February 28, 1984

MEMO TO: NES Board

FROM: Giovanna Morchio, Maria Sanchez

RE: Creation of a filter variable to be used when

           analyzing questions about congressional

           candidates in the 1982 integrated personal/ISR

           CATI/Berkeley, CATI data set

        A filter variable (V950) has been constructed to retrieve the

personal and ISR/CATI parts of the data set, and exclude the Berkeley

portion for analyses centering on congressional candidates. Berkeley's

C. D. assignment procedure resulted in a distorted distribution (see

tables 1, 2). In the Berkeley data all respondents whose C. D. were

never assigned are part of clusters where more than one C. D. was

possible. Furthermore these unassigned cases represent 28% of the

respondents inteviewed in this type of cluster, (multi-district)

against 14% for the comparable ISR/CATI group. These multi-district

Berkeley respondents with unassigned districts lack substantive

information about congressional candidates obtained for comparable

cases in the ISR/CATI. For this reason, the filter variable was

constructed to exclude Berkeley data cases.

        In constructing V950, personal data cases were subjected to a

simulation of the ISR/CATI routine which assigned telephone respondents

to congressional districts. In this fashion, the ISR/CATI and personal

samples were rendered as equivalent as possible for analyses of

congressional candidate questions. Personal respondents residing in households without telephones have been scored a "missing data" value in V950 along with Berkeley/CATI data cases.

V950 is coded as follows:

1. Respondent assigned to correct district and CO2AA (recall series) for personal respondents with telephone and ISR/CATI respondents.

2. Respondent assigned to district at CO5Q-CO5Y (recognition series) for personal respondents with telephone. ISR/CATI respondents assigned to correct district in CO5Q-CO5Y or at D2 (explicit clarification question).

3. C. D. never assigned (on recall or recognition), or respondent self-assigned him/herself to wrong district during ISR/CATI interview administration.

9. Washington, D. C.

0. Personal respondents without a telephone; Berkeley respondents.

Table 1

V5 # of Possible Districts in Telephone Sample Cluster

V132, QD3, Congressional District Assignment
(not corrected for accuracy of R's self-assignment to CD)

CATI/ISR

V132/V5		0	One Dist. 1	Two Dist. 2	Three Dist. 3
Recall	1		70n 30.7%	44 27%	22 22%
Recognition	2		108 47.4%	39 23.9%	19 19.4%
CD chosen at D2	3			56 34.4%	45 45.9%
DK to D2	4			6 3.7%	10 10.2%
CD never assigned	5		50 21.9%	18 11%	2 2%
Washington, D. C.	9	8n			
		8	228	163	98 497

Table 2

V5 # of possible districts in telephone sample cluster

V132, QD3 congressional district assignment
(not corrected for accuracy of R's self-assignment to CD)

Berkeley/CATI

V132/V5	0	One possible district 1	2 CD 2	3 CD 3
Recall 1		234n 100%	37 24.5%	20 18.9%
Recognition 2			3 2%	2 1.9%
CD chosen at D2 3			76 50.3%	46 43.4%
DK to D2 4			35 23.2%	38 35.8%
CD never assigned 5				
Washington, DC 9	10			
	10	234	151	106

501

Table 3

| Variable | V3 | 82 T&P | Type of Int |
| Strata (Row) | V950 | Filter: Cong Dist Cand | |

		Personal 1	ISR 2	Berkeley 3	Totals Revised	

R self-assigned to
right district at:

		Personal 1	ISR 2	Berkeley 3	Totals Revised	
Berkeley, personal	0	77	0	501	578	0
without phone	%	0.0	0.0	0.0	0.0	
Recall	1	484	123	0	607	607
	%	36.2	25.2	0.0	33.2	
Recognition	2	607	215	0	822	822
D2	%	45.4	44.0	0.0	45.0	
Never assigned or R Self-assigned to wrong district	3	247	151	0	398	398
	%	18.5	30.9	0.0	21.8	
Washington, DC	9	3	8	0	11	0
	%	0.0	0.0	0.0		
Totals		1,418	497	501	2,416	1,827
Revised		1,338	489	0	1,827	
Col. %		100.0	100.0	0.0	100.0	

Degrees of Freedom   2

| Chi-square | 38.60 | Probability 0.00 |
| Likelihood Ratio (G-square) | 37.59 | Probability 0.00 |

Cramer's V 0.15   Contingency coefficient 0.14

Table 3 shows the distribution of the filter variable for the
personal and CATI samples. The personal and ISR/CATI samples show a
difference of approximately 11% for categories 1 and 3. This
difference is beyond sampling error at the .05 probability level.

The subset of personal and telephone respondents defined by

categories 1 and 2 in the filter variable were subsequently analyzed to establish whether the two groups were comparable. In the analysis, we compared the personal and ISR/CATI subsamples by means of chi-square statistics with regard to basic demographic variables and a selected number of variables from the section on congressional candidates.

Table 4 shows that the two groups do not differ significantly with regard to age, marital status, sex, education and belonging or not to a union. However, income and race differ significantly across the samples.

Table 5 documents a strong similarity between the two samples for most of the "like and dislike candidate" questions, "the liberal/conservative" placement scales, "party ID," "vote," "registered Democratic or Republican," "participation in the election to the House of Representatives," "whom did you vote for in 1982" and "political interest." Variables like "coming into contact with Democratic or Republican Representative" (both for districts with one incumbent or two incumbents running), and "aid to minorities self-placement" show a significantly different distribution acoss samples.

The group of personal respondents obtained in the filter variable simulation is less affluent, has more blacks, is more willing to endorse the idea that minorities should help themselves, and views the Democratic House candidate more favorably than the corresponding telephone group.

This constellation of differences led us to explore the possibility that the personal subsample had a disproportionate representation of southern residents in comparison to the telephone subsample. This is, indeed the case as documented below.

