

Appendix A: Additional Tables

	All AAAS members in survey	--Among medical, natural or physical scientists--				All in other disciplines
		Working Ph.D. Scientists	Active Research Scientists	No recent grant	Others	
Number of respondents	3,748	1,627	1,246	381	1,384	737
Q16-17 Which of these comes closer to your view ...						
<i>NET Humans and other living things have evolved over time</i>	98%	99%	99%	98%	97%	99%
Evolution due to natural processes such as natural selection	90	91	91	90	89	91
Evolution guided by a supreme being	8	7	7	6	8	8
Humans and other living things have evolved, no answer on processes Q17	1	1	1	2	1	*
Existed in their present form since beginning of time	2	1	1	1	2	1
No answer Q16	*	*	0	*	*	*
	100	100	100	100	100	100
Q18 From what you've read or heard, do you think ...						
The Earth is getting warmer mostly due to human activity	87	88	90	83	86	86
The Earth is getting warmer mostly due to natural patterns in the Earth's environment	9	8	7	10	10	10
There is no solid evidence that the Earth is getting warmer	3	3	2	5	4	4
No answer	1	1	1	2	*	0
	100	100	100	100	100	100
Q19 How serious a problem is climate change?						
Very serious problem	77	78	79	73	76	76
Somewhat serious problem	17	17	17	19	17	16
Not too serious a problem	4	3	3	5	5	5
Not a problem	2	1	1	2	2	3
No answer	*	*	*	*	0	0
	100	100	100	100	100	100
Q22a Opinion on the use of animals in scientific research						
Favor	89	92	92	93	89	82
Oppose	9	6	6	6	9	16
No answer	2	2	2	1	2	2
	100	100	100	100	100	100
Q22b Opinion on building more nuclear power plants to generate electricity						
Favor	65	65	66	61	66	64
Oppose	33	33	32	37	32	34
No answer	2	2	2	2	2	2
	100	100	100	100	100	100
Q22c Opinion on the increased use of fracking ...						
Favor	31	29	28	32	32	33
Oppose	66	68	69	64	65	65
No answer	3	3	3	4	2	2
	100	100	100	100	100	100

Notes: "Working Ph.D. Scientists" are those employed full time who have a doctorate degree in a medical, natural or physical science; "Active Research Scientists" are "Working Ph.D. Scientists" who also report having received a research grant within the past five years. "No recent grant" refers to "Working Ph.D. Scientists" who have not received a research grant within the past five years. "Others" are AAAS members in a medical, natural or physical science who are not employed full-time and/or who do not have a doctorate degree.

Continued

	All AAAS members in survey	--Among medical, natural or physical scientists--				All in other disciplines
		Working Ph.D. Scientists	Active Research Scientists	No recent grant	Others	
Number of respondents	3,748	1,627	1,246	381	1,384	737
Q22d Opinion on the increased use of genetically engineered plants to create a liquid fuel replacement for gasoline						
Favor	78	80	79	81	79	72
Oppose	21	19	19	18	20	26
No answer	<u>2</u>	<u>2</u>	<u>2</u>	<u>1</u>	<u>1</u>	<u>1</u>
	100	100	100	100	100	100
Q22e Opinion on allowing more offshore oil drilling in U.S. waters						
Favor	32	31	30	34	33	33
Oppose	66	67	68	63	66	65
No answer	<u>2</u>	<u>2</u>	<u>2</u>	<u>3</u>	<u>1</u>	<u>2</u>
	100	100	100	100	100	100
Q23 Thinking about childhood diseases, such as measles, mumps, rubella and polio, do you think ...						
All children should be required to be vaccinated	86	87	87	86	86	85
Parents should be able to decide NOT to vaccinate their children	13	13	13	13	13	14
No answer	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>
	100	100	100	100	100	100
Q24 Which of these statements comes closest to your point of view ...						
The growing world population will NOT be a major problem because we will find a way to stretch our natural resources	17	17	16	18	16	21
The growing population WILL be a major problem because there won't be enough food and resources to go around	82	83	83	80	83	78
No answer	*	<u>1</u>	*	<u>1</u>	*	<u>1</u>
	100	100	100	100	100	100
Q25 Do you think the space station has been ... for the country						
A good investment	68	65	64	69	70	69
Not a good investment	31	33	35	29	29	28
No answer	<u>2</u>	2	1	2	1	2
	100	100	100	100	100	100
Q26 The cost of sending human astronauts to space is considerably greater than the costs of using robotic machines for space exploration. As you think about the future of the U.S. space program, do you think it is ... to include the use of human astronauts in space?						
Essential	47	47	46	49	48	45
Not essential	52	52	53	49	52	54
No answer	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>
	100	100	100	100	100	100
Q27 Do you think it is generally ... to eat foods grown with pesticides						
Safe	68	72	71	74	67	61
Unsafe	31	27	28	26	32	39
No answer	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>	*
	100	100	100	100	100	100
Q28 Do you think it is generally ... to eat genetically modified foods						
Safe	88	90	91	90	87	83
Unsafe	11	9	9	10	11	16
No answer	<u>1</u>	<u>1</u>	<u>1</u>	*	<u>1</u>	<u>1</u>
	100	100	100	100	100	100

