE : 1961-1982

* * * * * * * * * * * * * * * * * * C R O S S T A B U L A T I O N O F * * * * * * * * * * * * * * * * * *
All TWO OR FOUR CYCLE by REG REGION OF THE STATE

REG	Count / Row % / Col % / Total %	BAY AREA 1.	CENTRAL VALLEY 2.	SOUTH COAST 3.	Row Total
All					
FOUR CYCLES	1.	0	1	1	5
		0.0	80.0	20.0	20.8
		0.0	33.3	14.3	
		0.0	16.7	4.2	
TWO CYCLES	2.	4	8	5	17
		23.5	47.1	29.4	70.8
		80.0	66.7	71.4	
		16.7	33.3	20.8	
DK-REFUSED	9.	1	0	1	2
		50.0	0.0	50.0	8.3
		20.0	0.0	14.3	
		4.2	0.0	4.2	
Column Total		5	12	7	24
		20.8	50.0	29.2	100.0

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CHSTASAKS
File TYP2 (Creation date = 14-Oct-82) CA UTILITY EQUIP. USE : 1981-1982

* * * * * C R O S S T A B U L A T I O N O F * * * * *
A4 USE IS SAME THROUGHOUT YEAR by REG REGION OF THE STATE

A4	Count / Row % / Col % / Total %	REG: BAY AREA 1.	CENTRAL VALLEY 2.	SOUTH COAST 3.	Row Total
YES	1.	17	11	18	46
		37.0	23.9	39.1	23.5
		28.3	13.3	34.0	
		8.7	5.6	9.2	
NO	2.	40	66	31	137
		29.2	48.2	22.6	69.9
		66.7	79.5	58.5	
		20.4	33.7	15.8	
DK-REFUSED	9.	3	6	4	13
		23.1	46.2	30.8	6.6
		5.0	7.2	7.5	
		1.5	3.1	2.0	
	Column Total	60	83	53	196
		30.6	42.3	27.0	100.0

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CPSTABS
File TYP2 (Creation date = 14-Oct-82) CA UTILITY EQUIP. USE : 1981-1982

* C R O S S T A B U L A T I O N O F *
A5 PERIOD OF GREATEST USE by REG REGION OF THE STATE
* Page 1 of 2

A5	Count / Row % / Col % / Total %	REG 1. BAY AREA	2. CENTRAL VALLEY	3. SOUTH CO AST	Row Total
1. SPRING <MAR-MAY>		5	5	1	11
		45.5	45.5	9.1	6.7
		10.9	6.7	7.7	
		3.0	3.0	0.6	
2. SUMMER <JUN-AUG>		12	15	4	31
		38.7	48.4	12.9	18.9
		26.1	20.0	30.8	
		7.3	9.1	2.4	
3. FALL <SEP-NOV>		11	18	9	38
		28.9	47.4	23.7	23.2
		23.9	24.0	69.2	
		6.7	11.0	5.5	
4. WINTER <DEC-FEB>		7	15	9	32
		21.9	50.0	28.1	19.5
		15.2	21.3	69.2	
		4.3	9.8	5.5	
5. SPRING & FALL		1	1	0	2
		50.0	50.0	0.0	1.2
		2.2	1.3	0.0	
		0.6	0.6	0.0	
7. SUMMER & FALL		0	2	0	2
		0.0	100.0	0.0	1.2
		0.0	2.7	0.0	
		0.0	1.2	0.0	
8. SPRING, SUM. & F		0	0	1	1
		0.0	0.0	100.0	0.6
		0.0	0.0	7.7	
		0.0	0.0	0.6	
Column Total		45	76	13	164
		28.0	15.7	26.2	100.0

(Continued)

* C R O S S T A B U L A T I O N O F * * * * * * * * * * * * * * * * * * *
A5 PERIOD OF GREATEST USE by REG REGION OF THE STATE
* *

	REG			
Count / Row % / Col % / Total %	1. BAY AREA	2. CENTRAL VALLEY	3. SOUTH COAST	Row Total
A5				
9.	10	13	17	40
OF-REFUSED	25.0	32.5	42.5	24.4
	21.7	17.3	39.5	
	6.1	7.9	10.4	
10.	0	2	0	2
FALL & WINTER	0.0	100.0	0.0	1.2
	0.0	2.7	0.0	
	0.0	1.2	0.0	
12.	0	3	2	5
	0.0	60.0	40.0	3.0
	0.0	4.0	4.7	
	0.0	1.8	1.2	
Column Total	46 28.0	75 45.7	43 26.2	164 100.0

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CHAINSAWS
File TYP2 (Creation date = 14-Oct-82) CA UTILITY EQUIP. USE : 1981-1982

DESCRIPTION OF SUBPOPULATIONS

Criterion variable FUEL FUEL USE IN QUARTS PER YEAR
broken down by REG REGION OF THE STATE

Variable	Code	Value label	Sum	Mean	Std dev	Variance	N
For entire population			2035.0000	16.7355	24.8248	616.2693	(121)
REG	1.	BAY AREA	545.8000	12.1511	18.9098	357.5798	(45)
REG	2.	CENTRAL VALLEY	1173.5000	25.5109	31.4504	989.1277	(46)
REG	3.	SOUTH COAST	304.7000	10.1567	16.5275	273.1570	(30)

Total cases = 195
Missing cases = 75 or 38.3%

97

TRIMMRS
File TYP2 (Creation date = 14-Oct-82) CA UTILITY EQUIP. USE : 1981-1982

DESCRIPTION OF SUBPOPULATIONS

Criterion variable FUEL FUEL USE IN QUARTS PER YEAR
broken down by REG REGION OF THE STATE

Variable	Code	Value label	Sum	Mean	Std dev	Variance	N
For entire population			417.0000	27.8000	44.5981	1988.9529	(15)
REG	1.	BAY AREA	57.0000	19.0000	25.1595	633.0000	(3)
REG	2.	CENTRAL VALLEY	249.5000	31.1875	53.3773	2849.1384	(8)
REG	3.	SOUTH COAST	110.5000	27.6250	45.8682	2103.9958	(4)

Total cases = 24
Missing cases = 9 or 37.5%

26

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Criterion variable FUEL FUEL USE IN QUARTS PER YEAR
broken down by REG REGION OF THE STATE

Variable	Code	Value label	Sum	Mean	Std dev	Variance	N
For entire population			1[illegible]2.3200	[illegible].3[illegible]74	51.5147	2653.7650	(96)
REG	1.	BAY AREA	[illegible]7.[illegible]000	[illegible].7[illegible]57	[illegible]4.9147	24.1548	(7)
REG	2.	CENTRAL VALLEY	[illegible]79.2[illegible]00	[illegible].[illegible]434	17.3714	301.7652	(38)
REG	3.	SOUTH COAST	1255.5700	[illegible].[illegible]737	73.0852	5196.4183	(41)

Total cases = 112
Missing cases = 26 or 23.2%

99

TILLMAN
File TYP2 (Creation date = 14-Oct-82) CA UTILITY EQUIP. USE : 1981-1982

DESCRIPTION OF SUBPOPULATIONS

Criterion variable FUEL FUEL USE IN QUADS PER YEAR
broken down by REG REGION OF THE STATE

Variable	Code	Value label	Sum	Mean	Std dev	Variance		N
For entire population			3790.3700	45.0060	133.1919	17740.0717	(	62)
REG	1.	BAY AREA	499.6000	23.7429	39.8524	1589.0066	(	21)
REG	2.	CENTRAL VALLEY	2202.7500	73.4250	185.8115	34525.9101	(	30)
REG	3.	SOUTH COAST	89.0200	8.0927	6.3292	40.0586	(	11)

Total cases = 92
Missing cases = 30 or 32.6%

001

LAWNMOWERS - 2CYC
File TYP2 (Creation date = 14-Oct-82) CA UTILITY EQUIP. USE : 1981-1982

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

Criterion variable FUEL FUEL USE IN QUARTS PER YEAR
broken down by REG REGION OF THE STATE

Variable	Code	Value label	Sum	Mean	Std dev	Variance		N
For entire population			7863.2700	38.7595	51.9774	2701.6527	(	203)
REG	1.	BAY AREA	2524.4200	37.1238	47.5505	2261.0464	(	68)
REG	2.	CENTRAL VALLEY	3062.5500	43.1345	57.0368	3253.1933	(	71)
REG	3.	SOUTH COAST	2276.3000	35.5672	51.0722	2608.3683	(	64)

Total cases = 255
Missing cases = 52 or 20.4%

LAWNMOWERS - 4CYC
File TYP2 (Creation date = 14-Oct-82) CA UTILITY EQUIP. USE : 1981-1982

DESCRIPTION OF SUBPOPULATIONS

Criterion variable FUEL FUEL USE IN QUARTS PER YEAR
broken down by REG REGION OF THE STATE

Variable	Code	Value label	Sum	Mean	Std dev	Variance	N
For entire population			10454.6700	31.1151	47.6080	2266.5229	(336)
REG	1.	BAY AREA	2536.5400	27.5743	44.4252	1973.5958	(92)
REG	2.	CENTRAL VALLEY	2851.5500	27.9574	29.3492	861.3764	(102)
REG	3.	SOUTH COAST	5066.1800	35.6773	58.8039	3457.8928	(142)

Total cases = 449
Missing cases = 113 or 25.2%

File TYP2 (Creation date = 14-Oct-82) CA UTILITY EQUIP. USE : 1981-1982

DESCRIPTION OF SUBPOPULATIONS

Criterion variable FUEL FUEL USE IN QUARTS PER YEAR
broken down by A2 EQUIPMENT TYPE

Variable	Code	Value label	Sum	Mean	Std dev	Variance	N
A2	0.		0.0000	0.0000	0.0000	0.0000	(3)
A2	1.	LAWNMOWER-WALKING	19560.9400	34.2463	49.8371	2483.7334	(342)
A2	2.	LAWNMOWER-RIDING	890.0000	98.8889	80.7658	6523.1111	(9)
A2	3.	TILLER	2790.3700	45.0060	133.1919	17740.0717	(62)
A2	4.	GARDEN TRACTOR	2036.0000	185.0364	228.5201	52221.4545	(11)
A2	5.	BLOWER	186.0000	23.2500	16.4903	271.9286	(8)
A2	6.	EDGERS	1882.3200	21.8874	51.5147	2653.7650	(86)
A2	7.	TRIMMERS	417.0000	27.8000	44.5981	1988.9929	(15)
A2	8.	SHREDDERS	405.0000	40.5000	60.8664	3704.7222	(10)
A2	9.	VACUUM	79.0000	8.7750	5.3569	28.6964	(9)
A2	12.	CHAIN SAW	2025.0000	16.7355	24.8248	616.2693	(121)
A2	13.	AIR COMPRESSOR	12.0000	4.0000	6.9282	48.0000	(3)
A2	14.	ELECTRIC GENERATOR	298.0000	29.8000	47.0409	2212.8444	(10)

Total cases = 1240
Missing cases = 352 or 28.4%

CHAINSAWS
File TYP2 (Creation date = 14-Oct-82) CA UTILITY EQUIP. USE : 1941-1942

DESCRIPTION OF SUBPOPULATIONS

Criterion variable A14 CAPACITY OF FUEL TANK IN QUARTS
Broken down by REG REGION OF THE STATE

Variable	Code	Value label	Sum	Mean	Std dev	Variance	N
For entire population			208.7500	1.2729	2.9142	8.4926	(164)
REG	1.	BAY AREA	93.3500	1.8670	5.0059	25.0589	(50)
REG	2.	CENTRAL VALLEY	70.8000	1.0232	1.1670	1.3620	(69)
REG	3.	SOUTH COAST	44.6000	0.9956	0.9341	0.8725	(45)

Total cases = 196
Missing cases = 32 or 16.3%

LAWNMOWERS - 4CYC
File TYP2 (Creation date = 14-Oct-82) CA UTILITY EQUIP. USE : 1981-1982

DESCRIPTION OF SUBPOPULATIONS

Criterion variable A13 AGE IN YEARS
broken down by REG REGION OF THE STATE

Variable	Code	Value label	Sum	Mean	Std dev	Variance	N
For entire population			2389.9000	5.6495	4.8736	23.7516	(423)
REG	1.	BAY AREA	725.0000	5.7540	4.6911	22.0063	(126)
REG	2.	CENTRAL VALLEY	686.3700	5.3623	4.4130	19.4744	(128)
REG	3.	SOUTH COAST	976.5300	5.7901	5.3362	28.4755	(169)

Total cases = 449
Missing cases = 26 or 5.8%

LAWNMOWERS - 2CYC
File TYP2 (Creation date = 14-Oct-92) CA UTILITY EQUIP. USE : 1981-1982

DESCRIPTION OF SUBPOPULATIONS

Criterion variable A13 AGE IN YEARS
broken down by REG REGION OF THE STATE

Variable	Code	Value label	Sum	Mean	Std dev	Variance	N
For entire population			1332.5700	5.6896	5.4311	29.4967	(243)
REG	1.	BAY AREA	487.6000	6.6795	6.3006	39.6977	(73)
REG	2.	CENTRAL VALLEY	546.6000	6.1416	5.3036	28.1284	(89)
REG	3.	SOUTH COAST	348.3700	4.3009	4.4141	19.4842	(81)

Total cases = 255
Missing cases = 12 or 4.7%

TILLERS
File TYP2 (Creation date = 14-Oct-82) CA UTILITY EQUIP. USE : 1981-1982

DESCRIPTION OF SUBPOPULATIONS

Criterion variable A13 AGE IN YEARS
broken down by REG REGION OF THE STATE

Variable	Code	Value label	Cut	Mean	Std dev.	Variance	N
For entire population			469.5000	5.4135	4.6505	21.6726	(95)
REG	1.	BAY AREA	156.1000	5.3626	3.8799	15.0529	(29)
REG	2.	CENTRAL VALLEY	218.4000	5.6400	5.5993	31.3063	(39)
REG	3.	SOUTH COAST	95.0000	5.5882	3.1436	9.8824	(17)

Total cases = 92
Missing cases = 7 or 7.6%

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

Criterion variable A13 AGE IN YEARS
broken down by REG REGION OF THE STATE

Variable	Code	Value Label	Sum	Mean	Std dev	Variance	N
For entire population			686.1000	6.5343	5.2883	27.9660	(105)
REG	1.	BAY AREA	69.5000	7.7222	5.5290	30.5694	(9)
REG	2.	CENTRAL VALLEY	282.2500	6.4148	5.4511	29.7150	(44)
REG	3.	SOUTH COAST	334.3500	6.4298	5.1972	26.9072	(52)

Total cases = 112
Missing cases = 7 or 6.3%

201

TRIMMERS
File TYP2 (Creation date = 11-Oct-82) CA UTILITY EQUIP. USE : 1981-1982

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

Criterion variable A13 AGE IN YEARS
Broken down by REG REGION OF THE STATE

Variable	Code	Value label	Sum	Mean	Std dev	Variance	N
For entire population			71.6200	3.1139	3.1167	9.7135	(23)
REG	1.	BAY AREA	5.5000	1.3750	0.7500	0.5625	(4)
REG	2.	CENTRAL VALLEY	39.2000	3.2667	3.4243	11.7261	(12)
REG	3.	SOUTH COAST	25.9200	3.8457	3.3392	11.1500	(7)

Total cases = 24
Missing cases = 1 or 4.2%

CHAINSAWS

File TxP2 (Creation date = 14-Oct-82) CA UTILITY EQUIP. USE : 1981-1982

DESCRIPTION OF SUBPOPULATIONS

Criterion variable A13 AGE IN YEARS
broken down by REG REGION OF THE STATE

Variable	Code	Value label	Sum	Mean	Std dev	Variance	N
For entire population			793.8700	4.1795	4.1196	16.9707	(190)
REG	1.	BAY AREA	318.2000	5.4862	6.1143	37.3852	(58)
REG	2.	CENTRAL VALLEY	277.6700	3.4280	2.7549	7.5895	(81)
REG	3.	SOUTH COAST	198.0500	3.8833	2.5303	6.4022	(51)

Total cases = 196
Missing cases = 6 or 3.1%

011

CALIF. UTILITY EQUIPMENT USE SURVEY

File TYP2 (Creation date = 14-Oct-82) CA UTILITY EQUIP. USE : 1981-1982

D E S C R I P T I O N O F S U B P O P U L A T I O N S

Criterion variable A13 AGE IN YEARS
Broken down by A2 EQUIPMENT TYPE

Variable	Code	Value label	Sum	Mean	Std dev	Variance	N
A2	0.		0.0000	0.0000	0.0000	0.0000	(3)
A2	1.	LAWNMOWER-WALKING	3808.9700	5.6097	5.0524	25.5265	(679)
A2	2.	LAWNMOWER-RIDING	77.0000	5.9231	4.1122	16.9103	(13)
A2	3.	TILLER	469.5000	5.5235	4.6605	21.9720	(85)
A2	4.	GARDEN TRACTOR	131.5000	8.2187	8.1178	65.8590	(16)
A2	5.	BLOWER	33.3500	3.3350	2.4631	6.0667	(10)
A2	6.	EDGERS	686.1000	6.5343	5.2883	27.9660	(105)
A2	7.	TRIMMERS	71.6200	3.1139	3.1167	9.7136	(23)
A2	8.	SHREDDERS	99.5500	8.2958	7.3935	54.6638	(12)
A2	9.	VACUUM	64.0000	7.1111	10.7057	114.6111	(9)
A2	12.	CHAIN SAW	793.9200	4.1785	4.1196	16.9707	(190)
A2	13.	AIR COMPRESSOR	54.0000	6.7500	6.4918	42.1429	(8)
A2	14.	ELECTRIC GENERATOR	59.0000	4.5385	3.6140	13.0609	(13)

Total cases = 1240
Missing cases = 74 or 6.0%

File TYP2 (Creation date = 14-Oct-82) CA UTILITY EQUIP. USE : 1981-1982

* * * * * * * * * * * * * * * * * C R O S S T A B U L A T I O N O F * * * * * * * * * * * * * * * * *
A12 ACQUIRED NEW OR USED by A2 EQUIPMENT TYPE

* Page 1 of 2

A12	A2 Count / Row % / Col % / Total %	0.	LAWNMOWER-WALKING 1.	LAWNMOWER-RIDING 2.	TILLER 3.	GARDEN TRACTOR 4.	BLOWER 5.	EDGERS 6.	TRIMMERS 7.	SHREDDERS 8.	VACUUM 9.	Row Total
	0. Count	3	0	0	0	0	0	0	0	0	0	3
	Row %	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
	Col %	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	Total %	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
NEW	1. Count	0	549	8	70	7	7	79	22	9	5	940
	Row %	0.0	58.4	0.9	7.4	0.7	0.7	8.4	2.3	1.0	0.5	75.8
	Col %	0.0	76.1	61.5	76.1	35.8	63.6	70.5	91.7	69.2	55.6	
	Total %	0.0	44.3	0.6	5.6	0.6	0.6	6.4	1.8	0.7	0.4	
USED	2. Count	0	163	5	20	11	3	30	1	2	4	273
	Row %	0.0	59.7	1.8	7.3	4.0	1.1	11.0	0.4	0.7	1.5	22.0
	Col %	0.0	22.6	38.5	21.7	57.9	27.3	26.8	4.2	15.4	44.4	
	Total %	0.0	13.1	0.4	1.6	0.9	0.2	2.4	0.1	0.2	0.3	
DK-REFUSED	9. Count	0	9	0	2	1	1	3	1	2	0	24
	Row %	0.0	37.5	0.0	8.3	4.2	4.2	12.5	4.2	8.3	0.0	1.9
	Col %	0.0	1.2	0.0	2.2	5.3	9.1	2.7	4.2	15.4	0.0	
	Total %	0.0	0.7	0.0	0.2	0.1	0.1	0.2	0.1	0.2	0.0	
	Column Total	3	721	13	92	19	11	112	24	13	9	1240
		0.2	58.1	1.0	7.4	1.5	0.9	9.0	1.9	1.0	0.7	100.0

(Continued)

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* C R O S S T A B U L A T I O N O F * * * * * * * * * * * * * * * * * * *

A12 ACQUIRED NEW OR USED BY A2 EQUIPMENT TYPE

A12	Count / Row % / Col % / Total %	A2 CHAIN SA	AIR COMP RESSOR	ELECTRIC GENERAI	Row Total
		12.	13.	14.	
0.		0	0	0	3
		0.0	0.0	0.0	0.2
		0.0	0.0	0.0	
		0.0	0.0	0.0	
1.		170	4	10	940
NEW		18.1	0.4	1.1	75.8
		86.7	50.0	52.6	
		13.7	0.3	0.8	
2.		23	4	7	273
USED		8.4	1.5	2.6	22.0
		11.7	50.0	36.8	
		1.9	0.3	0.6	
9.		3	0	2	24
DK-REFUSED		12.5	0.0	8.3	1.9
		1.5	0.0	10.5	
		0.2	0.0	0.2	
Column Total		196	8	19	1240
		15.8	0.6	1.5	100.0

LAWNMOWERS - 2CYC
File TYP2 (Creation date = 14-Oct-82) CA UTILITY EQUIP. USE : 1981-1982

* * * * * * * * * * * * * * * * * * C R O S S T A B U L A T I O N O F * * * * * * * * * * * * * * * * * *
A12 ACQUIRED NEW OR USED by REG REGION OF THE STATE
* Page 1 of 1

A12 \ REG Count Row % Col % Total %	BAY AREA 1.	CENTRAL VALLEY 2.	SOUTH COAST 3.	Row Total
1. NEW	58 29.1 77.3 22.7	74 37.2 80.4 29.0	67 33.7 76.1 26.3	199 78.0
2. USED	16 29.1 21.3 6.3	18 32.7 19.6 7.1	21 38.2 23.9 8.2	55 21.6
9. DK-REFUSED	1 100.0 1.3 0.4	0 0.0 0.0 0.0	0 0.0 0.0 0.0	1 0.4
Column Total	75 29.4	92 36.1	88 34.5	255 100.0

LAWNMOWERS - 4CYC
File TYP2 (Creation date = 14-Oct-82) CA UTILITY EQUIP. USE : 1981-1982

* C R O S S T A B U L A T I O N O F *
A12 ACQUIRED NEW OR USED by REG REGION OF THE STATE
* Page 1 of 1

A12	Count / Row % / Col % / Total %	REG 1. BAY AREA	2. CENTRAL VALLEY	3. SOUTH COAST	Row Total
1. NEW	Count	100	107	133	340
	Row %	29.4	31.5	39.1	75.7
	Col %	77.5	76.4	73.9	
	Total %	22.3	23.8	29.6	
2. USED	Count	28	31	46	105
	Row %	26.7	29.5	43.8	23.4
	Col %	21.7	22.1	25.6	
	Total %	6.2	6.9	10.2	
9. DK-REFUSED	Count	1	2	1	4
	Row %	25.0	50.0	25.0	0.9
	Col %	0.8	1.4	0.6	
	Total %	0.2	0.4	0.2	
Column Total		129	140	180	449
		28.7	31.2	40.1	100.0

SAMPLE FRAME AND RESPONSES, COMMERCIAL SURVEY

(No. of Firms on List; No. of Questionnaires Mailed; No. of Responses Received)