Table 6

Distribution of respondents assigned correctly at recall or
recognition for Personal and ISR.CATI by Region

Variable Strata (Row)		V3 V953	82 T&P Variable	Type of Int R953	
			Personal 1	ISR.CATI 2	Totals
North East	1		199	97	296
Col %			18.2	29.1	20.8
North Central	2		302	88	390
Col %			27.7	26.4	27.4
Region South	3		407	101	508
Col %			37.3	30.3	35.7
West	4		183	47	230
Col %			16.8	14.1	16.2
Totals			1,091	333	1,424
Col %			100.0	100.0	100.0

Degress of Freedom   3

Chi-Square   19.30   Probability 0.00

Likelihood Ratio
 (G-Square)   18.32   Probability 0.00

Cramer's V   0.12   Contingency Coefficient 0.12

In conclusion, the filter variable does not produce Personal and
telephone subsamples which are strictly comparable for the analysis of
congressional questions.

Table 4

Comparison of Personal and ISR.CATI respondents
assigned to correct district for democgraphic variables

		X	Prob.
V733	Age	70.84	.55
V734	Marital status	2.73	.74
V740	Education	5.32	.72
V748	Working status	8.34	.76
V859	Belong to a union	.29	.59
V932	Sex	1.16	.28
V875	Income	17.76	.02
V933	Race	8.98	.03

Table 5

Comparison of Personal and ISR.CATI respondents assigned
to correct district for a selected number of variables

V142	Dislike about Dem. candidate	1.78	.18
V147	Like about Repub. candidate	.47	.49
V152	Dislike about Repub. candidate	.03	.87
V396	Liberal/conservative self-placement	2.78	.84
V404	Liberal/conservative Dem. cand.	4.81	.57
V405	Liberal/conservative Rep. cand.	4.71	.58
V283	Summary Party ID	10.94	.21
V286	Political Interest	2.19	.54
V694	Did you vote	.51	.47
V695	Registered Dem. or Rep.	7.53	.27
V698	Voted in House election	4.05	.26
V699	Who did you vote for in House election	1.78	.62
V137	Like about Dem. candidate	5.09	.02
V165	Contact w. Dem. repres. in CD (1 incumb)	15.63	.00
V175	Contact w. Rep. repres. in CD (1 incumb)	17.69	.00
V259	Contact w. Dem. repres. in CD (2 incumb)	6.08	.01 (n=136)
V269	Contact w. Rep. repres. in CD (2 incumb)	9.13	.00 (n=137)
V418	Aid to minorities self-placement	21.25	.00

C_{A_T}

JAN 20, 1984   COMP FOR CAND DIST VARS

ILLEGAL CHARACTERS IN THE DATA WILL
BE TREATED AS MISSING DATA 1

THE DATA ARE NOT WEIGHTED

THE DATA WERE TRANSFORMED BY RECODE NUMBER 1

1,429 CASES PASSED FILTER

ANALYSIS 1

VARIABLE   V3   82 T&P   :TYPE OF INT
STRATA(ROW) V733 82 T&P(TP):YO1X

Age

		1	2	TOTALS	REVISED
DELETED	0 %				
	Col	2 / 0.0	4 / 0.0	6 / 0.0	0
18	%				
	Col	12 / 1.1	5 / 1.5	17 / 1.2	17
19	%				
	Col	10 / 0.9	4 / 1.2	14 / 1.0	14
20	%				
	Col	14 / 1.3	3 / 0.9	17 / 1.2	17
21	%				
	Col	12 / 1.1	4 / 1.2	16 / 1.1	16
22	%				
	Col	17 / 1.6	8 / 2.4	25 / 1.8	25
23	%				
	Col	21 / 1.9	5 / 1.5	26 / 1.8	26
24	%				
	Col	13 / 1.2	8 / 2.4	21 / 1.5	21
25	%				
	Col	28 / 2.6	5 / 1.5	33 / 2.3	33
26	%				
	Col	25 / 2.3	6 / 1.8	31 / 2.2	31
27	%				
	Col	23 / 2.1	8 / 2.4	31 / 2.2	31
28	%				
	Col	20 / 1.8	11 / 3.3	31 / 2.2	31

	1	2	TOTALS REVISED	
Col 29 %	26 / 2.4	8 / 2.4	34 / 2.4	34
Col 30 %	26 / 2.4	8 / 2.4	34 / 2.4	34
Col 31 %	23 / 2.1	9 / 2.7	32 / 2.2	32
Col 32 %	23 / 2.1	7 / 2.1	30 / 2.1	30
Col 33 %	27 / 2.5	6 / 1.8	33 / 2.3	33
Col 34 %	28 / 2.6	8 / 2.4	36 / 2.5	36
Col 35 %	35 / 3.2	15 / 4.5	50 / 3.5	50
Col 36 %	33 / 3.0	10 / 3.0	43 / 3.0	43
Col 37 %	17 / 1.6	9 / 2.7	26 / 1.8	26
Col 38 %	23 / 2.1	8 / 2.4	31 / 2.2	31
Col 39 %	23 / 2.1	5 / 1.5	28 / 2.0	28
Col 40 %	20 / 1.8	4 / 1.2	24 / 1.7	24
Col 41 %	24 / 2.2	5 / 1.5	29 / 2.0	29
Col 42 %	14 / 1.3	8 / 2.4	22 / 1.5	22
Col 43 %	7 / 0.6	8 / 2.4	15 / 1.1	15
Col 44 %	18 / 1.7	6 / 1.8	24 / 1.7	24
Col 45 %	14 / 1.3	1 / 0.3	15 / 1.1	15
Col 46 %	15 / 1.4	6 / 1.8	21 / 1.5	21

	1	2	TOTALS	REVISED
47 Col %	15 1.4	4 1.2	19 1.3	19
48 Col %	10 0.9	6 1.8	16 1.1	16
49 Col %	14 1.3	5 1.5	19 1.3	19
50 Col %	10 0.9	4 1.2	14 1.0	14
51 Col %	12 1.1	7 2.1	19 1.3	19
52 Col %	13 1.2	4 1.2	17 1.2	17
53 Col %	17 1.6	3 0.9	20 1.4	20
54 Col %	16 1.5	2 0.6	18 1.3	18
55 Col %	16 1.5	6 1.8	22 1.5	22
56 Col %	18 1.7	6 1.8	24 1.7	24
57 Col %	17 1.6	8 2.4	25 1.8	25
58 Col %	18 1.7	5 1.5	23 1.6	23
59 Col %	19 1.7	2 0.6	21 1.5	21
60 Col %	18 1.7	5 1.5	23 1.6	23
61 Col %	17 1.6	5 1.5	22 1.5	22
62 Col %	18 1.7	1 0.3	19 1.3	19
63 Col %	16 1.5	4 1.2	20 1.4	20
64 Col %	23 2.1	3 0.9	26 1.8	26

