

USNSF2006-SCIENCE

Country: United States
Title: NSF Poll # 2006-SCIENCE: Trend Dataset--Surveys of Public Understanding of Science and Technology
Survey Organization: Jon D. Miller and Linda Kimmel, Northwestern University (1979-1999), ORC Macro (2001) and NORC, the General Social Survey (2006)
Sponsor: National Science Foundation (NSF)
Field Dates: 1979-2006
Sample: National adult
Sample Size: 23,906
Sample Notes:
Interview method: Telephone
Weight Location: Columns 2225-2232 (xxxx.xxxx)
No. of records per respondent: 1
Usage Notes: Basic methodological information for each year is included in the documentation. Sample questionnaires for each year are given with this dataset for reference. Not all questions contained in the sample questionnaires are included in the trend data file. Susan Carol Losh of Florida State University produced the cumulative trend data file. Read the documentation before using.

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

Year	Survey Organization	Principal Investigator	Interview Date	Sample Size	Type of Interview
1979	Institute for Survey Research, Temple University	Jon D. Miller, Linda Kimmel	Oct. - Dec. '79	1635	Personal
1981	Public Opinion Laboratory, Northern Illinois University	Jon D. Miller, Linda Kimmel	Oct. - Dec. 81	3193	Telephone
1983	Public Opinion Laboratory, Northern Illinois University	Jon D. Miller, Linda Kimmel	May - June '83	1631	Telephone
1985	Public Opinion Laboratory, Northern Illinois University	Jon D. Miller, Linda Kimmel	Nov. - Dec. '85	2003	Telephone
1988	Public Opinion Laboratory, Northern Illinois University	Jon D. Miller, Linda Kimmel	June - July '88	2041	Telephone
1990	Public Opinion Laboratory, Northern Illinois University	Jon D. Miller, Linda Kimmel	Sept. - Oct. '90	2005	Telephone
1992	Public Opinion Laboratory, Northern Illinois University	Jon D. Miller, Linda Kimmel	Nov. '92- Feb. '93	1995	Telephone
1995	Market Facts	Jon D. Miller, Linda Kimmel	Mar. - May '95	2006	Telephone
1997	NORC	Jon D. Miller, Linda Kimmel	May - July '97	2000	Telephone
1999	NORC	Jon D. Miller, Linda Kimmel	Mar. - May '99	1882	Telephone
2001	ORC-Macro	ORC-Macro	Feb. - Apr. '01	1574	Telephone
2006	NORC	NORC	Feb. - Apr. '06	1941	Telephone

Data Locations

Variable	Rec	Start	End	Format
casenum	1	1	8	F8.0
year	1	9	16	F8.0
yearseq	1	17	24	F8.0
gender	1	25	32	F8.2
female	1	33	40	F8.2
married	1	41	48	F8.2
genmar	1	49	56	F8.2
age	1	57	64	F8.0
age5cat	1	65	72	F8.0
pruntime	1	73	80	F8.2
nadults	1	81	88	F8.2
nunder18	1	89	96	F8.2
reduc4	1	97	104	F8.2
deglev4	1	105	112	F8.2
eductype	1	113	120	F8.2
nodeg	1	121	128	F8.2
aadeg	1	129	136	F8.2
voced	1	137	144	F8.2
badeg	1	145	152	F8.2
madeg	1	153	160	F8.2
docdeg	1	161	168	F8.2
advdeg	1	169	176	F8.2
profdeg	1	177	184	F8.2
phddeg	1	185	192	F8.2
femed	1	193	200	F8.2
felaw	1	201	208	F8.2
fevoced	1	209	216	F8.2
feaa	1	217	224	F8.2
femadeg	1	225	232	F8.2
fephd	1	233	240	F8.2
feprofdg	1	241	248	F8.2
edmaj	1	249	256	F8.2
colmaj	1	257	264	F8.2
modmajor	1	265	272	F8.2
hihsmath	1	273	280	F8.2
hsphysic	1	281	288	F8.0
hsbiolog	1	289	296	F8.2
hschemis	1	297	304	F8.2
geneduc	1	305	312	F8.2
edgenx	1	313	320	F8.2
gendegx	1	321	328	F8.2
collsci	1	329	336	F8.2
collsci3	1	337	344	F8.2
educmaj	1	345	352	F8.2
busmaj	1	353	360	F8.2
soclaw	1	361	368	F8.2
socscmaj	1	369	376	F8.2
commaj	1	377	384	F8.2
lawmaj	1	385	392	F8.2

comsoc	1	393	400	F8.2
lifeheal	1	401	408	F8.2
phystech	1	409	416	F8.2
lifephys	1	417	424	F8.2
biophys	1	425	432	F8.2
physcmaj	1	433	440	F8.2
matheng	1	441	448	F8.2
enginmaj	1	449	456	F8.2
biomaj	1	457	464	F8.2
alhealth	1	465	472	F8.2
medmaj	1	473	480	F8.2
mathmaj	1	481	488	F8.2
artsmaj	1	489	496	F8.2
humanmaj	1	497	504	F8.2
artshum	1	505	512	F8.2
inlabor	1	513	520	F8.2
scieng	1	521	528	F8.2
manager	1	529	536	F8.2
clerical	1	537	544	F8.2
othprof	1	545	552	F8.2
scijob	1	553	560	F8.2
proftech	1	561	568	F8.2
techjob	1	569	576	F8.2
healjob	1	577	584	F8.2
healtech	1	585	592	F8.2
occup	1	593	600	F8.2
worksci	1	601	608	F8.0
homepc	1	609	616	F8.2
hmcmphrs	1	617	624	F8.2
homeweb	1	625	632	F8.2
network	1	633	640	F8.2
homemail	1	641	648	F8.2
hrshmweb	1	649	656	F8.2
workcomp	1	657	664	F8.2
wkcmphrs	1	665	672	F8.2
workweb	1	673	680	F8.2
wkemail	1	681	688	F8.2
hrswkweb	1	689	696	F8.2
anyemail	1	697	704	F8.2
onlinehr	1	705	712	F8.2
webtopic	1	713	720	F8.2
undsoft	1	721	728	F8.2
morejobs	1	729	736	F8.2
workmore	1	737	744	F8.2
intsci	1	745	752	F8.2
inttech	1	753	760	F8.2
inteduc	1	761	768	F8.2
intmed	1	769	776	F8.0
intspace	1	777	784	F8.2
intdfns	1	785	792	F8.2
infsci	1	793	800	F8.2
inftech	1	801	808	F8.2
infeduc	1	809	816	F8.2
infmed	1	817	824	F8.2

infspace	1	825	832	F8.2
infdfn	1	833	840	F8.2
undsci	1	841	848	F8.2
meansci	1	849	856	F8.2
unddna	1	857	864	F8.2
meandna	1	865	872	F8.2
wheredna	1	873	880	F8.2
smokheal	1	881	888	F8.2
condrift	1	889	896	F8.2
rmanmade	1	897	904	F8.2
earthhot	1	905	912	F8.2
oxyplant	1	913	920	F8.2
lasers	1	921	928	F8.2
atomsiz	1	929	936	F8.2
antibiot	1	937	944	F8.2
dinosaur	1	945	952	F8.2
light	1	953	960	F8.2
earthsun	1	961	968	F8.2
suntime	1	969	976	F8.2
dadgene	1	977	984	F8.0
getdrug	1	985	992	F8.2
whytest	1	993	1000	F8.2
probno4	1	1001	1008	F8.0
problast	1	1009	1016	F8.0
probreq	1	1017	1024	F8.0
probif3	1	1025	1032	F8.0
probper	1	1033	1040	F8.2
evolved	1	1041	1048	F8.2
bigbang	1	1049	1056	F8.2
easier	1	1057	1064	F8.2
onfaith	1	1065	1072	F8.2
notimpt	1	1073	1080	F8.2
toofast	1	1081	1088	F8.2
destroy	1	1089	1096	F8.2
moreopp	1	1097	1104	F8.2
nuinvent	1	1105	1112	F8.2
lifebetr	1	1113	1120	F8.2
luckynum	1	1121	1128	F8.2
ufoalien	1	1129	1136	F8.2
proalien	1	1137	1144	F8.2
readastr	1	1145	1152	F8.2
astrosci	1	1153	1160	F8.2
danger	1	1161	1168	F8.2
riskben	1	1169	1176	F8.2
standliv	1	1177	1184	F8.2
fedsupsc	1	1185	1192	F8.2
scibene3	1	1193	1200	F8.2
apscienc	1	1201	1208	F8.2
aptech	1	1209	1216	F8.2
apscitec	1	1217	1224	F8.2
apmed	1	1225	1232	F8.2
apspace	1	1233	1240	F8.2
appolu	1	1241	1248	F8.2
fundspac	1	1249	1256	F8.2

fundpolu	1	1257	1264	F8.2
fundmed	1	1265	1272	F8.2
fundsci	1	1273	1280	F8.2
fundeduc	1	1281	1288	F8.2
funddfns	1	1289	1296	F8.2
conpolof	1	1297	1304	F8.2
voted	1	1305	1312	F8.2
scitop	1	1313	1320	F8.2
enrgtop	1	1321	1328	F8.2
dfnstop	1	1329	1336	F8.2
medtop	1	1337	1344	F8.2
eductop	1	1345	1352	F8.2
crimetop	1	1353	1360	F8.2
pltopnec	1	1361	1368	F8.2
envirtop	1	1369	1376	F8.2
forpol	1	1377	1384	F8.2
econtop	1	1385	1392	F8.2
civritop	1	1393	1400	F8.2
seniortp	1	1401	1408	F8.2
abortop	1	1409	1416	F8.2
localtop	1	1417	1424	F8.2
taxestop	1	1425	1432	F8.2
labortop	1	1433	1440	F8.2
agritop	1	1441	1448	F8.2
transtop	1	1449	1456	F8.2
daughsci	1	1457	1464	F8.2
sonsci	1	1465	1472	F8.2
yousci	1	1473	1480	F8.2
worklone	1	1481	1488	F8.2
workdang	1	1489	1496	F8.2
goodhum	1	1497	1504	F8.2
scinofun	1	1505	1512	F8.2
scisolve	1	1513	1520	F8.2
scirodd	1	1521	1528	F8.2
makebetr	1	1529	1536	F8.2
notrelig	1	1537	1544	F8.2
scinoint	1	1545	1552	F8.2
cabletv	1	1553	1560	F8.2
satelvtv	1	1561	1568	F8.2
satorcab	1	1569	1576	F8.2
intnews	1	1577	1584	F8.2
newspap	1	1585	1592	F8.2
paperday	1	1593	1600	F8.2
zooaquan	1	1601	1608	F8.2
anyzoo	1	1609	1616	F8.2
scimusn	1	1617	1624	F8.2
anysci	1	1625	1632	F8.2
artmusn	1	1633	1640	F8.2
anyart	1	1641	1648	F8.2
natmusn	1	1649	1656	F8.2
anynat	1	1657	1664	F8.2
nlibvis	1	1665	1672	F8.2
listrad	1	1673	1680	F8.2
radnews	1	1681	1688	F8.2

radnewpr	1	1689	1696	F8.2
watchnov	1	1697	1704	F8.2
mentnova	1	1705	1712	F8.2
watcnatg	1	1713	1720	F8.2
mentnatg	1	1721	1728	F8.2
watcdisc	1	1729	1736	F8.2
mentdisc	1	1737	1744	F8.2
watcsifi	1	1745	1752	F8.2
mentsifi	1	1753	1760	F8.2
watcmags	1	1761	1768	F8.2
menttlc	1	1769	1776	F8.2
mentcnn	1	1777	1784	F8.2
mentane	1	1785	1792	F8.2
mentnatr	1	1793	1800	F8.2
mentani	1	1801	1808	F8.2
mentdisn	1	1809	1816	F8.2
watchpub	1	1817	1824	F8.2
mentpub	1	1825	1832	F8.2
scitv	1	1833	1840	F8.2
tvhrs	1	1841	1848	F8.2
tvnewsr	1	1849	1856	F8.2
estnewhr	1	1857	1864	F8.2
newsr3	1	1865	1872	F8.2
frqtvnew	1	1873	1880	F8.2
pmnews	1	1881	1888	F8.2
newsourc	1	1889	1896	F8.2
sciozone	1	1897	1904	F8.2
newsmag	1	1905	1912	F8.2
stannews	1	1913	1920	F8.2
peoplmag	1	1921	1928	F8.2
elderzin	1	1929	1936	F8.2
religmag	1	1937	1944	F8.2
ethzine	1	1945	1952	F8.2
monyzine	1	1953	1960	F8.2
compweb	1	1961	1968	F8.2
fashzine	1	1969	1976	F8.2
enterzin	1	1977	1984	F8.2
malezine	1	1985	1992	F8.2
milizine	1	1993	2000	F8.2
scizine	1	2001	2008	F8.2
tabloid	1	2009	2016	F8.2
farmzine	1	2017	2024	F8.2
craftzin	1	2025	2032	F8.2
outdoors	1	2033	2040	F8.2
sportzin	1	2041	2048	F8.2
homezine	1	2049	2056	F8.2
consumzn	1	2057	2064	F8.2
miduszin	1	2065	2072	F8.2
parentzn	1	2073	2080	F8.2
litzine	1	2081	2088	F8.2
techzine	1	2089	2096	F8.2
cookzine	1	2097	2104	F8.2
travzine	1	2105	2112	F8.2
healzine	1	2113	2120	F8.2

profzine	1	2121	2128	F8.2
otherzin	1	2129	2136	F8.2
sciencez	1	2137	2144	F8.2
labanok	1	2145	2152	F8.2
expform	1	2153	2160	F8.2
pain2dog	1	2161	2168	F8.2
pain2mic	1	2169	2176	F8.2
urban	1	2177	2184	F8.2
hispanic	1	2185	2192	F8.2
race	1	2193	2200	F8.2
black	1	2201	2208	F8.2
white	1	2209	2216	F8.2
region	1	2217	2224	F8.2
wt5	1	2225	2232	F8.4

THE NATIONAL SCIENCE FOUNDATION SURVEYS OF PUBLIC UNDERSTANDING OF SCIENCE AND TECHNOLOGY 1979-2006

Sponsored by the National Science Foundation—Science Resources Statistics

Principal Investigators:

1979-1999 Jon D. Miller, Michigan State University

2001 ORC Macro

2006 NORC, the General Social Survey

SPSS file name = NSF2006.por

ASCII file name = NSF2006.dat

Archive created in SPSS 6.1.3 (readable by all later USA SPSS versions)

1979-2006 Archive of trend variables

In 1979, Dr. Jon D. Miller, a political scientist, began gathering national survey data on the American adult general public's knowledge about and attitudes toward science and technology under the financial sponsorship of the National Science Foundation. Thirty years and 13 more surveys later, it is clear that, whether intended or not, a valuable historical record of how the U.S. public thought and felt about science and technology had been created.