Yellow Page Headings	Alameda	Contra Costa	Fresno	Kern	Los Angeles	Marin	Merced	Napa	Orange	River-Side	Sacramento	San Bernardino
Auto Body Repair	3, 0, 0	1, 1, 0	1, 1, 0	1, 0, 0	4, 2, 0	1, 0, 0	1, 0, 0	1, 1, 0	4, 0, 0	1, 0, 0	3, 0, 0	1, 0, 0
Auto Repair	3, 1, 0	2, 1, 0	2, 0, 0	1, 0, 0	7, 2, 0	2, 0, 0	1, 0, 0	1, 1, 0	8, 1, 0	3, 0, 0	4, 0, 0	3, 0, 0
Carpenter	2, 0, 0	0, 0, 0	0, 0, 0	0, 0, 0	2, 1, 0	2, 2, 0	2, 2, 0	1, 1, 0	2, 0, 0	0, 0, 0	1, 1, 0	0, 0, 0
Cemeteries	2, 1, 1	1, 1, 0	2, 2, 0	2, 2, 1	2, 2, 0	2, 2, 0	2, 2 1	2, 1, 0	2, 1, 0	2, 2, 1	2, 1, 0	2, 1, 0
Concrete Contractor	2, 1, 0	2, 2, 0	2, 0, 0	2, 0, 0	8, 3, 0	3, 2, 0	2, 2, 0	2, 1, 0	8, 5, 0	2, 2, 1	2, 1, 0	2, 2, 1
Contractor, Alteration	4, 4, 1	2, 1, 0	2, 1, 1	2, 1, 0	11, 2, 0	2, 2, 0	2, 2, 1	2, 2, 0	11, 6, 0	2, 1, 0	2, 1, 0	1, 1, 1
Contractor, Building Gen.	6, 1, 0	2, 0, 0	2, 1, 0	2, 2, 0	20,11, 2	2, 1, 0	2, 1, 0	2, 1, 0	17, 5, 1	6, 4, 1	5, 5, 0	4, 2, 1
Contractor, Engineering, Gen.	1 1, 0	1, 0, 0	1, 1, 0	1, 0, 0	2, 2, 1	1, 1, 0	1, 1, 0	1, 1, 0	2, 1, 0	1, 1, 0	1, 1, 0	1, 0, 0
Contractor, Foundation	1, 0, 0,	0, 0, 0,	0, 0, 0	0, 0, 0	1, 1, 0	0, 0, 0	0, 0, 0	0, 0, 0	1, 0, 0	0, 0, 0	0, 0, 0	0, 0, 0
Contractor, Heating & Ventilation	2, 1, 1,	2, 2, 1	0, 0, 0	2, 2, 1	6, 3, 0	2, 2, 0	0, 0, 0	2, 0, 0	2, 1, 0	2, 2, 0	1, 0, 0	0, 0, 0
Contractor, Masonry	1, 0, 0	1, 0, 0	1, 1, 0	1, 1, 0	3, 1, 1	1, 1, 0	1, 1, 0	1, 0, 0	1, 1, 0	1, 1, 0	2, 1, 0	1, 1, 0
Demolition Contractor	2, 0, 0	2, 0, 0	2, 1, 0	2, 1, 0	6, 1, 0	1, 0, 0	2, 1, 0	1, 1, 0	2, 2, 0	2, 1, 0	2, 1, 0	1, 1, 0
Drywall Contractor	2, 1, 0	2, 0, 0	2, 1, 0	2, 1, 0	2, 2, 1	2, 2, 0	2, 2, 0	2, 2, 0	2, 1, 0	2, 2, 1	2, 2, 0	1, 1, 0
Gardeners	1, 1, 0	1, 0, 0	0, 0, 0	1, 0, 0	2, 1, 0	1, 1, 0	0, 0, 0	0, 0, 0	3, 3, 0	1, 1, 1	1, 1, 0	1, 0, 0,
Golf Courses	2, 2, 0	2, 2, 0	2, 2, 0	2, 2, 0	3, 3, 1	2, 2, 0	2, 2, 1	2, 2, 1	4, 4, 1	2, 2, 0	2, 2, 0	1, 1, 1
Landscape Contractor	2, 0, 0	2, 2, 1	2, 1, 1,	2, 1, 1	4, 4, 1	2, 2, 0	2, 2, 1	2, 1, 0	10, 4, 1	2, 2, 0	4, 3, 1	1, 0, 0
Lathing Contractor	0, 0, 0,	0, 0, 0,	0, 0, 0	0, 0, 0	2, 1, 0	0, 0, 0	0, 0, 0	0, 0, 0	2, 2, 0	0, 0, 0	0, 0, 0	1, 1, 0
Metal Cutting	1, 0, 0,	0, 0, 0	0, 0, 0	0, 0, 0	1, 1, 1	0, 0, 0	0, 0, 0	0, 0, 0	1, 0, 0	0, 0, 0	0, 0, 0	0, 0, 0
Painting Contractor	6, 2, 0	2, 2, 0	2, 1, 0	2, 0, 0	12, 6, 0	2, 2, 0	2, 2, 0	2, 0, 0	8, 4, 1	4, 4, 0	4, 0, 0,	2, 1, 0
Plumbing Contractor	6, 2, 0	2, 1, 0	2, 1, 0	2, 1, 0	14, 9, 0	2, 1, 1	2, 1, 0	2, 2, 0	12, 9, 2	2, 0, 0	6, 5, 0	3, 2, 0
RV Repair	1, 0, 0	1, 1, 0	1, 0, 0	1, 0, 0	1, 0, 0	1, 1, 0	1, 1, 1	0, 0, 0	1, 1, 0	1, 1, 0	1, 1, 1	1, 1, 0
Tractor Repair	0, 0, 0	0, 0, 0	1, 0, 0	1, 0, 0	0, 0, 0	0, 0, 0	1, 0, 0	1, 1, 0	1, 0, 0	0, 0, 0	1, 1, 0	0, 0, 0
Truck Repair	2, 1, 0	2, 0, 0	2, 1, 0	2, 0, 0	8, 3, 0	2, 2, 0	2, 2, 0	2, 2, 0	4, 2, 0	3, 3, 0	4, 3, 0	2, 1, 0
Trucking	3, 3, 0	2, 0, 0	2, 0, 0	2, 1, 0	14, 7, 1	2, 1, 1	2, 2, 1	1, 0, 0	6 1, 0	3, 1, 0	4, 2, 0	2, 2, 0
Trucks, Industrial	2, 1, 0	2, 1, 0	2, 2, 1	2, 2, 0	8, 5, 0	1, 0, 0	0, 0, 0	1, 1, 1	4, 4, 1	1, 1, 1	3, 1, 0	2, 1, 0
Welding	2, 1, 0	2, 1, 0	2, 0, 0	2, 2, 0	8, 4, 0	2, 2, 0	2, 1, 0	2, 1, 0	8, 6, 1	2, 2, 1	2, 1, 0	2, 2, 0
Electric Company	1, 1, 0	1, 1, 0	1, 0, 0	1, 1, 0	2, 2, 2	1, 0, 0	1, 1, 0	0, 0, 0	2, 2, 0	1, 1, 0	1, 1, 0	1, 1, 1
Telephone Company	0, 0, 0	0, 0, 0	0, 0, 0	0, 0, 0	0, 0, 0	0, 0, 0	0, 0, 0	0, 0, 0	0, 0, 0	0, 0, 0	0, 0, 0	0, 0, 0
Schools	1, 1, 1	1, 1, 1	1, 1, 0	1, 1, 0	1, 1, 1	1, 0, 0	1, 1, 1	1, 1, 1	1, 1, 1	1, 1, 0	1, 1, 0	1, 1, 1
Parks and Recreation	1, 1, 1	1, 1, 1	3, 2, 1	1, 1, 0	2, 2, 0	0, 0, 0	2, 2, 1	1, 1, 1	1, 1, 1	2, 2, 1	1, 1, 1	0, 0, 0
Public Works	2, 2, 2,	1, 1, 0	0, 0, 0	0, 0, 0	0, 0, 0	1, 1, 0	0, 0, 0	0, 0, 0	0, 0, 0	0, 0, 0	0, 0, 0	2, 2, 1
Street Maintenance	0, 0, 0,	0, 0, 0	0, 0, 0	2, 2, 2	1, 1, 1	0, 0, 0	1, 1, 0	1, 1, 0	0, 0, 0	2, 2, 2	1, 1, 1	0, 0, 0
Tree Maintenance	0, 0, 0	0, 0, 0	0, 0, 0,	0, 0, 0	0, 0, 0	0, 0, 0	0, 0, 0	0, 0, 0	1, 0, 0	1, 1, 0	1, 1, 1	1, 1, 1
Water and Sewer	0, 0, 0	1, 0, 0	1, 1, 1	0, 0, 0	0, 0, 0	0, 0, 0	0, 0, 0	1, 0, 0	1, 1, 0	0, 0, 0	1, 1, 1	0, 0, 0
State Highway Maint.	1, 1, 1	1, 1, 0	0, 0, 0	1, 1, 0	1, 1, 1	1, 1, 0	1, 1, 0	1, 1, 0	1, 0, 0,	1, 0, 0	0, 0, 0	0, 0, 0
State Parks	0, 0, 0	0, 0, 0	0, 0, 0	0, 0, 0	0, 0, 0	0, 0, 0	0, 0, 0	1, 0, 0	0, 0, 0	1, 1, 1	0, 0, 0	0, 0, 0
Total	65,30, 8	42,23, 4	41, 21,5	43,25, 5	158,84,14	42,31, 2	40,33, 8	39,26, 4	133,69,10	54,41,11	65 40 6	40 26 8

(Cont'd.)

San Diego	San Francisco	San Joaquin	San Mateo	Santa Clara	Solano	Sonoma	Stanislaus	Tulare	Ventura	Total
2, 0, 0	3, 0, 0	1, 0, 0,	2, 0, 0	3, 0, 0	1, 0, 0	1, 0, 0	1, 0, 0	1, 0, 0	1, 0, 0	38, 5, 0
7, 5, 0	5, 0, 0	1, 0, 0	3, 0, 0	5, 0, 0	1, 0, 0	1, 0, 0	1, 0, 0,	1, 0, 0	1, 0, 0	63, 11, 0
1, 0, 0	2, 0, 0	0, 0, 0	2, 2, 1	2, 1, 0	0, 0, 0	2, 1, 0	0, 0, 0	0, 0, 0	0, 0, 0	21, 11, 1
2, 2, 2	2, 2, 1	2, 2, 2	2, 2, 0	3, 2, 1	2, 1, 0	2, 1, 0	2, 1, 1	2, 2, 1	0, 0, 0	42, 33, 12
5, 2, 1	1, 0, 0	2, 1, 1	2, 2, 0	5, 3, 0	2, 1, 0	2, 2, 0	2, 1, 0	2, 1, 0	2, 0, 0	62, 34 4
10, 2, 0	4, 2, 1	2, 0, 0	4, 1, 0	6, 1, 0	2, 1, 0	2, 1, 1	2, 2, 0	2, 1, 1	2, 2, 0	79, 37, 7
11, 7, 11	13, 9, 1	0, 0, 0	6, 3, 2	6, 5, 2	2, 1, 0	2, 1, 0	2, 1, 0	2, 2, 0	2, 1, 0	116, 64, 11
1, 1, 0	1, 1, 0	1, 1, 0	1, 1, 0	1, 0, 0	1, 1, 1	1, 1, 0	1, 1, 0	1, 1, 0	1, 1, 0	24, 19, 2
1, 1, 0	1, 1, 0	0, 0, 0	0, 0, 0	1, 1, 0	0, 0, 0	1, 1, 1	0, 0, 0	0, 0, 0	0, 0, 0	7, 5, 1
2, 2, 0	2, 2, 0	2, 1, 0	2, 2, 0	2, 1, 0	2, 1, 0	1, 1, 0	2, 0, 0,	0, 0, 0	2, 0, 0	38, 23, 3
1, 1, 0	1, 1, 0	1, 1, 0	1, 1, 0	1, 0, 0	0, 0, 0	1, 0, 0	1, 1, 0,	1, 0, 0	1, 1, 0	24, 15, 1
2, 1, 0	2, 1, 1	2, 1, 0	2, 2, 0	2, 1, 0	2, 1, 0	0, 0, 0	0, 0, 0	2, 2, 0	0, 0, 0	39, 19, 1
1, 1, 0	2, 2, 1	2, 1, 0	1, 1, 0	2, 1, 0	2, 1, 0	2, 1, 0	2, 2, 0	2, 1, 0	2, 1, 0	41, 29, 3
4, 2, 2	1, 1, 0	1, 1, 0	1, 1, 0	2, 1, 0	0, 0, 0	1, 1, 0	1, 1, 0	1, 1, 0	1, 1, 0	25, 18, 3
3, 3, 0	1, 1, 0	2, 1, 0	2, 2, 1	2, 2, 2	1, 1, 0	2, 2, 0	2, 1, 1	2, 1, 0	2, 2, 1	45, 42, 10
10, 6, 1	2, 0, 0	3, 3, 1	4, 2, 0	4, 4, 0	2, 2, 0	2, 1, 0	2, 1, 1	2, 1, 0	2, 1, 0	68, 43, 10
0, 0, 0	1, 1, 0	0, 0, 0	0, 0, 0	0, 0, 0	0, 0, 0	2, 0, 0	2, 2, 2	0, 0, 0	0, 0, 0	8, 7, 2
1, 0, 0	0, 0, 0	0, 0, 0	1, 0, 0	1, 0, 0	0, 0, 0	0, 0, 0	0, 0, 0	0, 0, 0	0, 0, 0	6, 1, 1
7, 3, 1	6, 3, 0	2, 1, 0	4, 1, 0	6, 3, 1	2, 2, 2	2, 0, 0	2, 1, 0	2, 1, 0	2, 1, 0	83, 40, 5
10, 7, 0	6, 5, 1	2, 1, 0	4, 3, 1	6, 5, 0	2, 2, 1	2, 1, 0	2, 2, 1	2, 2, 0	2, 0, 0	93, 62, 7
1, 0, 0	0, 0, 0	0, 0, 0	1, 1, 0	1, 1, 0	1, 0, 0	2, 1, 0	1, 0, 0	1, 1, 0	1, 0, 0	19, 11, 2
0, 0, 0	0, 0, 0	1, 1, 0	0, 0, 0	1, 1, 1	0, 0, 0	1, 1, 0	1, 1, 0	1, 1, 0	0, 0, 0	10, 6, 1
5, 2, 1	2, 0, 0	2, 2, 0	2, 0, 0	2, 1, 0	2, 0, 0	2, 1, 0	2, 1, 0	2, 1, 0	2, 1, 0	58, 29, 1
3, 1, 0	4, 2, 0	2, 2, 0	4, 2, 0	6, 2, 0	2, 0, 0	1, 1, 0	2, 1, 0	2, 1, 1	2, 2, 0	71, 35, 5
4, 2, 0	1, 1, 0	2, 2, 1	2, 2, 0	2, 1, 0	2, 0, 0	2, 1, 0	1, 0, 0	2, 1, 0	2, 2, 0	47, 34, 7
4, 2, 1	2, 1, 0	2, 0, 0	2, 1, 1	4, 2, 0	2, 2, 0	2, 1, 0	2, 2, 2	2, 1, 0	2, 2, 0	60, 38, 5
1, 0, 0	1, 1, 0	1, 1, 0	2, 2, 0	1, 1, 0	0, 0, 0	1, 1, 1	1, 1, 1	2, 2, 0	1, 1, 0	24, 21, 5
1, 1, 0	0, 0, 0	0, 0, 0	0, 0, 0	0, 0, 0	0, 0, 0	0, 0, 0	0, 0, 0	0, 0, 0	0, 0, 0	1, 1, 0
1, 1, 0	1, 1, 0	1, 0, 0	1, 1, 0	1, 1, 0	1, 0, 0	1, 1, 1	2, 2, 0	1, 1, 0	2, 2, 0	24, 21, 8
1, 1, 1	1, 1, 0	2, 2, 1	1, 1, 0	2, 2, 1	1, 1, 1	1, 1, 1	1, 1, 0	1, 1, 0	0, 0, 0	26, 25, 14
0, 0, 0	0, 0, 0	0, 0, 0	1, 0, 0	1, 1, 0	1, 1, 1	0, 0, 0	1, 1, 0	1, 1, 0	0, 0, 0	11, 10, 4
1, 1, 0	0, 0, 0	0, 0, 0	0, 0, 0	0, 0, 0	0, 0, 0	1, 1, 0	0, 0, 0	0, 0, 0	1, 1, 0	11, 11, 8
1, 1, 0	0, 0, 0	0, 0, 0	0, 0, 0	0, 0, 0	0, 0, 0	0, 0, 0	0, 0, 0	0, 0, 0	0, 0, 0	5, 4, 2
0, 0, 0	0, 0, 0	1, 1, 0	0, 0, 0	0, 0, 0	0, 0, 0	1, 1, 0	0, 0, 0	0, 0, 0	1, 1, 0	9, 7, 4
1, 1, 0	1, 1, 1	0, 0, 0	0, 0, 0	1, 1, 1	0, 0, 0	0, 0, 0	0, 0, 0	0, 0, 0	1, 1, 0	16, 13, 3
0, 0, 0	1, 1, 0	0, 0, 0	0, 0, 0	0, 0, 0	0, 0, 0	1, 1, 0	1, 1, 0	0, 0, 0	0, 0, 0	3, 2, 1
105 59 12	70 41 7	40 26 6	60 36 6	82 45 9	35 21 6	42 27 8	42,29,10	41,29, 4	38,24, 1	1317, 786, 154

File INONE (Creation date = 28-Oct-82) CA UTILITY EQUIP.: SEPT. 1982

Variable A2 NO. OF TYPE 2 RECORDS

Sum 916.000

Valid observations - 150 Missing observations - 0

- -

Variable A6 NO. OF FULL TIME EMPLOYEES

Sum 26640.000

Valid observations - 143 Missing observations - 7

- -

Variable A7 NO. OF PART TIME EMPLOYEES

Sum 822.000

Valid observations - 141 Missing observations - 9

- -

Variable A8 NO. OF AUTO MECHANICS

Sum 350.000

Valid observations - 148 Missing observations - 2

- -

Variable A9 NO. OF AUTO BODY REPAIRMEN

Sum 12.000

Valid observations - 148 Missing observations - 2

File INONE (Creation date = 28-Oct-82) CA UTILITY EQUIP.: SEPT. 1982

Variable A10 NO. OF CARPENTERS

Sum 375.000
Valid observations - 148 Missing observations - 2

Variable A11 NO. OF CEMENT FINISHERS

Sum 133.000
Valid observations - 148 Missing observations - 2

Variable A12 NO. OF DELIVERY WORKERS

Sum 139.000
Valid observations - 148 Missing observations - 2

Variable A13 NO. OF DRYWALL INSTALLERS

Sum 135.000
Valid observations - 148 Missing observations - 2

Variable A14 NO. OF ELECTRICIANS

Sum 82.000
Valid observations - 148 Missing observations - 2

File INONE (Creation date = 28-Oct-82) CA UTILITY EQUIP.: SEPT. 1992

Variable A15 NO. OF ELECTRICAL POWER LINE INSTALLERS

Sum 149.000

Valid observations - 148 Missing observations - 2

Variable A16 NO. OF GARDENERS

Sum 3314.000

Valid observations - 148 Missing observations - 2

Variable A17 NO. OF HEAVY EQUIPMENT ~~MANUFACTURERS~~ OPERATORS

20

Sum 354.000

Valid observations - 148 Missing observations - 2

Variable A18 NO. OF PAINTERS

Sum 139.000

Valid observations - 148 Missing observations - 2

Variable A19 NO. OF PLUMBERS

Sum 1616.000

Valid observations - 148 Missing observations - 2

File INONE (Creation_date = 26-Oct-82) CA UTILITY EQUIP.: SEPT. 1982

Variable A20 NO. OF SHEET METAL WORKERS

Sum 65.000
Valid observations - 148 Missing observations - 2

Variable A21 NO. OF TELEPHONE LINE INSTALLERS

Sum 7.000
Valid observations - 148 Missing observations - 2

Variable A22 NO. OF TRUCK DRIVERS

Sum 937.000
Valid observations - 148 Missing observations - 2

Variable A23 NO. OF WELDERS

Sum 80.000
Valid observations - 148 Missing observations - 2

Variable A24 NO. OF ENGINEERS

Sum 68.000
Valid observations - 148 Missing observations - 2

File INONE (Creation date = 28-Oct-82) CA UTILITY EQUIP.: SEPT. 1982

Variable A25 NO. OF FORESTERS

Sum 13.000

Valid observations - 148 Missing observations - 2

Variable A26 NO. OF EXCAVATING-GRADING OPERATERS

Sum 261.000

Valid observations - 148 Missing observations - 2

Variable A27 NO. OF STATIONARY ENGINEERS

Sum 14.000

Valid observations - 148 Missing observations - 2

Variable A28 NO. OF JANITORS

Sum 91.000

Valid observations - 148 Missing observations - 2

CPU time required: 4.13 seconds

58 SAVE FILE

File INONE has been saved with 32 variables:

SEQNUM	SUBFILE	CASEGT	ID	A1	A2	A3	A4	A5	A6
A7	A8	A9	A10	A11	A12	A13	A14	A15	A16
A17	A18	A19	A20	A21	A22	A23	A24	A25	A26
A27	A28								

The subfiles are:

Name	No. of Cases
INONE	150

59 FINISH

CPU time required: 0.62 seconds

Please notify your SPSS coordinator that SPSS M90 usage reporting is due

Normal end of job
59 control cards were processed
0 errors were detected

File INTWO (Creation date = 28-Oct-82) CA UTILITY EQUIP: SEPT. 82

A2 EQUIPMENT TYPE

No. of implements

Category label	Code	Absolute freq	Relative freq (%)	Adjusted freq (%)	Cum freq (%)
CHAINSAWS	1.	138	15.1	15.6	15.6
COMPRESSORS	2.	74	8.1	8.4	24.0
GENERATORS	3.	86	9.4	9.7	33.7
GRINDERS	4.	12	1.3	1.4	35.1
PUMPS	5.	74	8.1	8.4	43.5
REFRIDGERATION UNITS	6.	4	0.4	0.5	43.9
WELDING MACHINES	7.	45	4.9	5.1	49.0
WB-LAWNMOWER-2CYC	8.	57	6.2	6.5	55.5
WB-LAWNMOWER-4CYC	9.	79	8.6	8.9	64.4
RIDING LAWNMOWER	10.	88	9.6	10.0	74.4
GARDEN TRACTOR	11.	43	4.7	4.9	79.3
PARKING LOT VACUUM	12.	15	1.6	1.7	81.0
TRIMMERS-EDGERS	13.	50	5.5	5.7	86.6
POST HOLE DIGGERS	14.	3	0.3	0.3	87.0
TILLER	15.	17	1.9	1.9	88.9
TRENCHER	16.	4	0.4	0.5	89.4
SOD CUTTER	17.	6	0.7	0.7	90.0
CONCRETE SAW	18.	3	0.3	0.3	90.4
FORK LIFT	19.	1	0.1	0.1	90.5
MIXERS	20.	9	1.0	1.0	91.5
BLOWERS	21.	13	1.4	1.5	93.0
SCOOTERS	22.	9	1.0	1.0	94.0
TROWELING MACHINES	23.	9	1.0	1.0	95.0

File INTWO (Creation date = 28-Oct-82) CA UTILITY EQUIP: SEPT. 82

COMPACTOR	24.	3	0.3	0.3	95.4
SPREADER	25.	19	2.1	2.2	97.5
BRUSH CHIPPER	26.	4	0.4	0.5	98.0
HIGH PRESS.MACH.	27.	2	0.2	0.2	98.2
PAINT STRIPER	28.	3	0.3	0.3	98.5
EARLY WARNER	29.	2	0.2	0.2	98.8
JUMPING JACK	30.	1	0.1	0.1	98.9
FLAT WACKER	31.	3	0.3	0.3	99.2
SNAKE	32.	1	0.1	0.1	99.3
ROLLER	33.	1	0.1	0.1	99.4
VIBER-PLATE	34.	1	0.1	0.1	99.5
GAS RODDER	35.	1	0.1	0.1	99.7
WALKER	36.	1	0.1	0.1	99.8
WASH TRAILER	37.	1	0.1	0.1	99.9
ASPHALT RECLAIMER	38.	1	0.1	0.1	100.0
	-1.	33	3.6	Missing	100.0
	Total	916	100.0	100.0	

Valid cases 883 Missing cases 33

File INTNO (Creation date = 28-Oct-82) CA UTILITY EQUIP: SEPT. 82

DESCRIPTION OF SUBPOPULATIONS

Criterion variable A3 NUMBER OF UNITS USED
broken down by A2 EQUIPMENT TYPE
by A9 OCCUPATION OF PRINCIPAL USER

Variable	Code	Value label	Sum	N
For entire population			4067.0000	(649)
A2	1.	CHAINSAWS	946.0000	
A9	7.000	ALL WORKERS	16.0000	(132)
A9	10.000	CARPENTERS	66.0000	(2)
A9	15.000	ELEC.POWER LINE INST	3.0000	(16)
A9	16.000	GARDENERS	776.0000	(1)
A9	17.000	HEAVY EQUIPMENT OPR.	40.0000	(92)
A9	19.000	PLUMBERS	21.0000	(7)
A9	20.000	SHEET METAL WORKERS	2.0000	(5)
A9	22.000	TRUCK DRIVERS	18.0000	(1)
A9	26.000	EXCAVATING-GRADING O	5.0000	(2)
A9	28.000	JANITORS	1.0000	(1)
				(1)
A2	2.	COMPRESSORS	200.0000	
A9	7.000	ALL WORKERS	6.0000	(71)
A9	8.000	AUTO MECHANICS	11.0000	(2)
A9	9.000	AUTO BODY REPAIRMEN	3.0000	(2)
A9	10.000	CARPENTERS	21.0000	(3)
A9	13.000	DRYWALL INSTALLERS	7.0000	(14)
A9	16.000	GARDENERS	39.0000	(7)
A9	17.000	HEAVY EQUIPMENT OPR.	34.0000	(21)
A9	18.000	PAINTERS	7.0000	(12)
A9	19.000	PLUMBERS	1.0000	(4)
A9	22.000	TRUCK DRIVERS	24.0000	(1)
A9	26.000	EXCAVATING-GRADING O	46.0000	(2)
A9	28.000	JANITORS	1.0000	(2)
				(1)
A2	3.	GENERATORS	340.0000	
A9	7.000	ALL WORKERS	19.0000	(78)
A9	8.000	AUTO MECHANICS	4.0000	(5)
A9	10.000	CARPENTERS	22.0000	(1)
A9	11.000	CEMENT FINISHERS	2.0000	(13)
A9	13.000	DRYWALL INSTALLERS	1.0000	(1)
A9	14.000	ELECTRICIANS	3.0000	(1)
A9	15.000	ELEC.POWER LINE INST	14.0000	(3)
A9	16.000	GARDENERS	127.0000	(4)
A9	17.000	HEAVY EQUIPMENT OPR.	20.0000	(28)
A9	18.000	PAINTERS	3.0000	(6)
A9	19.000	PLUMBERS	76.0000	(2)
A9	22.000	TRUCK DRIVERS	45.0000	(9)
A9	26.000	EXCAVATING-GRADING O	3.0000	(1)
A9	28.000	JANITORS	1.0000	(1)
				(1)

