
United States Biotechnology Study, 1997–1998

Jon D. Miller

ICPSR 3030

UNITED STATES BIOTECHNOLOGY STUDY, 1997-1998
(ICPSR 3030)

Principal Investigator

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DATA COLLECTION DESCRIPTION

Jon D. Miller

UNITED STATES BIOTECHNOLOGY STUDY, 1997-1998 (ICPSR 3030)

SUMMARY: Fielded November 11, 1997, through February 14, 1998, this study collected data from United States citizens aged 18 and older regarding their interest in and attentiveness to selected current news issues, knowledge of and attitudes toward biotechnology, various forms of political participation, and knowledge of scientific concepts. Conducted not long after the 1996 Eurobarometer Survey (EUROBAROMETER 46.1: MODERN BIOTECHNOLOGY, PRIVACY ON COMPUTER NETWORKS, AND THE COMMON EUROPEAN CURRENCY, OCTOBER-NOVEMBER 1996 [ICPSR 6940]), this study posed some questions similar to those asked of European respondents. To begin the interview, respondents were asked how interested they were in selected news issues, including agriculture and farm events, economic and business conditions, new scientific and medical discoveries, new inventions and technologies, environmental pollution, and quality and cost of health care services, and how well informed they felt about these issues. They were asked how often they read a newspaper, what magazines and newsletters they read regularly, and whether new technologies such as solar energy, computers and information technology, biotechnology, genetic engineering, telecommunications, and space exploration would improve our way of life over the next 20 years. Respondents were also queried on the meaning of the term "modern biotechnology" and asked if they had heard or read anything about modern biotechnology in the last three months, where they heard or read about it, what they had heard or read, and how they would get more information on the subject if they wanted it. They were asked if they knew about the cloning of Dolly the sheep, whether they understood the terms "DNA" and "molecule", and whether they knew about specific applications of biotechnology used for food and drink production, plant and crop genetics for pest resistance, human genetics for medicine and for organ transplant, and detection of serious diseases in unborn children. Respondents were also asked whether these applications were useful, risky, or morally acceptable to society; whether the practices should be encouraged; and how much trust they would have in groups such as the American Medical Association, the Food and Drug Administration, university scientists, food manufacturers, the National Institutes of Health, news reporters, the United States Department of Agriculture, TIME or NEWSWEEK, and CONSUMER REPORTS if these groups were to make public statements about the safety of biotechnology. Agreement or disagreement was sought regarding statements about topics such as informed citizens' influence on government science and technology

policies, federal funding of knowledge-advancing scientific research, pain and injury to laboratory animals for human benefit, current biotechnology regulations, personal or family benefits from biotechnology, religion and biotechnology, public involvement in biotechnology policies, and whether respondents supported or opposed biotechnology and why. Respondents were read a list of human attributes, including eye color, intelligence, happiness, athletic ability, work attitude, and musical ability, and asked if they thought each was inherited or learned. They were further queried as to whether, in the next 20 years, modern biotechnology would cause a reduction in environmental pollution, world hunger, or the range of fruits and vegetables available; create new diseases; cure most genetic diseases; improve Third World natural resource yield; produce designer babies; or replace most existing food products. Respondents were asked for their understanding of the term "scientific study" and to determine the truth of a set of statements having to do with bacteria, viruses, senility, cloning, the human immune system, and animal, human, and plant genetics. In addition, they were asked how important biotechnology issues were to them personally, how informed they felt about biotechnology, and if they had ever talked about this subject with someone prior to the interview. Demographic attributes collected include political participation (including whether the respondent had written or spoken to any public official during the past year, their party affiliation, and who they voted for in 1996), religious affiliation and participation, marital status, number of adults and children in the household, educational attainment and field of study (including specific science and math courses taken in high school and any current studies), current employment status and occupation, computer usage at work, pets, language spoken at home, computer ownership, World Wide Web access and usage, smoking, geographic location, race, age, and gender.

NOTE: (1) The data are provided as an SPSS portable file. (2) This collection has not been processed by ICPSR staff. ICPSR is distributing the data and documentation for this collection in essentially the same form in which they were received. When appropriate, documentation has been converted to Portable Document Format (PDF), data files have been converted to non-platform-specific formats, and variables have been recoded to ensure respondents' anonymity. (3) The codebook, data collection instrument, and frequencies are provided by ICPSR as a Portable Document Format (PDF) file. The PDF file format was developed by Adobe Systems Incorporated and can be accessed using PDF reader software, such as the Adobe Acrobat Reader. Information on how to obtain a copy of the Acrobat Reader is provided on the ICPSR Web site.

EXTENT OF COLLECTION: 1 data file + machine-readable documentation
(PDF)

EXTENT OF PROCESSING: CONCHK.PR/ FREQ.PR/ UNDOCCHK.PR/ MDATA.PR/
REFORM.DOC

Cases: 1,067
Variables: 195

1997-98 STUDY OF THE PUBLIC UNDERSTANDING OF BIOTECHNOLOGY: CODEBOOK

File Information: SPSS EXPORT FILE ICPSRBI.POR

N of Rows in Working Data File 1067

List of variables on the working file

Name		Position
CASENUM	Unique Case Identifier Chicago Academy of Sciences Measurement Level: Scale Print Format: F5 Write Format: F5 Minimum Value: 7 Maximum Value: 4021	1
CASEID	Unique Case Identifier Market Facts Measurement Level: Scale Print Format: F6 Write Format: F6 Minimum Value: 100007 Maximum Value: 104021	2
WT5	WEIGHT FOR DATA FILE Measurement Level: Scale Print Format: F8.2 Write Format: F8.2 Minimum Value: 1.29 Maximum Value: 1.94	3

FOR VARIABLES Q6 THROUGH Q226, THE VARIABLE NAME (EG., Q6 OR Q226 CORRESPONDS TO THE QUESTION NUMBER OF THE DATA COLLECTION INSTRUMENT).

Q6	HOW INTERESTED IN CURRENT NEWS EVENTS Measurement Level: Ordinal Print Format: F1 Write Format: F1 Value Label 1 Very interested 2 Moderately interested 3 Not at all interested 7 Won't say 8 Don't know	4
Q7	INTEREST - AGRICULTURAL & FARM Measurement Level: Ordinal Print Format: F1 Write Format: F1 Value Label 1 Very interested 2 Moderately interested 3 Not at all interested 7 Won't say 8 Don't know	5

Q8	INTEREST - ECONOMIC & BUSINESS CONDITIONS Measurement Level: Ordinal Print Format: F1 Write Format: F1	6
	Value Label	
	1 Very interested	
	2 Moderately interested	
	3 Not at all interested	
	7 Won't say	
	8 Don't know	
Q9	INTEREST - NEW SCIENTIFIC DISCOVERIES Measurement Level: Ordinal Print Format: F1 Write Format: F1	7
	Value Label	
	1 Very interested	
	2 Moderately interested	
	3 Not at all interested	
	7 Won't say	
	8 Don't know	
Q10	INTEREST - NEW INVENTIONS & TECHNOLOGIES Measurement Level: Ordinal Print Format: F1 Write Format: F1	8
	Value Label	
	1 Very interested	
	2 Moderately interested	
	3 Not at all interested	
	7 Won't say	
	8 Don't know	
Q11	INTEREST - NEW MEDICAL DISCOVERIES Measurement Level: Ordinal Print Format: F1 Write Format: F1	9
	Value Label	
	1 Very interested	
	2 Moderately interested	
	3 Not at all interested	
	7 Won't say	
	8 Don't know	
Q12	INTEREST - ENVIRONMENTAL POLLUTION Measurement Level: Ordinal Print Format: F1 Write Format: F1	10

	Value	Label	
	1	Very interested	
	2	Moderately interested	
	3	Not at all interested	
	7	Won't say	
	8	Don't know	
Q13	INTEREST - HEALTH CARE SERVICE		11
	Measurement Level: Ordinal		
	Print Format: F1		
	Write Format: F1		
	Value	Label	
	1	Very interested	
	2	Moderately interested	
	3	Not at all interested	
	7	Won't say	
	8	Don't know	
Q14	INFORMED - AGRICULTURAL & FARM		12
	Measurement Level: Ordinal		
	Print Format: F1		
	Write Format: F1		
	Value	Label	
	1	Very well informed	
	2	Moderately well informed	
	3	Poorly informed	
	7	Won't say	
	8	Don't know	
Q15	INFORMED - ECONOMIC & BUSINESS CONDITIONS		13
	Measurement Level: Ordinal		
	Print Format: F1		
	Write Format: F1		
	Value	Label	
	1	Very well informed	
	2	Moderately well informed	
	3	Poorly informed	
	7	Won't say	
	8	Don't know	
Q16	INFORMED - NEW SCIENTIFIC DISCOVERIES		14
	Measurement Level: Ordinal		
	Print Format: F1		
	Write Format: F1		
	Value	Label	
	1	Very well informed	
	2	Moderately well informed	

3	Poorly informed
7	Won't say
8	Don't know

Q17	INFORMED - NEW INVENTIONS AND TECHNOLOGIES	15
	Measurement Level: Ordinal	
	Print Format: F1	
	Write Format: F1	

Value	Label
1	Very well informed
2	Moderately well informed
3	Poorly informed
7	Won't say
8	Don't know

Q18	INFORMED - NEW MEDICAL DISCOVERIES	16
	Measurement Level: Ordinal	
	Print Format: F1	
	Write Format: F1	

Value	Label
1	Very well informed
2	Moderately well informed
3	Poorly informed
7	Won't say
8	Don't know

Q19	INFORMED - ENVIRONMENTAL POLLUTION	17
	Measurement Level: Ordinal	
	Print Format: F1	
	Write Format: F1	

Value	Label
1	Very well informed
2	Moderately well informed
3	Poorly informed
7	Won't say
8	Don't know

Q20	INFORMED - HEALTH CARE SERVICE	18
	Measurement Level: Ordinal	
	Print Format: F1	
	Write Format: F1	

Value	Label
1	Very well informed
2	Moderately well informed
3	Poorly informed
7	Won't say
8	Don't know

Q21 HOW OFTEN DO YOU READ A NEWSPAPER 19
 Measurement Level: Ordinal
 Print Format: F1
 Write Format: F1

Value	Label
1	Every day
2	A few times a week
3	Once a week
4	Less than once a week
7	Won't say
8	Don't know

Q22 1ST MAGAZINE READ REGULARLY 20
 Measurement Level: Ordinal
 Print Format: F3
 Write Format: F3

Value	Label
10	Other General News
11	Newsweek
12	Time
13	Us News & World
14	National Review
20	Other Literary & Art
21	Harpers
23	New Yorker
24	Sat Evening Post
25	Smithsonian
26	Readers Digest
30	Other Womens Magazines
31	Cosmopolitan Vogue
32	Family Circle
33	Redbook
34	Ladies Home Journal
35	Good Housekeeping
36	Glamour Mademoiselle
37	Womans Day
38	McCalls
39	MS Self
40	Other Personality & Entertainment
41	People
42	TV Guide
43	Rolling Stone
44	National Enquirer
45	The Star
46	US
47	Ebony Jet
48	Life
50	Other Science Magazines
52	Science
53	Scientific American
54	Popular Science
55	Science Digest Smithsonian Air & Space
56	Omni

57	Discover
58	National Geographic
59	Science News
60	Other Men's Magazines
61	Esquire
62	Playboy/Penthouse/Hustler
64	Gentleman's Quarterly
65	Hunting & Fishing
70	Other Business Magazines
71	Fortune
72	Barron's
73	Forbes
74	Business Week
75	Money
80	Other Sports Magazines
81	Sports Illustrated
82	Farming Magazines
83	Religious Magazines
84	Ethnic Magazines
85	Car-Auto Magazines
86	Cooking-Nutrition Magazines
87	Senior Citizen Magazines
88	City, Regional, & Travel
89	Health, Fitness, & Consumer
90	Scientific, Technical & Health Pro
91	Other Professional Journals
92	Crafts, hobby magazines
93	Children's magazines
94	Parenting
95	Military & Veterans
96	Computer magazines
98	Other
99	Not a magazine
997	Won't say
998	Don't know
999	Not asked

Q22TXT	1ST MAGAZINE VERBATIM RESPONSE	21
	Measurement Level: Nominal	
	Print Format: A89	
	Write Format: A89	
	NOTE: Blanks are present for missing values.	

Q23	2ND MAGAZINE READ REGULARLY	33
	Measurement Level: Ordinal	
	Print Format: F3	
	Write Format: F3	

Value	Label
10	Other General News
11	Newsweek
12	Time
13	Us News & World
14	National Review
20	Other Literary & Art
21	Harpers

23 New Yorker
 24 Sat Evening Post
 25 Smithsonian
 26 Readers Digest
 30 Other Women's Magazines
 31 Cosmopolitan Vogue
 32 Family Circle
 33 Redbook
 34 Ladies Home Journal
 35 Good Housekeeping
 36 Glamour Mademoiselle
 37 Woman's Day
 38 McCalls
 39 MS Self
 40 Other Personality & Entertainment
 41 People
 42 TV Guide
 43 Rolling Stone
 44 National Enquirer
 45 The Star
 46 US
 47 Ebony Jet
 48 Life
 50 Other Science Magazines
 52 Science
 53 Scientific American
 54 Popular Science
 55 Science Digest Smithsonian Air & Space
 56 Omni
 57 Discover
 58 National Geographic
 59 Science News
 60 Other Men's Magazines
 61 Esquire
 62 Playboy/Penthouse/Hustler
 64 Gentleman's Quarterly
 65 Hunting & Fishing
 70 Other Business Magazines
 71 Fortune
 72 Barron's
 73 Forbes
 74 Business Week
 75 Money
 80 Other Sports Magazines
 81 Sports Illustrated
 82 Farming Magazines
 83 Religious Magazines
 84 Ethnic Magazines
 85 Car-Auto Magazines
 86 Cooking-Nutrition Magazines
 87 Senior Citizen Magazines
 88 City, Regional, & Travel
 89 Health, Fitness, & Consumer
 90 Scientific, Technical & Health Pro
 91 Other Professional Journals
 92 Crafts, hobby magazines
 93 Children's magazines

94	Parenting
95	Military & Veterans
96	Computer magazines
98	Other
99	Not a magazine
997	Won't say
998	Don't know
999	Not asked

Q23TXT	2ND MAGAZINE VERBATIM RESPONSE	34
	Measurement Level: Nominal	
	Print Format: A89	
	Write Format: A89	
	NOTE: Blanks are present for missing values.	

Q24	3RD MAGAZINE READ REGULARLY	46
	Measurement Level: Ordinal	
	Print Format: F3	
	Write Format: F3	

Value	Label
10	Other General News
11	Newsweek
12	Time
13	Us News & World
14	National Review
20	Other Literary & Art
21	Harpers
23	New Yorker
24	Sat Evening Post
25	Smithsonian
26	Readers Digest
30	Other Women's Magazines
31	Cosmopolitan Vogue
32	Family Circle
33	Redbook
34	Ladies Home Journal
35	Good Housekeeping
36	Glamour Mademoiselle
37	Woman's Day
38	McCalls
39	MS Self
40	Other Personality & Entertainment
41	People
42	TV Guide
43	Rolling Stone
44	National Enquirer
45	The Star
46	US
47	Ebony Jet
48	Life
50	Other Science Magazines
52	Science
53	Scientific American
54	Popular Science
55	Science Digest Smithsonian Air & Space

56	Omni
57	Discover
58	National Geographic
59	Science News
60	Other Men's Magazines
61	Esquire
62	Playboy/Penthouse/Hustler
64	Gentleman's Quarterly
65	Hunting & Fishing
70	Other Business Magazines
71	Fortune
72	Barron's
73	Forbes
74	Business Week
75	Money
80	Other Sports Magazines
81	Sports Illustrated
82	Farming Magazines
83	Religious Magazines
84	Ethnic Magazines
85	Car-Auto Magazines
86	Cooking-Nutrition Magazines
87	Senior Citizen Magazines
88	City, Regional, & Travel
89	Health, Fitness, & Consumer
90	Scientific, Technical & Health Pro
91	Other Professional Journals
92	Crafts, hobby magazines
93	Children's magazines
94	Parenting
95	Military & Veterans
96	Computer magazines
98	Other
99	Not a magazine
997	Won't say
998	Don't know
999	Not asked

Q24TXT	3RD MAGAZINE VERBATIM RESPONSE	47
	Measurement Level: Nominal	
	Print Format: A89	
	Write Format: A89	
	NOTE: Blanks are present for missing values.	

Q25	1ST HEALTH/SCIENCE MAGAZINE	59
	Measurement Level: Ordinal	
	Print Format: F3	
	Write Format: F3	

Value	Label
10	Other General News
11	Newsweek
12	Time
13	Us News & World
14	National Review
20	Other Literary & Art

21 Harpers
 23 New Yorker
 24 Sat Evening Post
 25 Smithsonian
 26 Readers Digest
 30 Other Women's Magazines
 31 Cosmopolitan Vogue
 32 Family Circle
 33 Redbook
 34 Ladies Home Journal
 35 Good Housekeeping
 36 Glamour Mademoiselle
 37 Woman's Day
 38 McCalls
 39 MS Self
 40 Other Personality & Entertainment
 41 People
 42 TV Guide
 43 Rolling Stone
 44 National Enquirer
 45 The Star
 46 US
 47 Ebony Jet
 48 Life
 50 Other Science Magazines
 52 Science
 53 Scientific American
 54 Popular Science
 55 Science Digest Smithsonian Air & Space
 56 Omni
 57 Discover
 58 National Geographic
 59 Science News
 60 Other Men's Magazines
 61 Esquire
 62 Playboy/Penthouse/Hustler
 64 Gentleman's Quarterly
 65 Hunting & Fishing
 70 Other Business Magazines
 71 Fortune
 72 Barron's
 73 Forbes
 74 Business Week
 75 Money
 80 Other Sports Magazines
 81 Sports Illustrated
 82 Farming Magazines
 83 Religious Magazines
 84 Ethnic Magazines
 85 Car-Auto Magazines
 86 Cooking-Nutrition Magazines
 87 Senior Citizen Magazines
 88 City, Regional, & Travel
 89 Health, Fitness, & Consumer
 90 Scientific, Technical & Health Pro
 91 Other Professional Journals
 92 Crafts, hobby magazines

93	Children's magazines
94	Parenting
95	Military & Veterans
96	Computer magazines
98	Other
99	Not a magazine
997	Won't say
998	Don't know
999	Not asked

Q25TXT	1ST HEALTH/SCI MAGAZINE VERBATIM RESPONSE	60
	Measurement Level: Nominal	
	Print Format: A89	
	Write Format: A89	
	NOTE: Blanks are present for missing values.	

Q26	2ND HEALTH/SCIENCE MAGAZINE	72
	Measurement Level: Ordinal	
	Print Format: F3	
	Write Format: F3	

Value	Label
10	Other General News
11	Newsweek
12	Time
13	Us News & World
14	National Review
20	Other Literary & Art
21	Harpers
23	New Yorker
24	Sat Evening Post
25	Smithsonian
26	Readers Digest
30	Other Women's Magazines
31	Cosmopolitan Vogue
32	Family Circle
33	Redbook
34	Ladies Home Journal
35	Good Housekeeping
36	Glamour Mademoiselle
37	Woman's Day
38	McCalls
39	MS Self
40	Other Personality & Entertainment
41	People
42	TV Guide
43	Rolling Stone
44	National Enquirer
45	The Star
46	US
47	Ebony Jet
48	Life
50	Other Science Magazines
52	Science
53	Scientific American
54	Popular Science

55	Science Digest
56	Smithsonian Air & Space
57	Omni
58	Discover
59	National Geographic
60	Science News
61	Other Men's Magazines
62	Esquire
64	Playboy/Penthouse/Hustler
65	Gentleman's Quarterly
70	Hunting & Fishing
71	Other Business Magazines
72	Fortune
73	Barron's
74	Forbes
75	Business Week
80	Money
81	Other Sports Magazines
82	Sports Illustrated
83	Farming Magazines
84	Religious Magazines
85	Ethnic Magazines
86	Car-Auto Magazines
87	Cooking-Nutrition Magazines
88	Senior Citizen Magazines
89	City, Regional, & Travel
90	Health, Fitness, & Consumer
91	Scientific, Technical & Health Pro
92	Other Professional Journals
93	Crafts, hobby magazines
94	Children's magazines
95	Parenting
96	Military & Veterans
97	Computer magazines
98	Other
99	Not a magazine
997	Won't say
998	Don't know
999	Not asked

Q26TXT	2ND HEALTH/SCI MAGAZINE VERBATIM RESPONSE	73
	Measurement Level: Nominal	
	Print Format: A89	
	Write Format: A89	
	NOTE: Blanks are present for missing values.	

Q27	3RD HEALTH/SCIENCE MAGAZINE	85
	Measurement Level: Ordinal	
	Print Format: F3	
	Write Format: F3	

Value	Label
10	Other General News
11	Newsweek
12	Time
13	Us News & World
14	National Review

20 Other Literary & Art
 21 Harpers
 23 New Yorker
 24 Sat Evening Post
 25 Smithsonian
 26 Readers Digest
 30 Other Women's Magazines
 31 Cosmopolitan Vogue
 32 Family Circle
 33 Redbook
 34 Ladies Home Journal
 35 Good Housekeeping
 36 Glamour Mademoiselle
 37 Woman's Day
 38 McCalls
 39 MS Self
 40 Other Personality & Entertainment
 41 People
 42 TV Guide
 43 Rolling Stone
 44 National Enquirer
 45 The Star
 46 US
 47 Ebony Jet
 48 Life
 50 Other Science Magazines
 52 Science
 53 Scientific American
 54 Popular Science
 55 Science Digest Smithsonian Air & Space
 56 Omni
 57 Discover
 58 National Geographic
 59 Science News
 60 Other Men's Magazines
 61 Esquire
 62 Playboy/Penthouse/Hustler
 64 Gentleman's Quarterly
 65 Hunting & Fishing
 70 Other Business Magazines
 71 Fortune
 72 Barron's
 73 Forbes
 74 Business Week
 75 Money
 80 Other Sports Magazines
 81 Sports Illustrated
 82 Farming Magazines
 83 Religious Magazines
 84 Ethnic Magazines
 85 Car-Auto Magazines
 86 Cooking-Nutrition Magazines
 87 Senior Citizen Magazines
 88 City, Regional, & Travel
 89 Health, Fitness, & Consumer
 90 Scientific, Technical & Health Pro
 91 Other Professional Journals

	92	Crafts, hobby magazines	
	93	Children's magazines	
	94	Parenting	
	95	Military & Veterans	
	96	Computer magazines	
	98	Other	
	99	Not a magazine	
	997	Won't say	
	998	Don't know	
	999	Not asked	
Q27TXT	3RD HEALTH/SCI MAGAZINE VERBATIM RESPONSES		86
	Measurement Level: Nominal		
	Print Format: A89		
	Write Format: A89		
	NOTE: Blanks are present for missing values.		
Q28YN	R SUBSCRIBE HEALTH NEWSLETTER		98
	Measurement Level: Ordinal		
	Print Format: F1		
	Write Format: F1		
	Value	Label	
	1	Yes	
	2	No	
	7	Won't say	
	8	Don't know	
	9	Not asked	
Q28TXT	VERBATIM RESPONSE NAME OF HEALTH NEWSLETTER READ		99
	Measurement Level: Nominal		
	Print Format: A76		
	Write Format: A76		
Q45	IMPROVE LIFE: SOLAR ENERGY		109
	Measurement Level: Ordinal		
	Print Format: F1		
	Write Format: F1		
	Value	Label	
	1	Improve our way of life	
	2	Have no effect	
	3	Make things worse	
	7	Won't say	
	8	Don't know	
	9	Not asked	
Q46	IMPROVE LIFE: COMPUTER & INFO. TECH		110
	Measurement Level: Ordinal		
	Print Format: F1		
	Write Format: F1		

	Value Label 1 Improve our way of life 2 Have no effect 3 Make things worse 7 Won't say 8 Don't know 9 Not asked	
Q47A	IMPROVE LIFE: BIOTECHNOLOGY Measurement Level: Ordinal Print Format: F1 Write Format: F1 Value Label 1 Improve our way of life 2 Have no effect 3 Make things worse 7 Won't say 8 Don't know 9 Not asked	111
Q47B	IMPROVE LIFE: GENETIC ENGINEERING Measurement Level: Ordinal Print Format: F1 Write Format: F1 Value Label 1 Improve our way of life 2 Have no effect 3 Make things worse 7 Won't say 8 Don't know 9 Not asked	112
Q48	IMPROVE LIFE: TELECOMMUNICATIONS Measurement Level: Ordinal Print Format: F1 Write Format: F1 Value Label 1 Improve our way of life 2 Have no effect 3 Make things worse 7 Won't say 8 Don't know 9 Not asked	113
Q49	IMPROVE LIFE: SPACE EXPLORATION Measurement Level: Ordinal Print Format: F1 Write Format: F1	114

	Value	Label	
	1	Improve our way of life	
	2	Have no effect	
	3	Make things worse	
	7	Won't say	
	8	Don't know	
	9	Not asked	
Q50	AGREEMENT TO WAVE RECORD FOR Q51		115
	Measurement Level: Ordinal		
	Print Format: F1		
	Write Format: F1		
	Value	Label	
	1	Yes	
	2	No	
	7	Won't say	
	8	Don't know	
	9	Not asked	
NOTE: In question, 51, respondents were asked, "Now, let me ask you again what comes to mind when you think about modern biotechnology in a broad sense, that is including genetic engineering." Responses to question 51 were coded into two variables—Q51DI and Q51EU. The variable Q51DI indicates the feelings the respondent expressed about genetic engineering or biotechnology. In variable Q51EU the content of the response was coded to correspond to the coding frame used in the European study. The content code indicates the primary content discussed by the respondent.			
Q51DI	Direction Code Biotechnology Image		116
	Measurement Level: Ordinal		
	Print Format: F3		
	Write Format: F3		
	Value	Label	
	1	Strongly negative	
	2	Negative	
	3	Neutral	
	4	Positive	
	5	Strongly positive	
	6	Mixed	
	95	Missing WAV file	
	98	Uncodeable	
	99	Blank WAV file	
	999	Not asked	
Q51EU	Content Code Biotechnology Image		117
	Measurement Level: Ordinal		
	Print Format: F3		
	Write Format: F3		

	Value	Label	
	11	Advancement of Knowledge	
	20	Applications: medical & agriculture (general)	
	21	Cloning—general, or Dolly to various applications	
	22	Mentions specific medical and specific agricultural applications	
	30	Only medical applications general or mixed	
	31	Cure disease generally; improve longevity	
	32	Cure specific disease	
	33	Organ transplants	
	34	Reproduction	
	35	Human cloning	
	36	Paternity testing	
	40	Only agriculture applications—general (environment)	
	41	Increase food production	
	42	Improve variety, characteristics of plants	
	50	Biological weapons, warfare	
	55	Forensics/fingerprinting/crime detection/OJ	
	60	General	
	61	Something scientific (for example, experiments, computers, space)	
	62	Playing God	
	70	Vague	
	90	Don't know, not sure, not interested, now answer	
	95	Missing WAV file	
	98	Unicodeable	
	99	Blank WAV file	
	999	Not asked	
Q52	READ ABOUT MODERN BIOTECHNOLOGY		118
	Measurement Level: Ordinal		
	Print Format: F1		
	Write Format: F1		
	Value	Label	
	1	Yes	
	2	No	
	7	Won't say	
	8	Don't know	
	9	Not asked	
Q53	RECENT BIOTECHNOLOGY STORY HEARD OR READ ABOUT		119
	Measurement Level: Ordinal		
	Print Format: F2		
	Write Format: F2		
	Value	Label	
	1	Cloning general and non-sheep/non-human	
	2	Cloning sheep/cloning Dolly	
	3	Cloning people	
	4	Medical applications general and other	
	5	Genetic testing general and specific	
	6	Genetically engineered drugs	
	7	Treatments for diseases/genes associated with diseases	

- 8 Multiple birth/fertility treatments/test tube babies
- 9 Negative images/general opposition
- 10 Biological weapons
- 20 Agricultural application general and other
- 30 Genetic engineering general
- 90 Other
- 95 Named source not type of article or story
- 97 Don't know/Won't say
- 99 Not asked

Q54 SOURCE MOST RECENT BIOTECH INFO 120
 Measurement Level: Ordinal
 Print Format: F2
 Write Format: F2

Value	Label
1	Library
2	Newspaper
3	Magazine
4	Book, other printed material
5	Television or radio
6	Government agency
7	Family member
8	Friend or colleague
9	Internet or World Wide Web
10	Computer CD-ROM
11	Computer in general
12	College or other school
13	Museum
14	Other
97	Won't say
98	Don't know
99	Not asked

Q55 RESOURCE TO LEARN MORE ABOUT BIOTECH 121
 Measurement Level: Ordinal
 Print Format: F2
 Write Format: F2

Value	Label
1	Library
2	Newspaper
3	Magazine
4	Book, other printed material
5	Television or radio
6	Government agency
7	Family member
8	Friend or colleague
9	Internet or World Wide Web
10	Computer CD-ROM
11	Computer in general
12	College or other school
13	Museum
14	Other
97	Won't say

	98	Don't know	
	99	Not asked	
Q56	HEARD ABOUT CLONING OF A SHEEP		122
	Measurement Level: Ordinal		
	Print Format: F1		
	Write Format: F1		
	Value	Label	
	1	Yes	
	2	No	
	7	Won't say	
	8	Don't know	
	9	Not asked	
Q57	UNDERSTANDING OF 'DNA'		123
	Measurement Level: Ordinal		
	Print Format: F1		
	Write Format: F1		
	Value	Label	
	1	Clear understanding	
	2	General sense	
	3	Little understanding	
	7	Won't say	
	8	Don't know	
	9	Not asked	
Q58A	AGREEMENT TO WAVE RECORD FOR Q58+		124
	Measurement Level: Ordinal		
	Print Format: F1		
	Write Format: F1		
	Value	Label	
	1	Yes	
	2	No	
	7	Won't say	
	8	Don't know	
	9	Not asked	
Q58B	MEANING DNA		125
	Measurement Level: Ordinal		
	Print Format: F3		
	Write Format: F3		
	Value	Label	
	1	Understands inheritance—description given which indicates that the respondent knows DNA to be the genetic code or blueprint which determines the characteristics of living matter. Responses were also coded as a 1 if the respondent simply said "Deoxyribonucleic acid."	