This archive comprises 23,906 unweighted interviews (23,994 weighted *n*) with U.S. adults at least 18 in 12 cross-sectional surveys (1979, 1981, 1983, 1985, 1988, 1990, 1992, 1995, 1997, 1999, 2001 and 2006).¹ Respondents were interviewed in person (1979 and 2006) or by random digit dial (RDD) telephone surveys. Cooperation rates ranged from 51 percent of those actually contacted (2001) to over 70 percent in the earlier surveys and in 2006. Several surveys have been conducted to coordinate in other countries. Survey items monitor science and technology interest and knowledge, and policy attitudes. These data represent the most comprehensive, sustained study of the general public's basic knowledge of science facts and processes. In addition, the series has more educational detail than almost any other national continuing study of adults.

While by no means exhaustive, this archive categorizes over 200 variables used in the series, focusing on the most frequent items. It opens the door for scholars to examine adult civic science literacy and science and technology over an important era in the United States.

Because question location, topic and form often varied over time, the reader should consult the .pdf questionnaires for 1979 through 2001 (the 1997 and 1999 questionnaires were the same) and the 2006 pdf codebook for the General Social Survey. I have given the approximate "typical" question locations in the dictionary below.

List of variables on the working file

All variables are print and write format of 8.2 UNLESS OTHERWISE SPECIFIED.

Missing value codes are typically 7, 8, 9, 99 and 999. They are specified below. However, for conversion ease they do NOT use the SPSS missing values feature.

¹ There were two additional national surveys in 2003 (the Michigan-Maryland joint program in Survey Research) and 2004 (the University of Michigan). Both contained considerable split ballot experimentation and are not included here.

Name		Position
CASENUM	CASE IDENTIFICATION NUMBER	1
	Print Format: F8	
	Write Format: F8	
YEAR	STUDY YEAR	2
YEARSEQ	SURVEY YEAR—YEAR ORDER OF STUDY (useful for ANOVA)	3
	Value Label	
	1 1979	
	2 1981	
	3 1983	
	4 1985	
	5 1988	
	6 1990	
	7 1992	
	8 1995	
	9 1997	
	10 1999	
	11 2001	
	12 2006	

Surveys 1 through 10 were conducted by Dr. Jon D. Miller, now at Northwestern. Survey 11 was conducted by ORC-Macro, New York. Survey 12 was conducted by NORC as part of the General Social Survey.

All demographics were typically gathered at the end of the questionnaire.

Question: "I have to read every question on my screen and now my computer wants me to ask if you are male or female."

GENDER	RESPONDENT GENDER	4
	Value Label	
	1.00 MALE	
	2.00 FEMALE	
FEMALE	DUMMY VARIABLE FOR GENDER	5
	Value Label	
	.00 MALE	
	1.00 FEMALE	

Question: "Now, let me ask you a few brief questions about yourself. First, are you currently married, widowed, divorced, separated, or have you never been married?"

MARRIED	DUMMY VARIABLE MARITAL STATUS=MARRIED	6
	Value Label	
	.00 NO	
	1.00 YES	
GENMAR	GENDER-MARRIAGE COMBINATION (useful for tabular display)	7
	Value Label	
	1.00 FEMALE-MARRIED	
	2.00 MALE-MARRIED	
	3.00 FEMALE-SOLO	
	4.00 MALE-SOLO	

Question: "In what year were you born?" ENTER ALL FOUR DIGITS OF BIRTH YEAR. IF R WONT' GIVE EXACT YEAR ASK FOR DECADE, AND ENTER MIDPOINT. EXAMPLE: 1940s IS ENTERED.

AGE	RESPONDENT AGE IN YEARS	8
	Value Label	
	999 MISSING	

AGE5CAT	RESPONDENT'S AGE 5 CATEGORIES	9
	Value Label	
	1 18 thru 24	
	2 25 thru 34	
	3 35 thru 44	
	4 45 thru 64	
	5 65 and older	
	9 Would not respond	

PRIMTIME	RECODED AGE GROUP--YOUNG-MID ADULT "PRIME TIME"	10
	Value Label	
	.00 Not in that range	
	1.00 Ages 25-44	

Question: "How many adults 18 years of age or older regularly live in your home?"

NADULTS	NUMBER OF ADULTS IN HOUSEHOLD	11
	Value Label	
	1.00 One	
	97.00 Don't know/Won't say	
	99.00 Missing Value	

Question: "Do you have any children? [IF YES:] Do you have any children under age 18 who currently live with you? [IF YES:] How many?"

NUNDER18	NUMBER OF CHILDREN UNDER 18	12
	Value Label	
	.00 None	
	97.00 Won't say	
	98.00 Don't know	
	99.00 Not asked	

Education questions were typically asked at the end of the questionnaire.

Question: "What is the highest level of education you completed?"

REDUC4 is available for all surveys. Questions about vocational education, associate's degree, detailed advanced degrees are available for most, but not all, years. The dummy variables for different post-secondary degree types allow the analyst to combine or recombine educational categories in diverse ways.

REDUC4	RESPONDENT EDUCATION - 4 CATEGORIES	13
	Value Label	
	1.00 LT HS	
	2.00 Hs grad	
	3.00 Bacc	
	4.00 Grad Deg	
	7.00 Won't Say	
	8.00 Don't Know	
	9.00 Missing Other	

DEGLEV4	FOUR DEGREE LEVELS	14
	Value Label	
	1.00 High school or less	
	2.00 Voc Ed or AA	
	3.00 BA	
	4.00 Advanced degree	
EDUCTYPE	TYPE OF EDUCATION	15
	Value Label	
	1.00 LT HS	
	2.00 HS DEGREE	
	3.00 VOC ED	
	4.00 AA DEGREE	
	5.00 BA DEGREE	
	6.00 MA DEGREE	
	7.00 DOCTORATE	
	8.00 PROF/CERT DEGREE	
NODEG	HAS NO POST-SECONDARY DEGREE	16
	Value Label	
	.00 NO	
	1.00 YES	
AADEG	ASSOCIATE OF ARTS HIGHEST DEGREE	17
	Value Label	
	.00 NO	
	1.00 YES	
	9.00 NOT AVAILABLE THAT YEAR	
VOCED	VOCATIONAL ED TRAINING/DEGREE IS HIGHEST DEGREE	18
	Value Label	
	.00 NO	
	1.00 YES	
	9.00 NOT AVAILABLE THAT YEAR	
BADEG	BACCALAUREATE IS HIGHEST DEGREE	19
	Value Label	
	.00 NO	
	1.00 YES	
	9.00 NOT AVAILABLE THAT YEAR	
MADEG	MASTERS IS HIGHEST DEGREE	20
	Value Label	
	.00 NO	
	1.00 YES	
	9.00 NOT AVAILABLE THAT YEAR	
DOCDEG	LAW,MD, OR DOCTORATE HIGHEST DEGREE	21
	Value Label	
	.00 NO	
	1.00 YES	
	9.00 NOT AVAILABLE THAT YEAR	
ADVDEG	MA OR GREATER IS HIGHEST DEGREE	22
	Value Label	
	.00 NO	
	1.00 YES	
	9.00 NOT AVAILABLE THAT YEAR	

PROFDEG PROFESSIONAL DEGREE EG LAW MEDICINE HIGHEST DEGREE 23
Value Label
.00 NO
1.00 YES
9.00 NOT AVAILABLE THAT YEAR

PHDDEG DOCTORATE IS HIGHEST DEGREE 24
Value Label
.00 NO
1.00 YES
9.00 NOT AVAILABLE THAT YEAR

The “fe-degree” terms are useful to include as dummy variable interaction terms in regression.

FEMED DUMMY INTERACTION FEMALE X MD DEGREE 25
Value Label
.00 OTHER
1.00 FEMALE & MD DEGREE
9.00 NOT AVAILABLE THAT YEAR

FELAW DUMINT FEMALE X LAW DEGREE 26
Value Label
.00 OTHER
1.00 FEMALE AND LAW DEGREE
9.00 NOT AVAILABLE THAT YEAR

FEVOCED DUMMY INTERACTION FEMALE X VOCED 27
Value Label
.00 OTHER
1.00 FEMALE VOCATIONAL EDUCATION
9.00 NOT AVAILABLE THAT YEAR

FEAA DUMINT FEMALE x AA DEGREE 28
Value Label
.00 OTHER
1.00 FEMALE WITH AA HIGHEST DEGREE

FEMADEG DUMINT FEMALE X MA DEGREE 29
Value Label
.00 OTHER
1.00 FEMALE & MADEGREE
9.00 NOT AVAILABLE THAT YEAR

FEPHD DUMINT FEMALE x PHD DEGREE 30
Value Label
.00 OTHER
1.00 FEMALE & PHD DEGREE
9.00 NOT AVAILABLE THAT YEAR

FEPROFDG DUMINT FEMALE X PROF DEGREE 31
Value Label
.00 OTHER
1.00 FEMALE WITH PROFESSIONAL DEGREE
9.00 NOT AVAILABLE THAT YEAR

Question: "In what field was the degree?"

Because not all major disciplines were coded all years, what follows are general fields and dummy variables to allow the analyst flexibility in combining fields.

EDMAJOR DETAIL FIELD OF HIGHEST DEGREE 32

Value	Label
1.00	PHYSICAL SCIENCE
2.00	MEDICINE
3.00	BIOLOGY
4.00	TECHNOLOGY
5.00	MATH
6.00	LAW
7.00	SOCIAL SCIENCE
8.00	HUMANITIES/ARTS
9.00	EDUCATION
10.00	ALLIED HEALTH
11.00	COMMUNICATION
12.00	BUSINESS
13.00	NODEG
99.00	DEGREE CANNOT BE CODED

COLMAJ FIELD OF HIGHEST DEGREE 33

Value	Label
.00	DEGREE CAN'T BE CODED
1.00	NO DEGREE
2.00	MATH-ENGINEERING TYPE
3.00	BIOLOGY-PHYSICAL SCI-HEALTH
4.00	SOCIAL SCI-LAW-COMMUNICATION
5.00	ARTS-HUMANITIES
6.00	BUSINESS
7.00	EDUCATION

MODMAJOR MODIFIED COLLEGE MAJOR-LIFE & PHYS SCI SEPARATE 34

Value	Label
1.00	NO DEGREE
2.00	LIFE SCI & HEALTH
3.00	PHYS SCI MATH TECH
4.00	SOCIAL SCI-LAW-COMMU
5.00	ARTS-HUMAN
6.00	BUSINESS
7.00	EDUCATION NEC
9.00	DEGREE CANNOT BE CODED

Question: "Now, let me ask you to think about the courses you took in high school. What was the highest level of math that you completed in high school?"

HIHSMATH	HIGHEST LEVEL MATH IN HS	35
	Value Label	
	.00 No HS math	
	1.00 General math/bus	
	2.00 Pre-algebra	
	3.00 One year algebra	
	4.00 Two years algebra	
	5.00 Geometry (Plane)	
	6.00 Trig/linear prog	
	7.00 Pre-calculus	
	8.00 Calculus	
	9.00 Statistics/proba	
	98.00 Other/Don't know	
	99.00 Not Asked	
	999.00 NOT THIS YEAR	

Question: "Did you take a high school physics course?"

HSPHYSIC	TOOK HS PHYSICS COURSE	36
	Value Label	
	0 NO	
	1 YES	
	8 DK/WON'T SAY	
	9 NOT ASKED	
	99 NOT THIS YEAR	

Question: "Did you take a high school biology course?"