Criterion variable A3

Variable	Code	Value label	Sum	N
A2	4.	GRINDERS	21.0000	(11)
A9	8.000	AUTO MECHANICS	6.0000	(2)
A9	10.000	CARPENTERS	3.0000	(1)
A9	11.000	CEMENT FINISHERS	4.0000	(2)
A9	16.000	GARDENERS	6.0000	(4)
A9	17.000	HEAVY EQUIPMENT OPR.	2.0000	(2)
A2	5.	PUMPS	252.0000	(69)
A9	7.000	ALL WORKERS	5.0000	(1)
A9	10.000	CARPENTERS	28.0000	(9)
A9	11.000	CEMENT FINISHERS	5.0000	(3)
A9	13.000	DRYWALL INSTALLERS	3.0000	(1)
A9	15.000	ELEC.POWER LINE INST	3.0000	(2)
A9	16.000	GARDENERS	77.0000	(26)
A9	17.000	HEAVY EQUIPMENT OPR.	17.0000	(8)
A9	18.000	PAINTERS	1.0000	(1)
A9	19.000	PLUMBERS	95.0000	(16)
A9	25.000	FORESTERS	2.0000	(1)
A9	26.000	EXCAVATING-GRADING O	16.0000	(1)
A2	6.	REFRIDGERATION UNITS	55.0000	(3)
A9	16.000	GARDENERS	43.0000	(2)
A9	22.000	TRUCK DRIVERS	12.0000	(1)
A2	7.	WELDING MACHINES	106.0000	(44)
A9	8.000	AUTO MECHANICS	31.0000	(6)
A9	10.000	CARPENTERS	2.0000	(2)
A9	16.000	GARDENERS	16.0000	(10)
A9	17.000	HEAVY EQUIPMENT OPR.	4.0000	(2)
A9	19.000	PLUMBERS	13.0000	(4)
A9	20.000	SHEET METAL WORKERS	3.0000	(3)
A9	22.000	TRUCK DRIVERS	2.0000	(1)
A9	23.000	WELDERS	34.0000	(15)
A9	28.000	JANITORS	1.0000	(1)
A2	8.	WB-LAWNMOWER-2CYC	365.0000	(54)
A9	13.000	DRYWALL INSTALLERS	1.0000	(1)
A9	16.000	GARDENERS	352.0000	(47)
A9	17.000	HEAVY EQUIPMENT OPR.	4.0000	(1)
A9	18.000	PAINTERS	1.0000	(1)
A9	19.000	PLUMBERS	1.0000	(1)
A9	20.000	SHEET METAL WORKERS	1.0000	(1)
A9	22.000	TRUCK DRIVERS	4.0000	(1)
A9	23.000	WELDERS	1.0000	(1)
A2	9.	WB-LAWNMOWER-4CYC	551.0000	(77)
A9	7.000	ALL WORKERS	10.0000	(1)
A9	11.000	CEMENT FINISHERS	1.0000	(1)
A9	16.000	GARDENERS	509.0000	(69)

Criterion variable A3

Variable	Code	Value label	Sum	N
A9	17.000	HEAVY EQUIPMENT OPR.	2.0000	(1)
A9	19.000	PLUMBERS	1.0000	(1)
A9	22.000	TRUCK DRIVERS	10.0000	(2)
A9	26.000	EXCAVATING-GRADING O	6.0000	(1)
A9	28.000	JANITORS	12.0000	(1)
A2	10.	RIDING LAWNMOWER	325.0000	(87)
A9	7.000	ALL WORKERS	8.0000	(1)
A9	13.000	DRYWALL INSTALLERS	1.0000	(1)
A9	16.000	GARDENERS	297.0000	(77)
A9	17.000	HEAVY EQUIPMENT OPR.	1.0000	(1)
A9	19.000	PLUMBERS	1.0000	(1)
A9	22.000	TRUCK DRIVERS	4.0000	(4)
A9	28.000	JANITORS	11.0000	(1)
A9	32.000		2.0000	(1)
A2	11.	GARDEN TRACTOR	93.0000	(42)
A9	7.000	ALL WORKERS	2.0000	(2)
A9	10.000	CARPENTERS	1.0000	(1)
A9	16.000	GARDENERS	86.0000	(36)
A9	17.000	HEAVY EQUIPMENT OPR.	1.0000	(1)
A9	22.000	TRUCK DRIVERS	3.0000	(2)
A2	12.	PARKING LOT VACUUM	36.0000	(15)
A9	16.000	GARDENERS	35.0000	(14)
A9	28.000	JANITORS	1.0000	(1)
A2	13.	TRIMMERS-EDGERS	336.0000	(50)
A9	11.000	CEMENT FINISHERS	1.0000	(1)
A9	16.000	GARDENERS	334.0000	(48)
A9	19.000	PLUMBERS	1.0000	(1)
A2	14.	POST HOLE DIGGERS	3.0000	(3)
A9	10.000	CARPENTERS	1.0000	(1)
A9	16.000	GARDENERS	1.0000	(1)
A9	17.000	HEAVY EQUIPMENT OPR.	1.0000	(1)
A2	15.	TILLER	19.0000	(16)
A9	16.000	GARDENERS	19.0000	(16)
A2	16.	TRENCHER	4.0000	(4)
A9	16.000	GARDENERS	4.0000	(4)
A2	17.	SOD CUTTER	69.0000	(6)
A9	16.000	GARDENERS	69.0000	(6)
A2	18.	CONCRETE SAW	3.0000	(3)
A9	10.000	CARPENTERS	1.0000	(1)
A9	11.000	CEMENT FINISHERS	2.0000	(2)
A2	19.	FORK LIFT	1.0000	(1)
A9	22.000	TRUCK DRIVERS	1.0000	(1)

Criterion variable A3

Variable	Code	Value label	Sum	N
A2	20.	MIXERS	23.0000	(9)
A9	10.000	CARPENTERS	2.0000	(2)
A9	11.000	CEMENT FINISHERS	1.0000	(1)
A9	13.000	DRYWALL INSTALLERS	7.0000	(3)
A9	16.000	GARDENERS	13.0000	(3)
A2	21.	BLOWERS	113.0000	(13)
A9	16.000	GARDENERS	100.0000	(10)
A9	19.000	PLUMBERS	4.0000	(2)
A9	22.000	TRUCK DRIVERS	9.0000	(1)
A2	22.	SCOOTERS	49.0000	(9)
A9	16.000	GARDENERS	49.0000	(9)
A2	23.	TROWELING MACHINES	21.0000	(9)
A9	10.000	CARPENTERS	1.0000	(1)
A9	11.000	CEMENT FINISHERS	20.0000	(8)
A2	24.	COMPACTOR	7.0000	(3)
A9	11.000	CEMENT FINISHERS	3.0000	(2)
A9	16.000	GARDENERS	4.0000	(1)
A2	25.	SPREADER	22.0000	(18)
A9	10.000	CARPENTERS	1.0000	(1)
A9	13.000	DRYWALL INSTALLERS	1.0000	(1)
A9	16.000	GARDENERS	16.0000	(12)
A9	18.000	PAINTERS	4.0000	(4)
A2	26.	BRUSH CHIPPER	7.0000	(4)
A9	16.000	GARDENERS	5.0000	(3)
A9	26.000	EXCAVATING-GRADING O	2.0000	(1)
A2	27.	HIGH PRESS.MACH.	5.0000	(2)
A9	8.000	AUTO MECPANICS	1.0000	(1)
A9	17.000	HEAVY EQUIPMENT OPR.	5.0000	(1)
A2	28.	PAINT STRIPER	3.0000	(3)
A9	16.000	GARDENERS	3.0000	(3)
A2	29.	EARLY WARNER	97.0000	(2)
A9	16.000	GARDENERS	72.0000	(1)
A9	19.000	PLUMBERS	25.0000	(1)
A2	30.	JUMPING JACK	1.0000	(1)
A9	17.000	HEAVY EQUIPMENT OPR.	1.0000	(1)
A2	31.	FLAT WACKER	3.0000	(3)
A9	16.000	GARDENERS	2.0000	(2)
A9	17.000	HEAVY EQUIPMENT OPR.	1.0000	(1)

CALIF. UTILITY EQUIP.

Criterion variable A3

Variable	Code	Value label	Sum	N
A2	32.	SNAKE PLUMBERS	1.0000	(1)
A9	19.000		1.0000	(1)
A2	33.	POLLER GARDENERS	1.0000	(1)
A9	16.000		1.0000	(1)
A2	34.	VIBER-PLATE GARDENERS	1.0000	(1)
A9	16.000		1.0000	(1)
A2	35.	GAS RODDER GARDENERS	1.0000	(1)
A9	16.000		1.0000	(1)
A2	36.	WALKER CARPENTERS	2.0000	(1)
A9	10.000		2.0000	(1)
A2	37.	WASH TRAILER ELECTRICIANS	1.0000	(1)
A9	14.000		1.0000	(1)
A2	38.	ASPHALT RECLAIMER CEMENT FINISHERS	1.0000	
A9	11.000		1.0000	

Total cases = 916
Missing cases = 67 or 7.3%

WORK RELATED EQUIPMENT

#625
Nov. '81
From wave #1

16

	Equip	Industry/Occupation
1	edger	School gardener
2	edger	School lawn mower
3	generator	Electrician
4	chainsaw	Park ranger
5	compressor	Trucking
6	chainsaw	Trucking
7	chainsaw	Pipefitter in a shipyard
8	lawnmower	City gardener
9	mud hammer	City gardener
10	edger	City gardener
11	sweeper (for parking lot)	Industrial engineer
12	compressor	Industrial engineer
13	generator	Marine biologist
14	lawn mower - walk behind	Landscaper
15	blower	Landscaper
16	edger	Landscaper
17	weed cutter	Landscaper
18	Trimmer	Landscaper
19	mower - walk behind	Landscaper
20	mower - walk behind	Landscaper
21	blower	Landscaper
22	edger	Landscaper
23	weed eater	Landscaper
24	Tiller	Cemetary groundskeeper
25	Garden tractor	Home farmer -
26	Chainsaw	Home farmer -
27	generator	Carpenter
28	compressor	Carpenter
29	chainsaw	Welder for a dairy
30	chainsaw	Harvester in ag. industry
31	compressor	carpenter

#625

Jan 82

	Equip	Industry/Occupation	16 households	Wave #
1	welding machine	Rail & fence contractor		
2	compressor	" " "		
3	auger	" " "		
4	chain saw	" " "		
5	jack hammer	" " "		
6	generator	concrete cutter		
7	generator	city gas & electric Co.		
8	compressor	egg/poultry		
9	blower	gardening equip. distributor		
10	mower - 2 cycle	maintenance man		
11	chain saw	" "		
12	generator	mechanic at a car wash		
13	compressor	" " " " "		
14	generator	city engineer		
15	chain saw	dairy farmer		
16	chain saw	Dept Trans, landscape worker		
17	compressor	contractor - solar		
18	generator	" "		
19	blower	gas station manager		
20	Tamper	construction laborer		
21	chain saw	tree surgeon		
22	chain saw	" "		
23	Trimmer	" "		
24	chain saw	dairy farmer		
25	generator	dairy farmer		
26	chain saw	foreman PG&E		

#625

Apr. 8

19 household waste

	Equip	Industry/Occupation
1.	chain saw	park ranger
2.	generator	" "
3.	Chainsaw	tree cutter : citrus industry
4	water pump	county sanitation dept
5	snake	" " "
6.	ground saw	Tree service
7.	trim saw	" "
8.	chain saw	" "
9	chain saw (7' bar)	" "
10	chain saw (24" bar)	" "
11	chain saw (4' bar)	" "
12	chain saw	building contractor
13	compressor	" "
14	ditchwitch	electrician
15	compressor	"
16	generator	carpet layer
17	mower	gardener
18	hoist	roofer
19	roof cutting machine	"
20	generator	fireman
21	Generator	County water, sewer, fire dept/street
22	mower	gardner
23	edger	"
24	blower	"
25	compressor	scenic artist for theater
26	generator	electrician
27	Chain saw (18" bar)	roofer
28	chain saw (12" bar)	"
29	chain saw (12" bar)	"
30	chain saw (18" bar)	"
31	compressor	"
32	compressor	"
33	blade saw	"
34	generator	"
35	generator (diesel)	movie producer
36	Chain saw	tree cutter
37	chain saw	" "
38	trimmer	"
39	chain saw	" "
41	lawn mower	gardener
42	chain saw	tree farmer
43	lawn mower	gardener (teen age)

#625

July, 8

WAVE #

13 HOUSEHOLDS

Equipment	Industry/Occupation
1. edger	TREE SERVICE
2. BLOWER	"
3. LAWN MOWER	"
4. TRIMMER	"
5 CHAIN SAW	"
6. CHAIN SAW	"
7 CHAIN SAW	"
8. AIR COMPRESSOR	"
9. GENERATOR	HOSPITAL WAREHOUSEMAN
10. CARPET CLEANER	CARPET CLEANING SERVICE
11. GENERATOR	SOLID WASTE MANAGEMENT
12. CHAINSAW	GAS & ELECTRIC COMPANY
13. CHAINSAW	CONSTRUCTION
14. LAWN MOWER	FIRE DEPARTMENT
15. LAWN MOWER	FIRE DEPARTMENT
16. TRIMMER	"
17. EDGER	"
18. BLOWER	"
19. CHAINSAW	"
20. WATER PUMP	CONSTRUCTION
21. CEMENT PUMP	"
22. GENERATOR	"
23. CHAIN SAW	RANCHING
24. GENERATOR	"
25. WATER PUMP	"
27. WELDER	PACKING HOUSE
28. CHAINSAW	FARMING
29. EDGER	ESTATE MANAGEMENT
30. LAWN MOWER	"
31. BLOWER	"

File INT40 (Creation date = 28-Oct-82) CA UTILITY EQUIP: SEPT. 62

DESCRIPTION OF SUBPOPULATIONS

Criterion variable A4 HORSEPOWER
broken down by A2 EQUIPMENT TYPE
by A9 OCCUPATION OF PRINCIPAL USER

Variable	Code	Value label	Sum	N
For entire population			262320.9700	(765)
A2	1.	CHAINSAWS	294.3900	(107)
A9	7.000	ALL WORKERS	5.0000	(2)
A9	10.000	CARPENTERS	23.0000	(12)
A9	15.000	ELEC.POWER LINE INST	3.0000	(1)
A9	16.000	GARDENERS	220.6400	(77)
A9	17.000	HEAVY EQUIPMENT OPR.	5.7500	(3)
A9	19.000	PLUMBERS	18.0000	(7)
A9	20.000	SHEET METAL WORKERS	1.0000	(1)
A9	22.000	TRUCK DRIVERS	17.0000	(2)
A9	26.000	EXCAVATING-GRADING O	0.5000	(1)
A9	28.000	JANITORS	0.5000	(1)
A2	2.	COMPRESSORS	547.2500	(59)
A9	7.000	ALL WORKERS	12.0000	(1)
A9	8.000	AUTO MECHANICS	16.5000	(2)
A9	9.000	AUTO BODY REPAIRMEN	30.0000	(3)
A9	10.000	CARPENTERS	110.0000	(12)
A9	13.000	DRYWALL INSTALLERS	50.0000	(7)
A9	16.000	GARDENERS	105.5000	(16)
A9	17.000	HEAVY EQUIPMENT OPR.	127.7500	(10)
A9	18.000	PAINTERS	57.0000	(4)
A9	22.000	TRUCK DRIVERS	20.5000	(1)
A9	26.000	EXCAVATING-GRADING O	13.0000	(2)
A9	28.000	JANITORS	5.0000	(1)
A2	3.	GENERATORS	256480.0000	(72)
A9	7.000	ALL WORKERS	39111.0000	(5)
A9	8.000	AUTO MECHANICS	3729.0000	(1)
A9	10.000	CARPENTERS	47122.0000	(12)
A9	11.000	CEMENT FINISHERS	746.0000	(1)
A9	13.000	DRYWALL INSTALLERS	5966.0000	(1)
A9	14.000	ELECTRICIANS	10750.0000	(3)
A9	15.000	ELEC.POWER LINE INST	8929.0000	(4)
A9	16.000	GARDENERS	89293.0000	(25)
A9	17.000	HEAVY EQUIPMENT OPR.	23411.0000	(8)
A9	18.000	PAINTERS	7229.0000	(2)
A9	19.000	PLUMBERS	16462.0000	(6)
A9	22.000	TRUCK DRIVERS	3729.0000	(1)
A9	26.000	EXCAVATING-GRADING O	3.0000	(1)
A2	4.	GRINDERS	64.3300	(10)
A9	8.000	AUTO MECHANICS	2.8300	(2)

135

WATTS not HP

Criterion variable A4

Variable	Code	Value label	Sum	N
A9	10.000	CARPENTERS	1.5000	(1)
A9	11.000	CEMENT FINISHERS	21.0000	(2)
A9	16.000	GARDENERS	76.0000	(3)
A9	17.000	HEAVY EQUIPMENT OPR.	11.0000	(2)
A2	5.	PUMPS	404.4000	(65)
A9	7.000	ALL WORKERS	7.6000	(1)
A9	10.000	CARPENTERS	23.0000	(9)
A9	11.000	CEMENT FINISHERS	24.0000	(3)
A9	15.000	ELEC.POWER LINE INST	6.0000	(2)
A9	16.000	GARDENERS	111.0000	(24)
A9	17.000	HEAVY EQUIPMENT OPR.	117.0000	(6)
A9	18.000	PAINTERS	5.0000	(1)
A9	19.000	PLUMBERS	100.8000	(15)
A9	25.000	FORESTERS	3.0000	(1)
A9	26.000	EXCAVATING-GRADING O	5.0000	(1)
A2	6.	REFRIDGERATION UNITS	62.5000	(3)
A9	16.000	GARDENERS	38.5000	(2)
A9	22.000	TRUCK DRIVERS	24.0000	(1)
A2	7.	WELDING MACHINES	546.1000	(37)
A9	8.000	AUTO MECHANICS	83.0000	(5)
A9	10.000	CARPENTERS	7.0000	(1)
A9	16.000	GARDENERS	119.0000	(8)
A9	17.000	HEAVY EQUIPMENT OPR.	41.0000	(2)
A9	19.000	PLUMBERS	64.0000	(4)
A9	20.000	SHEET METAL WORKERS	55.0000	(3)
A9	23.000	WELDERS	170.1000	(13)
A9	28.000	JANITORS	7.0000	(1)
A2	8.	WB-LAWNMOWER-2CYC	185.2500	(49)
A9	16.000	GARDENERS	168.7500	(44)
A9	17.000	HEAVY EQUIPMENT OPR.	3.0000	(1)
A9	19.000	PLUMBERS	3.0000	(1)
A9	20.000	SHEET METAL WORKERS	3.0000	(1)
A9	22.000	TRUCK DRIVERS	5.0000	(1)
A9	23.000	WELDERS	2.5000	(1)
A2	9.	WB-LAWNMOWER-4CYC	342.4000	(75)
A9	7.000	ALL WORKERS	6.5000	(1)
A9	11.000	CEMENT FINISHERS	3.5000	(1)
A9	16.000	GARDENERS	295.4000	(67)
A9	17.000	HEAVY EQUIPMENT OPR.	4.0000	(1)
A9	19.000	PLUMBERS	3.0000	(1)
A9	22.000	TRUCK DRIVERS	13.0000	(2)
A9	26.000	EXCAVATING-GRADING O	3.0000	(1)
A9	28.000	JANITORS	14.0000	(1)
A2	10.	RIDING LAWNMOWER	1467.7000	(85)
A9	7.000	ALL WORKERS	9.0000	(1)

Criterion variable A4

Variable	Code	Value label	Sum	N
A9	13.000	DRYWALL INSTALLERS	12.0000	(1)
A9	16.000	GARDENERS	1159.7000	(75)
A9	17.000	HEAVY EQUIPMENT OPR.	12.0000	(1)
A9	19.000	PLUMBERS	8.0000	(1)
A9	22.000	TRUCK DRIVERS	36.0000	(4)
A9	28.000	JANITORS	11.0000	(1)
A9	32.000		220.0000	(1)
A2	11.	GARDEN TRACTOR	909.5000	(41)
A9	7.000	ALL WORKERS	21.0000	(2)
A9	10.000	CARPENTERS	19.0000	(1)
A9	16.000	GARDENERS	771.5000	(35)
A9	17.000	HEAVY EQUIPMENT OPR.	1.0000	(1)
A9	22.000	TRUCK DRIVERS	94.0000	(2)
A2	12.	PARKING LOT VACUUM	156.0000	(15)
A9	16.000	GARDENERS	152.0000	(14)
A9	28.000	JANITORS	4.0000	(1)
A2	13.	TRIMMERS-EDGERS	99.0000	(43)
A9	11.000	CEMENT FINISHERS	2.5000	(1)
A9	16.000	GARDENERS	94.5000	(41)
A9	19.000	PLUMBERS	2.0000	(1)
A2	14.	POST HOLE DIGGERS	6.5000	(3)
A9	10.000	CARPENTERS	2.0000	(1)
A9	16.000	GARDENERS	1.5000	(1)
A9	17.000	HEAVY EQUIPMENT OPR.	3.0000	(1)
A2	15.	TILLER	93.0000	(14)
A9	16.000	GARDENERS	93.0000	(14)
A2	16.	TRENCHER	58.0000	(3)
A9	16.000	GARDENERS	58.0000	(3)
A2	17.	SOD CUTTER	43.0000	(6)
A9	16.000	GARDENERS	43.0000	(6)
A2	18.	CONCRETE SAW	23.5000	(3)
A9	10.000	CARPENTERS	2.5000	(1)
A9	11.000	CEMENT FINISHERS	21.0000	(2)
A2	19.	FORK LIFT	23.0000	(1)
A9	22.000	TRUCK DRIVERS	23.0000	(1)
A2	20.	MIXERS	50.0000	(7)
A9	10.000	CARPENTERS	16.0000	(2)
A9	11.000	CEMENT FINISHERS	5.0000	(1)
A9	13.000	DRYWALL INSTALLERS	18.0000	(2)
A9	16.000	GARDENERS	11.0000	(2)

Criterion variable A4

Variable	Code	Value label	Sum	N
A2	21.	BLOWERS	45.9000	13)
A9	16.000	GARDENERS	23.4000	10)
A9	19.000	PLUMBERS	19.5000	2)
A9	22.000	TRUCK DRIVERS	3.0000	1)
A2	22.	SCOOTERS	131.0000	9)
A9	16.000	GARDENERS	131.0000	9)
A2	23.	TROWELING MACHINES	35.0000	7)
A9	10.000	CARPENTERS	5.0000	1)
A9	11.000	CEMENT FINISHERS	30.0000	6)
A2	24.	COMPACTOR	4.0000	2)
A9	11.000	CEMENT FINISHERS	2.0000	1)
A9	16.000	GARDENERS	2.0000	1)
A2	25.	SPREADER	94.2500	17)
A9	10.000	CARPENTERS	5.0000	1)
A9	13.000	DRYWALL INSTALLERS	10.0000	1)
A9	16.000	GARDENERS	55.2500	12)
A9	18.000	PAINTERS	24.0000	3)
A2	26.	BRUSH CHIPPER	68.5000	3)
A9	16.000	GARDENERS	68.5000	3)
A2	27.	HIGH PRESS.MACH.	24.0000	2)
A9	8.000	AUTO MECHANICS	14.0000	1)
A9	17.000	HEAVY EQUIPMENT OPR.	10.0000	1)
A2	28.	PAINT STRIPER	10.5000	3)
A9	16.000	GARDENERS	10.5000	3)
A2	29.	EARLY WARNER	5.0000	1)
A9	19.000	PLUMBERS	5.0000	1)
A2	30.	JUMPING JACK	5.0000	1)
A9	17.000	HEAVY EQUIPMENT OPR.	5.0000	1)
A2	31.	FLAT WACKER	9.0000	2)
A9	16.000	GARDENERS	1.0000	1)
A9	17.000	HEAVY EQUIPMENT OPR.	8.0000	1)
A2	32.	SNAKE	1.5000	1)
A9	19.000	PLUMBERS	1.5000	1)
A2	33.	ROLLER	5.0000	1)
A9	16.000	GARDENERS	5.0000	1)
A2	34.	VIBER-PLATE	5.0000	1)
A9	16.000	GARDENERS	5.0000	1)

Selection variable A4

Variable	Code	Value label	Sum	N
A2	35.	GAS PODDER	3.0000	(1)
A9	16.000	GARDENERS	3.0000	(1)
A2	36.	WALKER	9.0000	(1)
A9	10.000	CARPENTERS	9.0000	(1)
A2	37.	WASH TRAILER	2.0000	(1)
A9	14.000	ELECTRICIANS	2.0000	(1)
A2	38.	ASPHALT RECLAIMER	7.5000	(1)
A9	11.000	CEMENT FINISHERS	7.5000	(1)

Total cases = 916
Missing cases = 151 or 16.5%

File INTRO (Creation date = 28-Oct-82) CA UTILITY EQUIP: SEPT. 82

DESCRIPTION OF SUBPOPULATIONS

Criterion variable USE HOURS USED PER YEAR
broken down by A2 EQUIPMENT TYPE
by A9 OCCUPATION OF PRINCIPAL USER