- 2 Genes/Chromosomes/Genetics—respondent knows words such as genes, chromosomes, but does not indicate that he/she knows that DNA is the basis of inheritance—included in this category are responses that simply name “chromosomes,” or “genes.”
- 4 Living thing—incorrect answer that describes some aspects of a living being, with a response such as “blood,” “in the body.”
- 5 Wrong or vague—this category includes incorrect answers which do not fit into category 4. Answers referring simply to the “testing of blood,” or “used in crimes” are placed here as well.
- 8 Don't know
- 95 Missing WAV file
- 98 Uncodable
- 99 Blank WAV file
- 999 Not asked

Q59 UNDERSTANDING OF 'MOLECULE' 126
 Measurement Level: Ordinal
 Print Format: F1
 Write Format: F1

Value	Label
1	Clear understanding
2	General sense
3	Little understanding
7	Won't say
8	Don't know
9	Not asked

Q60A AGREEMENT TO WAVE RECORD FOR Q60b 127
 Measurement Level: Ordinal
 Print Format: F1
 Write Format: F1

Value	Label
1	Yes
2	No
7	Won't say
8	Don't know
9	Not asked

Q60B MEANING MOLECULE (CODED) 128
 Measurement Level: Ordinal
 Print Format: F3
 Write Format: F3

Value	Label
0	Incorrect—this category includes all incorrect responses, vague responses, and don't know responses.

- 1 Recognizes that molecules comprise matter, but not structure—responses indicating that molecules make up matter were coded as a 1. However, if the respondent indicated that the molecule is the “smallest particle of matter” it was coded as a “0” for confusing molecules with atoms.
- 2 Correct; understands molecules as combinations of atoms.
- 95 Missing WAV file
- 98 Uncodeable WAV file
- 99 Blank WAV file
- 999 Not asked

Q68 HEARD OF USE OF BIOTECH IN FOOD/DRINK 129
 Measurement Level: Ordinal
 Print Format: F1
 Write Format: F1

Value Label

- 1 Yes
- 2 No
- 7 Won't say
- 8 Don't know
- 9 Not asked

Q69 USE OF BIOTECH IN FOOD/DRINK: USEFUL 130
 Measurement Level: Ordinal
 Print Format: F1
 Write Format: F1

Value Label

- 1 Definitely agree
- 2 Tend to agree
- 3 Tend to disagree
- 4 Definitely disagree
- 7 Won't say
- 8 Don't know
- 9 Not asked

Q70 USE OF BIOTECH IN FOOD/DRINK: RISKY 131
 Measurement Level: Ordinal
 Print Format: F1
 Write Format: F1

Value Label

- 1 Definitely agree
- 2 Tend to agree
- 3 Tend to disagree
- 4 Definitely disagree
- 7 Won't say
- 8 Don't know
- 9 Not asked

Q71	USE OF BIOTECH IN FOOD/DRINK: ACCEPTABLE Measurement Level: Ordinal Print Format: F1 Write Format: F1	132
	Value Label	
	1 Definitely agree	
	2 Tend to agree	
	3 Tend to disagree	
	4 Definitely disagree	
	7 Won't say	
	8 Don't know	
	9 Not asked	
Q72	USE OF BIOTECH IN FOOD/DRINK: ENCOURAGED Measurement Level: Ordinal Print Format: F1 Write Format: F1	133
	Value Label	
	1 Definitely agree	
	2 Tend to agree	
	3 Tend to disagree	
	4 Definitely disagree	
	7 Won't say	
	8 Don't know	
	9 Not asked	
Q73	HEARD OF INSERT GENES FROM PLANT TO CROP Measurement Level: Ordinal Print Format: F1 Write Format: F1	134
	Value Label	
	1 Yes	
	2 No	
	7 Won't say	
	8 Don't know	
	9 Not asked	
Q74	INSERT GENES FROM PLANT TO CROP: USEFUL Measurement Level: Ordinal Print Format: F1 Write Format: F1	135
	Value Label	
	1 Definitely agree	
	2 Tend to agree	
	3 Tend to disagree	
	4 Definitely disagree	
	7 Won't say	
	8 Don't know	
	9 Not asked	

Q75

INSERT GENES FROM PLANT TO CROP: RISKY

136

Measurement Level: Ordinal

Print Format: F1

Write Format: F1

Value	Label
1	Definitely agree
2	Tend to agree
3	Tend to disagree
4	Definitely disagree
7	Won't say
8	Don't know
9	Not asked

Q76

INSERT GENES FROM PLANT TO CROP: ACCEPTABLE

137

Measurement Level: Ordinal

Print Format: F1

Write Format: F1

Value	Label
1	Definitely agree
2	Tend to agree
3	Tend to disagree
4	Definitely disagree
7	Won't say
8	Don't know
9	Not asked

Q77

INSERT GENES FROM PLANT TO CROP: ENCOURAGED

138

Measurement Level: Ordinal

Print Format: F1

Write Format: F1

Value	Label
1	Definitely agree
2	Tend to agree
3	Tend to disagree
4	Definitely disagree
7	Won't say
8	Don't know
9	Not asked

Q79

INTRODUCE HUMAN GENES INTO BACTERIA: USEFUL

139

Measurement Level: Ordinal

Print Format: F1

Write Format: F1

Value	Label
1	Definitely agree
2	Tend to agree
3	Tend to disagree
4	Definitely disagree

- 7 Won't say
- 8 Don't know
- 9 Not asked

Q80 INTRODUCE HUMAN GENES INTO BACTERIA: RISKY 140

Measurement Level: Ordinal
Print Format: F1
Write Format: F1

Value Label

- 1 Definitely agree
- 2 Tend to agree
- 3 Tend to disagree
- 4 Definitely disagree
- 7 Won't say
- 8 Don't know
- 9 Not asked

Q81 INTRODUCE HUMAN GENES INTO BACTERIA: ACCEPTABLE 141

Measurement Level: Ordinal
Print Format: F1
Write Format: F1

Value Label

- 1 Definitely agree
- 2 Tend to agree
- 3 Tend to disagree
- 4 Definitely disagree
- 7 Won't say
- 8 Don't know
- 9 Not asked

Q82 INTRODUCE HUMAN GENES INTO BACTERIA: ENCOURAGED 142

Measurement Level: Ordinal
Print Format: F1
Write Format: F1

Value Label

- 1 Definitely agree
- 2 Tend to agree
- 3 Tend to disagree
- 4 Definitely disagree
- 7 Won't say
- 8 Don't know
- 9 Not asked

Q88 HEARD OF INTRODUCE HUMAN GENES INTO ANIMAL 143

Measurement Level: Ordinal
Print Format: F1
Write Format: F1

	Value Label 1 Yes 2 No 7 Won't say 8 Don't know 9 Not asked	
Q89	INTRODUCE HUMAN GENES INTO ANIMAL: USEFUL Measurement Level: Ordinal Print Format: F1 Write Format: F1 Value Label 1 Definitely agree 2 Tend to agree 3 Tend to disagree 4 Definitely disagree 7 Won't say 8 Don't know 9 Not asked	144
Q90	INTRODUCE HUMAN GENES INTO ANIMAL: RISKY Measurement Level: Ordinal Print Format: F1 Write Format: F1 Value Label 1 Definitely agree 2 Tend to agree 3 Tend to disagree 4 Definitely disagree 7 Won't say 8 Don't know 9 Not asked	145
Q91	INTRODUCE HUMAN GENES INTO ANIMAL: ACCEPTABLE Measurement Level: Ordinal Print Format: F1 Write Format: F1 Value Label 1 Definitely agree 2 Tend to agree 3 Tend to disagree 4 Definitely disagree 7 Won't say 8 Don't know 9 Not asked	146
Q92	INTRODUCE HUMAN GENES INTO ANIMAL: ENCOURAGED Measurement Level: Ordinal Print Format: F1 Write Format: F1	147

	Value	Label	
	1	Definitely agree	
	2	Tend to agree	
	3	Tend to disagree	
	4	Definitely disagree	
	7	Won't say	
	8	Don't know	
	9	Not asked	
Q93	HEARD OF GENETIC TESTING FOR UNBORN BABY		148
	Measurement Level: Ordinal		
	Print Format: F1		
	Write Format: F1		
	Value	Label	
	1	Yes	
	2	No	
	7	Won't say	
	8	Don't know	
	9	Not asked	
Q94	GENETIC TESTING FOR UNBORN BABY: USEFUL		149
	Measurement Level: Ordinal		
	Print Format: F1		
	Write Format: F1		
	Value	Label	
	1	Definitely agree	
	2	Tend to agree	
	3	Tend to disagree	
	4	Definitely disagree	
	7	Won't say	
	8	Don't know	
	9	Not asked	
Q95	GENETIC TESTING FOR UNBORN BABY: RISKY		150
	Measurement Level: Ordinal		
	Print Format: F1		
	Write Format: F1		
	Value	Label	
	1	Definitely agree	
	2	Tend to agree	
	3	Tend to disagree	
	4	Definitely disagree	
	7	Won't say	
	8	Don't know	
	9	Not asked	
Q96	GENETIC TESTING FOR UNBORN BABY: ACCEPTABLE		151
	Measurement Level: Ordinal		
	Print Format: F1		

Write Format: F1

Value	Label
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1	Definitely agree
2	Tend to agree
3	Tend to disagree
4	Definitely disagree
7	Won't say
8	Don't know
9	Not asked

Q97	GENETIC TESTING FOR UNBORN BABY: ENCOURAGED	152
	Measurement Level: Ordinal	
	Print Format: F1	
	Write Format: F1	

Value	Label
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1	Definitely agree
2	Tend to agree
3	Tend to disagree
4	Definitely disagree
7	Won't say
8	Don't know
9	Not asked

Q103	CONFIDENCE IN AMA	153
	Measurement Level: Ordinal	
	Print Format: F1	
	Write Format: F1	

Value	Label
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1	Lot of trust
2	Some trust
3	No trust
7	Won't say
8	Don't know
9	Not asked

Q104	CONFIDENCE IN FDA	154
	Measurement Level: Ordinal	
	Print Format: F1	
	Write Format: F1	

Value	Label
-------	-------

1	Lot of trust
2	Some trust
3	No trust
7	Won't say
8	Don't know
9	Not asked

Q105	CONFIDENCE IN SCIENTISTS IN UNIVERSITY Measurement Level: Ordinal Print Format: F1 Write Format: F1	155
	Value Label	
	1 Lot of trust	
	2 Some trust	
	3 No trust	
	7 Won't say	
	8 Don't know	
	9 Not asked	
Q106	CONFIDENCE IN FOOD MANUFACTURE Measurement Level: Ordinal Print Format: F1 Write Format: F1	156
	Value Label	
	1 Lot of trust	
	2 Some trust	
	3 No trust	
	7 Won't say	
	8 Don't know	
	9 Not asked	
Q107	CONFIDENCE IN NIH Measurement Level: Ordinal Print Format: F1 Write Format: F1	157
	Value Label	
	1 Lot of trust	
	2 Some trust	
	3 No trust	
	7 Won't say	
	8 Don't know	
	9 Not asked	
Q108	CONFIDENCE IN TV NEWS SHOW REPORTERS Measurement Level: Ordinal Print Format: F1 Write Format: F1	158
	Value Label	
	1 Lot of trust	
	2 Some trust	
	3 No trust	
	7 Won't say	
	8 Don't know	
	9 Not asked	

Q109	CONFIDENCE IN US DEPT OF AGRICULTURE Measurement Level: Ordinal Print Format: F1 Write Format: F1	159
	Value Label	
	1 Lot of trust	
	2 Some trust	
	3 No trust	
	7 Won't say	
	8 Don't know	
	9 Not asked	
Q110	CONFIDENCE IN TIME OR NEWSWEEK Measurement Level: Ordinal Print Format: F1 Write Format: F1	160
	Value Label	
	1 Lot of trust	
	2 Some trust	
	3 No trust	
	7 Won't say	
	8 Don't know	
	9 Not asked	
Q111	CONFIDENCE IN CONSUMER REORT MAG Measurement Level: Ordinal Print Format: F1 Write Format: F1	161
	Value Label	
	1 Lot of trust	
	2 Some trust	
	3 No trust	
	7 Won't say	
	8 Don't know	
	9 Not asked	
Q112	INTRST & INFRM CITIZN INFL GOVT POLICY Measurement Level: Ordinal Print Format: F1 Write Format: F1	162
	Value Label	
	1 Strongly agree	
	2 Agree	
	3 Disagree	
	4 Strongly disagree	
	7 Won't say	
	8 Don't know	
	9 Not asked	

Q113	FED GOVT SUPPORT ALL SCI RSRCH Measurement Level: Ordinal Print Format: F1 Write Format: F1	163
	Value Label	
	1 Strongly agree	
	2 Agree	
	3 Disagree	
	4 Strongly disagree	
	7 Won't say	
	8 Don't know	
	9 Not asked	
Q114	LAB DOG/CHIMP OK IF NEW INFO FOUND Measurement Level: Ordinal Print Format: F1 Write Format: F1	164
	Value Label	
	1 Strongly agree	
	2 Agree	
	3 Disagree	
	4 Strongly disagree	
	7 Won't say	
	8 Don't know	
	9 Not asked	
Q115	REGULATIONS- SUFFICIENT TO PROTECT FROM BIOTECH RISKS Measurement Level: Ordinal Print Format: F1 Write Format: F1	165
	Value Label	
	1 Strongly agree	
	2 Agree	
	3 Disagree	
	4 Strongly disagree	
	7 Won't say	
	8 Don't know	
	9 Not asked	
Q116	BIOTECH WILL PERSONALLY BENEFIT TO ORDINARY PEOPLE Measurement Level: Ordinal Print Format: F1 Write Format: F1	166
	Value Label	
	1 Strongly agree	
	2 Agree	
	3 Disagree	
	4 Strongly disagree	
	7 Won't say	

8 Don't know
9 Not asked

Q117 BIOTECH ALREADY BENEFIT TO R AND R'S FAMILY 167
Measurement Level: Ordinal
Print Format: F1
Write Format: F1

Value	Label
1	Strongly agree
2	Agree
3	Disagree
4	Strongly disagree
7	Won't say
8	Don't know
9	Not asked

Q118 BIBLE IS THE ACTUAL WORD OF GOD 168
Measurement Level: Ordinal
Print Format: F1
Write Format: F1

Value	Label
1	Strongly agree
2	Agree
3	Disagree
4	Strongly disagree
7	Won't say
8	Don't know
9	Not asked

Q119 PLANTS & ANIMAL EXSIST TO BE USED BY HUMANS 169
Measurement Level: Ordinal
Print Format: F1
Write Format: F1

Value	Label
1	Strongly agree
2	Agree
3	Disagree
4	Strongly disagree
7	Won't say
8	Don't know
9	Not asked

Q120 REGULATION OF BIOTECH SHOULD BE LEFT TO INDUSTRY 170
Measurement Level: Ordinal
Print Format: F1
Write Format: F1

Value	Label
1	Strongly agree
2	Agree

- 3 Disagree
- 4 Strongly disagree
- 7 Won't say
- 8 Don't know
- 9 Not asked

Q121 BIOTECH SO COMPLEX POLICY PROCESS IS WASTE OF TIME 171

Measurement Level: Ordinal
Print Format: F1
Write Format: F1

- | Value | Label |
|-------|-------------------|
| 1 | Strongly agree |
| 2 | Agree |
| 3 | Disagree |
| 4 | Strongly disagree |
| 7 | Won't say |
| 8 | Don't know |
| 9 | Not asked |

Q122 PERSONAL GOD WHO HEARS THE PRAYER 172

Measurement Level: Ordinal
Print Format: F1
Write Format: F1

- | Value | Label |
|-------|-------------------|
| 1 | Strongly agree |
| 2 | Agree |
| 3 | Disagree |
| 4 | Strongly disagree |
| 7 | Won't say |
| 8 | Don't know |
| 9 | Not asked |

Q124 NOT WORTH LABELS ON GENETICALLY MODIFIED FOOD 173

Measurement Level: Ordinal
Print Format: F1
Write Format: F1

- | Value | Label |
|-------|-------------------|
| 1 | Strongly agree |
| 2 | Agree |
| 3 | Disagree |
| 4 | Strongly disagree |
| 7 | Won't say |
| 8 | Don't know |
| 9 | Not asked |

Q125 ANIMAL HAVE RIGHTS THAT PEOPLE SHOULD NOT VIOLATE 174

Measurement Level: Ordinal
Print Format: F1
Write Format: F1

	Value	Label	
	1	Strongly agree	
	2	Agree	
	3	Disagree	
	4	Strongly disagree	
	7	Won't say	
	8	Don't know	
	9	Not asked	
Q126	USE OF BIOTECH IN AGRICULTURE & FOOD PRODUCTION		175
	Measurement Level: Ordinal		
	Print Format: F1		
	Write Format: F1		
	Value	Label	
	1	Support	
	2	Oppose	
	7	Won't say	
	8	Don't know	
	9	Not asked	
Q126B	AGREEMENT TO WAVE RECORD FOR Q127A+		176
	Measurement Level: Ordinal		
	Print Format: F1		
	Write Format: F1		
	Value	Label	
	1	Yes	
	2	No	
	9	Not asked	
Q127A	REASON FOR SUPPORT OF USE IN AGRICULTURE AND FOOD		177
	Measurement Level: Ordinal		
	Print Format: F3		
	Write Format: F3		
	Value	Label	
	1	Improve quality of food—this includes the notion that by using biotechnology the nutritional value, taste, or other desirable qualities of food could be improved. These desirable qualities can also include such things as reducing fat, cholesterol, pesticide residues, or other undesirable aspects of food products, or in general making food safer.	
	2	Increase food production—this includes responses indicating that biotechnology is needed in order to make food production keep up with population growth, reduce hunger, produce more food at a lower cost. This also includes the notion of plants surviving through different types of weather, and creating “heartier plants.”	

- 3 Benefit society by providing environmental or economic benefits—responses in this category focus on the environmental or economic benefits of biotechnology. Responses indicating that biotechnology will be beneficial to American industry and reduce the cost of production were assigned a code of 3, as were those indicating that biotechnology may help reduce pollution, including agriculture's dependency on chemicals.
 - 4 Scientific and technological advances benefit society, in general—responses in this category focus on the more general benefits of science and technology, such as the notion that biotechnology is important for maintaining scientific leadership in the future. Respondents indicating that new developments in science and technology are necessary and desirable or that we need to "further our knowledge" were assigned a code of 4.
 - 5 Biotechnology will improve the overall quality of life—responses falling into this category include those that indicate that biotechnology could lead to a higher standard of living, or that biotechnology would improve health care, including finding cures for cancer or other medical problems.
 - 6 Non-specific statements of support for biotechnology/vague—these responses simply implied a belief that biotechnology is good or beneficial or necessary with no additional reasons.
 - 7 Statements that reflect some apprehension—overall, this category indicates conditional support for biotechnology. Responses in this category indicated that there may be problems with biotechnology.
- 95 Missing WAV file
 97 Don't Know
 98 Uncodeable WAV file
 99 Blank WAV file
 999 Not asked

Q127C REASON FOR OPPOSE USE IN AGRICULTURE AND FOOD 178

Measurement Level: Ordinal

Print Format: F3

Write Format: F3

Value Label

- 1 Threatens the balance of nature/harmful to the environment—responses in this category worry that biotechnology would lead to serious impacts on the nature environment. This category also includes responses indicating that tampering with nature is wrong, or "not natural." This category also includes concerns about the loss of genetic diversity or the creation of harmful mutations.
- 2 Concerned about unknown effects or long-term risks—responses that mentioned a lack of trust in scientists or government to adequately control biotechnology were assigned a code of 2.

This category also includes the fear that biotechnology will be used in an inappropriate manner. Responses indicating that not enough testing would be done about the possible side effects were also assigned a code of 2.

- 3 Concern over the application of biotechnology with humans or animals—responses were assigned to this category if they mentioned fears about hurting humans or animals through biotechnology.
- 4 Concerns it would promote increased use of chemicals in farming or food processing—responses assigned a code of 4 indicated that biotechnology will result in less safe food or food of poorer quality that could lead to possible harm to those who eat the food products.
- 5 Belief its use is against God's will or contrary to their religious beliefs—This category includes specific mentions of biotechnology being "against God's will" as well as a general sense of moral objection.
- 6 Concerns about impacts on the economy—this category includes potential social or economic impacts that biotechnology could have for small businesses or family farms. Responses indicating that only large corporations would benefit from biotechnology were also assigned a code of 6.
- 7 Other and non-specific/vague concerns—this category includes vague concerns such as "it's bad," "I just don't like it."
- 95 Missing WAV file
- 96 They support don't oppose
- 97 Don't Know
- 98 Uncodeable
- 99 Blank WAV file
- 999 Not asked

Q128 USE OF BIOTECH TO DEVELOP NEW MEDICINE 179
 Measurement Level: Ordinal
 Print Format: F1
 Write Format: F1

Value	Label
1	Support
2	Oppose
7	Won't say
8	Don't know
9	Not asked

Q129A REASON FOR SUPPORT OF USE TO DEVELOP NEW MEDICINE 180
 Measurement Level: Ordinal
 Print Format: F3
 Write Format: F3

	Value	Label	
	1	Identify and cure disease/eliminate pain and suffering.	
	3	More economical/better way to produce drugs.	
	4	Scientific and technology advances generally—these responses talked about science and technology in general, and furthering scientific knowledge.	
	5	Improve Quality of Life	
	6	Vague—non-specific/other support.	
	7	Reflects some apprehension about the use of biotechnology	
	95	Missing WAV file	
	97	Don't Know	
	98	Uncodeable	
	99	Blank WAV file	
	999	Not asked	
Q129B	REASON FOR OPPOSE OF USE TO DEVELOP NEW MEDICINE		181
	Measurement Level: Ordinal		
	Print Format: F3		
	Write Format: F3		
	Value	Label	
	-9	Not in WAVE file	
	1	Against nature	
	2	Concerned about unknown effects or risks—this category includes responses indicating that you cannot trust the people doing biotechnology.	
	3	Concerned about use with humans/animals	
	4	Against God's Will	
	5	Concerned about the impact on the economy	
	7	Other and non-specific concerns/vague	
	96	They support don't oppose	
	97	Don't Know	
	98	Uncodeable	
	99	Blank WAV file	
	999	Not asked	
Q131	INHERITED OR UPBRINGING: INTELLIGENCE		182
	Measurement Level: Ordinal		
	Print Format: F1		
	Write Format: F1		

	Value	Label	
	1	Mainly inherited	
	2	Upbringing/living conditions	
	7	Won't say	
	8	Don't know	
	9	Not asked	
Q132	INHERITED OR UPBRINGING: TENDENCY TO BE HAPPY		183
	Measurement Level: Ordinal		
	Print Format: F1		
	Write Format: F1		
	Value	Label	
	1	Mainly inherited	
	2	Upbringing/living conditions	
	7	Won't say	
	8	Don't know	
	9	Not asked	
Q133	INHERITED OR UPBRINGING: ATHLETIC ABILITIES		184
	Measurement Level: Ordinal		
	Print Format: F1		
	Write Format: F1		
	Value	Label	
	1	Mainly inherited	
	2	Upbringing/living conditions	
	7	Won't say	
	8	Don't know	
	9	Not asked	
Q134	INHERITED OR UPBRINGING: ATTITUDE TOWARD WORK		185
	Measurement Level: Ordinal		
	Print Format: F1		
	Write Format: F1		
	Value	Label	
	1	Mainly inherited	
	2	Upbringing/living conditions	
	7	Won't say	
	8	Don't know	
	9	Not asked	
Q135	INHERITED OR UPBRINGING: MUSICAL ABILITIES		186
	Measurement Level: Ordinal		
	Print Format: F1		
	Write Format: F1		
	Value	Label	
	1	Mainly inherited	
	2	Upbringing/living conditions	
	7	Won't say	

8 Don't know
9 Not asked

Q136 LIKELIHOOD IN 20 YRS: REDUCE ENVIRONMENTAL POLLUTION 187
Measurement Level: Ordinal
Print Format: F1
Write Format: F1

Value	Label
1	Likely
2	Unlikely
7	Won't say
8	Don't know
9	Not asked

Q137 LIKELIHOOD IN 20 YRS:NEW DISEASES 188
Measurement Level: Ordinal
Print Format: F1
Write Format: F1

Value	Label
1	Likely
2	Unlikely
7	Won't say
8	Don't know
9	Not asked

Q138 LIKELIHOOD IN 20 YRS: REDUCE WORLD HUNGER 189
Measurement Level: Ordinal
Print Format: F1
Write Format: F1

Value	Label
1	Likely
2	Unlikely
7	Won't say
8	Don't know
9	Not asked

Q139 LIKELIHOOD IN 20 YRS: REDUCE RANGE OF FRUIT & FOOD 190
Measurement Level: Ordinal
Print Format: F1
Write Format: F1

Value	Label
1	Likely
2	Unlikely
7	Won't say
8	Don't know
9	Not asked

Q140	LIKELIHOOD IN 20 YRS: CURE FOR GENETIC DISEASE	191
	Measurement Level: Ordinal	
	Print Format: F1	
	Write Format: F1	
	Value Label	
	1 Likely	
	2 Unlikely	
	7 Won't say	
	8 Don't know	
	9 Not asked	
Q141	LIKELIHOOD IN 20 YRS: MORE NATURAL RES. IN 3RD WORLD	192
	Measurement Level: Ordinal	
	Print Format: F1	
	Write Format: F1	
	Value Label	
	1 Likely	
	2 Unlikely	
	7 Won't say	
	8 Don't know	
	9 Not asked	
Q142	LIKELIHOOD IN 20 YRS: DESIGNER BABIES	193
	Measurement Level: Ordinal	
	Print Format: F1	
	Write Format: F1	
	Value Label	
	1 Likely	
	2 Unlikely	
	7 Won't say	
	8 Don't know	
	9 Not asked	
Q143	LIKELIHOOD IN 20 YRS: REPLACE FOOD W/ VARIETIES	194
	Measurement Level: Ordinal	
	Print Format: F1	
	Write Format: F1	
	Value Label	
	1 Likely	
	2 Unlikely	
	7 Won't say	
	8 Don't know	
	9 Not asked	
Q144	UNDERSTANDING OF 'SCIENTIFIC STUDY'	195
	Measurement Level: Ordinal	
	Print Format: F1	
	Write Format: F1	

	Value	Label	
	1	Clear understanding	
	2	General sense	
	3	Little understanding	
	7	Won't say	
	8	Don't know	
	9	Not asked	
Q145	MEANING SCIENTIFIC STUDY		196
	Measurement Level: Ordinal		
	Print Format: F3		
	Write Format: F3		
	Value	Label	
	1	Formulation of theories, test hypotheses: the top category includes some notion of theory or hypothesis.	
	2	Experiments—this does not include theory, but mentions experiment or control group.	
	3	Rigorous, systematic comparison —this category understands scientific study as being rigorous (repeated testing, over a long time), systematic (or orderly), unbiased, and replication.	
	4	Measurement—this category includes the notion of something done “in a laboratory” or focuses on quantitative methods such as surveys or polls or gathering facts without additional information to allow them to be categorized in one of the above categories. Responses that simply indicate “testing” are also coded as 4.	
	5	Classification—These responses focus on more vague forms of research.	
	6	Redundancies, other incorrect—this category includes all other incorrect responses as well as redundant responses that mention “what scientists do,” or “the scientific method.”	
	95	Missing WAV file	
	98	Uncodeable	
	99	Blank WAV file	
	999	Not asked	
Q146	EXPERIMENTAL METHOD		197
	Measurement Level: Ordinal		
	Print Format: F1		
	Write Format: F1		
	Value	Label	
	1	All 1000 get the drug	
	2	500 get the drug; 500 don't	
	7	Won't say	

- 8 Don't know
- 9 Not asked

Q147 WHY IS IT BETTER TO TEST THIS WAY? 198
 Measurement Level: Ordinal
 Print Format: F3
 Write Format: F3

The responses to this question (Q147) were coded in conjunction with the responses to Q146. In analyses, the codes of 1, 2, and 5 are considered a correct understanding of an experiment. The following codes were assigned to Q147 on the basis of both responses:

Value Label

- 1 Correct, Control (*Q146=500 get drug*) *Control Group*; The response includes the words "control group" or "controlled group" or "control sample." A response that simply mentions "control group" is coded as a "1" unless the respondent elaborates incorrectly. This category also includes correct explanations of a control group through a description of those not getting the drug as "a control."
- 2 Correct/Compare -- *Correct (Q146=500 get drug); vague reason* - the respondent understands the need for comparison but does not include other more specific responses that would result in the response being coded as "1." This category includes implied comparisons as well (such comments as "see the difference" or "need to contrast" or "need a baseline"). This category also includes detailed listings of other factors that might lower blood pressure (rather than the drug) implying the need for comparison.
- 3 Correct, wrong *Correct (q146=500 get drug); wrong reason* - this includes reasons about sample size (e.g., "the second way is better because fewer people would be hurt") as well as other incorrect reasons. This category also includes respondents who simply rephrase the method that is being used (e.g., "well the second has two groups and the first only has one group"). The category also includes a simple mention of a "double blind study" without additional information to categorize it as a "1" or a "2."
- 4 Correct, DK *Correct (q146=500 get drug); don't know*. The respondent was unable to explain why this method was the best.
- 5 Wrong, Reservation (*q146=1000 get drug*); *reservations about control group* - this includes the notion that it is incorrect to hold back treatment from some people. This group of respondents will be assumed to understand the experimental method in analyses but to have ethical reservations about the use of control groups.
- 6 Wrong, Size (*q146=1000 get drug*); the respondent chooses this method because "more people will get the drug" or "bigger is better."