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	1		2		TOTALS	REVISED
Col 65 %	19	1.7	6	1.8	25 1.8	25
Col 66 %	20	1.8	8	2.4	28 2.0	28
Col 67 %	13	1.2	0	0.0	13 0.9	13
Col 68 %	12	1.1	6	1.8	18 1.3	18
Col 69 %	19	1.7	1	0.3	20 1.4	20
Col 70 %	12	1.1	7	2.1	19 1.3	19
Col 71 %	23	2.1	2	0.6	25 1.8	25
Col 72 %	9	0.8	5	1.5	14 1.0	14
Col 73 %	14	1.3	4	1.2	18 1.3	18
Col 74 %	7	0.6	4	1.2	11 0.8	11
Col 75 %	8	0.7	3	0.9	11 0.8	11
Col 76 %	5	0.5	1	0.3	6 0.4	6
Col 77 %	7	0.6	0	0.0	7 0.5	7
Col 78 %	12	1.1	5	1.5	17 1.2	17
Col 79 %	6	0.6	0	0.0	6 0.4	6
Col 80 %	4	0.4	0	0.0	4 0.3	4
Col 81 %	1	0.1	0	0.0	1 0.1	1
Col 82 %	3	0.3	0	0.0	3 0.2	3

		1	2	TOTALS	REVISED
83		2	0	2	2
Col	%	0.2	0.0	0.1	
84		3	2	5	5
Col	%	0.3	0.6	0.4	
85		3	2	5	5
Col	%	0.3	0.6	0.4	
86		1	0	1	1
Col	%	0.1	0.0	0.1	
87		3	0	3	3
Col	%	0.3	0.0	0.2	
88		1	0	1	1
Col	%	0.1	0.0	0.1	
89		2	0	2	2
Col	%	0.2	0.0	0.1	
91		1	0	1	1
Col	%	0.1	0.0	0.1	
94		1	0	1	1
Col	%	0.1	0.0	0.1	
TOTALS		1,091	338	1,429	1,423
REVISED		1,089	334	1,423	
Col	%	100.0	100.0	100.0	

DEGREES OF FREEDOM   73

CHI-SQUARE   70.84   PROBABILITY 0.55

LIKELIHOOD RATIO
(G-SQUARE)   82.50   PROBABILITY 0.22

CRAMER'S V 0.22   CONTINGENCY COEFFICIENT 0.22

ANALYSIS 2

VARIABLE   V3   82 T&P   :TYPE OF INT
STRATA(ROW)   V734   82 T&P   :YO2

Mental Status (handwritten)

		1	2	TOTALS	REVISED
DELETED	Col 0	0	14	14	0
	%	0.0	0.0	0.0	
	Col 1	674	205	879	879
	%	61.9	63.3	62.2	
	Col 2	158	54	212	212
	%	14.5	16.7	15.0	
	Col 3	93	26	119	119
	%	8.5	8.0	8.4	
	Col 4	36	10	46	46
	%	3.3	3.1	3.3	
	Col 5	119	27	146	146
	%	10.9	8.3	10.3	
	Col 7	9	2	11	11
	%	0.8	0.6	0.8	
DELETED	Col 9	2	0	2	0
	%	0.0	0.0	0.0	
TOTALS		1,091	338	1,429	1,413
REVISED		1,089	324	1,413	
	Col %	100.0	100.0	100.0	

DEGREES OF FREEDOM   5

CHI-SQUARE   2.73   PROBABILITY 0.74

LIKELIHOOD RATIO
(G-SQUARE)   2.73   PROBABILITY 0.74

CRAMER'S V   0.04   CONTINGENCY COEFFICIENT 0.04

ANALYSIS 3

VARIABLE   V3   82 T&P   :TYPE OF INT
STRATA(ROW)   V740   82 T&P(TP):VO3X-R

Education

		1	2	TOTALS	REVISED
Col	1	82	18	100	100
	%	7.5	5.3	7.0	
Col	2	21	3	24	24
	%	1.9	0.9	1.7	
Col	3	88	25	113	113
	%	8.1	7.4	7.9	
Col	4	18	7	25	25
	%	1.7	2.1	1.8	
Col	5	218	70	288	288
	%	20.1	20.8	20.2	
Col	6	157	48	205	205
	%	14.4	14.2	14.4	
Col	8	271	92	363	363
	%	24.9	27.3	25.5	
Col	9	142	41	183	183
	%	13.1	12.2	12.9	
Col	10	90	33	123	123
	%	8.3	9.8	8.6	
DELETED Col	99	4	1	5	0
	%	0.0	0.0	0.0	
TOTALS		1,091	338	1,429	1,424
REVISED		1,087	337	1,424	
Col	%	100.0	100.0	100.0	