HSBIOLOG	HAD HS BIOLOGY COURSE DUMMY VAR	37
	Value Label	
	.00 NO	
	1.00 YES	
	8.00 DK/WON'T SAY	
	9.00 NOT ASKED	
	99.00 NOT ASKED THAT YEAR	

Question: "Did you take a high school chemistry course?"

HSCHEMIS	HAD HS CHEMISTRY COURSE	38
	Value Label	
	.00 NO	
	1.00 YES	
	8.00 DK/WON'T SAY	
	9.00 NOT ASKED	
	99.00 NOT ASKED THAT YEAR	

The following variables are useful for cross tabulation or regression purposes.

GENEDUC	GENDER-EDUCATION COMBINATIONS	39
	Value Label	
	1.00 MALE LT HS	
	2.00 FEMALE LT HS	
	3.00 MALE HSGRAD	
	4.00 FEMALE HSGRAD	
	5.00 MALE BA	
	6.00 FEMALE BA	
	7.00 MALE GRAD DEG	
	8.00 FEMALE GRAD DEG	

EDGENX	EDUCATION-GENDER INTERACTION RE REGRESSION	40
	Value Label	
	.00 Male	
	1.00 Female-LTHS	
	2.00 Female-HS Grad	
	3.00 Female-BA	
	4.00 Female-Grad Work	
	8.00 Missing Data	

GENDEGX	DEGREE LEVEL-GENDER INTERACTION RE REGRESSION	41
	Value Label	
	.00 Male	
	1.00 Female-HS	
	2.00 Female-2 YR	
	3.00 Female-BA	
	4.00 Female-Grad Work	

Question: "Have you ever taken any college-level science courses? IF YES: How many?"

COLLSCI	NUMBER COURSES COLLEGE SCIENCE	42
	Value Label	
	.00 None	
	10.00 10 or more	
	99.00 NOT ASKED THIS YEAR	

COLLSCI3	COLLEGE SCIENCE 3 CATEGORIES	43
	Value Label	
	.00 None	
	1.00 1-2 Courses	
	2.00 3+ Courses	
	9.00 NOT ASKED THIS YEAR	

The following "maj" variables are college disciplinary concentrations or "majors" (and some combinations thereof) coded as separate dummy variables to allow the researcher to use or recode as they wish. Best used in conjunction with the "NODEG" (no post-secondary) degree variable.

EDUCMAJ	COLLEGE MAJOR EDUCATION NEC	44
	Value Label	
	.00 NO	
	1.00 YES	

BUSMAJ	COLLEGE MAJOR BUSINESS	45
	Value Label	
	.00 NO	
	1.00 YES	

SOCLAW	COLLEGE MAJOR SOCL SCI-LAW-COMMUNIC	46
	Value Label	
	.00 NO	
	1.00 YES	

SOCSCMAJ	COLLEGE MAJOR SOCIAL SCIENCE	47
	Value Label	
	.00 NO	
	1.00 YES	

COMMAJ	COLLEGE MAJOR COMMUNICATIONS-JOURNALISM	48
	Value Label	
	.00 NO	
	1.00 YES	

LAWMAJ	COLLEGE MAJOR LAW		49
	Value	Label	
	.00	NO	
	1.00	YES	
COMSOC	COLLEGE MAJOR SOCIAL SCI OR COMMUNICATION		50
	Value	Label	
	.00	NO	
	1.00	YES	
LIFEHEAL	Major in life or health sciences		51
	Value	Label	
	.00	NO	
	1.00	YES	
PHYSTECH	MATH-ENGINEERING-TECHNOLOGY		52
	Value	Label	
	.00	NO	
	1.00	YES	
LIFEPHYS	COLLEGE MAJOR HEALTH-BIOLOGY-PHYS SCIENCES		53
	Value	Label	
	.00	NO	
	1.00	YES	
BIOPHYS	COLLEGE MAJOR BIOLOGICAL OR PHYSICAL SCIENCE		54
	Value	Label	
	.00	NO	
	1.00	YES	
PHYSCMAJ	COLLEGE MAJOR PHYSICAL SCIENCE		55
	Value	Label	
	.00	NO	
	1.00	YES	
MATHENG	COLLEGE MAJOR MATH OR ENGINEERING TYPE		56
	Value	Label	
	.00	NO	
	1.00	YES	
ENGINMAJ	COLLEGE MAJOR ENGINEER COMP SCI ARCHITECT TECHNOLOGY		57
	Value	Label	
	.00	NO	
	1.00	YES	
BIOMAJ	COLLEGE MAJOR BIOLOGICAL SCIENCE		58
	Value	Label	
	.00	NO	
	1.00	YES	
ALHEALTH	COLLEGE MAJOR ALLIED HEALTH		59
	Value	Label	
	.00	NO	
	1.00	YES	
MEDMAJ	COLLEGE MAJOR MEDICAL SCIENCE		60
	Value	Label	
	.00	NO	
	1.00	YES	

MATHMAJ	COLLEGE MAJOR MATH		61
	Value	Label	
	.00	NO	
	1.00	YES	
ARTSMAJ	COLLEGE MAJOR IN THE ARTS		62
	Value	Label	
	.00	NO	
	1.00	YES	
HUMANMAJ	COLLEGE MAJOR HUMANITIES INCLUDE PHIL		63
	Value	Label	
	.00	NO	
	1.00	YES	
ARTSHUM	COLLEGE MAJOR ARTS OR HUMANITIES		64
	Value	Label	
	.00	NO	
	1.00	YES	

Question: "Last week, were you working full-time, working part-time, going to school, or what?"

INLABOR	R in labor force		65
	Value	Label	
	.00	NO	
	1.00	YES	

Question: "What kind of work do/did you normally do? What is/was your job called?"

Different coding schemes over time were used for detailed occupation. The U.S. Census three-digit 1970 codes were used most but other codes were also used. Therefore (similar to college major) general codes were created for scientific or technical occupations (aggregated or disaggregated; professional or nonprofessional), other professional, managerial, clerical, and blue collar/farm/service. The dummy variables allow the analyst to combine as desired.

SCIENG	SCI-ENG-TECH OCCUPATION DUMMY VARIABLE		66
	Value	Label	
	.00	NO	
	1.00	YES	
	9.00	INAP OR MISSING	
MANAGER	MANAGERIAL OCCUPATION DUMMY VARIABLE		67
	Value	Label	
	.00	NO	
	1.00	YES	
	9.00	INAP OR MISSING	
CLERICAL	CLERICAL OCCUPATION DUMMY VARIABLE		68
	Value	Label	
	.00	NO	
	1.00	YES	
	9.00	INAP OR MISSING	
OTHPROF	OTHER PROFESSIONAL OCCUPATION DUMMY VARIABLE		69
	Value	Label	
	.00	NO	
	1.00	YES	
	9.00	INAP OR MISSING	

SCIJOB	HOLDS SCIENCE TYPE JOB-NOT HEALTH	70
	Value Label	
	.00 NO	
	1.00 YES	
	9.00 INAP MISSING OTHER	
PROFTECH	HOLDS PROFTECH TYPE JOB-NOT HEALTH	71
	Value Label	
	.00 NO	
	1.00 YES	
	9.00 INAP MISSING OTHER	
TECHJOB	HOLD TECH JOB-NOT PROF NOT HEALTH	72
	Value Label	
	.00 NO	
	1.00 YES	
	9.00 INAP MISSING OTHER	
HEALJOB	HEALTH JOB PROFESSIONAL-MD RN LPN DDS VET ETC	73
	Value Label	
	.00 NO	
	1.00 YES	
	9.00 INAP MISSING OTHER	
HEALTECH	MEDICAL TECHNICIAN JOB	74
	Value Label	
	.00 NO	
	1.00 YES	
	9.00 INAP MISSING OTHER	
OCCUP	GENERAL OCCUPATION CATEGORY	75
	Value Label	
	.00 NOT IN LABOR FORCE	
	1.00 SCI-ENGINEER PROFESSIONAL	
	2.00 OTHER PROFESSIONAL	
	3.00 MANAGERIAL	
	4.00 CLERICAL	
	5.00 OTHER OCCUPATION	

Question: "Does/did the organization or firm for which you work conduct or sponsor any scientific or technological research?"

WORKSCI	S & T RESEARCH CONDUCTED BY WORK UNIT	76
	Value Label	
	0 NO	
	1 YES	
	9 Not asked	

Computer questions were usually asked at the end of the questionnaire.

NOTE: By using the HOMEPC item, users can distinguish respondents not asked because they did not own a personal computer from a year in which respondents were not asked any computer questions (1992, before 1983 and some 2006). For simplicity limited missing value codes are used in this file.

Question: "Do you presently have a home computer in your household?"

HOMEPC	HOUSEHOLD OWNERSHIP OF PCS	77
	Value	Label
	.00	NO
	1.00	YES
	7.00	Won't say
	8.00	Don't know
	9.00	NOT ASKED THAT YEAR

Question: "About how many hours do you personally use your home computer in a typical week?"

HMCMPHRS	WEEKLY HRS USE HOME COMPUTER	78
	Value	Label
	999.00	NOT ASKED THAT YEAR

NETWORK is used PLUS (or) "Do you have WEB television in your home? That is, do you have access to the World Wide Web through your television?" PLUS "Do you ever access the World Wide Web through your home computer?" to determine HOMEWEB status.

HOMEWEB	ACCESS WWW THROUGH HOME COMPUTER	79
	Value	Label
	.00	NO
	1.00	YES
	9.00	Not asked

Question: "Do you presently subscribe to any network service like Compuserve, Prodigy, America Online, or any other dial-in service?"

NETWORK	R SUBSCRIBES TO NETWORK SERVICE	80
	Value	Label
	.00	NO
	1.00	YES
	9.00	Not asked

Question: "Do you have an e-mail address that you use with your home computer, separate from your e-mail address at work?" OR "Do you have an e-mail address that you can use with your home computer?"

HOMEMAIL	HAVE EMAIL AT HOME	81
	Value	Label
	.00	NO
	1.00	YES
	9.00	Not asked

"During the last month, about how many hours have you spent on the Web at home?"

HRSHMWEB	HOURS/MONTH AT HOME ON WWW	82
	Value	Label
	999.00	Not Asked

NOTE: By using the INLABOR and WORKCOMP items, users can distinguish those not asked because they were not in the labor force from those who did not have work computer access from a year in which respondents were not asked any questions about computers at all. For the sake of file simplicity limited missing value codes are used but with the use of the INLABOR and WORKCOMP filters more complex missing value codes can be constructed. Similarly access to home or work Internet can be used to construct more complex missing value codes if desired.

Question: "Do you use a computer in your work?"

WORKCOMP	COMPUTER USED AT WORK	83
	Value Label	
	.00 NO	
	1.00 YES	
	7.00 Won't say	
	8.00 Don't know	
	9.00 Not asked	

Question: "About how many hours do you personally use your work computer in a typical week?"

WKCMPHRS	WEEKLY HRS USE COMPUTER AT WORK	84
	Value Label	
	999.00 Not asked	

Question: "Do you have access to the World Wide Web through your work computer?"

WORKWEB	ACCESS TO WWW AT WORK	85
	Value Label	
	.00 NO	
	1.00 YES	
	9.00 Not asked	

Question: "Do you have an e-mail address for use at work?"

WKEMAIL	HAVE E-MAIL ADDRESS AT WORK	86
	Value Label	
	.00 NO	
	1.00 YES	
	9.00 Not asked	

Question: "During the last month, about how many hours have you spent on the Web at work?"

HRSWKWEB	MONTHLY WEB HOURS AT WORK	87
	Value Label	
	999.00 Not asked	

Created from the home email address and work email address questions:

ANYEMAIL	HAVE ANY EMAIL (home or work etc)	88
	Value Label	
	.00 NO	
	1.00 YES	
	9.00 Not asked	

Created from the home hours online and the work hours online questions:

ONLINEHR	ESTIMATED HOURS ONLINE PER YEAR	89
	Value Label	
	.00 None	
	9999.00 Not asked	

Questions: "Have you ever tried to get information about a specific topic or problem on the Internet or the World Wide Web either at work or home, or do you usually just browse to see what you can find? Can you recall the most recent topic or problem that you looked for information about on the Internet or the World Wide Web? Could you describe that topic or problem to me? Have you ever looked for information about a scientific or technological topic or problem on the Internet or the World Wide Web? Could you describe that topic or problem to me?"

First mentioned variable is presented below.

WEBTOPIC	RECENT TOPIC SEARCHED ON WEB	90
Value	Label	
10.00	Health/general	
11.00	Health/medicines	
12.00	Health/nutrition	
13.00	Health/disease	
20.00	General science	
21.00	Space program	
22.00	Computers	
23.00	General energy	
24.00	Nuclear energy	
25.00	Genetic engineer	
26.00	Basic physics	
27.00	Environmental	
28.00	Astronomy	
30.00	News	
40.00	Business	
41.00	Real estate	
42.00	Consumer	
50.00	Sports	
60.00	Travel	
70.00	School projects	
80.00	Cultural/History	
81.00	Craft/Hobbies/Co	
95.00	Other	
96.00	Can't recall	
98.00	Don't know	
99.00	Not asked	

In cases where there is a different referent I have noted those years in the variable label so that the user may decide for him/herself whether to exclude or include those years in analysis. Question: "When you read or hear the term [software] the Internet, do you have a clear understanding of what it means, a general sense of what it means, or little understanding of what it means?"

