

Version 03 Codebook

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CODEBOOK INTRODUCTION FILE  
1998 POST-ELECTION STUDY (1998.T)

AMERICAN NATIONAL ELECTION STUDY, 1998

CODEBOOK

Center for Political Studies  
Institute for Social Research  
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## &gt;&gt; INTRODUCTION: 1998 STUDY DESCRIPTION

The NES/CPS American National Election Study 1998 was conducted by the Center for Political Studies of the Institute for Social Research, under the general direction of Principal Investigators Virginia Sapiro and Steven Rosenstone. Kathy Cirksena was the Project Manager and Michael Horvath was the Study Manager for the National Election Studies.

This is the twenty-fifth in a series of studies of American national elections produced by the Center for Political Studies and the Survey Research Center. It is the eleventh such study to be conducted under the auspices of National Science Foundation Grants providing long-term support for the National Election Studies. The 1998 National Election Study was funded under grant number SBR-9707741.

Since 1978 the NES election studies have been designed under the supervision of a National Board of Overseers. Board members during the planning of the 1998 National Election Study included: Larry Bartels, Princeton University; Gary Cox, University of California, San Diego; Charles Franklin, University of Wisconsin -Madison; Robert Huckfeldt, Indiana University; Jon Krosnick, Ohio State University; David Leege, University of Notre Dame; Warren E. Miller, Arizona State University, ex officio; Wendy Rahn, University of Minnesota; W. Phillips Shively, University of Minnesota; Laura Stoker, University of California, Berkeley; and John Zaller, the University of California at Los Angeles.

As part of the planning process, a special planning committee was appointed, a pilot study conducted, and stimulus letters sent to the members of the scholarly community soliciting input on study plans. The 1998 Study Planning Committee, chaired by Wendy Rahn, University of Minnesota, included Larry Bartels, Princeton University; Gary Jacobson, University of California, San Diego; William Jacoby, University of South Carolina; Kimberly Kahn, Arizona State University; David Leege, University of Notre Dame; Sam Popkin, University of California, San Diego; Virginia Sapiro, University of Wisconsin - Madison; Laura Stoker, University of California, Berkeley.

A pilot study was carried out in September of 1997 for the purpose of developing new instrumentation for the 1998 Election Study. New or improved items were tested in the areas of mobilization and non-electoral participation, group-based politics, response latency, and religion and politics. Data from the 1997 Pilot Study are available through the Inter-university Consortium for Political and Social Research (ICPSR 2282), or from the NES web site ([www.umich.edu/~nes](http://www.umich.edu/~nes)). Results from the pilot study (as summarized in Pilot Study Reports which are listed in this codebook) were used by the Planning Committee in formulating recommendations to the Board about study content for the 1998 Election Study.

The Principal Investigators, Board of Overseers, and project staff note with sadness that this is the last National Election Study

with which Warren E. Miller was associated before his death in February, 1999.

He was a leader in every study from 1952 on, and he shepherded the transformation of these studies into a national social science resource. His important work lives on.

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>> 1998 SURVEY CONTENT AND ADMINISTRATION

#### SURVEY CONTENT

The Board of Overseers balanced a number of considerations in selecting content for the Post-Election Survey. There was, as always, the necessity of maintaining continuity with past surveys. All congressional time-series items were evaluated by the Board, and input was solicited from the research community about whether each should be used for the 1998 Study.

The items that fall into the time-series, or "core" category, are: campaign attention; media exposure; House candidate recall; feeling thermometer ratings of congressional candidates and groups; likes and dislikes of congressional candidates; registration and turnout; vote for Representative, Senator and Governor; Presidential traits and affects; Presidential performance items; most important problem; campaign activities; system support and efficacy items; approval of performance of Congress; House Representative performance rating; incumbency status of House Candidates; retrospective and prospective economic evaluations (national and individual); strength of the US position in the world and isolationism; liberal-conservative scale ratings of self, President and parties; party identification; interest in politics and public affairs; how often Respondent discusses politics; political knowledge/recognition items; seven-point issue scales with placements; views on abortion, school prayer and the death penalty; items of moral traditionalism and egalitarianism; measures of religiosity; and the standard and extensive battery of demographic questions.

A number of questions are new or relatively new to the Study. Some came from the piloting work described above-- e.g., the Congressional Traits section (allowing comparative evaluation of the president and congress), Role of Religion and Religious Institutions in Society and Politics, and the question on late-term abortions. This survey also included a range of items relating to the the Clinton-Lewinsky scandal, and some new questions on key issues, such as school vouchers, foreign imports, and immigration.

It should be noted that the impeachment of President Clinton occurred during the field period.

#### SURVEY ADMINISTRATION: MIXED-MODE STRATEGY

NES election studies are traditionally based on personal rather than telephone interviewing in order to preserve the quality of sampling and survey response. Given questions that have been raised within the research community about the relatively high expense of face-to-face interviewing compared with the more widely-used telephone mode, the NES Board of Overseers authorized a series of efforts to investigate possibilities for maximizing the use of telephone interviewing. The 1996 Post-Election Study included a mode experiment, in which cases were assigned to

either telephone or face-to-face mode at the sample segment level. Every effort to retain randomly assigned cases in their assigned mode in that study. In 1998 a panel of experts was assembled by the Board to investigate the results of that mode experiment as well as other empirical evidence available to determine their implications for future administration of NES studies. That panel will report to the Board during 1999. In the interim, the Board of Overseers authorized the 1998 Election Study to be conducted in a "mixed mode" to maximize telephone interviewing without accepting the sacrifices in quality of sampling coverage that result from random digit dialing strategies.

#### SURVEY ADMINISTRATION: CONTACT AND CANDIDATE INFORMATION

NES and DST collaborated to develop a set of contact protocols to most efficiently utilize this mixed mode strategy. Initial face-to-face contact was made with as many respondents and informants as possible. During this initial contact, interviewers attempted to complete the screening and household listing at the doorstep and to make an appointment to conduct a telephone interview with the selected respondent. Interviewing materials, such as the Respondent Book and Ballot Card were left for the respondent at this time. If a respondent was unable or unwilling to do an interview by telephone, arrangements were made to conduct the interview face-to-face.

Candidate information (names, gender and candidate codes) were "pre-loaded" into the application to be used during the interview. The pre-loaded information is included in the released data. However, since paper candidate lists are no longer utilized as field materials, there is no "Candidate List" appended to this codebook, although the term 'Candidate List' continues to be used in the codebook as a reference to the candidate information available to the interviewer (CAPI preload).

#### RESPONSE RATE

Final result codes for the total sample were used to calculate two kinds of response rates as presented in the table below. The summary response rate (the ratio of completed interviews to the total number of potential respondents) for the study was 63.9%. The completion rate (the ratio of cases in which some responsible member of the housing unit was reached to the total number of potential respondents) for the study was 92.1%. (Note: Result codes for the full sample are included in the Study nonresponse or 'bias' file.)

The administration of this survey posed special difficulties that will require further investigation, and will be the subject of future technical reports. Budgetary restrictions required that the target number of interviews (1,500) be lower than was the case in previous studies. In the end, the response rate was somewhat lower than NES has experienced in the past for a number of reasons. The mixed-mode strategy creates some inefficiencies in data collection. Increases in the number of locked buildings, gated communities, and seasonally-occupied dwelling units affected response rate. Finally, it is likely that interviewing during the time period that encompassed the presidential impeachment and related scandal news reduced people's willingness to respond to political surveys. The response rate difficulties became apparent early in the field

period. The field and study staff implemented a number of strategies to bolster response rates, including using the most experienced interviewers possible, and raising the respondent incentives. At the outset of the field period, the respondent incentive was \$10. On November 25 it was raised to \$30, and on December 4 it was raised to \$50. Two options for increasing the number of interviews were rejected. First, no additional sample lines were added because, while this would have increased the number of respondents, it would have also lowered the response rate. Second, although in some past studies the field period has been extended into the new year to allow the interviewers to pursue the remaining resistant cases, in 1998, given the likely effects of the impeachment of the President on the quality of election-related survey responses, especially in light of the likely per case expense, this option was not taken.

#### FIELD ADMINISTRATION INFORMATION

Response Rate:	63.9%
Completion rate:	92.1%
Avg. Length of Interview:	65.9 min
No. of Respondents:	1281

The response rate is calculated as:

$$IWS / (\text{Sample } N) - (\text{NER} + \text{NS})$$

The completion rate is calculated as:

$$(\text{Sample } N - (\text{NC} + \text{NS} + \text{NER})) / \text{Sample } N - (\text{NS} + \text{NER})$$

where NS = Nonsample

NER = No Eligible respondent

IWS = Total interviews

NC = No Contact.

#### WEIGHTING

The 1998 Post-Election Study data include analysis weight V980002. This weight was created for the primary purpose of correcting for under-representation in study data of younger and less-educated respondents, and is post-stratified to match the Current Population Study (CPS) estimate of the distribution of age group by education level. It is the product of a within-household selection weight, a household-level nonresponse adjustment factor, and the person-level post-stratification factor already described. The nonresponse adjustment factor compensates for differential response rates by Census Region and metropolitan status. Full information about construction of the weight is found in the section "1998 WEIGHT DOCUMENTATION".

#### □>> 1998 SAMPLING INFORMATION

Sampling Section  
Survey Research Center  
Institute for Social Research  
University of Michigan  
March 1999

## 1998 NATIONAL POST-ELECTION STUDY SAMPLE DESIGN

STUDY POPULATION  
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The study population for the 1998 National Post-election Study (NES) is defined to include all United States citizens of voting age on or before the 1998 Election Day. Eligible citizens must have resided in housing units in the forty-eight coterminous states. This definition excludes persons living in Alaska or Hawaii and requires eligible persons to have been both a United States citizen and eighteen years of age on or before the 3rd of November 1998.

MULTI-STAGE AREA PROBABILITY SAMPLE DESIGN  
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The 1998 NES is based on a multi-stage area probability sample selected from the Survey Research Center's (SRC) 1990 National Sample design. Identification of the 1998 NES sample respondents was conducted using a four stage sampling process--a primary stage sampling of U.S. Metropolitan Statistical Areas (MSAs) or New England County Metropolitan Areas (NECMAs) and non-MSA counties, followed by a second stage sampling of area segments, a third stage sampling of housing units within sampled area segments and concluding with the random selection of a single respondent from selected housing units. A detailed documentation of the 1990 SRC National Sample, from which the 1998 NES sample was drawn, is provided in the SRC publication titled 1990 SRC National Sample: Design and Development.

The 1998 NES sample design called for an entirely new cross-section sample to be drawn from the 1990 SRC National Sample; no panel component was included in 1998. The 1990 SRC National Sample is a multi-stage area probability sample. Since the 1998 NES sample was drawn from the 1990 SRC National Sample, the first stages of selection for the 1998 NES Sample correspond to the first stages of selection for the 1990 SRC National Sample.

## SELECTION STAGES FOR THE 1998 NES SAMPLE: 1990 SRC NATIONAL SAMPLE

## Primary Stage Selection

The selection of primary stage sampling units (PSUs) for the 1990 SRC National Sample, which depending on the sample stratum are either MSAs, New England County Metropolitan Areas (NECMAs), single counties, independent cities, county equivalents or groupings of small counties, is based on the county-level 1990 Census Reports of Population and Housing (1). Primary stage units were assigned to 108 explicit strata based on MSA/NECMA or non-MSA/NECMA status, PSU size, Census Region and geographic location within region. Twenty-eight of the 108 strata contain only a single self-representing PSU, each of which is included with certainty in the primary stage of sample selection. The remaining 80 nonself-representing strata contain more than one PSU. From each of these nonself-representing strata, one PSU was sampled with probability proportionate to its size (PPS) measured in 1990 occupied housing units.

The full 1990 SRC National Sample of 108 primary stage selections was designed to be optimal for surveys roughly three to five times the size of the 1998 NES. To permit the flexibility needed for optimal design of smaller survey samples, the primary stage of the SRC National Sample can be readily partitioned into smaller subsamples of PSUs such as a one-half sample or a

three-quarter sample partition. Each of the partitions represents a stratified subselection from the full 108 PSU design. The 1998 NES sample of 44 PSUs is a stratified random subsample of PSUs from the "A" half-sample partition of the 1990 SRC National Sample. Because of the small size of this NES sample, both the number of PSUs (selected primary areas) and the secondary stage units (area segments) in the National half-sample were reduced by subselection for the 1998 NES sample design. The 18 self-representing areas in the 1990 SRC National half-sample were all retained for the 1998 NES sample (8 of these remained self-representing in the 1998 NES and 10 represent not only their own MSA but their "pair" among the twenty additional self-representing primary areas of the full 1990 SRC National Sample design). Nineteen of the 26 nonself-representing half-sample MSAs and 7 of the 14 half-sample non-MSAs were retained by the subselection for the 1998 NES sample (or 26 of 40 NSR PSUs).

Table 1 identifies the 44 PSUs in the 1998 NES sample by MSA status and Region and also indicates the number of area segments used for the 1998 NES sample (see next section on second stage selection).

Table 1: PSU Name and Number of Area Segments in the 1998 NES Sample  
Showing 1990 SRC National-Sample Stratum and MSA Status

National Sample PSU	National Sample PSU Name	# of 1998 NES Segments
-----		
	Eight Largest Self-representing PSUs	
120	New York, NY MSA	12
190	Los Angeles-Long Beach, CA MSA	12
130	Chicago, IL MSA	9
121	Philadelphia, PA-NJ MSA	7
131	Detroit, MI MSA	6
150	Washington DC-MD-VA MSA	6
110	Boston, MA NECMA	6
171	Dallas and Ft Worth, TX CMSA	6
-----		
	Ten Remaining Largest MSA PSUs	
170	Houston, TX MSA	6
191	Seattle-Tacoma, WA CMSA	6
141	St Louis, MO-IL MSA	6
152	Baltimore, MD MSA	6
122	Nassau-Suffolk, NY MSA	6
194	Anaheim-Santa Ana, CA MSA	6
132	Cleveland, OH MSA	6
154	Miami-Hialeah, FL MSA	5 (2)
181	Denver, CO MSA	6
196	San Francisco, CA MSA	6
-----		
	Nonself-representing MSAs: Northeast	
211	New Haven-Waterbury-Meriden, CT NECMA	6



213	Manchester-Nashua NH NECMA	6
220	Buffalo, NY MSA	6
226	Atlantic City, NJ MSA	6
-----		
	Nonsell-representing MSAs: Midwest	
230	Milwaukee, WI MSA	6
236	Madison, WI MSA	6
239	Steubenville-Wheeling, OH (3)	6
240	Des Moines, IA MSA	6
-----		
	Nonsell-representing MSAs: South	
250	Richmond-Petersburg, VA MSA	6
255	Columbus, GA-AL MSA	6
257	Jacksonville, FL MSA	6
258	Lakeland, FL MSA	6
260	Knoxville TN MSA	6
262	Birmingham, AL MSA	6
273	Waco, TX MSA	6
274	McAllen-Edinburg-Mission, TX MSA	6
-----		
	Nonsell-representing MSAs: West	
280	Salt Lake City-Ogden etc, UT MSA	6
292	Fresno, CA MSA	6
293	Eugene-Springfield, OR MSA	6
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	Nonsell-representing Non-MSAs: Northeast	
320	Elk County, PA	6
-----		
	Nonsell-representing Non-MSAs: Midwest	
332	Switzerland County, IN	6
340	Steele County, MN	6
-----		
	Nonsell-representing Non-MSAs: South	
351	Harrisonburg IC, VA	6
354	Whitfield County, GA	6
370	Jim Wells County, TX	6
-----		
	Nonsell-representing Non-MSAs: West	

381		Sandoval County, NM		6
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Total Number of Segments				279

#### Second Stage Selection of Area Segments

The second stage of the 1990 SRC National Sample, used for the 1998 NES sample, was selected directly from computerized files that were extracted for the selected PSUs from the 1990 U.S. Census summary file series STF1-B. These files (on CD Rom) contain the 1990 Census total population and housing unit (HU) data at the census block level. The designated second-stage sampling units (SSUs), termed "area segments", are comprised of census blocks in both the metropolitan (MSA) primary areas and in the rural areas of non-MSA primary areas. Each SSU block or block combination was assigned a measure of size equal to the total 1990 occupied housing unit count for the area. SSU block(s) were assigned a minimum measure of 72 1990 total HUs per MSA SSU and a minimum measure of 48 total HUs per non-MSA SSU. Second stage sampling of area segments was performed with probabilities proportionate to the assigned measures of size (PPS).