DEGREES OF FREEDOM   8

CHI-SQUARE   5.32   PROBABILITY 0.72

LIKELIHOOD RATIO
  (G-SQUARE)   5.57   PROBABILITY 0.70

CRAMER'S V 0.06   CONTINGENCY COEFFICIENT 0.06

ANALYSIS 4

| VARIABLE V3 | 82 T&P | :TYPE OF INT |
| STRATA(ROW) V748 | 82 T&P | :YO4 |

Work Status

		1	2	TOTALS	REVISED
DELETED 0	Col	0	14	14	0
	%	0.0	0.0	0.0	
10	Col	594	198	792	792
	%	54.5	61.3	56.1	
15	Col	10	2	12	12
	%	0.9	0.6	0.8	
17	Col	7	3	10	10
	%	0.6	0.9	0.7	
18	Col	16	1	17	17
	%	1.5	0.3	1.2	
20	Col	8	2	10	10
	%	0.7	0.6	0.7	
40	Col	60	14	74	74
	%	5.5	4.3	5.2	
50	Col	169	39	208	208
	%	15.5	12.1	14.7	
51	Col	4	1	5	5
	%	0.4	0.3	0.4	
60	Col	24	6	30	30
	%	2.2	1.9	2.1	
70	Col	155	44	199	199
	%	14.2	13.6	14.1	
71	Col	13	4	17	17
	%	1.2	1.2	1.2	
80	Col	21	6	27	27
	%	1.9	1.9	1.9	
81	Col	9	3	12	12
	%	0.8	0.9	0.8	
DELETED 99	Col	1	1	2	0
	%	0.0	0.0	0.0	
TOTALS		1,091	338	1,429	1,413
REVISED		1,090	323	1,413	
Col %		100.0	100.0	100.0	

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DEGREES OF FREEDOM   12

CHI-SQUARE   8.34   PROBABILITY 0.76

LIKELIHOOD RATIO
 (G-SQUARE)   9.17   PROBABILITY 0.69

CRAMER'S V 0.08   CONTINGENCY COEFFICIENT 0.08

ANALYSIS 5

Union

VARIABLE V3 STRATA(ROW) V859	82 T&P 82 T&P		:TYPE OF INT :Y50		
	1	2	1	2	TOTALS REVISED
DELETED 0	0	14	0	14	0
Col %	0.0	0.0	0.0	0.0	
1	243	68	311	311	311
Col %	22.5	21.1	22.2		
5	838	255	1,093	1,093	1,093
Col %	77.5	78.9	77.8		
DELETED 8	2	0	2	0	0
Col %	0.0	0.0	0.0		
DELETED 9	8	1	9	0	0
Col %	0.0	0.0	0.0		
TOTALS	1,091	338	1,429	1,404	1,404
REVISED	1,081	323	1,404		
Col %	100.0	100.0	100.0		

DEGREES OF FREEDOM   1

CHI-SQUARE   0.29   PROBABILITY 0.59

YATE'S CORRECTION   0.22   PROBABILITY 0.64

LIKELIHOOD RATIO
 (G-SQUARE)   0.28   PROBABILITY 0.60

CRAMER'S V 0.01   CONTINGENCY COEFFICIENT 0.01

ANALYSIS 6

VARIABLE V3   82 T&P   :TYPE OF INT
STRATA(ROW) V875   82 T&P(TP):Y52X

		1	2	TOTALS	REVISED
Col	1	83	13	96	96
	%	8.5	4.3	7.5	
Col	2	124	29	153	153
	%	12.8	9.5	12.0	
Col	3	129	31	160	160
	%	13.3	10.2	12.5	
Col	4	107	34	141	141
	%	11.0	11.2	11.1	
Col	5	142	40	182	182
	%	14.6	13.2	14.3	
Col	6	87	38	125	125
	%	9.0	12.5	9.8	
Col	7	96	36	132	132
	%	9.9	11.8	10.3	
Col	8	121	51	172	172
	%	12.4	16.8	13.5	
Col	10	83	32	115	115
	%	8.5	10.5	9.0	
DELETED	98	0	20	20	0
Col	%	0.0	0.0	0.0	
DELETED	99	119	14	133	0
Col	%	0.0	0.0	0.0	
TOTALS		1,091	338	1,429	1,276
REVISED		972	304	1,276	
Col	%	100.0	100.0	100.0	

DEGREES OF FREEDOM   8

CHI-SQUARE   17.76   PROBABILITY 0.02

LIKELIHOOD RATIO
(G-SQUARE)   18.21   PROBABILITY 0.02

CRAMER'S V 0.12   CONTINGENCY COEFFICIENT 0.12

ANALYSIS 7

VARIABLE   V3   82 T&P   :TYPE OF INT
STRATA(ROW) V893   82 T (P):Y55

Religion

		1	2	TOTALS	REVISED
DELETED	0 Col	1,091	14	.105	0
	%	0.0	0.0	0.0	
	1 Col	0	196	196	196
	%	0.0	65.8	65.8	
	2 Col	0	84	84	84
	%	0.0	28.2	28.2	
	3 Col	0	10	10	10
	%	0.0	3.4	3.4	
	4 Col	0	2	2	2
	%	0.0	0.7	0.7	
	6 Col	0	2	2	2
	%	0.0	0.7	0.7	
	7 Col	0	2	2	2
	%	0.0	0.7	0.7	
	8 Col	0	2	2	2
	%	0.0	0.7	0.7	
DELETED	9 Col	0	26	26	0
	%	0.0	0.0	0.0	
TOTALS		1,091	338	1,429	298
REVISED		0	298	298	
Col %		0.0	100.0	100.0	

***** CHI-SQUARE IMPOSSIBLE

ANALYSIS 8

Sex

VARIABLE   V3   82 T&P   :TYPE OF INT
STRATA(ROW)   V932 82 T&P   :ZO1

		1	2	TOTALS
Col	1	485	139	624
	%	44.5	41.1	43.7
Col	2	606	199	805
	%	55.5	58.9	56.3
TOTALS		1,091	338	1,429
	Col %	100.0	100.0	100.0

DEGREES OF FREEDOM   1

CHI-SQUARE   1.16   PROBABILITY 0.28

YATE'S CORRECTION   1.03   PROBABILITY 0.31

LIKELIHOOD RATIO
(G-SQUARE)   1.15   PROBABILITY 0.28

CRAMER'S V 0.03   CONTINGENCY COEFFICIENT 0.03

ANALYSIS 9

Race

VARIABLE   V3   82 T&P   :TYPE OF INT
STRATA(ROW)   V933 82 T&P   :ZO2

		1	2	TOTALS	REVISED
Col	1	987	316	1,303	1,303
	%	90.7	93.8	91.4	
Col	2	93	15	108	108
	%	8.5	4.5	7.6	
Col	3	2	2	4	4
	%	0.2	0.6	0.3	
Col	4	6	4	10	10
	%	0.6	1.2	0.7	
DELETED	9	3	1	4	0
	Col %	0.0	0.0	0.0	
TOTALS		1,091	338	1,429	1,425
REVISED		1,088	337	1,425	
	Col %	100.0	100.0	100.0	