Variable	Code	Value label	Sum	Mean	Std dev	Variance	N
	1.	CHAINSAWS	42627.3000	349.4041	404.2954	163454.7931	(122)
A2	7.000	ALL WORKERS	366.0000	183.0000	46.6690	2178.0000	(2)
A9	10.000	CARPENTERS	1686.0000	120.4286	117.2799	13754.5714	(14)
A9	15.000	ELEC.POWER LINE INST	12.0000	12.0000	0.0000	0.0000	(1)
A9	16.000	GARDENERS	37521.3000	436.2942	447.4681	200227.7441	(86)
A9	17.000	HEAVY EQUIPMENT OPR.	936.0000	156.0000	143.7999	20678.4000	(6)
A9	19.000	PLUMBERS	1482.0000	185.2500	168.1664	28279.9286	(8)
A9	20.000	SHEET METAL WORKERS	192.0000	192.0000	0.0000	0.0000	(1)
A9	22.000	TRUCK DRIVERS	312.0000	156.0000	118.7939	14112.0000	(2)
A9	26.000	EXCAVATING-GRADING O	24.0000	24.0000	0.0000	0.0000	(1)
A9	28.000	JANITORS	96.0000	96.0000	0.0000	0.0000	(1)
	2.	COMPRESSORS	19965.0000	293.6029	350.2354	122664.8696	(68)
A2	7.000	ALL WORKERS	1632.0000	816.0000	984.2926	968832.0000	(2)
A9	8.000	AUTO MECHANICS	900.0000	450.0000	381.8377	145800.0000	(2)
A9	9.000	AUTO BODY REPAIRMEN	1440.0000	480.0000	0.0000	0.0000	(3)
A9	10.000	CARPENTERS	3462.0000	266.3077	259.9177	67557.2308	(13)
A9	13.000	DRYWALL INSTALLERS	1188.0000	169.7143	160.1642	25652.5714	(7)
A9	16.000	GARDENERS	3435.0000	163.5714	199.4845	39794.0571	(21)
A9	17.000	HEAVY EQUIPMENT OPR.	3864.0000	351.2727	207.0889	42865.8182	(11)
A9	18.000	PAINTERS	240.0000	80.0000	13.8564	192.0000	(3)
A9	19.000	PLUMBERS	96.0000	96.0000	0.0000	0.0000	(1)
A9	22.000	TRUCK DRIVERS	3120.0000	1560.0000	509.1169	259200.0000	(2)
A9	26.000	EXCAVATING-GRADING O	516.0000	258.0000	110.3087	12168.0000	(2)
A9	28.000	JANITORS	72.0000	72.0000	0.0000	0.0000	(1)
	3.	GENERATORS	16570.2000	243.6794	329.9799	108886.7166	(68)
A2	7.000	ALL WORKERS	2300.4000	766.8000	1013.0324	1026234.7199	(3)
A9	8.000	AUTO MECHANICS	720.0000	720.0000	0.0000	0.0000	(1)
A9	10.000	CARPENTERS	2664.0000	242.1818	267.3506	71476.3636	(11)
A9	11.000	CEMENT FINISHERS	360.0000	360.0000	0.0000	0.0000	(1)
A9	13.000	DRYWALL INSTALLERS	96.0000	96.0000	0.0000	0.0000	(1)
A9	14.000	ELECTRICIANS	180.0000	60.0000	43.2666	1872.0000	(3)
A9	15.000	ELEC.POWER LINE INST	2520.0000	630.0000	540.0000	291600.0000	(4)
A9	16.000	GARDENERS	5247.0000	218.6250	215.9698	46642.9402	(24)
A9	17.000	HEAVY EQUIPMENT OPR.	1524.0000	217.7143	200.0114	40004.5714	(7)
A9	18.000	PAINTERS	168.0000	84.0000	16.9706	288.0000	(2)
A9	19.000	PLUMBERS	656.6000	82.3500	148.7958	22140.1600	(8)
A9	22.000	TRUCK DRIVERS	60.0000	60.0000	0.0000	0.0000	(1)
A9	26.000	EXCAVATING-GRADING O	60.0000	60.0000	0.0000	0.0000	(1)
A9	28.000	JANITORS	12.0000	12.0000	0.0000	0.0000	(1)

Criterion variable USE

Variable	Code	Value label	Sum	Mean	Std Dev	Variance	N
A2	4.	GRINDERS	2409.0000	219.0000	236.3992	55884.6000	(11)
A9	8.000	AUTO MECHANICS	504.0000	252.0000	322.4407	103968.0000	(2)
A9	10.000	CARPENTERS	480.0000	480.0000	0.0000	0.0000	(1)
A9	11.000	CEMENT FINISHERS	162.0000	81.0000	50.9117	2592.0000	(2)
A9	16.000	GARDENERS	528.0000	132.0000	81.9756	6720.0000	(4)
A9	17.000	HEAVY EQUIPMENT OPR.	729.0000	364.5000	502.7529	252760.5000	(2)
A2	5.	PUMPS	19795.6000	299.9250	381.3420	145421.7521	(56)
A9	7.000	ALL WORKERS	45.6000	45.6000	0.0000	0.0000	(1)
A9	10.000	CARPENTERS	1896.0000	270.8571	381.3570	145433.1429	(7)
A9	11.000	CEMENT FINISHERS	1440.0000	480.0000	480.0000	230400.0000	(3)
A9	13.000	DRYWALL INSTALLERS	1848.0000	1848.0000	0.0000	0.0000	(1)
A9	15.000	ELEC.POWER LINE INST	79.2000	39.6000	0.0000	0.0000	(2)
A9	16.000	GARDENERS	6279.0000	273.0000	348.0317	121126.0909	(23)
A9	17.000	HEAVY EQUIPMENT OPR.	2304.0000	329.1429	200.1928	40073.1429	(7)
A9	18.000	PAINTERS	192.0000	192.0000	0.0000	0.0000	(1)
A9	19.000	PLUMBERS	2654.0000	266.4000	325.0009	105625.6000	(10)
A9	25.000	EXCAVATING-GRADING O	48.0000	48.0000	0.0000	0.0000	(1)
A2	6.	REFRIDGERATION UNITS	4416.0000	1472.0000	1869.1260	3493632.0000	(3)
A9	16.000	GARDENERS	3696.0000	1848.0000	2477.7022	6139008.0000	(2)
A9	22.000	TRUCK DRIVERS	720.0000	720.0000	0.0000	0.0000	(1)
A2	7.	WELDING MACHINES	13125.0000	312.5000	341.0937	116344.9390	(42)
A9	8.000	AUTO MECPANICS	1368.0000	273.6000	517.9081	268228.8000	(5)
A9	10.000	CARPENTERS	174.0000	87.0000	80.6102	6498.0000	(2)
A9	16.000	GARDENERS	3240.0000	324.0000	331.3970	109824.0000	(10)
A9	17.000	HEAVY EQUIPMENT OPR.	552.0000	276.0000	356.3618	127008.0000	(2)
A9	19.000	PLUMBERS	2661.0000	665.2500	617.3607	381134.2500	(4)
A9	20.000	SHEET METAL WORKERS	540.0000	180.0000	0.0000	0.0000	(3)
A9	22.000	TRUCK DRIVERS	720.0000	720.0000	0.0000	0.0000	(1)
A9	23.000	WELDERS	3726.0000	266.1429	204.5099	41824.2857	(14)
A9	28.000	JANITORS	144.0000	144.0000	0.0000	0.0000	(1)
A2	8.	WB-LAWNMOWER-2CYC	30636.6000	578.0491	555.9348	309063.4814	(53)
A9	13.000	DRYWALL INSTALLERS	12.0000	12.0000	0.0000	0.0000	(1)
A9	16.000	GARDENERS	29193.6000	621.1404	552.6140	305382.2746	(47)
A9	17.000	HEAVY EQUIPMENT OPR.	1260.0000	1260.0000	0.0000	0.0000	(1)
A9	18.000	PAINTERS	48.0000	48.0000	0.0000	0.0000	(1)
A9	19.000	PLUMBERS	24.0000	24.0000	0.0000	0.0000	(1)
A9	20.000	SHEET METAL WORKERS	3.0000	3.0000	0.0000	0.0000	(1)
A9	23.000	WELDERS	96.0000	96.0000	0.0000	0.0000	(1)
A2	9.	WB-LAWNMOWER-4CYC	45144.0000	618.4110	495.2871	245309.3288	(73)
A9	7.000	ALL WORKERS	900.0000	900.0000	0.0000	0.0000	(1)
A9	11.000	CEMENT FINISHERS	324.0000	324.0000	0.0000	0.0000	(1)
A9	16.000	GARDENERS	41592.0000	630.1818	502.4261	252431.9664	(66)
A9	17.000	HEAVY EQUIPMENT OPR.	1080.0000	1080.0000	0.0000	0.0000	(1)
A9	22.000	TRUCK DRIVERS	216.0000	108.0000	101.8234	10368.0000	(2)

Criterion variable USE

Variable	Code	Value label	Sum	Mean	Std Dev	Variance	N
A9	26.000	EXCAVATING-GRADING O	120.0000	120.0000	0.0000	0.0000	(1)
A9	28.000	JANITORS	912.0000	912.0000	0.0000	0.0000	(1)
A2	10.	RIDING LAWNMOWER	77508.0000	901.2558	667.9334	446134.9691	(86)
A9	7.000	ALL WORKERS	720.0000	720.0000	0.0000	0.0000	(1)
A9	13.000	DRYWALL INSTALLERS	48.0000	48.0000	0.0000	0.0000	(1)
A9	16.000	GARDENERS	68796.0000	905.2105	672.3173	452010.5684	(76)
A9	17.000	HEAVY EQUIPMENT OPR.	480.0000	480.0000	0.0000	0.0000	(1)
A9	19.000	PLUMBERS	24.0000	24.0000	0.0000	0.0000	(1)
A9	22.000	TRUCK DRIVERS	5760.0000	1440.0000	0.0000	0.0000	(4)
A9	28.000	JANITORS	1596.0000	1596.0000	0.0000	0.0000	(1)
A9	32.000		84.0000	84.0000	0.0000	0.0000	(1)
A2	11.	GARDEN TRACTOR	29172.0000	711.5122	594.1809	341267.3561	(41)
A9	7.000	ALL WORKERS	1140.0000	570.0000	42.4264	1800.0000	(2)
A9	10.000	CARPENTERS	96.0000	96.0000	0.0000	0.0000	(1)
A9	16.000	GARDENERS	26028.0000	743.6571	617.8440	381731.1731	(35)
A9	17.000	HEAVY EQUIPMENT OPR.	288.0000	288.0000	0.0000	0.0000	(1)
A9	22.000	TRUCK DRIVERS	1620.0000	810.0000	127.2792	16200.0000	(2)
A2	12.	PARKING LOT VACUUM	5734.8000	382.3200	458.8324	210527.1360	(15)
A9	16.000	GARDENERS	5724.0000	408.8571	464.0535	215345.6703	(14)
A9	28.000	JANITORS	10.8000	10.8000	0.0000	0.0000	(1)
A2	13.	TRIMMERS-EDGERS	24840.0000	552.0000	773.0280	597572.2473	(45)
A9	11.000	CEMENT FINISHERS	72.0000	72.0000	0.0000	0.0000	(1)
A9	16.000	GARDENERS	24768.0000	562.9091	776.4532	605989.3608	(44)
A2	14.	POST HOLE DIGGERS	363.0000	181.5000	252.4371	63724.5000	(2)
A9	16.000	GARDENERS	3.0000	3.0000	0.0000	0.0000	(1)
A9	17.000	HEAVY EQUIPMENT OPR.	360.0000	360.0000	0.0000	0.0000	(1)
A2	15.	TILLER	2562.0000	150.7059	246.2732	60650.4706	(17)
A9	16.000	GARDENERS	2562.0000	150.7059	246.2732	60650.4706	(17)
A2	16.	TRENCHER	2004.0000	501.0000	787.8909	620772.0000	(4)
A9	16.000	GARDENERS	2004.0000	501.0000	787.8909	620772.0000	(4)
A2	17.	SOD CUTTER	1512.0000	302.4000	197.6178	39052.8000	(5)
A9	16.000	GARDENERS	1512.0000	302.4000	197.6178	39052.8000	(5)
A2	18.	CONCRETE SAW	636.0000	212.0000	235.8644	55632.0000	(3)
A9	10.000	CARPENTERS	480.0000	480.0000	0.0000	0.0000	(1)
A9	11.000	CEMENT FINISHERS	156.0000	78.0000	59.3970	3528.0000	(2)
A2	19.	FORK LIFT	720.0000	720.0000	0.0000	0.0000	(1)
A9	22.000	TRUCK DRIVERS	720.0000	720.0000	0.0000	0.0000	(1)
A2	20.	MIXERS	5364.0000	596.0000	603.7065	364464.0000	(9)
A9	10.000	CARPENTERS	228.0000	114.0000	110.3087	12168.0000	(2)

Criterion variable USE

Variable	Code	Value label	Sum	Mean	Std Dev	Variance		N
A9	11.000	CEMENT FINISHERS	216.0000	216.0000	0.0000	0.0000	(	1)
A9	13.000	DRYWALL INSTALLERS	3816.0000	1272.0000	499.4076	249408.0000	(	3)
A9	16.000	GARDENERS	1104.0000	369.0000	366.6061	134400.0000	(	3)
A2	21.	BLOWERS	4968.0000	414.0000	410.0952	168178.9091	(	12)
A9	16.000	GARDENERS	4272.0000	474.6667	442.5020	195808.0000	(	9)
A9	19.000	PLUMBERS	156.0000	78.0000	93.3381	8712.0000	(	2)
A9	22.000	TRUCK DRIVERS	540.0000	540.0000	0.0000	0.0000	(	1)
A2	22.	SCOOTERS	4896.0000	544.0000	656.8287	431424.0000	(	9)
A9	16.000	GARDENERS	4896.0000	544.0000	656.8287	431424.0000	(	9)
A2	23.	TROWELING MACHINES	4068.0000	508.5000	382.6012	146383.7143	(	8)
A9	11.000	CEMENT FINISHERS	4068.0000	508.5000	382.6012	146383.7143	(	8)
A2	24.	COMPACTOR	432.0000	144.0000	83.1394	6912.0000	(	3)
A9	11.000	CEMENT FINISHERS	240.0000	120.0000	101.8234	10368.0000	(	2)
A9	16.000	GARDENERS	192.0000	192.0000	0.0000	0.0000	(	1)
A2	25.	SPREADER	5448.0000	320.4706	304.2528	92569.7647	(	17)
A9	13.000	DRYWALL INSTALLERS	480.0000	480.0000	0.0000	0.0000	(	1)
A9	16.000	GARDENERS	3888.0000	324.0000	326.3952	106533.8182	(	12)
A9	18.000	PAINTERS	1080.0000	270.0000	301.9139	91152.0000	(	4)
A2	26.	BRUSH CHIPPER	1500.0000	500.0000	408.4116	166800.0000	(	3)
A9	16.000	GARDENERS	1500.0000	500.0000	408.4116	166800.0000	(	3)
A2	27.	HIGH PRESS.MACH.	768.0000	384.0000	135.7645	18432.0000	(	2)
A9	8.000	AUTO MECHANICS	480.0000	480.0000	0.0000	0.0000	(	1)
A9	17.000	HEAVY EQUIPMENT OPR.	288.0000	288.0000	0.0000	0.0000	(	1)
A2	28.	PAINT STRIPER	672.0000	224.0000	221.7025	49152.0000	(	3)
A9	16.000	GARDENERS	672.0000	224.0000	221.7025	49152.0000	(	3)
A2	29.	EARLY WARNER	1680.0000	840.0000	169.7056	28800.0000	(	2)
A9	16.000	GARDENERS	960.0000	960.0000	0.0000	0.0000	(	1)
A9	19.000	PLUMBERS	720.0000	720.0000	0.0000	0.0000	(	1)
A2	30.	JUMPING JACK	432.0000	432.0000	0.0000	0.0000	(	1)
A9	17.000	HEAVY EQUIPMENT OPR.	432.0000	432.0000	0.0000	0.0000	(	1)
A2	31.	FLAT WACKER	648.0000	216.0000	200.4395	40176.0000	(	3)
A9	16.000	GARDENERS	216.0000	108.0000	101.8234	10368.0000	(	2)
A9	17.000	HEAVY EQUIPMENT OPR.	432.0000	432.0000	0.0000	0.0000	(	1)
A2	32.	SNAKE	12.0000	12.0000	0.0000	0.0000	(	1)
A9	19.000	PLUMBERS	12.0000	12.0000	0.0000	0.0000	(	1)
A2	33.	ROLLER	96.0000	96.0000	0.0000	0.0000	(	1)
A9	16.000	GARDENERS	96.0000	96.0000	0.0000	0.0000	(	1)

143

Criterion variable USE

Variable	Code	Value label	Sum	Mean	Std Dev	Variance	N
A2	34.	VIBER-PLATE	24.0000	24.0000	0.0000	0.0000	(1)
A9	16.000	GARDENERS	24.0000	24.0000	0.0000	0.0000	(1)
A2	35.	GAS PODDER	12.0000	12.0000	0.0000	0.0000	(1)
A9	16.000	GARDENERS	12.0000	12.0000	0.0000	0.0000	(1)
A2	36.	WALKER	360.0000	360.0000	0.0000	0.0000	(1)
A9	10.000	CARPENTERS	360.0000	360.0000	0.0000	0.0000	(1)
A2	37.	WASH TRAILER	96.0000	96.0000	0.0000	0.0000	(1)
A9	14.000	ELECTRICIANS	96.0000	96.0000	0.0000	0.0000	(1)
A2	38.	ASPHALT RECLAIMER	216.0000	216.0000	0.0000	0.0000	(1)
A9	11.000	CEMENT FINISHERS	216.0000	216.0000	0.0000	0.0000	(1)

Total cases = 916
Missing cases = 122 or 13.3%

411

File INTWO (Creation date = 28-Oct-82) CA UTILITY EQUIP: SEPT. 82

DESCRIPTION OF SUBPOPULATIONS

Criterion variable A7 FUEL USED PER YEAR(GALLONS)
broken down by A2 EQUIPMENT TYPE
by A9 OCCUPATION OF PRINCIPAL USER

Variable	Code	Value label	Sum	Mean	Std dev	Variance	N
A2	1.	CHAINSAWS	5980.8000	62.9558	119.3140	14235.8419	(95)
A9	7.000	ALL WORKERS	66.0000	33.0000	4.2426	18.0000	(2)
A9	10.000	CARPENTERS	330.0000	30.0000	36.0749	1301.4000	(11)
A9	16.000	GARDENERS	4655.4000	69.4836	135.4571	18348.5135	(67)
A9	17.000	HEAVY EQUIPMENT OPR.	324.0000	54.0000	91.3105	8337.6000	(6)
A9	19.000	PLUMBERS	279.0000	69.7500	72.6378	5276.2500	(4)
A9	20.000	SHEET METAL WORKERS	24.0000	24.0000	0.0000	0.0000	(1)
A9	22.000	TRUCK DRIVERS	252.0000	126.0000	161.2203	25992.0000	(2)
A9	26.000	EXCAVATING-GRADING O	2.4000	2.4000	0.0000	0.0000	(1)
A9	28.000	JANITORS	48.0000	48.0000	0.0000	0.0000	(1)
A2	2.	COMPRESSORS	4572.0000	99.3913	95.1265	9049.0435	(46)
A9	7.000	ALL WORKERS	168.0000	168.0000	0.0000	0.0000	(1)
A9	8.000	AUTO MECHANICS	324.0000	162.0000	195.1615	38088.0000	(2)
A9	9.000	AUTO BODY REPAIRMEN	540.0000	180.0000	0.0000	0.0000	(3)
A9	10.000	CARPENTERS	1086.0000	135.7500	124.2506	15438.2143	(8)
A9	13.000	DRYWALL INSTALLERS	288.0000	41.1429	35.5686	1265.1429	(7)
A9	16.000	GARDENERS	642.0000	64.2000	93.5543	8752.4000	(10)
A9	17.000	HEAVY EQUIPMENT OPR.	1032.0000	129.0000	93.9970	8835.4286	(8)
A9	18.000	PAINTERS	264.0000	88.0000	81.6823	6672.0000	(3)
A9	22.000	TRUCK DRIVERS	120.0000	120.0000	0.0000	0.0000	(1)
A9	26.000	EXCAVATING-GRADING O	84.0000	42.0000	25.4558	648.0000	(2)
A9	28.000	JANITORS	24.0000	24.0000	0.0000	0.0000	(1)
A2	3.	GENERATORS	4000.2000	81.6367	176.6002	31187.6161	(49)
A9	7.000	ALL WORKERS	1224.0000	612.0000	831.5576	691488.0000	(2)
A9	8.000	AUTO MECHANICS	36.0000	36.0000	0.0000	0.0000	(1)
A9	10.000	CARPENTERS	972.0000	138.8571	95.2110	9065.1429	(7)
A9	11.000	CEMENT FINISHERS	36.0000	36.0000	0.0000	0.0000	(1)
A9	13.000	DRYWALL INSTALLERS	18.0000	18.0000	0.0000	0.0000	(1)
A9	14.000	ELECTRICIANS	27.0000	9.0000	5.1962	27.0000	(3)
A9	16.000	GARDENERS	888.0000	49.3333	59.5236	3543.0588	(18)
A9	17.000	HEAVY EQUIPMENT OPR.	282.0000	56.4000	42.3415	1792.8000	(5)
A9	18.000	PAINTERS	192.0000	96.0000	33.9411	1152.0000	(2)
A9	19.000	PLUMBERS	120.0000	17.1429	20.0286	401.1429	(7)
A9	22.000	TRUCK DRIVERS	198.0000	198.0000	0.0000	0.0000	(1)
A9	26.000	EXCAVATING-GRADING O	7.2000	7.2000	0.0000	0.0000	(1)
A2	4.	GRINDERS	960.0000	160.0000	274.8672	75552.0000	(6)
A9	11.000	CEMENT FINISHERS	96.0000	48.0000	33.9411	1152.0000	(2)
A9	16.000	GARDENERS	144.0000	48.0000	12.0000	144.0000	(3)

Criterion variable A7

Variable	Code	Value label	Sum	Mean	Std Dev	Variance	
A9	17.000	HEAVY EQUIPMENT OPR.	720.0000	720.0000	0.0000	0.0000	(
A2	5.	PUMPS	7630.2000	183.1000	322.9779	104314.7224	(
A9	7.000	ALL WORKERS	43.2000	43.2000	0.0000	0.0000	(
A9	10.000	CARPENTERS	492.0000	164.0000	178.1236	31728.0000	(
A9	11.000	CEMENT FINISHERS	192.0000	64.0000	55.4256	3072.0000	(
A9	16.000	GARDENERS	456.0000	28.5000	21.6333	468.0000	(
A9	17.000	HEAVY EQUIPMENT OPR.	3744.0000	624.0000	411.5143	169344.0000	(
A9	19.000	PLUMBERS	2748.0000	229.0000	391.7360	153457.0909	(
A9	26.000	EXCAVATING-GRADING O	15.0000	15.0000	0.0000	0.0000	(
A2	6.	REFRIGERATION UNITS	1440.0000	1440.0000	0.0000	0.0000	(
A9	22.000	TRUCK DRIVERS	1440.0000	1440.0000	0.0000	0.0000	(
A2	7.	WELDING MACHINES	3054.0000	127.2500	124.6446	15536.2826	(
A9	8.000	AUTO MECHANICS	120.0000	40.0000	24.9800	624.0000	(
A9	10.000	CARPENTERS	144.0000	144.0000	0.0000	0.0000	(
A9	16.000	GARDENERS	876.0000	125.1429	134.4959	18089.1429	(
A9	17.000	HEAVY EQUIPMENT OPR.	6.0000	6.0000	0.0000	0.0000	(
A9	19.000	PLUMBERS	912.0000	228.0000	167.1407	27936.0000	(
A9	23.000	WELDERS	996.0000	124.5000	110.3436	12175.7143	(
A2	8.	WB-LAWNMOWER-2CYC	6277.4400	145.9870	193.1846	37320.2759	(
A9	13.000	DRYWALL INSTALLERS	6.0000	6.0000	0.0000	0.0000	(
A9	16.000	GARDENERS	5971.4400	161.3903	202.6406	41063.2155	(
A9	17.000	HEAVY EQUIPMENT OPR.	180.0000	180.0000	0.0000	0.0000	(
A9	18.000	PAINTERS	12.0000	12.0000	0.0000	0.0000	(
A9	20.000	SHEET METAL WORKERS	6.0000	6.0000	0.0000	0.0000	(
A9	22.000	TRUCK DRIVERS	96.0000	96.0000	0.0000	0.0000	(
A9	23.000	WELDERS	6.0000	6.0000	0.0000	0.0000	(
A2	9.	WB-LAWNMOWER-4CYC	7494.6000	144.1269	163.6732	26788.9318	(
A9	7.000	ALL WORKERS	240.0000	240.0000	0.0000	0.0000	(
A9	11.000	CEMENT FINISHERS	60.0000	60.0000	0.0000	0.0000	(
A9	16.000	GARDENERS	6933.6000	147.5234	166.3945	28356.6932	(
A9	17.000	HEAVY EQUIPMENT OPR.	240.0000	240.0000	0.0000	0.0000	(
A9	22.000	TRUCK DRIVERS	3.0000	3.0000	0.0000	0.0000	(
A9	26.000	EXCAVATING-GRADING O	18.0000	18.0000	0.0000	0.0000	(
A2	10.	RIDING LAWNMOWER	26304.0000	392.5970	418.9392	175510.0624	(
A9	7.000	ALL WORKERS	372.0000	372.0000	0.0000	0.0000	(
A9	13.000	DRYWALL INSTALLERS	24.0000	24.0000	0.0000	0.0000	(
A9	16.000	GARDENERS	25032.0000	424.2712	433.1881	187651.9252	(
A9	17.000	HEAVY EQUIPMENT OPR.	480.0000	480.0000	0.0000	0.0000	(
A9	22.000	TRUCK DRIVERS	384.0000	96.0000	0.0000	0.0000	(
A9	32.000		12.0000	12.0000	0.0000	0.0000	(
A2	11.	GARDEN TRACTOR	19875.6000	502.2909	785.6827	617297.3427	(
A9	7.000	ALL WORKERS	300.0000	300.0000	0.0000	0.0000	(
A9	16.000	GARDENERS	17556.6000	619.1586	822.5362	676565.8439	(