UNDSOFT	UNDERSTAND COMP SOFTWARE TERM--NET IN 97-99	91
Value	Label	
1.00	Clear understand	
2.00	General sense	
3.00	Little understand	
7.00	Won't say	
8.00	Don't know	
9.00	NOT ASKED THAT YEAR	

Question: "In general, computers and factory automation will create more jobs than they will eliminate. Do you strongly agree, agree, disagree, or strongly disagree?"

MOREJOBS	COMPUTERS & AUTOMATION CREATE MORE JOBS	92
Value	Label	
1.00	Strongly agree	
2.00	Agree	
3.00	Disagree	
4.00	Strongly disagree	
7.00	Won't say	
8.00	Don't know	
9.00	Not Asked that year	

Question: "With the application of science and new technology, work will become more interesting. Do you strongly agree, agree, disagree, or strongly disagree?"

WORKMORE	WORK MORE INTERESTING WITH SCI & TECH	93
Value	Label	
1.00	Strongly agree	
2.00	Agree	
3.00	Disagree	
4.00	Strongly Disagree	
7.00	Won't say	
8.00	Don't know	
9.00	Not Asked that year	

The interest and self-rated informativeness questions are typically among the first questions asked in each NSF survey. I have included the ones with the longest time lines to compare and contrast with science or technology interest. "There are a lot of issues in the news, and it is hard to keep up with every area. I'm going to read you a short list of issues, and for each one--as I read it--I would like you to tell me if you are very interested, moderately interested, or not at all interested."

Question: "Issues about new scientific discoveries. Are you very interested, moderately interested, or not at all interested?"

INTSCI	INTEREST - NEW SCIENTIFIC DISCOVERIES	94
Value	Label	
1.00	Very interested	
2.00	Moderately interested	
3.00	Not at all interested	
7.00	Won't say	
8.00	Don't know	
9.00	Not Asked	

Question: "Issues about the use of new inventions and technologies. Are you very interested, moderately interested, or not at all interested?"

INTTECH	INTEREST - NEW INVENTIONS & TECHNOLOGIES	95
Value	Label	
1.00	Very interested	
2.00	Moderately interested	
3.00	Not at all interested	
7.00	Won't say	
8.00	Don't know	
9.00	Not Asked	

Question: "Local school issues. Are you very interested, moderately interested, or not at all interested?"

INTEDUC	INTEREST-LOCAL SCHOOLS	96
Value	Label	
1.00	Very Interested	
2.00	Moderately Interested	
3.00	Not Interested	
7.00	WON'T SAY	
8.00	DON'T KNOW	
9.00	NOT ASKED THAT YEAR	

Question: "Issues about new medical discoveries. Are you very interested, moderately interested, or not at all interested?"

INTMED	INTEREST - NEW MEDICAL DISCOVERIES	97
	Value Label	
	1 Very Interested	
	2 Moderately Interested	
	3 Not Interested	
	7 WON'T SAY	
	8 DON'T KNOW	
	9 NOT ASKED THAT YEAR	

Question: "Issues about space exploration. Are you very interested, moderately interested, or not at all interested?"

INTSPACE	INTEREST - SPACE EXPLORATION	98
	Value Label	
	1.00 Very Interested	
	2.00 Moderately Interested	
	3.00 Not Interested	
	7.00 WON'T SAY	
	8.00 DON'T KNOW	
	9.00 NOT ASKED THAT YEAR	

Question: "Issues about military and defense policy. Are you very interested, moderately interested, or not at all interested?"

INTDFNS	INTEREST - MILITARY & DEFENSE POLICY	99
	Value Label	
	1.00 Very Interested	
	2.00 Moderately Interested	
	3.00 Not Interested	
	7.00 WON'T SAY	
	8.00 DON'T KNOW	
	9.00 NOT ASKED THAT YEAR	

Question: "Now, I'd like to go through this list with you again, and for each issue I'd like you to tell me if you are very well informed, moderately well informed, or poorly informed.

"Issues about new scientific discoveries. Are you very well informed, moderately well informed, or poorly informed?"

INFSCI	INFORMED - NEW SCIENTIFIC DISCOVERIES	100
	Value Label	
	1.00 Very well informed	
	2.00 Moderately well informed	
	3.00 Poorly informed	
	7.00 Won't say	
	8.00 Don't know	
	9.00 Not Asked	

Question: "Issues about the use of new inventions and technologies. Are you very well informed, moderately well informed, or poorly informed?"

INFTECH	INFORMED - NEW INVENTIONS & TECHNOLOGIES	101
Value	Label	
1.00	Very well informed	
2.00	Moderately well informed	
3.00	Poorly informed	
7.00	Won't say	
8.00	Don't know	
9.00	Not Asked	

Question: "Local school issues. Are you very well informed, moderately well informed, or poorly informed?"

INFEDUC	INFORMED - LOCAL SCHOOLS	102
Value	Label	
1.00	Very Well Informed	
2.00	Moderately Informed	
3.00	Poorly Informed	
7.00	WON'T SAY	
8.00	DON'T KNOW	
9.00	NOT ASKED THAT YEAR	

Question: "Issues about new medical discoveries. Are you very well informed, moderately well informed, or poorly informed?"

INFMED	INFORMED - NEW MEDICAL DISCOVERIES	103
Value	Label	
1.00	Very Well Informed	
2.00	Moderately Informed	
3.00	Poorly Informed	
7.00	WON'T SAY	
8.00	DON'T KNOW	
9.00	NOT ASKED THAT YEAR	

Question: "Issues about space exploration. Are you very well informed, moderately well informed, or poorly informed?"

INFSPACE	INFORMED - SPACE EXPLORATION	104
Value	Label	
1.00	Very Well Informed	
2.00	Moderately Informed	
3.00	Poorly Informed	
7.00	WON'T SAY	
8.00	DON'T KNOW	
9.00	NOT ASKED THAT YEAR	

Question: "Issues about military and defense policy. Are you very well informed, moderately well informed, or poorly informed?"

INFDFNS	INFORMED - MILITARY & DEFENSE POLICY	105
Value	Label	
1.00	Very Well Informed	
2.00	Moderately Informed	
3.00	Poorly Informed	
7.00	WON'T SAY	
8.00	DON'T KNOW	
9.00	NOT ASKED THAT YEAR	

The following questions were typically asked in the late beginning of the survey.

Question: “Now, let me turn to a slightly different type of question. When you read news stories, you see certain sets of words and terms. We are interested in how many people recognize certain kinds of terms, and I would like to ask you a few brief questions in that regard. First, some articles refer to the results of a scientific study. When you read or hear the term scientific study do you have a clear understanding of what it means, a general sense of what it means, or little understanding of what it means?”

UNDS	UNDSCI	UNDERSTANDING OF 'SCIENTIFIC STUDY'	106
	Value	Label	
	1.00	Clear understanding	
	2.00	General sense	
	3.00	No understanding	
	7.00	Won't say	
	8.00	Don't know	
	9.00	Not Asked	

Question: “In your own words, could you tell me what it means to study something scientifically?”

MEANS	MEANS	MEANING SCIENTIFIC STUDY (CODED)	107
	Value	Label	
	1.00	Testing theory/h	
	2.00	Control group/ex	
	3.00	Comparison/rigor	
	4.00	Testing/measur	
	5.00	Study/research/c	
	6.00	Redundant/uncoda	
	8.00	Don't know	
	9.00	Not asked	

Question: “Next, in articles and on television news shows, the term DNA has been used. When you hear the term DNA, do you have a clear understanding of what it means, a general sense of what it means, or little understanding of what it means?”

UNDD	UNDDNA	SELF-RATED UNDERSTANDING OF 'DNA'	108
	Value	Label	
	1.00	Clear understanding	
	2.00	General sense	
	3.00	Little understanding	
	7.00	WILL NOT SAY (REFUSED)	
	8.00	DON'T KNOW	
	9.00	NOT ASKED	

Question: “Please tell me, in your own words, what is DNA?”

MEAND	MEANDNA	MEANING DNA (CODED FROM TEXT--slight syntax changes)	109
	Value	Label	
	1.00	Understands DNA/inheritance	
	2.00	Genes/chromosome/in humans	
	3.00	Living thing	
	4.00	Wrong or vague	
	7.00	WON'T SAY	
	8.00	DON'T KNOW-CAN'T TELL	
	9.00	NOT ASKED	
	99.00	NOT ASKED THAT YEAR	

Question: "If you wanted to find DNA in the human body, where would you expect to find it?"

WHEREDNA	WHERE IS DNA IN THE BODY? (CODED FROM TEXT)	110
Value	Label	
1.00	Cells genes chromosomes	
2.00	Anywhere everywhere	
3.00	Blood and other fluids	
4.00	Other specified location	
5.00	Don't know-incorrect	
9.00	NOT ASKED	

This series of questions, typically in the middle to late middle of the questionnaire, often took the following preamble:

"Now, I would like to ask you a few short quiz-type questions such as you might see on a television game show. For each statement that I read, please tell me if it is true or false. If you don't know or aren't sure, just tell me so and we will skip to the next question. Remember: true, false, or don't know."

Question: "Cigarette smoking causes lung cancer. Is that true or false?"

SMOKHEAL	SMOKING CAUSES LUNG CANCER	111
Value	Label	
1.00	True	
2.00	False	
7.00	Won't say	
8.00	Don't know	
9.00	Not Asked	

Question: "The continents on which we live have been moving their location for millions of years and will continue to move in the future. Is that true or false?"

CONDRIFT	CONTINENTS MOVING & WILL CONTINUE TO DO	112
Value	Label	
1.00	True	
2.00	False	
7.00	Won't say	
8.00	Don't know	
9.00	Not Asked	

Question: "All radioactivity is man-made. Is that true or false?"

RMANMADE	ALL RADIOACTIVITY IS MAN-MADE	113
Value	Label	
1.00	True	
2.00	False	
7.00	Won't say	
8.00	Don't know	
9.00	Not Asked	

Question: "The center of the Earth is very hot. Is that true or false?"

EARTHHOT	THE CENTER OF EARTH IS HOT	114
Value	Label	
1.00	True	
2.00	False	
7.00	Won't say	
8.00	Don't know	
9.00	Not Asked	

Question: "The oxygen we breathe comes from plants. Is that true or false?"

OXYPLANT	OXYGEN COMES FROM PLANTS	115
Value	Label	
1.00	True	
2.00	False	
7.00	Won't say	
8.00	Don't know	
9.00	Not Asked	

Question: "Lasers work by focusing sound waves. Is that true or false?"

LASERS	LASERS FOCUS SOUND WAVES	116
Value	Label	
1.00	True	
2.00	False	
7.00	Won't say	
8.00	Don't know	
9.00	Not Asked	

Question: "Electrons are smaller than atoms. Is that true or false?"

ATOMSIZE	ELECTRONS SMALLER THAN ATOMS	117
Value	Label	
1.00	True	
2.00	False	
7.00	Won't say	
8.00	Don't know	
9.0	Not Asked	

Question: "Antibiotics kill viruses as well as bacteria. Is that true or false?"

ANTIBIOT	ANTIBIOTICS KILL VIRUSES & BACTERIA	118
Value	Label	
1.00	True	
2.00	False	
7.00	Won't say	
8.00	Don't know	
9.00	Not Asked	

Question: "The earliest humans lived at the same time as the dinosaurs. Is that true or false?"

DINOSAUR	HUMANS AND DINOSAURS COEXISTED	119
Value	Label	
1.00	True	
2.00	False	
7.00	Won't say	
8.00	Don't know	
9.00	Not Asked	

Question: "Which travels faster: light or sound?"

LIGHT	LIGHT OR SOUND TRAVELS FASTER	120
Value	Label	
1.00	Light	
2.00	Sound	
3.00	Both the same	
7.00	Won't say	
8.00	Don't know	
9.00	Not Asked	

Question: "Does the Earth go around the Sun, or does the Sun go around the Earth?"

EARTHSUN	EARTH GOES AROUND SUN	121
Value	Label	
1.00	Earth goes around Sun	
2.00	Sun goes around Earth	
7.00	Won't say	
8.00	Don't know	
9.00	Not Asked	

Question: If "1" on EARTHSUN: "How long does it take for the Earth to go around the Sun: one day, one month or one year"

SUNTIME	LENGTH OF EARTH ORBIT AROUND SUN	122
Value	Label	
1.00	One day	
2.00	One month	
3.00	One year	
4.00	Other time period	
7.00	Won't say	
8.00	Don't know/Won't say	
9.00	Not asked-wrong answer earthsun	
99.00	NOT AVAILABLE THAT YEAR	

Question: "It is the father's gene which decides whether the baby is a boy or a girl. Is that true or false?"

