

TABLE S7-32

## Public assessment of astrology, by respondent characteristic: 1979–2018

(Percent)

Characteristic	1979 (n = 1,635)	1983 (n = 1,615)	1985 (n = 1,986)	1988 (n = 2,041)	1990 (n = 2,005)	1992 (n = 1,995)	1995 (n = 2,006)	1997 (n = 2,000)	1999 (n = 1,882)	2001 (n = 1,574)	2004 (n = 2,025)	2006 (n = 1,864)	2008 (n = 2,021)	2010 (n = 1,434)	2012 (n = 2,256)	2014 (n = 2,130)	2016 (n = 1,390)	2018 (n = 1,175)
All adults																		
Very scientific	8	10	8	6	6	7	7	7	7	9	6	5	5	6	10	6	8	6
Sort of scientific	34	35	31	31	29	29	28	29	29	31	26	26	28	28	32	26	29	33
Not at all scientific	50	51	57	60	60	62	60	59	59	56	66	65	63	62	55	65	60	58
Don't know	9	4	4	3	5	3	5	5	5	4	3	4	4	3	4	3	3	4
Sex																		
Male																		
Very scientific	7	9	7	5	5	6	7	7	7	9	5	5	5	7	10	5	8	5
Sort of scientific	30	29	29	25	23	25	24	27	25	27	21	23	28	24	27	25	26	26
Not at all scientific	54	58	60	67	66	66	65	63	63	60	72	68	64	67	60	69	64	66
Don't know	9	4	3	3	5	2	4	2	5	4	2	4	4	2	3	2	2	3
Female																		
Very scientific	8	10	9	7	6	7	7	7	7	8	6	5	5	6	10	6	9	7
Sort of scientific	37	41	32	36	35	32	32	31	32	36	30	29	28	32	36	28	32	38
Not at all scientific	46	44	55	53	55	58	56	55	56	52	61	63	63	58	50	62	57	52
Don't know	9	5	4	3	5	3	6	7	5	4	3	4	4	4	4	4	3	4
Formal education																		
Less than high school diploma																		
Very scientific	11	13	14	11	7	12	11	11	13	14	10	10	7	10	14	10	16	8
Sort of scientific	34	37	38	35	31	34	30	37	34	35	38	41	40	37	42	32	40	40
Not at all scientific	39	40	42	50	49	49	46	42	41	45	50	42	42	48	34	51	38	40
Don't know	16	10	5	4	12	5	13	10	13	6	2	8	11	4	10	7	5	12
High school diploma																		
Very scientific	7	10	8	6	6	6	8	7	7	9	7	5	6	7	11	6	10	7

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Sort of scientific	37	38	29	32	32	31	28	30	30	35	29	29	31	32	33	31	31	36
Not at all scientific	50	50	60	59	60	61	61	60	60	52	62	62	61	58	52	60	57	54
Don't know	6	2	3	3	2	2	3	4	3	4	2	4	3	3	4	2	3	2
Bachelor's degree																		
Very scientific	1	3	4	2	4	3	6	2	2	4	2	2	2	3	5	2	2	1
Sort of scientific	23	26	25	24	19	19	34	21	20	25	17	16	19	17	25	16	21	25
Not at all scientific	67	69	68	72	75	76	60	75	76	69	80	78	79	78	69	80	76	71
Don't know	9	3	3	1	2	3	*	2	3	2	1	4	1	2	1	2	1	3
Graduate or professional degree																		
Very scientific	5	5	1	*	1	3	2	4	2	3	*	*	3	2	3	2	2	5
Sort of scientific	15	23	23	19	17	14	22	15	19	13	16	12	12	16	24	11	23	17
Not at all scientific	76	69	74	78	80	82	74	78	77	83	83	84	83	79	72	84	73	75
Don't know	4	3	2	2	2	*	2	2	2	*	1	4	3	3	1	2	1	2
Age (years)																		
18–24																		
Very scientific	9	13	10	10	5	14	9	11	7	17	10	5	5	11	14	10	11	5
Sort of scientific	40	43	39	36	37	37	33	38	40	39	36	34	38	43	44	40	33	52
Not at all scientific	47	42	51	54	56	49	53	50	50	42	52	56	55	46	42	48	54	43
Don't know	4	3	*	0	2	1	5	1	3	1	2	5	1	0	1	2	2	0
25–34																		
Very scientific	7	7	6	6	6	4	9	6	5	10	6	8	6	8	10	6	7	10
Sort of scientific	36	39	32	32	32	33	30	32	30	33	33	28	30	33	35	35	37	39
Not at all scientific	52	51	60	60	61	62	59	59	61	54	60	60	62	58	52	56	53	50