Criterion variable A7

Variable	Code	Value label	Sum	Mean	Std Dev	Variance	N
A9	17.000	HEAVY EQUIPMENT OPR.	60.0000	60.0000	0.0000	0.0000	(1)
A9	22.000	TRUCK DRIVERS	1560.0000	780.0000	593.9697	352800.0000	(2)
A7	12.	PARKING LOT VACUUM	3375.0000	241.0714	412.7902	170395.7637	(14)
A9	16.000	GARDENERS	3372.0000	259.3846	423.6849	179509.9231	(13)
A9	28.000	JANITORS	3.0000	3.0000	0.0000	0.0000	(1)
A2	13.	TRIMMERS-EDGERS	2128.2000	64.4909	56.3270	3172.7277	(33)
A9	11.000	CEMENT FINISHERS	24.0000	24.0000	0.0000	0.0000	(1)
A9	16.000	GARDENERS	2104.2000	65.7563	56.7497	3220.5336	(32)
A2	14.	POST HOLE DIGGERS	114.0000	57.0000	72.1249	5202.0000	(2)
A9	16.000	GARDENERS	6.0000	6.0000	0.0000	0.0000	(1)
A9	17.000	HEAVY EQUIPMENT OPR.	108.0000	108.0000	0.0000	0.0000	(1)
A2	15.	TILLER	1723.8000	132.6000	168.8425	28507.8003	(13)
A9	16.000	GARDENERS	1723.8000	132.6000	168.8425	28507.8003	(13)
A2	16.	TRENCHER	3444.0000	861.0000	1433.9331	2056164.0000	(4)
A9	16.000	GARDENERS	3444.0000	861.0000	1433.9331	2056164.0000	(4)
A2	17.	SOD CUTTER	432.0000	72.0000	41.5692	1728.0000	(6)
A9	16.000	GARDENERS	432.0000	72.0000	41.5692	1728.0000	(6)
A2	18.	CONCRETE SAW	216.0000	72.0000	93.7230	8784.0000	(3)
A9	10.000	CARPENTERS	180.0000	180.0000	0.0000	0.0000	(1)
A9	11.000	CEMENT FINISHERS	36.0000	18.0000	8.4853	72.0000	(2)
A2	19.	FORK LIFT	240.0000	240.0000	0.0000	0.0000	(1)
A9	22.000	TRUCK DRIVERS	240.0000	240.0000	0.0000	0.0000	(1)
A2	20.	MIXERS	480.0000	80.0000	60.0799	3609.6000	(6)
A9	10.000	CARPENTERS	48.0000	48.0000	0.0000	0.0000	(1)
A9	11.000	CEMENT FINISHERS	60.0000	60.0000	0.0000	0.0000	(1)
A9	13.000	DRYWALL INSTALLERS	300.0000	150.0000	42.4264	1800.0000	(2)
A9	16.000	GARDENERS	72.0000	36.0000	33.9411	1152.0000	(2)
A2	21.	BLOWERS	558.0000	55.8000	71.1646	5064.4000	(10)
A9	16.000	GARDENERS	456.0000	57.0000	76.9712	5924.5714	(8)
A9	19.000	PLUMBERS	102.0000	51.0000	63.6396	4050.0000	(2)
A2	22.	SCOOTERS	5460.0000	606.6667	1050.1905	1102900.0000	(9)
A9	16.000	GARDENERS	5460.0000	606.6667	1050.1905	1102900.0000	(9)
A2	23.	TROWELING MACHINES	480.0000	60.0000	29.3939	864.0000	(8)
A9	11.000	CEMENT FINISHERS	480.0000	60.0000	29.3939	864.0000	(8)
A2	24.	COMPACTOR	108.0000	54.0000	8.4853	72.0000	(2)
A9	11.000	CEMENT FINISHERS	108.0000	54.0000	8.4853	72.0000	(2)
A2	25.	SPREADER	692.4000	43.2750	32.3050	1043.6100	(16)
A9	13.000	DRYWALL INSTALLERS	60.0000	60.0000	0.0000	0.0000	(1)

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Criterion variable A7

Variable	Code	Value label	Sum	Mean	Std Dev	Variance		N
A9	16.000	GARDENERS	402.0000	36.5455	26.4891	701.6727	(	11)
A9	19.000	PAINTERS	230.4000	57.6000	48.4380	2346.2400	(	4)
A2	26.	BRUSH CHIPPER	1416.0000	472.0000	634.5644	402672.0000	(	3)
A9	16.000	GARDENERS	1416.0000	472.0000	634.5644	402672.0000	(	3)
A2	27.	HIGH PRESS.MACH.	816.0000	408.0000	526.0874	276768.0000	(	2)
A9	8.000	AUTO MECHANICS	36.0000	36.0000	0.0000	0.0000	(	1)
A9	17.000	HEAVY EQUIPMENT OPR.	780.0000	780.0000	0.0000	0.0000	(	1)
A2	28.	PAINT STRIPER	60.0000	60.0000	0.0000	0.0000	(	1)
A9	16.000	GARDENERS	60.0000	60.0000	0.0000	0.0000	(	1)
A2	29.	EARLY WARNER	120.0000	120.0000	0.0000	0.0000	(	1)
A9	19.000	PLUMBERS	120.0000	120.0000	0.0000	0.0000	(	1)
A2	30.	JUMPING JACK	36.0000	36.0000	0.0000	0.0000	(	1)
A9	17.000	HEAVY EQUIPMENT OPR.	36.0000	36.0000	0.0000	0.0000	(	1)
A2	31.	FLAT WACKER	120.0000	40.0000	24.9800	624.0000	(	3)
A9	16.000	GARDENERS	72.0000	36.0000	33.9411	1152.0000	(	2)
A9	17.000	HEAVY EQUIPMENT OPR.	48.0000	48.0000	0.0000	0.0000	(	1)
A2	32.	SNAKE	12.0000	12.0000	0.0000	0.0000	(	1)
A9	19.000	PLUMBERS	12.0000	12.0000	0.0000	0.0000	(	1)
A2	34.	VIBER-PLATE	6.0000	6.0000	0.0000	0.0000	(	1)
A9	16.000	GARDENERS	6.0000	6.0000	0.0000	0.0000	(	1)
A2	35.	GAS RODDER	3.0000	3.0000	0.0000	0.0000	(	1)
A9	16.000	GARDENERS	3.0000	3.0000	0.0000	0.0000	(	1)
A2	37.	WASH TRAILER	3.0000	3.0000	0.0000	0.0000	(	1)
A9	14.000	ELECTRICIANS	3.0000	3.0000	0.0000	0.0000	(	1)
A2	38.	ASPHALT RECLAIMER	60.0000	60.0000	0.0000	0.0000	(	1)
A9	11.000	CEMENT FINISHERS	60.0000	60.0000	0.0000	0.0000	(	1)

Total cases = 916
Missing cases = 315 or 34.4%

File INTRO (Creation date = 28-Oct-82) CA UTILITY EQUIP: SEPT. 82

DESCRIPTION OF SUBPOPULATIONS

Criterion variable A8 AGE OF ENGINE<YEARS>
broken down by A2 EQUIPMENT TYPE
by A9 OCCUPATION OF PRINCIPAL USER

Variable	Code	Value label	Sum	Mean	Std dev	Variance	N
A2	1.	CHAINSAWS	406.9000	3.3031	3.3314	11.0984	(123)
A9	7.000	ALL WORKERS	2.4000	1.2000	0.2828	0.0800	(2)
A9	10.000	CARPENTERS	44.5000	2.9667	3.0028	9.0167	(15)
A9	15.000	ELEC.POWER LINE INST	4.0000	4.0000	0.0000	0.0000	(1)
A9	16.000	GARDENERS	272.0000	3.2000	3.1660	10.0235	(85)
A9	17.000	HEAVY EQUIPMENT OPR.	22.5000	3.2143	2.6435	6.9681	(7)
A9	19.000	PLUMBERS	49.0000	6.1250	6.0813	36.9821	(8)
A9	20.000	SHEET METAL WORKERS	2.0000	2.0000	0.0000	0.0000	(1)
A9	22.000	TRUCK DRIVERS	5.5000	2.7500	1.0607	1.1250	(2)
A9	26.000	EXCAVATING-GRADING O	4.0000	4.0000	0.0000	0.0000	(1)
A9	28.000	JANITORS	1.0000	1.0000	0.0000	0.0000	(1)
A2	2.	COMPRESSORS	376.0000	6.1639	5.7051	32.5477	(61)
A9	7.000	ALL WORKERS	1.0000	1.0000	0.0000	0.0000	(1)
A9	8.000	AUTO MECHANICS	16.0000	8.0000	2.8284	8.0000	(2)
A9	9.000	AUTO BODY REPAIRMEN	16.0000	5.3333	4.1633	17.3333	(3)
A9	10.000	CARPENTERS	47.0000	4.2727	3.1013	9.6182	(11)
A9	13.000	DRYWALL INSTALLERS	30.0000	4.2857	2.0587	4.2381	(7)
A9	16.000	GARDENERS	124.5000	6.9167	7.5080	62.5368	(18)
A9	17.000	HEAVY EQUIPMENT OPR.	93.5000	8.5000	5.2868	27.9500	(11)
A9	18.000	PAINTERS	27.0000	9.0000	9.8489	97.0000	(3)
A9	22.000	TRUCK DRIVERS	6.0000	3.0000	2.8284	8.0000	(2)
A9	26.000	EXCAVATING-GRADING O	14.0000	7.0000	1.4142	2.0000	(2)
A9	28.000	JANITORS	1.0000	1.0000	0.0000	0.0000	(1)
A2	3.	GENERATORS	393.3000	5.7000	4.5301	20.5214	(69)
A9	7.000	ALL WORKERS	11.3000	5.6500	3.7477	14.0450	(2)
A9	8.000	AUTO MECHANICS	0.0000	0.0000	0.0000	0.0000	(1)
A9	10.000	CARPENTERS	51.5000	4.2917	3.1799	10.1117	(12)
A9	11.000	CEMENT FINISHERS	3.0000	3.0000	0.0000	0.0000	(1)
A9	13.000	DRYWALL INSTALLERS	3.0000	3.0000	0.0000	0.0000	(1)
A9	14.000	ELECTRICIANS	24.0000	8.0000	6.0828	37.0000	(3)
A9	15.000	ELEC.POWER LINE INST	12.2500	3.0625	2.6487	7.0156	(4)
A9	16.000	GARDENERS	142.7500	5.7100	4.8421	23.4463	(25)
A9	17.000	HEAVY EQUIPMENT OPR.	51.5000	7.3571	3.6823	13.5595	(7)
A9	18.000	PAINTERS	14.0000	7.0000	4.2426	18.0000	(2)
A9	19.000	PLUMBERS	62.0000	7.7500	6.3246	40.0000	(8)
A9	22.000	TRUCK DRIVERS	12.0000	12.0000	0.0000	0.0000	(1)
A9	26.000	EXCAVATING-GRADING O	5.0000	5.0000	0.0000	0.0000	(1)
A9	28.000	JANITORS	1.0000	1.0000	0.0000	0.0000	(1)
A2	4.	GRINDERS	53.0000	5.3000	4.7621	22.6778	(10)
A9	8.000	AUTO MECHANICS	6.0000	3.0000	0.0000	0.0000	(2)

Criterion variable A8

Variable	Code	Value label	Sum	Mean	Std Dev	Variance	N
A9	10.000	CARPENTERS	2.0000	2.0000	0.0000	0.0000	(1)
A9	11.000	CEMENT FINISHERS	12.0000	6.0000	2.8284	8.0000	(2)
A9	16.000	GARDENERS	17.0000	4.2500	4.2720	18.2500	(4)
A9	17.000	HEAVY EQUIPMENT OPR.	16.0000	16.0000	0.0000	0.0000	(1)
A2	5.	PUMPS	407.2500	6.7875	6.1263	37.5314	(60)
A9	7.000	ALL WORKERS	13.0000	13.0000	0.0000	0.0000	(1)
A9	10.000	CARPENTERS	63.0000	7.9750	7.5467	56.9821	(8)
A9	11.000	CEMENT FINISHERS	17.0000	5.6667	2.3094	5.3333	(3)
A9	13.000	DRYWALL INSTALLERS	3.0000	3.0000	0.0000	0.0000	(1)
A9	15.000	ELEC.POWER LINE INST	7.0000	3.5000	2.1213	4.5000	(2)
A9	16.000	GARDENERS	106.7500	4.9432	6.1981	38.4163	(22)
A9	17.000	HEAVY EQUIPMENT OPR.	67.0000	9.5714	5.0943	25.9524	(7)
A9	18.000	PAINTERS	5.0000	5.0000	0.0000	0.0000	(1)
A9	19.000	PLUMBERS	106.5000	8.1923	6.9628	48.4808	(13)
A9	25.000	FORESTERS	7.0000	7.0000	0.0000	0.0000	(1)
A9	26.000	EXCAVATING-GRADING O	10.0000	10.0000	0.0000	0.0000	(1)
A2	6.	REFRIDGERATION UNITS	14.0000	7.0000	0.0000	0.0000	(2)
A9	16.000	GARDENERS	7.0000	7.0000	0.0000	0.0000	(1)
A9	22.000	TRUCK DRIVERS	7.0000	7.0000	0.0000	0.0000	(1)
A2	7.	WELDING MACHINES	237.8300	5.9457	7.6238	58.1226	(40)
A9	8.000	AUTO MECHANICS	69.0000	11.5000	14.3771	206.7000	(6)
A9	10.000	CARPENTERS	11.5000	5.7500	6.0104	36.1250	(2)
A9	16.000	GARDENERS	41.3300	4.5922	2.9435	8.6640	(9)
A9	17.000	HEAVY EQUIPMENT OPR.	11.0000	5.5000	6.3640	40.5000	(2)
A9	19.000	PLUMBERS	15.0000	3.7500	3.5000	12.2500	(4)
A9	20.000	SHEET METAL WORKERS	10.5000	3.5000	2.7839	7.7500	(3)
A9	23.000	WELDERS	78.5000	6.0385	8.0168	64.2692	(13)
A9	29.000	JANITORS	1.0000	1.0000	0.0000	0.0000	(1)
A2	8.	WB-LAWNMOWER-2CYC	208.0000	3.8519	2.7380	7.4965	(54)
A9	13.000	DRYWALL INSTALLERS	2.0000	2.0000	0.0000	0.0000	(1)
A9	16.000	GARDENERS	173.0000	3.6809	2.6975	7.2764	(47)
A9	17.000	HEAVY EQUIPMENT OPR.	3.0000	3.0000	0.0000	0.0000	(1)
A9	18.000	PAINTERS	3.0000	3.0000	0.0000	0.0000	(1)
A9	19.000	PLUMBERS	8.0000	8.0000	0.0000	0.0000	(1)
A9	20.000	SHEET METAL WORKERS	10.0000	10.0000	0.0000	0.0000	(1)
A9	22.000	TRUCK DRIVERS	5.0000	5.0000	0.0000	0.0000	(1)
A9	23.000	WELDERS	4.0000	4.0000	0.0000	0.0000	(1)
A2	9.	WB-LAWNMOWER-4CYC	256.0000	3.5556	2.5846	6.6800	(72)
A9	7.000	ALL WORKERS	3.0000	3.0000	0.0000	0.0000	(1)
A9	11.000	CEMENT FINISHERS	2.0000	2.0000	0.0000	0.0000	(1)
A9	16.000	GARDENERS	232.0000	3.5692	2.6939	7.2569	(65)
A9	17.000	HEAVY EQUIPMENT OPR.	5.0000	5.0000	0.0000	0.0000	(1)
A9	22.000	TRUCK DRIVERS	8.0000	4.0000	1.4142	2.0000	(2)
A9	26.000	EXCAVATING-GRADING O	4.0000	4.0000	0.0000	0.0000	(1)
A9	28.000	JANITORS	2.0000	2.0000	0.0000	0.0000	(1)

Criterion variable A8

Variable	Code	Value label	Sum	Mean	Std Dev	Variance	N
A2	10.	RIDING LAWNMOWER	343.7500	4.0441	2.5004	6.2518	(85)
A9	7.000	ALL WORKERS	7.0000	7.0000	0.0000	0.0000	(1)
A9	13.000	DRY-ALL INSTALLERS	2.0000	2.0000	0.0000	0.0000	(1)
A9	16.000	GARDENERS	297.6000	3.9680	2.3707	5.6200	(75)
A9	17.000	HEAVY EQUIPMENT OPR.	5.0000	5.0000	0.0000	0.0000	(1)
A9	19.000	PLUMBERS	3.0000	3.0000	0.0000	0.0000	(1)
A9	22.000	TRUCK DRIVERS	16.7500	4.1875	4.3655	19.0573	(4)
A9	23.000	JANITORS	3.0000	3.0000	0.0000	0.0000	(1)
A9	32.000		10.0000	10.0000	0.0000	0.0000	(1)
A2	11.	GARDEN TRACTOR	220.0000	5.3659	3.4821	12.1253	(41)
A9	7.000	ALL WORKERS	6.5000	3.2500	2.4749	6.1250	(2)
A9	10.000	CARPENTERS	2.0000	2.0000	0.0000	0.0000	(1)
A9	16.000	GARDENERS	192.5000	5.5000	3.5251	12.4265	(35)
A9	17.000	HEAVY EQUIPMENT OPR.	2.0000	2.0000	0.0000	0.0000	(1)
A9	22.000	TRUCK DRIVERS	17.0000	8.5000	2.1213	4.5000	(2)
A2	12.	PARKING LOT VACUUM	55.5000	3.9643	3.8052	14.4794	(14)
A9	16.000	GARDENERS	55.5000	4.2692	3.7783	14.2756	(13)
A9	28.000	JANITORS	0.0000	0.0000	0.0000	0.0000	(1)
A2	13.	TRIMMERS-EDGERS	117.6000	2.7349	1.6863	2.8438	(43)
A9	11.000	CEMENT FINISHERS	7.0000	7.0000	0.0000	0.0000	(1)
A9	16.000	GARDENERS	110.6000	2.6333	1.5681	2.4589	(42)
A2	14.	POST HOLE DIGGERS	30.0000	10.0000	5.0000	25.0000	(3)
A9	10.000	CARPENTERS	5.0000	5.0000	0.0000	0.0000	(1)
A9	16.000	GARDENERS	10.0000	10.0000	0.0000	0.0000	(1)
A9	17.000	HEAVY EQUIPMENT OPR.	15.0000	15.0000	0.0000	0.0000	(1)
A2	15.	TILLER	45.0000	3.0000	1.8127	3.2857	(15)
A9	16.000	GARDENERS	45.0000	3.0000	1.8127	3.2857	(15)
A2	16.	TRENCHER	14.0000	3.5000	2.3805	5.6667	(4)
A9	16.000	GARDENERS	14.0000	3.5000	2.3805	5.6667	(4)
A2	17.	SOD CUTTER	44.5000	8.9000	6.2690	39.3000	(5)
A9	16.000	GARDENERS	44.5000	8.9000	6.2690	39.3000	(5)
A2	18.	CONCRETE SAW	21.0000	7.0000	5.1962	27.0000	(3)
A9	10.000	CARPENTERS	1.0000	1.0000	0.0000	0.0000	(1)
A9	11.000	CEMENT FINISHERS	20.0000	10.0000	0.0000	0.0000	(2)
A2	19.	FORK LIFT	10.0000	10.0000	0.0000	0.0000	(1)
A9	22.000	TRUCK DRIVERS	10.0000	10.0000	0.0000	0.0000	(1)
A2	20.	MIXERS	62.0000	7.7500	6.3640	40.5000	(8)
A9	10.000	CARPENTERS	7.0000	3.5000	0.7071	0.5000	(2)
A9	11.000	CEMENT FINISHERS	5.0000	5.0000	0.0000	0.0000	(1)

Criterion variable A8

Variable	Code	Value label	Sum	Mean	Std Dev	Variance	N
A9	13.000	DRYWALL INSTALLERS	27.0000	9.0000	9.5394	91.0000	(3)
A9	16.000	GARDENERS	23.0000	11.5000	4.9497	24.5000	(2)
A2	21.	BLOWERS					
A9	16.000	GARDENERS	51.0000	4.2917	5.6224	31.6117	(12)
A9	19.000	PLUMBERS	19.5000	2.1667	1.6771	2.8125	(9)
A9	22.000	TRUCK DRIVERS	30.0000	15.0000	7.0711	50.0000	(2)
			2.0000	2.0000	0.0000	0.0000	(1)
A2	22.	SCOOTERS					
A9	16.000	GARDENERS	50.5000	5.6111	3.7231	13.8611	(9)
			50.5000	5.6111	3.7231	13.8611	(9)
A2	23.	TROWELING MACHINES					
A9	11.000	CEMENT FINISHERS	26.0000	3.7143	1.6036	2.5714	(7)
			26.0000	3.7143	1.6036	2.5714	(7)
A2	24.	COMPACTOR					
A9	11.000	CEMENT FINISHERS	16.0000	5.3333	4.0415	16.3333	(3)
A9	16.000	GARDENERS	6.0000	3.0000	0.0000	0.0000	(2)
			10.0000	10.0000	0.0000	0.0000	(1)
A2	25.	SPREADER					
A9	13.000	DRYWALL INSTALLERS	130.5000	7.6765	6.8487	46.9044	(17)
A9	16.000	GARDENERS	2.0000	2.0000	0.0000	0.0000	(1)
A9	18.000	PAINTERS	108.5000	9.0417	7.2940	53.2027	(12)
			20.0000	5.0000	5.2281	27.3333	(4)
A2	26.	BRUSH CHIPPER					
A9	16.000	GARDENERS	15.0000	7.5000	3.5355	12.5000	(2)
			15.0000	7.5000	3.5355	12.5000	(2)
A2	27.	HIGH PRESS.MACH.					
A9	8.000	AUTO MECHANICS	12.0000	6.0000	1.4142	2.0000	(2)
A9	17.000	HEAVY EQUIPMENT OPR.	7.0000	7.0000	0.0000	0.0000	(1)
			5.0000	5.0000	0.0000	0.0000	(1)
A2	28.	PAINT STRIPER					
A9	16.000	GARDENERS	24.0000	8.0000	1.7321	3.0000	(3)
			24.0000	8.0000	1.7321	3.0000	(3)
A2	29.	EARLY WARNER					
A9	19.000	PLUMBERS	0.5000	0.5000	0.0000	0.0000	(1)
			0.5000	0.5000	0.0000	0.0000	(1)
A2	30.	JUMPING JACK					
A9	17.000	HEAVY EQUIPMENT OPR.	3.0000	3.0000	0.0000	0.0000	(1)
			3.0000	3.0000	0.0000	0.0000	(1)
A2	31.	FLAT WACKER					
A9	16.000	GARDENERS	10.0000	3.3333	1.5275	2.3333	(3)
A9	17.000	HEAVY EQUIPMENT OPR.	7.0000	3.5000	2.1213	4.5000	(2)
			3.0000	3.0000	0.0000	0.0000	(1)
A2	32.	SNAKE					
A9	19.000	PLUMBERS	4.0000	4.0000	0.0000	0.0000	(1)
			4.0000	4.0000	0.0000	0.0000	(1)
A2	33.	ROLLER					
A9	16.000	GARDENERS	7.0000	7.0000	0.0000	0.0000	(1)
			7.0000	7.0000	0.0000	0.0000	(1)
A2	34.	VIBER-PLATE					
A9	16.000	GARDENERS	5.0000	5.0000	0.0000	0.0000	(1)
			5.0000	5.0000	0.0000	0.0000	(1)

Criterion variable A8

Variable	Code	Value label	Sum	Mean	Std Dev	Variance	N
A2	35.	GAS RODDER	20.0000	20.0000	0.0000	0.0000	(1)
A9	16.000	GARDENERS	20.0000	20.0000	0.0000	0.0000	(1)
A2	37.	WASH TRAILER	7.0000	7.0000	0.0000	0.0000	(1)
A9	14.000	ELECTRICIANS	7.0000	7.0000	0.0000	0.0000	(1)
A2	38.	ASPHALT RECLAIMER	2.0000	2.0000	0.0000	0.0000	(1)
A9	11.000	CEMENT FINISHERS	2.0000	2.0000	0.0000	0.0000	(1)