DADGENE	FATHER'S GENE DECIDES SEX OF BABY	123
Value	Label	
1	True	
2	False	
7	Won't say	
8	Don't know	
9	NOT ASKED THAT YEAR	

Question: "Now, please think about this situation. Two scientists want to know if a certain drug is effective against high blood pressure. The first scientist wants to give the drug to a 1000 people with high blood pressure and see how many of them experience lower blood pressure levels. The second scientist wants to give the drug to 500 people with high blood pressure, and not give the drug to another 500 people with high blood pressure, and see how many in both groups experience lower blood pressure levels. Which is the better way to test this drug?"

GETDRUG	EXPERIMENTAL METHOD	124
Value	Label	
1.00	ALL 1000 GET DRUG	
2.00	500 GET-500 DON'T	
7.00	WON'T SAY	
8.00	DON'T KNOW	
9.00	NOT ASKED THAT YEAR	

Question: "Why is it better to test the drug this way?"

WHYTEST	WHY BETTER TO TEST THIS WAY?	125
Value	Label	
1.00	OK USE CONTROL GROUP	
2.00	OK VAGUE COMPARISON	
3.00	OK WRONG REASON	
4.00	OK DON'T KNOW	
5.00	NOT OK PLACEBO	
6.00	NOT OK SAMPLE SIZE	
7.00	NOT OK OTHER	
8.00	NOT OK DON'T KNOW	
9.00	NOT CODABLE/NOT ASKED	
99.00	NOT ASKED THAT YEAR	

Question: "Now, think about this situation. A doctor tells a couple that their genetic makeup means that they've got one in four chances of having a child with an inherited illness. Does this mean that if their first three children are healthy, the fourth will have the illness?"

PROBNO4	PROBABILITY - FOURTH WILL HAVE	126
Value	Label	
1	YES	
2	NO	
8	DK/WON'T SAY	
9	NOT ASKED THAT YEAR	

Question: "Does this mean that if their first child has the illness, the next three will not?"

PROBLAST	PROBABILITY - LAST THREE WILL NOT	127
Value	Label	
1	YES	
2	NO	
8	DK/WON'T SAY	
9	NOT ASKED THAT YEAR	

Question: "Does this mean that each of the couple's children will have the same risk of suffering from the illness?"

PROBREQ	PROBABILITY - SAME RISK FOR EACH	128
Value	Label	
1	YES	
2	NO	
8	DK/WON'T SAY	
9	NOT ASKED THAT YEAR	

Question: "Does this mean that if they have only three children, none will have the illness?"

PROBIF3	PROBABILITY - NONE IF ONLY THREE	129
Value	Label	
1	YES	
2	NO	
8	DK/WON'T SAY	
9	NOT ASKED THAT YEAR	

Since only two probability questions were asked in 2006, PROBPER (probability percent) was used to estimate the percent correct out of either two or four probability questions.

PROBPER	PERCENT PROBABILITY ITEMS CORRECT OUT OF 2 OR 4	130
	Value Label	
	.00 NONE	
	100.00 ALL	
	999.00 NOT AVAILABLE THAT YEAR	

Question: "Human beings, as we know them today, developed from earlier species of animals. Is that true or false?"

EVOLVED	HUMANS DEVELOPED FROM EARLIER SPECIES	131
	Value Label	
	1.00 True	
	2.00 False	
	7.00 Won't say	
	8.00 Don't know	
	9.00 Not Asked	

Question: "The universe began with a huge explosion. Is that true or false?"

BIGBANG	UNIVERSE BEGAN WITH EXPLOSION	132
	Value Label	
	1.00 True	
	2.00 False	
	7.00 Won't say	
	8.00 Don't know	
	9.00 Not Asked	

Attitude questions of various forms were typically asked in the middle of each survey. The lead-in for **Likert** items usually went as follows:

"I'm going to read to you some statements such as those you might find in a newspaper or magazine article. For each statement, please tell me if you generally agree or generally disagree. If you feel especially strongly about a statement, please tell me that you strongly agree or strongly disagree."

Question: "Science and technology are making our lives healthier, easier, and more comfortable. Do you strongly agree, agree, disagree, or strongly disagree?"

EASIER	SCI & TECH MAKE LIFE HEALTHIER, EASIER	133
	Value Label	
	1.00 Strongly agree	
	2.00 Agree	
	3.00 Disagree	
	4.00 Strongly disagree	
	7.00 Won't say	
	8.00 Don't know	
	9.00 Not Asked	

Question: "We depend too much on science and not enough on faith. Do you strongly agree, agree, disagree, or strongly disagree?"

ONFAITH	DEPEND TOO MUCH ON SCI-NOT ENUF ON FAITH	134
	Value Label	
	1.00 Strongly agree	
	2.00 Agree	
	3.00 Disagree	
	4.00 Strongly disagree	
	7.00 Won't say	
	8.00 Don't know	
	9.00 Not Asked	

Question: "It is not important for me to know about science in my daily life. Do you strongly agree, agree, disagree, or strongly disagree?"

NOTIMPT	SCIENCE NOT IMPT IN EVERYDAY LIFE	135
Value	Label	
1.00	Strongly agree	
2.00	Agree	
3.00	Disagree	
4.00	Strongly disagree	
7.00	Won't say	
8.00	Don't know	
9.00	Not Asked	

Question: "Science makes our way of life change too fast. Do you strongly agree, agree, disagree, or strongly disagree?"

TOOFAST	SCI MAKES LIFE CHANGE TOO FAST	136
Value	Label	
1.00	Strongly agree	
2.00	Agree	
3.00	Disagree	
4.00	Strongly disagree	
7.00	Won't say	
8.00	Don't know	
9.00	Not Asked	

Question: "Technological discoveries will eventually destroy the earth. Do you strongly agree, agree, disagree, or strongly disagree?"

DESTROY	TECH DISCOVERIES WILL DESTROY THE EARTH	137
Value	Label	
1.00	Strongly agree	
2.00	Agree	
3.00	Disagree	
4.00	Strongly disagree	
7.00	Won't say	
8.00	Don't know	
9.00	Not Asked	

Question: "Because of science and technology, there will be more opportunities for the next generation. Do you strongly agree, agree, disagree, or strongly disagree?"

MOREOPP	S&T MAKE MORE OPPORTUNITY FOR NEXT GENERATION	138
Value	Label	
1.00	Strongly agree	
2.00	Agree	
3.00	Disagree	
4.00	Strongly disagree	
7.00	Won't say	
8.00	Don't know	
9.00	Not Asked	

Question: "New inventions will always be found to counteract any harmful consequences of technological development. Do you strongly agree, agree, disagree, or strongly disagree?"

NUINVENT	NEW INVENTINS ALWAYS FOUND FOR BAD EFFECTS OF TECH	139
	Value Label	
	1.00 Strongly agree	
	2.00 Agree	
	3.00 Disagree	
	4.00 Strongly disagree	
	7.00 Won't say	
	8.00 Don't know	
	9.0 Not Asked	

The following variable is also found under the images of scientists section, however there it appears only with values for 1983 and 2001. I decided to keep this duplicate item (although the years differ) because researchers may wish to work with it as a general item and also perhaps as part of the scientist images section.

Question: "Most scientists want to work on things that will make life better for the average person. Do you strongly agree, agree, disagree, or strongly disagree?"

LIFEBETR	SCIENTISTS WANT TO MAKE LIFE BETTER	140
	Value Label	
	1.00 Strongly agree	
	2.00 Agree	
	3.00 Disagree	
	4.00 Strongly disagree	
	7.00 Won't say	
	8.00 Don't know	
	9.00 Not Asked	

Question: "Some numbers are especially lucky for some people. Do you strongly agree, agree, disagree, or strongly disagree?"

LUCKYNUM	SOME NUMBERS LUCKY FOR SOME PEOPLE	141
	Value Label	
	1.00 Strongly agree	
	2.00 Agree	
	3.00 Disagree	
	4.00 Strongly disagree	
	7.00 Won't say	
	8.00 Don't know	
	9.00 Not Asked	

Question: "Some of the unidentified flying objects that have been reported are really space vehicles from other civilizations."

UFOALIEN	UFOS PROB SPACE SHIPS OTHR CIVILIZATNS (RECODED)	142
	Value Label	
	.00 Other	
	1.00 True	
	9.00 Not Asked	

Question: "Next, let me ask you about the types of studies that scientists ought to be able to conduct. Some people are worried that scientists are studying problems that should be left alone. Other people feel that it is a bad idea to limit the kinds of things that scientists can study. I'm going to read you a short list of studies that have caused some debate. For each study, please tell me whether you think scientists should or should not be allowed to conduct that kind of research. If you don't care one way or the other, just give me that answer....Studies that might discover intelligent beings in space."

PROALIEN	ALLOW STUDY TO DISCOVR INTELLIGENT BEINGS IN SPACE	143
Value	Label	
.00	Allow Study	
1.00	Other	
9.00	Not Asked	

Questions: "Now, a new subject. Do you ever read a horoscope or your personal astrology report? [IF YES:] Do you read an astrology report every day, quite often, just occasionally, or almost never?"

READASTR	HOW OFTEN AN ASTROLOGY REPORT READ	144
Value	Label	
1.00	Every day	
2.00	Quite often	
3.00	Occasionally	
4.00	Almost never	
5.00	Don't read	
7.00	Won't say	
8.00	Don't know	
9.00	Not Asked	

Question: "Would you say that astrology is very scientific, sort of scientific, or not at all scientific?"

ASTROSCI	SCIENTIFIC REGARD FOR ASTROLOGY	145
Value	Label	
1.00	Very scientific	
2.00	Sort of scientific	
3.00	Not at all scientific	
7.00	Won't say	
8.00	Don't know	
9.00	Not Asked	

Question: "Because of their knowledge, scientific researchers have a power that makes them dangerous."

DANGER	SCI RESEARCHERS HAVE DANGEROUS POWER	146
Value	Label	
1.00	Strongly agree	
2.00	Agree	
3.00	Disagree	
4.00	Strongly disagree	
7.00	Won't say	
8.00	Don't know	
9.00	Not Asked	

Questions: “Now for a different type of question. People have frequently noted that scientific research has produced both beneficial and harmful consequences. Would you say that, on balance, the benefits of scientific research have outweighed the harmful results, are about equal, or have the harmful results of scientific research been greater than its benefits? Would you say that the balance has been strongly in favor of beneficial results, or only slightly? Would you say that the balance has been strongly in favor of harmful results, or only slightly?”

RISK BEN	Risk-Benefit Assessment of Science	147
	Value Label	
	.00 Not Asked	
	1.00 B>>R	
	2.00 B>R	
	3.00 R=B	
	4.00 R>B	
	5.00 R>>B	

Question: “Now I want to read you a short list of areas and for each one, please tell me if you think that science and technology have had a positive effect, a negative effect, or neither kind of effect. Our standard of living:”

STANDLIV	HOW SCI & TECH AFFECT STANDARD OF LIVING	148
	Value Label	
	1.00 Positive effect	
	2.00 Neither effect	
	3.00 Negative effect	
	7.00 Won't say	
	8.00 Don't know	
	9.00 Not Asked	

Question: “Even if it brings no immediate benefits, scientific research which advances the frontiers of knowledge is necessary and should be supported by the federal government. Do you strongly agree, agree, disagree, or strongly disagree?”

FEDSUPSC	FED GOVT SUPPORT ALL SCI RSRCH	149
	Value Label	
	1.00 Strongly agree	
	2.00 Agree	
	3.00 Disagree	
	4.00 Strongly disagree	
	7.00 Won't say	
	8.00 Don't know	
	9.00 NOT ASKED THAT YEAR	

SCIBENE3	INDEX Arithmetic average of riskben easier (rev) toofast items	150
	Value Label	
	.00 DATA NOT AVAILABLE (2006)	
	1.00 Very Negative	
	3.00 Relatively Neutral	
	5.00 Very Positive	

The “attentive public” items were constructed by Drs Jon Miller and (his colleague) Linda Kimmel.

APSCIENC	Attentive Public Science	151
	Value Label	
	1.00 Attentive	
	2.00 Interested	
	3.00 Residual	
	9.00 Not Available	

APTECH	ATTENTIVE PUBLIC NEW INVENTIONS & TECHNOLOGIES	152
	Value Label	
	1.00 Attentive	
	2.00 Interested	
	3.00 Residual	
	9.00 NOT ASKED THAT YEAR	
APSCITEC	Attentive Public Science & Technology	153
	Value Label	
	1.00 Attentive	
	2.00 Interested	
	3.00 Residual	
	9.00 Not Available	
APMED	ATTENTIVE PUBLIC MEDICAL DISCOVERIES	154
	Value Label	
	1.00 Attentive	
	2.00 Interested	
	3.00 Residual	
	9.00 NOT ASKED THAT YEAR	
APSPACE	ATTENTIVE PUBLIC SPACE EXPLORATION	155
	Value Label	
	1.00 Attentive	
	2.00 Interested	
	3.00 Residual	
	9.00 NOT ASKED THAT YEAR	
APPOLU	ATTENTIVE PUBLIC ENVIRONMENT POLLUTION	156
	Value Label	
	1.00 Attentive	
	2.00 Interested	
	3.00 Residual	
	9.00 NOT ASKED THAT YEAR	

This series on funding was typically asked during the late middle of the questionnaire.

