Cornell University

ROPER CENTER

31116757

Country:	United States
Title:	ABC News/Washington Post Poll: Trump/2020 Presidential Election/Gun Control
Survey Organization(s):	Langer Research Associates
Sponsor(s):	ABC News; Washington Post
Field Dates:	September 2 - 5, 2019
Sample:	National adult
Sample Size:	1003
Sample Notes:	None
Interview method:	Telephone Interview, Cell Phone; Telephone Interview, Landline; Computer-Assisted telephone interview (CATI)
Weight Location:	Columns 328-337 (xx.xxxxxxx) – Varname: WEIGHT
No. of records per respondent:	1
Usage Notes:	The survey was produced for ABC News by Langer Research Associates of New York, N.Y., with sampling and data collection by Abt Associates of Rockville, Md.

Please note that data provided by the Roper Center for Public Opinion Research may not be re-disseminated without written permission. The results of any analyses conducted on the data may, however, be published with appropriate acknowledgments and source citation.

✓ ROPER TRANSPARENCY PROJECT
ABC/Washington Post - 31116757

Greatly Exceeds Requirements (9)

CORE	AVAILABLE	NOT APPLICABLE
Survey organization	✓	
External survey sponsor	✓	
Grant funding source		✓
Data collection dates	✓	
Universe	✓	
Geographic coverage	✓	
Justification for claims of representativeness	✓	
Mode	✓	
Mode other: Description (filtered on previous)		✓
Sample size	✓	
Sampling procedure: Summary	✓	
Sampling procedure: Respondent selection stage	✓	
Sampling frame	✓	
Weight Variable	✓	
Weighting benchmark source	✓	
Variables used for weighting	✓	
Response rate OR	No	
Disposition codes OR	✓	
Completion or participation rate		✓
Completion or participation rate details (filter on previous)		✓
Survey language(s)	✓	
Full question wording with all interview instructions, prompts and visual aids	✓	
ADDITIONAL	**AVAILABLE**	**NOT APPLICABLE**
External sample provider(s)	✓	
Proportion of sample provided (filtered on previous)	✓	
Use of breakout routers or chains		✓
Breakoff rate	No	
Estimated size of noncovered population	✓	
Use of incentives	No	
What incentive was provided (filter on previous)	No	
Quality control summary	✓	
% respondents removed due to quality checks (filtered on above)	No	

The Roper Center Transparency Score Project is intended to measure disclosure of key elements of survey research. The Transparency Score is ***not*** an indicator of data quality. Transparency Project scores are calculated as follows: (10 points for providing a dataset+2 points for every other applicable core item+1 point for every applicable additional item)/(total possible points) X 10. Studies with a score >=9 and <=10 greatly exceed Roper Center requirements; scores >=8 and <9 exceed requirements; and scores >=6 and <8 meet Roper Center requirements.

METHODOLOGY – This ABC News/Washington Post poll was conducted by landline and cellular telephone Sept. 2-5, 2019, in English and Spanish, among a random national sample of 1,003 adults. Results have a margin of sampling error of 3.5 points, including the design effect. Partisan divisions are 28-24-37 percent, Democrats-Republicans-independents.

The survey was produced for ABC News by Langer Research Associates of New York, N.Y., with sampling and data collection by Abt Associates of Rockville, Md.

ABC News' Polling Methodology and Standards

By GARY LANGERLANGER RESEARCH ASSOCIATES
July 23, 2015

A summary of ABC News polling standards and methodology follows.

Standards

Langer Research Associates, primary polling provider to ABC News, advises the news division on standards for disclosure, validity, reliability and unbiased content in survey research and evaluates data when requested to establish whether it meets these standards.

On disclosure, in addition to the identities of the research sponsor and field work provider, we require a detailed statement of methodology, the full questionnaire and complete marginal data. If any of these are lacking, we recommend against reporting the results. Proprietary research is not exempted.

Methodologically, in all or nearly all cases we require a probability-based sample, with high levels of coverage of a credible sampling frame. Non-probability, self-selected or so-called “convenience” samples, including internet opt-in, e-mail, “blast fax,” call-in, street intercept and non-probability mail-in samples do not meet our standards for validity and reliability, and we recommend against reporting them.

We do accept some probability-based surveys that do not meet our own methodological standards – in terms of within-household respondent selection, for example – but may recommend cautious use of such data, with qualifying language. We recommend against reporting others, such as pre-recorded autodialed surveys, even when a random-digit dialed telephone sample is employed.

Langer Research Associates has published briefing papers summarizing recent research on non-probability sampling, including opt-in online surveys, the use of social media (and related approaches) to estimate public opinion and challenges in the use of “big data.” We’ve also commented on non-probability sampling in the Fall 2013 issue of the Journal of Survey Statistics and Methodology and in a 2012 presentation at the annual conference of the American Association for Public Opinion Research.

In terms of survey content, we examine methodological statements for misleading or false claims, questionnaires for leading or biasing wording or ordering, and analyses and news releases for inaccurate or selective conclusions.

In addition to recommending against reporting surveys that do not meet appropriate standards for validity and reliability, we promote and strongly encourage the reporting of good-quality polls that break new ground in opinion research.

Sample Design

ABC and The Washington Post direct the methodological approach to full-length ABC/Post polls in consultation with our field work provider for these surveys, Abt SRBI of New York, N.Y. Shorter-length ABC/Post polls are conducted via an omnibus survey produced by SSRS of Media, Pa. See methodological details here. Additionally, as of August 2016, ABC News is partnering with SSRS on polling conducted via the online SSRS Probability Panel; see details here.

Before October 2008, full-length ABC/Post polls were conducted by calling samples of landline telephone numbers only. From October 2008 through June 2015 we added cell phone interviews via a non-overlapping dual-frame sample design, with separate sampling frames for landline and cell phone-only respondents, as detailed in this paper. The cell phone-only proportion, based on data from the National Health Interview Survey, grew from 100 out of 1,000 interviews to 335 per 1,000 during this period.

The non-overlapping design served well, especially through a time in which cell phone interviews were much costlier than landline interviews. However, the cost differential has flattened over time and the incidence of cell phone use has continued to grow, producing a shortfall in the number of young adults reached via this design. As a result, in July 2015 we adopted an overlapping dual frame sample design, in which cell phone respondents are interviewed regardless of whether or not they also have a landline.

The proportion of cell phone interviews again is driven by the NHIS estimate of cell phone-only respondents; to achieve our target, 65 percent of all interviews are conducted by cell phone, with the remaining 35 percent interviewed via landline.

Sampling

Cell phone and landline samples are produced by Survey Sampling Inc. of Shelton, Conn. For landline interviews, SSI selects a sample of landline households in the continental United States via random digit dialing, in which all landline telephone numbers, listed and unlisted, have an equal probability of selection. Landline numbers are drawn proportionate to their estimated distribution in the country's nine Census divisions.

SSI starts with a database of all listed landline telephone numbers, updated on a four- to six-week rolling basis, 25 percent of listings at a time. This database of directory-listed numbers is then used to determine all active blocks – as we define it, contiguous groups of 100 phone numbers for which more than one residential number is listed. All possible numbers in active blocks are added to the random digit database.

Until 2005, ABC News followed the industry norm of excluding all listed business numbers (compiled from sources such as Yellow Pages directories and the Dun and Bradstreet Business Data database) from the sample. However, an ABC-led study (Merkle, Langer, Cohen, Piekarski, Benford & Lambert, 2009, Public Opinion Quarterly) found that this "cleaning" process excludes respondents who have home-based business-listed phones and no other lines at home on which they take calls, creating 3 percent noncoverage of eligible households with no offsetting gains in productivity. As a result of this evaluation, we do not exclude listed business numbers from our landline sample, with the exception of those in business-only blocks or exchanges.

Each telephone exchange in the landline sample is assigned to the county where it's most prevalent. In the first stage of selection, the database is sorted by state and county, and the number of telephone numbers to be sampled within each county is determined using systematic sampling procedures from a random start, such that each county is assigned a sample size proportional to its share of possible numbers. In the second stage of selection, telephone numbers are sorted within county by area code, exchange and active block, and using systematic sampling procedures from a random start, individual phone numbers within each county are selected. The sampled phone numbers are pre-dialed via a non-ringing auto-dialer to reduce dialing of non-working numbers.

For the cell phone sample, SSI begins with a monthly listing of every existing telephone area code and exchange. About half of these are pooled by their producers in contiguous groups of 10 100-block phone numbers, or 1,000-blocks, with information including whether each pooled 1,000-block does or does not include cell phone numbers, either solely or on a shared basis with landline numbers.

All cell-inclusive 1,000-blocks are included in the cell phone sample. For numbers that are not 1,000-block pooled, cell phone service information is available at the exchange level only; therefore all numbers in those exchanges also are included. All numbers used in cell phone sampling are then handled at the 100-block level. Given the absence of any cell phone directory, all 100-blocks in dedicated wireless exchanges and 1,000-blocks used for sampling purposes are considered active.

For exchanges or 1,000-blocks that have been classified by their carrier as providing both landline and wireless service, each 100-block is compared to the database of landline 100-blocks; 100-blocks that appear on the landline frame are removed from the wireless frame and 100-blocks with no directory-listed numbers are retained. This ensures that the wireless frame and list-assisted RDD frame are mutually exclusive while still providing coverage of prefixes and 1,000-blocks that are classified as including both landline and wireless service.

Each 100-block is assigned to a county based on the billing coordinates of the exchange. The database is sorted by county code, carrier name and 100-block. A sampling interval is determined by dividing the universe of eligible 100-blocks by the desired sample size. From a random start within the first sampling interval, a systematic nth selection of 100-blocks is performed and a 2-digit random number between 00 and 99 is appended to each selected 100-block stem.