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Don't know	4	3	1	1	2	1	2	3	3	3	1	4	2	1	2	2	3	2
35–44																		
Very scientific	6	11	8	6	5	7	4	4	7	7	4	5	5	8	10	8	9	5
Sort of scientific	37	32	29	31	26	27	32	26	32	32	24	28	31	27	33	26	27	27
Not at all scientific	53	54	61	60	68	64	61	66	59	58	69	65	61	64	51	64	62	63
Don't know	5	3	2	2	1	3	3	4	1	3	2	2	3	1	5	2	2	4
45–54																		
Very scientific	8	7	5	4	7	6	4	4	5	5	4	3	4	5	10	7	8	4
Sort of scientific	28	40	32	26	25	27	26	28	23	27	18	24	24	23	28	22	28	36
Not at all scientific	54	50	59	66	64	63	67	65	67	66	74	70	68	69	58	69	61	59
Don't know	10	3	5	4	4	4	3	4	5	3	3	3	4	3	4	2	3	2
55–64																		
Very scientific	10	8	11	5	5	3	8	7	10	6	6	3	4	6	8	2	9	6
Sort of scientific	32	33	24	33	25	18	20	17	27	27	25	24	26	24	31	20	27	27
Not at all scientific	44	56	56	56	59	77	66	69	58	62	66	68	67	65	57	75	62	62
Don't know	15	3	9	5	10	2	6	7	6	5	3	5	4	5	4	3	1	5
65 or older																		
Very scientific	5	12	11	6	5	7	10	11	11	6	6	5	5	2	8	5	6	5
Sort of scientific	26	24	26	27	29	27	22	31	20	31	26	21	21	24	25	21	24	23
Not at all scientific	50	52	55	60	53	60	55	47	57	54	64	68	65	67	62	70	66	65
Don't know	19	12	8	6	13	6	12	11	13	9	3	7	9	8	5	4	4	6
Correct answers to questions about basic scientific facts <sup>a</sup>																		
Low																		
Very scientific	na	na	na	na	na	10	8	11	13	10	na	5	6	9	12	8	12	7

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Sort of scientific	na	na	na	na	na	34	34	31	31	38	na	36	34	32	39	37	30	41
Not at all scientific	na	na	na	na	na	50	45	44	38	42	na	50	47	52	35	48	49	43
Don't know	na	na	na	na	na	6	14	14	18	10	na	8	13	6	13	7	8	9
Middle																		
Very scientific	na	na	na	na	na	7	10	8	8	11	na	6	6	9	13	7	10	7
Sort of scientific	na	na	na	na	na	32	30	33	33	35	na	31	35	33	37	32	34	39
Not at all scientific	na	na	na	na	na	59	57	57	57	50	na	58	57	55	48	59	54	50
Don't know	na	na	na	na	na	2	3	3	2	3	na	5	2	3	3	2	2	3
High																		
Very scientific	na	na	na	na	na	3	3	4	4	6	na	3	3	3	6	3	4	4
Sort of scientific	na	na	na	na	na	22	21	24	23	25	na	17	19	21	24	17	24	21
Not at all scientific	na	na	na	na	na	74	75	71	72	68	na	78	76	74	70	78	71	74
Don't know	na	na	na	na	na	2	1	2	1	2	na	2	1	2	1	2	*	1
Understanding of scientific inquiry <sup>b</sup>																		
Understands scientific inquiry																		
Very scientific	na	na	na	na	na	na	2	3	4	4	2	4	3	2	5	3	5	3
Sort of scientific	na	na	na	na	na	na	24	26	22	29	19	19	18	24	26	20	23	26
Not at all scientific	na	na	na	na	na	na	74	70	73	66	78	75	77	73	68	76	72	69
Don't know	na	na	na	na	na	na	1	1	2	1	1	2	2	1	1	1	1	2
Doesn't understand scientific inquiry																		
Very scientific	na	na	na	na	na	na	9	9	9	12	8	5	6	11	12	7	11	9
Sort of scientific	na	na	na	na	na	na	29	31	32	33	31	31	33	32	35	32	34	38
Not at all scientific	na	na	na	na	na	na	55	53	53	49	58	58	56	54	48	57	51	49

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Don't know	na	na	na	na	na	na	6	7	7	6	3	5	5	4	5	4	4	5

\* = &lt; 0.5% responded. na = not applicable; question was not asked.

<sup>a</sup> See notes to Table S7-1 for an explanation of the questions asked about basic scientific facts.<sup>b</sup> See notes to Table S7-28 for an explanation of scientific inquiry. Because 41 survey respondents in 2001 were not asked all the questions related to understanding of scientific inquiry, it is not possible to conclude whether they understood scientific inquiry.**Note(s)**Responses are to the following: *Would you say that astrology is very scientific, sort of scientific, or not at all scientific?* This table includes all years for which data were collected. Percentages may not add to 100% because of rounding.**Source(s)**

National Center for Science and Engineering Statistics, National Science Foundation, Survey of Public Attitudes Toward and Understanding of Science and Technology (1979–2001); University of Michigan, Survey of Consumer Attitudes (2004); NORC at the University of Chicago, General Social Survey (2006–18).