Question: “We are faced with many problems in this country. I'm going to name some of these problems, and for each one, I'd like you to tell me if you think that the government is spending too little money on it, about the right amount, or too much. First, exploring space. Is the government spending too little, about the right amount, or too much on exploring space?”

FUNDSPAC	GOVT SPENDING ON SPACE EXPLORATION	157
	Value Label	
	1.00 Too Little	
	2.00 About Right	
	3.00 Too Much	
	7.00 WON'T SAY	
	8.00 DON'T KNOW	
	9.00 NOT ASKED THAT YEAR	

Question: “Next, reducing pollution. Is the government spending too little, about the right amount, or too much on reducing pollution?”

FUNDPOLU	GOVT SPENDING ON POLLUTION REDUCTION	158
	Value Label	
	1.00 Too Little	
	2.00 About Right	
	3.00 Too Much	
	7.00 WON'T SAY	
	8.00 DON'T KNOW	
	9.00 NOT ASKED THAT YEAR	

Question: "Improving health care. Is the government spending too little, about the right amount, or too much on improving health care?"

FUNDMED	GOVT SPENDING ON IMPROVING HEALTH CARE	159
	Value Label	
	1.00 Too Little	
	2.00 About Right	
	3.00 Too Much	
	7.00 WON'T SAY	
	8.00 DON'T KNOW	
	9.00 NOT ASKED THAT YEAR	

Question: "Supporting scientific research. Is the government spending too little, about the right amount, or too much on supporting scientific research?"

FUNDSCI	GOVT SPENDING ON SUPPORTING SCI RESEARCH	160
	Value Label	
	1.00 Too Little	
	2.00 About Right	
	3.00 Too Much	
	7.00 WON'T SAY	
	8.00 DON'T KNOW	
	9.00 NOT ASKED THAT YEAR	

Question: "Improving education. Is the government spending too little, about the right amount, or too much on improving education?"

FUNDEDUC	GOVT SPENDING ON IMPROVING EDUCATION	161
	Value Label	
	1.00 Too Little	
	2.00 About Right	
	3.00 Too Much	
	7.00 WON'T SAY	
	8.00 DON'T KNOW	
	9.00 NOT ASKED THAT YEAR	

Question: "Improving national defense. Is the government spending too little, about the right amount, or too much on improving national defense?"

FUNDDFNS	GOVT SPEND ON NATL DEFENSE-85 TO 81 WEAPONS	162
	Value Label	
	1.00 Too Little	
	2.00 About Right	
	3.00 Too Much	
	7.00 WON'T SAY	
	8.00 DON'T KNOW	
	9.00 NOT ASKED THAT YEAR	

Questions on contacting public officials were usually at the end of the questionnaire prior to the demographic items.

Question: “Now, let me change the subject. During the last year, have you written or spoken to any public official or legislator about any political issue or problem?”

CONPOLOF	CONTACT OFFICIALS RE POLITICAL ISSUES	163
	Value Label	
	1.00 YES	
	2.00 NO	
	7.00 WON'T SAY	
	8.00 DON'T KNOW	
	9.00 NOT ASKED THAT YEAR	

Questions about voting were asked from 1979 to 1990 and included voting in presidential elections (1979, 1981, 1985, 1988, 1990), a state or local election (1979, 1981) or “any election” (1983; 2006).

VOTED	VOTED IN ANY RECENT ELECTION	164
	Value Label	
	.00 NO	
	1.00 YES	
	7.00 WON'T SAY	
	8.00 DON'T KNOW	
	9.00 NOT ASKED THAT YEAR	

The following “top” items (short for topic) are a set of dummy variables for the researcher to combine at will. These are the topics that respondents may have communicated their concern about to their elected or public officials. Topics are coded as either present (1) or absent (0).

Questions: “Can you recall an issue that you made a contact about? Can you recall another issue that you made a contact about? Can you recall another issue that you made a contact about?”

SCITOP	SCIENCE TOPIC	165
	Value Label	
	.00 NO CONTACT RECORDED	
	1.00 CONTACTED	
	9.00 NOT ASKED THAT YEAR	

ENRGTOP	ENERGY TOPIC	166
	Value Label	
	.00 NO CONTACT RECORDED	
	1.00 CONTACTED	
	9.00 NOT ASKED THAT YEAR	

DFNSTOP	DEFENSE TOPIC	167
	Value Label	
	.00 NO CONTACT RECORDED	
	1.00 CONTACTED	
	9.00 NOT ASKED THAT YEAR	

MEDTOP	MEDICAL TOPIC	168
	Value Label	
	.00 NO CONTACT RECORDED	
	1.00 CONTACTED	
	9.00 NOT ASKED THAT YEAR	

EDUCTOP	EDUCATION TOPIC	169
	Value Label	
	.00 NO CONTACT RECORDED	
	1.00 CONTACTED	
	9.00 NOT ASKED THAT YEAR	
CRIMETOP	CRIME TOPIC	170
	Value Label	
	.00 NO CONTACT RECORDED	
	1.00 CONTACTED	
	9.00 NOT ASKED THAT YEAR	
POLTOPNC	POLITICAL TOPIC NOT ELSEWHERE CLASSIFIED	171
	Value Label	
	.00 NO CONTACT RECORDED	
	1.00 CONTACTED	
	9.00 NOT ASKED THAT YEAR	
ENVIRTOP	ENVIRONMENTAL TOPIC	172
	Value Label	
	.00 NO CONTACT RECORDED	
	1.00 CONTACTED	
	9.00 NOT ASKED THAT YEAR	
FORPOL	FOREIGN POLICY TOPIC	173
	Value Label	
	.00 NO CONTACT RECORDED	
	1.00 CONTACTED	
	9.00 NOT ASKED THAT YEAR	
ECONTOP	GENERAL ECONOMIC-NO TAXES	174
	Value Label	
	.00 NO CONTACT RECORDED	
	1.00 CONTACTED	
	9.00 NOT ASKED THAT YEAR	
CIVRITOP	CIVIL RIGHTS TOPIC	175
	Value Label	
	.00 NO CONTACT RECORDED	
	1.00 CONTACTED	
	9.00 NOT ASKED THAT YEAR	
SENIORTP	SENIOR CITIZEN ISSUES	176
	Value Label	
	.00 NO CONTACT RECORDED	
	1.00 CONTACTED	
	9.00 NOT ASKED THAT YEAR	
ABORTOP	ABORTION TOPIC	177
	Value Label	
	.00 NO CONTACT RECORDED	
	1.00 CONTACTED	
	9.00 NOT ASKED THAT YEAR	
LOCALTOP	LOCAL TOPIC ISSUES	178
	Value Label	
	.00 NO CONTACT RECORDED	
	1.00 CONTACTED	
	9.00 NOT ASKED THAT YEAR	

TAXESTOP	TAXES		179
	Value	Label	
	.00	NO CONTACT RECORDED	
	1.00	CONTACTED	
	9.00	NOT ASKED THAT YEAR	
LABORTOP	UNEMPLOYMNT LABOR WELFARE ISSUES		180
	Value	Label	
	.00	NO CONTACT RECORDED	
	1.00	CONTACTED	
	9.00	NOT ASKED THAT YEAR	
AGRITOP	AGRICULTURAL TOPICS		181
	Value	Label	
	.00	NO CONTACT RECORDED	
	1.00	CONTACTED	
	9.00	NOT ASKED THAT YEAR	
TRANSTOP	TRANSPORTATION TOPICS		182
	Value	Label	
	.00	NO CONTACT RECORDED	
	1.00	CONTACTED	
	9.00	NOT ASKED THAT YEAR	

Variables DAUGHSCI through SCINOINT were from questions asked only in 1983 and 2001 about images of scientists. I have included these two years for MAKEBETR in context (which is a repeated variable from LIFEETR).

Question: “Now I’d like you to consider the following situations. If you had a daughter, how would you feel if she wanted to be a scientist—would you feel happy, unhappy, or would you not care one way or the other?”

DAUGHSCI	HOW FEEL IF DAUGHTER WANTED TO BE SCIENTIST		183
	Value	Label	
	1.00	Happy	
	2.00	Not care	
	3.00	Unhappy	
	7.00	WILL NOT SAY (REFUSED)	
	8.00	DON'T KNOW	
	9.00	NOT ASKED THAT YEAR	

Question: “If you had a son, how would you feel if he wanted to be a scientist—would you feel happy, unhappy, or would you not care one way or the other?”

SONSCI	HOW FEEL IF SON WANTED TO BE SCIENTIST		184
	Value	Label	
	1.00	Happy	
	2.00	Not care	
	3.00	Unhappy	
	7.00	WILL NOT SAY (REFUSED)	
	8.00	DON'T KNOW	
	9.00	NOT ASKED THAT YEAR	

Question: “Have you ever considered working in a science-related career?”

YOUSCI	EVER CONSIDERED BEING SCIENTIST?	185
	Value Label	
	1.00 Yes	
	2.00 No	
	7.00 WILL NOT SAY (REFUSED)	
	8.00 DON'T KNOW	
	9.00 NOT ASKED THAT YEAR	

Question: “Now I’d like to read you some statements about scientists. Please tell me if you agree or disagree with each one. If you feel especially strongly about a statement, please say that you strongly agree or strongly disagree. Okay?”

“A scientist usually works alone. Do you strongly agree, agree, disagree, or strongly disagree?”

WORKLONE	SCIENTISTS WORK ALONE	186
	Value Label	
	1.00 Strongly agree	
	2.00 Agree	
	3.00 Disagree	
	4.00 Strongly Disagree	
	7.00 WILL NOT SAY (REFUSED)	
	8.00 DON'T KNOW	
	9.00 NOT ASKED THAT YEAR	

Question: “Scientific work is dangerous. Do you strongly agree, agree, disagree, or strongly disagree?”

WORKDANG	SCIENTIFIC WORK IS DANGEROUS	187
	Value Label	
	1.00 Strongly agree	
	2.00 Agree	
	3.00 Disagree	
	4.00 Strongly Disagree	
	7.00 WILL NOT SAY (REFUSED)	
	8.00 DON'T KNOW	
	9.00 NOT ASKED THAT YEAR	

Question: “Scientific researchers are dedicated people who work for the good of humanity. Do you strongly agree, agree, disagree, or strongly disagree?”

GOODHUM	SCIENTISTS WORK FOR GOOD OF HUMANITY	188
	Value Label	
	1.00 Strongly agree	
	2.00 Agree	
	3.00 Disagree	
	4.00 Strongly Disagree	
	7.00 WILL NOT SAY (REFUSED)	
	8.00 DON'T KNOW	
	9.00 NOT ASKED THAT YEAR	

Question: “Scientists don’t get as much fun out of life as other people do. Do you strongly agree, agree, disagree, or strongly disagree?”

SCINOFUN	SCIENTISTS DON'T GET MUCH FUN OUT OF LIFE	189
Value	Label	
1.00	Strongly agree	
2.00	Agree	
3.00	Disagree	
4.00	Strongly Disagree	
7.00	WILL NOT SAY (REFUSED)	
8.00	DON'T KNOW	
9.00	NOT ASKED THAT YEAR	

Question: "Scientists are helping to solve challenging problems. Do you strongly agree, agree, disagree, or strongly disagree?"

SCISOLVE	SCIENTISTS SOLVE CHALLENGING PROBLEMS	190
Value	Label	
1.00	Strongly agree	
2.00	Agree	
3.00	Disagree	
4.00	Strongly Disagree	
7.00	WILL NOT SAY (REFUSED)	
8.00	DON'T KNOW	
9.00	NOT ASKED THAT YEAR	

Question: "Scientists are apt to be odd and peculiar people. Do you strongly agree, agree, disagree, or strongly disagree?"

SCIRODD	SCIENTISTS ODD & PECULIAR PEOPLE	191
Value	Label	
1.00	Strongly agree	
2.00	Agree	
3.00	Disagree	
4.00	Strongly Disagree	
7.00	WILL NOT SAY (REFUSED)	
8.00	DON'T KNOW	
9.00	NOT ASKED THAT YEAR	

Question: "Most scientists want to work on things that will make life better for the average person. Do you strongly agree, agree, disagree, or strongly disagree?"

MAKEBETR	SCI WANTS TO MAKE LIFE BETTER	192
Value	Label	
1.00	Strongly agree	
2.00	Agree	
3.00	Disagree	
4.00	Strongly Disagree	
7.00	WILL NOT SAY (REFUSED)	
8.00	DON'T KNOW	
9.00	NOT ASKED THAT YEAR	

Question: "Scientists are not likely to be very religious people. Do you strongly agree, agree, disagree, or strongly disagree?"

NOTRELIG	SCIENTISTS NOT RELIGIOUS	193
	Value Label	
	1.00 Strongly agree	
	2.00 Agree	
	3.00 Disagree	
	4.00 Strongly Disagree	
	7.00 WILL NOT SAY (REFUSED)	
	8.00 DON'T KNOW	
	9.00 NOT ASKED THAT YEAR	

Question: "Scientists have few other interests but their work. Do you strongly agree, agree, disagree, or strongly disagree?"