For the 1998 NES sample the number of area segments used in each PSU varies. In the self-representing (SR) PSUs the number of area segments varies in proportion to the size of the primary stage unit, from a high of 12 area segments in the self-representing New York and Los Angeles MSA PSUs, to a low of 6 area segments in the smaller self-representing PSUs such as Cleveland, Miami-Hialeah or Nassau-Suffolk MSAs. All nonself-representing (NSR) PSUs were represented by 6 area segments each. A total of 279 NES area segments were selected as shown in Table 1.

#### Third Stage Selection of Housing Units: 1998 NES Sample

For each area segment selected in the second sampling stage, a listing had been made of all housing units located within the physical boundaries of the segment. For segments with a very large number of expected housing units, all housing units in a subselected part of the segment were listed. The final equal probability sample of housing units for the 1998 NES sample was systematically selected from the housing unit listings for the sampled area segments.

The 1998 NES sample design was selected from the 1990 SRC National Sample to yield an equal probability sample of 2557 listed housing units. The 1998 NES sample drawn was slightly smaller than the expected required sample size of 2577 lines based on the assumptions detailed in Table 2 below. Additional "reserve" sample was not drawn from the entire sample design; a decision was made that if additional reserve sample was required to meet interview goals, it would be drawn instead from a selected subsample of segments rather than across all segments. The overall probability of selection for 1998 NES cross-section sample of households was  $f=0.000023100$  or 0.23100 in 10,000. The equal probability sample of households was achieved for the 1998 NES sample by using the standard multi-stage sampling technique of setting the sampling rate for selecting housing units within area segments to be inversely proportional to the PPS probabilities used to select the PSU and area segment (Kish, 1965).

#### Fourth Stage Respondent Selection: 1998 NES Sample

Within each sampled 1998 NES occupied housing unit, the SRC interviewer prepared a complete listing of all eligible household members. Using an objective procedure described by Kish (1949) a single respondent was then selected at random to be interviewed. Regardless of circumstances, no substitutions were permitted for the designated respondent.

#### 1998 NES SAMPLE DESIGN ASSUMPTIONS, SPECIFICATIONS AND OUTCOME

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The 1998 Post-election Study sought a total of 1500 interviews. It was estimated that this would require a NES sample draw of 2577 housing units. This assumed an occupancy/growth rate of 0.86, an eligibility rate of 0.94 and a response rate of 0.72. These assumptions were based on the 1994 NES Cross-section Sample field experience. The overall 1998 NES Post-election sample design specifications, assumptions and outcomes are set out in Table 2, below.

2557 listed sample lines were actually selected for the 1998 NES study (resulting in 2568 sample households). There was no Panel component in 1998 and no reserve sample was selected. Selected sample lines having mailable addresses were sent to the Telematch for name and telephone number matching prior to release for field contact.

The 1998 NES Study design called for maximum use of telephone interviewing after initial face-to-face screening in the field to locate eligible households/respondents. It was hoped that this would maximize interviewing field efficiency and minimize the necessity to send traveler field personnel into the primary areas not staffed by permanent field personnel.

A comparison of the 1998 NES design specifications and assumptions to the outcome figures in Table 2 indicates that, although the assumed eligibility rate was met in the sample outcome, the occupancy rate estimation in the design was higher than that encountered and response rate specification in the design was much higher than that actually achieved. This, of course, resulted in fewer interviews taken than specified in the sample design.

Table 2: 1998 Post-election Survey Sample Design Specifications and Assumptions Compared to Sample Outcome

	1998 NES Design   Specification	1998 NES Sample   Outcome
Completed Interviews	1500	1281
Response Rate	0.72	0.638
Eligible Sample Households	2083	2008
Eligibility Rate	0.94	0.944
Occupied Households	2216	2127
Occupancy/growth Rate	0.86	0.828
Total Sample Lines	2577	2568

The study design for the 1998 NES Post-election Study called for initial contact to be made by field staff in a face-to-face screening effort to determine eligibility. This was to be followed by either an in-person or telephone interview--with the intention of obtaining as many interviews as possible by phone in an effort to reduce field costs. Screening and interviewing began on November 4, 1998--the day after election day. The data

collection period continued through December 22, 1998. 1281 interviews were obtained. Table 3 shows the outcome for the 1998 Post Election Survey by interview mode.

Table 3. 1998 Post-election Survey: Interviews by Data Collection Mode

	Total	Telephone	Face-to-Face
Interviews	1281	991	290

#### NOTES

(1) Office of Management and Budget (OMB) June 1990 definitions of MSAs, NECMAs, counties, parishes, independent cities. These, of course, differ in some respects from the primary stage unit (PSU) definitions used in the 1980 SRC National Sample so will not be strictly comparable to the 1996 NES Panel PSUs--particularly in New England where MSAs were used as PSUs in the 1980 National Sample and NECMAs were used as PSUs in the 1990 National Sample

(2) One selected segment (023) was in a former trailer park that had no housing units to be listed in January 1996; all had been destroyed in 1992 by hurricane "Andrew" and there were no plans to rebuild.

(3) In the 1990 SRC National Sample, U.S. Census Region boundaries were maintained for purposes of stratification at the Primary Stage of selection. Since some MSA definitions cross Region boundaries, such MSAs were split and the MSA counties recombined in ways that maintained the Region boundary. This PSU actually contains the Ohio counties from both the Steubenville-Wierton, OH-WV MSA (Jefferson County, OH) and the Wheeling, WV-OH MSA (Belmont County, OH) and although it is made up of MSA counties--it is not a cohesive MSA by OMB 1990 definition.

□>> 1998 WEIGHT DOCUMENTATION

#### WEIGHTED ANALYSIS OF 1998 NES DATA

The 1998 NES data set includes a person-level analysis weight which incorporates sampling, nonresponse and post-stratification factors. Analysts interested in developing their own nonresponse or post-stratification adjustment factors must request access to the necessary sample control data from the NES Board.

#### CONSTRUCTION OF ANALYSIS WEIGHTS

##### Sample Selection Weight

The area probability sample design for the 1998 NES results in an equal probability sample of U.S. households. However, within sample households a single adult respondent is chosen at random to be interviewed. Since the number of eligible adults may vary from one household to another, the random selection of a single adult introduces inequality into respondents' selection probabilities. In analysis, a respondent selection weight should be used to compensate for these unequal selection probabilities. The value of the respondent selection weight is exactly equal to the number of eligible adults in the household from which the random respondent was selected (variable

980035). The use of the respondent selection weight is strongly encouraged, despite past evaluations which have shown these weights to have little significant impact on the values of NES estimates of descriptive statistics.

#### Household Nonresponse Adjustment Factor

Nonresponse adjustment factors were constructed at the household level. Nonresponse adjustment cells for the 1998 NES sample were formed by crossing PSU type (largest MSAs, other MSAs, or non-MSA) by the four Census regions (Northeast, Midwest, South, and West). A nonresponse adjustment factor equal to the inverse of the response rate in each cell was applied to the interview cases.

Table 4. Computation of Nonresponse Adjustment Weights--1998 NES Sample

PSU Type	Census Region	Response Rate (%)	Nonresponse Adjustment Factor
Large MSAs	Northeast	47.53	2.104
	Midwest	60.63	1.649
	South	55.37	1.806
	West	57.00	1.754
Smaller MSAs	Northeast	61.01	1.639
	Midwest	73.94	1.353
	South	65.88	1.518
	West	74.22	1.347
Non MSAs	Northeast	66.67	1.500
	Midwest	72.99	1.370
	South	67.12	1.490
	West	69.62	1.436

#### Post-stratification Factor

The 1998 NES weights are post-stratified to 1998 CPS proportions for seven (7) age by four (4) education categories. There are actually 27 post-stratification cells because for the youngest age group (18-21) the highest two education categories (some college/college graduate) are combined. Table 5 shows the weighted estimates and proportions for the 27 cells for the 1998 CPS and the weighted 1998 CPS and NES percents. The Post-stratification adjustment is computed by dividing the CPS percent by the 1998 NES percent based on the nonresponse adjusted selection weight. The final two columns show the NES weighted totals using the final post-stratified analysis weight and the resulting percents which match the CPS percents.

#### FINAL ANALYSIS WEIGHTS

The final analysis weight is the product of the household level non-response adjustment factor, the number of eligible persons, and a person-level post-stratification factor. The final analysis weight for the 1998 NES sample (V980002) is scaled to sum to 1281, the total number of respondents. These weights were constructed using the 1998 NES Post-Election data set.

Table 5: 1998 NES Sample Weight: Post-stratification Factor

Age	Education Level	n	1998 CPS Est.in 000s (4)	1998 CPS %	Prelim. 1998 NES wtd %	Post Strat. adjust	NES wtd n	Final NES wtd %
18-21	< High Sch. Graduation	18	3,787.9	2.069	1.595	1.297	26.5	2.1
	High School Graduate	29	4,409.7	2.408	2.747	0.877	30.8	2.4
	Some College/ College Grad.	50	5,477.1	2.991	5.240	0.571	38.3	3.0
22-29	< High Sch. Graduation	17	2,331.6	1.273	1.097	1.161	16.3	1.3
	High School Graduate	43	8,120.4	4.435	3.318	1.336	56.8	4.4
	Some College	51	9,119.7	4.981	4.292	1.160	63.8	5.0
	College Graduate	37	6,397.4	3.494	2.951	1.184	44.8	3.5
30-39	< High Sch. Graduation	22	3,653.8	1.996	1.804	1.106	25.6	2.0
	High School Graduate	89	13,743.3	7.506	6.563	1.144	96.2	7.5
	Some College	83	10,969.6	5.991	6.302	0.951	76.7	6.0
	College Graduate	81	10,422.0	5.692	6.846	0.831	72.9	5.7
40-49	< High Sch. Graduation	18	3,469.3	1.895	1.596	1.187	24.3	1.9
	High School Graduate	93	12,547.9	6.853	7.352	0.932	87.8	6.9
	Some College	73	11,050.4	6.035	5.546	1.088	77.3	6.0
	College Graduate	99	10,766.3	5.880	7.574	0.776	75.3	5.9
50-59	< High Sch. Graduation	18	3,695.1	2.018	1.409	1.432	25.8	2.0
	High School Graduate	49	9,175.9	5.012	3.681	1.361	64.2	5.0
	Some College	50	6,247.0	3.412	4.064	0.840	43.7	3.4
	College Graduate	71	6,972.5	3.808	5.591	0.681	48.8	3.8
60-69	< High Sch. Graduation	31	4,486.2	2.450	2.504	0.978	31.4	2.5
	High School Graduate	45	7,105.3	3.881	3.287	1.180	49.7	3.9
	Some College	26	3,516.0	1.920	1.919	1.000	24.6	1.9
	College Graduate	37	3,543.6	1.935	2.892	0.669	24.8	1.9
70 +	< High Sch. Graduation	45	7,686.8	4.198	2.631	1.595	53.8	4.2
	High School Graduate	43	7,636.0	4.170	2.896	1.440	53.4	4.2
	Some College	33	3,770.2	2.059	2.128	0.968	26.4	2.1

College	30	2,994.5	1.635	2.173	0.753	21.0	1.6
Graduate							
Totals	1281	183,080.0	100.0	100.0		1281.0	100.0

## NOTES

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(4) Because U.S. citizenship is required for NES eligibility, the CPS counts used for post-stratification include only U.S. citizens.

□>> 1998 SAMPLING ERROR

## PROCEDURES FOR SAMPLING ERROR ESTIMATION

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The 1998 NES sample design is based on a stratified multi-stage area probability sample of United States households. Although smaller in scale, the NES sample design is very similar in its basic structure to the multi-stage designs used for major federal survey programs such as the Health Interview Survey (HIS) or the Current Population Survey (CPS). The survey literature refers to the NES, HIS and CPS samples as complex designs, a loosely-used term meant to denote the fact that the sample incorporates special design features such as stratification, clustering and differential selection probabilities (i.e., weighting) that analysts must consider in computing sampling errors for sample estimates of descriptive statistics and model parameters. This section of the 1998 NES sample design description focuses on sampling error estimation and construction of confidence intervals for survey estimates of descriptive statistics such as means, proportions, ratios, and coefficients for linear and logistic linear regression models.

Standard analysis software systems such as SAS and SPSS assume simple random sampling (SRS) or equivalently independence of observations in computing standard errors for sample estimates. In general, the SRS assumption results in underestimation of variances of survey estimates of descriptive statistics and model parameters. Confidence intervals based on computed variances that assume independence of observations will be biased (generally too narrow) and design-based inferences will be affected accordingly.

## SAMPLING ERROR COMPUTATION METHODS AND PROGRAMS

Over the past 50 years, advances in survey sampling theory have guided the development of a number of methods for correctly estimating variances from complex sample data sets. A number of sampling error programs which implement these complex sample variance estimation methods are available to NES data analysts. The two most common approaches to the estimation of sampling error for complex sample data are through the use of a Taylor Series Linearization of the estimator (and corresponding approximation to its variance) or through the use of resampling variance estimation procedures such as Balanced Repeated Replication (BRR) or Jackknife Repeated Replication (JRR). New Bootstrap methods for variance estimation can also be included among the resampling approaches. See Rao and Wu (1988).

## 1. Taylor series linearization method:

When survey data are collected using a complex sample design with unequal size clusters, most statistics of interest will not be simple linear functions

of the observed data. The linearization approach applies Taylor's method to derive an approximate form of the estimator that is linear in statistics for which variances and covariances can be directly and easily estimated (Woodruff, 1971). SUDAAN and Stata are two commercially available statistical software packages that include procedures that apply the Taylor series method to estimation and inference for complex sample data.

SUDAAN (Shah et al., 1996) is a commercially available software system developed and marketed by the Research Triangle Institute of Research Triangle Park, North Carolina (USA). SUDAAN was developed as a stand-alone software system with capabilities for the more important methods for descriptive and multivariate analysis of survey data, including: estimation and inference for means, proportions and rates (PROC DESCRIPT and PROC RATIO); contingency table analysis (PROC CROSSTAB); linear regression (PROC REGRESS); logistic regression (PROC LOGISTIC); log-linear models (PROC CATAN); and survival analysis (PROC SURVIVAL). SUDAAN V7.0 and earlier versions were designed to read directly from ASCII and SAS system data sets. The latest versions of SUDAAN permit procedures to be called directly from the SAS system. Information on SUDAAN is available at the following web site address: <http://www.rti.org>.

Stata (StataCorp, 1997) is a more recent commercial entry to the available software for analysis of complex sample survey data and has a growing body of research users. Stata includes special versions of its standard analysis routines that are designed for the analysis of complex sample survey data. Special survey analysis programs are available for descriptive estimation of means (SVYMEAN), ratios (SVYRATIO), proportions (SVYTOT) and population totals (SVYTOTAL). Stata programs for multivariate analysis of survey data currently include linear regression (SVYREG), logistic regression (SVYLOGIT) and probit regression (SVYPROBT). Information on the Stata analysis software system can be found on the Web at: <http://www.stata.com>.