- 7 Wrong, Other (q146=1000 get drug); other reason, including vague responses
- 8 Wrong, DK (q146=1000 get drug); respondent unable to explain why this method is best.
- 95 Missing WAV file
- 98 Uncodeable WAV file
- 99 Blank WAV file
- 999 Not asked

Q148 DNA REGULATES PLANTS AND ANIMALS 199
 Measurement Level: Ordinal
 Print Format: F1
 Write Format: F1

Value	Label
1	True
2	False
7	Won't say
8	Don't know
9	Not asked

Q149 ALL BACTERIA ARE HARMFUL TO HUMANS 200
 Measurement Level: Ordinal
 Print Format: F1
 Write Format: F1

Value	Label
1	True
2	False
7	Won't say
8	Don't know
9	Not asked

Q150 ANTIBIOTICS KILL VIRUSES & BACTERIA 201
 Measurement Level: Ordinal
 Print Format: F1
 Write Format: F1

Value	Label
1	True
2	False
7	Won't say
8	Don't know
9	Not asked

Q151 SENILITY IS INEVITABLE 202
 Measurement Level: Ordinal
 Print Format: F1
 Write Format: F1

	Value Label 1 True 2 False 7 Won't say 8 Don't know 9 Not asked	
Q152	SCIENTISTS CAN CREATE NEVER-EXISTED GENES Measurement Level: Ordinal Print Format: F1 Write Format: F1 Value Label 1 True 2 False 7 Won't say 8 Don't know 9 Not asked	203
Q153	MT HALF OF HUMAN GENES IDENTICAL TO CHIMPANZEES Measurement Level: Ordinal Print Format: F1 Write Format: F1 Value Label 1 True 2 False 7 Won't say 8 Don't know 9 Not asked	204
Q154	VIRUSES CAN BE CONTAMINATED IN BACTERIA Measurement Level: Ordinal Print Format: F1 Write Format: F1 Value Label 1 True 2 False 7 Won't say 8 Don't know 9 Not asked	205
Q155	HUMANS DEVELOPED FROM EARLIER SPECIES Measurement Level: Ordinal Print Format: F1 Write Format: F1 Value Label 1 True 2 False 7 Won't say	206

- 8 Don't know
- 9 Not asked

Q156 CLONING PRODUCE IDENTICAL OFFSPRINGS 207
 Measurement Level: Ordinal
 Print Format: F1
 Write Format: F1

Value Label

- 1 True
- 2 False
- 7 Won't say
- 8 Don't know
- 9 Not asked

Q157 YEAST CONSISTS OF LIVING ORGANISMS 208
 Measurement Level: Ordinal
 Print Format: F1
 Write Format: F1

Value Label

- 1 True
- 2 False
- 7 Won't say
- 8 Don't know
- 9 Not asked

Q158 HUMANS CAN SURVIVE ON ENOUGH CALORIES 209
 Measurement Level: Ordinal
 Print Format: F1
 Write Format: F1

Value Label

- 1 True
- 2 False
- 7 Won't say
- 8 Don't know
- 9 Not asked

Q159 IMMUNE SYSTEM CAN'T FIGHT VIRUSES 210
 Measurement Level: Ordinal
 Print Format: F1
 Write Format: F1

Value Label

- 1 True
- 2 False
- 7 Won't say
- 8 Don't know
- 9 Not asked

Q160	ORDINARY TOMATOES NO GENES MODIFIED ONE HAS GENES Measurement Level: Ordinal Print Format: F1 Write Format: F1	211
	Value Label	
	1 True	
	2 False	
	7 Won't say	
	8 Don't know	
	9 Not asked	
Q161	POSSIBLE TO FIND OUT UNBORN BABIES DISEASES Measurement Level: Ordinal Print Format: F1 Write Format: F1	212
	Value Label	
	1 True	
	2 False	
	7 Won't say	
	8 Don't know	
	9 Not asked	
Q162	GENETICALLY MODIFIED FRUITS CAN MODIFY HUMAN GENES Measurement Level: Ordinal Print Format: F1 Write Format: F1	213
	Value Label	
	1 True	
	2 False	
	7 Won't say	
	8 Don't know	
	9 Not asked	
Q163	IMPOSSIBLE TO TRANSFER ANNIMAL GENES TO PLANTS Measurement Level: Ordinal Print Format: F1 Write Format: F1	214
	Value Label	
	1 True	
	2 False	
	7 Won't say	
	8 Don't know	
	9 Not asked	
Q164	HUMAN INTELLIGENCE RELATED TO BRAIN SIZE Measurement Level: Ordinal Print Format: F1 Write Format: F1	215

	Value Label 1 True 2 False 7 Won't say 8 Don't know 9 Not asked	
Q165	GENETICALLY MODIFIED ANIMALS ARE BIG Measurement Level: Ordinal Print Format: F1 Write Format: F1 Value Label 1 True 2 False 7 Won't say 8 Don't know 9 Not asked	216
Q166	PROBABILITY - FOURTH WILL HAVE Measurement Level: Ordinal Print Format: F1 Write Format: F1 Value Label 1 Yes 2 No 7 Won't say 8 Don't know 9 Not asked	217
Q167	PROBABILITY - LAST THREE WILL NOT Measurement Level: Ordinal Print Format: F1 Write Format: F1 Value Label 1 Yes 2 No 7 Won't say 8 Don't know 9 Not asked	218
Q168	PROBABILITY - SAME RISK FOR EACH Measurement Level: Ordinal Print Format: F1 Write Format: F1 Value Label 1 Yes 2 No 7 Won't say	219

	8 Don't know 9 Not asked	
Q169	PROBABILITY - NONE IF ONLY THREE Measurement Level: Ordinal Print Format: F1 Write Format: F1 Value Label 1 Yes 2 No 7 Won't say 8 Don't know 9 Not asked	220
Q170	SCALES OF IMPORTANCE IN BIOTECH Measurement Level: Ordinal Print Format: F2 Write Format: F2 Value Label 0 Not at all important 10 Extremely important 97 Won't say 98 Don't know	221
Q171	SCALES OF IFORMEDNESS IN BIOTECH Measurement Level: Ordinal Print Format: F2 Write Format: F2 Value Label 0 Not at all informed 10 Very well informed 97 Won't say 98 Don't know	222
Q172	TALKED SOMEONE ABOUT BIOTECH Measurement Level: Ordinal Print Format: F1 Write Format: F1 Value Label 1 No, never 2 Yes, frequently 3 Yes, occasionally 4 Yes, only once or twice 7 Won't say 8 Don't know 9 Not asked	223

Q173 CONTACT OFFICIALS/POLITICAL ISSUES 224
 Measurement Level: Ordinal
 Print Format: F1
 Write Format: F1

Value	Label
1	Yes
2	No
7	Won't say
8	Don't know
9	Not asked

Q174 FIRST POLITICAL CONTACT 225
 Measurement Level: Ordinal
 Print Format: F3
 Write Format: F3

Value	Label
1	Accounting
10	Science & Tech General
11	Nuclear power
12	Weapons
13	Environmnt & pollutn
14	Energy - except prices
15	Health - medicine
16	Health Care-Policy
19	Other spec sci issues
20	For policy-general
21	Lat Amer problems
22	Middle East issues
23	War, peace, defense
25	Iran
26	African Issues
29	Othr spec forg pol
30	Economic-general
31	Inflation
32	Unemployment
33	Productivity & obslnc
34	Labor relations
35	Value of the dollar
37	Taxes
38	Price of energy
39	Other spec econ issue
40	Civil rights-general
41	Minority rights
42	Women's rights
49	Other spec civ rts iss
50	Agriculture
60	Transportation
70	Soc & wlfr pol-general
72	Abortion
73	Sr citizen problems
75	Schools & education
76	Urban-city problems
77	Dom poverty-welfare

78	Local Issues
79	Other spec dom issues
80	Moral decay of US
81	Political corruption
82	Crime
83	Drugs
84	Violence
85	Political Issues
86	Gay-Lesbian Issues
89	Othr spec moral issues
90	Other & uncodable
99	Personal Issues
997	Won't say
998	Don't Know
999	Not Asked

Q175

SECOND POLITICAL CONTACT
Measurement Level: Ordinal
Print Format: F3
Write Format: F3

226

Value	Label
1	Accounting
10	Science & Tech General
11	Nuclear power
12	Weapons
13	Environmnt & pollutn
14	Energy - except prices
15	Health - medicine
16	Health Care-Policy
19	Other spec sci issues
20	For policy-general
21	Lat Amer problems
22	Middle East issues
23	War, peace, defense
25	Iran
26	African Issues
29	Othr spec forg pol
30	Economic-general
31	Inflation
32	Unemployment
33	Productivity & obslnc
34	Labor relations
35	Value of the dollar
37	Taxes
38	Price of energy
39	Other spec econ issue
40	Civil rights-general
41	Minority rights
42	Women's rights
49	Other spec civ rts iss
50	Agriculture
60	Transportation
70	Soc & wlfr pol-general
72	Abortion
73	Sr citizen problems

75	Schools & education
76	Urban-city problems
77	Dom poverty-welfare
78	Local Issues
79	Other spec dom issues
80	Moral decay of US
81	Political corruption
82	Crime
83	Drugs
84	Violence
85	Political Issues
86	Gay-Lesbian Issues
89	Othr spec moral issues
90	Other & uncodable
99	Personal Issues
997	Won't say
998	Don't Know
999	Not Asked

Q176

THIRD POLITICAL CONTACT
Measurement Level: Ordinal
Print Format: F3
Write Format: F3

227

Value	Label
1	Accounting
10	Science & Tech General
11	Nuclear power
12	Weapons
13	Environmnt & pollutn
14	Energy - except prices
15	Health - medicine
16	Health Care-Policy
19	Other spec sci issues
20	For policy-general
21	Lat Amer problems
22	Middle East issues
23	War, peace, defense
25	Iran
26	African Issues
29	Othr spec forg pol
30	Economic-general
31	Inflation
32	Unemployment
33	Productivity & obslnc
34	Labor relations
35	Value of the dollar
37	Taxes
38	Price of energy
39	Other spec econ issue
40	Civil rights-general
41	Minority rights
42	Women's rights
49	Other spec civ rts iss
50	Agriculture
60	Transportation

70	Soc & wlfcr pol-general
72	Abortion
73	Sr citizen problems
75	Schools & education
76	Urban-city problems
77	Dom poverty-welfare
78	Local Issues
79	Other spec dom issues
80	Moral decay of US
81	Political corruption
82	Crime
83	Drugs
84	Violence
85	Political Issues
86	Gay-Lesbian Issues
89	Othr spec moral issues
90	Other & uncodable
99	Personal Issues
997	Won't say
998	Don't Know
999	Not Asked

Q177	POLITICAL PARTY IDENTIFICATION	228
	Measurement Level: Ordinal	
	Print Format: F1	
	Write Format: F1	

Value	Label
1	Democrat
2	Independent
3	Republican
7	Won't say
8	Don't know
9	Not asked

Q178	STRENGTH OF DEMOCRAT IDENTITY	229
	Measurement Level: Ordinal	
	Print Format: F1	
	Write Format: F1	

Value	Label
1	Strong
2	Not so strong
7	Won't say
8	Don't know
9	Not asked

Q179	STRENGTH OF REPUBLICAN IDENTITY	230
	Measurement Level: Ordinal	
	Print Format: F1	
	Write Format: F1	

	Value	Label	
	1	Strong	
	2	Not so strong	
	7	Won't say	
	8	Don't know	
	9	Not asked	
Q180	FAVOR ANY PARTY		231
	Measurement Level: Ordinal		
	Print Format: F1		
	Write Format: F1		
	Value	Label	
	1	Lean toward Democrats	
	2	Lean toward Republicans	
	3	Do not lean toward either	
	7	Won't say	
	8	Don't know	
	9	Not asked	
Q181	R REGISTERED TO VOTE		232
	Measurement Level: Ordinal		
	Print Format: F1		
	Write Format: F1		
	Value	Label	
	1	Yes	
	2	No	
	7	Won't say	
	8	Don't know	
	9	Not asked	
Q182	VOTED IN 1996 PRESIDENTIAL ELECTION		233
	Measurement Level: Ordinal		
	Print Format: F1		
	Write Format: F1		
	Value	Label	
	1	Yes	
	2	No	
	7	Won't say	
	8	Don't know	
	9	Not asked	
Q183	PERSON VOTED FOR IN 1996 ELEC		234
	Measurement Level: Ordinal		
	Print Format: F1		
	Write Format: F1		
	Value	Label	
	1	Clinton	
	2	Dole	

	3 Perot 4 Other 7 Won't say 8 Don't know 9 Not asked	
Q184	MEMBERSHIP OF AARP Measurement Level: Ordinal Print Format: F1 Write Format: F1 Value Label 1 Yes 2 No 7 Won't say 8 Don't know 9 Not asked	235
Q185	TIMES ATTENDED RELIGIOUS SERVICE Measurement Level: Ordinal Print Format: F3 Write Format: F3 Value Label 997 Won't say 998 Don't know	236
Q186	RELIGIOUS PREFERENCE Measurement Level: Ordinal Print Format: F1 Write Format: F1 Value Label 1 Protestant 2 Catholic 3 Jewish 4 Other 5 None 7 Won't say 8 Don't know 9 Not asked	237
Q187TXT	PROTESTANT DENOMINATION VERBATIM RESPONSE Measurement Level: Nominal Print Format: A89 Write Format: A89 NOTE: Blanks are present for missing values.	238
Q188	RELIGIOSITY SCALE Measurement Level: Ordinal Print Format: F2 Write Format: F2	250

	Value	Label	
	0	Not at all religious	
	10	Very religious	
	97	Won't say	
	98	Don't know	
Q189	MARITAL STATUS		251
	Measurement Level: Ordinal		
	Print Format: F1		
	Write Format: F1		
	Value	Label	
	1	Married	
	2	Widowed	
	3	Divorced	
	4	Separated	
	5	Never married	
	7	Won't say	
	8	Don't know	
	9	Not asked	
Q190	NUMBER OF ADULTS IN HOUSEHOLD		252
	Measurement Level: Ordinal		
	Print Format: F2		
	Write Format: F2		
	Minimum Value: 1 Maximum Value: 6		
Q191	NUMBER OF CHILDREN		253
	Measurement Level: Ordinal		
	Print Format: F2		
	Write Format: F2		
	Value	Label	
	97	Won't say	
Q192	NUMBER OF CHILDREN AT HOME		254
	Measurement Level: Ordinal		
	Print Format: F2		
	Write Format: F2		
	Value	Label	
	97	Won't say	
	99	Not asked	
Q193	HIGHEST LEVEL OF EDUCATION ATTAINED		255
	Measurement Level: Ordinal		
	Print Format: F2		
	Write Format: F2		
	Value	Label	
	0	Grade 6 or less	
	1	Grade 7 through 9	

- 2 Grade 10 or 11
- 3 High school diploma/GED
- 4 Vocational lt 2 yrs.
- 5 Associate (AA,AS)
- 6 Baccalaureate (BA,BS)
- 7 Masters (MA,MS)
- 8 Doctorate (Ph.D.,Ed.D.)
- 9 Professional (medical,dental,legal)

Q195

FIELD OF COLLEGE DEGREE
Measurement Level: Ordinal
Print Format: F3
Write Format: F3

256

Value	Label
1	Accounting
2	Advertising
3	Agriculture
4	Allied Health
5	Anthropology
6	Architecture
7	Art
8	Biology
9	Business Adminis
10	Business Educati
11	Chemistry
12	Communications
13	Comm Disorders
14	Computer Science
15	Dentistry
16	Education
17	Economics
18	Engineering
19	English
20	Finance
21	Foreign Language
22	Forestry
23	Geography
24	Geology
25	History
26	Home Economics
27	Industry & Techn
28	Journalism
29	Law
30	Law Enforcement
31	Library Science
32	Marketing
33	Mathematics
34	Medicine
35	Music
36	Nursing
37	Optometry
38	Pharmacy
39	Philosophy
40	Physical Educati
41	Physics

42	Psychology
43	Political Scienc
44	Sociology
45	Special Educatio
46	Theatre Arts
47	Theology
48	Veterinary Medic
49	Liberal Arts
50	Other
51	General Sciences
52	Social Work
97	Won't say
98	Don't know/Uncod
99	No College Degre

Q195TXT	FIELD OF COLLEGE DEGREE VERBATIM RESPONSE	257
	Measurement Level: Nominal	
	Print Format: A89	
	Write Format: A89	
	NOTE: Blanks are present for missing values.	

Q196	NUMBER OF COLLEGE SCIENCE COURSES	269
	Measurement Level: Ordinal	
	Print Format: F2	
	Write Format: F2	

Value	Label
-------	-------

97	Won't say
98	Don't know
99	Not asked

Q197	HIGHEST LEVEL MATH IN HS	270
	Measurement Level: Ordinal	
	Print Format: F2	
	Write Format: F2	

Value	Label
-------	-------

0	No math in HS
1	General math/bus/vocational math
2	Pre-algebra
3	One year of algebra
4	Two years of algebra
5	Geometry (plane/solid)
6	Trig/linear program
7	Pre-calculus
8	Calculus
9	Statistics/probability
10	Other
97	Won't say
98	Don't know
99	Not asked

Q199	TOOK HS BIOLOGY COURSE	271
	Measurement Level: Ordinal	

Print Format: F1
Write Format: F1

Value	Label
1	Yes
2	No
7	Won't say
8	Don't know
9	Not asked

Q200 TOOK HS CHEMISTRY COURSE 272
Measurement Level: Ordinal
Print Format: F1
Write Format: F1

Value	Label
1	Yes
2	No
7	Won't say
8	Don't know
9	Not asked

Q201 TOOK HS PHYSICS COURSE 273
Measurement Level: Ordinal
Print Format: F1
Write Format: F1

Value	Label
1	Yes
2	No
7	Won't say
8	Don't know
9	Not asked

Q202 RESPONDENT CURRENTLY IN SCHOOL 274
Measurement Level: Ordinal
Print Format: F1
Write Format: F1

Value	Label
1	Yes
2	No
7	Won't say
8	Don't know
9	Not asked

Q203 EDUC PROGRAM ENROLLED CURRENTLY 275
Measurement Level: Ordinal
Print Format: F2
Write Format: F2

	<table><tr><td>Value</td><td>Label</td></tr><tr><td>1</td><td>High school diploma/GED</td></tr><tr><td>2</td><td>Voc/Tec Prog/Certificate</td></tr><tr><td>3</td><td>Associate Degree</td></tr><tr><td>4</td><td>Academic subject, no degree</td></tr><tr><td>5</td><td>Bachelors</td></tr><tr><td>6</td><td>Masters</td></tr><tr><td>7</td><td>PhD/MD/JD</td></tr><tr><td>8</td><td>Personal Enjoyment</td></tr><tr><td>9</td><td>Other</td></tr><tr><td>97</td><td>Won't say</td></tr><tr><td>98</td><td>Don't know</td></tr><tr><td>99</td><td>Not asked</td></tr></table>	Value	Label	1	High school diploma/GED	2	Voc/Tec Prog/Certificate	3	Associate Degree	4	Academic subject, no degree	5	Bachelors	6	Masters	7	PhD/MD/JD	8	Personal Enjoyment	9	Other	97	Won't say	98	Don't know	99	Not asked	
Value	Label																											
1	High school diploma/GED																											
2	Voc/Tec Prog/Certificate																											
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8	Personal Enjoyment																											
9	Other																											
97	Won't say																											
98	Don't know																											
99	Not asked																											
Q204	EMPLOYMENT STATUS Measurement Level: Ordinal Print Format: F2 Write Format: F2	276																										
	<table><tr><td>Value</td><td>Label</td></tr><tr><td>1</td><td>Working full-time</td></tr><tr><td>2</td><td>Working part-time</td></tr><tr><td>3</td><td>Has job, on vacation</td></tr><tr><td>4</td><td>Retired</td></tr><tr><td>5</td><td>Unemployed/laid off/looking for work</td></tr><tr><td>6</td><td>In school (full-time)</td></tr><tr><td>7</td><td>Keeping house</td></tr><tr><td>8</td><td>Other/disabled/not looking for work</td></tr><tr><td>97</td><td>Won't say</td></tr><tr><td>98</td><td>Don't know</td></tr><tr><td>99</td><td>Not asked</td></tr></table>	Value	Label	1	Working full-time	2	Working part-time	3	Has job, on vacation	4	Retired	5	Unemployed/laid off/looking for work	6	In school (full-time)	7	Keeping house	8	Other/disabled/not looking for work	97	Won't say	98	Don't know	99	Not asked			
Value	Label																											
1	Working full-time																											
2	Working part-time																											
3	Has job, on vacation																											
4	Retired																											
5	Unemployed/laid off/looking for work																											
6	In school (full-time)																											
7	Keeping house																											
8	Other/disabled/not looking for work																											
97	Won't say																											
98	Don't know																											
99	Not asked																											
Q205	OCCUPATION CODED USING 1970 CENSUS CATEGORIES Measurement Level: Scale Print Format: F3 Write Format: F3	277																										
NOTE: Value labels are not assigned to q205, but the meanings of codes assigned are available in Appendix A.																												
Q205TXT	OCCUPATION VERBATIM RESPONSE Measurement Level: Nominal Print Format: A89 Write Format: A89 NOTE: Blanks are present for missing values.	278																										
Q206	R EMPLOYED GOVT,PRIVATE,SELF EMPLOYED Measurement Level: Ordinal Print Format: F1 Write Format: F1	290																										

	Value	Label	
	1	A unit of government	
	2	A private corporation	
	3	Self-employed	
	4	other	
	7	Won't say	
	8	Don't know	
	9	Not asked	
Q207	S & T RESEARCH CONDUCTED BY WORK UNIT		291
	Measurement Level: Ordinal		
	Print Format: F1		
	Write Format: F1		
	Value	Label	
	1	Yes	
	2	No	
	7	Won't say	
	8	Don't know	
	9	Not asked	
Q208	COMPUTER USED AT WORK		292
	Measurement Level: Ordinal		
	Print Format: F1		
	Write Format: F1		
	Value	Label	
	1	Yes	
	2	No	
	7	Won't say	
	8	Don't know	
	9	Not asked	
Q209	PET OWNERSHIP		293
	Measurement Level: Ordinal		
	Print Format: F1		
	Write Format: F1		
	Value	Label	
	1	Yes	
	2	No	
	7	Won't say	
	8	Don't know	
	9	Not asked	
Q210	PRIMARY LANGUAGE AT HOME		294
	Measurement Level: Ordinal		
	Print Format: F1		
	Write Format: F1		

	Value Label 1 English 2 Spanish 3 Vietnamese 4 Chinese 5 Japanese 6 Polish 7 Other 97 Won't say 98 Don't know 99 Not asked	
Q211	HOUSEHOLD OWNERSHIP OF PCS Measurement Level: Ordinal Print Format: F1 Write Format: F1 Value Label 1 Yes 2 No 7 Won't say 8 Don't know 9 Not asked	295
Q212	ACCESS WWW THROUGH HOME COMPUTER Measurement Level: Ordinal Print Format: F1 Write Format: F1 Value Label 1 Yes 2 No 7 Won't say 8 Don't know 9 Not asked	296
Q213	HOURS/MONTH AT HOME ON WWW Measurement Level: Ordinal Print Format: F3 Write Format: F3 Value Label 998 Don't know 999 Not asked	297
Q216	GET HEALTH/MEDICAL INFO FROM WWW OR BROWSE Measurement Level: Ordinal Print Format: F1 Write Format: F1	298

	Value	Label	
	1	Yes	
	2	No	
	7	Won't say	
	8	Don't know	
	9	Not asked	
Q219	R SMOKES		299
	Measurement Level: Ordinal		
	Print Format: F1		
	Write Format: F1		
	Value	Label	
	1	Yes	
	2	No	
	7	Won't say	
	8	Don't know	
	9	Not asked	
Q220	NO OF CIGS ETC SMOKED/DAY		300
	Measurement Level: Ordinal		
	Print Format: F3		
	Write Format: F3		
	Value	Label	
	997	Won't say	
	998	Don't know	
	999	Not asked	
Q222	COMMUNITY TYPE		301
	Measurement Level: Ordinal		
	Print Format: F1		
	Write Format: F1		
	Value	Label	
	1	City, town, or village	
	2	Unincorporated area	
	7	Won't say	
	8	Don't know	
	9	Not asked	
Q226	RESPONDENT YEAR OF BIRTH		302
	Measurement Level: Ordinal		
	Print Format: F4		
	Write Format: F4		
	Value	Label	
	9997	Won't say	

GENDER RESPONDENT GENDER
Measurement Level: Ordinal
Print Format: F1
Write Format: F1

303

Value	Label
1	Male
2	Female

APPENDIX A
Occupational Codes Assigned

Coding Categories:

PROFESSIONAL, TECHNICAL, AND KINDRED WORKERS

001 accountants (includes: CPA, auditor, revenue auditor, tax preparation)
002 architects
003 computer programmers (includes: writing software, computer programmer analyst, design software)
004 computer systems analysts (includes: computer analyst, systems engineer)
005 computer specialists, n.e.c. (includes: video game programmer, computer scientist, computer consultant, software engineer)
006 aeronautical and astronautical engineers (includes: engineer NASA, engineer aerospace)
010 chemical engineers
011 civil engineers
012 electrical and electronic engineers
013 industrial engineers (includes: manufacturing engineer)
014 mechanical engineers (includes: motor design engineer)
015 metallurgical and materials engineers
020 mining engineers
021 petroleum engineers
022 sales engineers (includes: customer engineer,
023 engineers, n.e.c. (includes: engineer, computer engineer)
024 farm management advisors
025 foresters and conservationists (includes: environmentalist, ranger, naturalist, water resource caretaker, trapper, game warden, environmental consulting)
026 home management advisors
030 judges
031 lawyers (includes: attorney, law, trial lawyer)
032 librarians (includes: reference librarian, school librarian)
033 archivists and curators
034 actuaries
035 mathematicians
036 statisticians
042 agricultural scientists (includes: agronomist)
043 atmospheric and space scientists (includes: meteorologist, weather person, weatherman)
044 biological scientists (includes: zoologist, biological researcher, herpetologist)
045 chemists (includes: biochemist, analytical chemist, research chemist)
051 geologists (includes: geoscientist, hydrogeologist)
052 marine scientists (includes: marine biologist, marine zoologist, oceanographer)
053 physicists and astronomers (includes: nuclear physicist, nuclear scientist)
054 life and physical scientists, n.e.c. (includes: scientist, archeologist, scientist, ichthyologist, oceanographer, paleontologist, pathologist, field scientist, ecologist)
055 operations and systems researchers and analysts (includes: material control analyst)
056 personnel and labor relations workers (includes: head hunter, human resource manager, employee trainer, personnel director, personnel administrator)
061 chiropractors
062 dentists (includes: orthodontist)
063 optometrists
064 pharmacists

065 physicians, medical and osteopathic (includes: doctor, neurologist, psychiatrist, pediatrician, surgeon, ophthalmologist, anesthesiologist)
 071 podiatrists
 072 veterinarians
 073 health practitioners, n.e.c. (includes: paramedic, physician's assistant, medical assistant, veterinarian's assistant, paramedic, surgical assistant, licensed midwife, exercise physiologist)
 074 dietitians (includes: nutritionist)
 075 registered nurses (includes: nurse, family nurse practitioner)
 076 therapists (includes: physical therapist)
 080 clinical laboratory technologists and technicians
 081 dental hygienists
 082 health record technologists and technicians
 083 radiologic technologists and technicians (includes: x-ray technologist)
 084 therapy assistants (includes: massage therapist)
 085 health technologists and technicians, n.e.c. (includes: medical technologist, emergency room technician, veterinary technician, audiologist, pharmacy technician)
 086 clergymen (includes: pastor, minister, priest, rabbi)
 090 religious workers, n.e.c. (includes: missionary, nun)
 091 economists
 092 political scientists
 093 psychologists (includes: psychoanalyst)
 094 sociologists
 095 urban and regional planners (includes: transportation planner)
 096 social scientists, n.e.c. (includes: anthropologist, historian)
 100 social workers (includes: counselor, advocate for disabled, peace corp, case manager human services)
 101 recreation workers (includes: cruise director, travel agent, tour guide, scuba diver instructor, recreation coordinator, coach)
 102 Univ. agriculture teachers
 103 Univ. atmospheric, earth, marine, and space teachers
 104 Univ. biology teachers
 105 Univ. chemistry teachers
 110 Univ. physics teachers
 111 Univ. engineering teachers
 112 Univ. mathematics teachers
 113 Univ. health specialties teachers
 114 Univ. psychology teachers
 115 Univ. business and commerce teachers
 116 Univ. economics teachers
 120 Univ. history teachers
 121 Univ. sociology teachers
 122 Univ. social science teachers, n.e.c.
 123 Univ. art, drama, and music teachers
 124 Univ. coaches and physical education teachers
 125 Univ. education teachers
 126 Univ. english teachers
 130 Univ. foreign language teachers
 131 Univ. home economics teachers
 132 Univ. law teachers
 133 Univ. theology teachers
 134 Univ. trade, industrial and technical teachers
 135 miscellaneous teachers, college and university
 140 teachers, college and university, subject not specified
 141 adult education teachers

142 elementary school teachers (includes: middle school teachers, grade school teacher)
 143 prekindergarten and kindergarten teachers (includes: pre-school teacher, nursery school teacher, Head Start teacher)
 144 secondary school teachers (includes: teacher with subject area but unspecified level)
 145 teachers, except college and university, n.e.c. (includes: teacher, substitute teacher, special education teacher, instructor)
 150 agriculture and biological technicians, except health
 151 chemical technicians
 152 draftsmen (includes: mechanical drawing, cartographer, map maker)
 153 electrical and electronic engineering technicians (includes: computer technicians)
 154 industrial engineering technicians
 155 mechanical engineering technicians
 156 mathematical technicians
 161 surveyors
 162 engineering and science technicians, n.e.c. (includes: inventor)
 163 airplane pilots (includes: helicopter pilot, aviator, co-pilot, military pilot)
 164 air traffic controllers
 165 embalmers
 170 flight engineers
 171 radio operators
 172 tool programmers, numerical control (includes: inventory control)
 173 technicians, n.e.c. (includes: robot technician, machine technician, frame technician, alarm technician; laboratory technician)
 174 vocational and educational counselors (includes: guidance counselor, placement for high school kids and older, career counselor)
 175 actors (includes: stuntman, actress)
 180 athletes and kindred workers (includes: auto racer, pool player, professional coach, referee, athletic trainer, snow board instructor)
 181 authors (includes: novelist)
 182 dancers (includes: ballerina)
 183 designers (includes: fashion designer, interior designer, fashion consultant; design consultant)
 184 editors and reporters (includes: newspaper journalist, news editor, feature editor, movie critic, copy writer, sports writer)
 185 musicians and composers (includes: singer, vocalist, chorus, play a trumpet)
 190 painters and sculptors
 191 photographers (includes: camera man, portrait studio)
 192 public relations men and publicity writers
 193 radio and television announcers (includes: broadcasters, newscaster, television or radio host, disc jockey, dj, commentator)
 194 writers, artists and entertainers, n.e.c. (includes: model, record producer, cartoonist, commercial artist, special effects director, publisher, film director, comedian, choreographer, illustrator, technical writer, commercial illustrator, free lance writer, grip for motion pictures, graphic artist, art director)
 195 research workers, not specified (includes: scientific researcher, explorer, research specialist, research assistant)
 196 professional, technical, and kindred workers-allocated (includes: translator, linguist, interpreter, foreign relations expert, management consultant)