Total cases = 916
Missing cases = 137 or 15.0%

File TYP2 (Creation date = 14-Oct-82) CA UTILITY EQUIP. USE : 1981-1982

* C R O S S T A B U L A T I O N O F *
A13 AGE IN YEARS by A2 EQUIPMENT TYPE
* Page 1 of 14

A13 \ A2 (Count / Row % / Col % / Total %)	0.	LAWNMOWER-WALKING 1.	LAWNMOWER-RIDING 2.	TILLER 3.	GARDEN TRACTOR 4.	BLOWER 5.	EDGERS 6.	TRIMMERS 7.	SHREDDERS 8.	VACUUMS 9.	Row Total
0.00	3 100.0 100.0 0.3	0 0.0 0.0 0.0	0 0.0 0.0 0.0	0 0.0 0.0 0.0	0 0.0 0.0 0.0	0 0.0 0.0 0.0	0 0.0 0.0 0.0	0 0.0 0.0 0.0	0 0.0 0.0 0.0	0 0.0 0.0 0.0	3 0.3
0.02	0 0.0 0.0 0.0	1 50.0 0.1 0.1	0 0.0 0.0 0.0	0 0.0 0.0 0.0	0 0.0 0.0 0.0	0 0.0 0.0 0.0	0 0.0 0.0 0.0	0 0.0 0.0 0.0	0 0.0 0.0 0.0	0 0.0 0.0 0.0	2 0.2
0.04	0 0.0 0.0 0.0	3 100.0 0.4 0.3	0 0.0 0.0 0.0	0 0.0 0.0 0.0	0 0.0 0.0 0.0	0 0.0 0.0 0.0	0 0.0 0.0 0.0	0 0.0 0.0 0.0	0 0.0 0.0 0.0	0 0.0 0.0 0.0	3 0.3
0.08	0 0.0 0.0 0.0	1 100.0 0.1 0.1	0 0.0 0.0 0.0	0 0.0 0.0 0.0	0 0.0 0.0 0.0	0 0.0 0.0 0.0	0 0.0 0.0 0.0	0 0.0 0.0 0.0	0 0.0 0.0 0.0	0 0.0 0.0 0.0	1 0.1
0.10	0 0.0 0.0 0.0	3 60.0 0.4 0.3	0 0.0 0.0 0.0	0 0.0 0.0 0.0	0 0.0 0.0 0.0	1 20.0 10.0 0.1	1 20.0 1.0 0.1	0 0.0 0.0 0.0	0 0.0 0.0 0.0	0 0.0 0.0 0.0	5 0.4
0.20	0 0.0 0.0 0.0	2 33.3 0.3 0.2	0 0.0 0.0 0.0	0 0.0 0.0 0.0	0 0.0 0.0 0.0	0 0.0 0.0 0.0	0 0.0 0.0 0.0	1 16.7 4.3 0.1	0 0.0 0.0 0.0	0 0.0 0.0 0.0	6 0.5
0.25	0 0.0 0.0 0.0	3 30.0 0.4 0.3	0 0.0 0.0 0.0	0 0.0 0.0 0.0	0 0.0 0.0 0.0	0 0.0 0.0 0.0	1 10.0 1.0 0.1	0 0.0 0.0 0.0	1 10.0 8.3 0.1	0 0.0 0.0 0.0	10 0.9
Column Total	3 0.3	679 58.2	13 1.1	85 7.3	16 1.4	10 0.9	105 9.0	23 2.0	12 1.0	9 0.8	1166 100.0

(Continued)

File TYP2 (Creation date = 14-Oct-82) CA UTILITY EQUIP. USE : 1981-1982

* * * * * * * * * * * * * * * * * * * C R O S S T A B U L A T I O N O F * * * * * * * * * * * * * * * * * * *

A13 AGE IN YEARS by A2 EQUIPMENT TYPE

A13	Count / Row % / Col % / Total %	A2 CHAIN SA 12.	A2 AIR COMP RESSOR 13.	A2 ELECTRIC GENERAT 14.	Row Total
0.00		0	0	0	3
		0.0	0.0	0.0	0.3
		0.0	0.0	0.0	
		0.0	0.0	0.0	
0.02		1	0	0	2
		50.0	0.0	0.0	0.2
		0.5	0.0	0.0	
		0.1	0.0	0.0	
0.04		0	0	0	3
		0.0	0.0	0.0	0.3
		0.0	0.0	0.0	
		0.0	0.0	0.0	
0.08		0	0	0	1
		0.0	0.0	0.0	0.1
		0.0	0.0	0.0	
		0.0	0.0	0.0	
0.10		0	0	0	5
		0.0	0.0	0.0	0.4
		0.0	0.0	0.0	
		0.0	0.0	0.0	
0.20		3	0	0	6
		50.0	0.0	0.0	0.5
		1.6	0.0	0.0	
		0.3	0.0	0.0	
0.25		5	0	0	10
		50.0	0.0	0.0	0.9
		2.6	0.0	0.0	
		0.4	0.0	0.0	
Column Total		190 16.3	8 0.7	13 1.1	1166 100.0

(Continued)

File TYP2 (Creation date = 14-Oct-82) CA UTILITY EQUIP. USE : 1981-1982

* C R O S S T A B U L A T I O N O F *

A13 AGE IN YEARS by A2 EQUIPMENT TYPE

A13	Count / Row % / Col % / Total %	A2 0. LAWNMOWR P-WALKIN	1. LAWNMOWR R-RIDING	2. TILLER	3. GARDEN TRACTOR	4. BLOWER	5. EDGERS	6. TRIMMERS	7. SHREDDERS	8. VACUUM	9.	Row Total
0.30		0	1	0	1	0	0	0	0	1	0	3
		0.0	33.3	0.0	33.3	0.0	0.0	0.0	0.0	33.3	0.0	0.3
		0.0	0.1	0.0	1.2	0.0	0.0	0.0	0.0	8.3	0.0	
		0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.0	
0.42		0	1	0	0	0	0	0	1	0	0	2
		0.0	50.0	0.0	0.0	0.0	0.0	0.0	50.0	0.0	0.0	0.2
		0.0	0.1	0.0	0.0	0.0	0.0	0.0	4.3	0.0	0.0	
		0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	
0.50		0	14	0	0	0	0	1	2	0	0	21
		0.0	66.7	0.0	0.0	0.0	0.0	4.8	9.5	0.0	0.0	1.8
		0.0	2.1	0.0	0.0	0.0	0.0	1.0	8.7	0.0	0.0	
		0.0	1.2	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.0	
0.60		0	1	0	0	0	0	0	0	0	0	1
		0.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
		0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
		0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
0.70		0	2	0	1	0	0	0	0	0	0	3
		0.0	66.7	0.0	33.3	0.0	0.0	0.0	0.0	0.0	0.0	0.3
		0.0	0.3	0.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	
		0.0	0.2	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	
0.75		0	3	0	0	0	1	1	0	0	0	6
		0.0	50.0	0.0	0.0	0.0	16.7	16.7	0.0	0.0	0.0	0.5
		0.0	0.4	0.0	0.0	0.0	10.0	1.0	0.0	0.0	0.0	
		0.0	0.3	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	
0.80		0	4	0	1	0	0	0	0	0	0	6
		0.0	66.7	0.0	16.7	0.0	0.0	0.0	0.0	0.0	0.0	0.5
		0.0	0.6	0.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	
		0.0	0.3	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	
Column Total		3	679	13	85	16	10	105	23	12	9	1166
		0.3	58.2	1.1	7.3	1.4	0.9	9.0	2.0	1.0	0.8	100.0

(Continued)

* C R O S S T A B U L A T I O N O F *

A13 AGE IN YEARS by A2 EQUIPMENT TYPE

A13	Count / Row % / Col % / Total %	A2 CHAIN SA	AIR COMP RESSOR	ELECTRIC GENERAT	Row Total
		12.	13.	14.	
0.30		0	0	0	3
		0.0	0.0	0.0	0.3
		0.0	0.0	0.0	
		0.0	0.0	0.0	
0.42		0	0	0	2
		0.0	0.0	0.0	0.2
		0.0	0.0	0.0	
		0.0	0.0	0.0	
0.50		3	0	1	21
		14.3	0.0	4.8	1.8
		1.6	0.0	7.7	
		0.3	0.0	0.1	
0.60		0	0	0	1
		0.0	0.0	0.0	0.1
		0.0	0.0	0.0	
		0.0	0.0	0.0	
0.70		0	0	0	3
		0.0	0.0	0.0	0.3
		0.0	0.0	0.0	
		0.0	0.0	0.0	
0.75		1	0	0	6
		16.7	0.0	0.0	0.5
		0.5	0.0	0.0	
		0.1	0.0	0.0	
0.80		1	0	0	6
		16.7	0.0	0.0	0.5
		0.5	0.0	0.0	
		0.1	0.0	0.0	
Column Total		190	3	13	1166
		16.3	0.7	1.1	100.0

(Continued)

File TYP2 (Creation date = 14-Oct-82) CA UTILITY EQUIP. USE : 1981-1982

* * * * * * * * * * * * * * * * * * * C R O S S T A B U L A T I O N O F * * * * * * * * * * * * * * * * * * *

A13 AGE IN YEARS by A2 EQUIPMENT TYPE

A13	Count / Row % / Col % / Total %	A2 0. LAWNMOWR W-WALKIN	1. LAWNMOWR R-RIDING	2. TILLERS	3. GARDEN TRACTOR	4. BLOWERS	5. EDGERS	6. TRIMMERS	7. SHREDDERS	8. VACUUMS	9.	Row Total
0.33		0	1	0	0	0	0	0	0	0	0	1
		0.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
		0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
		0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
1.00		0	61	1	6	2	0	6	4	0	1	106
		0.0	57.5	0.9	5.7	1.9	0.0	5.7	3.8	0.0	0.9	9.1
		0.0	9.0	7.7	7.1	12.5	0.0	5.7	17.4	0.0	11.1	
		0.0	5.2	0.1	0.5	0.2	0.0	0.5	0.3	0.0	0.1	
1.20		0	0	0	1	0	0	0	0	0	0	1
		0.0	0.0	0.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
		0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	
		0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	
1.30		0	1	0	0	0	0	0	0	0	0	1
		0.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
		0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
		0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
1.50		0	21	0	2	0	1	4	0	0	0	32
		0.0	65.6	0.0	6.3	0.0	3.1	12.5	0.0	0.0	0.0	2.7
		0.0	3.1	0.0	2.4	0.0	10.0	3.8	0.0	0.0	0.0	
		0.0	1.8	0.0	0.2	0.0	0.1	0.3	0.0	0.0	0.0	
2.00		0	76	0	9	2	1	9	6	1	3	140
		0.0	54.3	0.0	6.4	1.4	0.7	6.4	4.3	0.7	2.1	12.0
		0.0	11.2	0.0	10.6	12.5	10.0	8.6	26.1	8.3	33.3	
		0.0	6.5	0.0	0.8	0.2	0.1	0.8	0.5	0.1	0.3	
2.50		0	3	0	0	1	0	2	0	0	0	9
		0.0	33.3	0.0	0.0	11.1	0.0	22.2	0.0	0.0	0.0	0.8
		0.0	0.4	0.0	0.0	6.3	0.0	1.9	0.0	0.0	0.0	
		0.0	0.3	0.0	0.0	0.1	0.0	0.2	0.0	0.0	0.0	
Column Total		3 0.3	679 58.2	13 1.1	85 7.3	16 1.4	10 0.9	105 9.0	23 2.0	12 1.0	9 0.8	1166 100.0

(Continued)

File TYP2 (Creation date = 14-Oct-82) CA UTILITY EQUIP. USE : 1981-1982

* * * * * C R O S S T A B U L A T I O N O F * * * * *
A13 AGE IN YEARS by A2 EQUIPMENT TYPE

A13	Count / Row % / Col % / Total %	CHAIN SA 12.	AIR COMP RESSUR 13.	ELECTRIC GENERAT 14.	Row Total
0.33	Count	0	0	0	1
	Row %	0.0	0.0	0.0	0.1
	Col %	0.0	0.0	0.0	
	Total %	0.0	0.0	0.0	
1.00	Count	24	0	1	106
	Row %	22.6	0.0	0.9	9.1
	Col %	12.6	0.0	7.7	
	Total %	2.1	0.0	0.1	
1.20	Count	0	0	0	1
	Row %	0.0	0.0	0.0	0.1
	Col %	0.0	0.0	0.0	
	Total %	0.0	0.0	0.0	
1.30	Count	0	0	0	1
	Row %	0.0	0.0	0.0	0.1
	Col %	0.0	0.0	0.0	
	Total %	0.0	0.0	0.0	
1.50	Count	4	0	0	32
	Row %	12.5	0.0	0.0	2.7
	Col %	2.1	0.0	0.0	
	Total %	0.3	0.0	0.0	
2.00	Count	33	0	0	140
	Row %	23.6	0.0	0.0	12.0
	Col %	17.4	0.0	0.0	
	Total %	2.8	0.0	0.0	
2.50	Count	1	1	1	9
	Row %	11.1	11.1	11.1	0.8
	Col %	0.5	12.5	7.7	
	Total %	0.1	0.1	0.1	
Column Total		190 16.3	8 0.7	13 1.1	1166 100.0

(Continued)

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File TYP1 (Creation date = 14-Oct-82) CA UTILITY EQUIP. USE : 1981-1982

* CROSSTABULATION OF *

A13 AGE IN YEARS by A2 EQUIPMENT TYPE

A13	Count / Row % / Col % / Total %	A2 0.	1.	2.	3.	4.	5.	6.	7.	8.	9.	Row Total
		LAWNMOWE R-WALKIN	LAWNMOWE R-RIDING	TILLER	GARDEN TRACTOR	BLOWER	EDGERS	TRIMMERS	SHREDDERS	VACUUM		
3.00	Count	0	77	3	6	2	2	17	3	0	1	148
	Row %	0.0	52.0	2.0	5.4	1.4	1.4	11.5	2.0	0.0	0.7	12.7
	Col %	0.0	11.3	23.1	9.4	12.5	20.0	16.2	13.0	0.0	11.1	
	Total %	0.0	6.6	0.3	0.7	0.2	0.2	1.5	0.3	0.0	0.1	
3.50	Count	0	0	0	1	0	0	0	0	0	0	2
	Row %	0.0	0.0	0.0	50.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
	Col %	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	
	Total %	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	
4.00	Count	0	82	3	12	1	1	1	1	0	0	127
	Row %	0.0	64.6	2.4	9.4	0.8	0.8	0.8	0.8	0.0	0.0	10.9
	Col %	0.0	12.1	23.1	14.1	6.3	10.0	1.9	4.3	0.0	0.0	
	Total %	0.0	7.0	0.3	1.0	0.1	0.1	0.1	0.1	0.0	0.0	
4.50	Count	0	2	0	0	0	0	1	0	0	0	3
	Row %	0.0	66.7	0.0	0.0	0.0	0.0	33.3	0.0	0.0	0.0	0.3
	Col %	0.0	0.3	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	
	Total %	0.0	0.2	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	
5.00	Count	0	71	2	12	1	1	14	0	0	1	116
	Row %	0.0	61.2	1.7	10.3	0.9	0.9	12.1	0.0	0.0	0.9	9.9
	Col %	0.0	10.5	15.4	14.1	6.3	10.0	13.3	0.0	0.0	11.1	
	Total %	0.0	6.1	0.2	1.0	0.1	0.1	1.2	0.0	0.0	0.1	
5.50	Count	0	3	0	0	0	0	0	0	0	0	3
	Row %	0.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3
	Col %	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	Total %	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
6.00	Count	0	10	0	6	0	1	6	2	2	1	75
	Row %	0.0	53.3	0.0	8.0	0.0	1.3	8.0	2.7	2.7	1.3	6.4
	Col %	0.0	5.9	0.0	7.1	0.0	10.0	5.7	8.7	16.7	11.1	
	Total %	0.0	3.4	0.0	0.5	0.0	0.1	0.5	0.2	0.2	0.1	
Column Total	Count	3	679	13	85	16	10	105	23	12	9	1166
	Row %	0.3	58.2	1.1	7.3	1.4	0.9	9.0	2.0	1.0	0.8	100.0

(Continued)

File TYP2 (Creation date = 14-Oct-82) CA UTILITY EQUIP. USE : 1981-1982

* * * * * C R O S S T A B U L A T I O N O F * * * * *
A13 AGE IN YEARS by A2 EQUIPMENT TYPE
* * * * * Page 8 of 14

A13 (Count / Row % / Col % / Total %)	A2: CHAIN SAW 12.	AIR COMPRESSOR 13.	ELECTRIC GENERAT 14.	Row Total
3.00	32	1	2	148
	21.6	0.7	1.4	12.7
	16.8	12.5	15.4	
	2.7	0.1	0.2	
3.50	1	0	0	2
	50.0	0.0	0.0	0.2
	0.5	0.0	0.0	
	0.1	0.0	0.0	
4.00	21	1	4	127
	16.5	0.3	3.1	10.9
	11.1	12.5	30.8	
	1.8	0.1	0.3	
4.50	0	0	0	3
	0.0	0.0	0.0	0.3
	0.0	0.0	0.0	
	0.0	0.0	0.0	
5.00	11	2	1	116
	9.5	1.7	0.9	9.9
	5.8	25.0	7.7	
	0.9	0.2	0.1	
5.50	0	0	0	3
	0.0	0.0	0.0	0.3
	0.0	0.0	0.0	
	0.0	0.0	0.0	
6.00	14	2	1	75
	18.7	2.7	1.3	6.4
	7.4	25.0	7.7	
	1.2	0.2	0.1	
Column Total	190	8	13	1166
	15.3	0.7	1.1	100.0

(Continued)

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File TYP2 (Creation date = 14-Oct-82) CA UTILITY EQUIP. USE : 1981-1982

* C R O S S T A B U L A T I O N O F *

A13 AGE IN YEARS by A2 EQUIPMENT TYPE

A13	Count / Row % / Col % / Total %	A2 0.	1. LAWNMOWR S-WALKIN	2. LAWNMOWR S-RIDING	3. TILLER	4. GARDEN TRACTOR	5. BLOWER	6. EDGERS	7. TRIMMERS	8. SHREDDERS	9.	Row Total
6.50		0	1	0	0	0	0	0	0	0	0	1
		0.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
		0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
		0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
7.00		0	32	0	9	0	0	4	1	2	0	60
		0.0	53.3	0.0	15.0	0.0	0.0	6.7	1.7	3.3	0.0	5.1
		0.0	4.7	0.0	10.6	0.0	0.0	3.8	4.3	16.7	0.0	
		0.0	2.7	0.0	0.8	0.0	0.0	0.3	0.1	0.2	0.0	
7.50		0	2	0	0	0	0	0	0	0	0	2
		0.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
		0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
		0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
8.00		0	26	1	4	0	1	5	0	2	1	47
		0.0	55.3	2.1	8.5	0.0	2.1	10.6	0.0	4.3	2.1	4.0
		0.0	3.8	7.7	4.7	0.0	10.0	4.8	0.0	16.7	11.1	
		0.0	2.2	0.1	0.3	0.0	0.1	0.4	0.0	0.2	0.1	
9.00		0	16	0	0	1	0	2	0	0	0	21
		0.0	76.2	0.0	0.0	4.8	0.0	9.5	0.0	0.0	0.0	1.8
		0.0	2.4	0.0	0.0	6.3	0.0	1.9	0.0	0.0	0.0	
		0.0	1.4	0.0	0.0	0.1	0.0	0.2	0.0	0.0	0.0	
10.00		0	48	1	6	1	0	14	1	1	0	78
		0.0	61.5	1.3	7.7	1.3	0.0	17.9	1.3	1.3	0.0	6.7
		0.0	7.1	7.7	6.9	6.3	0.0	13.3	4.3	8.3	0.0	
		0.0	4.1	0.1	0.4	0.1	0.0	1.2	0.1	0.1	0.0	
11.00		0	1	0	0	0	0	1	0	0	0	2
		0.0	50.0	0.0	0.0	0.0	0.0	50.0	0.0	0.0	0.0	0.2
		0.0	0.1	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	
		0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	
Column Total		3	679	13	86	16	10	105	23	12	9	1166
		0.3	58.2	1.1	7.3	1.4	0.9	9.0	2.0	1.0	0.8	100.0

(Continued)

File TYP2 (Creation date = 14-Oct-82) CA UTILITY EQUIP. USE : 1961-1982

* C R O S S T A B U L A T I O N O F * * * * * * * * * * * * * * * * * * *

A13 AGE IN YEARS by A2 EQUIPMENT TYPE

A13	Count / Row % / Col % / Total %	A2 CHAIN SA	A2 AIR COMP RESSOR	A2 ELECTRIC GENERAT	Row Total
		12.	13.	14.	
6.50	Count	0	0	0	1
	Row %	0.0	0.0	0.0	0.1
	Col %	0.0	0.0	0.0	
	Total %	0.0	0.0	0.0	
7.00	Count	11	0	1	60
	Row %	18.3	0.0	1.7	5.1
	Col %	5.8	0.0	7.7	
	Total %	0.9	0.0	0.1	
7.50	Count	0	0	0	2
	Row %	0.0	0.0	0.0	0.2
	Col %	0.0	0.0	0.0	
	Total %	0.0	0.0	0.0	
8.00	Count	7	0	0	47
	Row %	14.9	0.0	0.0	4.0
	Col %	3.7	0.0	0.0	
	Total %	0.6	0.0	0.0	
9.00	Count	2	0	0	21
	Row %	9.5	0.0	0.0	1.8
	Col %	1.1	0.0	0.0	
	Total %	0.2	0.0	0.0	
10.00	Count	7	0	0	78
	Row %	9.0	0.0	0.0	6.7
	Col %	3.7	0.0	0.0	
	Total %	0.6	0.0	0.0	
11.00	Count	0	0	0	2
	Row %	0.0	0.0	0.0	0.2
	Col %	0.0	0.0	0.0	
	Total %	0.0	0.0	0.0	
Column Total		190 16.3	8 0.7	13 1.1	1160 100.0

(Continued)

File TYP2 (Creation date = 14-Oct-82) CA UTILITY EQUIP. USE : 1981-1982

* C R O S S T A B U L A T I O N O F *

A13 AGE IN YEARS by A2 EQUIPMENT TYPE

A13	A2 Count / Row % / Col % / Total %	0. LAWNMOWR R-WALKIN	1. LAWNMOWR R-RIDING	2. TILLER	3. GARDEN TRACTOR	4. BLOWER	5. EDGERS	6. TRIMMERS	7. SHREDDERS/MACHINES	8.	9.	Row Total
12.00		0	15	1	1	2	0	3	1	0	0	26
		0.0	57.5	3.8	3.8	7.7	0.0	11.5	3.8	0.0	0.0	2.2
		0.0	2.4	7.7	1.2	12.5	0.0	2.9	4.3	0.0	0.0	
		0.0	1.4	0.1	0.1	0.2	0.0	0.3	0.1	0.0	0.0	
13.00		0	5	0	0	0	0	0	0	0	0	5
		0.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4
		0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
		0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
14.00		0	7	0	0	0	0	2	0	0	0	9
		0.0	77.8	0.0	0.0	0.0	0.0	22.2	0.0	0.0	0.0	0.8
		0.0	1.0	0.0	0.0	0.0	0.0	1.9	0.0	0.0	0.0	
		0.0	0.5	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	
15.00		0	20	1	3	1	0	5	0	0	0	33
		0.0	60.6	3.0	9.1	3.0	0.0	15.2	0.0	0.0	0.0	2.8
		0.0	2.9	7.7	3.5	6.3	0.0	4.8	0.0	0.0	0.0	
		0.0	1.7	0.1	0.3	0.1	0.0	0.4	0.0	0.0	0.0	
16.00		0	4	0	1	0	0	0	0	0	0	5
		0.0	80.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4
		0.0	0.6	0.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	
		0.0	0.3	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	
18.00		0	5	0	0	0	0	1	0	0	0	7
		0.0	71.4	0.0	0.0	0.0	0.0	14.3	0.0	0.0	0.0	0.6
		0.0	0.7	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	
		0.0	0.4	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	
20.00		0	9	0	0	1	0	3	0	1	0	16
		0.0	56.3	0.0	0.0	6.3	0.0	18.8	0.0	6.3	0.0	1.4
		0.0	1.3	0.0	0.0	6.3	0.0	2.9	0.0	8.3	0.0	
		0.0	0.8	0.0	0.0	0.1	0.0	0.3	0.0	0.1	0.0	
Column Total		3 0.3	679 58.2	13 1.1	85 7.3	16 1.4	10 0.9	105 9.0	23 2.0	12 1.0	9 0.8	1166 100.0

(Continued)

File TYP2 (Creation date = 14-Oct-82) CA UTILITY EQUIP. USE : 1981-1982

* C R O S S T A B U L A T I O N O F * * * * * * * * * * * * * * * * * * *

A13 AGE IN YEARS by A2 EQUIPMENT TYPE

A13	Count / Row % / Col % / Total %	A2 CHAIN SA 12.	AIR COMP RESSOR 13.	ELECTRIC GENERAT 14.	Row Total
12.00		2	0	0	26
		7.7	0.0	0.0	2.2
		1.1	0.0	0.0	
		0.2	0.0	0.0	
13.00		0	0	0	5
		0.0	0.0	0.0	0.4
		0.0	0.0	0.0	
		0.0	0.0	0.0	
14.00		0	0	0	9
		0.0	0.0	0.0	0.8
		0.0	0.0	0.0	
		0.0	0.0	0.0	
15.00		2	0	1	33
		6.1	0.0	3.0	2.8
		1.1	0.0	7.7	
		0.2	0.0	0.1	
16.00		0	0	0	5
		0.0	0.0	0.0	0.4
		0.0	0.0	0.0	
		0.0	0.0	0.0	
18.00		1	0	0	7
		14.3	0.0	0.0	0.6
		0.5	0.0	0.0	
		0.1	0.0	0.0	
20.00		2	0	0	16
		12.5	0.0	0.0	1.4
		1.1	0.0	0.0	
		0.2	0.0	0.0	
Column Total		190 16.3	8 0.7	13 1.1	1166 100.0

(Continued)