AAAS members by employment status, employment sector, education

Number of respondents	All AAAS members in survey	Employment status			Employment sector			Highest degree	
		Full time	Part time	Not employed	University/college	Business/industry	Other employers	Doctoral level	All others
	3,748	2,301	452	970	1,553	586	611	2,885	863
Q16-17 Which of these comes closer to your view ...									
<i>NET Humans and other living things have evolved over time</i>									
	98%	98%	98%	98%	98%	98%	99%	99%	97%
Evolution due to natural processes such as natural selection	90	90	89	90	90	90	90	91	87
Evolution guided by a supreme being	8	8	9	6	8	8	8	7	9
Humans and other living things have evolved, no answer on processes Q17	1	1	1	1	1	1	1	1	0
Existed in their present form since beginning of time	2	1	1	2	2	2	0	1	3
No answer Q16	<u>*</u>	<u>*</u>	<u>1</u>	<u>*</u>	<u>*</u>	<u>0</u>	<u>1</u>	<u>*</u>	<u>0</u>
	100	100	100	100	100	100	100	100	100
Q18 From what you've read or heard, do you think ...									
The Earth is getting warmer mostly due to human activity	87	88	87	84	91	78	90	88	85
The Earth is getting warmer mostly due to natural patterns in the Earth's environment	9	8	10	12	6	15	7	9	10
There is no solid evidence that the Earth is getting warmer	3	3	3	4	3	7	2	3	4
No answer	<u>1</u>	<u>1</u>	<u>*</u>	<u>*</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>*</u>
	100	100	100	100	100	100	100	100	100
Q19 How serious a problem is climate change?									
Very serious problem	77	77	75	77	79	68	79	77	75
Somewhat serious problem	17	17	18	15	17	20	16	17	17
Not too serious a problem	4	4	4	6	3	8	3	4	5
Not a problem	2	2	3	2	1	5	2	2	3
No answer	<u>*</u>	<u>*</u>	<u>0</u>	<u>0</u>	<u>*</u>	<u>*</u>	<u>0</u>	<u>*</u>	<u>0</u>
	100	100	100	100	100	100	100	100	100
Q22a Opinion on the use of animals in scientific research									
Favor	89	90	90	87	91	89	87	91	85
Oppose	9	9	8	11	7	10	11	7	13
No answer	<u>2</u>	<u>2</u>	<u>2</u>	<u>2</u>	<u>2</u>	<u>2</u>	<u>2</u>	<u>2</u>	<u>2</u>
	100	100	100	100	100	100	100	100	100

AAAS members by employment status, employment sector, education continued

Number of respondents	All AAAS members in survey 3,748	Employment status			Employment sector			Highest degree	
		Full time 2,301	Part time 452	Not employed 970	University/college 1,553	Business/industry 586	Other employers 611	Doctoral level 2,885	All others 863
Q22b Opinion on building more nuclear power plants to generate electricity									
Favor	65	65	64	67	63	70	65	66	65
Oppose	33	33	34	32	35	29	32	33	34
No answer	<u>2</u>	<u>2</u>	<u>2</u>	<u>2</u>	<u>2</u>	<u>2</u>	<u>2</u>	<u>2</u>	<u>2</u>
	100	100	100	100	100	100	100	100	100
Q22c Opinion on the increased use of fracking ...									
Favor	31	28	38	34	25	43	30	32	27
Oppose	66	69	60	63	72	54	68	65	71
No answer	<u>3</u>	<u>3</u>	<u>2</u>	<u>3</u>	<u>3</u>	<u>2</u>	<u>3</u>	<u>3</u>	<u>2</u>
	100	100	100	100	100	100	100	100	100
Q22d Opinion on the increased use of genetically engineered plants to create a liquid fuel replacement for gasoline									
Favor	78	79	76	77	80	76	76	79	75
Oppose	21	20	23	22	19	23	22	19	24
No answer	<u>2</u>	<u>2</u>	<u>2</u>	<u>1</u>	<u>1</u>	<u>2</u>	<u>3</u>	<u>2</u>	<u>1</u>
	100	100	100	100	100	100	100	100	100
Q22e Opinion on allowing more offshore oil drilling in U.S. waters									
Favor	32	30	33	36	26	44	29	33	30
Oppose	66	68	66	62	72	54	69	65	69
No answer	<u>2</u>	<u>2</u>	<u>1</u>	<u>2</u>	<u>2</u>	<u>2</u>	<u>2</u>	<u>2</u>	<u>1</u>
	100	100	100	100	100	100	100	100	100
Q23 Thinking about childhood diseases, such as measles, mumps, rubella and polio, do you think ...									
All children should be required to be vaccinated	86	86	82	87	87	83	84	87	84
Parents should be able to decide NOT to vaccinate their children	13	13	17	12	13	16	15	12	16
No answer	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>	*	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>
	100	100	100	100	100	100	100	100	100
Q24 Which of these statements comes closest to your point of view ...									
The growing world population will NOT be a major problem because we will find a way to stretch our natural resources	17	17	18	17	16	25	15	17	18
The growing population WILL be a major problem because there won't be enough food and resources to go around	82	82	81	83	84	75	85	82	81
No answer	*	<u>1</u>	*	*	*	<u>1</u>	<u>1</u>	<u>1</u>	*
	100	100	100	100	100	100	100	100	100