MANAGERS AND ADMINISTRATORS, EXCEPT FARM

- 201 assessors, controllers, and treasurers; local public administration
(includes: zone manager, mayor, coroner, local tax collector)
- 202 bank officers and financial managers (includes: tax consultant, financial
consultant, investment banking, loan administrator, loan processor, auditor
in bank, banker)
- 203 buyers and shippers, farm products (includes: produce buyer, distribute
fruits and vegetables)
- 205 buyers, wholesale and retail trade
- 210 credit men
- 211 funeral directors
- 212 health administrators
- 213 construction inspectors, public administration
- 215 inspectors, except construction, public administration (includes: testers,
fire inspector, meat inspector,)
- 216 managers and superintendents, building (includes: hotel management)
- 220 office managers, n.e.c. (includes: office manager)
- 221 officers, pilots and pursers; ship
- 222 officials and administrators; public administration, n.e.c. (includes:
political party members, government official, member of congress, diplomat,
ambassador)
- 223 officials of lodges, societies and unions (includes: union representative)
- 224 postmasters and mail superintendents
- 225 purchasing agents and buyers, n.e.c. (includes: purchasing, fashion buyer,
merchandiser, media buyer)
- 226 railroad conductors
- 230 restaurant, cafeteria, and bar managers (includes: kitchen manager,
cafeteria manager, manager of school kitchen)
- 231 sales managers and department heads, retail trade (includes: assistant
manager store, management retail)
- 233 sales managers, except retail trade
- 235 school administrators, college (includes: admissions counselor at college,
university administration)
- 240 school administrators, elementary and secondary (includes: educator, board
of education, school board member, superintendent, principal)
- 245 managers and administrators, n.e.c. (includes: owner of business,
entrepreneur, self-employed, business person, contractor, executive,
builder, vice president of business, general contractor)
- 246 managers and administrators, except farm-allocated (parts manager at
dealership, management consultant, supervisor)

SALES WORKERS

- 260 advertising agents and salesmen (includes: telemarketing, account executive,
advertisement, marketing, marketing and sales, retail marketer)
- 261 auctioneers
- 262 demonstrators
- 264 hucksters and peddlers (includes: drug dealer)
- 265 insurance agents, brokers, and underwriters (includes: insurance sales,
risk manager insurance)
- 266 newsboys (includes: deliver papers, news paper distributor)
- 270 real estate agents and brokers (includes: sell real estate, realtor)
- 271 stock and bond salesmen (includes: stock broker)
- 280 salesmen and sales clerks, n.e.c. (respondent gives specific type of sales
that does not fit into one of the other sales categories such as sell
heating ventilation parts, sell automotive and farming parts)

281 sales representatives, manufacturing industries
282 sales representatives, wholesale trade
283 sales clerks, retail trade (includes: retail clerk, sales clerk)
284 salesmen, retail trade (includes: salesman, sales person, sales girl, sales, vendor)
285 salesmen of services and construction
296 sales workers-allocated

CLERICAL AND KINDRED WORKERS

301 bank tellers
303 billing clerks (includes: billing service, I do the billing, accounts receivable/payable)
305 bookkeepers
310 cashiers (includes: register work)
311 clerical assistants, social welfare
312 clerical supervisors, n.e.c.
313 collectors, bill and account (includes: collections)
314 counter clerks, except food
315 dispatchers and starters, vehicle
320 enumerators and interviewers
321 estimators and investigators, n.e.c.
323 expeditors and production controllers
325 file clerks (records clerk)
326 insurance adjusters, examiners, and investigators (includes: actuary)
330 library attendants and assistants (includes: library assistant, library)
331 mail carriers, post office (includes: mail carrier, letter carrier)
332 mail handlers, except post office
333 messengers and office boys
334 meter readers, utilities
341 bookkeeping and billing machine operators
342 calculating machine operators
343 computer and peripheral equipment operators (includes: data processor, word processor, computer technician, computer operator, work in computer room)
344 duplicating machine operators
345 keypunch operators
350 tabulating machine operators
355 office machine operators, n.e.c.
360 payroll and timekeeping clerks
361 postal clerks
362 proofreaders
363 real estate appraisers (includes: appraiser)
364 receptionists
370 secretaries, legal (includes: paralegal)
371 secretaries, medical
372 secretaries, n.e.c. (includes: secretary, secretarial, administrative assistant)
374 shipping and receiving clerks
375 statistical clerks
376 stenographers (includes: court reporter)
381 stock clerks and storekeepers (includes: inventory in store, grocery store produce department, stock guy in grocery store)
382 teacher aides, except school monitors (includes: para-educator in grade school)
383 telegraph messengers
384 telegraph operators

385 telephone operators
390 ticket agent, and express agents (includes: promoter)
391 typists
392 weighers
394 miscellaneous clerical workers (includes: customer service representative)
395 not specified clerical workers (includes: clerical, office worker, clerk)
396 clerical and kindred workers-allocated

CRAFTSMEN AND KINDRED WORKERS

401 automobile accessories installers
402 bakers
403 blacksmiths
404 boilermakers
405 bookbinders
410 brick masons and stone masons
411 brick masons and stone masons, apprentices
412 bulldozer operators
413 cabinetmakers
415 carpenters
416 carpenter apprentices
420 carpet installers
421 cement and concrete finishers
422 compositors and typesetters
423 printing trades apprentices, except pressmen
424 cranemen, derrickmen, and hoistmen
425 decorators and window dressers (includes: interior decorator)
426 dental laboratory technicians
430 electricians
431 electrician apprentices
433 electric power linemen and cable men
434 electrotypers and stereotypers
435 engravers, except photoengravers
436 excavating, grading, and road machine operators; except bulldozer
440 floor layers, except tile setters
441 foremen, n.e.c.
442 forgemen and hammermen
443 furniture and wood finishers
444 furriers
445 glaziers
446 heat treaters, annealers, and temperers
450 inspectors, scalers, and graders; log and lumber
452 inspectors, n.e.c.
453 jewelers and watchmakers
454 job and die setters, metal
455 locomotive engineers
456 locomotive firemen
461 machinists
462 machinist apprentices
470 air conditioning, heating and refrigeration mechanics and repairmen
471 aircraft mechanics and repairmen
472 automobile body repairmen
473 automobile mechanics
474 automobile mechanic apprentices
475 data processing machine repairmen (includes: computer repair)
480 farm implement mechanics and repairmen
481 heavy equipment mechanics, including diesel

482 household appliance and accessory installers and mechanics
483 loom fixers
484 office machine repairmen and mechanics
485 radio and television repairmen and mechanics
486 railroad and car shop repairmen and mechanics
491 mechanic, except auto-apprentices
492 miscellaneous mechanics and repairmen
495 not specified mechanics and repairmen (includes: mechanic)
501 millers; grain, flour and feed
502 millwrights
503 molders, metal
504 molder apprentices
505 motion picture projectionists
506 opticians, and lens grinders and polishers
510 painters, construction and maintenance
511 painter apprentices
512 paperhangers
514 pattern and model makers, except paper
515 photoengravers and lithographers
516 piano and organ tuners and repairmen
520 plasterers
521 plasterer apprentices
522 plumbers and pipe fitters
523 plumber and pipe fitter apprentices
525 power station operators
530 pressmen and plate printers, printing
531 pressmen apprentices
533 rollers and finishers, metal
534 roofers and slaters
535 sheet metal workers and tinsmiths
536 sheet metal apprentices
540 ship fitters
542 shoe repairmen
543 sign painters and letterers
545 stationary engineers
546 stone cutters and stone carvers
550 structural metal craftsmen (includes: gold smith)
551 tailors (includes: seamstress)
552 telephone installers and repairmen
554 telephone linemen and splicers
560 tile setters
561 tool and die makers
562 tool and die maker apprentices
563 upholsterers
571 specified craft apprentices, n.e.c.
572 not specified apprentices
575 craftsmen and kindred workers, n.e.c. (includes: florist, taxidermist, locksmith)
580 former members of the armed forces
581 military (includes: soldier, infantry)
586 craftsmen and kindred workers-allocated (includes: pest control)

OPERATIVES, EXCEPT TRANSPORT

601 asbestos and insulation workers
602 assemblers (includes: maker of cars)
603 blasters and powder men (includes: explosives expert)

604 bottling and canning operatives
605 chainmen, rodmen, and ax men; surveying
610 checkers, examiners, and inspectors; manufacturing
611 clothing ironers and pressers
612 cutting operatives, n.e.c.
613 dressmakers and seamstresses, except factory
614 drillers, earth
615 dry wall installers and lathers
620 dyers
621 filers, polishers, sanders and buffers
622 furnacemen, smeltermen and pourers
623 garage workers and gas station attendants
624 graders and sorters, manufacturing
625 produce graders and packers, except factory and farm
626 heaters, metal
630 laundry and dry cleaning operatives, n.e.c.
631 meat cutters and butchers, except manufacturing
633 meat cutters and butchers, manufacturing
634 meat wrappers, retail trade
635 metal platers
636 milliners
640 mine operatives, n.e.c.
641 mixing operatives
642 oilers and greasers, except auto
643 packers and wrappers, except meat and produce
644 painters, manufactured articles
645 photographic process workers
650 drill press operatives
651 grinding machine operatives
652 lathe and milling machine operatives
653 precision machine operatives, n.e.c.
656 punch and stamping press operatives
660 riveters and fasteners
661 sailors and deckhands
662 sawyers
663 sewers and stitchers
664 shoe making machine operatives
665 solderers
666 stationary firemen
670 carding, lapping and combing operatives
671 knitters, loopers and toppers
672 spinners, twistors, and winders
673 weavers
674 textile operatives, n.e.c.
680 welders and flame-cutters
681 winding operatives, n.e.c.
690 machine operatives, miscellaneous specified (includes: vulcanizer)
692 machine operatives, miscellaneous not specified
694 miscellaneous operatives
695 not specified operatives (includes: heavy equipment operator)
696 operatives, except transport-allocated

TRANSPORT EQUIPMENT OPERATIVES

701 boatmen and canalmen
703 bus drivers
704 conductors and motormen, urban rail transit

705 deliverymen and routemen
706 fork lift and tow motor operatives
710 motormen; mine, factory, logging camp, etc.
711 parking attendants
712 railroad brakemen
713 railroad switchmen
714 taxicab drivers and chauffeurs
715 truck drivers
726 transport equipment operatives-allocated

LABORERS, EXCEPT FARM

740 animal caretakers, except farm (includes: zookeeper, dog-catcher, kennel operator, animal trainer, train horses, horse shoer, pet grooming business)
750 carpenters helpers
751 construction laborers, except carpenters helpers (includes: builder, construction, remodeling)
752 fishermen and oystermen
753 freight and material handlers
754 garbage collectors
755 gardeners and groundskeepers, except farm (includes: landscaper, nursery worker, lawn mower)
760 longshoremen and stevedores
761 lumbermen, raftsmen, and woodchoppers
762 stock handlers
763 teamsters
764 vehicle washers and equipment cleaners
770 warehousemen, n.e.c.
780 miscellaneous laborers (includes: ditch digger)
785 not specified laborers (includes: factory worker, laborer, utility person in factory, production worker, factory)
796 laborers, except farm-allocated

FARMERS AND FARM MANAGERS

801 farmers (owners and tenants) (includes: orchard grower, farming, dairy farmer)
802 farm managers
806 farmers and farm managers-allocated

FARM LABORERS AND FARM FOREMEN

821 farm foremen
822 farm laborers, wage workers
823 farm laborers, unpaid family workers
824 farm service laborers, self-employed
846 farm laborers and farm foremen-allocated (includes: cowboy, rancher, ranch hand)

SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLD

901 chambermaids and maids, except private household
902 cleaners and charwomen
903 janitors and sextons (includes: custodian, maintenance worker, maintenance, janitorial work, maintenance engineer, maintenance mechanic)
910 bartenders
911 busboys (includes: bus tables)

912 cooks, except private household (includes: chef, prep cook, cooking, cater)
913 dishwashers
914 food counter and fountain workers (includes: fast food)
915 waiters and waitresses (includes: hostess)
916 food service workers, n.e.c., except private household (includes: work in a deli, work in a restaurant, kitchen and salad bar, food service, street food vendor)
921 dental assistants
922 health aides, except nursing
923 health trainees
924 lay midwives
925 nursing aides, orderlies, and attendants (includes nurses assistant, nurses aid, certified nurses assistant, CNA)
926 practical nurses (includes: LPN, licensed practical nurse)

PERSONAL SERVICE WORKERS

931 airline stewardesses (includes: flight attendant)
932 attendants, recreation and amusement
933 attendants, personal service, n.e.c. (includes: airline passenger service)
934 baggage porters and bellhops
935 barbers
940 boarding and lodging house keepers
941 bootblacks
942 child care workers, except private household (includes: day care worker, day care, child care)
943 elevator operators
944 hairdressers and cosmetologists (includes: beautician, manicurist, makeup artist, nail technician)
945 personal service apprentices
950 housekeepers, except private household
952 school monitors
953 ushers, recreation and amusement
954 welfare service aides (assistant welfare worker)

PROTECTIVE SERVICE WORKERS

960 crossing guards and bridge tenders
961 firemen, fire protection
962 guards and watchmen (includes: security guard)
963 marshals and constables
964 policemen and detectives (includes: law officer, private investigator, agents of the law, drug enforcement, police, cop)
965 sheriffs and bailiffs (includes: deputy sheriff)
976 service workers, except private household-allocated (includes: parole officer, probation officer, correction officer)

PRIVATE HOUSEHOLD WORKERS

980 child care workers, private household (includes: nanny, baby-sitter)
981 cooks, private household
982 housekeepers, private household (includes: housekeeping)
983 laundresses, private household
984 maids and servants, private household (includes: domestic worker)
986 private household workers-allocated

RESERVED CODES

- 988 housewife/homemaker (male or female) (includes: mother, father, wife, husband)
- 995 firm name, other uncodeable (includes: communications)
- 996 unemployed (includes: travel, college, school, volunteers, never worked)
- 997 retired
- 998 blank (includes: I would rather not answer, nothing)

1997-98 United States Study of Public Attitudes Toward and Understanding of Biotechnology

Hello, my name is _____. I'm calling long distance for the Chicago Academy of Sciences. We are conducting a national survey of people's opinions about some current issues in the news, and your telephone number has been selected. Have you ever been interviewed for a national opinion survey before? WAIT FOR RESPONSE.

(LISTED SAMPLE ONLY SAY: Do you recall receiving a letter in the past few days from the Chicago Academy of Sciences describing this study?)

We are interested in learning more about the attitudes of citizens on several important issues and we have no products to sell. We would like to talk to one person in this household. We will treat your answers with strict confidence.

Now, I would like to speak to the person aged 18 or over who had the most recent birthday. What is that person's first name? ENTER NAME.

May I speak to NAME? IF NAME IS NOT AVAILABLE, ASK: What would be the best time to call back and reach [NAME]? AND MAKE AN APPOINTMENT.

IF R HAS NOT HEARD INTRODUCTION: Hello, my name is _____. I'm calling long distance for the Chicago Academy of Sciences. We are conducting a national survey of people's opinions about some current issues in the news, and your telephone number has been selected. We are interested in learning more about the attitudes of citizens on several important issues and we have no products to sell. Have you ever been interviewed for a national opinion survey before? WAIT FOR RESPONSE.

We will treat your answers with strict confidence. This interview will take between 15 and 25 minutes, depending largely on your answers. May we begin now? MAKE APPOINTMENT IF NECESSARY.

Question: 6

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? (B93, S97)

- 1> very interested
- 2> moderately interested
- 3> not at all interested

Question: 7

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. First, agricultural and farm issues. Are you very interested, moderately interested, or not at all interested?

- 1> very interested
- 2> moderately interested
- 3> not at all interested

Question: 8

Economic issues and business conditions. Are you very interested, moderately interested, or not at all interested?

- 1> very interested
- 2> moderately interested
- 3> not at all interested

Question: 9

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

- 1> very interested
- 2> moderately interested
- 3> not at all interested

Question: 10

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

- 1> very interested
- 2> moderately interested
- 3> not at all interested

Question: 11

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

- 1> very interested
- 2> moderately interested
- 3> not at all interested

Question: 12

Issues about environmental pollution. Are you very interested, moderately interested, or not at all interested?

- 1> very interested
- 2> moderately interested
- 3> not at all interested

Question: 13

Issues about the quality and cost of health care services. Are you very interested, moderately interested, or not at all interested?

- 1> very interested
- 2> moderately interested
- 3> not at all interested

Question: 14

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. First, agricultural and farm issues. Are you very well informed, moderately well informed, or poorly informed?

1> very well informed

2> moderately well informed

3> poorly informed

Question: 15

Economic issues and business conditions. Are you very well informed, moderately well informed, or poorly informed?

1> very well informed

2> moderately well informed

3> poorly informed

Question: 16

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

1> very well informed

2> moderately well informed

3> poorly informed

Question: 17

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

1> very well informed

2> moderately well informed

3> poorly informed

Question: 18

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

1> very well informed

2> moderately well informed

3> poorly informed

Question: 19

Issues about environmental pollution. Are you very well informed, moderately well informed, or poorly informed?

1> very well informed

2> moderately well informed

3> poorly informed

Question: 20

Issues about the quality and cost of health care services. Are you very well informed, moderately well informed, or poorly informed?

1> very well informed

2> moderately well informed

3> poorly informed

Question: 21

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? IF THE RESPONDENT ASKS IF IT COUNTS IF THEY READ THE NEWSPAPER ON THE WEB, SAY "YES"

1> every day

2> a few times a week

3> once a week

4> less than once a week (ENTER IF R SAYS THEY NEVER READ THE NEWSPAPER)

Question: 22

Are there any magazines that you read regularly, that is, most of the time? What magazine would that be? ENTER MAGAZINE NAME. IF THE RESPONDENT ASKS IF IT COUNTS IF THEY READ A MAGAZINE ON THE WEB, SAY "YES."

Question: 23

IF R NAMED A MAGAZINE ON THE PREVIOUS SCREEN, ASK: Is there another magazine that you read regularly? What magazine would that be? ENTER MAGAZINE NAME. IF THE RESPONDENT ASKS IF IT COUNTS IF THEY READ A MAGAZINE ON THE WEB, SAY "YES."

Question: 24

IF R NAMED A MAGAZINE ON THE PREVIOUS SCREEN, ASK: Is there another magazine that you read regularly? What magazine would that be? ENTER MAGAZINE NAME. IF THE RESPONDENT ASKS IF IT COUNTS IF THEY READ A MAGAZINE ON THE WEB, SAY "YES."

Question: 25

Are there any health or science magazines that you read regularly, that is most of the time? What magazine would that be? ENTER MAGAZINE NAME. IF THE RESPONDENT ASKS IF IT COUNTS IF THEY READ A MAGAZINE ON THE WEB, SAY "YES." IF A RESPONDENT SAYS "I JUST TOLD YOU A HEALTH OR SCIENCE MAGAZINE" JUST TYPE IN "SEE EARLIER RESPONSE" AND GO TO THE NEXT QUESTION.

Question: 26

IF R NAMED A MAGAZINE ON THE PREVIOUS SCREEN, ASK: Is there another health or science magazine that you read regularly? What magazine would that be? ENTER MAGAZINE NAME IF THE RESPONDENT ASKS IF IT COUNTS IF THEY READ A MAGAZINE ON THE WEB, SAY "YES."

Question: 27

IF R NAMED A MAGAZINE ON THE PREVIOUS SCREEN, ASK: Is there another health or science magazine that you read regularly? What magazine would that be? ENTER MAGAZINE NAME. IF THE RESPONDENT ASKS IF IT COUNTS IF THEY READ A MAGAZINE ON THE WEB, SAY "YES."

Question: 28

Do you subscribe to any health newsletters? IF YES: Which health newsletter is that? ENTER NEWSLETTER NAME.

Note: The verbatim responses to question 28 were not coded.

Question: 45

Now, let me ask you a different kind of question. Science and technology change the way we live. I am going to read out a list of areas in which new technologies are currently developing. For each of these areas, do you think it will improve our way of life in the next 20 years, it will have no effect, or it will make things worse? First, solar energy. Do you think solar energy will improve our way of life in the next 20 years, have no effect, or make things worse?

- 1> Improve our way of life
- 2> Have no effect
- 3> Make things worse

Question: 46

Do you think computers and information technology will improve our way of life in the next 20 years, have no effect, or make things worse?

- 1> Improve our way of life
- 2> Have no effect
- 3> Make things worse

There was a split ballot on question 47. Half of the sample was asked about “biotechnology,” while the other half was asked about “genetic engineering.” In the data file the variable q47a includes responses to the question about biotechnology, while the variable q47b includes responses to the question about genetic engineering.

Question: 47

Do you think biotechnology [genetic engineering] will improve our way of life in the next 20 years, have no effect, or make things worse?

- 1> Improve our way of life
- 2> Have no effect
- 3> Make things worse

Question: 48

Do you think telecommunications will improve our way of life in the next 20 years, have no effect, or make things worse?

- 1> Improve our way of life
- 2> Have no effect
- 3> Make things worse

Question: 49

Do you think space exploration will improve our way of life in the next 20 years, have no effect, or make things worse?

- 1> Improve our way of life
- 2> Have no effect
- 3> Make things worse

Question: 50

You've just indicated to what degree you think various new technologies will change the way we live. Now, I would like to ask you what comes to mind when you think about modern biotechnology in a broad sense, that is including genetic engineering. Before you answer, let me ask you if I might use my computer to record your exact answer, rather than having me try to type it as you speak. Since my typing is a lot slower than your speaking, this will allow me to capture your answer more accurately. It is all right to record this answer?

- 1> Yes [**activate Wave recording**]
- 2> No

Question: 51

Now, let me ask you again what comes to mind when you think about modern biotechnology in a broad sense, that is including genetic engineering. INTERVIEWER: PROMPT "ANYTHING ELSE?" AFTER EACH PHRASE; WRITE VERBATIMS IN FULL IF NOT RECORDING.

Note: The verbatim responses to question 51 are not available in the data file. Only the coded responses are included.

INTERVIEWER: AFTER COMPLETION OF RESPONSE TO Q51, TELL RESPONDENT: For the rest of this survey, we are using the term *modern biotechnology* in a broad sense to include genetic engineering.

Question: 52

Over the last three months, have you heard or read anything about issues involving modern biotechnology?

- 1> Yes
- 3> No

Question: 53 Ask if Q52=1

What did you hear or read about modern biotechnology? ENTER EXACT RESPONSE.

Note: only the coded responses to question 53 are available in the data file.

Question: 54 Ask if Q52=1

How did you come to know about this information? ENTER THE FIRST RESPONSE.

- 01 library
- 02 newspaper
- 03 magazine
- 04 book, other printed (includes encyclopedias)
- 05 television or radio
- 06 government agency
- 07 family member

- 08 friend or colleague
- 09 internet or World Wide Web
- 10 Computer CD-ROM
- 11 Computer in general
- 12 College or other school
- 13 Museum
- 14 Other

Question: 55 Ask if Q52=1

If you wanted to learn more about this topic, how would you get more information? ENTER THE FIRST RESPONSE.

- 01 library
- 02 newspaper
- 03 magazine
- 04 book, other printed (includes encyclopedias)
- 05 television or radio
- 06 government agency
- 07 family member
- 08 friend or colleague
- 09 internet or World Wide Web
- 10 Computer CD-ROM
- 11 Computer in general
- 12 College or other school
- 13 Museum
- 14 Other

Question: 56 Ask if didn't mention Dolly in above questions

Have you heard or read about the cloning of a sheep named Dolly in Scotland?

- 1> Yes
- 2> No

Question: 57

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. 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?

- 1> clear understanding
- 2> general sense
- 3> little understanding

Question: 58a Ask if Q57=1 or Q57=2

Now, I'm going to ask you to tell me, in your own words, what is **DNA**? Before you begin, I need to ask you if the computer can record your exact response to this question, and to similar questions that would require me to type your exact response. This recording will be used to allow our data editors to classify your response, and your confidentiality is assured. May I use my computer's digital recorder for this and similar open-ended responses?

1> Yes

2> No

Question: 58b [Use Wave recording if Q58a =1]

Now, please tell me, in your own words, what is **DNA**?

ENTER EXACT RESPONSE. DO NOT PROBE FOR ADDITIONAL INFORMATION

Note: The verbatim responses to question 58b are not available in the data file. Only the coded responses are included.

Question: 59

Next, when you read or hear the term **molecule**, do you have a clear understanding of what it means, a general sense of what it means, or little understanding of what it means?

1> clear understanding

2> general sense

3> little understanding

Question: 60a Ask if Q57=3 and (Q59 is 1 or 2)

Now, I'm going to ask you to tell me, in your own words, what is a molecule? Before you begin, I need to ask you if the computer can record your exact response to this question, and to similar questions that would require me to type your exact response. This recording will be used to allow our data editors to classify your response, and your confidentiality is assured. May I use my computer's digital recorder for this and similar open-ended responses?

1> Yes

2> No

Question: 60b Ask if Q59=1 or Q59=2 [Use Wave recording if Q58a=1 or Q60A=1]

Please tell me, in your own words, what is a **molecule**?

ENTER EXACT RESPONSE. DO NOT PROBE FOR ADDITIONAL INFORMATION.

Note: The verbatim responses to question 60b are not available in the data file. Only the coded responses are included.

Question: 68

Now I am going to read you a list of applications which may come out of modern biotechnology. For each one, please tell me whether you have heard of the application, then let me know whether you definitely agree, tend to agree, tend to disagree, or definitely disagree with the questions that follow. First, have you heard of using modern biotechnology in the production of food and drinks, for example, to make them higher in protein, keep longer, or taste better?

1> Yes

2> No

Question: 69

The use of modern biotechnology in the production of food and drinks is useful for society. Do you definitely agree, tend to agree, tend to disagree, or definitely disagree?

- 1> Definitely agree
- 2> Tend to agree
- 3> Tend to disagree
- 4> Definitely disagree

Question: 70

The use of modern biotechnology in the production of food and drinks is risky for society. Do you definitely agree, tend to agree, tend to disagree, or definitely disagree?

- 1> Definitely agree
- 2> Tend to agree
- 3> Tend to disagree
- 4> Definitely disagree

Question: 71

The use of modern biotechnology in the production of food and drinks is morally acceptable for society. Do you definitely agree, tend to agree, tend to disagree, or definitely disagree?

- 1> Definitely agree
- 2> Tend to agree
- 3> Tend to disagree
- 4> Definitely disagree

Question: 72

All in all, the use of modern biotechnology in the production of food and drinks should be encouraged. Do you definitely agree, tend to agree, tend to disagree, or definitely disagree?

- 1> Definitely agree
- 2> Tend to agree
- 3> Tend to disagree
- 4> Definitely disagree

Question: 73

Next, have you heard of using biotechnology to insert genes from one plant into a crop plant to make it more resistant to insect pests?

- 1> Yes
- 2> No

Question: 74

Using biotechnology to insert genes from one plant into a crop plant is useful for society. Do you definitely agree, tend to agree, tend to disagree, or definitely disagree?

- 1> Definitely agree
- 2> Tend to agree
- 3> Tend to disagree
- 4> Definitely disagree

Question: 75

Using biotechnology to insert genes from one plant into a crop plant is risky for society. Do you definitely agree, tend to agree, tend to disagree, or definitely disagree?

- 1> Definitely agree
- 2> Tend to agree
- 3> Tend to disagree
- 4> Definitely disagree

Question: 76

Using biotechnology to insert genes from one plant into a crop plant is morally acceptable for society. Do you definitely agree, tend to agree, tend to disagree, or definitely disagree?

- 1> Definitely agree
- 2> Tend to agree
- 3> Tend to disagree
- 4> Definitely disagree

Question: 77

All in all, using biotechnology to insert genes from one plant into a crop plant should be encouraged. Do you definitely agree, tend to agree, tend to disagree, or definitely disagree?

- 1> Definitely agree
- 2> Tend to agree
- 3> Tend to disagree
- 4> Definitely disagree

Question: 78

Next, have you heard of using biotechnology to introduce human genes into bacteria to produce medicines and vaccines, for example, the production of insulin for people with diabetes?

- 1> Yes
- 2> No

Question: 79

Using biotechnology to introduce human genes into bacteria to produce medicines and vaccines is useful for society. Do you definitely agree, tend to agree, tend to disagree, or definitely disagree?

- 1> Definitely agree
- 2> Tend to agree
- 3> Tend to disagree
- 4> Definitely disagree

Question: 80

Using biotechnology to introduce human genes into bacteria to produce medicines and vaccines is risky for society. Do you definitely agree, tend to agree, tend to disagree, or definitely disagree?

- 1> Definitely agree
- 2> Tend to agree
- 3> Tend to disagree
- 4> Definitely disagree

Question: 81

Using biotechnology to introduce human genes into bacteria to produce medicines and vaccines is morally acceptable for society. Do you definitely agree, tend to agree, tend to disagree, or definitely disagree?

- 1> Definitely agree
- 2> Tend to agree
- 3> Tend to disagree
- 4> Definitely disagree

Question: 82

All in all, using biotechnology to introduce human genes into bacteria to produce medicines and vaccines should be encouraged. Do you definitely agree, tend to agree, tend to disagree, or definitely disagree?