File TYP2 (Creation date = 14-Oct-82) CA UTILITY EQUIP. USE : 1981-1982

* C R O S S T A B U L A T I O N O F * * * * * * * * * * * * * * * * * * *

A13 AGE IN YEARS by A2 EQUIPMENT TYPE

A13	A2 Count / Row % / Col % / Total %	0. LAWNMOWE R-WALKIN	1. LAWNMOWE R-RIDING	2. TILLER	3. GARDEN TRACTOR	4. BLOWER	5. EDGERS	6. TRIMMERS	7. SHREDDERS	8. VACUUM	9.	Row Total
22.50		0	0	0	0	0	0	0	0	0	0	1
		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
25.00		0	5	0	2	0	0	0	0	1	0	8
		0.0	62.5	0.0	25.0	0.0	0.0	0.0	0.0	12.5	0.0	0.7
		0.0	0.7	0.0	2.4	0.0	0.0	0.0	0.0	8.3	0.0	
		0.0	0.4	0.0	0.2	0.0	0.0	0.0	0.0	0.1	0.0	
30.00		0	3	0	0	1	0	1	0	0	0	5
		0.0	60.0	0.0	0.0	20.0	0.0	20.0	0.0	0.0	0.0	0.4
		0.0	0.4	0.0	0.0	6.3	0.0	1.0	0.0	0.0	0.0	
		0.0	0.3	0.0	0.0	0.1	0.0	0.1	0.0	0.0	0.0	
31.00		0	1	0	0	0	0	0	0	0	0	1
		0.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
		0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
		0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
35.00		0	1	0	0	0	0	0	0	0	1	3
		0.0	33.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	33.3	0.3
		0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.1	
		0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	
	Column Total	3	679	13	85	16	10	105	23	12	9	1166
		0.3	58.2	1.1	7.3	1.4	0.9	9.0	2.0	1.0	0.8	100.0

(Continued)

File TYP2 (Creation date = 14-Oct-82) CA UTILITY EQUIP. USE : 1981-1982

* C R O S S T A B U L A T I O N O F * * * * * * * * * * * * * * * * * * *

A13 AGE IN YEARS by A2 EQUIPMENT TYPE

A13	Count / Row % / Col % / Total %	A2 CHAIN SA 12.	AIR COMP RESSOR 13.	ELECTRIC GENERAT 14.	Row Total
22.50		0	1	0	1
		0.0	100.0	0.0	0.1
		0.0	12.5	0.0	
		0.0	0.1	0.0	
25.00		0	0	0	8
		0.0	0.0	0.0	0.7
		0.0	0.0	0.0	
		0.0	0.0	0.0	
30.00		0	0	0	5
		0.0	0.0	0.0	0.4
		0.0	0.0	0.0	
		0.0	0.0	0.0	
31.00		0	0	0	1
		0.0	0.0	0.0	0.1
		0.0	0.0	0.0	
		0.0	0.0	0.0	
35.00		1	0	0	3
		33.3	0.0	0.0	0.3
		0.5	0.0	0.0	
		0.1	0.0	0.0	
Column Total		190 16.3	3 0.7	13 1.1	1166 100.0

Number of missing observations = 74

* * * * * * * * * * * * * * * * * * C R O S S T A B U L A T I O N O F * * * * * * * * * * * * * * * * * * *

A13 AGE IN YEARS by EQUIP EQUIPMENT TYPE

* Page 1 of 7

A13	Count / Row % / Col % / Total %	MOWERS-4 NEW 1.	MOWERS-4 USED 2.	MOWERS-2 NEW 3.	MOWERS-2 USED 4.	CHAINS. NEW 5.	CHAINS. USED 6.	Row Total
0.02	Count	1	0	0	0	1	0	2
	Row %	50.0	0.0	0.0	0.0	50.0	0.0	0.2
	Col %	0.3	0.0	0.0	0.0	0.6	0.0	
	Total %	0.1	0.0	0.0	0.0	0.1	0.0	
0.04	Count	3	0	0	0	0	0	3
	Row %	100.0	0.0	0.0	0.0	0.0	0.0	0.4
	Col %	0.9	0.0	0.0	0.0	0.0	0.0	
	Total %	0.4	0.0	0.0	0.0	0.0	0.0	
0.08	Count	1	0	0	0	0	0	1
	Row %	100.0	0.0	0.0	0.0	0.0	0.0	0.1
	Col %	0.3	0.0	0.0	0.0	0.0	0.0	
	Total %	0.1	0.0	0.0	0.0	0.0	0.0	
0.10	Count	1	0	2	0	0	0	3
	Row %	33.3	0.0	66.7	0.0	0.0	0.0	0.4
	Col %	0.3	0.0	1.0	0.0	0.0	0.0	
	Total %	0.1	0.0	0.2	0.0	0.0	0.0	
0.20	Count	1	0	0	0	3	0	4
	Row %	25.0	0.0	0.0	0.0	75.0	0.0	0.5
	Col %	0.3	0.0	0.0	0.0	1.8	0.0	
	Total %	0.1	0.0	0.0	0.0	0.4	0.0	
0.25	Count	2	0	1	0	5	0	8
	Row %	25.0	0.0	12.5	0.0	62.5	0.0	0.9
	Col %	0.6	0.0	0.5	0.0	2.9	0.0	
	Total %	0.2	0.0	0.1	0.0	0.6	0.0	
0.30	Count	0	0	1	0	0	0	1
	Row %	0.0	0.0	100.0	0.0	0.0	0.0	0.1
	Col %	0.0	0.0	0.5	0.0	0.0	0.0	
	Total %	0.0	0.0	0.1	0.0	0.0	0.0	
Column Total		333	88	199	43	170	20	853
		39.0	10.3	23.3	5.0	19.9	2.3	100.0

(Continued)

A13	Count / Row % / Col % / Total %	EQUIP MOWERS-4 NEW 1.	MOWERS-4 USED 2.	MOWERS-2 NEW 3.	MOWERS-2 USED 4.	CHAINS, NEW 5.	CHAINS, USED 6.	Row Total
0.42		0	0	1	0	0	0	1
		0.0	0.0	100.0	0.0	0.0	0.0	0.1
		0.0	0.0	0.5	0.0	0.0	0.0	
		0.0	0.0	0.1	0.0	0.0	0.0	
0.50		9	1	3	0	3	0	16
		56.3	6.3	18.8	0.0	18.8	0.0	1.9
		2.7	1.1	1.5	0.0	1.8	0.0	
		1.1	0.1	0.4	0.0	0.4	0.0	
0.60		1	0	0	0	0	0	1
		100.0	0.0	0.0	0.0	0.0	0.0	0.1
		0.3	0.0	0.0	0.0	0.0	0.0	
		0.1	0.0	0.0	0.0	0.0	0.0	
0.70		2	0	0	0	0	0	2
		100.0	0.0	0.0	0.0	0.0	0.0	0.2
		0.6	0.0	0.0	0.0	0.0	0.0	
		0.2	0.0	0.0	0.0	0.0	0.0	
0.75		1	0	2	0	1	0	4
		25.0	0.0	50.0	0.0	25.0	0.0	0.5
		0.3	0.0	1.0	0.0	0.6	0.0	
		0.1	0.0	0.2	0.0	0.1	0.0	
0.80		2	0	2	0	1	0	5
		40.0	0.0	40.0	0.0	20.0	0.0	0.6
		0.6	0.0	1.0	0.0	0.6	0.0	
		0.2	0.0	0.2	0.0	0.1	0.0	
0.83		1	0	0	0	0	0	1
		100.0	0.0	0.0	0.0	0.0	0.0	0.1
		0.3	0.0	0.0	0.0	0.0	0.0	
		0.1	0.0	0.0	0.0	0.0	0.0	
	Column	333	88	199	43	170	20	853
	Total	39.0	10.3	23.3	5.0	19.9	2.3	100.0

(Continued)

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File TYP2 (Creation date = 9-Jun-83) CA UTILITY EQUIP. USE : 1981-1982

* * * * * * * * * * * * * * * * * * C R O S S T A B U L A T I O N O F * * * * * * * * * * * * * * * * * *
A13 AGE IN YEARS by EQUIP EQUIPMENT-TYPE
* Page 3 of 7

A13	Count / Row % / Col % / Total %	MOWERS-4 NEW 1.	MOWERS-4 USED 2.	MOWERS-2 NEW 3.	MOWERS-2 USED 4.	CHAINS. NEW 5.	CHAINS. USED 6.	Row Total
1.00	Count	33	3	23	0	23	1	83
	Row %	39.8	3.6	27.7	0.0	27.7	1.2	9.7
	Col %	9.9	3.4	11.6	0.0	13.5	5.0	
	Total %	3.9	0.4	2.7	0.0	2.7	0.1	
1.30	Count	0	0	1	0	0	0	1
	Row %	0.0	0.0	100.0	0.0	0.0	0.0	0.1
	Col %	0.0	0.0	0.5	0.0	0.0	0.0	
	Total %	0.0	0.0	0.1	0.0	0.0	0.0	
1.50	Count	11	1	5	2	3	1	23
	Row %	47.8	4.3	21.7	8.7	13.0	4.3	2.7
	Col %	3.3	1.1	2.5	4.7	1.8	5.0	
	Total %	1.3	0.1	0.6	0.2	0.4	0.1	
2.00	Count	41	2	28	3	32	1	107
	Row %	38.3	1.9	26.2	2.8	29.9	0.9	12.5
	Col %	12.3	2.3	14.1	7.0	18.8	5.0	
	Total %	4.8	0.2	3.3	0.4	3.8	0.1	
2.50	Count	3	0	0	0	1	0	4
	Row %	75.0	0.0	0.0	0.0	25.0	0.0	0.5
	Col %	0.9	0.0	0.0	0.0	0.6	0.0	
	Total %	0.4	0.0	0.0	0.0	0.1	0.0	
3.00	Count	40	5	23	6	31	1	106
	Row %	37.7	4.7	21.7	5.7	29.2	0.9	12.4
	Col %	12.0	5.7	11.6	14.0	18.2	5.0	
	Total %	4.7	0.6	2.7	0.7	3.6	0.1	
3.50	Count	0	0	0	0	1	0	1
	Row %	0.0	0.0	0.0	0.0	100.0	0.0	0.1
	Col %	0.0	0.0	0.0	0.0	0.6	0.0	
	Total %	0.0	0.0	0.0	0.0	0.1	0.0	
Column Total		333	88	199	43	170	20	853
		39.0	10.3	23.3	5.0	19.9	2.3	100.0

(Continued)

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A13	EQUIP	1. MOWERS-4 NEW	2. MOWERS-4 USED	3. MOWERS-2 NEW	4. MOWERS-2 USED	5. CHAINS. NEW	6. CHAINS. USED	Row Total
4.00	Count	38	9	31	2	19	2	101
	Row %	37.6	8.9	30.7	2.0	18.8	2.0	11.8
	Col %	11.4	10.2	15.6	4.7	11.2	10.0	
	Total %	4.5	1.1	3.6	0.2	2.2	0.2	
4.50	Count	2	0	0	0	0	0	2
	Row %	100.0	0.0	0.0	0.0	0.0	0.0	0.2
	Col %	0.6	0.0	0.0	0.0	0.0	0.0	
	Total %	0.2	0.0	0.0	0.0	0.0	0.0	
5.00	Count	36	11	16	7	6	5	81
	Row %	44.4	13.6	19.8	8.6	7.4	6.2	9.5
	Col %	10.8	12.5	8.0	16.3	3.5	25.0	
	Total %	4.2	1.3	1.9	0.8	0.7	0.6	
5.50	Count	1	1	1	0	0	0	3
	Row %	33.3	33.3	33.3	0.0	0.0	0.0	0.4
	Col %	0.3	1.1	0.5	0.0	0.0	0.0	
	Total %	0.1	0.1	0.1	0.0	0.0	0.0	
6.00	Count	21	7	8	4	11	3	54
	Row %	38.9	13.0	14.8	7.4	20.4	5.6	6.3
	Col %	6.3	8.0	4.0	9.3	6.5	15.0	
	Total %	2.5	0.8	0.9	0.5	1.3	0.4	
6.50	Count	0	0	1	0	0	0	1
	Row %	0.0	0.0	100.0	0.0	0.0	0.0	0.1
	Col %	0.0	0.0	0.5	0.0	0.0	0.0	
	Total %	0.0	0.0	0.1	0.0	0.0	0.0	
7.00	Count	13	5	11	2	10	1	42
	Row %	31.0	11.9	26.2	4.8	23.8	2.4	4.9
	Col %	3.9	5.7	5.5	4.7	5.9	5.0	
	Total %	1.5	0.6	1.3	0.2	1.2	0.1	
Column Total	Count	333	88	199	43	170	20	853
		39.0	10.3	23.3	5.0	19.9	2.3	100.0

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File TYP2 (Creation date = 9-Jun-83) CA UTILITY EQUIP. USE : 1981-1982

* * * * * * * * * * * * * * * * * * C R O S S T A B U L A T I O N O F * * * * * * * * * * * * * * * * * *
A13 AGE IN YEARS by EQUIP EQUIPMENT TYPE
* Page 5 of 7

A13	Count / Row % / Col % / Total %	EQUIP MOWERS-4 NEW 1.	MOWERS-4 USED 2.	MOWERS-2 NEW 3.	MOWERS-2 USED 4.	CHAINS. NEW 5.	CHAINS. USED 6.	Row Total
7.50		2	0	0	0	0	0	2
		100.0	0.0	0.0	0.0	0.0	0.0	0.2
		0.6	0.0	0.0	0.0	0.0	0.0	
		0.2	0.0	0.0	0.0	0.0	0.0	
8.00		17	6	2	1	5	2	33
		51.5	18.2	6.1	3.0	15.2	6.1	3.9
		5.1	6.8	1.0	2.3	2.9	10.0	
		2.0	0.7	0.2	0.1	0.6	0.2	
9.00		7	4	3	2	2	0	18
		38.9	22.2	16.7	11.1	11.1	0.0	2.1
		2.1	4.5	1.5	4.7	1.2	0.0	
		0.8	0.5	0.4	0.2	0.2	0.0	
10.00		14	18	12	4	7	0	55
		25.5	32.7	21.8	7.3	12.7	0.0	6.4
		4.2	20.5	6.0	9.3	4.1	0.0	
		1.6	2.1	1.4	0.5	0.8	0.0	
11.00		0	0	1	0	0	0	1
		0.0	0.0	100.0	0.0	0.0	0.0	0.1
		0.0	0.0	0.5	0.0	0.0	0.0	
		0.0	0.0	0.1	0.0	0.0	0.0	
12.00		5	2	7	2	1	1	18
		27.8	11.1	38.9	11.1	5.6	5.6	2.1
		1.5	2.3	3.5	4.7	0.6	5.0	
		0.6	0.2	0.8	0.2	0.1	0.1	
13.00		3	1	1	0	0	0	5
		60.0	20.0	20.0	0.0	0.0	0.0	0.6
		0.9	1.1	0.5	0.0	0.0	0.0	
		0.4	0.1	0.1	0.0	0.0	0.0	
	Column Total	333	88	199	43	170	20	853
		39.0	10.3	23.3	5.0	19.9	2.3	100.0

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A13 AGE IN YEARS by EQUIP EQUIPMENT TYPE

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A13 — Count / Row % / Col % / Total %	EQUIP: MOWERS-4 NEW 1.	MOWERS-4 USED 2.	MOWERS-2 NEW 3.	MOWERS-2 USED 4.	CHAINS. NEW 5.	CHAINS. USED 6.	Row Total
14.00	4	1	2	0	0	0	7
	57.1	14.3	28.6	0.0	0.0	0.0	0.8
	1.2	1.1	1.0	0.0	0.0	0.0	
	0.5	0.1	0.2	0.0	0.0	0.0	
15.00	8	6	2	3	2	0	21
	38.1	28.6	9.5	14.3	9.5	0.0	2.5
	2.4	6.8	1.0	7.0	1.2	0.0	
	0.9	0.7	0.2	0.4	0.2	0.0	
16.00	1	0	1	2	0	0	4
	25.0	0.0	25.0	50.0	0.0	0.0	0.5
	0.3	0.0	0.5	4.7	0.0	0.0	
	0.1	0.0	0.1	0.2	0.0	0.0	
18.00	2	1	2	0	1	0	6
	33.3	16.7	33.3	0.0	16.7	0.0	0.7
	0.6	1.1	1.0	0.0	0.6	0.0	
	0.2	0.1	0.2	0.0	0.1	0.0	
20.00	4	1	3	1	0	2	11
	36.4	9.1	27.3	9.1	0.0	18.2	1.3
	1.2	1.1	1.5	2.3	0.0	10.0	
	0.5	0.1	0.4	0.1	0.0	0.2	
25.00	2	1	1	1	0	0	5
	40.0	20.0	20.0	20.0	0.0	0.0	0.6
	0.6	1.1	0.5	2.3	0.0	0.0	
	0.2	0.1	0.1	0.1	0.0	0.0	
30.00	0	1	1	1	0	0	3
	0.0	33.3	33.3	33.3	0.0	0.0	0.4
	0.0	1.1	0.5	2.3	0.0	0.0	
	0.0	0.1	0.1	0.1	0.0	0.0	
Column Total	333	88	199	43	170	20	853
	39.0	10.3	23.3	5.0	19.9	2.3	100.0

(Continued)

File TYP2 (Creation date = 9-Jun-83) CA UTILITY EQUIP. USE : 1981-1982

* * * * * * * * * * * * * * * * * * C R O S S T A B U L A T I O N O F * * * * * * * * * * * * * * * * * *
A13 AGE IN YEARS by EQUIP EQUIPMENT TYPE
* Page 7 of 7

A13 (Count / Row % / Col % / Total %)	EQUIP: MOWERS-4 NEW 1.	MOWERS-4 USED 2.	MOWERS-2 NEW 3.	MOWERS-2 USED 4.	CHAINS. NEW 5.	CHAINS. USED 6.	Row Total
31.00	0	0	1	0	0	0	1
	0.0	0.0	100.0	0.0	0.0	0.0	0.1
	0.0	0.0	0.5	0.0	0.0	0.0	
	0.0	0.0	0.1	0.0	0.0	0.0	
35.00	0	1	0	0	1	0	2
	0.0	50.0	0.0	0.0	50.0	0.0	0.2
	0.0	1.1	0.0	0.0	0.6	0.0	
	0.0	0.1	0.0	0.0	0.1	0.0	
Column Total	333	88	199	43	170	20	853
	39.0	10.3	23.3	5.0	19.9	2.3	100.0

Number of missing observations = 64

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LAWNMOWERS - 4CYC
File TYP2 (Creation date = 14-Oct-82) CA UTILITY EQUIP. USE : 1981-1982

DESCRIPTION OF SUBPOPULATIONS

Criterion variable A3 NO. OF TIMES USED PER YEAR
broken down by REG REGION OF THE STATE

Variable	Code	Value label	Sum	Mean	Std dev	Variance	N
For entire population			10714.3200	24.0231	20.1042	404.1796	(446)
REG	1.	BAY AREA	2750.8800	21.3247	19.7723	390.9432	(129)
REG	2.	CENTRAL VALLEY	2971.4400	21.2246	17.5826	309.1472	(140)
REG	3.	SOUTH COAST	4992.0000	28.2034	21.5479	464.3120	(177)

Total cases = 449
Missing cases = 3 or 0.7%

LAWNMOWERS - 2CYC
File TYP2 (Creation date = 14-Oct-82) CA UTILITY EQUIP. USE : 1981-1982

DESCRIPTION OF SUBPOPULATIONS

Criterion variable AS NO. OF TIMES USED PER YEAR
broken down by REG REGION OF THE STATE

Variable	Code	Value label	Sum	Mean	Std dev	Variance		N
For entire population			6684.9600	26.2155	23.4509	549.9466	(	255)
REG	1.	BAY AREA	1839.9600	24.5328	19.6667	386.8561	(	75)
REG	2.	CENTRAL VALLEY	2307.2400	25.0787	24.3744	594.1116	(	92)
REG	3.	SOUTH COAST	2537.7600	28.8382	25.3840	644.3492	(	88)

Total cases = 255

TILLERS

File TYP2 (Creation date = 14-Oct-92) CA UTILITY EQUIP. USE : 1981-1992

- DESCRIPTION OF SUBPOPULATIONS - - - - - - - - - - - - - - - - - -

Criterion variable A5 NO. OF TIMES USED PER YEAR
broken down by REG REGION OF THE STATE

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Variable	Code	Value label	Sum	Mean	Std dev	Variance		N
For entire population			1030.1000	11.2064	26.7469	715.3968	(	30)
REG	1.	BAY AREA	178.4400	5.9480	9.2190	84.9905	(	30)
REG	2.	CENTRAL VALLEY	758.2200	18.0529	36.8607	1359.7132	(	42)
REG	3.	SOUTH COAST	49.4400	3.0900	3.7814	14.2992	(	16)

Total cases = 92
Missing cases = 4 or 4.3%

File TYP2 (Creation date = 14-Oct-82) CA UTILITY EQUIP. USE : 1981-1982

DESCRIPTION OF SUBPOPULATIONS

Criterion variable A3 NO. OF TIMES USED PER YEAR
broken down by REG REGION OF THE STATE

Variable	Code	Value label	Sum	Mean	Std dev	Variance	N
For entire population			1980.0400	18.4078	16.4170	269.5182	(108)
REG	1.	BAY AREA	49.2000	5.4667	5.6639	32.0800	(9)
REG	2.	CENTRAL VALLEY	746.2000	16.5600	16.1980	262.3739	(45)
REG	3.	SOUTH COAST	1193.6400	22.1044	15.6192	276.1987	(54)

Total cases = 112
Missing cases = 4 or 3.6%

3L1

TRIMMED

File TYP2 (Creation date = 14-Oct-82) CA UTILITY EQUIP. USE : 1981-1982

DESCRIPTION OF SUBPOPULATIONS

Criterion variable A3 NO. OF TIMES USED PER YEAR
broken down by REG REGION OF THE STATE

Variable	Code	Value label	Sum	Mean	Std dev	Variance	N
For entire population			442.8000	20.1273	24.1650	583.9419	(22)
REG	1.	BAY AREA	104.4000	26.1000	46.7079	2187.2400	(4)
REG	2.	CENTRAL VALLEY	202.8000	16.9000	16.8560	284.1927	(12)
REG	3.	SOUTH COAST	135.6000	22.6000	21.3103	454.1280	(6)

Total cases = 24
Missing cases = 2 or 8.3%

DESCRIPTION OF SUBPOPULATIONS

Criterion variable A3 NO. OF TIMES USED PER YEAR
Broken down by REG REGION OF THE STATE

Variable	Code	Value label	Sum	Mean	Std dev	Variance	N
For entire population			1671.9400	8.5303	14.0350	326.1908	(191)
REG	1.	BAY AREA	595.5800	9.9263	17.7120	313.7165	(60)
REG	2.	CENTRAL VALLEY	956.2000	11.9400	20.6719	428.2025	(80)
REG	3.	SOUTH COAST	334.0600	6.5500	13.3709	178.7813	(51)

Total cases = 196
Missing cases = 5 or 2.6%

File TYPE (Creation date = 14-Oct-82) CA UTILITY EQUIP. USE : 1981-1982

DESCRIPTION OF SUBPOPULATIONS

Criterion variable A3 NO. OF TIMES USED PER YEAR
broken down by A2 EQUIPMENT TYPE

Variable	Code	Value label	Sum	Mean	Std dev	Variance	N
A2	0.		0.0000	0.0000	0.0000	0.0000	(3)
A2	1.	LAWNMOWER-WALKING	17717.2800	24.7446	21.5130	454.2420	(716)
A2	2.	LAWNMOWER-RIDING	315.6000	24.2769	20.7970	432.5169	(13)
A2	3.	TILLER	986.1500	11.2064	26.7469	715.3968	(88)
A2	4.	GARDEN TRACTOR	234.3500	13.7853	18.1029	327.7114	(17)
A2	5.	BLOWER	272.4000	27.2400	25.4667	648.6560	(10)
A2	6.	EDGERS	1988.0400	18.4078	16.4170	269.5182	(106)
A2	7.	TRIMMERS	442.6000	20.1273	24.1650	583.9449	(22)
A2	8.	SHREDDERS	45.6000	3.8000	5.4832	30.0655	(12)
A2	9.	VACUUMS	73.2000	8.1333	7.9549	63.2800	(9)
A2	12.	CHAIN SAW	1884.8400	9.9603	18.0330	325.1908	(191)
A2	13.	AIR COMPRESSOR	72.0000	9.0000	16.4035	269.0743	(8)
A2	14.	ELECTRIC GENERATOR	76.8000	4.2667	11.3635	129.1294	(18)

Total cases = 1240
Missing cases = 25 or 2.0%

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

Criterion variable A6 NO. OF TIMES USED PER YEAR DURING PEAK
broken down by REG REGION OF THE STATE

Variable	Code	Value label	Sum	Mean	Std dev	Variance	N
For entire population			13752.9500	33.9579	27.1785	738.6712	(405)
REG	1.	BAY AREA	3870.6000	32.5261	25.8197	666.6582	(119)
REG	2.	CENTRAL VALLEY	5065.5600	37.2468	24.5532	602.8596	(136)
REG	3.	SOUTH COAST	4816.8000	32.1120	30.2279	913.7270	(150)

Total cases = 449
Missing cases = 44 or 9.8%

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D E S C R I P T I O N O F S U B P O P U L A T I O N S