Interviewing

In each sample, phone numbers are released for interviewing in replicates by Census region (cell) or division (landline) to allow for sample control. Numbers are called multiple times during the field period in multi-night polls; the standard for full-length ABC/Post polls is a minimum of six calls to each number. Interviews are conducted via a computer-assisted telephone interviewing (CATI) system. Abt SRBI's professional interviewers, and their supervisors, are extensively trained in interviewing practices, including techniques designed to achieve the highest possible respondent cooperation.

For landline respondents, interviewers ask to speak with the youngest male or youngest female at home. Cell-only respondents are screened for age eligibility (18+). Cell-only respondents are not offered compensation, but a reimbursement check is offered if use of minutes is raised as an objection. Cell sample respondents' place of residence is checked and their Census region adjusted accordingly if necessary.

As of April 2013, Spanish-language interviewing was added to full-length ABC/Post polls for respondents who indicate a preference to be interviewed in Spanish. Spanish-language interviewing in SSRS omnibus surveys began in October 2009.

Weighting

Data are adjusted to account for the greater probability of respondents who have both a cell and landline phone, compared with those who are cell-only or landline-only. The data then are weighted using demographic information from the U.S. Census and NHIS to adjust for variance from population values. Weights may include average partisan self-identification in current and recent ABC/Post data, based on a standardized rule.

Until 2008 we used cell-based weighting, in which respondents were classified into one of 48 or 32 cells (depending on sample size) based on their age, race, sex and education; weights were assigned so the proportion in each cell matched the Census Bureau's most recent Current Population Survey data. To achieve greater consistency and reduce the chance of large weights, in January 2008 we adopted iterative weighting, also known as raking or rim weighting, in which the sample is weighted sequentially to Census targets one variable at a time, continuing until the optimum distribution is achieved.

From October 2008 to June 2015, data were post-stratified to Census region by sample type; rim weights then were calculated using Census parameters for age, race/ethnicity, sex and education. The precision of race/ethnicity weights was enhanced in April 2013. In July 2015, post-stratification by sample type was discontinued and Census region and phone service (landline only, dual service and cell-only) were added to the rim weighting variables. Weights are capped at lows of 0.2 and highs of 6.

Surveys commonly are weighted to the number of telephone lines in each respondent's home to adjust for the higher probability of selection of multiple-line households. ABC News has studied the effect of such weighting (Merkle & Langer, Public Opinion Quarterly, Spring 2008) concluding that it carries the risk of distortion, and, when done properly, has no meaningful impact on the data. ABC News polls therefore are not weighted to the number of household phone lines.

Sampling Error

Poll results may deviate from full population values because they rely on a sample rather than a census of the full population. Sampling error can be calculated when probability sampling

methods, such as those described here, are employed, using the standard formula (at the 95 percent confidence level) of (SQRT(.25/sample size))*1.96, plus adjustment for design effects. There can be other sources of differences in polls, such as question wording and order and systematic noncoverage or selection bias.

As a function of sample size, sampling error is higher for subgroups. We analyze subgroups only as small as 100 cases (or very near it). See our fuller description of sampling error here and our online margin-of-error calculator here.

Response Rates

A survey's response rates represents its contact rate (the number of households reached out of total telephone numbers dialed, excluding an estimate of nonworking and business numbers) multiplied by its cooperation rate (the number of individuals who complete interviews out of total households reached).

Response rates are calculated using sample dispositions. In November 2014 we posted onlineavailable sample dispositions for all ABC News and ABC News/Washington Post polls since 1999.

It cannot be assumed that a higher response rate in and of itself ensures greater data integrity. By including business-listed numbers, for instance, we increase coverage yet decrease contact rates (and therefore overall response rates). On the other hand, surveys that, for instance, do no within-household selection, or use listed-only samples, will increase their cooperation or contact rates (and therefore response rates), but at the expense of random selection or population coverage. (See Langer, Public Perspective, May 2003.)

Research has found no significant attitudinal biases as a result of response rate differences. A study published in 2000, "Consequences of Reducing Nonresponse in a National Telephone Survey" (Keeter, Miller, Kohut, Groves & Presser, POQ 64:125-48), found similar results in surveys with 61 and 36 percent response rates. A follow-up in 2006, "Gauging the Impact of Growing Nonresponse on Estimates from a National RDD Telephone Survey" (Keeter, Kennedy, Dimock, Best & Craighill, POQ 70:759-79), based on surveys with 50 and 25 percent response rates, again found "little to suggest that unit nonresponse within the range of response rates obtained seriously threatens the quality of survey estimates." Still another Pew comparison, in 2012, with a yet lower response rate, had similar results. As far back as 1981, in "Questions & Answers in Attitude Surveys," Schuman and Presser, describing two samples with different

response rates but similar results, reported (p. 332), “Apparently the answers and associations we investigate are largely unrelated to factors affecting these response rate differences.”

Among many other sources, in "The Causes and Consequences of Response Rates in Surveys by the News Media and Government Contractor Survey Research Firms,” in Advances in Telephone Survey Methodology, Chapter 23, Wiley 2007), Holbrook, Krosnick and Pfent reported that “lower response rates seem not to substantially decrease demographic representativeness within the range we examined. This evidence challenges the assumptions that response rates are a key indicator of survey quality.”

Pre-election Polls

Pre-election polling presents particular challenges. As Election Day approaches these polls are most relevant and accurate if conducted among voters. Yet actual voters are an unknown population – one that exists only on (or, with absentees, shortly before) Election Day. Pre-election polls make their best estimate of this population.

Our practice for ABC News is to develop a range of “likely voter” models, employing elements such as self-reported voter registration, intention to vote, attention to the race, past voting, age, respondents’ knowledge of their polling places and political party identification. We evaluate the level of voter turnout produced by these models and diagnose differences across models when they occur.

ABC News has presented detailed evaluations of our tracking polls at polling conferences and in published work (Langer and Merkle 2001; Merkle, Langer and Lambert 2005; also in Public Opinion Polling in a Globalized World, Springer 2008; Langer et al. 2009).

Study Note

This sample excludes adults who don’t have a cell or landline phone (3.2 percent, per the NHIS); who don’t speak English or Spanish (1.5 percent, per the American Community Survey conducted by the U.S. Census Bureau); and who live in institutional group facilities where individual telephone access is disallowed (chiefly, adult correctional facilities), about 0.9 percent. Allowing for some overlap of these groups, the frame covers approximately 95 percent of the target population, U.S. adults age 18+.

Truncated Variable Names

Abbreviated Name	Extended Name
abcsurve	abcsurvey
partycon	partycontrol

Data Locations (ASCII file)

Variable	Rec	Start	End	Format
respo	1	1	6	F6.0
project	1	7	36	A30
samptype	1	37	37	F1.0
date8	1	38	45	F8.0
night	1	46	46	F1.0
nights	1	47	47	F1.0
tele_7	1	48	51	F4.0
survlgth	1	52	55	F4.2
tzone	1	56	57	F2.0
reg4	1	58	59	F2.0
nreg4	1	60	60	F1.0
censdiv	1	61	62	F2.0
ncensdiv	1	63	64	F2.0
abcnum	1	65	66	F2.0
stcode	1	67	68	F2.0
msaflag	1	69	69	F1.0
cbsatype	1	70	70	F1.0
usr	1	71	71	F1.0
nusr	1	72	72	F1.0
qsex	1	73	74	F2.0
busflag	1	75	76	F2.0
intrace	1	77	78	F2.0
intgend	1	79	80	F2.0
censusr	1	81	82	F2.0
abcsurve	1	83	86	F4.0
survtype	1	87	90	F4.0
year	1	91	94	F4.0
qs1	1	95	95	F1.0
q921	1	96	96	F1.0
q1	1	97	97	F1.0
q1net	1	98	98	F1.0
q2	1	99	99	F1.0
q2_1	1	100	100	F1.0
q3	1	101	101	F1.0
q3net	1	102	102	F1.0
q5	1	103	103	F1.0
q5net	1	104	104	F1.0
q6	1	105	105	F1.0
q2_2	1	106	106	F1.0
q2_2net	1	107	107	F1.0
q901	1	108	108	F1.0
q901oe@	1	109	161	A53
q904	1	162	162	F1.0
partlean	1	163	163	F1.0

q905	1	164	164	F1.0
q10	1	165	166	F2.0
q10@	1	167	175	A9
q11	1	176	177	F2.0
q11@	1	178	178	A1
q10net	1	179	180	F2.0
q12	1	181	181	F1.0
q12_1net	1	182	182	F1.0
q12_2net	1	183	183	F1.0
q12_3net	1	184	184	F1.0
q12_4net	1	185	185	F1.0
q12_5net	1	186	186	F1.0
q13	1	187	188	F2.0
q14	1	189	190	F2.0
q15	1	191	191	F1.0
q17_1	1	192	192	F1.0
q17_2	1	193	193	F1.0
q17_3	1	194	194	F1.0
q17_4	1	195	195	F1.0
q17_5	1	196	196	F1.0
q18_1	1	197	197	F1.0
q19_1	1	198	198	F1.0
q18_1net	1	199	199	F1.0
q18_2	1	200	200	F1.0
q19_2	1	201	201	F1.0
q18_2net	1	202	202	F1.0
q18_3	1	203	203	F1.0
q19_3	1	204	204	F1.0
q18_3net	1	205	205	F1.0
q18_4	1	206	206	F1.0
q19_4	1	207	207	F1.0
q18_4net	1	208	208	F1.0
q18_5	1	209	209	F1.0
q19_5	1	210	210	F1.0
q18_5net	1	211	211	F1.0
q20_1	1	212	212	F1.0
q20_1net	1	213	213	F1.0
q20_2	1	214	214	F1.0
q20_2net	1	215	215	F1.0
q20_3	1	216	216	F1.0
q20_3net	1	217	217	F1.0
q20_4	1	218	218	F1.0
q20_4net	1	219	219	F1.0
q20_5	1	220	220	F1.0
q20_5net	1	221	221	F1.0
q20_6	1	222	222	F1.0
q20_6net	1	223	223	F1.0