- 1> Definitely agree
- 2> Tend to agree
- 3> Tend to disagree
- 4> Definitely disagree

Question: 88

Next, have you heard of using biotechnology to introduce human genes into animals to produce organs for human transplants, such as pigs for human hearts?

- 1> Yes
- 2> No

Question: 89

Using biotechnology to introduce human genes into animals to produce organs for human transplants is useful for society. Do you definitely agree, tend to agree, tend to disagree, or definitely disagree?

- 1> Definitely agree
- 2> Tend to agree
- 3> Tend to disagree
- 4> Definitely disagree

Question: 90

Using biotechnology to introduce human genes into animals to produce organs for human transplants is risky for society. Do you definitely agree, tend to agree, tend to disagree, or definitely disagree?

- 1> Definitely agree
- 2> Tend to agree
- 3> Tend to disagree
- 4> Definitely disagree

Question: 91

Using biotechnology to introduce human genes into animals to produce organs for human transplants is morally acceptable for society. Do you definitely agree, tend to agree, tend to disagree, or definitely disagree?

- 1> Definitely agree
- 2> Tend to agree
- 3> Tend to disagree
- 4> Definitely disagree

Question: 92

All in all, using biotechnology to introduce human genes into animals to produce organs for human transplants should be encouraged. Do you definitely agree, tend to agree, tend to disagree, or definitely disagree?

- 1> Definitely agree
- 2> Tend to agree
- 3> Tend to disagree
- 4> Definitely disagree

Question: 93

Next, have you heard of using genetic testing to determine whether an unborn child has a genetic predisposition for a serious disease such as cystic fibrosis?

- 1> Yes
- 2> No

Question: 94

Using genetic testing to determine whether an unborn child has a genetic predisposition for a serious disease is useful for society. Do you definitely agree, tend to agree, tend to disagree, or definitely disagree?

- 1> Definitely agree
- 2> Tend to agree
- 3> Tend to disagree
- 4> Definitely disagree

Question: 95

Using genetic testing to determine whether an unborn child has a genetic predisposition for a serious disease is risky for society. Do you definitely agree, tend to agree, tend to disagree, or definitely disagree?

- 1> Definitely agree
- 2> Tend to agree
- 3> Tend to disagree
- 4> Definitely disagree

Question: 96

Using genetic testing to determine whether an unborn child has a genetic predisposition for a serious disease is morally acceptable for society. Do you definitely agree, tend to agree, tend to disagree, or definitely disagree?

- 1> Definitely agree
- 2> Tend to agree
- 3> Tend to disagree
- 4> Definitely disagree

Question: 97

All in all, using genetic testing to determine whether an unborn child has a genetic predisposition for a serious disease should be encouraged. Do you definitely agree, tend to agree, tend to disagree, or definitely disagree?

- 1> Definitely agree
- 2> Tend to agree
- 3> Tend to disagree
- 4> Definitely disagree

Question:103

Now I am going to read you a list of groups. For each of these groups, if they made a public statement about the safety of biotechnology, would you have a lot, some, or no trust in the statement about biotechnology. First, the American Medical Association. Would you have a lot of trust, some trust, or no trust in a statement made by the American Medical Association about biotechnology?

- 1> lot of trust
- 2> some trust
- 3> no trust

Question: 104

The federal Food and Drug Administration. Would you have a lot of trust, some trust, or no trust in a statement made by the Food and Drug Administration about biotechnology?

- 1> lot of trust
- 2> some trust
- 3> no trust

Question: 105

Scientists from a university. Would you have a lot of trust, some trust, or no trust in a statement made by scientists from a university in your own state about biotechnology?

- 1> lot of trust
- 2> some trust
- 3> no trust

Question: 106

Food manufacturers. Would you have a lot of trust, some trust, or no trust in a statement made by food manufacturers about biotechnology?

- 1> lot of trust
- 2> some trust
- 3> no trust

Question: 107

The National Institutes of Health. Would you have a lot of trust, some trust, or no trust in a statement made by the National Institutes of health about biotechnology?

- 1> lot of trust
- 2> some trust
- 3> no trust

Question: 108

Reporters on a television news show like 60 minutes. Would you have a lot of trust, some trust, or no trust in a statement made by reporters on a television news show like 60 minutes about biotechnology?

- 1> lot of trust
- 2> some trust
- 3> no trust

Question: 109

The U.S. Department of Agriculture. Would you have a lot of trust, some trust, or no trust in a statement made by the Department of Agriculture in your own state about biotechnology?

- 1> lot of trust
- 2> some trust
- 3> no trust

Question: 110

An article in Time or Newsweek. Would you have a lot of trust, some trust, or no trust in a statement made by an article in Time or Newsweek?

- 1> lot of trust
- 2> some trust
- 3> no trust

Question: 111

An article in Consumer Reports magazine. Would you have a lot of trust, some trust, or no trust in a statement made by an article in Consumer Reports magazine?

- 1> lot of trust
- 2> some trust
- 3> no trust

Question: 112

Now 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*. OK?

First, the interested and informed citizen can often have some influence on government policies toward science and technology if he or she is willing to make the effort. Do you strongly agree, agree, disagree, or strongly disagree?

- 1> strongly agree
- 2> agree
- 3> disagree
- 4> strongly disagree

Question: 113

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?

- 1> strongly agree
- 2> agree
- 3> disagree
- 4> strongly disagree

Question: 114

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?

- 1> strongly agree
- 2> agree
- 3> disagree
- 4> strongly disagree

Question: 115

Current regulations are sufficient to protect people from any risks linked to modern biotechnology. Do you strongly agree, agree, disagree, or strongly disagree?

- 1> strongly agree
- 2> agree
- 3> disagree
- 4> strongly disagree

Question: 116

Biotechnology will personally benefit people like me in the next five years. Do you strongly agree, agree, disagree, or strongly disagree?

- 1> strongly agree
- 2> agree
- 3> disagree
- 4> strongly disagree

Question: 117

My family and I have already benefited from biotechnology. Do you strongly agree, agree, disagree, or strongly disagree?

- 1> strongly agree
- 2> agree
- 3> disagree
- 4> strongly disagree

Question: 118

The Bible is the actual word of God and is to be taken literally. Do you strongly agree, agree, disagree, or strongly disagree?

- 1> strongly agree
- 2> agree
- 3> disagree
- 4> strongly disagree

Question: 119

Plants and animals exist primarily to be used by humans. Do you strongly agree, agree, disagree, or strongly disagree?

- 1> strongly agree
- 2> agree
- 3> disagree
- 4> strongly disagree

Question: 120

The regulation of biotechnology should be left mainly to industry. Do you strongly agree, agree, disagree, or strongly disagree?

- 1> strongly agree
- 2> agree
- 3> disagree
- 4> strongly disagree

Question: 121

Modern biotechnology is so complex that public involvement in the policy process is a waste of time. Do you strongly agree, agree, disagree, or strongly disagree?

- 1> strongly agree
- 2> agree
- 3> disagree
- 4> strongly disagree

Question: 122

There is a personal God who hears the prayers of individual men and women. Do you strongly agree, agree, disagree, or strongly disagree?

- 1> strongly agree
- 2> agree
- 3> disagree
- 4> strongly disagree

Question: 124

It is not worth putting special labels on genetically modified foods. Do you strongly agree, agree, disagree, or strongly disagree?

- 1> strongly agree
- 2> agree
- 3> disagree
- 4> strongly disagree

Question: 125

Animals have rights that people should not violate. Do you strongly agree, agree, disagree or strongly disagree.

- 1> strongly agree
- 2> agree
- 3> disagree
- 4> strongly disagree

Question: 126

Now, please tell me whether you support or oppose the use of biotechnology in agriculture and food production?

1> Support

2> Oppose

Question: 126b Ask if (Q57=3 and Q59=3) and (Q126=1)

Now, I'm going to ask you to tell me why you support the use of biotechnology in agriculture and food production. Before you begin, I need to ask you if the computer can record your exact response to this question, and to one other similar question that would require me to type your exact response. This recording will be used to allow our data editors to classify your response, and your confidentiality is assured. May I use my computer's digital recorder for this and similar open-ended responses?

1> Yes

2> No

Question: 127A Ask if Q126=1 [**Use Wave Recording if Q126b=1 OR Q58A=1 OR Q60A=1**]

Please tell me why you support the use of biotechnology in agriculture and food production?

DO NOT PROMPT FOR ADDITIONAL INFORMATION.

Note: The verbatim responses to question 127a are not available in the data file. Only the coded responses are included.

Question: 127C Ask if Q126=2 [**Use Wave Recording if Q58A=1 OR Q60A=1**]

Please tell me why you oppose the use of biotechnology in agriculture and food production?

DO NOT PROMPT FOR ADDITIONAL INFORMATION. (H96)

Note: The verbatim responses to question 127c are not available in the data file. Only the coded responses are included.

Question: 128

Do you support or oppose the use of biotechnology to develop new medicines to treat human disease?

1> Support

2> Oppose

Question: 129A Ask if Q128=1 [**Use Wave Recording if Q58A=1 OR Q60A=1 OR Q126B=1 OR Q127B=1**]

Please tell me why you support the use of biotechnology to develop new medicines to treat human disease. DO NOT PROMPT FOR ADDITIONAL INFORMATION.

Note: The verbatim responses to question 129a are not available in the data file. Only the coded responses are included.

Question: 129B Ask if Q128=2 [Use Wave Recording if Q58a = 1 OR Q60A=1 OR Q126B=1 OR Q127B=1]

Please tell me why you oppose the use of biotechnology to develop new medicines to treat human disease. DO NOT PROMPT FOR ADDITIONAL INFORMATION.

Note: The verbatim responses to question 129b are not available in the data file. Only the coded responses are included.

Question: 130

There are differing views about whether people inherit particular characteristics, that is whether people are born with these characteristics, or whether they acquire them mainly from their upbringing, or the conditions in which they lived. I am going to read you a list of characteristics, and I would like you to tell me, for each one, whether you think it is mainly inherited or mainly the result of upbringing and living conditions. First, eye color. Is eye color mainly inherited or mainly the result of upbringing and living conditions?

- 1> mainly inherited
- 2> mainly the result of upbringing and living conditions

Question: 131

Next, intelligence. Is intelligence mainly inherited or mainly the result of upbringing and living conditions?

- 1> mainly inherited
- 2> mainly the result of upbringing and living conditions

Question: 132

A tendency to be happy. Is a tendency to be happy mainly inherited or mainly the result of upbringing and living conditions?

- 1> mainly inherited
- 2 mainly the result of upbringing and living conditions

Question: 133

Athletic abilities. Are athletic abilities mainly inherited or mainly the result of upbringing and living conditions?

- 1> mainly inherited
- 2> mainly the result of upbringing and living conditions

Question: 134

A person's attitude toward work. Is a person's attitude toward work mainly inherited or mainly the result of upbringing and living conditions?

- 1> mainly inherited
- 2> mainly the result of upbringing and living conditions

Question: 135

Finally, musical abilities. Are musical abilities mainly inherited or mainly the result of upbringing and living conditions?

- 1> mainly inherited
- 2> mainly the result of upbringing and living conditions

Question: 136

Now I am going to read you a list of things that might happen within the next 20 years as a result of modern biotechnology. For each one, please say whether you think it is likely or unlikely to happen within the next 20 years. First, substantially reducing environmental pollution. Is this likely or unlikely to happen within the next 20 years?

1> likely

2> unlikely

Question: 137

Next, creating dangerous new diseases. Is this likely or unlikely to happen within the next 20 years?

1> likely

2> unlikely

Question: 138

Substantially reducing world hunger. Is this likely or unlikely to happen within the next 20 years?

1> likely

2> unlikely

Question: 139

Reducing the range of fruits and vegetables we can get. Is this likely or unlikely to happen within the next 20 years?

1> likely

2> unlikely

Question: 140

Curing most genetic diseases. Is this likely or unlikely to happen within the next 20 years?

1> likely

2> unlikely

Question: 141

Getting more out of natural resources in Third World countries. Is this likely or unlikely to happen within the next 20 years?

1> likely

2> unlikely

Question: 142

Producing designer babies. Is this likely or unlikely to happen within the next 20 years?

1> likely

2> unlikely

Question: 143

Replacing most existing food products with new varieties. Is this likely or unlikely to happen within the next 20 years?

1> likely

2> unlikely

Question: 144

Now, let me return to a question about words and terms you may read or hear in the news. 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?

- 1> clear understanding
- 2> general sense
- 3> little understanding

Question: 145 Ask if Q144=1 or Q144=2 [Use Wave Recording if Q58a = 1 OR Q60A=1 OR Q126B=1 OR Q127B=1]

In your own words, could you tell me what it means to **study something scientifically**?

ENTER EXACT RESPONSE. DO NOT PROBE FOR ADDITIONAL INFORMATION!

Note: The verbatim responses to question 145 are not available in the data file. Only the coded responses are included.

Question: 146

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?

- 1> All 1000 get the drug
- 2> 500 get the drug; 500 don't

NOTE: IF THE RESPONDENT ASKS WHETHER OR NOT A PLACEBO WAS GIVEN, SAY "IN THIS CASE, NO PLACEBO WAS GIVEN."

Question: 147 [Use Wave Recording if Q58a =1 OR Q60A=1 OR Q126B=1 OR Q127B]

Why is it better to test the drug this way?

ENTER EXACT RESPONSE. DO NOT PROBE FOR ADDITIONAL INFORMATION!

Note: The verbatim responses to question 147 are not available in the data file. Only the coded responses are included.

Question: 148

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. First, DNA regulates inherited characteristics in all plants, animals, and humans. Is that true or false?

- 1> true
- 2> false

Question: 149

All bacteria are harmful to humans. Is that true or false?

1> true

2> false

Question: 150

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

1> true

2> false

Question: 151

Senility is inevitable as the brain ages and loses tissue. Is that true or false?

1> true

2> false

Question: 152

Given today's biotechnology, scientists can now create new genes that never existed in nature. Is that true or false?

1> true

2> false

Question: 153

More than half of human genes are identical to those with chimpanzees. Is that true or false?

1> true

2> false

Question: 154

Viruses can be contaminated by bacteria. Is that true or false?

1> true

2> false

Question: 155

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

1> true

2> false

Question: 156

The cloning of living things produces exactly identical offspring. Is that true or false?

1> true

2> false

Question: 157

Yeast for brewing beer consists of living organisms. Is that true or false?

1> true

2> false

Question: 158

Human beings can survive on almost any combination of foods, provided that the total diet includes enough calories. Is that true or false?

- 1> true
- 2> false

Question: 159

The human immune system has no defense against viruses. Is that true or false?

- 1> true
- 2> false

Question: 160

Ordinary tomatoes do not contain genes while genetically modified tomatoes do. Is that true or false?

- 1> true
- 2> false

Question: 161

It is possible to find out in the first few months of pregnancy whether or not an unborn child will have Down's Syndrome. Is that true or false?

- 1> true
- 2> false

Question: 162

By eating a genetically modified fruit, a person's genes could also become modified. Is that true or false?

- 1> true
- 2> false

Question: 163

It is impossible to transfer animal genes into plants. Is that true or false?

- 1> true
- 2> false

Question: 164

Intelligence in humans is related to the size of the brain. Is that true or false?

- 1> true
- 2> false

Question: 165

Genetically modified animals are always bigger than ordinary ones. Is that true or false?

- 1> true
- 2> false

Question: 166

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?

- 1> yes
- 2> no

Question: 167

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

1> yes

2> no

Question: 168

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

1> yes

2> no

Question: 169

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

1> yes

2> no

Question: 170

We've been discussing several issues to do with modern biotechnology. Some people think these issues are very important while others don't think so. On a scale from zero to ten where zero is not at all important and ten is extremely important, how important are these issues for you personally? ENTER NUMBER

Question: 171

Now, using the same scale, how well informed would you say you are about biotechnology, if zero means you are not at all informed about biotechnology and ten means you are very well informed about biotechnology. ENTER NUMBER

Question: 172

Before today, had you ever talked about modern biotechnology with someone? IF YES: Had you talked about it frequently, occasionally, or only once or twice?

1> no, never

2> yes, frequently

3> yes, occasionally

4> yes, only once or twice

Question: 173

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*?

1> yes

2> no

Question: 174 Ask if Q173=1

Can you recall an issue that you made a contact about? ENTER EXACT RESPONSE. IF R MENTIONS A PIECE OF LEGISLATION BY NUMBER, PROBE FOR CONTENT OF BILL.

Note: The verbatim responses to question 174 are not available in the data file.

Question: 175 Ask if named issue on Q174

IF R NAMED AN ISSUE ON THE PREVIOUS SCREEN, ASK: Can you recall another issue that you made a contact about? ENTER EXACT RESPONSE.

Note: The verbatim responses to question 175 are not available in the data file.

Question: 176 Ask if named issue on Q175

IF R NAMED AN ISSUE ON THE PREVIOUS SCREEN, ASK: Can you recall another issue that you made a contact about? ENTER EXACT RESPONSE.

Note: the verbatim responses to question 176 are not available in the data file.

Question: 177

Politically speaking, would you call yourself a Democrat, a Republican, or an independent?

1> Democrat

2> Independent

3> Republican

Question: 178 Ask if Q177=1

Would you call yourself a strong Democrat or not so strong?

1> strong

2> not so strong

Question: 179 Ask if Q177=3

Would you call yourself a strong Republican or not so strong?

1> strong

2> not so strong

Question: 180 Ask if Q177=2

Would you say that you lean toward the Democrats, lean toward the Republicans, or that you do not lean toward either party?

1> lean toward Democrats

2> lean toward Republicans

3> do not lean toward either

Question 181:

Are you currently registered to vote?

1> yes

2> no

Question: 182

Did you vote in the 1996 presidential election?

1> yes

5> no

Question: 183 Ask if Q182=1

Did you vote for Mr. Clinton, Mr. Dole, Mr. Perot, or someone else?

- 1> Clinton
- 2> Dole
- 3> Perot
- 4> Other

Question: 184

Are you currently a member of the American Association of Retired Persons, that is, the AARP?

- 1> Yes
- 2> No

Question: 185

During the last 12 months, about how many times have you attended religious services. ENTER EXACT NUMBER. IF R SAYS "NEVER" ENTER ZERO. IF R SAYS "ONCE A WEEK" ENTER 52.

Question: 186

What is your religious preference or denomination? Is it Protestant, Catholic, Jewish, some other religion, or no religion?

- 1> Protestant
- 2> Catholic
- 3> Jewish
- 4> Other
- 5> None

Question: 187 Ask if 186=1

What specific denomination is that, if any? ENTER EXACT RESPONSE.

Note: The verbatim responses to this question were not coded. Only the verbatim responses are available in the data file.

Question: 188

Thinking of a scale from zero to ten where ten is very religious and zero is not at all religious, how religious would you say that you are? ENTER NUMBER.

Question: 189

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?

- 1> married
- 2> widowed
- 3> divorced
- 4> separated
- 5> never married

Question: 190

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

ENTER NUMBER OF ADULTS . IF THE RESPONDENT REFUSES TO INDICATE HOW MANY ADULTS LIVE IN THE HOUSEHOLD READ ANY PORTION OF THE FOLLOWING TEXT NECESSARY TO GET A RESPONSE: I can certainly understand your hesitation in answering this question. When we gather information it is important to know if people of various ages, races, levels of education, and so forth have different needs. When we run our statistics with this information they will have more meaning. I assure you that protecting your privacy is a major concern and when the results are published they are reported as statistics and it is impossible to associate the answers directly with anyone we've talked to.

Question: 191

Do you have any children?

IF YES, ASK: How many? ENTER NUMBER OF CHILDREN OR ZERO FOR NONE.

Question: 192 Ask if Q191>0

Do you have any children under age 18 who currently live with you?

IF YES, ASK: How many? ENTER NUMBER OF CHILDREN OR ZERO FOR NONE.

Question: 193

What is the highest level of education you completed? DO NOT READ OPTIONS!

- 0> Grade 6 or less
- 1> Grade 7 through 9
- 2> Grade 10 or 11
- 3> High school diploma/GED
- 4> Vocational less than 2 years
- 5> Associate (AA,AS)
- 6> Baccalaureate (BA,BS)
- 7> Masters (MA,MS)
- 8> Doctorate (Ph.D.,Ed.D.)
- 9> Professional (medical,dental,legal)
- 10> Other

IF RESPONDENT REFUSES TO GIVE HIGHEST LEVEL OF EDUCATION READ AS MUCH OF THE FOLLOWING AS POSSIBLE TO GET AN ANSWER: I can certainly understand your hesitation in answering this question. When we gather information it is important to know if people of various ages, races, levels of education, and so forth have different needs. When we run our statistics with this information they will have more meaning. I assure you that protecting your privacy is a major concern and when the results are published they are reported as statistics and it is impossible to associate the answers directly with anyone we've talked to. Into which of these groups could we categorize your responses? Would you say less than a high school diploma, you received a high school diploma/GED, or you have a baccalaureate degree or higher?

Question: 195 Ask if Q193>4 and not=10

In what field was the degree? ENTER EXACT RESPONSE.

Question: 196 Ask if Q193>2

Have you ever taken any college-level science courses? IF YES: How many? ENTER NUMBER OF COURSES OR ZERO FOR NONE.

Question: 197 Ask if Q193>1

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? DO NOT READ OPTIONS!

0> no math in HS; didn't go to HS

1> general math, business or vocational math

2> pre-algebra

3> one year of algebra

4> two years of algebra—Algebra 2

5> geometry (plane or solid or both)

6> trigonometry/linear programming/analysis

7> pre-calculus

8> calculus

9> statistics/probability

10> Other

IF A RESPONDENT SAYS “SENIOR MATH” “MATH 2,” “MATH 100,” OR SOME OTHER GENERAL COURSE PLEASE ASK THEM: Would that be algebra, algebra two, geometry, trigonometry, pre-calculus, calculus, or general math?

Question: 199 Ask if Q193>1

Did you take a high school biology course?

1> yes

2> no

Question: 200 Ask if Q193>1

Did you take a high school chemistry course?

1> yes

2> no

Question: 201 Ask if Q193>1

Did you take a high school physics course?

1> yes

2> no

Question: 202

Are you currently enrolled in school?

1> yes

2> no

Question: 203 Ask if Q202=1

What program are you enrolled in? IF R JUST NAMES A SUBJECT SUCH AS “ENGLISH” OR “MATH” ASK IF THEY EXPECT TO EARN A DEGREE, AND IF SO, WHAT DEGREE.

- 1> High school diploma/GED
- 2> Vocational/Technical Program/Certificate
- 3> Associate Degree
- 4> Academic subject, no degree
- 5> Bachelor’s Degree
- 6> Master’s Degree
- 7> PhD/MD/JD
- 8> Personal Enjoyment
- 9> Other

Question: 204

Last week, were you working full-time, working part-time, going to school, or something else? IF R SAYS GOING TO SCHOOL AND WORKING, ASK HOW MANY HOURS OF WORK PER WEEK AND CODE AS FULL-TIME (35 HOURS OR MORE) OR PART-TIME WORK.

- 1> working full-time
- 2> working part-time
- 3> has job, but on vacation or strike
- 4> retired
- 5> unemployed, laid off, or looking for work
- 6> in school (full-time)
- 7> keeping house
- 8> other, disabled, not looking for work

Question: 205 Ask if Q204>0 and Q204<5

What kind of work do/did you normally do? What is/was your job called? DESCRIBE OCCUPATION. PROBE FOR FUNCTIONS AND DUTIES. IF THE RESPONDENT SAYS THEY ARE “SELF-EMPLOYED” PROBE FOR FUNCTIONS AND DUTIES. IF THE RESPONDENT SIMPLY GIVES THE NAME OF A COMPANY THEY WORK FOR (FOR EXAMPLE, “I WORK AT BURGER KING,” “I WORK FOR FORD”) PROBE FOR FUNCTIONS AND DUTIES.

Question: 206 Ask if Q204>0 and Q204<5

Are/were you employed by a unit of government, a private corporation, or are you self-employed?

- 1> a unit of government
- 2> a private corporation
- 3> self-employed
- 4> other

Question: 207 Ask if Q204>0 and Q204<5

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

- 1> yes
- 2> no

Question: 208 Ask if Q204>0 and Q204<4

Do you use a computer in your work?

1> yes

2> no

Question: 209

Do you have any pets?

1> Yes

2> No

Question: 210

What is the primary language spoken in you home?

1> English

2> Spanish

3> Vietnamese

4> Chinese

5> Japanese

6> Polish

7> Other

Question: 211

Do you presently have a home computer in your household?

1> yes

2> no

Question: 212

Do you have access to the World Wide Web at home or work?

1> yes

2> no

Question: 213 Ask if Q212=1

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

ENTER NUMBER OF HOURS

Question 216 Ask if Q212=1

Have you ever looked for information about health or medicine on the Internet or the World Wide Web?

1> yes

2> no

Question: 219

Do you smoke?

1> yes

2> no

Question: 220 Ask if Q219=1

On an average day, about how many cigarettes, cigars, or pipes do you smoke?

ENTER NUMBER. THERE ARE 20 CIGARETTES IN A PACK. IF A RESPONDENT SAYS THEY SMOKE "ONE PACK A DAY" ENTER "20." IF THEY SAY THEY SMOKE "HALF A PACK" ENTER "10."

Question: 221

What is the ZIP code of your residence? ENTER ZIP CODE BELOW (5 DIGITS ONLY).

Question: 222

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

1> city, town, or village

2> unincorporated area

Question: 223 Ask if Q222=1

What is the name of your city, town, or village? ENTER NAME. ASK FOR SPELLING IF UNCERTAIN.

Question: 224

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?

1> African American

2> Hispanic American

3> White/Caucasian

3> Asian or Pacific Islander

4> American Indian/Native American

5> Alaskan Native

Note: the responses to this question were used only to create the weight variable wt5. The answers to the question are not available in the data file.

IF THE RESPONDENT REFUSES TO ANSWER THIS QUESTION, READ ANY PORTION OF THE FOLLOWING TEXT NECESSARY TO GET A RESPONSE.

I can certainly understand your hesitation in answering this question. When we gather information it is important to know if people of various ages, races, levels of education, and so forth have different needs. When we run our statistics with this information they will have more meaning. I assure you that protecting your privacy is a major concern and when the results are published they are reported as statistics and it is impossible to associate the answers directly with anyone we've talked to. Into which of these groups could we categorize your responses, African American, Hispanic American, or all other groups?

Note: the responses to question 224 were used only to create the weight variable wt5. The answers to the question are not available in the data file.

Question: 225 Ask if Q224 is not 2
Are you of Hispanic origin or descent?
1> yes
2> no

Note: the responses to question 225 were used only to create the weight variable wt5. The answers to the question are not available in the data file.

Question: 226
In what year were you born? ENTER ALL FOUR DIGITS OF BIRTH YEAR. IF R WON'T GIVE EXACT YEAR, ASK FOR DECADE, AND ENTER MIDPOINT. EXAMPLE: 1940s IS ENTERED AS 1945.

IF R WON'T GIVE EXACT YEAR, ASK FOR DECADE, AND ENTER MIDPOINT. EXAMPLE: 1940s IS ENTERED AS 1945.

IF R STILL REFUSES TO GIVE A YEAR OF BIRTH, READ ANY PORTION OF THE FOLLOWING TEXT NECESSARY TO OBTAIN A RESPONSE:

I can certainly understand your hesitation in answering this question. When we gather information it is important to know if people of various ages, races, levels of education, and so forth have different needs. When we run our statistics with this information they will have more meaning. I assure you that protecting your privacy is a major concern and when the results are published they are reported as statistics and it is impossible to associate the answers directly with anyone we've talked to. Into which of these groups could we categorize your response? Either 18-24, 25-34, 35-44, 45-64, or 65 years of age and older?

Question: 227
This completes our interview. Thank you for taking the time to talk with me. Have a good day/evening.