## 2. Resampling methods:

BRR, JRR and the bootstrap comprise a second class of nonparametric methods for conducting estimation and inference from complex sample data. As suggested by the generic label for this class of methods, BRR, JRR and the bootstrap utilize replicated subsampling of the sample data base to develop sampling variance estimates for linear and nonlinear statistics. WesVar PC (Brick et al., 1996) is a publicly available software system for personal computers that employs replicated variance estimation methods to conduct the more common types of statistical analysis of complex sample survey data. WesVar PC was developed by Westat, Inc. and is distributed along with documentation free of charge to researchers from Westat's Web site: <http://www.westat.com/wesvarpc/>. WesVar PC includes a Windows-based application generator that enables the analyst to select the form of data input (SAS data file, SPSS for Windows data base, dBASE file, ASCII data set) and the computation method (BRR or JRR methods). Analysis programs contained in WesVar PC provide the capability for basic descriptive (means, proportions, totals, cross tabulations) and regression (linear, logistic) analysis of complex sample survey data. WestVar Complex Samples 3.0 is the latest version of WestVar PC that is licensed and distributed by SPSS. Information on the latest developments can be obtained at <http://www.spss.com>.

These new and updated software packages include an expanded set of user friendly, well-documented analysis procedures. Difficulties with sample design specification, data preparation, and data input in the earlier generations of survey analysis software created a barrier to use by analysts



who were not survey design specialists. The new software enables the user to input data and output results in a variety of common formats, and the latest versions accommodate direct input of data files from the major analysis software systems. Readers who are interested in a more detailed comparison of these and other survey analysis software alternatives are referred to Cohen (1997).

#### Sampling Error Computation Models

Regardless of whether linearization or a resampling approach is used, estimation of variances for complex sample survey estimates requires the specification of a sampling error computation model. NES data analysts who are interested in performing sampling error computations should be aware that the estimation programs identified in the preceding section assume a specific sampling error computation model and will require special sampling error codes. Individual records in the analysis data set must be assigned sampling error codes which identify to the programs the complex structure of the sample (stratification, clustering) and are compatible with the computation algorithms of the various programs. To facilitate the computation of sampling error for statistics based on 1998 NES data, design-specific sampling error codes will be routinely included in all public-use versions of the data set. Although minor recoding may be required to conform to the input requirements of the individual programs, the sampling error codes that are provided should enable analysts to conduct either Taylor Series or Replicated estimation of sampling errors for survey statistics.

Table 6 defines the sampling error coding system for 1998 NES sample cases. Two sampling error code variables are defined for each case based on the sample design primary stage unit (PSU) and area segment in which the sample household is located.

Sampling Error Stratum Code (V980103, first two digits). The Sampling Error Computation Stratum Code is the variable which defines the sampling error computation strata for all sampling error analysis of the NES data. Each self-representing (SR) design stratum is represented by one sampling error computation stratum. Pairs of similar nonself-representing (NSR) primary stage design strata are "collapsed" (Kalton, 1977) to create NSR sampling error computation strata. Since there was an uneven number of nonself-representing MSA and non-MSA strata used in the 1998 NES, and since it was felt that a nonself-representing MSA PSU should be paired with a non-MSA PSU, one of each of these PSUs stands alone within its Sampling Error Stratum Code.

For the 1990 SRC National Sample design controlled selection and a "one-per-stratum" PSU allocation are used to select the primary stage of the 1998 NES national sample. The purpose in using controlled selection and the "one-per-stratum" sample allocation is to reduce the between-PSU component of sampling variation relative to a "two-per-stratum" primary stage design. Despite the expected improvement in sample precision, a drawback of the "one-per-stratum" design is that two or more sample selection strata must be collapsed or combined to form a sampling error computation stratum. Variances are then estimated under the assumption that a multiple PSU per stratum design was actually used for primary stage selection. The expected consequence of collapsing design strata into sampling error computation strata is the overestimation of the true sampling error; that is, the sampling error computation model defined by the codes contained in Table 6 will yield estimates of sampling errors which in expectation will be slightly greater than the true sampling error of the statistic of interest.

SECU - Stratum-specific Sampling Error Computation Unit code (V980103,

last digit) is a half sample code for analysis of sampling error using the BRR method or approximate "two-per-stratum" Taylor Series method (Kish and Hess, 1959). Within the SR sampling error strata, the SECU half sample units are created by dividing sample cases into random halves, SECU=1 and SECU=2. The assignment of cases to half-samples is designed to preserve the stratification and second stage clustering properties of the sample within an SR stratum. Sample cases are assigned to SECU half samples based on the area segment in which they were selected. For this assignment, sample cases were placed in original stratification order (area segment number order) and beginning with a random start entire area segment clusters were systematically assigned to either SECU=1 or SECU=2.

In the general case of nonself-representing (NSR) strata, the half sample units are defined according to the PSU to which the respondent was assigned at sample selection (with the exception of the two unpaired NSR strata mentioned above). That is, the half samples for each NSR sampling error computation stratum bear a one-to-one correspondence to the sample design NSR PSUs. The particular sample coding provided on the NES public use data set is consistent with the "ultimate cluster" approach to complex sample variance estimation (Kish, 1965; Kalton, 1977). Individual stratum, PSU and segment code variables may be needed by NES analysts interested in components of variance analysis or estimation of hierarchical models in which PSU-level and neighborhood-level effects are explicitly estimated.

Table 6 shows the sampling error stratum and SECU codes to be used for the paired selection model for sampling error computations for any 1998 NES analyses. Strata 01 through 27 reflect the half sample 1990 National Sample design used for the 1998 NES cross-section sample. It can be seen from this table that the three-digit 1998 SE code is comprised of, first, the two-digit SE Stratum code followed by the one-digit SECU code.

Table 6: 1998 NES Post-Election Study Sampling Error Codes

SE Stratum	SECU	SE Code	PSU	Segment #s	Total Rs
01	1	011	120	015, 031, 047, 063, 079, 099	15
	2	012	120	007, 023, 039, 055, 071, 087	12
02	1	021	190	007, 023, 039, 055, 071, 087	12
	2	022	190	015, 031, 047, 063, 079, 095	13
03	1	031	130	012, 028, 044, 060	11
	2	032	130	004, 020, 036, 052, 068	14
04	1	041	121	002, 018, 034, 050	8
	2	042	121	010, 026, 042	8
05	1	051	131	016, 032, 048	18

	2	052	131	008, 024, 040	12
06	1	061	150	007, 023, 039	7
	2	062	150	015, 031, 047	12
07	1	071	171	010, 026, 042	8
	2	072	171	002, 018, 034	9
08	1	081	110	004, 020, 036	8
	2	082	110	012, 028, 044	8
09	1	091	170	007, 011, 019, 027, 031, 039	32
	2	092	154	003, 007, 011, 015, 019	6
10	1	101	122	008, 012, 016, 024, 028, 032	18
	2	102	152	004, 012, 016, 020, 028, 032	24
11	1	111	141	004, 008, 016, 020, 024, 032	20
	2	112	132	001, 005, 009, 013, 017, 021	22
12	1	121	191	001, 005, 009, 017, 021, 025	36
	2	122	181	001, 005, 009, 013, 017, 021	24
13	1	131	194	004, 008, 016, 020, 024, 032	16
	2	132	196	002, 006, 010, 014, 018, 022	13
14	1	141	220	001, 005, 009, 013, 017, 021	44
	2	142	226	002, 006, 010, 014, 018, 022	26
15	1	151	211	003, 007, 011, 015, 019, 023	15
	2	152	213	004, 008, 012, 016, 020, 024	12
16	1	161	230	002, 006, 010, 014, 018, 022	55

	2	162	236	002, 006, 010, 014, 018, 022	36
17	1	171	239	001, 005, 009, 013, 017, 021	21
	2	172	240	002, 006, 010, 014, 018, 022	27
18	1	181	262	002, 006, 010, 014, 018, 022	61
	2	182	255	004, 008, 012, 016, 020, 024	17
19	1	191	257	004, 008, 012, 016, 020, 024	25
	2	192	258	002, 006, 010, 014, 018, 022	25
20	1	201	273	003, 007, 011, 015, 019, 023	17
	2	202	274	002, 006, 010, 014, 018, 022	20
21	1	211	260	003, 007, 011, 015, 019, 023	23
	2	212	250	003, 007, 011, 015, 019, 023	34
22	1	221	292	001, 005, 009, 013, 017, 022	21
	2	222	293	003, 007, 011, 015, 019, 023	33
23	1	231	280	002, 010, 018	15
	2	232	280	006, 014, 022	26
24	1	241	320	006, 014, 022	20
	2	242	320	002, 010, 018	18
25	1	251	332	004, 008, 012, 016, 020, 024	55
	2	252	340	001, 005, 009, 013, 017, 021	45
26	1	261	351	001, 005, 009, 013, 018, 021	68
	2	262	354	004, 008, 012, 016, 020, 024	22
27	1	271	370	001, 005, 009, 013,	59

			017, 021	
2	272	381	001, 005, 009, 013, 017, 021	55
Total:				1281

#### Generalized Sampling Error Results for the 1998 NES

To assist NES analysts, the PC SUDAAN program was used to compute sampling errors for a wide-ranging example set of proportions estimated from the 1998 NES Post-election Survey data set. For each estimate, sampling errors were computed for the total sample and for twenty demographic and political affiliation subclasses of the 1998 NES Post-election Survey sample. The results of these sampling error computations were then summarized and translated into the general usage sampling error table provided in Table 7. The mean value of deft, the square root of the design effect, was found to be 1.103. The design effect was primarily due to weighting effects (Kish, 1965) and did not vary significantly by subclass size. Therefore the generalized variance table is produced by multiplying the simple random sampling standard error for each proportion and sample size by the average deft for the set of sampling error computations.

Incorporating the pattern of "design effects" observed in the extensive set of example computations, Table 7 provides approximate standard errors for percentage estimates based on the 1998 NES. To use the table, examine the column heading to find the percentage value which best approximates the value of the estimated percentage that is of interest.(5) Next, locate the approximate sample size base (denominator for the proportion) in the left-hand row margin of the table. To find the approximate standard error of a percentage estimate, simply cross-reference the appropriate column (percentage) and row (sample size base). Note: the tabulated values represent approximately one standard error for the percentage estimate. To construct an approximate confidence interval, the analyst should apply the appropriate critical point from the "z" distribution (e.g.,  $z=1.96$  for a two-sided 95% confidence interval half-width). Furthermore, the approximate standard errors in the table apply only to single point estimates of percentages not to the difference between two percentage estimates.

The generalized variance results presented in Table 7 are a useful tool for initial, cursory examination of the NES survey results. For more in depth analysis and reporting of critical estimates, analysts are encouraged to compute exact estimates of standard errors using the appropriate choice of a sampling error program and computation model.

Table 7: Generalized Variance Table  
1998 NES Post-election Survey

#### APPROXIMATE STANDARD ERRORS FOR PERCENTAGES

For percentage estimates near:

Sample	50%	40%	30%	20%	10%
n		or 60%	or 70%	or 80%	or 90%

The approximate standard error of the percentage is:

100	5.52	5.40	5.06	4.41	3.31
200	3.90	3.82	3.57	3.12	2.34
300	3.18	3.12	2.92	2.55	1.91
400	2.76	2.70	2.53	2.21	1.66
500	2.47	2.42	2.26	1.97	1.48
600	2.25	2.21	2.06	1.80	1.35
700	2.08	2.04	1.91	1.67	1.25
800	1.95	1.91	1.79	1.56	1.17
900	1.84	1.80	1.68	1.47	1.10
1000	1.74	1.71	1.60	1.40	1.05
1100	1.66	1.63	1.52	1.33	1.00
1200	1.59	1.56	1.46	1.27	0.96
1300	1.53	1.50	1.40	1.22	0.92

## NOTES

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(5) The standard error of a percentage is a symmetric function with its maximum centered at p=50%; i.e., the standard error of p=40% and p=60% estimates are equal.

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□>> NOTES ON CONFIDENTIAL VARIABLES

Starting with the 1986 Election Study, occupation code variables have been released in somewhat less detail than in preceding studies. Datasets now include a two-digit code with 71 categories corresponding to Census Bureau occupational groupings. In addition, beginning in 1992 Prestige scoring of Census occupational codes have not been released. Those who have need of the full occupation codes or prestige scores for their research should contact the NES project staff for information about the conditions under which access to these data may be provided.

Similarly, the National Election Studies have not included information for census tracts or minor civil divisions since 1978. Permission to use more detailed geographic information for scholarly research may be obtained from the Board of Overseers. Further information is available from NES project staff.

In addition, coding of the new religious denomination variable is in some cases based on variables containing textual responses. These variables are restricted for reasons of confidentiality, but access may be provided to legitimate scholars under established NES procedures.

OPEN-ENDED MATERIALS

Traditionally, the Election Studies have contained several minutes of open-ended responses (for example, the congressional candidates likes and dislikes). These questions are put into Master Codes by the SRC coding section. Other scholars have developed alternative or supplemental coding schemes for the questions (for example, the levels of conceptualization, released as ICPSR #8151). The Board of Overseers wishes to encourage these efforts but in ways that respect the NES and SRC obligation to protect the privacy and anonymity of respondents. Circumstances under which individuals may have access to transcribed versions of these questions have been worked out and those interested should contact the NES project staff for further details.

□

>> 1998 FILE STRUCTURE

The data file for the AMERICAN NATIONAL ELECTION STUDY, 1998: POST-ELECTION SURVEY is constructed with a single logical record for each respondent. The LRECL for the raw (ASCII) data file is 1410 and there are 739 variables for 1281 respondents.

Codebook marginals are unweighted.

NOTE ON "DATASET NUMBER" AND "VERSION NUMBER" OF THE 1998 POST



The 1998 Post is the first NES dataset to include a machine-readable NES "Dataset number" and "Version number".

#### NES "Dataset number"

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In early 1999, each unique dataset in the NES archive was assigned a "Dataset number". The NES 1998 Post-Election Study dataset is the first dataset to have its dataset number (1998.T) included in the machine-readable ASCII data (variable VDSETNO) and documented in the codebook and SAS/SPSS data definition files. In addition to the 1998 Post, dataset numbers for datasets from all archived NES studies are included in the NES "VERSION TABLE" described below.

#### "Versions" of NES datasets

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The term "dataset" used by NES refers to the following associated components:

- 1- ASCII data file (.dat file)
- 2- SAS and SPSS data definition files (.sas, .sps files)
- 3- Codebook files (.cbk file(s)) ^^

Components of the initial release of a dataset will be identified as version 01. According to this system, a corrected component of a specific dataset is called a new "VERSION" of that component and is assigned a new "Version Number."

Because the initial release of a dataset is sometimes followed by corrections to one or more components, a labeling method has been implemented to identify the release version of the dataset component(s). In practice, the version label will allow the analyst to easily verify if he or she has the most up to date components for that dataset.

The version number of a particular component file is written as the first information in the machine-readable component file:

- 1) In the ASCII data file (.dat file), the version number of that data file is written in each record in columns 1-2.
- 2) In the SAS and SPSS data definition files, the version number of the file\*\* is written in the very first line as a comment similar to the following:
 

```
* Version 01 SAS DATA DEFINITION FILE ;
      or:
      * Version 01 SPSS DATA DEFINITION FILE
```
- 3) In the codebook file\*\*, the version number is written as the first line similar to the following example:
 

```
Version 01 Codebook
```

#### NES Dataset "Version Table"

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The NES Web site ([www.umich.edu/~nes](http://www.umich.edu/~nes)) includes an NES Dataset "Version Table"

which can be used to identify the latest version of component files for released NES datasets.