AAAS members by employment status, employment sector, education continued

Number of respondents	All AAAS members in survey	<i>Employment status</i>			<i>Employment sector</i>			<i>Highest degree</i>	
		Full time	Part time	Not employed	University/college	Business/industry	Other employers	Doctoral level	All others
	3,748	2,301	452	970	1,553	586	611	2,885	863
Q25 Do you think the space station has been ...									
A good investment	68	68	72	66	68	71	67	64	77
Not a good investment	31	31	28	32	31	28	31	34	21
No answer	<u>2</u>	<u>1</u>	<u>1</u>	<u>2</u>	<u>1</u>	<u>1</u>	<u>2</u>	<u>2</u>	<u>2</u>
	100	100	100	100	100	100	100	100	100
Q26 The cost of sending human astronauts to space is considerably greater than the costs of using robotic machines for space exploration. As you think about the future of the U.S. space program, do you think it is ... to include the use of human astronauts in space?									
Essential	47	48	50	42	48	52	48	45	52
Not essential	52	51	49	58	51	48	51	55	47
No answer	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>	*	<u>1</u>	<u>1</u>	<u>1</u>
	100	100	100	100	100	100	100	100	100
Q27 Do you think it is generally ... to eat foods grown with pesticides									
Safe	68	69	67	65	68	75	65	70	62
Unsafe	31	30	33	34	31	25	34	29	38
No answer	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>	*	<u>1</u>	<u>1</u>	<u>1</u>
	100	100	100	100	100	100	100	100	100
Q28 Do you think it is generally ... to eat genetically modified foods									
Safe	88	88	86	88	89	87	86	90	83
Unsafe	11	11	12	11	10	12	13	9	16
No answer	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>
	100	100	100	100	100	100	100	100	100

AAAS members by primary discipline

Number of respondents	All AAAS members in survey	Biomedical sciences	Chemistry	Earth Sciences	Engineering	Math & Computer Sciences	Physics & Astronomy	Social, History, Policy	Other
	3,748	1,802	429	270	243	182	328	333	158

Q16-17 Which of these comes closer to your view ...

NET Humans and other living things have evolved over time

Evolution due to natural processes such as natural selection	98%	98%	95%	100%	98%	99%	99%	99%	99%
Evolution guided by a supreme being	90	90	84	93	86	91	88	94	90
Humans and other living things have evolved, no answer on processes Q17	8	7	10	6	11	6	10	5	8
Existed in their present form since beginning of time	1	1	1	1	0	2	1	0	2
No answer Q16	2	2	4	*	2	1	1	1	1
	*	*	*	0	*	*	1	0	0
	100	100	100	100	100	100	100	100	100

Q18 From what you've read or heard, do you think ...

The Earth is getting warmer mostly due to human activity	87	89	80	89	80	85	85	91	86
The Earth is getting warmer mostly due to natural patterns in the Earth's environment	9	7	15	8	15	11	11	6	11
There is no solid evidence that the Earth is getting warmer	3	3	5	2	6	3	3	3	3
No answer	1	1	1	*	0	2	2	0	0
	100	100	100	100	100	100	100	100	100

Q19 How serious a problem is climate change?