JAN 20. 984   COMP FOR CAND DIST VARS

DEGREES OF FREEDOM   3

CHI-SQUARE   8.98   PROBABILITY 0.03

LIKELIHOOD RATIO
(G-SQUARE)   9.25   PROBABILITY 0.03

CRAMER'S V 0.08   CONTINGENCY COEFFICIENT 0.08

Like about Dem Cand

ANALYSIS 10

VARIABLE   V3   82 T&P   :TYPE OF INT
STRATA(ROW) V137 82 T&P   :EO1

		1	2	TOTALS	REVISED
DELETED	0	56	15	71	0
	Col %	0.0	0.0	0.0	
	1	417	126	543	543
	Col %	57.0	48.8	54.8	
	5	315	132	447	447
	Col %	43.0	51.2	45.2	
DELETED	7	236	53	289	0
	Col %	0.0	0.0	0.0	
DELETED	8	62	8	70	0
	Col %	0.0	0.0	0.0	
DELETED	9	5	4	9	0
	Col %	0.0	0.0	0.0	
TOTALS		1,091	338	1,429	990
REVISED		732	258	990	
Col %		100.0	100.0	100.0	

DEGREES OF FREEDOM   1

CHI-SQUARE   5.09   PROBABILITY 0.02

YATE'S CORRECTION   4.77   PROBABILITY 0.03

LIKELIHOOD RATIO
(G-SQUARE)   5.06   PROBABILITY 0.02

CRAMER'S V 0.07   CONTINGENCY COEFFICIENT 0.07

ANALYSIS 11

VARIABLE   V3   82 T&P   :TYPE OF INT
STRATA(ROW) V142   82 T&P   :E02

Dislike about Dem Cand

		1	2	TOTALS	REVISED
DELETED	0	292	68	360	0
	Col %	0.0	0.0	0.0	
	1	169	47	216	216
	Col %	22.6	18.6	21.6	
	5	580	206	786	786
	Col %	77.4	81.4	78.4	
DELETED	8	43	13	56	0
	Col %	0.0	0.0	0.0	
DELETED	9	7	4	11	0
	Col %	0.0	0.0	0.0	
TOTALS		1,091	338	1,429	1,002
REVISED		749	253	1,002	
Col %		100.0	100.0	100.0	

DEGREES OF FREEDOM   1

CHI-SQUARE   1.78   PROBABILITY 0.18

YATE'S CORRECTION   1.55   PROBABILITY 0.21

LIKELIHOOD RATIO
  (G-SQUARE)   1.79   PROBABILITY 0.18

CRAMER'S V 0.04 CONTINGENCY COEFFICIENT 0.04

ANALYSIS 12

VARIABLE   V3   82 T&P   :TYPE OF INT
STRATA(ROW)   V147 82 T&P   :EO3

Like about Rep. Cand

		1	2	TOTALS	REVISED
DELETED 0		139	38	177	0
	%	0.0	0.0	0.0	
1		336	110	446	446
	%	50.5	47.8	49.8	
5		330	120	450	450
	%	49.5	52.2	50.2	
DELETED 7		210	53	263	0
	%	0.0	0.0	0.0	
DELETED 8		73	13	86	0
	%	0.0	0.0	0.0	
DELETED 9		3	4	7	0
	%	0.0	0.0	0.0	
TOTALS		1,091	338	1,429	896
REVISED		666	230	896	
Col	%	100.0	100.0	100.0	

DEGREES OF FREEDOM   1

CHI-SQUARE   0.47   PROBABILITY 0.49

YATE'S CORRECTION   0.37   PROBABILITY 0.54

LIKELIHOOD RATIO
  (G-SQUARE)   0.46   PROBABILITY 0.50

CRAMER'S V 0.02   CONTINGENCY COEFFICIENT 0.02

ANALYSIS 13

VARIABLE   V3   82 T&P   :TYPE OF INT
STRATA(ROW) V152   82 T&P   :E04

Dislike about Rep cand

		1	2	TOTALS	REVISED
DELETED	0	349	91	440	0
	Col %	0.0	0.0	0.0	
	1	161	56	217	217
	Col %	23.4	23.9	23.5	
	5	527	178	705	705
	Col %	76.6	76.1	76.5	
DELETED	8	50	9	59	0
	Col %	0.0	0.0	0.0	
DELETED	9	4	4	8	0
	Col %	0.0	0.0	0.0	
TOTALS		1,091	338	1,429	922
REVISED		688	234	922	
Col %		100.0	100.0	100.0	

DEGREES OF FREEDOM   1

CHI-SQUARE   0.03   PROBABILITY 0.87

YATE'S CORRECTION   0.01   PROBABILITY 0.94

LIKELIHOOD RATIO
   (G-SQUARE)   0.02   PROBABILITY 0.89

CRAMER'S V 0.01   CONTINGENCY COEFFICIENT 0.00

ANALYSIS 14

Liberal/Conserv self-placement

| VARIABLE | V3 | 82 T&P | :TYPE OF INT |
| STRATA(ROW) | V396 | 82 T&P | :JO1A |

		1	2	TOTALS	REVISED
DELETED	0	319	9	328	0
	%	0.0	0.0	0.0	
	1	15	6	21	21
Col	%	2.0	2.5	2.1	
	2	68	27	95	95
Col	%	9.1	11.3	9.6	
	3	86	22	108	108
Col	%	11.5	9.2	11.0	
	4	248	73	321	321
Col	%	33.2	30.5	32.6	
	5	152	51	203	203
Col	%	20.4	21.3	20.6	
	6	154	51	205	205
Col	%	20.6	21.3	20.8	
	7	23	9	32	32
Col	%	3.1	3.8	3.2	
DELETED	8	16	88	104	0
Col	%	0.0	0.0	0.0	
DELETED	9	10	2	12	0
Col	%	0.0	0.0	0.0	
TOTALS		1,091	338	1,429	985
REVISED		746	239	985	
Col	%	100.0	100.0	100.0	