SCINOINT	SCIENTISTS FEW OTHER INTERESTS	194
	Value Label	
	1.00 Strongly agree	
	2.00 Agree	
	3.00 Disagree	
	4.00 Strongly Disagree	
	7.00 WILL NOT SAY (REFUSED)	
	8.00 DON'T KNOW	
	9.0 NOT ASKED THAT YEAR	

Questions about media and use of cultural facilities, e.g., museums and libraries were typically asked at either the beginning or middle of the survey. These are not available for 2006.

Question: "Do you have cable or satellite television service in your home?"

CABLETV	HAVE ACCESS CABLE TV	195
	Value Label	
	.00 NO	
	1.00 YES	
	9.00 NOT ASKED	

SATELTV	HAVE SATELLITE TV	196
	Value Label	
	.00 NO	
	1.00 YES	
	9.00 NOT ASKED	

SATORCAB	HAVE SATELLITE OR CABLE TV OR BOTH	197
	Value Label	
	.00 NO	
	1.00 YES	
	9.00 NOT ASKED	

This was very often the first substantive question in the survey: "Let me start by asking how interested you are in current news events. Would you say that you are very interested, moderately interested, or not at all interested in current news events?"

INTNEWS	HOW INTERESTED IN CURRENT NEWS EVENTS	198
	Value Label	
	1.00 Very interested	
	2.00 Moderately interested	
	3.00 Not at all interested	
	7.00 WILL NOT SAY (REFUSED)	
	8.00 DON'T KNOW	
	9.00 NOT ASKED	

Question: "Now let me change the topic slightly and ask you how you get information. First, how often do you read a newspaper: every day, a few times a week, once a week, or less than once a week?"

NEWSPAP HOW OFTEN DO YOU READ A NEWSPAPER? 199

Value	Label
1.00	EVERYDAY
2.00	FEW TIMES A WEEK
3.00	ONCE A WEEK
4.00	UNDER 1ce A WEEK
5.00	NEVER
8.00	DK/WON'T SAY
99.00	NOT ASKED THAT YEAR

PAPERDAY NUMBER OF NEWSPAPERS READ PER YEAR 200

Value	Label
12.00	Rarely or never
100.00	Sometimes
360.00	Every day
998.00	Missing
999.0	Different format '81

Questions: "Now, let me ask you about your use of museums, zoos, and similar institutions. I am going to read you a short list of places and ask you to tell me how many times you visited each type of place during the last year, that is, the last 12 months. If you did not visit any given place, just say none. First, an art museum. How many times did you visit it during the last year?"

"Next, a natural history museum. How many times did you visit it during the last year?"

"A zoo or aquarium. How many times did you visit it during the last year?"

"A science or technology museum. How many times did you visit it during the last year?"

"A public library. How many times did you visit it during the last year?"

ZOOAQUAN NUMBER OF VISITS IN PAST YEAR TO ZOO OR AQUARIUM 201

Value	Label
40.00	40 OR MORE
997.00	DON'T KNOW-REFUSED
998.00	NOT ASKED
999.00	Other format 79-81

ANYZOO VISIT ANY ZOO OR AQUARIUM LAST YEAR? 202

Value	Label
.00	NO
1.00	YES
9.00	NOT ASKED

SCIMUSN NUMBER VISITS IN PAST YEAR TO SCI-TECH MUSEUM 203

Value	Label
40.00	40 OR MORE
997.00	DON'T KNOW-REFUSED
998.00	NOT ASKED
999.00	Other format 79-81

ANYSKI	VISIT ANY SCIENCE OR TECHNOLOGY MUSEUM LAST YEAR?	204
	Value Label	
	.00 NO	
	1.00 YES	
	9.00 NOT ASKED	
ARTMUSN	NUMBER VISITS IN PAST YEAR TO ART MUSEUM	205
	Value Label	
	40.00 40 OR MORE	
	997.00 DON'T KNOW-REFUSED	
	998.00 NOT ASKED	
	999.00 Other format 79-81	
ANYART	VISIT ANY ART MUSEUM LAST YEAR?	206
	Value Label	
	.00 NO	
	1.00 YES	
	9.00 NOT ASKED	
NATMUSN	NUMBER OF VISITS NATURAL HISTORY MUSEUM	207
	Value Label	
	40.00 40 OR MORE	
	997.00 DON'T KNOW-REFUSED	
	998.00 NOT ASKED	
	999.00 Other format 79-81	
ANYNAT	VISIT ANY NATURAL HISTORY MUSEUM LAST YEAR?	208
	Value Label	
	.00 NO	
	1.00 YES	
	9.00 NOT ASKED	
NLIBVIS	NUMBER OF LIBRARY VISITS IN LAST YEAR	209
	Value Label	
	40.00 40 OR MORE	
	997.00 DON'T KNOW-REFUSED	
	998.00 NOT ASKED	
	999.0 Other format 79-81	
Question: "On an average day, about how many hours would you say that you listen to a radio?"		
LISTRAD	WEEKLY HOURS LISTEN RADIO	210
	Value Label	
	997.00 DON'T KNOW-REFUSED	
	998.00 NOT ASKED	
	999.00 NOT ASKED THAT YEAR	
Question: "About how many of those hours are news reports or news shows?"		
RADNEWS	ESTIMATED WEEKLY HOURS LISTEN RADIO NEWS	211
	Value Label	
	997.00 DON'T KNOW-REFUSED	
	998.00 NOT ASKED	
	999.00 NOT ASKED THAT YEAR	
RADNEWPR was constructed from LISTRAD (denominator) and RADNEWS (numerator).		
RADNEWPR	PERCENT OF RADIO HOURS LISTENING TO NEWS	212
	Value Label	
	.00 NONE OR DOESN'T LISTEN RADIO	
	100.00 ALL THE TIME	
	999.0 CAN'T CALCULATE	

Question: [MENTION-RECALL] “Do you watch any television shows that focus primarily on science or nature? [IF YES:] Which science or nature show do you watch most often?”

Question: [ASKED-RECOGNITION] “Now, I’d like to read you a short list of television shows and ask you to tell me whether you watch each show regularly, that is, most of the time, occasionally, or not at all.”

Because some years respondents were given the name of a program (e.g., NOVA) and asked whether and how much they watched it, and other years respondents were asked which programs (or science programs) they watched most often, I created two variable “streams”. Recognition, as in explicitly asking “how often do you watch NOVA” is an easier memory task than recall (“which science television program do you watch most often”). Positive answers will be consistently greater under recognition than under recall conditions. Occasionally, respondents were asked both recall and recognition questions in a single year. Analysts are urged to cross-tabulate television program questions by year to ascertain which form was asked when before engaging in analysis.

WATCHNOV	R watches NOVA (asked & recognition)	213
	Value Label	
	.00 NO & OTHER	
	1.00 YES	
	9.00 CANNOT BE ASCERTAINED	
MENTNOVA	R MENTION NOVA? (Recall)	214
	Value Label	
	.00 NO & OTHER	
	1.00 YES	
	9.00 CANNOT BE ASCERTAINED	
WATCNATG	R watches Nat'l Geographic (asked)	215
	Value Label	
	.00 NO & OTHER	
	1.00 YES	
	9.00 CANNOT BE ASCERTAINED	
MENTNATG	R MENTION Nat'l Geographic? (Recall)	216
	Value Label	
	.00 NO & OTHER	
	1.00 YES	
	9.00 CANNOT BE ASCERTAINED	
WATCDISC	R watches Discovery (asked recognit)	217
	Value Label	
	.00 NO & OTHER	
	1.00 YES	
	9.00 CANNOT BE ASCERTAINED	
MENTDISC	R MENTION Discovery? (Recall)	218
	Value Label	
	.00 NO & OTHER	
	1.00 YES	
	9.00 CANNOT BE ASCERTAINED	
WATCSIFI	R watches Science Fiction (asked)	219
	Value Label	
	.00 NO & OTHER	
	1.00 YES	
	9.00 CANNOT BE ASCERTAINED	

MENTSIFI	R MENTION science Fiction? (Recall)	220
	Value Label	
	.00 NO & OTHER	
	1.00 YES	
	9.00 CANNOT BE ASCERTAINED	
WATCMAGS	R watches news magazines (asked)	221
	Value Label	
	.00 NO & OTHER	
	1.00 YES	
	9.00 CANNOT BE ASCERTAINED	
MENTTLC	R MENTION Learning Channel? (Recall)	222
	Value Label	
	.00 NO & OTHER	
	1.00 YES	
	9.00 CANNOT BE ASCERTAINED	
MENTCNN	R MENTION CNN? (Recall)	223
	Value Label	
	.00 NO & OTHER	
	1.00 YES	
	9.00 CANNOT BE ASCERTAINED	
MENTANE	R MENTION Arts&Entertain? (Recall)	224
	Value Label	
	.00 NO & OTHER	
	1.00 YES	
	9.00 CANNOT BE ASCERTAINED	
MENTNATR	R MENTION Nature channels? (Recall)	225
	Value Label	
	.00 NO & OTHER	
	1.00 YES	
	9.00 CANNOT BE ASCERTAINED	
MENTANI	R MENTION animal channels? (Recall)	226
	Value Label	
	.00 NO & OTHER	
	1.00 YES	
	9.00 CANNOT BE ASCERTAINED	
MENTDISN	R MENTION Disney channel? (Recall)	227
	Value Label	
	.00 NO & OTHER	
	1.00 YES	
	9.00 CANNOT BE ASCERTAINED	
WATCHPUB	R watches other public TV (asked)	228
	Value Label	
	.00 NO & OTHER	
	1.00 YES	
	9.00 CANNOT BE ASCERTAINED	
MENTPUB	R MENTION other Public TV? (Recall)	229
	Value Label	
	.00 NO & OTHER	
	1.00 YES	
	9.00 CANNOT BE ASCERTAINED	

SCITV	WATCH SCIENCE TV PROGRAM	230
	Value Label	
	.00 NO	
	1.00 YES	
	9.00 NOT ASKED	
	99.00 NOT ASKED THAT YEAR	

Question: "Altogether, on an average day, about how many hours would you say that you watch television?"

TVHRS	HRS TV IN 'AVERAGE' DAY	231
	Value Label	
	16.00 16 OR MORE	
	98.00 DK-WON'T SAY	
	99.0 NOT ASKED THAT YEAR	

Question: "About how many of those hours are news reports or news shows?"

Whether and how much the respondent watched television news was asked several ways. Thus, several variables as originally coded and an amalgamated estimate of daily television news hours are provided below.

TVNEWSHR	CONDENSED DAILY HOURS TV NEWS	232
	Value Label	
	.00 NONE	
	1.00 LT 1 HR DAILY	
	2.00 1-2 DAILY HOURS	
	3.00 2+ DAILY HOURS	
	99.00 NOT ASKED THAT YEAR	

The following amalgamates actual TV news viewing hours when available and combined estimates of whether the respondent watches morning news, early evening news, or late night news "regularly, occasionally or not at all." Those watching all newscasts regularly were coded as two hours plus daily, those not at all as none. Counting early evening news as one hour and the other two as approximately one-half hour each, different combinations were coded as less than one hour daily or as 1-2 hours daily. NEWSHR3 is probably the slightly more accurate amalgam.

ESTNEWHR	ESTIMATED condensed daily TV news hours	233
	Value Label	
	.00 NONE	
	1.00 UNDER 1 DAILY	
	2.00 1-2 DAILY	
	3.00 2+ DAILY	
	99.00 NOT ASKED THAT YEAR	

NEWSHR3	EST DAILY NEWS HOURS-3 CATEGORIES	234
	Value Label	
	.00 VIRTUALLY NONE	
	1.00 UNDER 1 HOUR	
	2.00 1 HOUR PLUS	
	99.00 NOT ASKED THIS YEAR	

FRQTVNEW	(ORDINAL) Relative Freq watch TV news	235
	Value Label	
	1.00 NOT AT ALL	
	2.00 OCCASIONALLY	
	3.00 REGULARLY	
	99.00 NOT ASKED THAT YEAR	

PMNEWS	FREQUENCY WATCH EVENING TV NEWS	236
Value	Label	
1.00	NOT AT ALL	
2.00	OCCASIONALLY	
3.00	REGULARLY	
99.00	NOT ASKED THAT YEAR	

Respondents were asked their sources of news information in 1979, 1981, 1985, 1988, 2001 and 2006.

Question: "We are interested in how people get information about events in the news. Thinking about the kind of issues we have been talking about, where do you get most of your information about current news events?" (RESPONSES ARE VERBATIM)

NEWSOURC	SOURCE OF NEWS INFORMATION	237
Value	Label	
1.00	RADIO	
2.00	TV	
3.00	NEWSPAPER	
4.00	MAGAZINES	
5.00	BOOKS	
6.00	OTHER PEOPLE	
7.00	INTERNET	
97.00	OTHER	
98.00	DK-WON'T SAY-OTHER	
99.00	NOT ASKED THAT YEAR	

Respondents were asked how they garnered news about a science issue in 2001 and how they learned about the ozone hole in 1990, 1992 and 1995.