^^NOTE: A codebook usually comprises 3 files, an 'intro' file, variable file, and appendix file

\*\*NOTE: Since SAS and SPSS data definition files (.sas and .sps files) are identified together as a single component, a new "version" of either signifies a new "version" of both, even if only one data definition file required correction. The "Note" field in the NES VERSION TABLE will indicate if only one file has actually been corrected.

Similarly, since most codebooks are released as 3 files, a correction to any one of the codebook files results in a new "version" of all 3 codebook files at once. Again, the "Note" field in the NES VERSION TABLE will indicate if only one codebook file has actually been corrected. (All 3 codebook files will include the version number in the first line of the machine-readable file, as indicated above.)

□

>> 1998 CODEBOOK INFORMATION

The following example from the 1948 NES study provides the standard format for codebook variable documentation.

Note that NES studies which are not part of the Time-Series usually omit marginals and the descriptive content in lines 2-5 (except for variable name).

Line

```

1  =====
2  VAR 480026    NAME-R NOT VT-WAS R REG TO VT
3              COLUMNS 61    - 61
4              NUMERIC
5              MD=0 OR GE 8
6
7              Q. 17.  (IF R DID NOT VOTE)  WERE YOU REGISTERED (ELIGIBLE)
8              TO VOTE.
9              .....
10
11             82      1.  YES
12             149    2.  NO
13
14             0      8.  DK
15             9      9.  NA
16             422    0.  INAP., R VOTED

```

Line 2 - VARIABLE NAME. Note that in the codebook the variable name (usually a 'number') does not include the "V" prefix which is used in the release SAS and SPSS data definition files (.sas and .sps files) for all variables including those which do not have 'number' names. For example the variable "VERSION" in the codebook is "VVERSION" in the data definition files.

- Line 2 - "NAME". This is the variable label used in the SAS and SPSS data definition files (.sas and .sps files). Some codebooks exclude this.
- Line 3 - COLUMNS. Columns in the ASCII data file (.dat file).
- Line 4 - CHARACTER OR NUMERIC. If numeric and the variable is a decimal rather than integer variable, the number of decimal places is also indicated (e.g. "NUMERIC DEC 4")
- Line 5 - Values which are assigned to missing by default in the Study's SAS and and SPSS data definition files (.sas and .sps files).
- Line 7 - Actual question text for survey variables or a description of non-survey variables (for example, congressional district). Survey items usually include the question number (for example "Bla.") from the Study questionnaire; beginning in 1996 non-survey items also have unique item numbers (for example "CSheet.1").
- Line 9 - A dashed or dotted line usually separates question text from any other documentation which follows.
- Line 10- When present, annotation provided by Study staff is presented below the question text/description and preceding code values.
- Lines 11-16  
Code values are listed with descriptive labels. Valid codes (those not having 'missing' status in line 5) are presented first, followed by the values described in line 5. For continuous variables, one line may appear providing the range of possible values. A blank line usually separates the 'valid' and 'missing' values.
- Lines 11-16  
Marginals are usually provided for discrete variables. The counts may be unweighted or weighted; check the Study codebook introductory text to determine weight usage.

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>> 1998 PROCESSING INFORMATION

The data collection was processed according to standard processing procedures. The data were checked for illegal or inconsistent code values which, when found, were corrected or recoded to missing data values. Consistency checks were performed. Annotation was added by the processors for explanatory purposes.

□>> NES STAFF AND TECHNICAL PAPERS, 1998

1. Sanchez, Maria. (July 1982) "7-Point Scales."

2. Shanks, J. Merrill, Maria Sanchez, and Betsy Morton. (March 1983). "Alternative Approaches to Survey Data Collection for the National Election Studies."
3. Lake, Celinda. (September 1983) "Similarity and Representativeness of 1983 Pilot Samples."
4. Lake, Celinda. (November 1983) "Comparison of 3-point, 5-point, and 7-point Scales from the CATI Experiment 1982 Election Study."
5. NES Staff. (December 1983) "1980 Precinct Data Returns Project."
6. Lake, Celinda. (February 1984) "Coding of Independent/Independents and Apoliticals in the Party Identification Summary Code and Apoliticals in the Rolling Cross-Section."
7. Morchio, Giovanna and Maria Sanchez. (February 1984) "Creation of a Filter Variable to be Used When Analyzing Questions about Congressional Candidates in the 1982 Integrated Personal/ISR CATI/Berkeley CATI Dataset: A Report to the Board of Overseers, National Election Studies."
8. Morchio, Giovanna and Maria Sanchez. (March 1984) "Comparison of the Michigan Method of District Assignment on the Telephone with the Personal Interview Simulated Data: A Report to the Board of Overseers, National Election Studies."
9. Traugott, Santa. (June 1984) "Two Versions of the Abortion Question."
10. Sanchez, Maria. (July 1984) "Branching versus 7-point scale measurements."
11. NES Staff. (August 1984) "Weekly Field Report for the National Election Studies Continuous Monitoring, Jan. 11 - Aug. 3, 1984: A Report to the Board of Overseers, National Election Studies."
12. NES Staff. (August 1984) "Questions and Versions in NES Continuous Monitoring, 1984: A Report to the Board of Overseers, National Election Studies."
13. NES Staff. (n.d) "Years of Schooling."
14. NES Staff. (n.d) "Newspaper Code."
15. Traugott, Santa. (n.d.) "The Political Interest Variable on the 1984 Election Study." Unpublished Staff Memo to NES Planning Committee.
16. Sanchez, Maria and Giovanna Morchio. (n.d.) "Probing Don't Know Answers -- Do We Always Want to Do This?"
17. NES Staff. (February 1985) "Progress of the Rolling Cross Section."
18. Bowers, Jake. (February 1995) NES Pilot Study Efforts to Measure Values and Predispositions.
19. Traugott, Santa. (February 1985) "Some Analysis of Hard-to-Reach Rolling Thunder Respondents."
20. Traugott, Santa. (April 1985) "Sample Weighting in NES Continuous Monitoring, 1984: A Report to the Board of Overseers, National Election

Studies."

21. Traugott, Santa. (April 1985). "Sample Weighting in NES Pre-Post Election Survey, 1984: A Report to the Board of Overseers, National Election Studies."
22. Brehm, John. (June 1985) "Report on Coding of Economic Conditions Series in the 1984 Pre-Post Election Study"
23. Brehm, John. (July 1985). "Question Ordering Effects on Reported Vote Choice."
24. Traugott, Santa. (July 1985) "Assessment of Media Measures in RXS."
25. Traugott, Santa. (July 1985) "Assessment of Media Measures in Pre-Post"
26. Brehm, John. (August 1985). "Analysis of Result Code Disposition for Continuous Monitoring by Time in Field: Report to the Board of Overseers, National Election Studies."
27. Morchio, Giovanna, Maria Sanchez and Santa Traugott. (November 1985). "Mode Differences: DK Responses in the 1984 Post-Election Survey: A Report to the Board of Overseers, National Election Studies."
28. Morchio, Giovanna and Santa Traugott. (February 1986) "Congressional District Assignment in an RDD Sample: Results of 1982 CATI Experiment."
29. Brehm, John and Santa Traugott. (March 1986) "Similarity and Representativeness of the 1985 Pilot Half-samples."
30. Gronke, Paul. (September 1986) "NES Question C2: R's Party Registration."
31. Brehm, John. (March 1987) "How Representative is the 1986 Post-Election Survey?"
32. Morchio, Giovanna. (May 1987) "Trends in NES Response Rates."
33. Brehm, John. (December 1987) "Who's Missing? an Analysis of NonResponse in the 1986 Election Study: A Report to the Board of Overseers, National Election Studies."
34. Traugott, Santa. (August 1989) "Validating Self-Reported Vote: 1964-1988."
35. Belli, Robert, Traugott, Santa, and Steven J. Rosenstone. (November, 1994) "Reducing Over-Reporting of Voter Turnout: An Experiment using a Source Monitoring Framework."
36. Traugott, Santa and Giovanna Morchio. (March 1990) "Assessment of Bias Due to Attrition and Sample Selection in the NES 1989 Pilot Study."
37. "Post-Stratified Cross-Sectional Analysis Weights for the 1992, 1994 and 1996 NES data." (April 1998) Prepared by the Sampling Section Division of Surveys and Technologies.
38. Gronke, Paul. (May 1990) "Assessing the Sample Quality of the 1988 Senate Election Study: A response to Wright."

39. Presser, Stanley, Michael W. Traugott and Santa Traugott. (November 1990). "Vote 'Over' Reporting in Surveys: The Records or the Respondents?"
40. Bloom, Joel. (March 1991) "Sources of Pro-incumbent Bias in NES Survey Estimates for U.S. House Races since 1978: A Second Look."
41. Mayer, Russell. (November 1991) "Identifying Bias in Voting Models."
42. Traugott, Michael W., Santa Traugott and Stanley Presser. (May 1992) "Revalidation of Self-Reported Vote."
43. Rosenstone, Steven J., Margaret Petrella and Donald R. Kinder. (April 1993) "The Consequences of Substituting Telephone for Face-to-Face Interviewing in the 1992 National Election Study."
44. Luevano, Patricia. (March 1994) "Response Rates in the National Election Studies, 1948-1992."
45. Traugott, Santa and Steven J. Rosenstone. (Nov. 1994) "Panel Attrition Among the 1990-1992 Panel Respondents."
46. Traugott, Santa and Steven J. Rosenstone. (Nov. 1994) "Demographic Characteristics of Respondents to the 1980, 1984 and 1988 NES Pre-Election Studies by Week of Interview."
47. Traugott, Santa. (Nov. 1994) "Candidate Traits Used in NES Studies, 1979-1994."
48. Traugott, Santa. (Nov. 1994) "Affects Towards Candidates Used in NES Studies, 1979-1994."
49. Traugott, Santa. (Nov. 1994) "Candidate Placements Used in NES Studies, 1968-1994."
50. Sheng, Shing-Yuan. (Jan. 1995) "NES Measurements of Values and Pre-Dispositions, 1984-1992."
51. Traugott, Santa. (Feb. 1995) "NES Question Batteries: Measuring Values and Dispositions, 1983-1994."
52. Tolleson-Rinehart, Sue, et.al. (May 1994) "The Reliability, Validity, and Scalability of Indicators of Gender Role Beliefs and Feminism in the 1992 National Election Study: A Report to the ANES Board of Overseers."
53. Heeringa, Steve. (April 1998) "The Surveycraft CATI system's 'Random Number Generation' features and their Effects on Analysis of the 1997 NES Pilot 'Group threat' Experiment."
54. Traugott, Santa and Giovanna Morchio. (March 1990) "Assessment of bias due to attrition and sample selection in the NES 1989 Pilot Study."

□

>> NES 1997 PILOT STUDY REPORTS

Bowers, Jake. Black Threat and Christian Fundamentalist Threat: A National Election Study 1997 Pilot Study Report.

Burden, Barry C. and Janet M. Box-Steffensmeier. Vote Likelihood and Institutional Trait Questions in the 1997 NES Pilot Study.

Carman, Christopher and Christopher Wlezien. Ideological Evaluations of Government Institutions and Policy.

Freedman, Paul and Ken Goldstein. Partial Birth Abortion Item, 1997 Pilot Study.

Rahn, Wendy and Christina Wessel. Perceptions of the Partisan Homogeneity of Social Groups: A Report to the NES Board of Overseers.

Sapiro, Virginia. Pro-Life People or Opponents of Abortion? Pro-Choice People or Supporters of Abortion? A Report on the NES 1997 Pilot Study.

Sapiro, Virginia. The Impact of "Groups Talk" A Report on the NES 1997 Pilot Study.

Wald, Kenneth D., et al. Evaluation of the New Religious Items on the NES 1997 Pilot Study: A Report to the NES Board.

Wlezien, Christopher. Liberal-Conservative Evaluations of Groups.

Wong, Cara. Group Closeness: 1997 National Election Study Pilot Report.

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>> 1998 VARIABLE DESCRIPTION LIST

Note: as in this Variable Description List, the variable names in the SAS and SPSS data definition files have a "V" prefix, e.g. "V980003", "VICPSR98" etc.; however in the codebook's variable documentation (file nes1998.cbk) the "V" prefix is omitted (980003,ICPSR98).

#### IDENTIFICATION AND WEIGHTS

Variable

Name	Item	Description
VVERSION	Process.1	VERSION NUMBER
VDSETNO	Process.2	NES DATASET NUMBER
VICPSR98	Process.3	ICPSR ARCHIVE NUMBER
V980001	Process.4	1998 CASE ID
V980002	Process.5	POST-STRATIFIED SAMPLE WEIGHT

#### ADMINISTRATIVE AND FIELD VARS

Variable

Name	Item	Description
V980003	Admin.1	MONTH OF INTERVIEW
V980004	Admin.2	DAY OF INTERVIEW
V980005	Admin.3	# OF DAYS AFTER ELECTION DAY
V980006	Admin.4	BEGINNING TIME (LOCAL)
V980007	Admin.5	ENDING TIME (LOCAL)
V980008	Admin.6	LENGTH OF INTERVIEW IN MINUTES
V980009	Admin.7	INTERVIEWER'S INTERVIEW NUMBER
V980010	Admin.8	DATE OF BEINNING VQ FILE
V980011	Admin.9	DATE OF ENDING VQ FILE
V980012	Admin.10	FLAG - CHANGE IN VQ VERSION
V980013	Admin.11	PAYMENT AMOUNT
V980013a	Admin.11a	PAYMENT MODE
V980013b	Admin.11b	PAYMENT DATE

V980014	Admin.12	WAS INTERVIEW TAPE RECORDED
V980015	Admin.13	VERIFICATION INDICATOR
V980016	Admin.14	EVALUATION INDICATOR
V980017	Admin.15	REFUSAL CONVERSION INDICATOR
V980018	Admin.16	WAS PERSUASION LETTER SENT
V980018a	Admin.16a	PERSUASION LETTER REQUESTED
V980018b	Admin.16b	PERSUASION LETTER SENT
V980019	Admin.17	TYPE OF PERSUASION LETTER SENT
V980020	Admin.18	NUMBER OF TELEPHONE CALLS
V980021	Admin.19	NUMBER OF FACE TO FACE CALLS
V980022	Admin.20	TOTAL NUMBER OF CALLS (PHONE+FTF) MADE BY IWR
V980023	Admin.21	CODE FOR FINAL RESULT OF INTERVIEW
V980024	Admin.22	BEGINNING MODE--PERSONAL OR PHONE
V980025	Admin.23	ENDING MODE -- PERSONAL OR PHONE
V980026	Admin.24	FLAG - CHANGE IN IW MODE
V980027	Admin.25	SAMPLE RELEASE
V980028	Admin.26	LANGUAGE OF INTERVIEW