DEGREES OF FREEDOM   6

CHI-SQUARE   2.78   PROBABILITY 0.84

LIKELIHOOD RATIO
(G-SQUARE)   2.69   PROBABILITY 0.85

CRAMER'S V 0.05   CONTINGENCY COEFFICIENT 0.05

ANALYSIS 15

| VARIABLE | V3 | 82 T&P | :TYPE OF INT |
| STRATA(ROW) | V4O4 | 82 T&P | :JO1J |

Lib/cons Dem Cand

		1	2	TOTALS	REVISED
DELETED	0	377	155	532	0
	%	0.0	0.0	0.0	
	1	23	3	26	26
	%	4.9	2.2	4.3	
	2	74	26	100	100
	%	15.8	19.3	16.6	
	3	108	33	141	141
	%	23.1	24.4	23.4	
	4	140	37	177	177
	%	29.9	27.4	29.4	
	5	65	23	88	88
	%	13.9	17.0	14.6	
	6	50	10	60	60
	%	10.7	7.4	10.0	
	7	8	3	11	11
	%	1.7	2.2	1.8	
DELETED	8	242	44	286	0
	%	0.0	0.0	0.0	
DELETED	9	4	4	8	0
	%	0.0	0.0	0.0	
TOTALS		1,091	338	1,429	603
REVISED		468	135	603	
	Col %	100.0	100.0	100.0	

DEGREES OF FREEDOM   6

CHI-SQUARE   4.81   PROBABILITY 0.57

LIKELIHOOD RATIO
(G-SQUARE)   5.11   PROBABILITY 0.53

CRAMER'S V 0.09   CONTINGENCY COEFFICIENT 0.09

ANALYSIS 16

VARIABLE   V3   82 T&P   :TYPE OF INT
STRATA(ROW)   V405   82 T&P   :JO1K

Lib/cons Rep Card

		1	2	TOTALS	REVISED
DELETED	0	426	170	596	0
	%	0.0	0.0	0.0	
	1	3	2	5	5
	Col %	0.8	1.5	1.0	
	2	8	6	14	14
	Col %	2.1	4.5	2.7	
	3	28	14	42	42
	Col %	7.3	10.5	8.2	
	4	86	29	115	115
	Col %	22.5	21.8	22.3	
	5	131	41	172	172
	Col %	34.3	30.8	33.4	
	6	109	34	143	143
	Col %	28.5	25.6	27.8	
	7	17	7	24	24
	Col %	4.5	5.3	4.7	
DELETED	8	277	35	312	0
	Col %	0.0	0.0	0.0	
DELETED	9	6	0	6	0
	Col %	0.0	0.0	0.0	
TOTALS		1,091	338	1,429	515
REVISED		382	133	515	
Col %		100.0	100.0	100.0	

DEGREES OF FREEDOM   6

CHI-SQUARE   4.71   PROBABILITY 0.58

LIKELIHOOD RATIO
(G-SQUARE)   4.39   PROBABILITY 0.63

CRAMER'S V 0.10   CONTINGENCY COEFFICIENT 0.10

ANALYSIS 17

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VARIABLE    V3      82 T&P    :TYPE OF INT
STRATA(ROW) V418    82 T&P    :JO4A
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		1	2	TOTALS	REVISED
DELETED	Col	116	11	127	0
	%	0.0	0.0	0.0	
	Col	61	24	85	85
	%	6.4	8.6	6.9	
	Col	56	22	78	78
	%	5.9	7.9	6.3	
	Col	109	48	157	157
	%	11.5	17.3	12.8	
	Col	285	89	374	374
	%	30.0	32.0	30.4	
	Col	166	47	213	213
	%	17.5	16.9	17.3	
	Col	155	22	177	177
	%	16.3	7.9	14.4	
	Col	119	26	145	145
	%	12.5	9.4	11.8	
DELETED	Col	15	47	62	0
	%	0.0	0.0	0.0	
DELETED	Col	9	2	11	0
	%	0.0	0.0	0.0	
TOTALS		1,091	338	1,429	1,229
REVISED		951	278	1,229	
Col	%	100.0	100.0	100.0	

DEGREES OF FREEDOM   6

CHI-SQUARE   21.25   PROBABILITY 0.00

LIKELIHOOD RATIO   22.23   PROBABILITY 0.00
 (G-SQUARE)

CRAMER'S V 0.13   CONTINGENCY COEFFICIENT 0.13

ANALYSIS 18

VARIABLE   V3   82 T&P   :TYPE OF INT
STRATA(ROW)   V283 82 T&P(TP):FO1X

Summary Party ID

	1	2	TOTALS	REVISED
Col 0 %	226	59	285	285
	20.8	17.7	20.1	
Col 1 %	256	67	323	323
	23.5	20.1	22.7	
Col 2 %	115	36	151	151
	10.6	10.8	10.6	
Col 3 %	105	35	140	140
	9.7	10.5	9.9	
Col 4 %	89	43	132	132
	8.2	12.9	9.3	
Col 5 %	163	45	208	208
	15.0	13.5	14.6	
Col 6 %	125	45	170	170
	11.5	13.5	12.0	
Col 7 %	1	1	2	2
	0.1	0.3	0.1	
Col 8 %	8	2	10	10
	0.7	0.6	0.7	
DELETED Col 9 %	3	5	8	0
	0.0	0.0	0.0	
TOTALS	1,091	338	1,429	1,421
REVISED	1,088	333	1,421	
Col %	100.0	100.0	100.0	

DEGREES OF FREEDOM   8

CHI-SQUARE   10.94   PROBABILITY 0.21

LIKELIHOOD RATIO
(G-SQUARE)   10.33   PROBABILITY 0.24

CRAMER'S V 0.09   CONTINGENCY COEFFICIENT 0.09

ANALYSIS 19

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VARIABLE      V3       82 T&P      :TYPE OF INT
STRATA(ROW)  V286     82 T&P      :FO3
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Political Interest