q21x	1	224	224	F1.0
q21xnet	1	225	225	F1.0
q21_1	1	226	226	F1.0
q21_2	1	227	227	F1.0
q21_3	1	228	228	F1.0
q21_4	1	229	229	F1.0
q22	1	230	230	F1.0
q24_1	1	231	231	F1.0
q24_1net	1	232	232	F1.0
q24_2	1	233	233	F1.0
q24_2net	1	234	234	F1.0
q25	1	235	235	F1.0
q25net	1	236	236	F1.0
q26	1	237	237	F1.0
q908a	1	238	238	F1.0
q908b	1	239	239	F1.0
q908c	1	240	240	F1.0
ideo5	1	241	241	F1.0
q909	1	242	242	F1.0
q909a	1	243	243	F1.0
edubreak	1	244	244	F1.0
colleduc	1	245	245	F1.0
educnew	1	246	246	F1.0
q910	1	247	248	F2.0
q910a	1	249	249	F1.0
agebreak	1	250	250	F1.0
q911	1	251	252	F2.0
q911sup	1	253	254	F2.0
q911n	1	255	255	F1.0
q911aa	1	256	257	F2.0
q911aa@	1	258	291	A34
q911a	1	292	292	F1.0
q911b	1	293	293	F1.0
relnet	1	294	294	F1.0
q918	1	295	295	F1.0
q918x	1	296	296	F1.0
racenet	1	297	297	F1.0
wep	1	298	298	F1.0
hisprace	1	299	299	F1.0
whtsxcol	1	300	300	F1.0
income	1	301	301	F1.0
income2	1	302	302	F1.0
q920a	1	303	303	F1.0
qd1	1	304	305	F2.0
l1	1	306	306	F1.0
c1	1	307	307	F1.0
phonstat	1	308	308	F1.0

q924	1	309	309	F1.0
q924net	1	310	310	F1.0
incent	1	311	311	F1.0
qd2	1	312	312	F1.0
stcode2	1	313	318	A6
lang	1	319	319	F1.0
partycon	1	320	327	F8.2
weight	1	328	337	F10.7

Abt Associates
Cambridge, MA

Project #26178-1004
September 5, 2019
Draft 3

ABC News/Washington Post Poll #1207: September National Poll

SAMPTYPE	DEFINITION
1	Landline RDD Sample
2	Landline Oversample
3	Cell Phone Sample
4	Cell Phone Oversample

READ STANDARD INTRO3 IF SAMPTYPE=1,2 (LANDLINE):
Hello, I'm (NAME), calling for the ABC News public opinion poll. We're not selling anything, just doing an opinion poll on interesting subjects in the news. Out of all the people age 18 or older who are AT HOME RIGHT NOW, may I please speak to the YOUNGEST (male/female)? ***(IF NO MALE/FEMALE IN THE HOUSEHOLD, ASK: Then may I please speak to the YOUNGEST (female/male)?)***

READ INTRO4 IF SAMPTYPE=3,4 (CELL PHONE):
Hello, I'm (NAME), calling for the ABC News public opinion poll. We're not selling anything, just doing an opinion poll on interesting subjects in the news.

IF RESPONDENT SITUATION/LOCATION IS INCONVENIENT, E.G. RESPONDENT IS DRIVING, SCHEDULE CALLBACK.

*****ASK IF INTRO4=1 (CELL PHONE)*****
S1. Are you at least 18 years old, or under 18?
1 Yes, 18+ **CONTINUE TO Q1**
2 No, Under 18 **TERMINATE, DISPO AS "CELL/UNDER 18"**

IF CALL DROPS OR BECOMES UNINTELLIGIBLE, RECALL IN FIVE MINUTES. IF NO ANSWER, TRY AGAIN IN APPROXIMATELY ONE HOUR. IF NO CONNECT, LEAVE MESSAGE: Hello, I'm (NAME) calling for the ABC News public opinion poll. Our call dropped earlier. I'll try you again later. **CONTINUE RECALLS EVERY HOUR OR TWO UNTIL SHIFT ENDS. CONTINUE RETRYING WITH NEXT SHIFT.**

IF SAMPTYPE=3,4 (CELL PHONE), IF RESPONDENT ASKS ABOUT OR OBJECTS TO COST OF CALL OR LOSS OF MINUTES DURING ANY PART OF THE INTERVIEW, TYPE "CELL" AT PROMPT TO REACH THE FOLLOWING SCREEN:

COM. **(TO BE READ IF CELL PHONE RESPONDENT ASKS ABOUT OR OBJECTS TO COST OF CALL OR LOSS OF MINUTES)** We are able to offer you ten dollars as reimbursement for the use of your cell phone minutes for this call. If you complete the full survey, I will ask for your mailing address at the end of the survey so we can send you a check. Is this OK?

DO NOT READ LIST.

1 Respondent ACCEPTS reimbursement offer and CONTINUES interview - **RETURN TO PREVIOUS SCREEN AND CONTINUE**
2 Respondent DECLINES reimbursement offer and CONTINUES interview - **RETURN TO PREVIOUS SCREEN AND CONTINUE**
3 Respondent IGNORES/DECLINES reimbursement offer and TERMINATES interview - **TERMINATE, DISPO AS "TQCOM REIMBURSEMENT DECLINED"**
4 Respondent TERMINATES interview before reimbursement offer given - **TERMINATE, DISPO AS "TQCOM REIMBURSEMENT NOT OFFERED"**

1. Do you approve or disapprove of the way Donald Trump is handling his job as president?

IF APPROVE: Do you approve STRONGLY or SOMEWHAT?
IF DISAPPROVE: Do you disapprove STRONGLY or SOMEWHAT?

1 Approve STRONGLY
2 Approve SOMEWHAT
3 Disapprove SOMEWHAT
4 Disapprove STRONGLY
DK/No opinion
NA/Refused

2. Do you approve or disapprove of the way Trump is handling the economy?

1 Approve
2 Disapprove

DK/No opinion
NA/Refused

2a. Do you approve or disapprove of the way Trump is handling trade negotiations with China?

1 Approve
2 Disapprove
DK/No opinion
NA/Refused

3. Would you describe the state of the nation's economy these days as excellent, good, not so good or poor?

1 Excellent
2 Good
3 Not so good
4 Poor
DK/No opinion
NA/Refused

5. As you may know, periods of economic growth are followed by periods of recession. Do you think a recession over the next year is very likely, somewhat likely, somewhat unlikely or very unlikely?

1 Very likely
2 Somewhat likely
3 Somewhat unlikely
4 Very unlikely
DK/No opinion
NA/Refused

6. *****ROTATE ORDER OF ITEMS IN PARENTHESES*****
Do you think Trump's trade and economic policies have (decreased) the chance of a recession in the next year, (increased) the chance of a recession, or have they made no difference in this?

1 Decreased
2 Increased
3 Made no difference
DK/No opinion
NA/Refused

2b. How concerned are you that the current trade dispute with China will raise the price of things you and your family buy? Are you very concerned about this, somewhat concerned, not so concerned or not concerned at all?

1 Very concerned
2 Somewhat concerned
3 Not so concerned
4 Not concerned at all
DK/No Opinion
NA/Refused

On another topic…
901. Generally speaking, do you usually think of yourself as: (READ LIST)

*****ROTATE ORDER OF CODES 1 AND 2*****
1 A Democrat
2 A Republican
3 An Independent **- ASK Q904**
4 Or what? **- ASK Q904**
(DO NOT READ BELOW)
DK/No opinion **- ASK Q904**
NA/Refused **- ASK Q904**

904. *****ASK IF NOT DEMOCRAT OR REPUBLICAN (Q901 NOT 1 OR 2)*****
Do you lean more towards the: (READ LIST)

*****ROTATE ORDER OF CODES 1 AND 2 IN SAME ORDER AS Q901*****
1 Democratic Party
2 Or, Republican Party
(DO NOT READ BELOW)
3 (VOL) Neither
DK/No opinion
NA/Refused

905. Are you registered to vote at your present address, or not?

1 Yes
2 No
DK/No opinion
NA/Refused

10. *****ASK IF LEANED DEMOCRAT (Q901=1 OR Q904=1)*****
Now I'll read a list of candidates for the Democratic nomination for president in 2020. After I've read the full list, please tell me whom you'd vote for in the primary or caucus in your state.

*****SCRAMBLE ORDER OF CODES 1-19*****
1 Michael Bennet
2 Joe Biden
3 Cory Booker
4 Steve Bullock

5 Pete Buttigieg [BOOT-uh-jidge]
6 Julian [HOO-lee-an] Castro
7 Bill de Blasio [duh BLAH-zee-oh]
8 John Delaney
9 Tulsi Gabbard [TULL-see GAB-ard]
11 Kamala [COMMA-la] Harris
12 Amy Klobuchar [KLO-boo-char]
13 Beto [BET-oh] O'Rourke
14 Tim Ryan
15 Bernie Sanders
16 Tom Steyer [STY-er]
17 Elizabeth Warren
18 Marianne Williamson
19 Andrew Yang
95 (VOL) Other (SPECIFY)
96 (VOL) None of these **ASK Q11**
97 (VOL) Would not vote
DK/No opinion **ASK Q11**
NA/Refused **ASK Q11**

11. *****ASK IF NOT NAMED CANDIDATE OR WOULD NOT VOTE (Q10=96,DK,REF)*****
Which candidate would you lean toward?

IF NEEDED: I can repeat the list.