Criterion variable A6 NO. OF TIMES USED PER YEAR DURING PEAK
broken down by REG REGION OF THE STATE

Variable	Code	Value label	Sum	Mean	Std dev	Variance	N
For entire population			7689.6000	33.0026	25.7969	665.4802	(233)
REG	1.	BAY AREA	1941.6000	28.1391	22.3597	499.9568	(69)
REG	2.	CENTRAL VALLEY	3564.0000	40.9655	26.1086	681.6616	(87)
REG	3.	SOUTH COAST	2184.0000	28.3636	26.3992	696.9187	(77)

Total cases = 255
Missing cases = 22 or 8.6%

File TYP2 (Creation date = 14-Oct-82) CA UTILITY EQUIP. USE : 1981-1982

D E S C R I P T I O N O F S U B P O P U L A T I O N S

Criterion variable AS NO. OF TIMES USED PER YEAR DURING PEAK
broken down by REG REGION OF THE STATE

Variable	Code	Value label	Sum	Mean	Std dev	Variance	N
For entire population			1613.1000	20.6808	46.6309	2165.1233	(78)
REG	1.	BAY AREA	432.7200	14.9214	20.7916	432.2924	(29)
REG	2.	CENTRAL VALLEY	1069.2000	29.7000	65.0758	4234.9651	(36)
REG	3.	SOUTH COAST	111.2400	9.5669	7.0046	49.0611	(13)

Total cases = 92
Missing cases = 14 or 15.2%

h21

EDGERS
File TYP2 (Creation date = 14-Oct-82) CA UTILITY EQUIP. USE : 1981-1982

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

Criterion variable A6 NO. OF TIMES USED PER YEAR DURING [illegible]
broken down by REG REGION OF THE STATE

Variable	Code	Value label	Sum	Mean	Std dev	Variance	N
For entire population			2369.1600	25.2028	24.4657	598.5722	(94)
REG	1.	BAY AREA	144.0000	16.0000	14.6969	216.0000	(9)
REG	2.	CENTRAL VALLEY	1181.1600	28.1229	25.1044	630.2324	(42)
REG	3.	SOUTH COAST	1044.0000	24.2791	25.3277	641.4917	(43)

Total cases = 112
Missing cases = 18 or 16.1%

125

TRIMMERS
File TYP2 (Creation date = 14-Oct-82) CA UTILITY EQUIP. USS : 1981-1982

- D E S C R I P T I O N O F S U B P O P U L A T I O N S - - - - - - - - - - - - - - - - - -
Criterion variable A6 NO. OF TIMES USED PER YEAR DURING PEAK
broken down by REG REGION OF THE STATE
- -

Variable	Code	Value label	Sum	Mean	Std dev	Variance	N
For entire population			420.0000	19.0909	23.3215	543.8961	(22)
REG	1.	BAY AREA	180.0000	15.0000	37.1484	1380.0000	(4)
REG	2.	CENTRAL VALLEY	228.0000	19.0000	15.7365	247.6364	(12)
REG	3.	SOUTH COAST	12.0000	2.0000	4.8990	24.0000	(6)

Total cases = 24
Missing cases = 2 or 8.3%

9 21

CHAINSAWS
File TYP2 (Creation date = 14-Oct-82) CA UTILITY EQUIP. USE : 1981-1982

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

Criterion variable AS NO. OF TIMES USED PER YEAR DURING PEAK
broken down by REG REGION OF THE STATE

Variable	Code	Value Label	Sum	Mean	Std dev	Variance	N
For entire population			2920.0000	19.5973	24.3268	591.7646	(149)
REG	1.	BAY AREA	649.5600	13.2563	15.3489	235.5689	(49)
REG	2.	CENTRAL VALLEY	1693.3200	25.6564	27.0401	731.1670	(66)
REG	3.	SOUTH COAST	577.2000	16.9765	27.0372	731.0079	(34)

Total cases = 196
Missing cases = 47 or 24.0%

File TYPE2 (Creation date = 14-Oct-82) CA UTILITY EQUIP. USE : 1981-1982

DESCRIPTION OF SUBPOPULATIONS

Criterion variable A6 NO. OF TIMES USED PER YEAR DURING PEAK
broken down by A7 EQUIPMENT TYPE

Variable	Code	Value label	Sum	Mean	Std dev	Variance	N
A2	0.		0.0000	0.0000	0.0000	0.0000	(3)
A2	1.	LAWNMOWER-WALKING	21778.5600	33.2006	26.6047	707.9093	(654)
A2	2.	LAWNMOWER-RIDING	444.0000	37.0000	39.4554	1556.7273	(12)
A2	3.	TILLER	1613.1600	20.6815	46.5309	2165.1233	(78)
A2	4.	GARDEN TRACTOR	441.6000	31.5429	42.9542	1845.0673	(14)
A2	5.	PLOWER	168.0000	21.0000	31.3857	1221.0000	(8)
A2	6.	EDGERS	2369.1600	25.2036	24.4657	598.5722	(94)
A2	7.	TRIMMERS	420.0000	19.0909	23.3216	543.8961	(22)
A2	8.	SHREDDERS	291.6000	32.4000	41.2388	1700.6400	(9)
A2	9.	VACUUMS	333.6000	37.0667	17.2174	296.4400	(9)
A2	12.	CHAIN SAW	2870.0900	19.5579	24.3266	591.7846	(149)
A2	13.	AIR COMPRESSOR	24.6000	3.5143	9.0361	81.6814	(7)
A2	14.	ELECTRIC GENERATOR	214.8000	15.3429	21.2910	453.3073	(14)

Total cases = 1240
Missing cases = 157 or 13.5%

231

LAWNMOWERS - 4CYC
File TYP2 (Creation date = 14-Oct-82) CA UTILITY EQUIP. USE : 1981-1982

DESCRIPTION OF SUBPOPULATIONS

Criterion variable A7 NO. OF HOURS RUN EQUIPMENT PER USE
broken down by REG REGION OF THE STATE

Variable	Code	Value label	Sum	Mean	Std dev	Variance	N
For entire population			345.4200	0.7796	0.9700	0.9409	(443)
REG	1.	BAY AREA	79.1800	0.6235	0.5542	0.3072	(127)
REG	2.	CENTRAL VALLEY	121.5100	0.8679	0.7809	0.6098	(140)
REG	3.	SOUTH COAST	144.7400	0.8224	1.2827	1.6452	(176)

Total cases = 449
Missing cases = 6 or 1.3%

LABELS - 2CYC
File TYP2 (Creation date = 14-Oct-82) CA UTILITY EQUIP. USE : 1981-1982

DESCRIPTION OF SUBPOPULATIONS

Criterion variable A7 NO. OF HOURS RUN EQUIPMENT PER USE
Broken down by REG REGION OF THE STATE

Variable	Code	Value label	Sum	Mean	Std dev	Variance	N
For entire population			209.0700	0.8430	1.0230	1.0465	(248)
REG	1.	BAY AREA	55.2800	0.7470	1.3706	1.8795	(74)
REG	2.	CENTRAL VALLEY	77.6000	0.8527	0.8472	0.7177	(91)
REG	3.	SOUTH COAST	76.1900	0.9190	0.8234	0.6781	(83)

Total cases = 255
Missing cases = 7 or 2.7%

TILLEPS
File TYP2 (Creation date = 14-Oct-82) CA UTILITY EQUIP. USE : 1981-1982

- DESCRIPTION OF SUBPOPULATIONS - - - - - - - - - - - - - - - - - -

Criterion variable A7 NO. OF HOURS RUN EQUIPMENT PER USE
broken down by REG REGION OF THE STATE

- -

Variable	Code	Value label	Sum	Mean	Std dev	Variance	N
For entire population			155.9700	1.6615	1.2265	1.5042	(67)
REG	1.	BAY AREA	39.0700	1.3466	0.9741	0.9489	(29)
REG	2.	CENTRAL VALLEY	72.5900	1.6950	1.3464	1.8126	(43)
REG	3.	SOUTH COAST	24.4300	1.6280	1.3252	1.7561	(15)

Total cases = 92
Missing cases = 5 of 5.4%

File TYP2 (Creation date = 11-Oct-82) CA UTILITY EQUIP. USE : 1981-1982

DESCRIPTION OF SUBPOPULATIONS

Criterion variable A7 NO. OF HOURS EQU EQUIPMENT PER USE
Broken down by REG REGION OF THE STATE

Variable	Code	Value Label	Sum	Mean	Std dev	Variance	N
For entire population			50.2300	0.4630	0.4356	0.1898	(104)
REG	1.	NOR AREA	2.1000	0.3000	0.2062	0.0425	(7)
REG	2.	CENTRAL VALLEY	19.5100	0.4434	0.4062	0.1650	(41)
REG	3.	SOUTH COAST	28.6800	0.5411	0.4746	0.2252	(53)

Total cases = 112
Missing cases = 8 or 7.1%

TRIMFRQ

File TYP2 (Creation date = 14-Oct-82) CA UTILITY EQUIP. USE : 1981-1982

- DESCRIPTION OF SUBPOPULATIONS - - - - - - - - - - - - - - - - - -

Criterion variable AT NO. OF HOURS RUN EQUIPMENT PER USE

broken down by REG REGION OF THE STATE

Variable	Code	Value label	Sum	Mean	Std dev	Variance	N
For entire population			19.5300	0.8491	0.5862	0.3437	(23)
REG	1.	BAY AREA	2.4500	0.6125	0.3425	0.1173	(4)
REG	2.	CENTRAL VALLEY	10.5500	0.8792	0.5279	0.2789	(12)
REG	3.	SOUTH COAST	6.5300	0.9329	0.8028	0.6446	(7)

Total cases = 24

Missing cases = 1 or 4.2%

CALIF. UTILITY EQUIPMENT USAGE SURVEY -- CIC RESEARCH, INC. [illegible]
CHAINSAWS
File TYP2 (Creation date = 14-Oct-82) CA UTILITY EQUIP. USE : 1981-1982

- DESCRIPTIONS OF SUBPOPULATIONS -

Criterion variable 47 NO. OF HOURS SAW EQUIPMENT PER WK
Broken down by REG REGION OF THE STATE

Variable	Code	Value label	Sum	Mean	Std dev	Variance	N
For entire population			415.6300	2.3220	1.9966	3.9864	(179)
REG	1.	BAY AREA	103.6500	1.8061	1.5672	2.4560	(57)
REG	2.	CENTRAL VALLEY	222.7000	2.8922	2.2654	5.2230	(77)
REG	3.	SOUTH COAST	84.2300	1.8729	1.7263	2.9802	(45)

Total cases = 196
Missing cases = 17 or 8.7%

194

File TYP2 (Creation date = 14-Oct-82) CA UTILITY EQUIP. USE : [illegible]

DESCRIPTION OF SUBPOPULATIONS

Criterion variable 47 NO. OF HOURS FOR EQUIPMENT PER USE
Broken down by A2 EQUIPMENT TYPE

Variable	Code	Value label	Sum	Mean	Std dev	Variance	N
A2	0.		0.0000	0.0000	0.0000	0.0000	(3)
A2	1.	LAWNMOWER-WALKING	570.5000	0.8104	1.0416	1.0850	(704)
A2	2.	LAWNMOWER-RIDING	17.5000	1.3462	0.8693	0.7556	(13)
A2	3.	TILLLER	135.9700	1.5629	1.2265	1.5042	(87)
A2	4.	GARDEN TRACTOR	32.0000	2.0000	1.3904	1.9333	(16)
A2	5.	BLOWER	7.0500	0.7050	0.5330	0.2841	(10)
A2	6.	EDGERS	50.2900	0.4636	0.4356	0.1898	(104)
A2	7.	TRIMMERS	19.8300	0.8491	0.5862	0.3437	(23)
A2	8.	SHREDDERS	26.7500	2.4318	2.3078	5.3261	(11)
A2	9.	VACUUMS	14.4100	1.6011	2.0127	4.0508	(9)
A2	12.	CHAIN SAW	415.8300	2.3220	1.9966	3.9864	(179)
A2	13.	AIR COMPRESSOR	29.2700	3.6588	6.7829	45.9959	(8)
A2	14.	ELECTRIC GENERATOR	87.1000	5.4437	12.2993	151.2720	(16)

Total cases = 1240
Missing cases = 57 or 4.6%

File TYP2 (Creation date = 14-Oct-92) CA UTILITY EQUIP. USE : 1981-1992

* * * * * * * * * * * * * * * * * * * C R O S S T A B U L A T I O N O F * * * * * * * * * * * * * * * * * * *
A11 TAU OF FOUR CYCLE by REG REGION OF THE STATE
* Page 1 of 1

A11	Count / Row % / Col % / Total %	REG: BAY AREA 1.	CENTRAL VALLEY 2.	SOUTH CO AST 3.	Row Total
	-1.	0 0.0 0.0 0.0	1 100.0 2.3 1.1	0 0.0 0.0 0.0	1 1.1
FOUR CYCLES	1.	21 35.0 65.5 22.8	26 43.3 60.5 28.3	13 21.7 76.5 14.1	60 65.2
TWO CYCLES	2.	7 26.9 21.9 7.6	16 61.5 37.2 17.4	3 11.5 17.6 3.3	26 28.3
DK-REFUSED	9.	4 80.0 12.5 4.3	0 0.0 0.0 0.0	1 20.0 5.9 1.1	5 5.4
	Column Total	32 34.8	43 46.7	17 18.5	92 100.0

196

EDGERS
File TYP2 (Creation date = 14-Oct-82) CA UTILITY EQUIP. USE : 1981-1982

* * * * * C R O S S T A B U L A T I O N O F * * * * *
All TWO OR FOUR CYCLE by REG REGION OF THE STATE

All	Count / Row % / Col % / Total %	BAY AREA 1.	CENTRAL VALLEY 2.	SOUTH COAST 3.	Row Total
FOUR CYCLES	1.	6	26	37	69
		8.7	37.7	53.6	61.6
		60.0	56.5	66.1	
		5.4	23.2	33.0	
TWO CYCLES	2.	3	20	17	40
		7.5	50.0	42.5	35.7
		30.0	43.5	30.4	
		2.7	17.9	15.2	
DK-REFUSED	9.	1	0	2	3
		33.3	0.0	66.7	2.7
		10.0	0.0	3.6	
		0.9	0.0	1.8	
Column Total		10	46	56	112
		8.9	41.1	50.0	100.0

197

CHAINSAWS
File TYP2 (Creation date = 11-Oct-82) CA UTILITY EQUIP. USE : 1981-1982

* C R O S S T A B U L A T I O N O F *
All TWO OR FOUR CYCLE by REG REGION OF THE STATE
* Page 1 of 1

REG — Count / Row % / Col % / Total %		BAY AREA 1.	CENTRAL VALLEY 2.	SOUTH COAST 3.	Row Total
All					
FOUR CYCLES	1.	3	5	2	10
		30.0	50.0	20.0	5.1
		5.0	6.0	3.8	
		1.5	2.6	1.0	
TWO CYCLES	2.	53	77	48	178
		29.8	43.3	27.0	90.8
		88.3	92.8	90.6	
		27.0	39.3	24.5	
DK-REFUSED	9.	4	1	3	8
		50.0	12.5	37.5	4.1
		6.7	1.2	5.7	
		2.0	0.5	1.5	
Column Total		60	83	53	196
		30.6	42.3	27.0	100.0

198

File TYP2 (Creation date = 14-Oct-82) CA UTILITY EQUIP. USE : 1981-1982

* C R O S S T A B U L A T I O N O F *
A11 TWO OR FOUR CYCLE by A2 EQUIPMENT TYPE
* Page 1 of 2

A11 \ A2	Count / Row % / Col % / Total %	0.	LAWNMOWER-WALKING 1.	LAWNMOWER-RIDING 2.	TILLER 3.	GARDEN TRACTOR 4.	BLOWER 5.	EDGERS 6.	TRIMMERS 7.	SHREDDERS 8.	9.	Row Total
	-1.	0	0	0	1	0	0	0	0	0	0	1
		0.0	0.0	0.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
		0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	
		0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	
	0.	3	0	0	0	0	0	0	0	0	0	3
		100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
		100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
		0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
FOUR CYCLES	1.	0	449	8	60	12	2	69	5	8	5	646
		0.0	69.5	1.2	9.3	1.9	0.3	10.7	0.8	1.2	0.8	52.1
		0.0	62.3	61.5	65.2	63.2	18.2	61.6	20.8	61.5	55.6	
		0.0	36.2	0.6	4.8	1.0	0.2	5.6	0.4	0.6	0.4	
TWO CYCLES	2.	0	255	5	26	3	8	40	17	3	4	544
		0.0	46.9	0.9	4.8	0.6	1.5	7.4	3.1	0.6	0.7	43.9
		0.0	35.4	38.5	28.3	15.8	72.7	35.7	70.8	23.1	44.4	
		0.0	20.6	0.4	2.1	0.2	0.6	3.2	1.4	0.2	0.3	
DK-REFUSED	9.	0	17	0	5	4	1	3	2	2	0	46
		0.0	37.0	0.0	10.9	8.7	2.2	6.5	4.3	4.3	0.0	3.7
		0.0	2.4	0.0	5.4	21.1	9.1	2.7	8.3	15.4	0.0	
		0.0	1.4	0.0	0.4	0.3	0.1	0.2	0.2	0.2	0.0	
	Column Total	3	721	13	92	19	11	112	24	13	9	1240
		0.2	58.1	1.0	7.4	1.5	0.9	9.0	1.9	1.0	0.7	100.0

(Continued)

File TYP2 (Creation date = 14-Oct-82) CA UTILITY EQUIP. USE : 1981-1982

* C R O S S T A B U L A T I O N O F *
All TWO OR FOUR CYCLE by A2 EQUIPMENT TYPE

	A2			
Count / Row % / Col % / Total %	CHAIN SA	AIR COMP	ELECTRIC	Row Total
	12.	RESSOR 13.	GENERAT 14.	
All				
-1.	0	0	0	1
	0.0	0.0	0.0	0.1
	0.0	0.0	0.0	
	0.0	0.0	0.0	
0.	0	0	0	3
	0.0	0.0	0.0	0.2
	0.0	0.0	0.0	
	0.0	0.0	0.0	
1.	10	7	11	646
FOUR CYCLES	1.5	1.1	1.7	52.1
	5.1	87.5	57.9	
	0.8	0.6	0.9	
2.	176	0	5	544
TWO CYCLES	32.7	0.0	0.9	43.9
	90.8	0.0	26.3	
	14.4	0.0	0.4	
9.	8	1	3	46
DK-REFUSED	17.4	2.2	6.5	3.7
	4.1	12.5	15.8	
	0.6	0.1	0.2	
Column Total	196	8	19	1240
	15.8	0.6	1.5	100.0

200

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

Criterion variable A11 CAPACITY OF FUEL TANK IN QUARTS
broken down by REG REGION OF THE STATE

Variable	Code	Value label	Sum	Mean	Std dev	Variance	N
For entire population			712.3300	1.7988	1.4923	2.2271	(396)
REG	1.	BAY AREA	230.0000	2.0175	1.7636	3.1103	(114)
REG	2.	CENTRAL VALLEY	200.3500	1.6289	1.3128	1.7233	(123)
REG	3.	SOUTH COAST	281.9800	1.7735	1.3982	1.9549	(159)

Total cases = 449
Missing cases = 53 or 11.8%

201

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

Criterion variable A14 CAPACITY OF FUEL TANK IN QUARTS
broken down by REG REGION OF THE STATE

Variable	Code	Value label	Sum	Mean	Std dev	Variance	N
For entire population			427.1000	1.8651	1.7191	2.9552	(229)
REG	1.	BAY AREA	167.7500	2.2979	2.4898	6.1991	(73)
REG	2.	CENTRAL VALLEY	129.8500	1.6647	1.1986	1.4367	(78)
REG	3.	SOUTH COAST	129.5000	1.6603	1.1209	1.2565	(78)

Total cases = 255
Missing cases = 26 or 10.2%

202

DESCRIPTION OF SUBPOPULATIONS

Criterion variable 414 CAPACITY OF TRACTOR IN HORSEPOWER
Broken down by REG REGION OF THE STATE

Variable	Code	Value label	Sum	Mean	Std dev	Variance	N
For entire population			233.6100	2.8741	1.9367	3.7508	(82)
REG	1.	BAY AREA	83.6000	2.8828	1.4168	2.0129	(29)
REG	2.	CENTRAL VALLEY	114.0300	3.0021	2.2697	5.1311	(38)
REG	3.	SOUTH COAST	38.0000	2.5333	1.9863	3.9452	(15)

Total cases = 92
Missing cases = 10 or 10.9%

EDCFRS

File TYP2 (Creation date = 14-Oct-82) CA UTILITY EQUIP. USE : 1981-1982

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

Criterion variable AI4 CAPACITY OF FULL TIME EMPLOYEES

Broken down by REG REGION OF THE STATE

Variable	Code	Value label	Sum	Mean	Std dev	Variance		N
For entire population			144.0500	1.4551	1.5026	2.2579	(	99)
REG	1.	BAY AREA	9.5000	1.1875	0.5939	0.3527	(	8)
REG	2.	CENTRAL VALLEY	64.2500	1.5298	1.4797	2.1896	(	42)
REG	3.	SOUTH COAST	70.3000	1.4347	1.6243	2.6710	(	49)

Total cases = 112

Missing cases = 13 or 11.6%

TRIMMERS
File TYP2 (Creation date = 14-Oct-82) CA UTILITY EQUIP. USE : 1981-1982

- DESCRIPTION OF SUBPOPULATIONS - - - - - - - - - - - - - - - - - -

Criterion variable A14 CAPACITY OF FUEL TANK IN QUARTS
broken down by REG REGION OF THE STATE

- -

Variable	Code	Value label	Sum	Mean	Std dev	Variance	N
For entire population			24.0000	1.3333	1.5243	2.3235	(18)
REG	1.	BAY AREA	2.0000	0.5000	0.0000	0.0000	(4)
REG	2.	CENTRAL VALLEY	15.0000	1.6667	1.8371	3.3750	(9)
REG	3.	SOUTH COAST	7.0000	1.4000	1.4742	2.1750	(5)

Total cases = 24
Missing cases = 6 or 25.0%

File TYP2 (Creation date = 14-Oct-82) CA UTILITY EQUIP. USE : 1981-1982

DESCRIPTION OF SUBPOPULATIONS

Criterion variable A14 CAPACITY OF FUEL TANK IN QUARTS
broken down by A2 EQUIPMENT TYPE

Variable	Code	Value label	Sum	Mean	Std dev	Variance		N
A2	0.		0.0000	0.0000	0.0000	0.0000	(	3)
A2	1.	LAWNMOWER-WALKING	1151.9300	1.8256	1.5770	2.4869	(	631)
A2	2.	LAWNMOWER-RIDING	67.0000	5.5833	6.0821	36.9924	(	12)
A2	3.	TILLER	235.0800	2.8741	1.9367	3.7508	(	82)
A2	4.	GARDEN TRACTOR	165.0000	11.0000	12.6548	160.1429	(	15)
A2	5.	BLOWER	26.5000	2.6500	2.3576	5.5583	(	10)
A2	6.	EDGER	141.0500	1.4551	1.5026	2.2579	(	99)
A2	7.	TRIMMER	21.0000	1.3333	1.5243	2.3235	(	16)
A2	8.	SHREDDER	32.0000	2.9091	2.0226	4.0909	(	11)
A2	9.	VACUUM	10.5000	1.3125	0.7950	0.6384	(	8)
A2	12.	CHAIN SAW	208.7500	1.2729	2.9142	8.4926	(	164)
A2	13.	AIR COMPRESSOR	24.0000	4.8000	4.9699	24.7000	(	5)
A2	14.	ELECTRIC GENERATOR	77.0000	5.1333	6.2663	39.2667	(	15)

Total cases = 1240
Missing cases = 167 or 13.5%

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File TYP2 (Creation date = 14-Oct-82) CA UTILITY EQUIP. USE : 1981-1982

DESCRIPTION OF SUBPOPULATIONS

Criterion variable A15 NO. OF TIMES TANK IS FILLED PER YEAR
broken down by A2 EQUIPMENT TYPE

Variable	Code	Value label	Sum	Mean	Std dev	Variance	N
A2	0.		0.0000	0.0000	0.0000	0.0000	(3)
A2	1.	LAWNMOWER-WALKING	10774.6400	18.5770	18.5779	343.6554	(580)
A2	2.	LAWNMOWER-RIDING	213.0000	21.3000	19.4311	377.5667	(10)
A2	3.	TILLER	677.0200	10.2579	18.5133	342.7417	(66)
A2	4.	GARDEN TRACTOR	195.0000	16.2167	19.7044	388.2652	(12)
A2	5.	BLOWER	87.0000	10.8750	6.4017	40.9821	(8)
A2	6.	EDGERS	1196.6700	13.2963	21.3469	455.7735	(90)
A2	7.	TRIMMERS	575.4000	10.7579	24.1128	581.4248	(19)
A2	8.	SHREDDERS	122.0000	12.2000	14.7934	218.8444	(10)
A2	9.	VACUUMS	90.0000	10.0000	6.6521	44.2500	(9)
A2	12.	CHAIN SAW	2445.0000	18.9535	29.0420	843.4353	(129)
A2	13.	AIR COMPRESSOR	13.0000	3.2500	5.6529	34.2500	(4)
A2	14.	ELECTRIC GENERATOR	60.0000	6.0000	9.2256	85.1111	(10)

Total cases = 1240
Missing cases = 290 or 22.4%

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