CODE RESPONDENT GENDER. IF UNSURE, ASK: "I have to read every question on my screen and now my computer wants me to ask if you are male or female."
1> male
2> female

UNWEIGHTED FREQUENCIES

file = icpsrbi.por

CASENUM Unique Case Identifier Chicago Academy of Sciences

N	1067
Missing	0
Mean	1974.63
Std. Error of Mean	34.09
Median	1945
Mode	7
Std. Deviation	1113.59
Variance	1240087
Skewness	-0.004
Std. Error of Skewness	0.075
Kurtosis	-1.082
Std. Error of Kurtosis	0.15
Range	4014
Minimum	7
Maximum	4021
Sum	2106926

CASEID Unique Case Identifier Market Facts

N	1067
Missing	0
Mean	101974.6
Std. Error of Mean	34.09
Median	101945
Mode	100007
Std. Deviation	1113.59
Variance	1240087
Skewness	-0.004
Std. Error of Skewness	0.075
Kurtosis	-1.082
Std. Error of Kurtosis	0.15
Range	4014
Minimum	100007
Maximum	104021
Sum	1.09E+08

WT5 WEIGHT FOR DATA FILE

N	1067
Missing	0
Mean	1.0002
Std. Error of Mean	2.04E-02
Median	0.9103

Mode	0.99
Std. Deviation	0.6652
Variance	0.4425
Skewness	1.549
Std. Error of Skewness	0.075
Kurtosis	3.549
Std. Error of Kurtosis	0.15
Range	4.7
Minimum	0.16
Maximum	4.86
Sum	1067.24

Q6 HOW INTERESTED IN CURRENT NEWS EVENTS

	Freq	Pct	Cum Pct
1 Very interested	492	46.1	46.1
2 Moderately interested	531	49.8	95.9
3 Not at all interested	39	3.7	99.5
8 Don't know	5	0.5	100
Total	1067	100	

Q7 INTEREST - AGRICULTURAL & FARM

	Freq	Pct	Cum Pct
1 Very interested	170	15.9	15.9
2 Moderately interested	545	51.1	67
3 Not at all interested	350	32.8	99.8
8 Don't know	2	0.2	100
Total	1067	100	

Q8 INTEREST - ECONOMIC & BUSINESS CONDITIONS

	Freq	Pct	Cum Pct
1 Very interested	511	47.9	47.9
2 Moderately interested	469	44	91.8
3 Not at all interested	85	8	99.8
8 Don't know	2	0.2	100
Total	1067	100	

Q9 INTEREST - NEW SCIENTIFIC DISCOVERIES

	Freq	Pct	Cum Pct
1 Very interested	547	51.3	51.3
2 Moderately interested	432	40.5	91.8
3 Not at all interested	87	8.2	99.9
8 Don't know	1	0.1	100
Total	1067	100	

Q10 INTEREST - NEW INVENTIONS & TECHNOLOGIES

	Freq	Pct	Cum Pct
1 Very interested	506	47.4	47.4
2 Moderately interested	488	45.7	93.2
3 Not at all interested	69	6.5	99.6
8 Don't know	4	0.4	100
Total	1067	100	

Q11 INTEREST - NEW MEDICAL DISCOVERIES

	Freq	Pct	Cum Pct
1 Very interested	686	64.3	64.3
2 Moderately interested	344	32.2	96.5
3 Not at all interested	36	3.4	99.9
8 Don't know	1	0.1	100
Total	1067	100	

Q12 INTEREST - ENVIRONMENTAL POLLUTION

	Freq	Pct	Cum Pct
1 Very interested	508	47.6	47.6
2 Moderately interested	460	43.1	90.7
3 Not at all interested	96	9	99.7
8 Don't know	3	0.3	100
Total	1067	100	

Q13 INTEREST - HEALTH CARE SERVICE

	Freq	Pct	Cum Pct
1 Very interested	645	60.4	60.4
2 Moderately interested	345	32.3	92.8
3 Not at all interested	75	7	99.8
7 Won't say	1	0.1	99.9
8 Don't know	1	0.1	100
Total	1067	100	

Q14 INFORMED - AGRICULTURAL & FARM

	Freq	Pct	Cum Pct
1 Very well informed	103	9.7	9.7
2 Moderately well informed	407	38.1	47.8
3 Poorly informed	552	51.7	99.5
8 Don't know	5	0.5	100
Total	1067	100	

Q15 INFORMED - ECONOMIC & BUSINESS CONDITIONS

	Freq	Pct	Cum Pct
1 Very well informed	276	25.9	25.9
2 Moderately well informed	632	59.2	85.1
3 Poorly informed	156	14.6	99.7

8 Don't know	3	0.3	100
Total	1067	100	

Q16 INFORMED - NEW SCIENTIFIC DISCOVERIES

	Freq	Pct	Cum Pct
1 Very well informed	188	17.6	17.6
2 Moderately well informed	648	60.7	78.4
3 Poorly informed	229	21.5	99.8
7 Won't say	1	0.1	99.9
8 Don't know	1	0.1	100
Total	1067	100	

Q17 INFORMED - NEW INVENTIONS AND TECHNOLOGIES

	Freq	Pct	Cum Pct
1 Very well informed	161	15.1	15.1
2 Moderately well informed	623	58.4	73.5
3 Poorly informed	282	26.4	99.9
8 Don't know	1	0.1	100
Total	1067	100	

Q18 INFORMED - NEW MEDICAL DISCOVERIES

	Freq	Pct	Cum Pct
1 Very well informed	252	23.6	23.6
2 Moderately well informed	615	57.6	81.3
3 Poorly informed	197	18.5	99.7
8 Don't know	3	0.3	100
Total	1067	100	

Q19 INFORMED - ENVIRONMENTAL POLLUTION

	Freq	Pct	Cum Pct
1 Very well informed	215	20.1	20.1
2 Moderately well informed	599	56.1	76.3
3 Poorly informed	251	23.5	99.8
8 Don't know	2	0.2	100
Total	1067	100	

Q20 INFORMED - HEALTH CARE SERVICE

	Freq	Pct	Cum Pct
1 Very well informed	306	28.7	28.7
2 Moderately well informed	577	54.1	82.8
3 Poorly informed	183	17.2	99.9
8 Don't know	1	0.1	100
Total	1067	100	

Q21 HOW OFTEN DO YOU READ A NEWSPAPER

	Freq	Pct	Cum Pct
1 Every day	534	50	50
2 A few times a week	273	25.6	75.6
3 Once a week	144	13.5	89.1
4 Less than once a week	115	10.8	99.9
8 Don't know	1	0.1	100
Total	1067	100	

Q22 1ST MAGAZINE READ REGULARLY

	Freq	Pct	Cum Pct
10 Other General News	7	0.7	0.7
11 Newsweek	71	6.7	7.3
12 Time	92	8.6	15.9
13 Us News & World	25	2.3	18.3
14 National Review	1	0.1	18.4
20 Other Literary & Art	7	0.7	19
23 New Yorker	4	0.4	19.4
24 Sat Evening Post	1	0.1	19.5
25 Smithsonian	3	0.3	19.8
26 Readers Digest	46	4.3	24.1
30 Other Women's Magazines	16	1.5	25.6
31 Cosmopolitan Vogue	5	0.5	26.1
32 Family Circle	2	0.2	26.2
33 Redbook	3	0.3	26.5
34 Ladies Home Journal	5	0.5	27
35 Good Housekeeping	13	1.2	28.2
36 Glamour Mademoiselle	2	0.2	28.4
37 Woman's Day	6	0.6	29
38 McCalls	2	0.2	29.1
40 Other Personality & Entertainment	13	1.2	30.4
41 People	22	2.1	32.4
42 TV Guide	2	0.2	32.6
43 Rolling Stone	3	0.3	32.9
46 US	1	0.1	33
47 Ebony Jet	12	1.1	34.1
48 Life	4	0.4	34.5
50 Other Science Magazines	13	1.2	35.7
52 Science	3	0.3	36
53 Scientific American	4	0.4	36.4
54 Popular Science	12	1.1	37.5
56 Omni	1	0.1	37.6
57 Discover	6	0.6	38.1
58 National Geographic	14	1.3	39.5
59 Science News	2	0.2	39.6

60 Other Men's Magazines	1	0.1	39.7
64 Gentleman's Quarterly	1	0.1	39.8
65 Hunting & Fishing	15	1.4	41.2
70 Other Business Magazines	10	0.9	42.2
71 Fortune	4	0.4	42.5
73 Forbes	2	0.2	42.7
74 Business Week	11	1	43.8
75 Money	6	0.6	44.3
80 Other Sports Magazines	12	1.1	45.5
81 Sports Illustrated	8	0.7	46.2
82 Farming Magazines	9	0.8	47
83 Religious Magazines	10	0.9	48
84 Ethnic Magazines	3	0.3	48.3
85 Car-Auto Magazines	16	1.5	49.8
86 Cooking-Nutrition Magazines	2	0.2	50
87 Senior Citizen Magazines	6	0.6	50.5
88 City, Regional, & Travel	6	0.6	51.1
89 Health, Fitness, & Consumer	30	2.8	53.9
90 Scientific, Technical & Health Professional	12	1.1	55
91 Other Professional Journals	5	0.5	55.5
92 Crafts, hobby magazines	21	2	57.5
94 Parenting	8	0.7	58.2
95 Military & Veterans	4	0.4	58.6
96 Computer magazines	19	1.8	60.4
98 Other	23	2.2	62.5
99 Not a magazine	12	1.1	63.6
999 Not asked	388	36.4	100
Total	1067	100	

Q22TXT is a text variable. No frequencies are presented for Q22TXT. Blanks are present in the data for Q22TXT for respondents who were not asked or did not answer the question.

Q23 2ND MAGAZINE READ REGULARLY

	Freq	Pct	Cum Pct
10 Other General News	3	0.3	0.3
11 Newsweek	38	3.6	3.8
12 Time	34	3.2	7
13 Us News & World	15	1.4	8.4
20 Other Literary & Art	6	0.6	9
23 New Yorker	4	0.4	9.4
24 Sat Evening Post	1	0.1	9.5
25 Smithsonian	8	0.7	10.2
26 Readers Digest	27	2.5	12.7
30 Other Women's Magazines	13	1.2	14
31 Cosmopolitan Vogue	1	0.1	14.1

32	Family Circle	5	0.5	14.5
33	Redbook	3	0.3	14.8
34	Ladies Home Journal	9	0.8	15.7
35	Good Housekeeping	8	0.7	16.4
36	Glamour Mademoiselle	5	0.5	16.9
37	Woman's Day	5	0.5	17.3
38	McCalls	6	0.6	17.9
39	MS Self	1	0.1	18
40	Other Personality & Entertainment	8	0.7	18.7
41	People	16	1.5	20.2
42	TV Guide	1	0.1	20.3
44	National Enquirer	1	0.1	20.4
47	Ebony Jet	11	1	21.5
48	Life	5	0.5	21.9
50	Other Science Magazines	12	1.1	23.1
52	Science	1	0.1	23.1
53	Scientific American	4	0.4	23.5
54	Popular Science	6	0.6	24.1
56	Omni	2	0.2	24.3
57	Discover	4	0.4	24.6
58	National Geographic	15	1.4	26.1
60	Other Men's Magazines	1	0.1	26.1
62	Playboy/Penthouse/Hustler	3	0.3	26.4
64	Gentleman's Quarterly	1	0.1	26.5
65	Hunting & Fishing	14	1.3	27.8
70	Other Business Magazines	11	1	28.9
71	Fortune	2	0.2	29.1
72	Barron's	1	0.1	29.1
73	Forbes	4	0.4	29.5
74	Business Week	5	0.5	30
75	Money	6	0.6	30.6
80	Other Sports Magazines	7	0.7	31.2
81	Sports Illustrated	9	0.8	32.1
82	Farming Magazines	9	0.8	32.9
83	Religious Magazines	11	1	33.9
84	Ethnic Magazines	3	0.3	34.2
85	Car-Auto Magazines	17	1.6	35.8
86	Cooking-Nutrition Magazines	2	0.2	36
87	Senior Citizen Magazines	4	0.4	36.4
88	City, Regional, & Travel	5	0.5	36.8
89	Health, Fitness, & Consumer	16	1.5	38.3
90	Scientific, Technical & Health Professional	11	1	39.4
91	Other Professional Journals	9	0.8	40.2
92	Crafts, hobby magazines	25	2.3	42.5
94	Parenting	8	0.7	43.3
95	Military & Veterans	3	0.3	43.6

96 Computer magazines	13	1.2	44.8
98 Other	25	2.3	47.1
99 Not a magazine	5	0.5	47.6
999 Not asked	559	52.4	100
Total	1067	100	

Q23TXT is a text variable. No frequencies are presented for Q23TXT. Blanks are present in the data for Q23TXT for respondents who were not asked or did not answer the question.

Q24 3RD MAGAZINE READ REGULARLY

	Freq	Pct	Cum Pct
10 Other General News	2	0.2	0.2
11 Newsweek	14	1.3	1.5
12 Time	23	2.2	3.7
13 Us News & World	9	0.8	4.5
20 Other Literary & Art	7	0.7	5.2
21 Harpers	1	0.1	5.2
23 New Yorker	3	0.3	5.5
25 Smithsonian	6	0.6	6.1
26 Readers Digest	12	1.1	7.2
30 Other Women's Magazines	8	0.7	8
31 Cosmopolitan Vogue	2	0.2	8.2
32 Family Circle	3	0.3	8.4
34 Ladies Home Journal	4	0.4	8.8
35 Good Housekeeping	3	0.3	9.1
36 Glamour Mademoiselle	3	0.3	9.4
37 Woman's Day	3	0.3	9.7
38 McCalls	6	0.6	10.2
40 Other Personality & Entertainment	3	0.3	10.5
41 People	10	0.9	11.4
42 TV Guide	3	0.3	11.7
43 Rolling Stone	2	0.2	11.9
44 National Enquirer	1	0.1	12
45 The Star	1	0.1	12.1
46 US	1	0.1	12.2
47 Ebony Jet	2	0.2	12.4
48 Life	4	0.4	12.7
50 Other Science Magazines	8	0.7	13.5
54 Popular Science	2	0.2	13.7
57 Discover	1	0.1	13.8
58 National Geographic	7	0.7	14.4
60 Other Men's Magazines	1	0.1	14.5
61 Esquire	2	0.2	14.7
64 Gentleman's Quarterly	1	0.1	14.8
65 Hunting & Fishing	12	1.1	15.9

70 Other Business Magazines	5	0.5	16.4
73 Forbes	1	0.1	16.5
74 Business Week	3	0.3	16.8
75 Money	1	0.1	16.9
80 Other Sports Magazines	5	0.5	17.3
81 Sports Illustrated	11	1	18.4
82 Farming Magazines	1	0.1	18.5
83 Religious Magazines	11	1	19.5
84 Ethnic Magazines	2	0.2	19.7
85 Car-Auto Magazines	8	0.7	20.4
86 Cooking-Nutrition Magazines	3	0.3	20.7
87 Senior Citizen Magazines	2	0.2	20.9
88 City, Regional, & Travel	7	0.7	21.6
89 Health, Fitness, & Consumer	10	0.9	22.5
90 Scientific, Technical & Health Professional	4	0.4	22.9
91 Other Professional Journals	3	0.3	23.1
92 Crafts, hobby magazines	15	1.4	24.6
93 Children's magazines	1	0.1	24.6
94 Parenting	3	0.3	24.9
95 Military & Veterans	4	0.4	25.3
96 Computer magazines	13	1.2	26.5
98 Other	13	1.2	27.7
99 Not a magazine	3	0.3	28
999 Not asked	768	72	100
Total	1067	100	

Q24TXT is a text variable. No frequencies are presented for Q24TXT. Blanks are present in the data for Q24TXT for respondents who were not asked or did not answer the question.

Q25 1ST HEALTH/SCIENCE MAGAZINE

	Freq	Pct	Cum Pct
11 Newsweek	2	0.2	0.2
12 Time	2	0.2	0.4
13 Us News & World	1	0.1	0.5
25 Smithsonian	3	0.3	0.7
26 Readers Digest	2	0.2	0.9
30 Other Women's Magazines	1	0.1	1
34 Ladies Home Journal	1	0.1	1.1
35 Good Housekeeping	2	0.2	1.3
39 MS Self	1	0.1	1.4
40 Other Personality & Entertainment	1	0.1	1.5
48 Life	1	0.1	1.6
50 Other Science Magazines	17	1.6	3.2
52 Science	3	0.3	3.5
53 Scientific American	10	0.9	4.4

54 Popular Science	17	1.6	6
57 Discover	10	0.9	6.9
58 National Geographic	10	0.9	7.9
59 Science News	2	0.2	8.1
60 Other Men's Magazines	1	0.1	8.2
70 Other Business Magazines	1	0.1	8.2
73 Forbes	1	0.1	8.3
80 Other Sports Magazines	1	0.1	8.4
83 Religious Magazines	1	0.1	8.5
85 Car-Auto Magazines	1	0.1	8.6
86 Cooking-Nutrition Magazines	2	0.2	8.8
87 Senior Citizen Magazines	3	0.3	9.1
89 Health, Fitness, & Consumer	70	6.6	15.7
90 Scientific, Technical & Health Professional	37	3.5	19.1
91 Other Professional Journals	2	0.2	19.3
92 Crafts, hobby magazines	3	0.3	19.6
96 Computer magazines	3	0.3	19.9
98 Other	8	0.7	20.6
99 Not a magazine	11	1	21.6
999 Not asked	836	78.4	100
Total	1067	100	

Q25TXT is a text variable. No frequencies are presented for Q25TXT. Blanks are present in the data for Q25TXT for respondents who were not asked or did not answer the question.

Q26 2ND HEALTH/SCIENCE MAGAZINE

	Freq	Pct	Cum Pct
12 Time	3	0.3	0.3
20 Other Literary & Art	1	0.1	0.4
26 Readers Digest	2	0.2	0.6
38 McCalls	1	0.1	0.7
39 MS Self	1	0.1	0.7
40 Other Personality & Entertainment	1	0.1	0.8
50 Other Science Magazines	7	0.7	1.5
53 Scientific American	1	0.1	1.6
54 Popular Science	4	0.4	2
57 Discover	3	0.3	2.2
58 National Geographic	1	0.1	2.3
70 Other Business Magazines	1	0.1	2.4
83 Religious Magazines	1	0.1	2.5
86 Cooking-Nutrition Magazines	1	0.1	2.6
87 Senior Citizen Magazines	3	0.3	2.9
89 Health, Fitness, & Consumer	14	1.3	4.2
90 Scientific, Technical & Health Professional	13	1.2	5.4
98 Other	6	0.6	6

99 Not a magazine	3	0.3	6.3
999 Not asked	1000	93.7	100
Total	1067	100	

Q26TXT is a text variable. No frequencies are presented for Q26TXT. Blanks are present in the data for Q26TXT for respondents who were not asked or did not answer the question.

Q27 3RD HEALTH/SCIENCE MAGAZINE

	Freq	Pct	Cum Pct
12 Time	1	0.1	0.1
20 Other Literary & Art	1	0.1	0.2
26 Readers Digest	1	0.1	0.3
33 Redbook	1	0.1	0.4
40 Other Personality & Entertainment	1	0.1	0.5
50 Other Science Magazines	1	0.1	0.6
54 Popular Science	1	0.1	0.7
57 Discover	2	0.2	0.8
70 Other Business Magazines	1	0.1	0.9
86 Cooking-Nutrition Magazines	1	0.1	1
89 Health, Fitness, & Consumer	2	0.2	1.2
90 Scientific, Technical & Health Professional	3	0.3	1.5
92 Crafts, hobby magazines	1	0.1	1.6
94 Parenting	1	0.1	1.7
96 Computer magazines	1	0.1	1.8
98 Other	2	0.2	2
999 Not asked	1046	98	100
Total	1067	100	

Q28YN R SUBSCRIBE HEALTH NEWSLETTER

	Freq	Pct	Cum Pct
1 Yes	137	12.8	12.8
2 No	926	86.8	99.6
8 Don't know	4	0.4	100
Total	1067	100	

Q28TXT is a text variable. No frequencies are presented for Q28TXT. Blanks are present in the data for Q28TXT for respondents who were not asked or did not answer the question.

Q45 IMPROVE LIFE: SOLAR ENERGY

	Freq	Pct	Cum Pct
1 Improve our way of life	845	79.2	79.2
2 Have no effect	171	16	95.2
3 Make things worse	26	2.4	97.7
8 Don't know	25	2.3	100
Total	1067	100	

Q46 IMPROVE LIFE: COMPUTER & INFO. TECH

	Freq	Pct	Cum Pct
1 Improve our way of life	905	84.8	84.8
2 Have no effect	26	2.4	87.3
3 Make things worse	101	9.5	96.7
8 Don't know	35	3.3	100
Total	1067	100	

Q47A IMPROVE LIFE: BIOTECHNOLOGY

	Freq	Pct	Cum Pct
1 Improve our way of life	377	35.3	35.3
2 Have no effect	40	3.7	39.1
3 Make things worse	60	5.6	44.7
8 Don't know	69	6.5	51.2
9 Not asked	521	48.8	100
Total	1067	100	

Q47B IMPROVE LIFE: GENETIC ENGINEERING

	Freq	Pct	Cum Pct
1 Improve our way of life	262	24.6	24.6
2 Have no effect	60	5.6	30.2
3 Make things worse	152	14.2	44.4
8 Don't know	47	4.4	48.8
9 Not asked	546	51.2	100
Total	1067	100	

Q48 IMPROVE LIFE: TELECOMMUNICATIONS

	Freq	Pct	Cum Pct
1 Improve our way of life	889	83.3	83.3
2 Have no effect	91	8.5	91.8
3 Make things worse	47	4.4	96.3
8 Don't know	40	3.7	100
Total	1067	100	

Q49 IMPROVE LIFE: SPACE EXPLORATION

	Freq	Pct	Cum Pct
1 Improve our way of life	574	53.8	53.8
2 Have no effect	359	33.6	87.4
3 Make things worse	70	6.6	94
8 Don't know	64	6	100
Total	1067	100	

Q50 AGREEMENT TO WAVE RECORD FOR Q51

	Freq	Pct	Cum Pct
1 Yes	1031	96.6	96.6
2 No	36	3.4	100
Total	1067	100	

Q51DI Direction Code Biotechnology Image

	Freq	Pct	Cum Pct
1 Strongly negative	25	2.3	2.3
2 Negative	127	11.9	14.2
3 Neutral	499	46.8	61
4 Positive	189	17.7	78.7
5 Strongly positive	3	0.3	79
6 Mixed	188	17.6	96.6
95 Missing WAV file	7	0.7	97.3
98 Uncodeable	6	0.6	97.8
99 Blank WAV file	23	2.2	100
Total	1067	100	

Q51EU Content Code Biotechnology Image

	Freq	Pct	Cum Pct
11 Advancement of Knowledge	5	0.5	0.5
20 Medical & agriculture general	56	5.2	5.7
21 Cloning/Dolly	111	10.4	16.1
22 Medical & Agriculture specific	79	7.4	23.5
30 Medical general/mixed	105	9.8	33.4
31 Cure disease general	84	7.9	41.2
32 Cure specific disease	36	3.4	44.6
33 Organ transplants	26	2.4	47
34 Reproduction	17	1.6	48.6
35 Human cloning	22	2.1	50.7
40 Agriculture general/environment	21	2	52.7
41 Increase food prod	9	0.8	53.5
42 Improve variety	6	0.6	54.1
50 Biological weapons	7	0.7	54.7
55 Forensics/crime/OJ	4	0.4	55.1
61 Something scientific	20	1.9	57
62 Playing God	51	4.8	61.8
70 Vague	173	16.2	78
90 Don't know	199	18.7	96.6
95 Missing WAV file	7	0.7	97.3
98 Uncodeable	6	0.6	97.8
99 Blank WAV file	23	2.2	100
Total	1067	100	

Q52 READ ABOUT MODERN BIOTECHNOLOGY

	Freq	Pct	Cum Pct
1 Yes	647	60.6	60.6
2 No	394	36.9	97.6
8 Don't know	26	2.4	100
Total	1067	100	

Q53 RECENT BIOTECHNOLOGY STORY HEARD OR READ ABOUT

	Freq	Pct	Cum Pct
1 Cloning general	178	16.7	16.7
2 Cloning sheep/Dolly	153	14.3	31
3 Cloning people	68	6.4	37.4
4 Medical application	22	2.1	39.5
5 Genetic testing	7	0.7	40.1
6 Genetically engineered drug	4	0.4	40.5
7 Treatments for diseases	44	4.1	44.6
8 Multiple birth/fertility treatments	18	1.7	46.3
9 Negative image/opposition	9	0.8	47.1
10 Biological weapons	5	0.5	47.6
20 Agricultural application	21	2	49.6
30 Genetic engineering general	8	0.7	50.3
90 Other	43	4	54.4
95 Named source	17	1.6	56
97 Don't know/Won't say	50	4.7	60.6
99 Not asked	420	39.4	100
Total	1067	100	

Q54 SOURCE MOST RECENT BIOTECH INFO

	Freq	Pct	Cum Pct
1 Library	4	0.4	0.4
2 Newspaper	218	20.4	20.8
3 Magazine	70	6.6	27.4
4 Book, other printed material	6	0.6	27.9
5 Television or radio	294	27.6	55.5
6 Government agency	1	0.1	55.6
7 Family member	4	0.4	56
8 Friend or colleague	6	0.6	56.5
9 Internet or World Wide Web	8	0.7	57.3
12 College or other school	9	0.8	58.1
14 Other	25	2.3	60.4
98 Don't know	2	0.2	60.6
99 Not asked	420	39.4	100
Total	1067	100	

Q55 RESOURCE TO LEARN MORE ABOUT BIOTECH

	Freq	Pct	Cum Pct
1 Library	188	17.6	17.6
2 Newspaper	42	3.9	21.6
3 Magazine	77	7.2	28.8
4 Book, other printed material	25	2.3	31.1
5 Television or radio	41	3.8	35
6 Government agency	2	0.2	35.1
7 Family member	4	0.4	35.5
8 Friend or colleague	7	0.7	36.2
9 Internet or World Wide Web	173	16.2	52.4
10 Computer CD-ROM	2	0.2	52.6
11 Computer in general	8	0.7	53.3
12 College or other school	7	0.7	54
14 Other	38	3.6	57.5
97 Won't say	3	0.3	57.8
98 Don't know	30	2.8	60.6
99 Not asked	420	39.4	100
Total	1067	100	

Q56 HEARD ABOUT CLONING OF A SHEEP

	Freq	Pct	Cum Pct
1 Yes	964	90.3	90.3
2 No	98	9.2	99.5
8 Don't know	5	0.5	100
Total	1067	100	

Q57 UNDERSTANDING OF 'DNA'

	Freq	Pct	Cum Pct
1 Clear understanding	526	49.3	49.3
2 General sense	457	42.8	92.1
3 Little understanding	81	7.6	99.7
8 Don't know	3	0.3	100
Total	1067	100	

Q58A AGREEMENT TO WAVE RECORD FOR Q58+

	Freq	Pct	Cum Pct
1 Yes	962	90.2	90.2
2 No	21	2	92.1
9 Not asked	84	7.9	100
Total	1067	100	

Q58B MEANING DNA

	Freq	Pct	Cum Pct
1 Understands DNA	492	46.1	46.1
2 Genes/Chromosomes/Genetics	98	9.2	55.3
4 Living thing	185	17.3	72.6
5 Wrong or vague	154	14.4	87.1
8 Don't know	21	2	89
95 Missing WAV file	9	0.8	89.9
98 Uncodable	7	0.7	90.5
99 Blank WAV file	17	1.6	92.1
999 Not asked	84	7.9	100
Total	1067	100	

Q59 UNDERSTANDING OF 'MOLECULE'

	Freq	Pct	Cum Pct
1 Clear understanding	303	28.4	28.4
2 General sense	455	42.6	71
3 Little understanding	299	28	99.1
8 Don't know	10	0.9	100
Total	1067	100	

Q60A AGREEMENT TO WAVE RECORD FOR Q60b

	Freq	Pct	Cum Pct
1 Yes	18	1.7	1.7
2 No	1	0.1	1.8
9 Not asked	1048	98.2	100
Total	1067	100	

Q60B MEANING MOLECULE (CODED)

	Freq	Pct	Cum Pct
0 Incorrect	323	30.3	30.3
1 Comprise matter	210	19.7	50
2 Correct	199	18.7	68.6
95 Missing WAV file	7	0.7	69.3
98 Uncodeable WAV file	3	0.3	69.5
99 Blank WAV file	16	1.5	71
999 Not asked	309	29	100
Total	1067	100	

Q68 HEARD OF USE OF BIOTECH IN FOOD/DRINK

	Freq	Pct	Cum Pct
1 Yes	761	71.3	71.3
2 No	297	27.8	99.2
8 Don't know	9	0.8	100
Total	1067	100	

Q69 USE OF BIOTECH IN FOOD/DRINK: USEFUL

	Freq	Pct	Cum Pct
1 Definitely agree	171	16	16
2 Tend to agree	551	51.6	67.7
3 Tend to disagree	193	18.1	85.8
4 Definitely disagree	81	7.6	93.3
7 Won't say	1	0.1	93.4
8 Don't know	70	6.6	100
Total	1067	100	

Q70 USE OF BIOTECH IN FOOD/DRINK: RISKY

	Freq	Pct	Cum Pct
1 Definitely agree	150	14.1	14.1
2 Tend to agree	383	35.9	50
3 Tend to disagree	344	32.2	82.2
4 Definitely disagree	103	9.7	91.8
7 Won't say	2	0.2	92
8 Don't know	85	8	100
Total	1067	100	

Q71 USE OF BIOTECH IN FOOD/DRINK: ACCEPTABLE

	Freq	Pct	Cum Pct
1 Definitely agree	214	20.1	20.1
2 Tend to agree	501	47	67
3 Tend to disagree	167	15.7	82.7
4 Definitely disagree	94	8.8	91.5
7 Won't say	2	0.2	91.7
8 Don't know	89	8.3	100
Total	1067	100	

Q72 USE OF BIOTECH IN FOOD/DRINK: ENCOURAGED

	Freq	Pct	Cum Pct
1 Definitely agree	217	20.3	20.3
2 Tend to agree	446	41.8	62.1
3 Tend to disagree	201	18.8	81
4 Definitely disagree	132	12.4	93.3
7 Won't say	3	0.3	93.6
8 Don't know	68	6.4	100
Total	1067	100	

Q73 HEARD OF INSERT GENES FROM PLANT TO CROP

	Freq	Pct	Cum Pct
1 Yes	740	69.4	69.4
2 No	309	29	98.3
7 Won't say	1	0.1	98.4

8 Don't know	17	1.6	100
Total	1067	100	

Q74 INSERT GENES FROM PLANT TO CROP: USEFUL

	Freq	Pct	Cum Pct
1 Definitely agree	328	30.7	30.7
2 Tend to agree	482	45.2	75.9
3 Tend to disagree	115	10.8	86.7
4 Definitely disagree	70	6.6	93.3
7 Won't say	2	0.2	93.4
8 Don't know	70	6.6	100
Total	1067	100	

Q75 INSERT GENES FROM PLANT TO CROP: RISKY

	Freq	Pct	Cum Pct
1 Definitely agree	113	10.6	10.6
2 Tend to agree	300	28.1	38.7
3 Tend to disagree	383	35.9	74.6
4 Definitely disagree	172	16.1	90.7
7 Won't say	4	0.4	91.1
8 Don't know	95	8.9	100
Total	1067	100	

Q76 INSERT GENES FROM PLANT TO CROP: ACCEPTABLE

	Freq	Pct	Cum Pct
1 Definitely agree	257	24.1	24.1
2 Tend to agree	501	47	71
3 Tend to disagree	133	12.5	83.5
4 Definitely disagree	79	7.4	90.9
7 Won't say	1	0.1	91
8 Don't know	96	9	100
Total	1067	100	

Q77 INSERT GENES FROM PLANT TO CROP: ENCOURAGED

	Freq	Pct	Cum Pct
1 Definitely agree	277	26	26
2 Tend to agree	452	42.4	68.3
3 Tend to disagree	150	14.1	82.4
4 Definitely disagree	101	9.5	91.8
7 Won't say	1	0.1	91.9
8 Don't know	86	8.1	100
Total	1067	100	

Q79 INTRODUCE HUMAN GENES INTO BACTERIA: USEFUL

	Freq	Pct	Cum Pct
1 Definitely agree	433	40.6	40.6
2 Tend to agree	495	46.4	87
3 Tend to disagree	60	5.6	92.6
4 Definitely disagree	31	2.9	95.5
7 Won't say	1	0.1	95.6
8 Don't know	47	4.4	100
Total	1067	100	