Very serious problem	77	79	68	77	64	73	76	84	80
Somewhat serious problem	17	17	22	18	22	13	16	12	12
Not too serious a problem	4	3	6	5	7	9	6	4	6
Not a problem	2	1	3	1	7	5	2	1	1
No answer	*	*	0	0	0	1	*	0	0
	100	100	100	100	100	100	100	100	100

Q22a Opinion on the use of animals in scientific research

Favor	89	94	90	78	85	85	85	77	89
Oppose	9	5	9	17	13	10	11	20	10
No answer	2	1	1	5	2	5	4	2	2
	100	100	100	100	100	100	100	100	100

AAAS members by primary discipline continued

Number of respondents	All AAAS members in survey 3,748	Biomedical sciences 1,802	Chemistry 429	Earth Sciences 270	Engineering 243	Math & Computer Sciences 182	Physics & Astronomy 328	Social, History, Policy 333	Other 158
Q22b Opinion on building more nuclear power plants to generate electricity									
Favor	65	62	71	66	75	69	79	57	61
Oppose	33	36	27	32	23	28	19	41	36
No answer	<u>2</u>	<u>2</u>	<u>2</u>	<u>2</u>	<u>2</u>	<u>3</u>	<u>2</u>	<u>2</u>	<u>3</u>
	100	100	100	100	100	100	100	100	100
Q22c Opinion on the increased use of fracking ...									
Favor	31	25	39	42	53	34	42	21	29
Oppose	66	73	59	55	45	61	53	77	69
No answer	<u>3</u>	<u>2</u>	<u>3</u>	<u>3</u>	<u>2</u>	<u>5</u>	<u>5</u>	<u>2</u>	<u>2</u>
	100	100	100	100	100	100	100	100	100
Q22d Opinion on the increased use of genetically engineered plants to create a liquid fuel replacement for gasoline									
Favor	78	81	79	70	74	74	77	70	74
Oppose	21	17	20	28	25	22	21	28	25
No answer	<u>2</u>	<u>1</u>	<u>2</u>	<u>2</u>	*	<u>4</u>	<u>2</u>	<u>2</u>	<u>1</u>
	100	100	100	100	100	100	100	100	100
Q22e Opinion on allowing more offshore oil drilling in U.S. waters									
Favor	32	28	41	36	56	34	37	21	24
Oppose	66	70	58	63	42	64	60	78	75
No answer	<u>2</u>	<u>1</u>	<u>2</u>	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>2</u>	<u>2</u>
	100	100	100	100	100	100	100	100	100
Q23 Thinking about childhood diseases, such as measles, mumps, rubella and polio, do you think ...									
All children should be required to be vaccinated	86	87	84	87	84	81	88	86	85
Parents should be able to decide NOT to vaccinate their children	13	13	15	12	15	19	11	13	14
No answer	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>	*	<u>1</u>
	100	100	100	100	100	100	100	100	100

AAAS members by primary discipline continued

Number of respondents	All AAAS members in survey	Biomedical sciences	Chemistry	Earth Sciences	Engineering	Math & Computer Sciences	Physics & Astronomy	Social, History, Policy	Other
	3,748	1,802	429	270	243	182	328	333	158
Q24 Which of these statements comes closest to your point of view ...									
The growing world population will NOT be a major problem because we will find a way to stretch our natural resources									
	17	15	18	13	28	24	22	17	18
The growing world population WILL be a major problem because there won't be enough food and resources to go around									
	82	84	81	87	72	75	77	82	82
No answer	<u>*</u>	<u>*</u>	<u>*</u>	<u>0</u>	<u>*</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>0</u>
	100	100	100	100	100	100	100	100	100
Q25 Do you think the space station has been ...									
A good investment									
	68	71	68	63	67	62	51	71	68
Not a good investment									
	31	28	32	35	31	37	48	26	29
No answer	<u>2</u>	<u>2</u>	<u>*</u>	<u>3</u>	<u>2</u>	<u>2</u>	<u>1</u>	<u>3</u>	<u>3</u>
	100	100	100	100	100	100	100	100	100
Q26 The cost of sending human astronauts to space is considerably greater than the costs of using robotic machines for space exploration. As you think about the future of the U.S. space program, do you think it is ... to include the use of human astronauts in space?									
Essential									
	47	50	46	43	49	42	41	43	45
Not essential									
	52	50	53	57	51	57	58	55	55
No answer	<u>1</u>	<u>1</u>	<u>1</u>	<u>*</u>	<u>0</u>	<u>1</u>	<u>1</u>	<u>2</u>	<u>1</u>
	100	100	100	100	100	100	100	100	100
Q27 Do you think it is generally ... to eat foods grown with pesticides									
Safe									
	68	68	77	68	66	67	73	56	63
Unsafe									
	31	32	22	31	34	31	25	43	37
No answer	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>0</u>	<u>2</u>	<u>2</u>	<u>1</u>	<u>0</u>
	100	100	100	100	100	100	100	100	100
Q28 Do you think it is generally ... to eat genetically modified foods									
Safe									
	88	91	88	83	88	82	89	79	84
Unsafe									
	11	9	11	15	11	15	9	20	16
No answer	<u>1</u>	<u>1</u>	<u>1</u>	<u>2</u>	<u>*</u>	<u>3</u>	<u>2</u>	<u>1</u>	<u>*</u>
	100	100	100	100	100	100	100	100	100