*****SCRAMBLE ORDER OF CODES 1-19 IN SAME ORDER AS Q10*****
1 Michael Bennet
2 Joe Biden
3 Cory Booker
4 Steve Bullock
5 Pete Buttigieg [BOOT-uh-jidge]
6 Julian [HOO-lee-an] Castro
7 Bill de Blasio [duh BLAH-zee-oh]
8 John Delaney
9 Tulsi Gabbard [TULL-see GAB-ard]
11 Kamala [COMMA-la] Harris
12 Amy Klobuchar [KLO-boo-char]
13 Beto [BET-oh] O'Rourke
14 Tim Ryan
15 Bernie Sanders
16 Tom Steyer [STY-er]
17 Elizabeth Warren
18 Marianne Williamson
19 Andrew Yang
95 (VOL) Other (SPECIFY)
96 (VOL) None of these
97 (VOL) Would not vote
DK/No opinion
NA/Refused

12. *****ASK IF NAMED ANY CANDIDATE (Q10/Q11=1-19,95)*****
*****ROTATE ORDER OF ITEMS IN PARENTHESES*****
(Would you consider supporting another candidate) to be the Democratic Party's nominee, or (are you definitely supporting [NAMED CANDIDATE IN Q10/Q11] as long as s/he is in the race)?

1 Would consider supporting another candidate
2 Definitely supporting named candidate
DK/No opinion
NA/Refused

13. *****ASK IF LEANED DEMOCRAT (Q901=1 OR Q904=1)*****
Regardless of who you may support, which of the Democratic candidates do you think has the best chance to defeat Donald Trump in the general election? **(SINGLE RESPONSE ONLY)**

IF NEEDED: I can repeat the list.

1 Michael Bennet
2 Joe Biden
3 Cory Booker
4 Steve Bullock
5 Pete Buttigieg [BOOT-uh-jidge]
6 Julian [HOO-lee-an] Castro
7 Bill de Blasio [duh BLAH-zee-oh]
8 John Delaney
9 Tulsi Gabbard [TULL-see GAB-ard]
11 Kamala [COMMA-la] Harris
12 Amy Klobuchar [KLO-boo-char]
13 Beto [BET-oh] O'Rourke
14 Tim Ryan
15 Bernie Sanders
16 Tom Steyer [STY-er]
17 Elizabeth Warren
18 Marianne Williamson
19 Andrew Yang
94 (VOL) Other
95 (VOL) All of them
96 (VOL) Any 2 or more equally
97 (VOL) None of them
DK/No opinion
NA/Refused

14. *****ASK IF LEANED DEMOCRAT (Q901=1 OR Q904=1)*****
Regardless of which candidate has the best chance of defeating Trump, which candidate do you think would be the best president for the country?

IF NEEDED: I can repeat the list.

1 Michael Bennet
2 Joe Biden
3 Cory Booker
4 Steve Bullock
5 Pete Buttigieg [BOOT-uh-jidge]
6 Julian [HOO-lee-an] Castro
7 Bill de Blasio [duh BLAH-zee-oh]
8 John Delaney
9 Tulsi Gabbard [TULL-see GAB-ard]
11 Kamala [COMMA-la] Harris
12 Amy Klobuchar [KLO-boo-char]
13 Beto [BET-oh] O'Rourke
14 Tim Ryan
15 Bernie Sanders
16 Tom Steyer [STY-er]
17 Elizabeth Warren
18 Marianne Williamson
19 Andrew Yang
94 (VOL) Other
95 (VOL) All of them
96 (VOL) Any 2 or more equally
97 (VOL) None of them
DK/No opinion
NA/Refused

15. *****ASK IF LEANED DEMOCRAT (Q901 = 1 OR Q904 = 1)*****
*****ROTATE ORDER OF ITEMS IN PARENTHESES*****
What's more important to you – that Democrats nominate the presidential candidate (whose positions on the issues come closest to yours), or the candidate (who seems most likely to defeat Donald Trump in November 2020)?

1 Candidate whose positions on the issues come closest to yours
2 Candidate who seems most likely to defeat Trump
3 (VOL) Same person
4 (VOL) Neither
5 (VOL) Both equally
DK/No opinion
NA/Refused

17. *****ASK IF LEANED DEMOCRAT (Q901 = 1 OR Q904 = 1)*****
What kind of candidate do you think would be more likely to defeat Trump in November 2020 [READ ITEM], or doesn't that matter?

How about [NEXT ITEM], or doesn't that matter? **IF NEEDED:** What kind of candidate do you think would be more likely to defeat Trump in November 2020 [NEXT ITEM], or doesn't that matter?

*****SCRAMBLE ITEMS*****
*****ROTATE ORDER OF ITEMS IN PARENTHESES*****
a. (a man) or (a woman)
b. (someone who is over 70 years old) or (someone who is younger than age 70)
c. (a moderate) or (a liberal)
d. (someone who is white) or (someone who is a racial or ethnic minority)
e. (someone who is gay) or (someone who is straight)

1 [FIRST ITEM]
2 [SECOND ITEM]
3 Doesn't matter
DK/No opinion
NA/Refused

18. If the 2020 presidential election were being held today and the candidates were (Donald Trump, the Republican) and ([READ ITEM], the Democrat), for whom would you vote?

How about if the candidates were (Trump, the Republican) and ([NEXT ITEM], the Democrat)? **IF NEEDED:** For whom would you vote?

*****SCRAMBLE ITEMS*****
a. Joe Biden
b. Bernie Sanders
c. Elizabeth Warren
d. Kamala [COMMA-la] Harris
e. Pete Buttigieg [BOOT-uh-jidge]

1 Donald Trump, the Republican
2 [ITEM], the Democrat
3 (VOL) Other candidate **ASK Q19**
4 (VOL) Neither **ASK Q19**
5 (VOL) Would not vote
DK/No opinion **ASK Q19**
NA/Refused **ASK Q19**

19. *****ASK IF NOT TRUMP, [ITEM], OR WOULD NOT VOTE (Q18=3,4,DK,REF)*****
*****ROTATE ORDER OF ITEMS IN PARENTHESES IN SAME ORDER AS Q18*****
Would you lean toward (Trump) or (ITEM)?

1 Trump
2 [ITEM]
3 (VOL) Other candidate
4 (VOL) Neither
5 (VOL) Would not vote
DK/No opinion
NA/Refused

20. Overall, do you have a favorable or unfavorable impression of [ITEM]?

How about [NEXT ITEM]? **IF NEEDED:** Overall, do you have a favorable or unfavorable impression of [NEXT ITEM]?

GET ANSWER AND ASK: Do you feel that way STRONGLY, or SOMEWHAT?

*****ASK ALL, SCRAMBLE ITEMS*****
a. Donald Trump
b. Joe Biden
c. Bernie Sanders
d. Elizabeth Warren
e. Kamala [COMMA-la] Harris
f. Pete Buttigieg [BOOT-uh-jidge]

1 Favorable, STRONGLY
2 Favorable, SOMEWHAT
3 Unfavorable, SOMEWHAT
4 Unfavorable, STRONGLY
DK/No opinion
NA/Refused

Thinking about gun issues…
21x. Would you support or oppose a nationwide ban on the sale of assault weapons?

GET ANSWER AND ASK: Do you feel that way STRONGLY or SOMEWHAT?

1 Support STRONGLY
2 Support SOMEWHAT
3 Oppose SOMEWHAT
4 Oppose STRONGLY
DK/No Opinion
NA/Refused

21. Would you support or oppose [ITEM]?

*****ASK ALL, SCRAMBLE ITEMS*****
a. requiring background checks on all potential gun buyers, including private sales and gun shows
b. a nationwide ban on high-capacity ammunition clips, meaning those containing more than 10 bullets
c. a law allowing the police to take guns away from people who have been found by a judge to be a danger to themselves or others
d. a mandatory buyback program in which the federal government would require assault weapon owners to turn in those weapons in exchange for payment

1 Support
2 Oppose

DK/No Opinion
NA/Refused

22. *****ROTATE ORDER OF ITEMS IN PARENTHESES*****
Who do you trust more to handle gun laws in this country – (Trump) or (the Democrats in Congress)?

1 Trump
2 Democrats in Congress
3 (VOL) Both equally
4 (VOL) Neither
DK/No opinion
NA/Refused

24. How confident are you that [ITEM] would reduce mass shootings in this country – very confident, somewhat confident, not so confident or not confident at all?

What about [NEXT ITEM]? **IF NEEDED:** How confident are you that [NEXT ITEM] would reduce mass shootings in this country – very confident, somewhat confident, not so confident or not confident at all?

*****ROTATE ITEMS*****
a. Improving mental health monitoring and treatment
b. Passing stricter gun control laws

1 Very confident
2 Somewhat confident
3 Not so confident
4 Not confident at all
DK/No opinion
NA/Refused

25. How worried are you, if at all, that a mass shooting could happen in your community – is that something that worries you a great deal, somewhat, not so much or not at all?

1 A great deal
2 Somewhat
3 Not so much
4 Not at all
DK/No opinion
NA/Refused

26. Do you or does anyone in your house own a gun, or not?

1 Yes
2 No
DK/No opinion
NA/Refused

DEMOGRAPHICS: Now just a few more questions to help classify your answers.

NOTE: ADD AT TOP OF SCREEN FOR ALL DEMO QUESTIONS:
IF REFUSED: We understand and respect that this information is private, we ask only for research purposes, and all your answers are recorded confidentially.

908a. Would you say your views on most political matters are liberal, moderate, or conservative?

1 Liberal
2 Moderate
3 Conservative
4 (VOL) Don't think in those terms
DK/No opinion
NA/Refused

908b. *****ASK IF LIBERAL (Q908a=1)*****
Would you say that you are very liberal or somewhat liberal?

1 Very
2 Somewhat
DK/No opinion
NA/Refused

908c. *****ASK IF CONSERVATIVE (Q908a=3)*****
Would you say that you are very conservative or somewhat conservative?

1 Very
2 Somewhat
DK/No opinion
NA/Refused

909. *****ASK ALL*****
What was the last grade of school you completed?

1 8th grade or less
2 Some high school
3 Graduated high school
4 Some college (ASK IF TECHNICAL SCHOOL; IF YES, PUNCH CODE 3, FOR HIGH SCHOOL)
5 Graduated College
6 Post-graduate
DK/No opinion
NA/Refused

909a. *****ASK IF GRADUATED COLLEGE (Q909=5)*****
Was that an associate's degree, a bachelor's degree, or what?