		1	2	TOTALS	REVISED
DELETED	Col 0	0	3	3	0
	%	0.0	0.0	0.0	
	Col 1	362	111	473	473
	%	33.2	33.1	33.2	
	Col 2	399	122	521	521
	%	36.6	36.4	36.6	
	Col 3	219	76	295	295
	%	20.1	22.7	20.7	
	Col 4	109	26	135	135
	%	10.0	7.8	9.5	
DELETED	Col 9	2	0	2	0
	%	0.0	0.0	0.0	
TOTALS		1,091	338	1,429	1,424
REVISED		1,089	335	1,424	
Col %		100.0	100.0	100.0	

DEGREES OF FREEDOM   3

CHI-SQUARE   2.19   PROBABILITY 0.54

LIKELIHOOD RATIO
(G-SQUARE)   2.20   PROBABILITY 0.54

CRAMER'S V 0.04   CONTINGENCY COEFFICIENT 0.04

Contact w Demireps in Wash (1 kcum)

ANALYSIS 20

VARIABLE   V3   82 T&P   :TYPE OF INT
STRATA(ROW) V165   82 T&P (T):EO9

		1	2	TOTALS	REVISED
DELETED	0	123	38	161	0
Col %		0.0	0.0	0.0	
	1	866	290	1,156	1,156
Col %		89.6	97.0	91.4	
	5	100	9	109	109
Col %		10.4	3.0	8.6	
DELETED	9	2	1	3	0
Col %		0.0	0.0	0.0	
TOTALS		1,091	338	1,429	1,265
REVISED		966	299	1,265	
Col %		100.0	100.0	100.0	

DEGREES OF FREEDOM   1

CHI-SQUARE   15.63   PROBABILITY 0.00

YATE'S CORRECTION   14.71   PROBABILITY 0.00

LIKELIHOOD RATIO
(G-SQUARE)   19.07   PROBABILITY 0.00

CRAMER'S V 0.11   CONTINGENCY COEFFICIENT 0.11

Contact w Repub in Wash (1 incumb)

ANALYSIS 21

VARIABLE   V3   82 T&P   :TYPE OF INT
STRATA(ROW) V175   82 T&P (T) :E11

		1	2	TOTALS	REVISED
DELETED	0	317	91	408	0
Col	%	0.0	0.0	0.0	
	1	403	165	568	568
Col	%	52.5	67.9	56.2	
	5	364	78	442	442
Col	%	47.5	32.1	43.8	
DELETED	9	7	4	11	0
Col	%	0.0	0.0	0.0	
TOTALS		1,091	338	1,429	1,010
REVISED		767	243	1,010	
Col	%	100.0	100.0	100.0	

DEGREES OF FREEDOM   1

CHI-SQUARE   17.69   PROBABILITY 0.00

YATE'S CORRECTION   17.07   PROBABILITY 0.00

LIKELIHOOD RATIO
(G-SQUARE)   18.06   PROBABILITY 0.00

CRAMER'S V 0.13   CONTINGENCY COEFFICIENT 0.13

JAN 20, 1984   COMP FOR CAND DIST VARS

ANALYSIS 22

Contact w Dem Rep (2 incumb)

VARIABLE V3	82 T&P	:TYPE OF INT		
STRATA(ROW) V259	82 T&P (T):E41			
		1	2	TOTALS REVISED
DELETED 0		987	306	1,293	0
Col %		0.0	0.0	0.0	.
1		76	30	106	106
Col %		73.1	93.8	77.9	
5		28	2	30	30
Col %		26.9	6.3	22.1	
TOTALS		1,091	338	1,429	136
REVISED		104	32	136	
Col %		100.0	100.0	100.0	

DEGREES OF FREEDOM   1

CHI-SQUARE   6.08   PROBABILITY 0.01

YATE'S CORRECTION   4.94   PROBABILITY 0.03

LIKELIHOOD RATIO
(G-SQUARE)   7.40   PROBABILITY 0.01

CRAMER'S V 0.21   CONTINGENCY COEFFICIENT 0.19

ANALYSIS 23

Contact w Rep (2 incumb)

VARIABLE V3	82 T&P	:TYPE OF INT		
STRATA(ROW) V269	82 T&P (T):E43			
		1	2	TOTALS REVISED
DELETED 0		986	306	1,292	0
Col %		0.0	0.0	0.0	
1		70	30	100	100
Col %		66.7	93.8	73.0	
5		35	2	37	37
Col %		33.3	6.3	27.0	
TOTALS		1,091	338	1,429	137
REVISED		105	32	137	
Col %		100.0	100.0	100.0	

JAN 20, 1984   COMP FOR CAND DIST VARS

DEGREES OF FREEDOM   1

CHI-SQUARE   9.13   PROBABILITY 0.00

YATE'S CORRECTION   7.80   PROBABILITY 0.01

LIKELIHOOD RATIO
  (G-SQUARE)   11.20   PROBABILITY 0.00

CRAMER'S V 0.26   CONTINGENCY COEFFICIENT 0.23

ANALYSIS 24

VARIABLE   V3   82 T&P   :TYPE OF INT
STRATA(ROW) V694   82 T&P   :LO1

Did you vote

	1	2	TOTALS	REVISED
1	749	240	989	989
Col %	69.2	71.2	69.6	
5	334	97	431	431
Col %	30.8	28.8	30.4	
DELETED 6	2	0	2	0
Col %	0.0	0.0	0.0	
DELETED 8	1	0	1	0
Col %	0.0	0.0	0.0	
DELETED 9	5	1	6	0
Col %	0.0	0.0	0.0	
TOTALS	1,091	338	1,429	
REVISED	1,083	337	1,420	1,420
Col %	100.0	100.0	100.0	