## COVERSHEET

## Variable

Name	Item	Description
V980029	CSheet.1	FLAG - MISSING COVERSHEET
V980030	CSheet.2	COLOR OF COVERSHEET
V980031	CSheet.3	CS -SOURCE OF HOUSEHOLD LISTING
V980032	CSheet.4	CS - SELECTION TABLE
V980033	CSheet.5	CS - PERSON # SELECTED AS R
V980034	CSheet.6	CS - TOTAL # OF PERSONS IN HH
V980035	CSheet.7	CS - TOTAL # OF ELIGIBLE ADULTS
V980036	CSheet.8	CS - HOUSEHOLD COMPOSITION CODE
V980037	CSheet.9	CS - NUMBER OF CHILDREN UNDER 6 YRS OLD
V980038	CSheet.10	CS - NUMBER OF CHILDREN 6-9 YRS OLD
V980039	CSheet.11	CS - NUMBER OF CHILDREN 10-13 YRS OLD
V980040	CSheet.12	CS - NUMBER OF CHILDREN 14-17 YRS OLD
V980041	CSheet.13	CS - SUMMARY - Number of Children in HH
V980042	CSheet.14	CS - TYPE OF HOUSING UNIT
V980043	CSheet.15	CS - GATEKEEPER REQUIRED TO ACCESS HU
V980044	CSheet.16	CS - GATEKEEPER DESCRIPTION
V980045	CSheet.17	CS - CONTACT DESC: INITIAL REFUSAL?
V980046	CSheet.18	CS - CONTACT DESC: BROKEN APPOINTMENT?
V980047	CSheet.19	CS - RESISTANCE TO INTERVIEW?
V980048	CSheet.20	CS - REASON FOR RESISTANCE: WASTE TIME
V980049	CSheet.21	CS - REASON FOR RESISTANCE: VERY ILL
V980050	CSheet.22	CS - REASON FOR RESISTANCE: TOO BUSY
V980051	CSheet.23	CS - REASON:STRESSFUL FAMILY SITUATION
V980052	CSheet.24	CS - REASON RESISTANCE: CONFIDENTIALTY
V980053	CSheet.25	CS - REASON FOR RESISTANCE: INV OF PRIVACY
V980054	CSheet.26	CS - REASON FOR RESISTANCE: NONE GIVEN
V980055	CSheet.27	CS - REASON FOR RESISTANCE: OTHER

NOTE: IWR observation is at end of survey vars (not coversheet)

## INTERVIEWER DESCRIPTION

## Variable

Name	Item	Description
V980056	IWR.1	INTERVIEWER OF RECORD ID
V980057	IWR.2	SUPERVISOR ID
V980058	IWR.3	INTERVIEWER GENDER
V980059	IWR.4	INTERVIEWER EDUCATION
V980060	IWR.5	INTERVIEWER RACE



V980061	IWR.6	INTERVIEWER ETHNICITY
V980062	IWR.7	INTERVIEWER LANGUAGES
V980063	IWR.8	INTERVIEWER YEARS EXPERIENCE
V980064	IWR.9	INTERVIEWER AGE (BRACKETTED)

## CANDIDATE AND TYPE RACE INFORMATION

Variable Name	Item	Description
V980065	Cand.1	RACE TYPE: HOUSE
V980065a	Cand.1a	RACE TYPE: HOUSE OUTSIDE CD)
V980066	Cand.2	RACE TYPE: SENATE
V980066a	Cand.2a	RACE TYPE: SENATE (OUTSIDE CD)
V980067	Cand.3	RACE TYPE: GUBERNATORIAL
V980067a	Cand.3a	RACE TYPE: GUBERNATORIAL (OUTSIDE CD)
V980068	Cand.4	DEMOCRATIC HOUSE CANDIDATE CODE
V980068a	Cand.4a	DEMOCRATIC HOUSE CANDIDATE CODE (OUTSIDE CD)
V980069	Cand.5	DEMOCRATIC HOUSE CANDIDATE GENDER
V980069a	Cand.5a	DEMOCRATIC HOUSE CANDIDATE GENDER (OUTSIDE CD)
V980070	Cand.6	DEMOCRATIC HOUSE CANDIDATE NAME
V980070a	Cand.6a	DEMOCRATIC HOUSE CANDIDATE NAME (OUTSIDE CD)
V980071	Cand.7	REPUBLICAN HOUSE CANDIDATE CODE
V980071a	Cand7a	REPUBLICAN HOUSE CANDIDATE CODE (OUTSIDE CD)
V980072	Cand.8	REPUBLICAN HOUSE CANDIDATE GENDER
V980072a	Cand.8a	REPUBLICAN HOUSE CANDIDATE GENDER (OUTSIDE CD)
V980073	Cand.9	REPUBLICAN HOUSE CANDIDATE NAME
V980073a	Cand.9a	REPUBLICAN HOUSE CANDIDATE NAME (OUTSIDE CD)
V980074	Cand.10	DEMOCRATIC SENATE CANDIDATE CODE
V980074a	Cand.10a	DEMOCRATIC SENATE CANDIDATE CODE (OUTSIDE CD)
V980075	Cand.11	DEMOCRATIC SENATE CANDIDATE GENDER
V980075a	Cand.11a	DEMOCRATIC SENATE CANDIDATE GENDER (OUTSIDE CD)
V980076	Cand.12	DEMOCRATIC SENATE CANDIDATE NAME
V980076a	Cand.12a	DEMOCRATIC SENATE CANDIDATE NAME (OUTSIDE CD)
V980077	Cand.13	REPUBLICAN SENATE CANDIDATE CODE
V980077a	Cand.13a	REPUBLICAN SENATE CANDIDATE CODE (OUTSIDE CD)
V980078	Cand.14	REPUBLICAN SENATE CANDIDATE GENDER
V980078a	Cand.14a	REPUBLICAN SENATE CANDIDATE GENDER (OUTSIDE CD)
V980079	Cand.15	REPUBLICAN SENATE CANDIDATE NAME
V980079a	Cand.15a	REPUBLICAN SENATE CANDIDATE NAME (OUTSIDE CD)
V980080	Cand.16	DEMOCRATIC GUBERNATORIAL CANDIDATE CODE
V980080a	Cand.16a	DEMOCRATIC GUBERNATORIAL CANDIDATE CODE (OUTSIDE CD)
V980081	Cand.17	DEMOCRATIC GUBERNATORIAL CANDIDATE GENDER
V980081a	Cand.17a	DEMOCRATIC GUBERNATORIAL CANDIDATE GENDER (OUTSIDE CD)
V980082	Cand.18	DEMOCRATIC GUBERNATORIAL CANDIDATE NAME
V980082a	Cand.18a	DEMOCRATIC GUBERNATORIAL CANDIDATE NAME (OUTSIDE CD)
V980083	Cand.19	REPUBLICAN GUBERNATORIAL CANDIDATE CODE
V980083a	Cand.19a	REPUBLICAN GUBERNATORIAL CANDIDATE CODE (OUTSIDE CD)
V980084	Cand.20	REPUBLICAN GUBERNATORIAL CANDIDATE GENDER
V980084a	Cand.20a	REPUBLICAN GUBERNATORIAL CANDIDATE GENDER (OUTSIDE CD)
V980085	Cand.21	REPUBLICAN GUBERNATORIAL CANDIDATE NAME
V980085a	Cand.21a	REPUBLICAN GUBERNATORIAL CANDIDATE NAME (OUTSIDE CD)

## SAMPLING INFORMATION

Variable Name	Item	Description
V980086	Sample.1	ICPSR ST CODE - INTERVIEW LOCATION
V980087	Sample.2	FIPS ST CODE - INTERVIEW LOCATION
V980088	Sample.3	1996 STATE ABBREV AND CONG DISTR
V980089	Sample.4	1996 STATE AND CD

V980090	Sample.5	CONGRESSIONAL DISTRICT NUMBER
V980091	Sample.6	DID R VOTE OUTSIDE OF IW CONGR DISTRICT
V980092	Sample.7	STATE AND CD FOR VOTERS OUT OF CD
V980093	Sample.8	FIPS STATE AND COUNTY
V980094	Sample.9	PRIMARY AREA NAME
V980095	Sample.10	PRIMARY AREA CODE
V980096	Sample.11	SEGMENT NUMBER
V980097	Sample.12	NUMBER OF HOUSEHOLD UNITS
V980098	Sample.13	CENSUS R
V980099	Sample.14	BELT CODE
V980100	Sample.15	POPULATION IN 1000S
V980101	Sample.16	CENSUS SIZE OF PLACE
V980102	Sample.17	CENSUS TRACT/ED INDICATOR
V980103	Sample.18	1996 SAMPLING ERROR CODE
V980104	Sample.19	1990 CENSUS NECMA/SMSA
V980105	Sample.20	1990 CENSUS CMSA
V980106	Sample.21	1990 CENSUS TRACT 1
V980107	Sample.22	1990 CENSUS TRACT 2

## SUMMARY DESCRIPTIONS/CALCULATIONS

## Variable

Name	Item	Description
V980108	Summary.1	WRONG CD ADMINISTERED IN PRE-FLAG
V980108a	Summary.1a	INCORRECT TYPE RACE/CANDIDATE PRELOAD
V980109	Summary.2	Section timing - Section A
V980110	Summary.3	Section timing - Section B
V980111	Summary.4	Section timing - Section C
V980112	Summary.5	Section timing - Section D
V980113	Summary.6	Section timing - Section E
V980114	Summary.7	Section timing - Section F
V980115	Summary.8	Section timing - Section G
V980116	Summary.9	Section timing - Section H
V980117	Summary.10	Section timing - Section J
V980118	Summary.11	Section timing - Section K
V980119	Summary.12	Section timing - Section M
V980120	Summary.13	Section timing - Section N
V980121	Summary.14	Section timing - Section P
V980122	Summary.15	Section timing - Section X
V980123	Summary.16	Section timing - Section Y

Note: Length of IW is item Admin.6

## SURVEY SECTION A

## Variable

Name	Item	Description
V980201	A1	HOW INTERESTED WAS R IN THE CAMPAIGNS THIS YEAR
V980202	A2	HOW MANY DAYS IN PAST WEEK DID R READ THE NEWSPAPER
V980203	A3	DOES R HAVE CABLE OR SATELLITE TV
V980204	A4	HOW MANY DAYS IN PAST WEEK R WATCHED THE NAT NEWS ON TV
V980205	A5	DAYS R WATCH LOCAL NEWS LAST WEEK
V980206	A6	DID R LISTEN TO SPEECHES/DISCUSSIONS ON THE RADIO?
V980207	A7	R LISTEN TO POLITICAL TALK RADIO
V980208	A7a	FREQ R LISTEN TO POLITICAL TALK RADIO
V980209	A8	DOES R HAVE ACCESS TO THE INTERNET OR WORLD WIDE WEB?
V980210	A8a	DID R SEE ANY INFORMATION ABOUT CAMPAIGN ON INTERNET?
V980211	A9	DOES R DISCUSS POLITICS WITH FAMILY/FRIENDS?
V980212	A9a	FREQUENCY OF POLITICAL DISCUSSIONS
V980213	A9b	FREQ PAST WEEK POLITICAL DISCUSSIONS W/ FRIENDS/FAMILY
V980214	A10	DID R VOTE FOR PRESIDENT IN THE 1996 ELECTION

V980215	A10a	WHO DID R VOTE FOR IN THE 1996 PRESIDENTIAL RACE
V980216	A11	DOES R APPROVE OR DISAPPROVE OF CLINTON HANDLING JOB
V980217	A11a/b	DOES R STRGLY APPROVE OR DISAPPROVE OF CLINTON
V980218	A12	DOES R APP/DISAPP OF CLINTON'S HANDLING OF THE ECON
V980219	A12a/b	DOES R STRGLY APP/DISAPP OF CLINTON'S HANDLING OF ECON
V980220	A13	DOES R APP/DISAPP OF CLINTON'S HANDLING OF FOR RELAT
V980221	A13a/b	DOES R STRGLY APP OR DISAPP CLINTON'S FORGN RELAT

## SURVEY SECTION B

## Variable

Name	Item	Description
V980222	B1	DID R CARE ABOUT RESULT OF HOUSE ELECTION
V980223	B2	DOES R REMEMBER NAMES OF HOUSE CANDS IN R'S DISTRICT
V980224	B2a1	R'S RECALL OF NAME OF HOUSE CANDIDATE (FIRST MENTION)
V980225	B2a2	R'S RECALL OF PARTY OF HOUSE CANDIDATE (FIRST MENTION)
V980226	B2a3	#1 HOUSE CAND RECALL- ACTUAL PARTY
V980227	B2a4	#1 HOUSE CAND RECALL- ACCURACY
V980228	B2b1	R'S RECALL OF NAME OF HOUSE CANDIDATE (SECOND MENTION)
V980229	B2b2	R'S RECALL OF PARTY OF HOUSE CANDIDATE (SECOND MENTION)
V980230	B2b3	#2 HOUSE CAND RECALL- ACTUAL PARTY
V980231	B2b4	#2 HOUSE CAND RECALL- ACCURACY
V980232	B2c1	R'S RECALL OF NAME OF HOUSE CANDIDATE (THIRD MENTION)
V980233	B2c2	R'S RECALL OF PARTY OF HOUSE CANDIDATE (FIRST MENTION)
V980234	B2c3	#3 HOUSE CAND RECALL- ACTUAL PARTY
V980235	B2c4	#3 HOUSE CAND RECALL- ACCURACY
V980236	B3	DOES R APPROVE OR DISAPPROVE OF CONGRESS
V980237	B3a/b	DOES R STRONGLY APPROVE OR DISAPPROVE OF CONGRESS
V980238	B4a	CLINTON FEELING THERMOMETER
V980239	B4b1	DEMOCRATIC HOUSE CANDIDATE FEELING THERMOMETER
V980240	B4b2	REPUBLICAN HOUSE CANDIDATE FEELING THERMOMETER
V980241	B4c1	THERMOMETER DEM SEN CAND
V980242	B4c2	THERMOMETER REP SEN CAND
V980243	B4d	AL GORE FEELING THERMOMETER
V980244	B4e	NEWT GINGRICH FEELING THERMOMETER
V980245	B4f	GEORGE BUSH JR FEELING THERMOMETER
V980246	B4g	DAN QUAYLE THERMOMETER
V980247	B4h	STEVE FORBES FEELING THERMOMETER
V980248	B4i	KEN STAR FEELING THERMOMETER
V980249	B4j	PAT BUCHANAN FEELING THERMOMETER
V980250	B4k	ELIZABETH DOLE FEELING THERMOMETER
V980251	B4m	RICHARD GEPHARDT FEELING THERMOMETER
V980252	B4n	PAUL WELLSTONE FEELING THERMOMETER
V980253	B4o	JOHN MCCAIN FEELING THERMOMETER
V980254	B4p	BILL BRADLEY FEELING THERMOMETER
V980255	B4q	BOB KERREY FEELING THERMOMETER
V980256	B4r	JOHN KERRY FEELING THERMOMETER
V980257	B4s	GARY BAUER FEELING THERMOMETER
V980258	B4t	JOHN ASHCROFT FEELING THERMOMETER
V980259	B4u	HILLARY CLINTON FEELING THERMOMETER
V980260	B5a	DEMOCRATIC PARTY FEELING THERMOMETER
V980261	B5b	REPUBLICAN PARTY FEELING THERMOMETER
V980262	B5c	BLACKS FEELING THERMOMETER
V980263	B5d	THE RELIGIOUS RIGHT FEELING THERMOMETER
V980264	B5e	CONSERVATIVES FEELING THERMOMETER
V980265	B5f	GAY MEN AND LESBIANS FEELING THERMOMETER
V980266	B5g	LABOR UNIONS FEELING THERMOMETER
V980267	B5h	LIBERALS FEELING THERMOMETER
V980268	B5j	POOR PEOPLE FEELING THERMOMETER
V980269	B5k	RICH PEOPLE FEELING THERMOMETER

V980270	B5m	WHITES FEELING THERMOMETER
V980271	B5n	COLLEGE-EDUCATED PEOPLE FEELING THERMOMETER
V980272	B5p	BUSINESS FEELING THERMOMETER
V980273	B5q	CONGRESS FEELING THERMOMETER
V980274	B5r	NEWS MEDIA FEELING THERMOMETER