1 Associates degree
2 Bachelors degree
3 Other
DK/No opinion
NA/Refused

910. *****ASK ALL*****
What is your age?

RECORD NUMBER 18-99: _____
NA/Refused

910a. *****ASK IF REFUSED AGE (Q910=REF)*****
Could you please tell me if you are between the ages of **(READ LIST)**…?

1 18 to 29

2 30 to 39
3 40 to 49
4 50 to 64
5 65 or older
Refused

911. *****ASK ALL*****
What, if anything, is your religion? **(DO NOT READ LIST)**

1 Agnostic
2 Atheist
3 Baptist
4 Catholic/Roman Catholic
5 Christian **- ASK Q911AA**
6 Episcopalian
24 Islam/Muslim
7 Jewish
8 Lutheran
9 Methodist
25 Mormon/Latter Day Saints/LDS
10 Pentecostal
11 Presbyterian
12 Protestant
13 Southern Baptist
14 NONE
15 OTHER **- SHOW Q911SUP**
*****DO NOT SHOW BELOW ON SCREEN*****
21 Christian (Protestant)
22 Christian (Non-Protestant)
23 Other Non-Christian
26 Christian (unspecified)
27 Other (unspecified)
DK/No opinion **- ASK Q911N**
NA/Refused **- ASK Q911N**

911SUP. **(DO NOT READ LIST**) Code response into one of the following.

1 Bahai (punch Q911=23)
2 Buddhist (punch Q911=23)
3 Church of Christ (punch Q911=12)
4 Church of God (punch Q911=12)
5 Druid (punch Q911=23)
6 Hindu (punch Q911=23)
7 Humanitarian/Humanity (punch Q911=23)
8 Jehovah's Witness (punch Q911=22)
9 LDS/Latter Day Saints (punch Q911=25)
10 Metaphysical (punch Q911=23)
11 Muslim (punch Q911=24)
12 Native American/Indian (punch Q911=23)
13 Non-Christian (punch Q911=23)
14 Non-Denominational **- ASK Q911N**
15 Orthodox (Any Mention) (punch Q911=22)
16 Pagan (punch Q911=23)
23 Roman Catholic (punch Q911=4)
17 Satanist (punch Q911=23)
18 Seventh Day Adventist (punch Q911=12)
19 Spiritualist/Spiritual (punch Q911=23)
20 Unitarian/Universalist (punch Q911=23)
21 Wiccan (punch Q911=23)
22 Other **- ASK Q911N**

911n. *****ASK IF Q911=DK/REF OR IF Q911SUP=14 "Non-Denominational" OR IF Q911SUP=22 "Other"*****
Do you consider yourself a Christian, or not?

1 Yes	**- ASK Q911AA**
2 No	(punch Q911=23)
DK/No opinion	(punch Q911=27)
NA/Refused	(punch Q911=27)

911aa. *****ASK IF Q911=5 "Christian" OR Q911N=1 "Yes"*****
Which denomination or branch of Christianity is that? **(DO NOT READ LIST)**

1 Baptist	(punch Q911=3)
2 Catholic/Roman Catholic	(punch Q911=4)
3 Church of Christ	(punch Q911=12)
4 Church of God	(punch Q911=12)
5 Episcopalian	(punch Q911=6)
6 Jehovah's Witness	(punch Q911=22)
7 Lutheran	(punch Q911=8)
8 Methodist	(punch Q911=9)
9 Mormon/Latter Day Saints/LDS	(punch Q911=25)
10 Orthodox (Any Mention)	(punch Q911=22)
11 Pentecostal	(punch Q911=10)
12 Presbyterian	(punch Q911=11)
13 Protestant	(punch Q911=12)
14 Seventh Day Adventist	(punch Q911=12)
15 Southern Baptist	(punch Q911=13)
16 Other **(SPECIFY)**	**- ASK Q911A**
17 None	(punch Q911=26)
DK/No opinion	**- ASK Q911A**
NA/Refused	(punch Q911=26)

911a. *****ASK IF Q911aa=16 "Other" OR Q911aa=DK "DK/No opinion"*****
Is that a Protestant denomination, or not?

1 Yes	(punch Q911=12)
2 No	(punch Q911=22)
DK/No opinion	(punch Q911=26)
NA/Refused	(punch Q911=26)

911b. *****ASK IF Q911=3,4,5,6,8-13,21,22,25,26*****
Would you consider yourself a born-again or evangelical Christian, or not?

1 Yes
2 No
DK/No opinion
NA/Refused

918. *****ASK ALL*****
Are you of Hispanic origin or background?
(IF "YES," ASK:) Are you White Hispanic or Black Hispanic?
(IF "NO," ASK:) Are you white, black, or some other race?

1 White
2 Black
3 White Hispanic
4 Black Hispanic
5 Hispanic (no race given)

6 Asian
7 Other race
DK/No opinion
NA/Refused

Q918x. *****ASK IF HISPANIC q918=3,4,5*****
In what country were you born?

[DO NOT READ] CODE 50 STATES (INCLUDING WASHINGTON D.C.) AS 1 IN UNITED STATES
[DO NOT READ] CODE NORTHERN MARIANA ISLANDS, US VIRGIN ISLANDS, GUAM,AMERICAN SAMOA AS 2 NOT IN UNITED STATES

1 United States
2 Not in United States or Puerto Rico
3 Puerto Rico
DK/No opinion
NA/Refused

INCOME. *****ASK ALL*****
Which of the following CATEGORIES best describes your total annual household income before taxes, from all sources? **(READ LIST)**

PROBE: Your best estimate is fine.

1 Under 20 thousand dollars
2 20 to under 35 thousand
3 35 to under 50 thousand
4 50 to under 75 thousand
5 75 to under 100 thousand
6 100 thousand or more
NA/Refused

INCOME2. *****ASK IF INCOME $100k+ (INCOME=6)*****
Is that 100 to under 150 thousand, 150 to under 200 thousand, 200 to under 250 thousand, or 250 thousand or more?

1 100 to under 150 thousand
2 150 to under 200 thousand
3 200 to under 250 thousand
4 250 thousand or more
NA/Refused

920.1 *****FIRST NIGHT ONLY FOR CELL PHONE*****
*****FIRST NIGHT ONLY FOR LL*****
May a reporter from ABC NEWS or THE WASHINGTON POST call you to talk about some of the things we've been discussing?

1 Yes
2 No **(SKIP TO 921)**
DK/No opinion **(SKIP TO 921)**
NA/Refused **(SKIP TO 921)**

920.2 *****ASK IF YES TO REPORTER CALL (Q920.1=1)*****
May I please have your first name, so the reporter will know who to ask for:

RECORD VERBATIM: _____

921. *****ASK ALL*****
RECORD GENDER
1 Male
2 Female

D1. *****ASK IF CELL PHONE (SAMPTYPE=3,4)*****
What state do you live in?

1 Alabama
2 Alaska
3 Arizona
4 Arkansas
5 California
6 Colorado
7 Connecticut
8 Delaware
9 District of Columbia/Washington, DC
10 Florida
11 Georgia
12 Hawaii
13 Idaho
14 Illinois
15 Indiana
16 Iowa
17 Kansas
18 Kentucky
19 Louisiana
20 Maine
21 Maryland
22 Massachusetts
23 Michigan
24 Minnesota
25 Mississippi
26 Missouri
27 Montana
28 Nebraska
29 Nevada
30 New Hampshire
31 New Jersey
32 New Mexico
33 New York
34 North Carolina
35 North Dakota
36 Ohio
37 Oklahoma
38 Oregon
39 Pennsylvania
40 Puerto Rico
41 Rhode Island
42 South Carolina
43 South Dakota
44 Tennessee
45 Texas
46 Utah
47 Vermont
48 Virginia
49 Virgin Islands
50 Washington
51 West Virginia
52 Wisconsin
53 Wyoming
NA/Refused

D1a. *****ASK ALL*****
And may I please have your zip code?

RECORD NUMBER 00001-99999: _____
NA/Refused

L1. *****ASK IF LANDLINE (SAMPTYPE=1,2)*****
Now thinking about your telephone use… Does anyone in your household, including yourself, have a working cell phone?

1 Yes, respondent or someone in household has cell phone
2 No
DK/No opinion
NA/Refused

C1. *****ASK IF CELL PHONE SAMPLE (SAMPTYPE=3,4)*****
Now thinking about your telephone use, is there at least one telephone INSIDE your home that is currently working and is not a cell phone?

1 Yes, has a home telephone
2 No, no home telephone
DK/No opinion
NA/Refused

924. *****ASK ALL*****
*****IF Q921=1 DISPLAY MALE FIRST*****
*****IF Q921=2 DISPLAY FEMALE FIRST*****
Pardon, but I'm required to verify - are you (male) or (female)?

IF RESPONSE IS NOT Male/Female: If you had to pick, would you say (male) or (female)?

1 Male
2 Female
NA/Refused

D2. *****ASK IF $10 REIMBURSEMENT OFFER ACCEPTED (QCOM=1)*****
INTERVIEWER: IF $10 REIMBURSEMENT FOR TIME/MINUTES WAS OFFERED/ACCEPTED DURING INTERVIEW, THEN READ QD2. OTHERWISE, ENTER "2" AND SKIP TO END.
Finally, in order to be able to mail you a reimbursement check for $10, I need your full name and address:

1 Gave full name/address **- ASK QD2a**
2 Refused/declined to give contact information **- SKIP TO END**

D2a. *****PROGRAMMER: THE INFO GIVEN IN D2A WILL NEED TO BE OUTPUT AS AN EXCEL FILE AFTER DATA COLLECTION ENDS*****
RECORD NAME AND ADDRESS. (INTERVIEWER: PLEASE VERIFY SPELLING AND ACCURACY OF EACH ITEM BY READING IT BACK TO THE RESPONDENT.)