Question: "We are also interested in how people get information about science and technology. Thinking about the kind of issues we have been talking about, where do you get most of your information about science and technology?" (RESPONSES ARE VERBATIM)

SCIOZONE	HOW GET INFO ABOUT SCIENCE ISSUE/OZONE HOLE 90-95	238
Value	Label	
1.00	NEWSPAPER	
2.00	MAGAZINE	
3.00	INTERNET-COMPUTER	
4.00	BOOKS PRINTED	
5.00	TV	
6.00	RADIO	
7.00	GOVERNMENT	
8.00	OTHER PEOPLE	
97.00	DON'T KNOW ABOUT HOLE-ISSUE	
98.00	DK-WON'T SAY-OTHER	
99.00	Q NOT ASKED THAT YEAR	

Question: "Are there any magazines that you read regularly, that is, most of the time? What magazine would that be?"

Question: "Do you ever read any science magazines? What magazine would that be?"

The total number of magazine items varies from five to 13 depending on study year. The number of science magazine questions varies from two to five across year. Only questions about magazines read regularly (not occasionally) are used. The larger the number of items, the more respondents cite a particular magazine. Since news magazines are very popular, a total citation versus using only the first three cites are created to standardize for the number of items asked. The effects were not nearly as great on the other types of magazines.

Like several other sections of the archive, magazines are coded as dummy variables to allow the analyst to combine categories or use them separately as s/he wishes.

NEWSMAG	READS NEWS MAGAZINE-TIME NEWSWEEK USNEWS ETC NATL PAPER	239
	Value Label	
	.00 NO	
	1.00 YES	
	9.00 CODE NOT AVAILABLE THAT YEAR	
STANNEWS	READS NEWS MAGAZINE-1ST THREE QUESTIONS ONLY	240
	Value Label	
	.00 NO	
	1.00 YES	
	9.00 CODE NOT AVAILABLE THAT YEAR	
PEOPLMAG	READS PEOPLE US OTHER CELEBRITY TRUE STORIES SOAP OPERA ZINE	241
	Value Label	
	.00 NO	
	1.00 YES	
	9.00 CODE NOT AVAILABLE THAT YEAR	
ELDERZIN	READS AARP MODMAT SENIOR CITIZEN	242
	Value Label	
	.00 NO	
	1.00 YES	
	9.00 CODE NOT AVAILABLE THAT YEAR	
RELIGMAG	GUIDEPOSTS EVANGEL DENOMINATIONAL ALSO NEWAGE	243
	Value Label	
	.00 NO	
	1.00 YES	
	9.00 CODE NOT AVAILABLE THAT YEAR	
ETHZINE	READS EBONY JET ESSENCE LATINA OTHER ETHNIC	244
	Value Label	
	.00 NO	
	1.00 YES	
	9.00 CODE NOT AVAILABLE THAT YEAR	
MONYZINE	READS MONEY FORTUNE BARONS BUSWEEK FORBES OTHER BUS WSJ	245
	Value Label	
	.00 NO	
	1.00 YES	
	9.00 CODE NOT AVAILABLE THAT YEAR	
COMPWEB	READS COMPUTER ZINES INFOWORLD BYTE WEBZINES	246
	Value Label	
	.00 NO	
	1.00 YES	
	9.00 CODE NOT AVAILABLE THAT YEAR	

FASHZINE	READS	GLAM MADEM VOGUE COSMO INSTYLE ALLURE	247
	Value	Label	
	.00	NO	
	1.00	YES	
	9.00	CODE NOT AVAILABLE THAT YEAR	
ENTERZIN	READS	ENTERTAIN GUIDES TVGUIDE ROLLING STONE	248
	Value	Label	
	.00	NO	
	1.00	YES	
	9.00	CODE NOT AVAILABLE THAT YEAR	
MALEZINE	READS	PLAYBOY GQ ESQUIRE PENTHOUSE OUI MAXIM	249
	Value	Label	
	.00	NO	
	1.00	YES	
	9.00	CODE NOT AVAILABLE THAT YEAR	
MILIZINE	MILITARY	VETERANS AMERICAN LEGION MAGAZINES	250
	Value	Label	
	.00	NO	
	1.00	YES	
	9.00	CODE NOT AVAILABLE THAT YEAR	
SCIZINE	SCIAM SCIDIG OMNI NATGEO SCI POPSCI DISCOVER ODESS AIRSPAC		251
	Value	Label	
	.00	NO	
	1.00	YES	
	9.00	CODE NOT AVAILABLE THAT YEAR	
TABLOID	READS	GLOBE NATINQUIRE STAR ETC	252
	Value	Label	
	.00	NO	
	1.00	YES	
	9.00	CODE NOT AVAILABLE THAT YEAR	
FARMZINE	READS	FARM RELATED AGRICULTURAL MAGAZINES	253
	Value	Label	
	.00	NO	
	1.00	YES	
	9.00	CODE NOT AVAILABLE THAT YEAR	
CRAFTZIN	HOBBIES	CRAFTS DOGS CATS	254
	Value	Label	
	.00	NO	
	1.00	YES	
	9.00	CODE NOT AVAILABLE THAT YEAR	
OUTDOORS	READ	FIELD&STREAM OUTDOORLIFE HUNTING FISHING	255
	Value	Label	
	.00	NO	
	1.00	YES	
	9.00	CODE NOT AVAILABLE THAT YEAR	
SPORTZIN	READS	SPORTILL GOLF SKI HORSES OTH SPORT	256
	Value	Label	
	.00	NO	
	1.00	YES	
	9.00	CODE NOT AVAILABLE THAT YEAR	

HOMEZINE	READ	HOMEMAKING FAM O LHJ WOMDAY GOODHOUSE MCCALLS RDBOOK DE	257
	Value	Label	
	.00	NO	
	1.00	YES	
	9.00	CODE NOT AVAILABLE THAT YEAR	
CONSUMZN	READS	CONSUMER REPORTS OTHER CONSUMER	258
	Value	Label	
	.00	NO	
	1.00	YES	
	9.00	CODE NOT AVAILABLE THAT YEAR	
MIDUSZIN	SAT EVE	POST LIFE READERSDIG	259
	Value	Label	
	.00	NO	
	1.00	YES	
	9.00	CODE NOT AVAILABLE THAT YEAR	
PARENTZN	PARENTS	CHILDREN'S MAGS OTHER PARENTING	260
	Value	Label	
	.00	NO	
	1.00	YES	
	9.00	CODE NOT AVAILABLE THAT YEAR	
LITZINE	READS	MSMITHSONIAN NYRKR HARPERS ATLANTIC OTH LIT	261
	Value	Label	
	.00	NO	
	1.00	YES	
	9.00	CODE NOT AVAILABLE THAT YEAR	
TECHZINE	READS	TECH ELECTRON ENGIN CAR MOTORBIKE POPMECH	262
	Value	Label	
	.00	NO	
	1.00	YES	
	9.00	CODE NOT AVAILABLE THAT YEAR	
COOKZINE	READS	COOKING NUTRITION MAGAZINES	263
	Value	Label	
	.00	NO	
	1.00	YES	
	9.00	CODE NOT AVAILABLE THAT YEAR	
TRAVZINE	READS	TRAVEL REGIONAL LOCAL MAGAZINES	264
	Value	Label	
	.00	NO	
	1.00	YES	
	9.00	CODE NOT AVAILABLE THAT YEAR	
HEALZINE	READS	HEALTH PREVENTION LONGEVITY FITNESS NUTRITION	265
	Value	Label	
	.00	NO	
	1.00	YES	
	9.00	CODE NOT AVAILABLE THAT YEAR	
PROFZINE	PROFESSIONAL SCI MED TECH RELATED JAMA ETC		266
	Value	Label	
	.00	NO	
	1.00	YES	
	9.00	CODE NOT AVAILABLE THAT YEAR	

OTHERZIN	READS NON SCI RELATED PROF JOURNAL	267
Value	Label	
.00	NO	
1.00	YES	
9.00	CODE NOT AVAILABLE THAT YEAR	

SCIENCEZ	READS SCIENCE MAGAZINE AAAS	268
Value	Label	
.00	NO	
1.00	YES	
9.00	CODE NOT AVAILABLE THAT YEAR	

Question: "Scientists should be allowed to do research that causes pain and injury to animals like dogs and chimpanzees if it produces new information about human health problems. Do you strongly agree, agree, disagree, or strongly disagree?"

LABANOK	LAB ANIMAL RSRCH OKAY IF NEW INFO FOUND	269
Value	Label	
1.00	STRONGLY AGREE	
2.00	AGREE	
3.00	DISAGREE	
4.00	STRONGLY DISAGREE	
8.00	DK-WON'T SAY	
9.00	NOT ASKED THAT YEAR	

Initially the question about studies using laboratory animals referenced dogs and chimps only. Starting in 1997 (and in 1999 and 2001), this item was administered as a "split-ballot": half the respondents were first asked about dogs and chimps, half were first asked about studies with mice. A time series beginning in 1988 continues through 2001. In 1997, 1999 and 2001, only those respondents asked first about dogs and chimps form part of the "LABANOK" time series (since they do not have the contrast of first being asked about mice).

It is strongly recommended that analysts use EXPFORM in conjunction with PAIN2DOG and PAIN2MIC since answers may depend on which type of laboratory animal was asked about first.

EXPFORM	EXPERIMENTAL FORM LAB ANIMALS 1997-2001	270
Value	Label	
1.00	DOG-CHIMP PRESENTED FIRST	
2.00	MICE PRESENTED FIRST	
9.00	NOT ASKED THAT YEAR	

Question: "Scientists should be allowed to do research that causes pain and injury to animals like dogs and chimpanzees if it produces new information about human health problems. Do you strongly agree, agree, disagree, or strongly disagree?" (used in split ballot experiment)

PAIN2DOG	LAB DOG/CHIMP OK IF NEW INFO HUMAN HEALTH FOUND	271
Value	Label	
1.00	STRONGLY AGREE	
2.00	AGREE	
3.00	DISAGREE	
4.00	STRONGLY DISAGREE	
8.00	DK-WON'T SAY	
9.00	NOT ASKED THAT YEAR	

Question: "Scientists should be allowed to do research that causes pain and injury to animals like mice if it produces new information about human health problems. Do you strongly agree, agree, disagree, or strongly disagree?" (used in split ballot experiment)

PAIN2MIC	LAB MICE OK IF NEW INFO HUMAN HEALTH FOUND	272
	Value Label	
	1.00 STRONGLY AGREE	
	2.00 AGREE	
	3.00 DISAGREE	
	4.00 STRONGLY DISAGREE	
	8.00 DK-WON'T SAY	
	9.00 NOT ASKED THAT YEAR	

Question: "Do you live in a city, town, or village, or do you live in an unincorporated area?"

URBAN	COMMUNITY TYPE	273
	Value Label	
	1.00 Incorporated	
	2.00 Unincorporated	
	7.00 Won't say	
	8.00 Don't know	
	9.00 Not asked	

Race and ethnicity were asked several ways over the years. Hispanic ethnicity was not separately asked until the late 1990s (this was true for most other national surveys at the time as well; this series is typical.)

Question: "What race do you consider yourself? IF R IS UNSURE, OR SAYS "AMERICAN", ASK: Which of the following Census categories do you consider yourself: African American, Hispanic American, White/ Caucasian, Asian or Pacific Islander, or American Indian or Alaskan Native? IF RESPONDENT DID NOT INDICATE THAT THEY WERE HISPANIC IN THE PREVIOUS QUESTION, ASK THIS QUESTION: Are you of Hispanic origin or descent?"

HISPANIC	OF HISPANIC ORIGIN	274
	Value Label	
	1.00 YES	
	2.00 NO	
	7.00 WON'T SAY/DK	
	9.00 NOT AVAILABLE THAT YEAR	

RACE	RESPONDENT SELF-ID RACE	275
	Value Label	
	1.00 WHITE	
	2.00 BLACK	
	3.00 HISPANIC NEC	
	4.00 ASIAN	
	5.00 AMERICAN INDIAN	
	8.00 WON'T SAY/DK/OTHER	
	9.00 NOT AVAILABLE THAT YEAR	

BLACK	IS RESPONDENT BLACK?	276
	Value Label	
	.00 NO	
	1.00 YES	
	8.00 DK/WON'T SAY/OTHER	
	9.00 NOT AVAILABLE THAT YEAR	

WHITE	IS RESPONDENT WHITE?		277
	Value	Label	
	.00	NO	
	1.00	YES	
	9.00	NOT AVAILABLE	

REGION	REGION OF INTERVIEW (follows Census/NORC/GSS codes)		278
	Value	Label	
	1.00	NEW ENGLAND	
	2.00	MIDDLE ATLANTIC	
	3.00	E. NOR. CENTRAL	
	4.00	W. NOR. CENTRAL	
	5.00	SOUTH ATLANTIC	
	6.00	E. SOU. CENTRAL	6.00
	7.00	W. SOU. CENTRAL	7.00
	8.00	MOUNTAIN	8.00
	9.00	PACIFIC	9.00
	99.00	NOT AVAILABLE THAT YEAR	

Use of the weighting variable is strongly recommended. This is especially true for gender. Weighting very slightly inflates the total sample size.

WT5	WEIGHTING VARIABLE		279
	Print Format:	F8.4	
	Write Format:	F8.4	

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