## SURVEY SECTION C

## Variable

Name	Item	Description
V980275	C1	WAS THERE ANYTHING R LIKED ABOUT DEM HOUSE CANDIDATE?
V980276	C1a1	#1 MENTION - R LIKE OF DEMOCRATIC HOUSE CANDIDATE
V980277	C1a2	#2 MENTION - R LIKE OF DEMOCRATIC HOUSE CANDIDATE
V980278	C1a3	#3 MENTION - R LIKE OF DEMOCRATIC HOUSE CANDIDATE
V980279	C1a4	#4 MENTION - R LIKE OF DEMOCRATIC HOUSE CANDIDATE
V980280	C1a5	#5 MENTION - R LIKE OF DEMOCRATIC HOUSE CANDIDATE
V980281	C2	WAS THERE ANYTHING R DISLIKED ABOUT DEM HOUSE CAND?
V980282	C2a1	#1 MENTION - R DISLIKE OF DEMOCRATIC HOUSE CANDIDATE
V980283	C2a2	#2 MENTION - R DISLIKE OF DEMOCRATIC HOUSE CANDIDATE
V980284	C2a3	#3 MENTION - R DISLIKE OF DEMOCRATIC HOUSE CANDIDATE
V980285	C2a4	#4 MENTION - R DISLIKE OF DEMOCRATIC HOUSE CANDIDATE
V980286	C2a5	#5 MENTION - R DISLIKE OF DEMOCRATIC HOUSE CANDIDATE
V980287	C3	WAS THERE ANYTHING R LIKED ABOUT REPUB HOUSE CANDIDATE?
V980288	C3a1	LIKE #1 REPUB HOUSE CANDIDATE
V980289	C3a2	LIKE #2 REPUB HOUSE CANDIDATE
V980290	C3a3	LIKE #3 REPUB HOUSE CANDIDATE
V980291	C3a4	LIKE #4 REPUB HOUSE CANDIDATE
V980292	C3a5	LIKE #5 REPUB HOUSE CANDIDATE
V980293	C4	WAS THERE ANYTHING R DISLIKED ABOUT REPUB HOUSE CAND?
V980294	C4a1	#1 MENTION - R DISLIKE OF REPUBLICAN HOUSE CANDIDATE
V980295	C4a2	#1 MENTION - R DISLIKE OF REPUBLICAN HOUSE CANDIDATE
V980296	C4a3	#3 MENTION - R DISLIKE OF REPUBLICAN HOUSE CANDIDATE
V980297	C4a4	#4 MENTION - R DISLIKE OF REPUBLICAN HOUSE CANDIDATE
V980298	C4a5	#1 MENTION - R DISLIKE OF REPUBLICAN HOUSE CANDIDATE
V980299	C5	DOES R KNOW IF EITHER HOUSE CAND IS THE INCUMBENT?
V980300	C5a	CODE-CAND IDENTIFIED AS INCUM-2 CAND RACE
V980301	C6	IF ONLY 1 CANDIDATE RAN - WAS THAT CANDIDATE INCUMBENT?
V980302	C6a	CODE-CAND IDENTIFIED AS INCUM-1 CAND RACE

## SURVEY SECTION D

## Variable

Name	Item	Description
V980303	D1	DID R VOTE IN 1998?
V980304	D1a	WAS R REGISTERED?
V980305	D2	IS R REGISTERED TO VOTE IN COUNTY?
V980306	D2a	(IF NOT REGISTERED IN COUNTY) WHAT COUNTY REGISTERED?
V980307	D2b	(OUT OF COUNTY) STATE OF REG- CODE
V980307a	D2c	DATA CHECKPOINT: DID R VOTE IN CD OF IW?
V980307b	D2d	DATA CHECKPOINT: R VOTE OUTSIDE OF STATE AND CD
V980308	D3	DID R VOTE ON NOV 3RD OR BEFORE THAT?
V980309	D3a	(IF BEFORE NOV 3) HOW LONG BEFORE NOV 3RD?
V980310	D4	DID R VOTE IS PERSON OR BY ABSENTEE BALLOT?
V980311	D5	DID R VOTE FOR U.S. HOUSE CANDIDATE?
V980312	D5a/D5aa	R'S VOTE- U.S. HOUSE CANDIDATE- CODE
V980313	D5b	PARTY OF HOUSE VOTE
V980314	D5x	CKPOINT: SENATE RACE IN STATE OF IW?
V980314a	D5x1	CKPOINT: SENATE RACE IN STATE OF VOTE?
V980315	D6	DID R VOTE FOR A SENATE CANDIDATE
V980316	D6a/D6aa	R'S SENATE VOTE- CODE

V980317	D6b	PARTY OF SENATE VOTE
V980318	D6x	CKPOINT: GUBERNATORIAL RACE IN STATE OF IW?
V980318a	D6x1	CKPOINT: SENATE RACE IN STATE OF VOTE?
V980319	D7	DID R VOTE FOR GOVERNOR
V980320	D7a/D7aa	R GUBERNATORIAL VOTE- CODE
V980321	D7b	PARTY OF GUBERNATORIAL VOTE
V980322	D8	(IF R DID NOT VOTE) DID R PREFER CAND FOR U.S. HOUSE?
V980323	D8a	(IF R DID NOT VOTE) WHICH HSE CAND DID R PREFER -CODE
V980324	D8b	PARTY OF NONVOTER HOUSE PREFERENCE

## SURVEY SECTION E

## Variable

Name	Item	Description
V980325	E0	DATA CKPT: RUNNING INCUMBENT IN RACE?
V980326	E1	DOES R APPROVE/DISAPPROVE OF RUNNING HOUSE INCUMBENT?
V980327	E1a/b	STRENGTH OF R'S APPROVAL/DISAPPROVAL OF HOUSE INCUMBENT
V980328	E2	HOW WELL HAS INCUMBENT KEPT IN TOUCH WITH DISTRICT?
V980329	E3	DOES R KNOW THE NO. YRS THAT INCUM HAS BEEN IN HOUSE?
V980330	E3a	(IF YES) HOW MANY YEARS HAS INCUMBENT BEEN IN HOUSE?
V980331	E3b	(IF DK) HAS INCUM BEEN IN HOUSE LESS/ABOUT/MORE 12 YRS?
V980332	E4	HOW OFTEN DOES R THINKHOUSE INCUMBENT SUPPORTS CLINTON?
V980333	E4a	(IF MORE THAN HALF) ALMOST ALWAYS?
V980334	E4b	(IF LESS THAN HALF) ALMOST NEVER?
V980335	E5	DOES R FAVOR 12-YEAR TERM LIMIT ON MEMBERS OF CONGRESS
V980336	E6	R'S PARTY IDENTIFICATION
V980337	E6a/b	STRENGTH OF R'S PARTY IDENTIFICATION
V980338	E6c	(IF R IS INDEP/NO PREFERENCE) R CLOSER TO ONE PARTY
V980339	E6x	SUMMARY - PARTY ID

## SURVEY SECTION F

## Variable

Name	Item	Description
V980340	F1	HOW MUCH DOES R FOLLOW GOVERNMENT AND PUBLIC AFFAIRS?
V980341	F2 (1)	MOST IMPORTANT PROBLEM - #1
V980342	F2 (2)	MOST IMPORTANT PROBLEM - #2
V980343	F2 (3)	MOST IMPORTANT PROBLEM - #3
V980344	F2 (4)	MOST IMPORTANT PROBLEM - #4
V980345	F3	CKPT: # MENTIONS MOST IMPORTANT PROB
V980346	F4	CHOICE - MOST IMPORTANT PROBLEM
V980347	F5	GOVT PERFORMANCE ON MOST IMP PROBLEM
V980348	F6	PARTY PERFORMANCE ON MOST IMP PROBLEM

## SURVEY SECTION G

## Variable

Name	Item	Description
V980349	G1	WAS R CONTACTED BY ANY POLITICAL PARTY?
V980350	G1a	WHICH PARTY CONTACTED R?
V980351	G2	DID ANYONE ELSE CONTACT R ABOUT CAND IN THE ELECTION?
V980352	G2a(1)	WHICH CAND WAS R ASKED TO SUPPORT (1)
V980353	G2a(2)	WHICH CAND WAS R ASKED TO SUPPORT (2)
V980354	G3	DID ANYONE TALK TO R ABOUT REGISTERING TO VOTE?
V980355	G4	DID RELIG/MORAL GROUP CONTACT R ABOUT R'S VOTE?
V980356	G5	CAMPAIGN INFORMATION AVAILABLE AT R'S PLACE OF WORSHIP?
V980357	G5a	DID R' CLERGY GIVE ADVICE TO R ON HOW TO VOTE?
V980358	G5b(1)	WHICH CANDIDATE DID R' CLERGY RECOMMEND - #1 MENTION
V980359	G5b(2)	WHICH CANDIDATE DID R' CLERGY RECOMMEND - #2 MENTION
V980360	G5b(3)	WHICH CANDIDATE DID R' CLERGY RECOMMEND - #3 MENTION

V980361	G6	R TALK TO OTHERS ABOUT VOTING FOR/AGAINST PARTY/ CAND?
V980362	G7	DID R WEAR BUTTON, PLACE A SIGN, PUT A STICKER ON CAR?
V980363	G8	DID R ATTEND ANY MEETINGS, SPEECHES, RALLIES FOR CAND?
V980364	G9	DID R WORK FOR ANY ONE OF THE PARTIES OR CANDIDATES?
V980365	G10	DID R CONTRIBUTE MONEY TO A CAND RUNNING FOR OFFICE?
V980366	G10a	WHICH PARTY THE CANDIDATE THAT R CONTRIBUTED TO BELONG?
V980367	G11	DID R GIVE MONEY TO A POLIT CAND DURING ELECTION YEAR?
V980368	G11a	WHICH PARTY DID R CONTRIBUTE MONEY TO?
V980369	G12	DID R GIVE \$ TO OTHER GROUP THAT SUPPORTED/OPP CAND?

## SURVEY SECTION H

## Variable

Name	Item	Description
V980370	H1	DOES R THINK THERE ARE IMP DIFF BETWEEN REPS AND DEMS?
V980371	H1a1	IMPORTANT DIFFERENCE: #1 MENTION
V980372	H1a2	PARTY REFERENCE #1 - IMP PARTY DIFF
V980373	H1b1	IMPORTANT DIFFERENCE: #2 MENTION
V980374	H1b2	PARTY REFERENCE #2 - IMP PARTY DIFF
V980375	H1c1	IMPORTANT DIFFERENCE: #3 MENTION
V980376	H1c2	PARTY REFERENCE #3 - IMP PARTY DIFF
V980377	H1d1	IMPORTANT DIFFERENCE: #4 MENTION
V980378	H1d2	PARTY REFERENCE #4 - IMP PARTY DIFF
V980379	H1e1	IMPORTANT DIFFERENCE: #5 MENTION
V980380	H1e2	PARTY REFERENCE #5 - IMP PARTY DIFF
V980381	H1f1	IMPORTANT DIFFERENCE: #6 MENTION
V980382	H1f2	PARTY REFERENCE #6 - IMP PARTY DIFF
V980383	H2	WHICH PARTY WOULD DO A BET JOB OF DEALING WITH CRIME
V980384	H2a	WHICH PARTY WOULD DO A BET JOB OF HANDLING THE ECONOMY
V980385	H2b	WHICH PARTY HANDLE ENVIRONMENT BEST
V980386	H2c	WHICH PARTY WOULD BETTER HANDLE FOREIGN AFFAIRS
V980387	H2d	WHICH PARTY PROTECT SOC SECURITY BEST
V980388	H3	WHICH PARTY BEST FOR AM FAMILIES
V980389	H4a	HAS CLINTON EVER MADE R FEEL ANGRY
V980390	H4a1	HOW OFTEN HAS CLINTON MADE R FEEL ANGRY
V980391	H4b	HAS CLINTON EVER MADE R FEEL HOPEFUL
V980392	H4b1	HOW OFTEN HAS CLINTON MADE R FEEL HOPEFUL
V980393	H4c	HAS CLINTON EVER MADE R FEEL AFRAID
V980394	H4c1	HOW OFTEN HAS CLINTON MADE R FEEL AFRAID
V980395	H4d	HAS CLINTON EVER MADE R FEEL PROUD
V980396	H4d1	HOW OFTEN HAS CLINTON MADE R FEEL PROUD
V980397	H4e	DISGUSTED - CLINTON AFFECT
V980398	H4e1	HOW OFTEN DISGUSTED CLINTON AFFECT
V980399	H5a	R'S SELF-PLACEMENT ON LIBERAL/CONSERVATIVE SCALE
V980400	H5a1	HOW CERTAIN IS R OF SELF-PLACEMENT ON LIB/CON SCALE
V980401	H5aa	IF R HAD TO CHOOSE, WOULD R BE LIB OR CON
V980402	H5x	SUMMARY- SELF-PLACEMENT LIB-CON
V980403	H5b	R'S PLACEMENT OF CLINTON ON LIBERAL-CON SCALE
V980404	H5b1	HOW CERTAIN PLACEMENT OF CLINTON ON LIB/CON SCALE
V980405	H5c	GORE PLACEMENT LIB-CON SCALE
V980406	H5c1	CERTAIN- GORE LIB-CON PLACEMENT
V980407	H5d	R'S PLACEMENT OF DEM HSE CAND ON LIB/CON SCALE
V980408	H5d1	HOW CERT IS R OF PLACE OF DEM HSE CAND ON LIB/CON SCALE
V980409	H5e	R'S PLACEMENT OF REP HSE CAND ON LIB/CON SCALE
V980410	H5e1	HOW CERTAIN PLACEMT OF REP HSE CAND ON LIB/CON SCALE
V980411	H5f	R'S PLACEMENT OF DEMOCRATIC PARTY ON LIB/CON SCALE
V980412	H5g	R'S PLACEMENT OF REPUBLICAN PARTY ON LIB/CON SCALE

## SURVEY SECTION J

## Variable

Name	Item	Description
V980413	J1	COUNTRY IN RIGHT DIRECTION/WRONG TRACK
V980414	J2	IS R BETTER OR WORSE OFF FINANCIALLY THAN A YEAR AGO
V980415	J2a/b	IS R MUCH BETTER/WORSE OFF FINANCIALLY THAN A YEAR AGO
V980416	J3	DOES R THINK R WILL BE BETTER/WORSE OFF FINANC NEXT YR
V980417	J3a/b	DOES R THINK MUCH BETTER/WORSE OFF FINANC NEXT YR
V980418	J4	R THINK ECON HAS GOTTEN BETTER/WORSE OVER PAST YEAR
V980419	J4a/b	R THINK ECON HAS GOTTEN MUCH BETTER/WORSE OVER PAST YR
V980420	J5	R EXPECT ECON TO GET BETTER/WORSE OVER THE NEXT YEAR
V980421	J5a/b	R EXPECT ECON TO GET MUCH BETTER/WORSE OVER THE NEXT YR
V980422	J6	ECON BETTER/WORSE SINCE CLINTON TOOK OFC
V980423	J6a/b	ECON HOW MUCH BETTER/WORSE SINCE CLINTON
V980424	J7	WHO MOST RESPONSIBLE FOR ECON CONDITION
V980425	J8	IS R INVESTED IN STOCK MARKET
V980426	J9	BETTER ONE PARTY OR SPLIT CONTROL
V980427	J10	DOES R THINK THE POLIT SYSTEM SHOULD REMAIN TWO PARTY?
V980428	J11	SOCIETY SHOULD SEE TO EQUAL OPPORTUNITY
V980429	J12	TOO FAR PUSHING EQUAL RIGHTS
V980430	J13a	DOES R CONSIDER CLINTON MORAL
V980431	J13b	DOES R THINK THAT CLINTON CARES ABOUT PEOPLE LIKE R
V980432	J13c	DOES R CONSIDER CLINTON KNOWLEDGEABLE
V980433	J13d	DOES R CONSIDER CLINTON HONEST
V980434	J13e	DOES R CONSIDER CLINTON STRONG LEADER
V980435	J14a	GORE TRAIT- MORAL
V980436	J14b	GORE TRAIT- REALLY CARES
V980437	J14c	GORE TRAIT- KNOWLEDGEABLE
V980438	J14d	GORE TRAIT- HONEST
V980439	J14e	GORE TRAIT- STRONG LEADER
V980440	J15a	CONGRESS TOO LIBERAL/CONSERVATIVE 1
V980441	J15a1	CONGRESS TOO LIBERAL/CONSERVATIVE 2
V980442	J15b	CONGRESS DOESN'T ACCOMPLISH MUCH
V980443	J15c	CONGRESS TOO INVOLVED IN PARTISAN POL
V980444	J15d	CONGRESS DOESN'T CARE WHAT ORDIN THINK