FULL NAME:_____
STREET ADDRESS:_____
CITY:_____
STATE:_____
ZIP:_____

*****END*****

Interviewer demographics

Intrace. Interviewer record race [DO NOT READ]
1 White
2 Black
3 White Hispanic
4 Black Hispanic
6 Asian
7 Other race

Intgend. Interviewer record gender [DO NOT READ]
1 Male
2 Female

Lang. Enter language of interview [DO NOT READ]

1 English
2 Spanish

Column Frequencies for 31116757.dat TYPE=oneasc FORM 1 CARD 1 (COL=0)
Source: The Roper Center, 08/13/2020 Records = 1003

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2	0	0	296	355	76	0	0	0	0	0	0	0	276	0	727	2
3	0	0	129	115	115	100	96	91	100	92	69	74	22	0	981	3
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5	0	0	99	91	107	96	112	98	88	100	113	99	0	0	1003	5
6	0	0	86	108	100	98	98	97	107	102	105	102	0	0	1003	6
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14	0	0	1003	0	0	0	0	0	0	0	0	0	0	0	1003	14
15	0	0	1003	0	0	0	0	0	0	0	0	0	0	0	1003	15
16	0	0	0	0	0	0	1003	0	0	0	0	0	0	0	1003	16
17	0	0	0	0	0	0	0	0	0	0	0	0	1003	0	0	17
18	0	0	0	0	0	0	0	0	0	0	0	0	1003	0	0	18
19	0	0	0	0	0	0	0	0	0	0	0	0	1003	0	0	19
20	0	0	0	0	0	0	0	0	0	0	0	0	1003	0	0	20
21	0	0	0	0	0	0	0	0	0	0	0	0	1003	0	0	21
22	0	0	0	0	0	0	0	0	0	0	0	0	1003	0	0	22
23	0	0	0	0	0	0	0	0	0	0	0	0	1003	0	0	23
24	0	0	0	0	0	0	0	0	0	0	0	0	1003	0	0	24
25	0	0	0	0	0	0	0	0	0	0	0	0	1003	0	0	25
26	0	0	0	0	0	0	0	0	0	0	0	0	1003	0	0	26
27	0	0	0	0	0	0	0	0	0	0	0	0	1003	0	0	27
28	0	0	0	0	0	0	0	0	0	0	0	0	1003	0	0	28
29	0	0	0	0	0	0	0	0	0	0	0	0	1003	0	0	29
30	0	0	0	0	0	0	0	0	0	0	0	0	1003	0	0	30
31	0	0	0	0	0	0	0	0	0	0	0	0	1003	0	0	31
32	0	0	0	0	0	0	0	0	0	0	0	0	1003	0	0	32
33	0	0	0	0	0	0	0	0	0	0	0	0	1003	0	0	33
34	0	0	0	0	0	0	0	0	0	0	0	0	1003	0	0	34
35	0	0	0	0	0	0	0	0	0	0	0	0	1003	0	0	35
36	0	0	0	0	0	0	0	0	0	0	0	0	1003	0	0	36
37	0	0	0	351	0	652	0	0	0	0	0	0	0	0	1003	37
38	0	0	0	0	1003	0	0	0	0	0	0	0	0	0	1003	38
39	0	0	1003	0	0	0	0	0	0	0	0	0	0	0	1003	39
40	0	0	0	1003	0	0	0	0	0	0	0	0	0	0	1003	40
41	0	0	0	0	0	0	0	0	0	0	0	1003	0	0	1003	41
42	0	0	1003	0	0	0	0	0	0	0	0	0	0	0	1003	42
43	0	0	0	0	0	0	0	0	0	0	0	1003	0	0	1003	43
44	0	0	1003	0	0	0	0	0	0	0	0	0	0	0	1003	44
45	0	0	0	0	266	237	248	252	0	0	0	0	0	0	1003	45
46	0	0	0	266	237	248	252	0	0	0	0	0	0	0	1003	46
47	0	0	0	0	0	0	1003	0	0	0	0	0	0	0	1003	47
48	0	0	0	507	495	0	0	0	0	0	0	0	1	0	1002	48
49	0	0	231	129	102	33	0	0	0	99	184	224	1	0	1002	49
50	0	0	161	159	170	179	176	157	0	0	0	0	1	0	1002	50
51	0	0	103	95	85	93	116	121	108	84	98	100	0	0	1003	51
52	0	0	0	650	29	2	0	0	13	56	125	128	0	0	1003	52
53	0	0	126	134	114	101	75	53	22	20	24	12	0	322	1003	53
54	0	0	29	29	27	35	28	36	31	36	29	42	0	681	1003	54
55	0	0	107	97	104	98	114	117	93	90	90	93	0	0	1003	55
56	0	0	0	0	0	0	0	0	0	0	0	0	1003	0	0	56
57	0	0	0	473	305	36	180	4	5	0	0	0	0	0	1003	57
58	0	0	0	0	0	0	0	0	0	0	0	0	1003	0	0	58
59	0	0	0	181	210	387	225	0	0	0	0	0	0	0	1003	59
60	0	0	0	179	217	391	216	0	0	0	0	0	0	0	1003	60
61	0	0	0	0	0	0	0	0	0	0	0	0	1003	0	0	61
62	0	0	0	48	133	142	68	203	65	119	71	154	0	0	1003	62
63	0	0	0	0	0	0	0	0	0	0	0	0	1003	0	0	63
64	0	0	0	49	130	147	70	204	65	122	76	140	0	0	1003	64
65	0	0	0	182	148	246	195	29	0	0	0	0	203	0	800	65
66	0	0	83	133	42	158	178	141	71	62	57	78	0	0	1003	66
67	0	0	0	142	145	247	220	1	0	0	0	0	248	0	755	67
68	0	0	109	62	134	191	53	164	57	72	78	83	0	0	1003	68
69	0	0	0	172	831	0	0	0	0	0	0	0	0	0	1003	69
70	0	0	0	34	276	693	0	0	0	0	0	0	0	0	1003	70
71	0	0	0	76	181	94	652	0	0	0	0	0	0	0	1003	71
72	0	0	0	317	435	171	0	0	0	0	0	0	80	0	923	72
73	0	0	0	0	0	0	0	0	0	0	0	0	1003	0	0	73
74	0	0	0	233	118	0	0	0	0	0	0	0	652	0	351	74
75	0	0	0	0	0	0	0	0	0	0	0	0	1003	0	0	75
76	0	0	76	231	44	0	0	0	0	0	0	0	652	0	351	76
77	0	0	0	0	0	0	0	0	0	0	0	0	1003	0	0	77
78	0	0	0	766	115	63	17	0	8	34	0	0	0	0	1003	78
79	0	0	0	0	0	0	0	0	0	0	0	0	1003	0	0	79

Column Frequencies for 31116757.dat TYPE=oneasc FORM 1 CARD 1 (COL=0)
Source: The Roper Center, 08/13/2020 Records = 1003