DEGREES OF FREEDOM   1

CHI-SQUARE   0.51   PROBABILITY 0.47

YATE'S CORRECTION   0.42   PROBABILITY 0.52

LIKELIHOOD RATIO
  (G-SQUARE)   0.51   PROBABILITY 0.48

CRAMER'S V 0.02   CONTINGENCY COEFFICIENT 0.02

ANALYSIS 25

VARIABLE   V3   82 T&P   :TYPE OF INT
STRATA(ROW) V695   82 T&P   :LO2

Regist Dem, Rep

		1	2	TOTALS	REVISED
DELETED 0	Col	340	98	438	0
	%	0.0	0.0	0.0	
1	Col	368	101	469	469
	%	49.9	43.0	48.3	
2	Col	78	29	107	107
	%	10.6	12.3	11.0	
3	Col	210	78	288	288
	%	28.5	33.2	29.6	
4	Col	2	1	3	3
	%	0.3	0.4	0.3	
5	Col	71	23	94	94
	%	9.6	9.8	9.7	
6	Col	3	3	6	6
	%	0.4	1.3	0.6	
7	Col	5	0	5	5
	%	0.7	0.0	0.5	
DELETED 8	Col	13	4	17	0
	%	0.0	0.0	0.0	
DELETED 9	Col	1	1	2	0
	%	0.0	0.0	0.0	
TOTALS		1,091	338	1,429	972
REVISED		737	235	972	
Col %		100.0	100.0	100.0	

DEGREES OF FREEDOM   6

CHI-SQUARE   7.53   PROBABILITY 0.27

LIKELIHOOD RATIO
(G-SQUARE)   8.29   PROBABILITY 0.22

CRAMER'S V 0.09   CONTINGENCY COEFFICIENT 0.09

ANALYSIS 26

VARIABLE   V3   82 T&P   :TYPE OF INT
STRATA(ROW) V698   82 T&P   :LO4/L11

Vote for House of Rep.

		1	2	TOTALS	REVISED
DELETED	0	340	99	439	0
	%	0.0	0.0	0.0	
	1	677	214	891	891
	%	93.4	92.6	93.2	
	5	39	17	56	56
	%	5.4	7.4	5.9	
	6	2	0	2	2
	%	0.3	0.0	0.2	
	7	7	0	7	7
	%	1.0	0.0	0.7	
DELETED	8	10	7	17	0
	%	0.0	0.0	0.0	
DELETED	9	16	1	17	0
	%	0.0	0.0	0.0	
TOTALS		1,091	338	1,429	956
REVISED		725	231	956	
Col	%	100.0	100.0	100.0	

DEGREES OF FREEDOM   3

CHI-SQUARE   4.05   PROBABILITY 0.26

LIKELIHOOD RATIO
(G-SQUARE)   6.07   PROBABILITY 0.11

CRAMER'S V 0.07   CONTINGENCY COEFFICIENT 0.06

Voted for

ANALYSIS 27

VARIABLE   V3   82 T&P   :TYPE OF INT
STRATA(ROW) V699   82 T   :LO4AA/L11AA

		1	2	TOTALS	REVISED
DELETED	0	407	124	531	0
	%	0.0	0.0	0.0	
	1	371	107	478	478
Col	%	55.7	54.9	55.5	
	2	282	83	365	365
Col	%	42.3	42.6	42.4	
	3	4	3	7	7
Col	%	0.6	1.5	0.8	
	7	9	2	11	11
Col	%	1.4	1.0	1.3	
DELETED	8	10	8	18	0
Col	%	0.0	0.0	0.0	
DELETED	9	8	11	19	0
Col	%	0.0	0.0	0.0	
TOTALS		1,091	338	1,429	861
REVISED		666	195	861	
Col	%	100.0	100.0	100.0	

DEGREES OF FREEDOM   3

CHI-SQUARE   1.78   PROBABILITY 0.62

LIKELIHOOD RATIO
(G-SQUARE)   1.52   PROBABILITY 0.68

CRAMER'S V 0.05   CONTINGENCY COEFFICIENT 0.05

ANALYSIS 28

VARIABLE   V3   82 T&P   :TYPE OF INT
STRATA(ROW) V700   82 T&P (T):LO4A/L11A

		1	2	TOTALS	REVISED
DELETED	0	407	124	531	0
Col	%	0.0	0.0	0.0	
	31	35	11	46	46
Col	%	5.3	5.6	5.3	
	32	35	10	45	45
Col	%	5.3	5.1	5.2	
	33	250	64	314	314
Col	%	37.5	32.8	36.5	
	34	188	57	245	245
Col	%	28.2	29.2	28.5	
	35	81	28	109	109
Col	%	12.2	14.4	12.7	
	36	58	14	72	72
Col	%	8.7	7.2	8.4	
	37	2	0	2	2
Col	%	0.3	0.0	0.2	
	39	2	1	3	3
Col	%	0.3	0.5	0.3	
	80	0	2	2	2
Col	%	0.0	1.0	0.2	
	81	1	0	1	1
Col	%	0.2	0.0	0.1	
	83	2	1	3	3
Col	%	0.3	0.5	0.3	
	84	0	2	2	2
Col	%	0.0	1.0	0.2	
	85	0	1	1	1
Col	%	0.0	0.5	0.1	
	86	1	0	1	1
Col	%	0.2	0.0	0.1	
	91	2	2	4	4
Col	%	0.3	1.0	0.5	

JAN 20 984   COMP FOR CAND DIST VARS

	1	2	TOTALS REVISED	
97	9	2	11	11
Col %	1.4	1.0	1.3	
DELETED 98	10	8	18	0
Col %	0.0	0.0	0.0	
DELETED 99	8	11	19	0
Col %	0.0	0.0	0.0	
TOTALS	1,091	338	1,429	861
REVISED	666	195	861	
Col %	100.0	100.0	100.0	

DEGREES OF FREEDOM   15

CHI-SQUARE   22.49   PROBABILITY 0.10

LIKELIHOOD RATIO
(G-SQUARE)   20.73   PROBABILITY 0.15

CRAMER'S V 0.16   CONTINGENCY COEFFICIENT 0.16

***** Normal termination of TABLES $ 0.91   1.34 secs

***** The last command has been processed.   'Bye.