Q80 INTRODUCE HUMAN GENES INTO BACTERIA: RISKY

	Freq	Pct	Cum Pct
1 Definitely agree	96	9	9
2 Tend to agree	338	31.7	40.7
3 Tend to disagree	373	35	75.6
4 Definitely disagree	175	16.4	92
7 Won't say	1	0.1	92.1
8 Don't know	84	7.9	100
Total	1067	100	

Q81 INTRODUCE HUMAN GENES INTO BACTERIA: ACCEPTABLE

	Freq	Pct	Cum Pct
1 Definitely agree	276	25.9	25.9
2 Tend to agree	540	50.6	76.5
3 Tend to disagree	125	11.7	88.2
4 Definitely disagree	44	4.1	92.3
7 Won't say	3	0.3	92.6
8 Don't know	79	7.4	100
Total	1067	100	

Q82 INTRODUCE HUMAN GENES INTO BACTERIA: ENCOURAGED

	Freq	Pct	Cum Pct
1 Definitely agree	347	32.5	32.5
2 Tend to agree	508	47.6	80.1
3 Tend to disagree	103	9.7	89.8
4 Definitely disagree	47	4.4	94.2
8 Don't know	62	5.8	100
Total	1067	100	

Q88 HEARD OF INTRODUCE HUMAN GENES INTO ANIMAL

	Freq	Pct	Cum Pct
1 Yes	755	70.8	70.8
2 No	294	27.6	98.3
8 Don't know	18	1.7	100
Total	1067	100	

Q89 INTRODUCE HUMAN GENES INTO ANIMAL: USEFUL

	Freq	Pct	Cum Pct
1 Definitely agree	177	16.6	16.6
2 Tend to agree	404	37.9	54.5
3 Tend to disagree	220	20.6	75.1
4 Definitely disagree	200	18.7	93.8
7 Won't say	5	0.5	94.3
8 Don't know	61	5.7	100
Total	1067	100	

Q90 INTRODUCE HUMAN GENES INTO ANIMAL: RISKY

	Freq	Pct	Cum Pct
1 Definitely agree	283	26.5	26.5
2 Tend to agree	402	37.7	64.2
3 Tend to disagree	223	20.9	85.1
4 Definitely disagree	104	9.7	94.8
7 Won't say	1	0.1	94.9
8 Don't know	54	5.1	100
Total	1067	100	

Q91 INTRODUCE HUMAN GENES INTO ANIMAL: ACCEPTABLE

	Freq	Pct	Cum Pct
1 Definitely agree	110	10.3	10.3
2 Tend to agree	321	30.1	40.4
3 Tend to disagree	310	29.1	69.4
4 Definitely disagree	234	21.9	91.4
7 Won't say	7	0.7	92
8 Don't know	85	8	100
Total	1067	100	

Q92 INTRODUCE HUMAN GENES INTO ANIMAL: ENCOURAGED

	Freq	Pct	Cum Pct
1 Definitely agree	152	14.2	14.2
2 Tend to agree	334	31.3	45.5
3 Tend to disagree	261	24.5	70
4 Definitely disagree	255	23.9	93.9
7 Won't say	1	0.1	94
8 Don't know	64	6	100
Total	1067	100	

Q93 HEARD OF GENETIC TESTING FOR UNBORN BABY

	Freq	Pct	Cum Pct
1 Yes	901	84.4	84.4
2 No	156	14.6	99.1

8 Don't know	10	0.9	100
Total	1067	100	

Q94 GENETIC TESTING FOR UNBORN BABY: USEFUL

	Freq	Pct	Cum Pct
1 Definitely agree	419	39.3	39.3
2 Tend to agree	419	39.3	78.5
3 Tend to disagree	113	10.6	89.1
4 Definitely disagree	84	7.9	97
7 Won't say	3	0.3	97.3
8 Don't know	29	2.7	100
Total	1067	100	

Q95 GENETIC TESTING FOR UNBORN BABY: RISKY

	Freq	Pct	Cum Pct
1 Definitely agree	161	15.1	15.1
2 Tend to agree	288	27	42.1
3 Tend to disagree	364	34.1	76.2
4 Definitely disagree	217	20.3	96.5
7 Won't say	3	0.3	96.8
8 Don't know	34	3.2	100
Total	1067	100	

Q96 GENETIC TESTING FOR UNBORN BABY: ACCEPTABLE

	Freq	Pct	Cum Pct
1 Definitely agree	255	23.9	23.9
2 Tend to agree	476	44.6	68.5
3 Tend to disagree	166	15.6	84.1
4 Definitely disagree	121	11.3	95.4
7 Won't say	4	0.4	95.8
8 Don't know	45	4.2	100
Total	1067	100	

Q97 GENETIC TESTING FOR UNBORN BABY: ENCOURAGED

	Freq	Pct	Cum Pct
1 Definitely agree	317	29.7	29.7
2 Tend to agree	412	38.6	68.3
3 Tend to disagree	169	15.8	84.2
4 Definitely disagree	122	11.4	95.6
7 Won't say	6	0.6	96.2
8 Don't know	41	3.8	100
Total	1067	100	

Q103 CONFIDENCE IN AMA

	Freq	Pct	Cum Pct
1 Lot of trust	384	36	36
2 Some trust	617	57.8	93.8
3 No trust	53	5	98.8
8 Don't know	13	1.2	100
Total	1067	100	

Q104 CONFIDENCE IN FDA

	Freq	Pct	Cum Pct
1 Lot of trust	251	23.5	23.5
2 Some trust	668	62.6	86.1
3 No trust	143	13.4	99.5
8 Don't know	5	0.5	100
Total	1067	100	

Q105 CONFIDENCE IN SCIENTISTS IN UNIVERSITY

	Freq	Pct	Cum Pct
1 Lot of trust	273	25.6	25.6
2 Some trust	691	64.8	90.3
3 No trust	83	7.8	98.1
7 Won't say	3	0.3	98.4
8 Don't know	17	1.6	100
Total	1067	100	

Q106 CONFIDENCE IN FOOD MANUFACTURE

	Freq	Pct	Cum Pct
1 Lot of trust	32	3	3
2 Some trust	556	52.1	55.1
3 No trust	468	43.9	99
8 Don't know	11	1	100
Total	1067	100	

Q107 CONFIDENCE IN NIH

	Freq	Pct	Cum Pct
1 Lot of trust	350	32.8	32.8
2 Some trust	634	59.4	92.2
3 No trust	61	5.7	97.9
8 Don't know	22	2.1	100
Total	1067	100	

Q108 CONFIDENCE IN TV NEWS SHOW REPORTERS

	Freq	Pct	Cum Pct
1 Lot of trust	101	9.5	9.5
2 Some trust	583	54.6	64.1

3 No trust	375	35.1	99.3
8 Don't know	8	0.7	100
Total	1067	100	

Q109 CONFIDENCE IN US DEPT OF AGRICULTURE

	Freq	Pct	Cum Pct
1 Lot of trust	234	21.9	21.9
2 Some trust	730	68.4	90.3
3 No trust	95	8.9	99.3
8 Don't know	8	0.7	100
Total	1067	100	

Q110 CONFIDENCE IN TIME OR NEWSWEEK

	Freq	Pct	Cum Pct
1 Lot of trust	127	11.9	11.9
2 Some trust	773	72.4	84.3
3 No trust	144	13.5	97.8
8 Don't know	23	2.2	100
Total	1067	100	

Q111 CONFIDENCE IN CONSUMER REORT MAG

	Freq	Pct	Cum Pct
1 Lot of trust	268	25.1	25.1
2 Some trust	651	61	86.1
3 No trust	118	11.1	97.2
8 Don't know	30	2.8	100
Total	1067	100	

Q112 INTRST & INFRM CITIZN INFL GOVT POLICY

	Freq	Pct	Cum Pct
1 Strongly agree	257	24.1	24.1
2 Agree	563	52.8	76.9
3 Disagree	180	16.9	93.7
4 Strongly disagree	59	5.5	99.3
8 Don't know	8	0.7	100
Total	1067	100	

Q113 FED GOVT SUPPORT ALL SCI RSRCH

	Freq	Pct	Cum Pct
1 Strongly agree	346	32.4	32.4
2 Agree	510	47.8	80.2
3 Disagree	153	14.3	94.6
4 Strongly disagree	41	3.8	98.4
7 Won't say	2	0.2	98.6
8 Don't know	15	1.4	100
Total	1067	100	

Q114 LAB DOG/CHIMP OK IF NEW INFO FOUND

	Freq	Pct	Cum Pct
1 Strongly agree	90	8.4	8.4
2 Agree	389	36.5	44.9
3 Disagree	326	30.6	75.4
4 Strongly disagree	224	21	96.4
7 Won't say	2	0.2	96.6
8 Don't know	36	3.4	100
Total	1067	100	

Q115 REGULATIONS- SUFFICIENT TO PROTECT FROM BIOTECH RISKS

	Freq	Pct	Cum Pct
1 Strongly agree	52	4.9	4.9
2 Agree	343	32.1	37
3 Disagree	413	38.7	75.7
4 Strongly disagree	152	14.2	90
7 Won't say	2	0.2	90.2
8 Don't know	105	9.8	100
Total	1067	100	

Q116 BIOTECH WILL PERSONALLY BENEFIT TO ORDINARY PEOPLE

	Freq	Pct	Cum Pct
1 Strongly agree	120	11.2	11.2
2 Agree	618	57.9	69.2
3 Disagree	226	21.2	90.3
4 Strongly disagree	29	2.7	93.1
7 Won't say	1	0.1	93.2
8 Don't know	73	6.8	100
Total	1067	100	

Q117 BIOTECH ALREADY BENEFIT TO R AND R'S FAMILY

	Freq	Pct	Cum Pct
1 Strongly agree	79	7.4	7.4
2 Agree	413	38.7	46.1
3 Disagree	413	38.7	84.8
4 Strongly disagree	65	6.1	90.9
7 Won't say	2	0.2	91.1
8 Don't know	95	8.9	100
Total	1067	100	

Q118 BIBLE IS THE ACTUAL WORD OF GOD

	Freq	Pct	Cum Pct
1 Strongly agree	262	24.6	24.6
2 Agree	309	29	53.5
3 Disagree	317	29.7	83.2

4 Strongly disagree	126	11.8	95
7 Won't say	19	1.8	96.8
8 Don't know	34	3.2	100
Total	1067	100	

Q119 PLANTS & ANIMAL EXSIST TO BE USED BY HUMANS

	Freq	Pct	Cum Pct
1 Strongly agree	115	10.8	10.8
2 Agree	405	38	48.7
3 Disagree	401	37.6	86.3
4 Strongly disagree	124	11.6	97.9
7 Won't say	6	0.6	98.5
8 Don't know	16	1.5	100
Total	1067	100	

Q120 REGULATION OF BIOTECH SHOULD BE LEFT TO INDUSTRY

	Freq	Pct	Cum Pct
1 Strongly agree	24	2.2	2.2
2 Agree	181	17	19.2
3 Disagree	581	54.5	73.7
4 Strongly disagree	247	23.1	96.8
7 Won't say	1	0.1	96.9
8 Don't know	33	3.1	100
Total	1067	100	

Q121 BIOTECH SO COMPLEX POLICY PROCESS IS WASTE OF TIME

	Freq	Pct	Cum Pct
1 Strongly agree	28	2.6	2.6
2 Agree	155	14.5	17.2
3 Disagree	618	57.9	75.1
4 Strongly disagree	233	21.8	96.9
7 Won't say	2	0.2	97.1
8 Don't know	31	2.9	100
Total	1067	100	

Q122 PERSONAL GOD WHO HEARS THE PRAYER

	Freq	Pct	Cum Pct
1 Strongly agree	314	29.4	29.4
2 Agree	485	45.5	74.9
3 Disagree	135	12.7	87.5
4 Strongly disagree	56	5.2	92.8
7 Won't say	24	2.2	95
8 Don't know	53	5	100
Total	1067	100	

Q124 NOT WORTH LABELS ON GENETICALLY MODIFIED FOOD

	Freq	Pct	Cum Pct
1 Strongly agree	34	3.2	3.2
2 Agree	137	12.8	16
3 Disagree	621	58.2	74.2
4 Strongly disagree	257	24.1	98.3
7 Won't say	1	0.1	98.4
8 Don't know	17	1.6	100
Total	1067	100	

Q125 ANIMAL HAVE RIGHTS THAT PEOPLE SHOULD NOT VIOLATE

	Freq	Pct	Cum Pct
1 Strongly agree	185	17.3	17.3
2 Agree	550	51.5	68.9
3 Disagree	240	22.5	91.4
4 Strongly disagree	44	4.1	95.5
7 Won't say	1	0.1	95.6
8 Don't know	47	4.4	100
Total	1067	100	

Q126 USE OF BIOTECH IN AGRICULTURE & FOOD PRODUCTION

	Freq	Pct	Cum Pct
1 Support	802	75.2	75.2
2 Oppose	183	17.2	92.3
7 Won't say	2	0.2	92.5
8 Don't know	80	7.5	100
Total	1067	100	

Q126B AGREEMENT TO WAVE RECORD FOR Q127A+

	Freq	Pct	Cum Pct
1 Yes	48	4.5	4.5
2 No	9	0.8	5.3
9 Not Asked	1010	94.7	100
Total	1067	100	

Q127A REASON FOR SUPPORT OF USE IN AGRICULTURE AND FOOD

	Freq	Pct	Cum Pct
1 Improve Quality	174	16.3	16.3
2 Increase production	232	21.7	38.1
3 Environmental or Economic benefits	33	3.1	41.1
4 Science advancement	39	3.7	44.8
5 Improve Quality Life	51	4.8	49.6
6 Vague	168	15.7	65.3
7 Some apprehension	57	5.3	70.7
95 Missing WAV file	14	1.3	72

97 Don't Know	21	2	73.9
98 Uncodeable	6	0.6	74.5
99 Blank WAV file	7	0.7	75.2
999 Not asked	265	24.8	100
Total	1067	100	

Q127C REASON FOR OPPOSE USE IN AGRICULTURE AND FOOD

	Freq	Pct	Cum Pct
1 Against nature	30	2.8	2.8
2 Concerned about risk	40	3.7	6.6
3 Concern animals/human	10	0.9	7.5
4 Increase Chemicals	26	2.4	9.9
5 Against God's Will	8	0.7	10.7
6 Impact Economy	1	0.1	10.8
7 Other/vague	49	4.6	15.4
95 Missing WAV file	1	0.1	15.5
96 They support don't oppose	1	0.1	15.6
97 Don't Know	10	0.9	16.5
98 Uncodeable	4	0.4	16.9
99 Blank WAV file	2	0.2	17.1
999 Not asked	885	82.9	100
Total	1067	100	

Q128 USE OF BIOTECH TO DEVELOP NEW MEDICINE

	Freq	Pct	Cum Pct
1 Support	966	90.5	90.5
2 Oppose	51	4.8	95.3
7 Won't say	3	0.3	95.6
8 Don't know	47	4.4	100
Total	1067	100	

Q129A REASON FOR SUPPORT OF USE TO DEVELOP NEW MEDICINE

	Freq	Pct	Cum Pct
1 Identify/cure disease	493	46.2	46.2
3 Better way produce	16	1.5	47.7
4 Science advancement	37	3.5	51.2
5 Improve Quality Life	73	6.8	58
6 Vague	239	22.4	80.4
7 Some apprehension	55	5.2	85.6
95 Missing WAV file	16	1.5	87.1
97 Don't Know	14	1.3	88.4
98 Uncodeable	11	1	89.4
99 Blank WAV file	12	1.1	90.5
999 Not asked	101	9.5	100
Total	1067	100	

Q129B REASON FOR OPPOSE OF USE TO DEVELOP NEW MEDICINE

	Freq	Pct	Cum Pct
1 Against nature	3	0.3	0.3
2 Concerned about risks	8	0.7	1
3 Concern animals/humans	11	1	2.1
5 Impact Economy	6	0.6	2.6
7 Other/vague	13	1.2	3.8
97 Don't Know	6	0.6	4.4
98 Uncodeable	1	0.1	4.5
99 Blank WAV file	3	0.3	4.8
999 Not asked	1016	95.2	100
Total	1067	100	

Q131 INHERITED OR UPBRINGING: INTELLIGENCE

	Freq	Pct	Cum Pct
1 Mainly inherited	461	43.2	43.2
2 Upbringing/living conditions	441	41.3	84.5
7 Won't say	10	0.9	85.5
8 Don't know	155	14.5	100
Total	1067	100	

Q132 INHERITED OR UPBRINGING: TENDENCY TO BE HAPPY

	Freq	Pct	Cum Pct
1 Mainly inherited	169	15.8	15.8
2 Upbringing/living conditions	797	74.7	90.5
7 Won't say	10	0.9	91.5
8 Don't know	91	8.5	100
Total	1067	100	

Q133 INHERITED OR UPBRINGING: ATHLETIC ABILITIES

	Freq	Pct	Cum Pct
1 Mainly inherited	603	56.5	56.5
2 Upbringing/living conditions	338	31.7	88.2
7 Won't say	4	0.4	88.6
8 Don't know	122	11.4	100
Total	1067	100	

Q134 INHERITED OR UPBRINGING: ATTITUDE TOWARD WORK

	Freq	Pct	Cum Pct
1 Mainly inherited	78	7.3	7.3
2 Upbringing/living conditions	926	86.8	94.1
7 Won't say	3	0.3	94.4
8 Don't know	60	5.6	100
Total	1067	100	

Q135 INHERITED OR UPBRINGING: MUSICAL ABILITIES

	Freq	Pct	Cum Pct
1 Mainly inherited	621	58.2	58.2
2 Upbringing/living conditions	318	29.8	88
7 Won't say	8	0.7	88.8
8 Don't know	120	11.2	100
Total	1067	100	

Q136 LIKELIHOOD IN 20 YRS: REDUCE ENVIRONMENTAL POLLUTION

	Freq	Pct	Cum Pct
1 Likely	648	60.7	60.7
2 Unlikely	410	38.4	99.2
8 Don't know	9	0.8	100
Total	1067	100	

Q137 LIKELIHOOD IN 20 YRS:NEW DISEASES

	Freq	Pct	Cum Pct
1 Likely	695	65.1	65.1
2 Unlikely	343	32.1	97.3
8 Don't know	29	2.7	100
Total	1067	100	

Q138 LIKELIHOOD IN 20 YRS: REDUCE WORLD HUNGER

	Freq	Pct	Cum Pct
1 Likely	515	48.3	48.3
2 Unlikely	529	49.6	97.8
8 Don't know	23	2.2	100
Total	1067	100	

Q139 LIKELIHOOD IN 20 YRS: REDUCE RANGE OF FRUIT & FOOD

	Freq	Pct	Cum Pct
1 Likely	439	41.1	41.1
2 Unlikely	587	55	96.2
7 Won't say	1	0.1	96.3
8 Don't know	40	3.7	100
Total	1067	100	

Q140 LIKELIHOOD IN 20 YRS: CURE FOR GENETIC DISEASE

	Freq	Pct	Cum Pct
1 Likely	483	45.3	45.3
2 Unlikely	559	52.4	97.7
7 Won't say	2	0.2	97.8
8 Don't know	23	2.2	100
Total	1067	100	

Q141 LIKELIHOOD IN 20 YRS: MORE NATURAL RES. IN 3RD WORLD

	Freq	Pct	Cum Pct
1 Likely	752	70.5	70.5
2 Unlikely	268	25.1	95.6
7 Won't say	2	0.2	95.8
8 Don't know	45	4.2	100
Total	1067	100	

Q142 LIKELIHOOD IN 20 YRS: DESIGNER BABIES

	Freq	Pct	Cum Pct
1 Likely	403	37.8	37.8
2 Unlikely	618	57.9	95.7
7 Won't say	1	0.1	95.8
8 Don't know	45	4.2	100
Total	1067	100	

Q143 LIKELIHOOD IN 20 YRS: REPLACE FOOD W/ VARIETIES

	Freq	Pct	Cum Pct
1 Likely	488	45.7	45.7
2 Unlikely	557	52.2	97.9
8 Don't know	22	2.1	100
Total	1067	100	

Q144 UNDERSTANDING OF 'SCIENTIFIC STUDY'

	Freq	Pct	Cum Pct
1 Clear understanding	274	25.7	25.7
2 General sense	626	58.7	84.3
3 Little understanding	167	15.7	100
Total	1067	100	

Q145 MEANING SCIENTIFIC STUDY

	Freq	Pct	Cum Pct
1 Theory	104	9.7	9.7
2 Experiment	146	13.7	23.4
3 Rigorous, systematic	134	12.6	36
4 Measurement	157	14.7	50.7
5 Classification	174	16.3	67
6 Incorrect	158	14.8	81.8
95 Missing WAV file	15	1.4	83.2
98 Uncodeable	5	0.5	83.7
99 Blank WAV file	7	0.7	84.3
999 Not asked	167	15.7	100
Total	1067	100	

Q146 EXPERIMENTAL METHOD

	Freq	Pct	Cum Pct
1 All 1000 get the drug	192	18	18
2 500 get the drug; 500 don't	831	77.9	95.9
7 Won't say	6	0.6	96.4
8 Don't know	38	3.6	100
Total	1067	100	

Q147 WHY IS IT BETTER TO TEST THIS WAY?

	Freq	Pct	Cum Pct
1 Correct,Control	142	13.3	13.3
2 Correct/Compare	275	25.8	39.1
3 Correct,wrong	374	35.1	74.1
4 Correct,DK	10	0.9	75.1
5 Wrong,Reservation	40	3.7	78.8
6 Wrong,Size	85	8	86.8
7 Wrong, Other	54	5.1	91.8
8 Wrong, DK	9	0.8	92.7
95 Missing WAV file	15	1.4	94.1
98 Uncodeable WAV file	5	0.5	94.6
99 Blank WAV file	14	1.3	95.9
999 Not asked	44	4.1	100
Total	1067	100	

Q148 DNA REGULATES PLANTS AND ANIMALS

	Freq	Pct	Cum Pct
1 True	894	83.8	83.8
2 False	62	5.8	89.6
8 Don't know	111	10.4	100
Total	1067	100	

Q149 ALL BACTERIA ARE HARMFUL TO HUMANS

	Freq	Pct	Cum Pct
1 True	85	8	8
2 False	954	89.4	97.4
8 Don't know	28	2.6	100
Total	1067	100	

Q150 ANTIBIOTICS KILL VIRUSES & BACTERIA

	Freq	Pct	Cum Pct
1 True	344	32.2	32.2
2 False	576	54	86.2
8 Don't know	147	13.8	100
Total	1067	100	

Q151 SENILITY IS INEVITABLE

	Freq	Pct	Cum Pct
1 True	290	27.2	27.2
2 False	579	54.3	81.4
7 Won't say	1	0.1	81.5
8 Don't know	197	18.5	100
Total	1067	100	

Q152 SCIENTISTS CAN CREATE NEVER-EXISTED GENES

	Freq	Pct	Cum Pct
1 True	484	45.4	45.4
2 False	261	24.5	69.8
8 Don't know	322	30.2	100
Total	1067	100	

Q153 MT HALF OF HUMAN GENES IDENTICAL TO CHIMPANZEES

	Freq	Pct	Cum Pct
1 True	431	40.4	40.4
2 False	188	17.6	58
8 Don't know	448	42	100
Total	1067	100	

Q154 VIRUSES CAN BE CONTAMINATED IN BACTERIA

	Freq	Pct	Cum Pct
1 True	512	48	48
2 False	173	16.2	64.2
8 Don't know	382	35.8	100
Total	1067	100	

Q155 HUMANS DEVELOPED FROM EARLIER SPECIES

	Freq	Pct	Cum Pct
1 True	489	45.8	45.8
2 False	425	39.8	85.7
7 Won't say	2	0.2	85.8
8 Don't know	151	14.2	100
Total	1067	100	

Q156 CLONING PRODUCE IDENTICAL OFFSPRINGS

	Freq	Pct	Cum Pct
1 True	678	63.5	63.5
2 False	242	22.7	86.2
8 Don't know	147	13.8	100
Total	1067	100	

Q157 YEAST CONSISTS OF LIVING ORGANISMS

	Freq	Pct	Cum Pct
1 True	821	76.9	76.9
2 False	69	6.5	83.4
8 Don't know	177	16.6	100
Total	1067	100	

Q158 HUMANS CAN SURVIVE ON ENOUGH CALORIES

	Freq	Pct	Cum Pct
1 True	479	44.9	44.9
2 False	481	45.1	90
8 Don't know	107	10	100
Total	1067	100	

Q159 IMMUNE SYSTEM CAN'T FIGHT VIRUSES

	Freq	Pct	Cum Pct
1 True	112	10.5	10.5
2 False	875	82	92.5
8 Don't know	80	7.5	100
Total	1067	100	

Q160 ORDINARY TOMATOES NO GENES MODIFIED ONE HAS GENES

	Freq	Pct	Cum Pct
1 True	75	7	7
2 False	545	51.1	58.1
8 Don't know	447	41.9	100
Total	1067	100	

Q161 POSSIBLE TO FIND OUT UNBORN BABIES DISEASES

	Freq	Pct	Cum Pct
1 True	747	70	70
2 False	96	9	79
7 Won't say	1	0.1	79.1
8 Don't know	223	20.9	100
Total	1067	100	

Q162 GENETICALLY MODIFIED FRUITS CAN MODIFY HUMAN GENES

	Freq	Pct	Cum Pct
1 True	81	7.6	7.6
2 False	680	63.7	71.3
7 Won't say	1	0.1	71.4
8 Don't know	305	28.6	100
Total	1067	100	

Q163 IMPOSSIBLE TO TRANSFER ANIMAL GENES TO PLANTS

	Freq	Pct	Cum Pct
1 True	233	21.8	21.8
2 False	349	32.7	54.5
7 Won't say	2	0.2	54.7
8 Don't know	483	45.3	100
Total	1067	100	

Q164 HUMAN INTELLIGENCE RELATED TO BRAIN SIZE

	Freq	Pct	Cum Pct
1 True	151	14.2	14.2
2 False	824	77.2	91.4
7 Won't say	1	0.1	91.5
8 Don't know	91	8.5	100
Total	1067	100	

Q165 GENETICALLY MODIFIED ANIMALS ARE BIG

	Freq	Pct	Cum Pct
1 True	101	9.5	9.5
2 False	637	59.7	69.2
7 Won't say	1	0.1	69.3
8 Don't know	328	30.7	100
Total	1067	100	

Q166 PROBABILITY - FOURTH WILL HAVE

	Freq	Pct	Cum Pct
1 Yes	99	9.3	9.3
2 No	893	83.7	93
7 Won't say	1	0.1	93.1
8 Don't know	74	6.9	100
Total	1067	100	

Q167 PROBABILITY - LAST THREE WILL NOT

	Freq	Pct	Cum Pct
1 Yes	61	5.7	5.7
2 No	929	87.1	92.8
7 Won't say	1	0.1	92.9
8 Don't know	76	7.1	100
Total	1067	100	

Q168 PROBABILITY - SAME RISK FOR EACH

	Freq	Pct	Cum Pct
1 Yes	771	72.3	72.3
2 No	228	21.4	93.6
7 Won't say	1	0.1	93.7

8 Don't know	67	6.3	100
Total	1067	100	

Q169 PROBABILITY - NONE IF ONLY THREE

	Freq	Pct	Cum Pct
1 Yes	79	7.4	7.4
2 No	913	85.6	93
7 Won't say	1	0.1	93.1
8 Don't know	74	6.9	100
Total	1067	100	

Q170 SCALES OF IMPORTANCE IN BIOTECH

	Freq	Pct	Cum Pct
0 Not at all important	12	1.1	1.1
1	7	0.7	1.8
2	8	0.7	2.5
3	16	1.5	4
4	30	2.8	6.8
5	139	13	19.9
6	107	10	29.9
7	225	21.1	51
8	268	25.1	76.1
9	75	7	83.1
10 Extremely important	170	15.9	99.1
97 Won't say	1	0.1	99.2
98 Don't know	9	0.8	100
Total	1067	100	

Q171 SCALES OF IFORMEDNESS IN BIOTECH

	Freq	Pct	Cum Pct
0 Not at all informed	44	4.1	4.1
1	22	2.1	6.2
2	68	6.4	12.6
3	135	12.7	25.2
4	174	16.3	41.5
5	288	27	68.5
6	142	13.3	81.8
7	116	10.9	92.7
8	52	4.9	97.6
9	9	0.8	98.4
10 Very well informed	10	0.9	99.3
97 Won't say	1	0.1	99.4
98 Don't know	6	0.6	100
Total	1067	100	

Q172 TALKED SOMEONE ABOUT BIOTECH

	Freq	Pct	Cum Pct
1 No, never	431	40.4	40.4
2 Yes, frequently	91	8.5	48.9
3 Yes, occasionally	355	33.3	82.2
4 Yes, only once or twice	184	17.2	99.4
7 Won't say	1	0.1	99.5
8 Don't know	5	0.5	100
Total	1067	100	

Q173 CONTACT OFFICIALS/POLITICAL ISSUES

	Freq	Pct	Cum Pct
1 Yes	331	31	31
2 No	733	68.7	99.7
7 Won't say	2	0.2	99.9
8 Don't know	1	0.1	100
Total	1067	100	

Q174 FIRST POLITICAL CONTACT

	Freq	Pct	Cum Pct
13 Environmnt & pollution	27	2.5	2.5
15 Health – medicine	5	0.5	3
16 Health Care-Policy	17	1.6	4.6
19 Other specific science issues	4	0.4	5
20 For policy-general	2	0.2	5.2
23 War, peace, defense	6	0.6	5.7
30 Economic-general	8	0.7	6.5
32 Unemployment	5	0.5	6.9
34 Labor relations	4	0.4	7.3
37 Taxes	18	1.7	9
39 Other specific economic issue	5	0.5	9.5
40 Civil rights-general	1	0.1	9.6
49 Other specific civil rights issues	3	0.3	9.8
50 Agriculture	3	0.3	10.1
60 Transportation	7	0.7	10.8
72 Abortion	23	2.2	12.9
73 Senior citizen problems	4	0.4	13.3
75 Schools & education	28	2.6	15.9
77 Domestic poverty-welfare	6	0.6	16.5
78 Local Issues	41	3.8	20.3
79 Other spec domestic issues	10	0.9	21.3
82 Crime	15	1.4	22.7
83 Drugs	1	0.1	22.8
85 Political Issues	15	1.4	24.2
86 Gay-Lesbian Issues	2	0.2	24.4