COL	&	-	0	1	2	3	4	5	6	7	8	9	BLANK	OTHER	NONBLNK	COL
80	0	0	0	483	520	0	0	0	0	0	0	0	0	0	1003	80
81	0	0	0	0	0	0	0	0	0	0	0	0	1003	0	0	81
82	0	0	0	112	146	260	134	0	0	0	0	0	351	0	652	82
83	0	0	0	1003	0	0	0	0	0	0	0	0	0	0	1003	83
84	0	0	0	0	1003	0	0	0	0	0	0	0	0	0	1003	84
85	0	0	1003	0	0	0	0	0	0	0	0	0	0	0	1003	85
86	0	0	0	0	0	0	0	0	0	1003	0	0	0	0	1003	86
87	0	0	0	0	0	0	0	0	0	0	0	0	1003	0	0	87
88	0	0	0	0	0	0	0	0	0	0	0	0	1003	0	0	88
89	0	0	0	0	0	0	0	0	0	0	0	0	1003	0	0	89
90	0	0	0	1003	0	0	0	0	0	0	0	0	0	0	1003	90
91	0	0	0	0	1003	0	0	0	0	0	0	0	0	0	1003	91
92	0	0	1003	0	0	0	0	0	0	0	0	0	0	0	1003	92
93	0	0	0	1003	0	0	0	0	0	0	0	0	0	0	1003	93
94	0	0	0	0	0	0	0	0	0	0	0	1003	0	0	1003	94
95	0	0	0	652	0	0	0	0	0	0	0	0	351	0	652	95
96	0	0	0	556	447	0	0	0	0	0	0	0	0	0	1003	96
97	0	0	0	320	100	71	457	0	0	0	49	6	0	0	1003	97
98	0	0	0	420	528	0	0	0	0	0	49	0	6	0	997	98
99	0	0	0	484	469	0	0	0	0	0	47	3	0	0	1003	99
100	0	0	0	391	529	0	0	0	0	0	80	3	0	0	1003	100
101	0	0	0	181	422	274	115	0	0	0	9	2	0	0	1003	101
102	0	0	0	603	389	0	0	0	0	0	9	0	2	0	1001	102
103	0	0	0	208	368	201	185	0	0	0	39	2	0	0	1003	103
104	0	0	0	576	386	0	0	0	0	0	39	0	2	0	1001	104
105	0	0	0	162	441	332	0	0	0	0	60	8	0	0	1003	105
106	0	0	0	315	269	146	258	0	0	0	13	2	0	0	1003	106
107	0	0	0	584	404	0	0	0	0	0	13	0	2	0	1001	107
108	0	0	0	284	262	357	58	0	0	0	31	11	0	0	1003	108
109	0	0	0	0	0	1	0	0	0	0	0	0	944	58	59	109
110	0	0	0	0	0	0	0	0	0	0	0	0	945	58	58	110
111	0	0	0	0	0	0	0	0	0	0	0	0	947	56	56	111
112	0	1	0	0	0	0	0	0	0	0	0	0	952	50	51	112
113	0	0	0	0	0	0	0	0	0	0	0	0	946	57	57	113
114	0	0	0	0	0	0	0	0	0	0	0	0	948	55	55	114
115	0	0	0	0	0	0	0	0	0	0	0	0	952	51	51	115
116	0	0	0	0	0	0	0	0	0	0	0	0	953	50	50	116
117	0	0	0	0	0	0	0	0	0	0	0	0	957	46	46	117
118	0	0	0	0	0	0	0	0	0	0	0	0	961	42	42	118
119	0	0	0	0	0	0	0	0	0	0	0	0	964	39	39	119
120	0	0	0	0	0	0	0	0	0	0	0	0	978	25	25	120
121	0	0	0	0	0	0	0	0	0	0	0	0	992	11	11	121
122	0	0	0	0	0	0	0	0	0	0	0	0	992	11	11	122
123	0	0	0	0	0	0	0	0	0	0	0	0	996	7	7	123
124	0	0	0	0	0	0	0	0	0	0	0	0	995	8	8	124
125	0	0	0	0	0	0	0	0	0	0	0	0	996	7	7	125
126	0	0	0	0	0	0	0	0	0	0	0	0	997	6	6	126
127	0	0	0	0	0	0	0	0	0	0	0	0	1000	3	3	127
128	0	0	0	0	0	0	0	0	0	0	0	0	1001	2	2	128
129	0	0	0	0	0	0	0	0	0	0	0	0	1002	1	1	129
130	0	0	0	0	0	0	0	0	0	0	0	0	1000	3	3	130
131	0	0	0	0	0	0	0	0	0	0	0	0	1000	3	3	131
132	0	0	0	0	0	0	0	0	0	0	0	0	1000	3	3	132
133	0	0	0	0	0	0	0	0	0	0	0	0	1000	3	3	133
134	0	0	0	0	0	0	0	0	0	0	0	0	1001	2	2	134
135	0	0	0	0	0	0	0	0	0	0	0	0	1001	2	2	135
136	0	0	0	0	0	0	0	0	0	0	0	0	1000	3	3	136
137	0	0	0	0	0	0	0	0	0	0	0	0	1001	2	2	137
138	0	0	0	0	0	0	0	0	0	0	0	0	1000	3	3	138
139	0	0	0	0	0	0	0	0	0	0	0	0	1000	3	3	139
140	0	0	0	0	0	0	0	0	0	0	0	0	1001	2	2	140
141	0	0	0	0	0	0	0	0	0	0	0	0	1001	2	2	141
142	0	0	0	0	0	0	0	0	0	0	0	0	1001	2	2	142
143	0	0	0	0	0	0	0	0	0	0	0	0	1002	1	1	143
144	0	0	0	0	0	0	0	0	0	0	0	0	1001	2	2	144
145	0	0	0	0	0	0	0	0	0	0	0	0	1001	2	2	145
146	0	0	0	0	0	0	0	0	0	0	0	0	1002	1	1	146
147	0	0	0	0	0	0	0	0	0	0	0	0	1002	1	1	147
148	0	0	0	0	0	0	0	0	0	0	0	0	1003	0	0	148
149	0	0	0	0	0	0	0	0	0	0	0	0	1002	1	1	149
150	0	0	0	0	0	0	0	0	0	0	0	0	1002	1	1	150
151	0	0	0	0	0	0	0	0	0	0	0	0	1002	1	1	151
152	0	0	0	0	0	0	0	0	0	0	0	0	1002	1	1	152
153	0	0	0	0	0	0	0	0	0	0	0	0	1002	1	1	153
154	0	0	0	0	0	0	0	0	0	0	0	0	1002	1	1	154
155	0	0	0	0	0	0	0	0	0	0	0	0	1002	1	1	155
156	0	0	0	0	0	0	0	0	0	0	0	0	1003	0	0	156
157	0	0	0	0	0	0	0	0	0	0	0	0	1002	1	1	157
158	0	0	0	0	0	0	0	0	0	0	0	0	1002	1	1	158

Column Frequencies for 31116757.dat TYPE=oneasc FORM 1 CARD 1 (COL=0)
Source: The Roper Center, 08/13/2020 Records = 1003

COL	&	-	0	1	2	3	4	5	6	7	8	9	BLANK	OTHER	NONBLNK	COL
159	0	0	0	0	0	0	0	0	0	0	0	0	1002	1	1	159
160	0	0	0	0	0	0	0	0	0	0	0	0	1002	1	1	160
161	0	0	0	0	0	0	0	0	0	0	0	0	1002	1	1	161
162	0	0	0	153	145	124	0	0	0	0	26	9	546	0	457	162
163	0	0	0	437	407	108	27	0	0	0	18	0	6	0	997	163
164	0	0	0	877	122	0	0	0	0	0	3	1	0	0	1003	164
165	0	0	0	210	0	0	0	0	0	0	0	72	721	0	282	165
166	0	0	0	29	125	15	4	88	17	85	54	20	566	0	437	166
167	0	0	0	0	0	0	0	0	0	0	0	0	1000	3	3	167
168	0	0	0	0	0	0	0	0	0	0	0	0	1000	3	3	168
169	0	0	0	0	0	0	0	0	0	0	0	0	1000	3	3	169
170	0	0	0	0	0	0	0	0	0	0	0	0	1001	2	2	170
171	0	0	0	0	0	0	0	0	0	0	0	0	1000	3	3	171
172	0	0	0	0	0	0	0	0	0	0	0	0	1000	3	3	172
173	0	0	0	0	0	0	0	0	0	0	0	0	1000	3	3	173
174	0	0	0	0	0	0	0	0	0	0	0	0	1000	3	3	174
175	0	0	0	0	0	0	0	0	0	0	0	0	1002	1	1	175
176	0	0	0	12	0	0	0	0	0	0	0	41	950	0	53	176
177	0	0	0	3	11	0	0	4	12	8	25	2	938	0	65	177
178	0	0	0	0	0	0	0	0	0	0	0	0	1003	0	0	178
179	0	0	0	222	0	0	0	0	0	0	0	45	736	0	267	179
180	0	0	0	32	136	15	4	92	17	93	29	16	569	0	434	180
181	0	0	0	221	161	0	0	0	0	0	8	1	612	0	391	181
182	0	0	0	50	74	0	0	0	0	0	2	0	877	0	126	182
183	0	0	0	40	27	0	0	0	0	0	2	0	934	0	69	183
184	0	0	0	58	24	0	0	0	0	0	2	0	919	0	84	184
185	0	0	0	25	5	0	0	0	0	0	0	0	973	0	30	185
186	0	0	0	13	7	0	0	0	0	0	1	0	982	0	21	186
187	0	0	0	131	0	0	0	0	0	0	0	98	774	0	229	187
188	0	0	0	11	201	6	1	70	11	73	57	7	566	0	437	188
189	0	0	0	191	0	0	0	0	0	0	0	97	715	0	288	189
190	0	0	0	21	116	8	11	88	3	110	65	15	566	0	437	190
191	0	0	0	155	239	7	5	15	0	0	13	3	566	0	437	191
192	0	0	0	89	28	317	0	0	0	0	3	0	566	0	437	192
193	0	0	0	12	162	262	0	0	0	0	1	0	566	0	437	193
194	0	0	0	180	53	187	0	0	0	0	15	2	566	0	437	194
195	0	0	0	57	19	357	0	0	0	0	4	0	566	0	437	195
196	0	0	0	2	124	306	0	0	0	0	4	1	566	0	437	196
197	0	0	0	419	509	5	30	16	0	0	19	5	0	0	1003	197
198	0	0	0	5	14	3	22	0	0	0	12	3	944	0	59	198
199	0	0	0	424	523	3	23	16	0	0	11	0	3	0	1000	199
200	0	0	0	435	483	5	32	23	0	0	20	5	0	0	1003	200
201	0	0	0	6	12	2	23	0	0	0	15	4	941	0	62	201
202	0	0	0	441	495	2	25	23	0	0	13	0	4	0	999	202
203	0	0	0	440	472	3	36	14	0	0	36	2	0	0	1003	203
204	0	0	0	1	21	1	28	0	0	0	24	2	926	0	77	204
205	0	0	0	441	493	3	27	14	0	0	23	0	2	0	1001	205
206	0	0	0	437	458	3	28	22	0	0	48	7	0	0	1003	206
207	0	0	0	6	18	3	27	1	0	0	27	4	917	0	86	207
208	0	0	0	443	476	4	26	23	0	0	27	0	4	0	999	208
209	0	0	0	427	446	5	31	19	0	0	69	6	0	0	1003	209
210	0	0	0	16	15	3	29	1	0	0	43	4	892	0	111	210
211	0	0	0	443	461	3	32	20	0	0	40	0	4	0	999	211
212	0	0	0	298	134	71	466	0	0	0	27	7	0	0	1003	212
213	0	0	0	432	537	0	0	0	0	0	27	0	7	0	996	213
214	0	0	0	238	280	160	246	0	0	0	74	5	0	0	1003	214
215	0	0	0	518	406	0	0	0	0	0	74	0	5	0	998	215
216	0	0	0	225	240	101	350	0	0	0	83	4	0	0	1003	216
217	0	0	0	465	451	0	0	0	0	0	83	0	4	0	999	217
218	0	0	0	233	202	118	308	0	0	0	137	5	0	0	1003	218
219	0	0	0	435	426	0	0	0	0	0	137	0	5	0	998	219
220	0	0	0	153	232	117	281	0	0	0	217	3	0	0	1003	220
221	0	0	0	385	398	0	0	0	0	0	217	0	3	0	1000	221
222	0	0	0	155	200	121	201	0	0	0	318	8	0	0	1003	222
223	0	0	0	355	322	0	0	0	0	0	318	0	8	0	995	223
224	0	0	0	474	97	71	315	0	0	0	40	6	0	0	1003	224
225	0	0	0	571	386	0	0	0	0	0	40	0	6	0	997	225
226	0	0	0	899	87	0	0	0	0	0	13	4	0	0	1003	226
227	0	0	0	615	346	0	0	0	0	0	39	3	0	0	1003	227
228	0	0	0	844	128	0	0	0	0	0	23	8	0	0	1003	228
229	0	0	0	498	457	0	0	0	0	0	42	6	0	0	1003	229
230	0	0	0	398	474	4	88	0	0	0	32	7	0	0	1003	230
231	0	0	0	363	379	126	111	0	0	0	18	6	0	0	1003	231
232	0	0	0	742	237	0	0	0	0	0	18	0	6	0	997	232
233	0	0	0	285	267	119	312	0	0	0	13	7	0	0	1003	233
234	0	0	0	552	431	0	0	0	0	0	13	0	7	0	996	234
235	0	0	0	229	348	213	199	0	0	0	11	3	0	0	1003	235
236	0	0	0	577	412	0	0	0	0	0	11	0	3	0	1000	236
237	0	0	0	485	473	0	0	0	0	0	6	39	0	0	1003	237