## SURVEY SECTION K

## Variable

Name	Item	Description
V980445	K1	CREDIT FOR BUDGET SURPLUS
V980446	K2	ETHNIC GROUPS- DISTINCT CULTURE/MELT POT
V980447	K3	FAVOR/OPPOSE ENGLISH OFFICIAL LANGUAGE
V980448	K4a	R'S SELF-PLACEMENT ON WOMEN'S RIGHTS SCALE
V980449	K4b	R'S PLACEMENT OF CLINTON ON WOMEN'S RIGHTS SCALE
V980450	K4c	R'S PLACEMENT OF GORE ON WOMEN'S RIGHTS SCALE
V980451	K4d	DEM HSE CAND PLACEMENT EQUAL ROLE SCALE
V980452	K4e	REP HSE CAND PLACEMENT EQUAL ROLE SCALE
V980453	K4f	DEM PARTY PLACEMENT EQUAL ROLE SCALE
V980454	K4g	REP PARTY PLACEMENT EQUAL ROLE SCALE
V980455	K5	R'S OPINION ON THE ISSUE OF SCHOOL PRAYER
V980456	K5a	STRENGTH OF R'S POSITION ON SCHOOL PRAYER
V980457	K6a	R'S SELF-PLACEMENT ON GUAR JOB/STANDARD OF LIVING SCALE
V980458	K6b	R'S PLACE OF CLINTON ON GUAR JOB/STD OF LIVING SCALE
V980459	K6c	GORE- GUAR JOB/STD LIV SCALE
V980460	K6d	DEM HSE CAND- GUAR JOB/STD LIV SCALE
V980461	K6e	REP HSE CAND- GUAR JOB/STD LIV SCALE
V980462	K7a	R'S SELF-PLACE ON AID TO BLACKS SCALE
V980463	K8a	R'S SELF-PLACEMENT ON SERVICES/SPENDING SCALE
V980464	K8b	R'S PLACEMENT OF CLINTON ON SERVICES/SPENDING SCALE
V980465	K8c	GORE- SERVICES/SPEND SCALE

V980466	K8d	R'S PLACEMENT OF DEM HSE CAND ON SERVICE/SPENDING SCALE
V980467	K8e	R'S PLACEMENT OF REP HSE CAND ON SERV/SPENDING SCALE
V980468	K8f	R'S PLACEMENT OF DEM PARTY ON SERVICES/SPENDING SCALE
V980469	K8g	R'S PLACEMENT OF REP PARTY ON SERVICES/SPENDING SCALE
V980470	K9	DOES R FAVOR AFFIRM ACTION IN HIRING AND PROMOTION?
V980471	K9a/b	DOES R FAVOR/OPPOSE AFFIR ACTION STRONGLY / NOT
V980472	K10	RELIGIOUS GROUPS STAY IN/OUT OF POLITICS
V980473	K11	RELIGION DIVIDES/ RELIGIOUS TAKE ACTION
V980474	K12	HOW MUCH OF THE TIME R TRUSTS NEWS MEDIA
V980475	K13a	GORE OFFICE - KNOWLEDGE
V980476	K13b	REHNQUIST OFFICE - KNOWLEDGE
V980477	K13c	YELTSIN OFFICE - KNOWLEDGE
V980478	K13d	GINGRICH OFFICE - KNOWLEDGE
V980479	K14	DOES R RECALL WHICH PARTY WAS IN MAJORITY IN THE HOUSE?
V980480	K15	DOES R RECALL WHICH PARTY WAS IN MAJORITY IN SENATE?
V980481	K16	OFFICIALS SHD HAVE HIGHER MORAL STDS
V980482	K17	R FAVOR/OPPOSE SCHOOL VOUCHER SYSTEM
V980483	K17a/b	HOW MUCH FAVOR/OPP SCHOOL VOUCHER SYSTEM

## SURVEY SECTION M

## Variable

Name	Item	Description
V980484	M1	HAS US POS IN THE WRLD GROWN STR/WEAKER IN THE PAST YR
V980485	M2	HOW WILLING SHOULD THE US BE TO USE MILITARY FORCE
V980486	M3	HOW WILLING- HUMANITARIAN AID
V980487	M4	HOW WILLING- AID TO WORLD ECON CRISES
V980488	M5	SHOULD THE US NOT CONCERN ITSELF WITH PROBLEMS ABROAD
V980489	M6	SHOULD NO. IMMIGRANTS SHOULD BE INCREASE/DECREASED?
V980490	M7	DOES R FAVOR/OPPOSE LIMITING IMPORTS?
V980491	M8	VIETNAM OBJECTORS SHOULD HAVE SERVED
V980492	M9	IS RELIGION AN IMPORTANT PART OF R'S LIFE
V980493	M10	HOW MUCH GUIDANCE DOES RELIGION PROVIDE IN R'S LIFE
V980494	M11	HOW FREQUENTLY DOES R PRAY
V980495	M12	HOW FREQUENTLY DOES R READ THE BIBLE
V980496	M13	R'S VIEW ON WHETHER THE BIBLE IS THE WORD OF GOD
V980497	M14a	R'S SELF-PLACEMENT ON ENVIRONMENTAL REGULATION SCALE
V980498	M14b	GORE -SCALE ENVIR REGULATION
V980499	M14c	DEM HSE CAND- SCALE ENVIR REGULATION
V980500	M14d	REP HSE CAND- SCALE ENVIR REGULATION
V980501	M14e	R'S PLACEMENT OF DEM PARTY ON ENVIRO REGULATION SCALE
V980502	M14f	R'S PLACEMENT OF REP PARTY ON ENVIRO REGULATION SCALE
V980503	M15	DOES R FAVOR OR OPPOSE THE DEATH PENALTY?
V980504	M15a/b	HOW STRONGLY FAVOR /OPPOSE DEATH PENALTY?
V980505	M16a	R'S SELF-PLACEMENT ON ABORTION ISSUE
V980506	M16b	GORE- ABORTION SCALE
V980507	M16c	R'S PLACEMENT OF DEM HOUSE CANDIDATE ON ABORTION ISSUE
V980508	M16d	R'S PLACEMENT OF REP HOUSE CANDIDATE ON ABORTION ISSUE
V980509	M16e	R'S PLACEMENT OF DEM PARTY ON ABORTION ISSUE
V980510	M16f	R'S PLACEMENT OF REP PARTY ON ABORTION ISSUE
V980511	M17	FAV/OPP LATE-TERM ABORTION BAN
V980512	M17a/b	STRENGTH FAV/OPP LATE-TERM ABORTION BAN

## SURVEY SECTION N

## Variable

Name	Item	Description
V980513	N1	IRISH ETC. NO SPECIAL FAVORS- BLACK NTHR
V980514	N2	BLACKS HAVE GOTTEN LESS THAN DESERVE
V980515	N3	SHOULD ADJUST MORAL BEHAVIOR TO CHANGE



V980516	N4	R OPINION: WE SHOULD BE MORE TOLERANT- OTHER MORAL STDS
V980517	N5	MORE EMPHASIS ON TRADITIONAL FAM TIES
V980518	N6	SHOULD BE MORE TOLERANT OF OTHER MORALS
V980519	N7	MARITAL INFIDELITY ALWAYS WRONG
V980520	N8	R PLACMENT- VOTING MAKES DIFF SCALE
V980521	N9	HOW MUCH ATTENTION DOES GOVT PAY TO PEOPLE IN DECISIONS
V980522	N10	DOW MUCH DOES R THINK ELECTIONS MAKE GOVT PAY ATTENTION
V980523	N11	OPINION: POLITICS AND GOVT ARE TOO COMPLICATED
V980524	N12	OPINION: PUBL OFFICIALS DON'T CARE WHAT PEOPLE THINK
V980525	N13	R OPINION: PEOPLE LIKE R DON'T HAVE MUCH SAY IN GOVT
V980526	N14	HOW MANY OF THE PEOPLE IN GOVT ARE CROOKED?
V980527	N15	HOW MUCH OF TAX MONEY DOES R THINK THE GOVT WASTES?
V980528	N16	HOW MUCH OF THE TIME R TRUSTS GOVT TO DO WHAT IS RIGHT
V980529	N17	IS GOVT RUN BY A FEW BIG INTERESTS OR BENEFIT OF ALL?
V980530	N18	US DOESN'T NEED POLITICAL PARTIES
V980531	N19	DOES R THINK THAT MOST PPLE WOULD TRY TO TAKE ADVANT
V980532	N20	DOES R THINK THAT MOST PEOPLE CAN BE TRUSTED

## SURVEY SECTION P

Variable		
Name	Item	Description
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V980533	P1	SHOULD CLINTON RESIGN
V980534	P2	SHOULD CLINTON BE IMPEACHED
V980535	P3	APP/DIS CONGRESS HANDLE CLINTON SCANDAL
V980536	P3a/b	STRNGTH APP/DIS CONGRSS ON CLINTON SCAND
V980537	P4	APPROVE/DISAPP MEDIA ON CLINTON SCANDAL
V980538	P4a/b	STRENGTH APP/DIS MEDIA ON CLINTON SCAND
V980539	P5	CLINTON MATTER PUBLIC OR PRIVATE ISSUE
V980540	P6	IS KENNETH STARR IMPARTIAL OR PARTISAN

## SURVEY SECTION X (RELIGIOUS IDENTIFICATION)

Variable		
Name	Item	Description
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V980541	X1	DOES R ATTEND RELIGIOUS SERVICES
V980542	X1a	DOES R CONSIDER HIMSELF/HERSELF PART OF A CHURCH
V980543	X2	HOW FREQUENTLY DOES R ATTEND RELIGIOUS SERVICES
V980544	X2a	DOES R ATTEND RELIGIOUS SERVICES MORE THAN ONCE/WEEK
V980545	X3	(INTERVIEWER CHECKPOINT) DOES R ATTEND WORSHIP
V980546	X3a	RELIGIOUS AFFILIATION OF R'S PLACE OF WORSHIP
V980547	X3b	R'S RELIGIOUS AFFILIATION
V980548	X4	(PROTESTANT) R'S CHURCH/DENOMINATION
V980549	X4(1)	DENOMINATION OTHER SPECIFY
V980550	X4a	WITH WHAT BAPTIST GROUP IS R'S CHURCH AFFILIATED
V980551	X4b	(BAPTIST) IS R'S CHURCH LOCAL OR AFFIL
V980552	X4c	WITH WHAT LUTHERN GROUP IS R'S CHURCH AFFILIATED
V980553	X4d	WITH WHAT METHODIST GROUP IS R'S CHURCH AFFILIATED
V980554	X4e	WITH WHAT PRESBYTERIAN GROUP IS R'S CHURCH AFFILIATED
V980555	X4f	WITH WHAT REFORMED GROUP IS R'S CHURCH AFFILIATED
V980556	X4g	WITH WHAT BRETHREN GROUP IS R'S CHURCH AFFILIATED
V980557	X4h	BY "CHRISTIAN" DOES R MEAN DISCIPLES OF CHRIST
V980558	X4i	WHAT CHURCH OF CHRIST GROUP IS R'S CHURCH AFFIL
V980559	X4j	WITH WHAT CHURCH OF GOD GROUP IS R'S CHURCH AFFILIATED
V980560	X4k	(HOLINESS OR PENTECOSTAL) WHAT IS THE NAME/AFFIL
V980561	X4kx	'OTHER' TEXTS - BLANKED
V980562	X4m	(NOT PROT/CATH/JEWISH) WHAT IS THE NAME/AFFIL
V980563	X4m(1)	(R NOT ALRY IDENT AS CHRST) IS THAT CHRISTIAN?
V980564	X6a/b	(JEWISH) ORTHODOX, CONSERV, OR REFORMED
V980565	X7	IS R OFFICIALLY A MEMBER OF A PLACE OF WORSHIP

V980566	X8	TYPE OF R'S CHRISTIANITY
V980567	X8a	CHRISTIANITY TYPE - OPEN
V980568	X9	IS R A BORN-AGAIN CHRISTIAN
V980569	X10	RELIGION SUMMARY

## SURVEY SECTION Y (DEMOGRAPHICS/PERSONAL INFORMATION)

## Variable

Name	Item	Description
V980570	Y1a	R'S MONTH OF BIRTH
V980571	Y1b	R'S YEAR OF BIRTH
V980572	Y1c	AGE OF RESPONDENT
V980573	Y2	R'S MARITAL STATUS
V980574	Y3	HIGHEST GRADE R HAS COMPLETED
V980575	Y3a	HAS R EARNED A HIGH SCHOOL DIPLOMA/PASSED THE GED
V980576	Y3b	HIGHEST DEGREE R HAS EARNED
V980577	Y3x	SUMMARY - RESPONDENT EDUCATION
V980578	Y5	ASSIGNED EMPLOYMENT SERIES
V980579	Y6	R'S EMPLOYMENT STATUS- FULL
V980579a	Y7	R'S EMPLOYMENT STATUS 1 CATEGORY
V980580	Y9	(UNEMPLOYED) HAS R EVER WORKED FOR PAY
V980581	Y10/Y10a	(UNEMPLOYED) PAST OCCUPATION CODE (2 DIGIT)
V980581a	Y10x(1)	(UNEMPLOYED) PAST OCCUPATION (BLANKED)
V980582	Y10x(2)	(UNEMPLOYED) PAST OCCUPATION COLLAPSED (1 DIGIT)
V980583	Y10x(3)	(UNEMPLOYED) PAST OCCUPATION PRESTIGE
V980584	Y10b	(UNEMPLOYED) PAST BUSINESS/INDUSTRY CODE
V980585	Y10c	(UNEMPLOYED) WAS R SELF-EMPLOYED
V980586	Y10d	(UNEMPLOYED) DID R WORK FOR THE GOVERNMENT
V980587	Y10e	(UNEMPLOYED) HAS R WORKED FOR PAY IN THE LAST 6 MOS
V980588	Y10f	(UNEMPLOYED) HOURS PER WEEK R WORKED
V980589	Y10g	(UNEMPLOYED) IS R LOOKING FOR WORK
V980590	Y10h	(UNEMPLOYED) HOW WORRIED IS R ABOUT FINDING WORK
V980591	Y11	(RETIRED) MONTH OF RETIREMENT
V980592	Y11a	(RETIRED) YEAR OF RETIREMENT
V980593	Y12/Y12a	(RETIRED) PAST OCCUPATION CODE (2 DIGIT)
V980593a	Y12x(1)	(RETIRED) PAST OCCUPATION (BLANKED)
V980594	Y12x(2)	(RETIRED) PAST OCCUPATION (BLANKED) COLLAPSED (1 DIGIT)
V980595	Y12x(3)	(RETIRED) PAST OCCUPATION PRESTIGE
V980596	Y12b	(RETIRED) PAST BUSINESS/INDUSTRY CODE
V980597	Y12c	(RETIRED) WAS R SELF-EMPLOYED
V980598	Y12d	(RETIRED) DID R WORK FOR THE GOVERNMENT
V980599	Y12e	(RETIRED) HAS R WORKED FOR PAY IN THE LAST SIX MONTHS
V980600	Y12f	(RETIRED) HOURS PER WEEK R WORKED
V980601	Y12g	(RETIRED) IS R CURRENTLY WORKING FOR PAY
V980602	Y12h	(RETIRED) IS R LOOKING FOR WORK
V980603	Y12j	(RETIRED) HOW WORRIED IS R ABOUT FINDING WORK
V980604	Y13	(DISABLED) HAS R EVER WORKED FOR PAY
V980605	Y14/Y14a	(DISABLED) PAST OCCUPATION CODE
V980605a	Y14x(1)	(DISABLED) PAST OCCUPATION CODE (BLANKED)
V980606	Y14x(2)	(DISABLED) PAST OCCUPATION CODE COLLAPSED (1 DIGIT)
V980607	Y14x(3)	(DISABLED) PAST OCCUPATION PRESTIGE
V980608	Y14b	(DISABLED) PAST BUSINESS/INDUSTRY CODE
V980609	Y14c	(DISABLED) WAS R SELF-EMPLOYED
V980610	Y14d	(DISABLED) DID R WORK FOR THE GOVERNMENT
V980611	Y14e	(DISABLED) HAS R WORKED FOR PAY IN THE LAST SIX MONTHS
V980612	Y14f	(DISABLED) HOURS PER WEEK R WORKED
V980613	Y14g	(DISABLED) IS R CURRENTLY WORKING FOR PAY
V980614	Y14h	(DISABLED) IS R LOOKING FOR WORK
V980615	Y14j	(DISABLED) HOW WORRIED IS R ABOUT FINDING WORK
V980616	Y15	(HOMEMAKER/STUDENT) IS R CURRENTLY WORKING FOR PAY