89 Other specific moral issues	5	0.5	24.8
90 Other & uncodable	20	1.9	26.7
99 Personal Issues	9	0.8	27.6
997 Won't say	1	0.1	27.6
999 Not Asked	772	72.4	100
Total	1067	100	

Q175 SECOND POLITICAL CONTACT

	Freq	Pct	Cum Pct
10 Science & Tech General	1	0.1	0.1
13 Environment & pollution	8	0.7	0.8
16 Health Care-Policy	10	0.9	1.8
19 Other spec science issues	1	0.1	1.9
22 Middle East issues	1	0.1	2
23 War, peace, defense	1	0.1	2.1
32 Unemployment	2	0.2	2.2
37 Taxes	8	0.7	3
39 Other spec economic issue	1	0.1	3.1
40 Civil rights-general	1	0.1	3.2
49 Other spec civil rights issues	3	0.3	3.5
50 Agriculture	3	0.3	3.7
60 Transportation	2	0.2	3.9
70 Social & welfare policy-general	1	0.1	4
72 Abortion	9	0.8	4.9
73 Senior citizen problems	4	0.4	5.2
75 Schools & education	9	0.8	6.1
76 Urban-city problems	2	0.2	6.3
77 Domestic poverty-welfare	1	0.1	6.4
78 Local Issues	10	0.9	7.3
79 Other specific domestic issues	6	0.6	7.9
82 Crime	10	0.9	8.8
85 Political Issues	3	0.3	9.1
89 Other spec moral issues	2	0.2	9.3
90 Other & uncodable	14	1.3	10.6
99 Personal Issues	5	0.5	11.1
999 Not Asked	949	88.9	100
Total	1067	100	

Q176 THIRD POLITICAL CONTACT

	Freq	Pct	Cum Pct
13 Environment & pollution	8	0.7	0.7
15 Health – medicine	1	0.1	0.8
16 Health Care-Policy	4	0.4	1.2
23 War, peace, defense	1	0.1	1.3
29 Other specific foreign policy	2	0.2	1.5
30 Economic-general	3	0.3	1.8

34 Labor relations	1	0.1	1.9
37 Taxes	1	0.1	2
39 Other specific economic issues	1	0.1	2.1
40 Civil rights-general	2	0.2	2.2
49 Other specific civil rights issues	2	0.2	2.4
50 Agriculture	1	0.1	2.5
60 Transportation	2	0.2	2.7
73 Senior citizen problems	3	0.3	3
75 Schools & education	1	0.1	3.1
77 Domestic poverty-welfare	1	0.1	3.2
78 Local Issues	5	0.5	3.7
79 Other specific domestic issues	1	0.1	3.7
82 Crime	3	0.3	4
89 Other specific moral issues	1	0.1	4.1
90 Other & uncodable	7	0.7	4.8
999 Not Asked	1016	95.2	100
Total	1067	100	

Q177 POLITICAL PARTY IDENTIFICATION

	Freq	Pct	Cum Pct
1 Democrat	326	30.6	30.6
2 Independent	403	37.8	68.3
3 Republican	293	27.5	95.8
7 Won't say	17	1.6	97.4
8 Don't know	28	2.6	100
Total	1067	100	

Q178 STRENGTH OF DEMOCRAT IDENTITY

	Freq	Pct	Cum Pct
1 Strong	123	11.5	11.5
2 Not so strong	196	18.4	29.9
7 Won't say	2	0.2	30.1
8 Don't know	5	0.5	30.6
9 Not asked	741	69.4	100
Total	1067	100	

Q179 STRENGTH OF REPUBLICAN IDENTITY

	Freq	Pct	Cum Pct
1 Strong	125	11.7	11.7
2 Not so strong	162	15.2	26.9
8 Don't know	6	0.6	27.5
9 Not asked	774	72.5	100
Total	1067	100	

Q180 FAVOR ANY PARTY

	Freq	Pct	Cum Pct
1 Lean toward Democrats	99	9.3	9.3
2 Lean toward Republicans	84	7.9	17.2
3 Do not lean toward either	217	20.3	37.5
8 Don't know	3	0.3	37.8
9 Not asked	664	62.2	100
Total	1067	100	

Q181 R REGISTERED TO VOTE

	Freq	Pct	Cum Pct
1 Yes	926	86.8	86.8
2 No	140	13.1	99.9
8 Don't know	1	0.1	100
Total	1067	100	

Q182 VOTED IN 1996 PRESIDENTIAL ELECTION

	Freq	Pct	Cum Pct
1 Yes	817	76.6	76.6
2 No	247	23.1	99.7
8 Don't know	3	0.3	100
Total	1067	100	

Q183 PERSON VOTED FOR IN 1996 ELEC

	Freq	Pct	Cum Pct
1 Clinton	378	35.4	35.4
2 Dole	275	25.8	61.2
3 Perot	54	5.1	66.3
4 Other	30	2.8	69.1
7 Won't say	69	6.5	75.5
8 Don't know	11	1	76.6
9 Not asked	250	23.4	100
Total	1067	100	

Q184 MEMBERSHIP OF AARP

	Freq	Pct	Cum Pct
1 Yes	201	18.8	18.8
2 No	859	80.5	99.3
8 Don't know	7	0.7	100
Total	1067	100	

Q185 TIMES ATTENDED RELIGIOUS SERVICE

	Freq	Pct	Cum Pct
0	228	21.4	21.4
1	33	3.1	24.5

2	75	7	31.5
3	31	2.9	34.4
4	33	3.1	37.5
5	39	3.7	41.1
6	43	4	45.2
7	7	0.7	45.8
8	14	1.3	47.1
9	2	0.2	47.3
10	27	2.5	49.9
11	1	0.1	50
12	31	2.9	52.9
13	1	0.1	53
14	2	0.2	53.1
15	11	1	54.2
16	1	0.1	54.3
20	31	2.9	57.2
23	1	0.1	57.3
24	12	1.1	58.4
25	13	1.2	59.6
26	4	0.4	60
28	1	0.1	60.1
30	31	2.9	63
32	2	0.2	63.2
35	4	0.4	63.5
36	11	1	64.6
37	1	0.1	64.7
40	22	2.1	66.7
42	2	0.2	66.9
44	1	0.1	67
45	16	1.5	68.5
46	1	0.1	68.6
47	1	0.1	68.7
48	17	1.6	70.3
49	2	0.2	70.5
50	34	3.2	73.7
51	1	0.1	73.8
52	140	13.1	86.9
54	2	0.2	87.1
55	1	0.1	87.2
56	2	0.2	87.3
58	1	0.1	87.4
60	12	1.1	88.6
63	1	0.1	88.7
65	4	0.4	89
70	4	0.4	89.4
75	6	0.6	90

80	5	0.5	90.4
85	1	0.1	90.5
90	1	0.1	90.6
100	20	1.9	92.5
101	1	0.1	92.6
104	13	1.2	93.8
108	1	0.1	93.9
110	2	0.2	94.1
130	1	0.1	94.2
136	1	0.1	94.3
144	2	0.2	94.5
150	12	1.1	95.6
156	9	0.8	96.4
159	1	0.1	96.5
165	1	0.1	96.6
184	1	0.1	96.7
200	5	0.5	97.2
230	1	0.1	97.3
300	4	0.4	97.7
365	6	0.6	98.2
997 Won't say	6	0.6	98.8
998 Don't know	13	1.2	100
Total	1067	100	

Q186 RELIGIOUS PREFERENCE

	Freq	Pct	Cum Pct
1 Protestant	339	31.8	31.8
2 Catholic	275	25.8	57.5
3 Jewish	22	2.1	59.6
4 Other	298	27.9	87.5
5 None	104	9.7	97.3
7 Won't say	18	1.7	99
8 Don't know	11	1	100
Total	1067	100	

Q187TXT is a text variable. No frequencies are presented for Q187TXT. Blanks are present in the data for Q187TXT for respondents who were not asked or did not answer the question.

Q188 RELIGIOSITY SCALE

	Freq	Pct	Cum Pct
0 Not at all religious	63	5.9	5.9
1	14	1.3	7.2
2	39	3.7	10.9
3	49	4.6	15.5
4	63	5.9	21.4

5	149	14	35.3
6	106	9.9	45.3
7	141	13.2	58.5
8	190	17.8	76.3
9	82	7.7	84
10 Very religious	152	14.2	98.2
97 Won't say	11	1	99.3
98 Don't know	8	0.7	100
Total	1067	100	

Q189 MARITAL STATUS

	Freq	Pct	Cum Pct
1 Married	584	54.7	54.7
2 Widowed	64	6	60.7
3 Divorced	138	12.9	73.7
4 Separated	24	2.2	75.9
5 Never married	255	23.9	99.8
7 Won't say	1	0.1	99.9
8 Don't know	1	0.1	100
Total	1067	100	

Q190 NUMBER OF ADULTS IN HOUSEHOLD

	Freq	Pct	Cum Pct
1	348	32.6	32.6
2	568	53.2	85.8
3	107	10	95.9
4	32	3	98.9
5	8	0.7	99.6
6	4	0.4	100
Total	1067	100	

Q191 NUMBER OF CHILDREN

	Freq	Pct	Cum Pct
0	337	31.6	31.6
1	152	14.2	45.8
2	276	25.9	71.7
3	160	15	86.7
4	84	7.9	94.6
5	32	3	97.6
6	10	0.9	98.5
7	6	0.6	99.1
8	1	0.1	99.2
9	3	0.3	99.4
10	1	0.1	99.5
11	1	0.1	99.6
12	2	0.2	99.8

15	1	0.1	99.9
97 Won't say	1	0.1	100
Total	1067	100	

Q192 NUMBER OF CHILDREN AT HOME

	Freq	Pct	Cum Pct
0	677	63.4	63.4
1	144	13.5	76.9
2	155	14.5	91.5
3	67	6.3	97.8
4	17	1.6	99.3
5	3	0.3	99.6
6	1	0.1	99.7
7	1	0.1	99.8
97 Won't say	1	0.1	99.9
99 Not asked	1	0.1	100
Total	1067	100	

Q193 HIGHEST LEVEL OF EDUCATION ATTAINED

	Freq	Pct	Cum Pct
0 Grade 6 or less	2	0.2	0.2
1 Grade 7 through 9	21	2	2.2
2 Grade 10 or 11	48	4.5	6.7
3 High school diploma/GED	370	34.7	41.3
4 Vocational lt 2 yrs.	119	11.2	52.5
5 Associate (AA,AS)	114	10.7	63.2
6 Baccalaureate (BA,BS)	252	23.6	86.8
7 Masters (MA,MS)	89	8.3	95.1
8 Doctorate (Ph.D.,Ed.D.)	34	3.2	98.3
9 Professional (medical,dental,legal)	18	1.7	100
Total	1067	100	

Q195 FIELD OF COLLEGE DEGREE

	Freq	Pct	Cum Pct
1 Accounting	11	1	1
2 Advertising	1	0.1	1.1
3 Agriculture	3	0.3	1.4
4 Allied Health	6	0.6	2
5 Anthropology	2	0.2	2.2
6 Architecture	1	0.1	2.2
7 Art	22	2.1	4.3
8 Biology	15	1.4	5.7
9 Business Administration	56	5.2	11
10 Business Education	1	0.1	11.1
11 Chemistry	1	0.1	11.2
12 Communications	6	0.6	11.7

13 Comm Disorders	2	0.2	11.9
14 Computer Science	9	0.8	12.7
15 Dentistry	3	0.3	13
16 Education	53	5	18
17 Economics	15	1.4	19.4
18 Engineering	39	3.7	23.1
19 English	13	1.2	24.3
20 Finance	5	0.5	24.7
21 Foreign Language	2	0.2	24.9
24 Geology	2	0.2	25.1
25 History	8	0.7	25.9
26 Home Economics	7	0.7	26.5
27 Industry & Technology	11	1	27.6
28 Journalism	6	0.6	28.1
29 Law	22	2.1	30.2
30 Law Enforcement	6	0.6	30.7
31 Library Science	3	0.3	31
32 Marketing	5	0.5	31.5
33 Mathematics	8	0.7	32.2
34 Medicine	14	1.3	33.6
35 Music	5	0.5	34
36 Nursing	16	1.5	35.5
37 Optometry	1	0.1	35.6
38 Pharmacy	1	0.1	35.7
39 Philosophy	2	0.2	35.9
40 Physical Education	4	0.4	36.3
42 Psychology	14	1.3	37.6
43 Political Science	16	1.5	39.1
44 Sociology	4	0.4	39.5
46 Theatre Arts	3	0.3	39.7
47 Theology	3	0.3	40
49 Liberal Arts	13	1.2	41.2
50 Other	29	2.7	44
51 General Sciences	24	2.2	46.2
52 Social Work	9	0.8	47
97 Won't say	5	0.5	47.5
99 No College Degree	560	52.5	100
Total	1067	100	

Q195TXT is a text variable. No frequencies are presented for Q195TXT. Blanks are present in the data for Q195TXT for respondents who were not asked or did not answer the question.

Q196 NUMBER OF COLLEGE SCIENCE COURSES

	Freq	Pct	Cum Pct
0	440	41.2	41.2
1	66	6.2	47.4
2	90	8.4	55.9
3	74	6.9	62.8
4	79	7.4	70.2
5	33	3.1	73.3
6	36	3.4	76.7
7	9	0.8	77.5
8	17	1.6	79.1
9	1	0.1	79.2
10	35	3.3	82.5
11	2	0.2	82.7
12	15	1.4	84.1
15	9	0.8	84.9
16	2	0.2	85.1
18	2	0.2	85.3
20	17	1.6	86.9
21	1	0.1	87
24	3	0.3	87.3
25	3	0.3	87.5
30	6	0.6	88.1
35	2	0.2	88.3
36	1	0.1	88.4
40	3	0.3	88.7
42	1	0.1	88.8
50	4	0.4	89.1
80	1	0.1	89.2
90	1	0.1	89.3
98 Don't know	42	3.9	93.3
99 Not asked	72	6.7	100
Total	1067	100	

Q197 HIGHEST LEVEL MATH IN HS

	Freq	Pct	Cum Pct
0 No math in HS	7	0.7	0.7
1 General math/bus/vocational math	70	6.6	7.2
2 Pre-algebra	6	0.6	7.8
3 One year of algebra	197	18.5	26.2
4 Two years of algebra	176	16.5	42.7
5 Geometry (plane/solid)	165	15.5	58.2
6 Trig/linear program	148	13.9	72.1
7 Pre-calculus	52	4.9	76.9
8 Calculus	141	13.2	90.2

9 Statistics/probability	4	0.4	90.5
10 Other	22	2.1	92.6
97 Won't say	4	0.4	93
98 Don't know	51	4.8	97.8
99 Not asked	24	2.2	100
Total	1067	100	

Q199 TOOK HS BIOLOGY COURSE

	Freq	Pct	Cum Pct
1 Yes	856	80.2	80.2
2 No	178	16.7	96.9
7 Won't say	1	0.1	97
8 Don't know	8	0.7	97.8
9 Not asked	24	2.2	100
Total	1067	100	

Q200 TOOK HS CHEMISTRY COURSE

	Freq	Pct	Cum Pct
1 Yes	590	55.3	55.3
2 No	441	41.3	96.6
7 Won't say	1	0.1	96.7
8 Don't know	11	1	97.8
9 Not asked	24	2.2	100
Total	1067	100	

Q201 TOOK HS PHYSICS COURSE

	Freq	Pct	Cum Pct
1 Yes	399	37.4	37.4
2 No	632	59.2	96.6
8 Don't know	12	1.1	97.8
9 Not asked	24	2.2	100
Total	1067	100	

Q202 RESPONDENT CURRENTLY IN SCHOOL

	Freq	Pct	Cum Pct
1 Yes	142	13.3	13.3
2 No	925	86.7	100
Total	1067	100	

Q203 EDUC PROGRAM ENROLLED CURRENTLY

	Freq	Pct	Cum Pct
1 High school diploma/GED	8	0.7	0.7
2 Vocational/Technology Program/Certificate	9	0.8	1.6
3 Associate Degree	13	1.2	2.8
4 Academic subject, no degree	4	0.4	3.2
5 Bachelors	50	4.7	7.9

6 Masters	19	1.8	9.7
7 PhD/MD/JD	10	0.9	10.6
8 Personal Enjoyment	3	0.3	10.9
9 Other	25	2.3	13.2
98 Don't know	1	0.1	13.3
99 Not asked	925	86.7	100
Total	1067	100	

Q204 EMPLOYMENT STATUS

	Freq	Pct	Cum Pct
1 Working full-time	636	59.6	59.6
2 Working part-time	113	10.6	70.2
3 Has job, on vacation	11	1	71.2
4 Retired	141	13.2	84.4
5 Unemployed/laid off/looking for work	23	2.2	86.6
6 In school (full-time)	40	3.7	90.3
7 Keeping house	50	4.7	95
8 Other/disabled/not looking for work	48	4.5	99.5
97 Won't say	2	0.2	99.7
98 Don't know	3	0.3	100
Total	1067	100	

Q205 OCCUPATION CODED USING 1970 CENSUS CATEGORIES

N	1067
Missing	0
Mean	472.84
Std. Error of Mean	10.96
Median	310
Mode	999
Std. Deviation	358.15
Variance	128273.6
Skewness	0.418
Std. Error of Skewness	0.075
Kurtosis	-1.428
Std. Error of Kurtosis	0.15
Range	998
Minimum	1
Maximum	999
Sum	504525

Q205TXT is a text variable. No frequencies are presented for Q205TXT. Blanks are present in the data for Q205TXT for respondents who were not asked or did not answer the question.

Q206 R EMPLOYED GOVT,PRIVATE,SELF EMPLOYED

	Freq	Pct	Cum Pct
1 A unit of government	168	15.7	15.7
2 A private corporation	534	50	65.8
3 Self-employed	161	15.1	80.9
4 other	27	2.5	83.4
7 Won't say	2	0.2	83.6
8 Don't know	9	0.8	84.4
9 Not asked	166	15.6	100
Total	1067	100	

Q207 S & T RESEARCH CONDUCTED BY WORK UNIT

	Freq	Pct	Cum Pct
1 Yes	184	17.2	17.2
2 No	631	59.1	76.4
7 Won't say	3	0.3	76.7
8 Don't know	83	7.8	84.4
9 Not asked	166	15.6	100
Total	1067	100	

Q208 COMPUTER USED AT WORK

	Freq	Pct	Cum Pct
1 Yes	553	51.8	51.8
2 No	207	19.4	71.2
9 Not asked	307	28.8	100
Total	1067	100	

Q209 PET OWNERSHIP

	Freq	Pct	Cum Pct
1 Yes	625	58.6	58.6
2 No	442	41.4	100
Total	1067	100	

Q210 PRIMARY LANGUAGE AT HOME

	Freq	Pct	Cum Pct
1 English	1033	96.8	96.8
2 Spanish	17	1.6	98.4
3 Vietnamese	1	0.1	98.5
4 Chinese	1	0.1	98.6
7 Other	12	1.1	99.7
8	3	0.3	100
Total	1067	100	

Q211 HOUSEHOLD OWNERSHIP OF PCS

	Freq	Pct	Cum Pct
1 Yes	609	57.1	57.1
2 No	458	42.9	100
Total	1067	100	

Q212 ACCESS WWW THROUGH HOME COMPUTER

	Freq	Pct	Cum Pct
1 Yes	560	52.5	52.5
2 No	504	47.2	99.7
7 Won't say	1	0.1	99.8
8 Don't know	2	0.2	100
Total	1067	100	

Q213 HOURS/MONTH AT HOME ON WWW

	Freq	Pct	Cum Pct
0	134	12.6	12.6
1	44	4.1	16.7
2	56	5.2	21.9
3	33	3.1	25
4	23	2.2	27.2
5	38	3.6	30.7
6	11	1	31.8
7	4	0.4	32.1
8	10	0.9	33.1
9	1	0.1	33.2
10	44	4.1	37.3
12	10	0.9	38.2
14	1	0.1	38.3
15	19	1.8	40.1
16	1	0.1	40.2
18	1	0.1	40.3
20	36	3.4	43.7
25	6	0.6	44.2
30	17	1.6	45.8
31	1	0.1	45.9
35	1	0.1	46
40	12	1.1	47.1
45	1	0.1	47.2
48	1	0.1	47.3
50	11	1	48.4
60	11	1	49.4
65	2	0.2	49.6
75	3	0.3	49.9
80	3	0.3	50.1

90	3	0.3	50.4
100	6	0.6	51
120	4	0.4	51.4
150	3	0.3	51.6
200	1	0.1	51.7
250	1	0.1	51.8
300	1	0.1	51.9
310	1	0.1	52
400	1	0.1	52.1
500	1	0.1	52.2
998 Don't know	3	0.3	52.5
999 Not asked	507	47.5	100
Total	1067	100	

Q216 GET HEALTH/MEDICAL INFO FROM WWW OR BROWSE

	Freq	Pct	Cum Pct
1 Yes	264	24.7	24.7
2 No	293	27.5	52.2
8 Don't know	3	0.3	52.5
9 Not asked	507	47.5	100
Total	1067	100	

Q219 R SMOKES

	Freq	Pct	Cum Pct
1 Yes	292	27.4	27.4
2 No	775	72.6	100
Total	1067	100	

Q220 NO OF CIGS ETC SMOKED/DAY

	Freq	Pct	Cum Pct
0	5	0.5	0.5
1	8	0.7	1.2
2	6	0.6	1.8
3	8	0.7	2.5
4	6	0.6	3.1
5	19	1.8	4.9
6	8	0.7	5.6
7	4	0.4	6
8	7	0.7	6.7
10	47	4.4	11.1
12	4	0.4	11.4
13	2	0.2	11.6
15	21	2	13.6
16	3	0.3	13.9
17	1	0.1	14
18	3	0.3	14.2

20	97	9.1	23.3
22	2	0.2	23.5
25	4	0.4	23.9
30	16	1.5	25.4
35	3	0.3	25.7
40	12	1.1	26.8
45	1	0.1	26.9
50	2	0.2	27.1
80	1	0.1	27.2
997 Won't say	1	0.1	27.3
998 Don't know	1	0.1	27.4
999 Not asked	775	72.6	100
Total	1067	100	

Q222 COMMUNITY TYPE

	Freq	Pct	Cum Pct
1 City, town, or village	903	84.6	84.6
2 Unincorporated area	159	14.9	99.5
7 Won't say	1	0.1	99.6
8 Don't know	4	0.4	100
Total	1067	100	

Q226 RESPONDENT YEAR OF BIRTH

	Freq	Pct	Cum Pct
1910	1	0.1	0.1
1912	1	0.1	0.2
1913	2	0.2	0.4
1914	1	0.1	0.5
1915	3	0.3	0.7
1916	1	0.1	0.8
1917	3	0.3	1.1
1918	5	0.5	1.6
1919	7	0.7	2.2
1920	5	0.5	2.7
1921	7	0.7	3.4
1922	8	0.7	4.1
1923	4	0.4	4.5
1924	7	0.7	5.2
1925	9	0.8	6
1926	6	0.6	6.6
1927	15	1.4	8
1928	4	0.4	8.3
1929	11	1	9.4
1930	8	0.7	10.1
1931	9	0.8	11
1932	7	0.7	11.6

1933	6	0.6	12.2
1934	11	1	13.2
1935	11	1	14.2
1936	15	1.4	15.7
1937	10	0.9	16.6
1938	12	1.1	17.7
1939	12	1.1	18.8
1940	14	1.3	20.1
1941	15	1.4	21.6
1942	17	1.6	23.1
1943	13	1.2	24.4
1944	16	1.5	25.9
1945	20	1.9	27.7
1946	19	1.8	29.5
1947	24	2.2	31.8
1948	31	2.9	34.7
1949	25	2.3	37
1950	24	2.2	39.3
1951	27	2.5	41.8
1952	25	2.3	44.1
1953	24	2.2	46.4
1954	31	2.9	49.3
1955	31	2.9	52.2
1956	31	2.9	55.1
1957	17	1.6	56.7
1958	33	3.1	59.8
1959	32	3	62.8
1960	27	2.5	65.3
1961	25	2.3	67.7
1962	25	2.3	70
1963	22	2.1	72.1
1964	13	1.2	73.3
1965	23	2.2	75.4
1966	9	0.8	76.3
1967	19	1.8	78.1
1968	25	2.3	80.4
1969	14	1.3	81.7
1970	21	2	83.7
1971	16	1.5	85.2
1972	22	2.1	87.3
1973	19	1.8	89
1974	18	1.7	90.7
1975	22	2.1	92.8
1976	9	0.8	93.6
1977	23	2.2	95.8
1978	21	2	97.8

1979	16	1.5	99.3
9997 Won't say	8	0.7	100
Total	1067	100	

GENDER RESPONDENT GENDER

	Freq	Pct	Cum Pct
1 Male	531	49.8	49.8
2 Female	536	50.2	100
Total	1067	100	

Following are the first and last cases in the data file. The first case is casenum=7, and the last case is casenum=4021.

The variables are listed in the following order:

LINE 1: CASENUM CASEID WT5 Q6 Q7 Q8 Q9 Q10 Q11 Q12 Q13 Q14 Q15 Q16 Q17 Q18 Q19
Q20 Q21 Q22

LINE 2: Q22TXT

LINE 3: Q23

LINE 4: Q23TXT

LINE 5: Q24

LINE 6: Q24TXT

LINE 7: Q25

LINE 8: Q25TXT

LINE 9: Q26

LINE 10: Q26TXT

LINE 11: Q27

LINE 12: Q27TXT

LINE 13: Q28YN

LINE 14: Q28TXT

LINE 15: Q45 Q46 Q47A Q47B Q48 Q49 Q50 Q51DI Q51EU Q52 Q53 Q54 Q55 Q56 Q57 Q58A
Q58B Q59 Q60A Q60B Q68 Q69 Q70 Q71 Q72 Q73 Q74 Q75 Q76 Q77

LINE 16: Q79 Q80 Q81 Q82 Q88 Q89 Q90 Q91 Q92 Q93 Q94 Q95 Q96 Q97 Q103 Q104 Q105
Q106 Q107 Q108 Q109 Q110 Q111 Q112 Q113 Q114 Q115 Q116 Q117 Q118 Q119
Q120 Q121 Q122 Q124

LINE 17: Q125 Q126 Q126B Q127A Q127C Q128 Q129A Q129B Q131 Q132 Q133 Q134 Q135
Q136 Q137 Q138 Q139 Q140 Q141 Q142 Q143 Q144 Q145 Q146 Q147 Q148 Q149
Q150 Q151

LINE 18: Q152 Q153 Q154 Q155 Q156 Q157 Q158 Q159 Q160 Q161 Q162 Q163 Q164 Q165
Q166 Q167 Q168 Q169 Q170 Q171 Q172 Q173 Q174 Q175 Q176 Q177 Q178 Q179
Q180 Q181 Q182

LINE 19: Q183 Q184 Q185 Q186

LINE 20: Q187TXT

LINE 21: Q188 Q189 Q190 Q191 Q192 Q193 Q195

LINE 22: Q195TXT

LINE 23: Q196 Q197 Q199 Q200 Q201 Q202 Q203 Q204 Q205

LINE 24: Q205TXT

LINE 25: Q206 Q207 Q208 Q209 Q210 Q211 Q212 Q213 Q216 Q219 Q220 Q222 Q226
GENDER

CASENUM: 7 100007 1.94 2 2 2 1 1 1 1 1 3 3 3 3 2 2 1 4 999
Q22TXT:
Q23: 999
Q23TXT:
Q24: 999
Q24TXT:
Q25: 90
Q25TXT: NURSING
Q26: 90
Q26TXT: AMERICAN JOURNAL O FNURSUNG
Q27: 999
Q27TXT:
Q28YN: 2
Q28TXT:
Q45: 2 1 1 9 1 2 1 4 31 2 99 99 99 1 1 1 1 1 0 1 2 3 2 2 1 2 3 2 2
Q79: 2 3 2 2 2 4 1 4 4 1 1 4 1 1 1 2 2 1 2 1 2 1 3 1 1 2 3 4 1 2 3 3 1 1
Q125: 2 1 9 1 999 1 6 999 1 1 8 8 8 1 2 2 1 2 1 1 1 1 3 2 3 1 2 2 2
Q152: 8 2 2 2 2 1 2 2 2 1 8 8 2 2 2 2 1 2 4 2 4 2 999 999 999 3 9 2 9 2 2
Q183: 9 2 0 1
Q187TXT: 7TH
Q188: 8 1 2 2 2 5 36
Q195TXT: NURSING
Q196: 6 6 1 2 2 2 99 1 75
Q205TXT: NURSE CORINARY CARE
Q206: 2 8 1 1 1 1 2 999 9 1 20 1 1966 1

CASENUM: 4021 104021 1.29 1 2 3 1 2 2 2 2 3 2 3 3 2 3 3 4 999
Q22TXT:
Q23: 999
Q23TXT:
Q24: 999
Q24TXT:
Q25: 999
Q25TXT:
Q26: 999
Q26TXT:
Q27: 999
Q27TXT:
Q28YN: 2
Q28TXT:
Q45: 1 3 8 9 2 2 1 3 90 2 99 99 99 2 1 1 4 3 . 999 2 3 2 3 4 2 1 3 2 2
Q79: 8 8 8 8 1 1 2 2 3 2 1 4 4 1 2 3 2 3 2 3 2 2 2 2 2 4 2 2 8 3 2 2 3 2 2
Q125: 1 2 9 999 7 1 1 999 1 2 2 2 2 2 1 2 1 1 2 2 1 2 6 2 2 1 2 8 1
Q152: 8 1 1 2 1 1 8 2 8 1 8 8 2 8 2 2 1 2 8 4 1 2 999 999 999 2 9 9 1 1 2
Q183: 9 2 3 2
Q187TXT:
Q188: 4 5 2 3 3 3 99
Q195TXT:
Q196: 0 5 1 2 2 2 99 1 202
Q205TXT: morgage loans
Q206: 2 2 1 1 1 2 2 999 9 2 999 1 1974 2

Number of cases read: 2 Number of cases listed: 2