Column Frequencies for 31116757.dat TYPE=oneasc FORM 1 CARD 1 (COL=0)
Source: The Roper Center, 08/13/2020 Records = 1003

COL	&	-	0	1	2	3	4	5	6	7	8	9	BLANK	OTHER	NONBLNK	COL
238	0	0	0	235	384	339	16	0	0	0	25	4	0	0	1003	238
239	0	0	0	93	139	0	0	0	0	0	2	1	768	0	235	239
240	0	0	0	157	181	0	0	0	0	0	1	0	664	0	339	240
241	0	0	0	93	142	384	182	157	16	0	25	0	4	0	999	241
242	0	0	0	21	31	239	215	322	168	0	4	3	0	0	1003	242
243	0	0	0	66	213	43	0	0	0	0	0	0	681	0	322	243
244	0	0	0	52	239	705	0	0	0	0	0	0	7	0	996	244
245	0	0	0	572	424	0	0	0	0	0	4	0	3	0	1000	245
246	0	0	0	291	281	256	168	0	0	0	4	0	3	0	1000	246
247	0	0	0	27	115	102	137	163	206	148	67	38	0	0	1003	247
248	0	0	122	84	93	84	74	122	98	87	115	124	0	0	1003	248
249	0	0	0	0	1	3	5	9	0	0	0	10	975	0	28	249
250	0	0	0	142	103	140	260	348	0	0	0	0	10	0	993	250
251	0	0	0	318	192	0	0	0	0	0	0	0	493	0	510	251
252	0	0	22	45	145	175	368	10	108	48	32	50	0	0	1003	252
253	0	0	0	27	20	0	0	0	0	0	0	0	956	0	47	253
254	0	0	3	2	23	1	7	4	9	1	4	7	942	0	61	254
255	0	0	0	49	7	0	0	0	0	0	2	17	928	0	75	255
256	0	0	0	159	0	0	0	0	0	0	0	24	820	0	183	256
257	0	0	1	61	21	18	5	7	36	91	27	17	719	0	284	257
258	0	0	0	0	0	0	0	0	0	0	0	0	967	36	36	258
259	0	0	0	0	0	0	0	0	0	0	0	0	967	36	36	259
260	0	0	0	0	0	0	0	0	0	0	0	0	967	36	36	260
261	0	3	0	0	0	0	0	0	0	0	0	0	980	20	23	261
262	0	0	0	0	0	0	0	0	0	0	0	0	971	32	32	262
263	0	0	0	0	0	0	0	0	0	0	0	0	969	34	34	263
264	0	0	0	0	0	0	0	0	0	0	0	0	970	33	33	264
265	0	0	0	0	0	0	0	0	0	0	0	0	972	31	31	265
266	0	0	0	0	0	0	0	0	0	0	0	0	972	31	31	266
267	0	0	0	0	0	0	0	0	0	0	0	0	979	24	24	267
268	0	0	0	0	0	0	0	0	0	0	0	0	978	25	25	268
269	0	0	0	0	0	0	0	0	0	0	0	0	981	22	22	269
270	0	0	0	0	0	0	0	0	0	0	0	0	982	21	21	270
271	0	0	0	0	0	0	0	0	0	0	0	0	983	20	20	271
272	0	0	0	0	0	0	0	0	0	0	0	0	983	20	20	272
273	0	0	0	0	0	0	0	0	0	0	0	0	984	19	19	273
274	0	0	0	0	0	0	0	0	0	0	0	0	992	11	11	274
275	0	0	0	0	0	0	0	0	0	0	0	0	991	12	12	275
276	0	0	0	0	0	0	0	0	0	0	0	0	998	5	5	276
277	0	0	0	0	0	0	0	0	0	0	0	0	999	4	4	277
278	0	0	0	0	0	0	0	0	0	0	0	0	1000	3	3	278
279	0	0	0	0	0	0	0	0	0	0	0	0	999	4	4	279
280	0	0	0	0	0	0	0	0	0	0	0	0	999	4	4	280
281	0	0	0	0	0	0	0	0	0	0	0	0	1000	3	3	281
282	0	0	0	0	0	0	0	0	0	0	0	0	1001	2	2	282
283	0	0	0	0	0	0	0	0	0	0	0	0	1001	2	2	283
284	0	0	0	0	0	0	0	0	0	0	0	0	1002	1	1	284
285	0	0	0	0	0	0	0	0	0	0	0	0	1002	1	1	285
286	0	0	0	0	0	0	0	0	0	0	0	0	1002	1	1	286
287	0	0	0	0	0	0	0	0	0	0	0	0	1002	1	1	287
288	0	0	0	0	0	0	0	0	0	0	0	0	1002	1	1	288
289	0	0	0	0	0	0	0	0	0	0	0	0	1002	1	1	289
290	0	0	0	0	0	0	0	0	0	0	0	0	1002	1	1	290
291	0	0	0	0	0	0	0	0	0	0	0	0	1002	1	1	291
292	0	0	0	22	16	0	0	0	0	0	6	16	943	0	60	292
293	0	0	0	273	363	0	0	0	0	0	32	13	322	0	681	293
294	0	0	0	357	188	34	66	237	102	19	0	0	0	0	1003	294
295	0	0	0	699	96	77	10	22	11	50	4	34	0	0	1003	295
296	0	0	0	68	36	3	0	0	0	0	0	2	894	0	109	296
297	0	0	0	699	96	109	0	0	11	50	4	0	34	0	969	297
298	0	0	0	142	0	0	0	0	0	0	0	0	861	0	142	298
299	0	0	0	68	41	699	96	61	0	0	4	0	34	0	969	299
300	0	0	0	176	202	134	184	0	0	0	0	0	307	0	696	300
301	0	0	0	106	95	114	159	156	269	0	0	104	0	0	1003	301
302	0	0	0	116	64	29	41	0	0	0	0	19	734	0	269	302
303	0	0	0	179	87	0	0	0	0	0	0	1	736	0	267	303
304	0	0	0	112	98	154	119	32	0	0	0	11	477	0	526	304
305	0	0	50	81	56	82	75	134	69	18	35	52	351	0	652	305
306	0	0	0	308	37	0	0	0	0	0	0	6	652	0	351	306
307	0	0	0	209	430	0	0	0	0	0	1	12	351	0	652	307
308	0	0	0	430	37	517	0	0	0	0	19	0	0	0	1003	308
309	0	0	0	539	444	0	0	0	0	0	0	20	0	0	1003	309
310	0	0	0	551	452	0	0	0	0	0	0	0	0	0	1003	310
311	0	0	0	639	2	11	0	0	0	0	0	0	351	0	652	311
312	0	0	0	0	2	0	0	0	0	0	0	0	1001	0	2	312
313	0	0	0	0	0	0	0	0	0	0	0	0	0	1003	1003	313
314	0	0	0	0	0	0	0	0	0	0	0	0	0	1003	1003	314
315	0	0	0	0	0	0	0	0	0	0	0	0	1003	0	0	315
316	0	0	0	0	0	0	0	0	0	0	0	0	1003	0	0	316

Column Frequencies for 31116757.dat TYPE=oneasc FORM 1 CARD 1 (COL=0)
Source: The Roper Center, 08/13/2020 Records = 1003

COL	&	-	0	1	2	3	4	5	6	7	8	9	BLANK	OTHER	NONBLNK	COL
317	0	0	0	0	0	0	0	0	0	0	0	0	1003	0	0	317
318	0	0	0	0	0	0	0	0	0	0	0	0	1003	0	0	318
319	0	0	0	976	27	0	0	0	0	0	0	0	0	0	1003	319
320	0	0	0	0	0	0	0	0	0	0	0	0	1003	0	0	320
321	0	0	0	0	0	0	0	0	0	0	0	0	1003	0	0	321
322	0	0	0	0	0	0	0	0	0	0	0	0	1003	0	0	322
323	0	0	0	0	0	0	0	0	0	0	0	0	1003	0	0	323
324	0	0	0	368	513	0	0	0	0	0	0	0	122	0	881	324
325	0	0	0	0	0	0	0	0	0	0	0	0	122	881	881	325
326	0	0	881	0	0	0	0	0	0	0	0	0	122	0	881	326
327	0	0	881	0	0	0	0	0	0	0	0	0	122	0	881	327
328	0	0	0	0	0	0	0	0	0	0	0	0	1003	0	0	328
329	0	0	0	358	49	10	4	0	0	0	0	0	582	0	421	329
330	0	0	0	0	0	0	0	0	0	0	0	0	0	1003	1003	330
331	0	0	73	105	91	117	115	109	114	101	104	74	0	0	1003	331
332	0	0	113	112	108	100	120	80	91	121	81	77	0	0	1003	332
333	0	0	83	91	96	92	116	60	124	70	131	140	0	0	1003	333
334	0	0	108	84	94	79	93	122	101	100	144	78	0	0	1003	334
335	0	0	131	97	76	97	111	83	64	125	90	129	0	0	1003	335
336	0	0	132	85	98	113	108	81	95	94	117	80	0	0	1003	336
337	0	0	120	93	95	92	94	107	103	93	86	120	0	0	1003	337