V980617	Y15a	(HOMEMAKER/STUDENT) HAS R WORKED FOR PAY IN LAST 6 MOS
V980618	Y16/Y16a	(HOMEMAKER/STUDENT) PAST OCCUPATION CODE
V980618a	Y16x(1)	(HOMEMAKER/STUDENT) PAST OCCUPATION CODE (BLANKED)
V980619	Y16x(2)	(HOMEMAKER/STUDENT) PAST OCCUPATION COLLAPSED (1 DIGIT)
V980620	Y16x(3)	(HOMEMAKER/STUDENT) PAST OCCUPATION PRESTIGE
V980621	Y16b	(HOMEMAKER/STUDENT) PAST BUSINESS/INDUSTRY CODE
V980622	Y16c	(HOMEMAKER/STUDENT) WAS R SELF-EMPLOYED
V980623	Y16d	(HOMEMAKER/STUDENT) DID R WORK FOR THE GOVERNMENT
V980624	Y16f	(HOMEMAKER/STUDENT) HOURS PER WEEK R WORKED
V980625	Y16h	(HOMEMAKER/STUDENT) IS R LOOKING FOR WORK
V980626	Y16j	(HOMEMAKER/STUDENT) HOW WORRIED IS R ABOUT FINDING WORK
V980627	Y7/Y7a	(WORKING NOW) OCCUPATION CODE
V980627a	Y7x(1)	(WORKING NOW) OCCUPATION CODE (BLANKED)
V980628	Y7x(2)	(WORKING NOW) OCCUPATION CODE COLLAPSED (1 DIGIT)
V980629	Y7x(3)	(WORKING NOW) OCCUPATION PRESTIGE
V980630	Y7b	(WORKING NOW) BUSINESS/INDUSTRY CODE
V980631	Y7c	(WORKING NOW) IS R SELF-EMPLOYED
V980632	Y7d	(WORKING NOW) DOES R WORK FOR THE GOVERNMENT
V980633	Y7e	(WORKING NOW) HOURS PER WEEK R WORKS
V980634	Y7f	(WORKING NOW) IS R SATISFIED WITH NUM HRS R WORKS/WEEK
V980635	Y7g	(WORKING NOW) HOW WORRIED IS R ABOUT LOSING JOB
V980636	Y7h	(WORKING NOW) WAS R OUT OF WORK IN THE LAST SIX MONTHS
V980637	Y7j	(WORKING NOW) DID R HAVE REDUCT IN WRK HRS LAST 6 MOS
V980638	RC1	STACKED OCCUPATION CODE
V980638a	RC1a	STACKED OCCUPATION (BLANKED)
V980639	RC2	STACKED OCCUPATION COLLAPSED
V980640	RC3	STACKED OCCUPATION PRESTIGE
V980641	RC4	STACKED INDUSTRY CODE
V980642	RC5	STACKED- R WORK FOR SELF/OTHERS
V980643	RC6	STACKED- R EMPLOYED BY GOVERNMENT
V980644	RC7	STACKED- NUMBER OF HOURS WORKED
V980645	RC8	STACKED- WORRIED ABOUT LOSING/FINDING JOB
V980646	RC9	STACKED- (UNEMP/DISAB) HAD JOB IN LAST 6 MOS.
V980647	RC10	STACKED- (R/UN/DIS) LOOKING FOR WORK
V980648	RC11	UN/DIS) EVER WORKED FOR PAY
V980649	Y18	DO ANY OF R'S HOUSEHOLD MEMBERS BELONG TO A LABOR UNION
V980650	Y18a	R'S HOUSEHOLD MEMBERS WHO BELONG TO A LABOR UNION
V980651	Y19	(INTERVIEWER CHECKPOINT) IS R THE ONLY HH MEMBER 14+
V980652	Y20	R'S FAMILY INCOME IN 1995
V980653	Y20a/Y21	R'S OWN INCOME IN 1995
V980654	Y22(1)	R'S ETHNIC/NATIONALITY GROUP -- MENTION 1
V980655	Y22(2)	R'S ETHNIC/NATIONALITY GROUP -- MENTION 2
V980656	Y22(3)	(INTERVIEWER CHECKPOINT) # OF ETHNIC/NAT GRPS R MENT
V980657	Y22a	ETHNIC/NAT GROUP WITH WHICH R MOST CLOSELY IDENTIFIES
V980658	Y22b	WERE BOTH OF R'S PARENTS BORN IN THE UNITED STATES
V980659	Y23	IS R OF SPANISH/HISPANIC ORIGIN OR DESCENT
V980660	Y23a	CATEGORY OF HISPANIC ORIGIN THAT BEST DESCRIBES R
V980661	Y26	HOW LONG HAS R LIVED IN R'S PRESENT CITY
V980662	Y27	HOW LONG HAS R LIVED IN R'S PRESENT HOUSE
V980663	Y28	DOES R OWN A HOME OR PAY RENT
V980664	Y29	DOES R HAVE CHILDREN
V980665	Y29a	HOW MANY CHILDREN R HAS <6 YRS OLD
V980666	Y29a1	NO. CHILDREN <6 WITH R AT LEAST HALF TIM
V980667	Y29b	HOW MANY CHILDREN R HAS 6-18 YRS OLD
V980668	Y29b1	NO. CHILDREN 6-18 W/ R AT LEAST HALF TIM
V980669	Y30	CKPOINT: IS R ENDING IW FTF OR PHONE?

## INTERVIEWER OBSERVATION

Variable

Name	Item	Description
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V980670  Z0      IWR: NUMBER OF TIMES R CONTACTED HU
V980671  Z0a     IWR: WHY DI DR CONDUCT FTF
V980672  Z1      IWR OBSERVATION: R GENDER
V980673  Z2      IWR OSERVATION: R RACE
V980674  Z3      IWR OSERVATION:OTHERS PRESENT DURING IW
V980675  Z4      IWR OBSERVATION: R COOPERATION
V980676  Z5      IWR OBSERVATION: R LEVEL INFORMATION ABT POLITICS
V980677  Z6      IWR OBSERVATION: R APPARENT INTELLIGENCE
V980678  Z7      IWR OBSERVATION: R SUSPICIOUSNESS
V980679  Z8      IWR OBSERVATION: R INTEREST IN IW
V980680  Z9      IWR OBSERVATION: R SINCERITY
V980681  Z10     IWR OBSERVATION: R REPORT INCOME ACCURATELY
V980682  Z10a    IWR OBSERVATION: ESTIMATED INCOME
V980683  Z11(1)  IWR OBSERVATION: #1 R REACTIONS TO IW
V980684  Z11(2)  IWR OBSERVATION: #2 R REACTIONS TO IW
V980685  Z11(3)  IWR OBSERVATION: #3 R REACTIONS TO IW
V980686  Z11(4)  IWR OBSERVATION: #4 R REACTIONS TO IW
V980687  Z11(5)  IWR OBSERVATION: #5 R REACTIONS TO IW
Note: there are no variables V980688-980690
V980691  Z12     IWR OBSERVATION: R DIFFICULTY W/BOOKLET
V980692  Z13     IWR OBSERVATION: REASONS FOR DIFFICULTY W/BOOKLET
V980693  Z14     IWR OBSERVATION: DID R STATE PROBLEM W/BKLET
V980694  Z15     IWR OBSERVATION: HOW MUCH OF THE BOOKLET WAS A PROBLEM
V980695  Z16     IWR TELEPHONE OBSERV: DID R HAVE BOOKLET
V980696  Z17     IWR TEL OBSERV: HOW SURE THAT R HAD BOOKLET
V980697  Z18     IWR TEL OBSERV: R DIFFICULTY W/BOOKLET
V980698  Z19     IWR TEL OBSERV: HOW MUCH DIFFICULTY W/BKLET
V980699  Z20     IWR TEL OBSERV: WHY DID IT SEEM DIFFICULTY W/BKLET
V980700  Z21     IWR TEL OBSERV: WHY NO BOOKLET
V980701  Z22     IWR TEL OBSERV: DID R USE BKLET MID-IW
V980702  Z23     IWR TEL OBSERV: DID NO BOOKLET INTERFERE W/ IW

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## RANDOMIZATION

## Variable

Name	Item	Description
V980703	Rand.A12/13	Order of A12-A12a/b and A13-A13a/b
V980704	Rand.B4b1	Position of Democratic House candidate in thermometers
V980705	Rand.B4b2	Position of Democratic House candidate in thermometers
V980706	Rand.B4c1	Position of Democratic Senate candidate in thermometers
V980707	Rand.B4c2	Position of Democratic Senate candidate in thermometers
V980708	Rand.B4d	Position of Al Gore in thermometers
V980709	Rand.B4e	Position of Newt Gingrich in thermometers
V980710	Rand.B4f	Position of George Bush Jr. in thermometers
V980711	Rand.B4g	Position of Dan Quayle in thermometers
V980712	Rand.B4h	Position of Steve Forbes in thermometers
V980713	Rand.B4i	Position of Ken Starr in thermometers
V980714	Rand.B4j	Position of Pat Buchanan in thermometers
V980715	Rand.B4k	Position of Elizabeth Dole in thermometers
V980716	Rand.B4m	Position of Richard Gephardt in thermometers
V980717	Rand.B4n	Position of Paul Wellstone in thermometers
V980718	Rand.B4o	Position of John McCain in thermometers
V980719	Rand.B4p	Position of Bill Bradley in thermometers
V980720	Rand.B4q	Position of Bob Kerrey in thermometers
V980721	Rand.B4r	Position of John Kerrey in thermometers
V980722	Rand.B4s	Position of Gary Bauer in thermometers
V980723	Rand.B4t	Position of John Ashcroft in thermometers
V980724	Rand.B4u	Position of Hillary Clinton in thermometers
V980725	Rand.B5a/b	Position of Democratic Party in thermometers

V980726	Rand.B5c	Position of Blacks in thermometers
V980727	Rand.B5d	Position of the Religious Right in thermometers
V980728	Rand.B5e	Position of Conservatives in thermometers
V980729	Rand.B5f	Position of Gay Men and Lesbians in thermometers
V980730	Rand.B5g	Position of Labor Unions in thermometers
V980731	Rand.B5h	Position of Liberals in thermometers
V980732	Rand.B5j	Position of Poor People in thermometers
V980733	Rand.B5k	Position of Rich People in thermometers
V980734	Rand.B5m	Position of Whites in thermometers
V980735	Rand.B5n	Position of College Educated People in thermometers
V980736	Rand.B5p	Position of Business in thermometers
V980737	Rand.B5q	Position of the U.S. Congress in thermometers
V980738	Rand.B5r	Position of the News Media in thermometers
V980739	Rand.C1-C4	Position of Dem Party and Rep Party Likes/Dislikes
V980740	Rand.C5	Order of Dem candidate name and Rep candidate name
V980741	Rand.F6	Order of F6 "Republican Party" and "Democratic Party"
V980742	Rand.H2	Position of "crime" in party performance series
V980743	Rand.H2a	Position of "handling the nation's economy"
V980744	Rand.H2b	Position of "handling the problems of pollution"
V980745	Rand.H2c	Position of "handling foreign affairs"
V980746	Rand.H2d	Position of "Social Security" in party performance
V980747	Rand.H2-H2d	Order of "Republican Party" and "Democratic Party"
V980748	Rand.H4a	Position of of "angry" in Clinton affects series
V980749	Rand.H4b	Position of of "hopeful" in Clinton affects series
V980750	Rand.H4c	Position of of "afraid" in Clinton affects series
V980751	Rand.H4d	Position of of "proud" in Clinton affects series
V980752	Rand.H4e	Position of of "disgusted" in Clinton affects series
V980753	Rand.H5d/e	Position of Demo and Repub candts in Liberal/Cons
V980754	Rand.H5f/g	Position of Dem party, Repub party in Liberal/Conserv
V980755	Rand.J13-15	Order of exec level (Clinton, Gore) traits series
V980756	Rand.J13a	Position of "is moral" in J13 Clinton traits series
V980757	Rand.J13b	Position of "really cares about people" in J13
V980758	Rand.J13c	Position of "is knowledgeable" in J13
V980759	Rand.J13d	Position of "is honest" in J13 Clinton traits series
V980760	Rand.J13e	Position of "provides strong leadership" in J13
V980761	Rand.J14a	Position of "is moral" in J14 Gore traits series
V980762	Rand.J14b	Position of "really cares about people" in J14
V980763	Rand.J14c	Position of "is knowledgeable" in J14
V980764	Rand.J14d	Position of "is honest" in J14 Gore traits series
V980765	Rand.J14e	Position of "provides strong leadership" in J14
V980766	Rand.J15a	Selection of "too liberal"/"too cons" Congr trait
V980767	Rand.J15b	Position of "doesn't get much accomplished" in J15
V980768	Rand.J15c	Position of "too involved in partisan politics" in J15
V980769	Rand.J15d	Position of "doesn't care what ordinary Am think"
V980770	Rand.K4d/e	Position of Dem and Repub candidates in Women's Role
V980771	Rand.K4f/g	Position of Dem and Repubparties in Women's Role
V980772	Rand.K6d/e	Position of Dem and Repub candts in Guar Jobs
V980773	Rand.K8d/e	Position of Dem and Repub candidates in Serv/Spend
V980774	Rand.K8f/g	Position of Dem and Repub parties in Serv/Spend
V980775	Rand.M14c/d	Position of Dem and Repub candidates in Serv/Spend
V980776	Rand.M14e/f	Position of Dem and Repub parties in Serv/Spend