

	1977	1982	1986	1990	1992	1994	1996	1999	
-- Total --	100 (****) 220 (1.2)c	100 (****) 221 (1.8)c	100 (****) 224 (1.2)c	100 (****) 229 (0.8)	100 (****) 231 (1.0)	100 (****) 231 (1.2)	100 (****) 230 (1.2)	100 (****) 229 (0.9)	Lq
Gender									
Male	51 (0.4) 222 (1.3)c	51 (1.5) 221 (2.3)c	50 (0.6) 227 (1.4)	49 (0.6) 230 (1.1)	49 (0.6) 235 (1.2)c	49 (0.8) 232 (1.3)	50 (0.6) 231 (1.7)	49 (0.7) 231 (1.3)	Lq
Female	49 (0.4) 218 (1.2)c	49 (1.5) 221 (2.0)c	50 (0.6) 221 (1.4)c	51 (0.6) 227 (1.0)	51 (0.6) 227 (1.0)	51 (0.8) 230 (1.4)	50 (0.6) 228 (1.5)	51 (0.7) 228 (1.1)	L
Race/Ethnicity									
White	80 (1.6)c 230 (0.9)c	79 (2.6)c 229 (1.9)c	77 (1.1)c 232 (1.2)c	74 (1.1)c 237 (0.8)	75 (0.9)c 239 (1.0)	74 (0.9)c 240 (1.3)	71 (1.1) 239 (1.4)	70 (0.7) 240 (0.9)	L
Black	14 (1.4)c 175 (1.8)c	14 (2.1) 187 (3.0)c	15 (0.5)c 196 (1.9)	16 (0.7) 196 (2.0)	16 (0.4)c 200 (2.7)	15 (0.5)c 201 (1.7)	16 (0.5)c 202 (3.0)	18 (0.6) 199 (2.5)	Lq
Hispanic	5 (0.9)c 192 (2.7)c	5 (1.3) 189 (4.2)c	6 (1.1) 199 (3.1)	5 (0.6)c 206 (2.2)	6 (0.8) 205 (2.8)	6 (0.4)c 201 (2.7)	8 (1.0) 207 (2.8)	8 (0.6) 206 (2.2)	L
Other	2 (0.3)c 214 (5.4)c	2 (1.0) **** (****)	2 (0.5)c 221 (4.6)	4 (1.0) 227 (3.6)	3 (0.4) 226 (3.4)	4 (0.4) 216 (4.2)c	5 (1.2) 221 (5.0)	4 (0.4) 230 (3.9)	
Grade									
Below modal grade	24 (1.0)c 198 (1.6)c	30 (1.9)c 198 (2.9)c	34 (1.7) 205 (1.6)c	35 (1.4) 211 (1.5)c	38 (1.2) 215 (1.4)	33 (1.3) 215 (1.7)	33 (1.9) 214 (1.3)	35 (1.0) 216 (1.5)	L
At modal grade	75 (1.0)c 227 (1.2)c	69 (1.9)c 231 (2.2)c	66 (1.7) 234 (1.2)	65 (1.4) 238 (1.0)	62 (1.2) 240 (1.0)c	66 (1.3) 239 (1.3)	66 (1.9) 238 (1.6)	65 (1.0) 237 (1.0)	Lq
Above modal grade	1 (0.1)c 244 (6.2)	0 (0.2) **** (****)	0 (0.1) **** (****)	0 (0.1) **** (****)	0 (0.1) **** (****)	0 (0.1) **** (****)	0 (0.0) **** (****)	0 (0.0) **** (****)	NA

c This value is significantly different from the value for 1999 at about the 95 percent certainty level.

L/q indicates a significant positive (L) or negative (q) linear trend; Q/q indicates a positive (Q) or negative (q) quadratic trend; NA means trends were not tested because there were fewer than five trend points with sufficient sample size to estimate the statistics and their standard errors.

(****) Standard error estimates cannot be accurately determined.

****(****) Sample size is insufficient to permit a reliable estimate.

	1977	1982	1986	1990	1992	1994	1996	1999
Region								
Northeast	25 (1.5) 224 (1.6)c	19 (2.3) 222 (2.9)c	21 (1.1) 228 (3.5)c	23 (0.9) 231 (2.4)	21 (1.2) 234 (2.8)	22 (0.9) 235 (2.5)	22 (2.3) 234 (2.6)	22 (2.0) 238 (2.8) L
Southeast	20 (1.2) 205 (2.9)c	23 (2.7) 214 (3.6)	23 (4.7) 219 (3.1)	24 (0.9) 220 (1.9)	24 (1.3) 223 (1.7)	25 (1.5) 227 (2.2)	23 (2.6) 224 (3.4)	22 (2.2) 223 (3.2) Lq
Central	30 (1.9) 225 (2.2)c	30 (4.3) 226 (3.5)	29 (4.0) 228 (2.2)	24 (0.6) 234 (1.7)	28 (0.8) 238 (1.8)	26 (1.0) 236 (2.7)	25 (0.9) 234 (2.4)	27 (1.6) 233 (1.8) L
West	25 (2.0) 221 (2.2)	28 (2.7) 220 (4.1)	28 (1.6) 222 (3.2)	28 (0.8) 229 (1.8)c	27 (0.8) 227 (2.2)	28 (1.0) 226 (2.7)	30 (2.6) 228 (1.9)	29 (1.7) 224 (1.4) L
Type of location								
Central city	----- -----	----- -----	----- -----	----- -----	----- -----	32 (2.7) 222 (2.7)	42 (3.9)c 224 (2.1)	33 (1.9) 221 (1.9) NA
Urban fringe/lrg town	----- -----	----- -----	----- -----	----- -----	----- -----	44 (3.3) 236 (1.7)	32 (2.7)c 236 (2.2)	41 (3.0) 234 (1.6) NA
Rural/small town	----- -----	----- -----	----- -----	----- -----	----- -----	24 (4.0) 233 (2.3)	25 (4.4) 231 (3.6)	26 (2.5) 232 (1.7) NA
Parents' Education Level								
Less than H.S.	9 (0.4)c 198 (2.2)c	6 (0.9)c 198 (6.0)	4 (0.4) 204 (2.9)	5 (0.4) 210 (2.7)	4 (0.3) 217 (2.6)	4 (0.4) 211 (3.4)	4 (0.5) 210 (2.9)	4 (0.3) 213 (3.9) L
Graduated H.S.	27 (0.5)c 223 (1.4)c	15 (1.1)c 218 (3.3)	16 (0.7)c 220 (1.5)	16 (0.7)c 226 (1.7)c	14 (0.7) 222 (1.9)	14 (0.6)c 225 (1.4)c	13 (0.6) 222 (2.3)	12 (0.4) 218 (1.9)
Some educ after H.S.	7 (0.3) 237 (1.5)	8 (0.6) 229 (3.2)	7 (0.6) 236 (2.6)	7 (0.4) 238 (2.1)	8 (0.4) 237 (2.4)	7 (0.4) 239 (2.8)	7 (0.4) 242 (2.9)	7 (0.3) 234 (3.1)
Graduated college	23 (0.7)c 232 (1.4)c	42 (2.3) 231 (2.3)c	38 (1.1)c 235 (1.4)	40 (1.1)c 236 (1.3)	42 (1.2)c 239 (1.2)	45 (0.8) 238 (1.4)	43 (1.2) 240 (1.6)	45 (1.1) 237 (1.1) L
Unknown	34 (0.7) 211 (1.4)c	29 (1.8) 211 (2.8)c	35 (1.0)c 215 (1.5)c	32 (0.8) 221 (1.2)	33 (0.8) 224 (1.4)	30 (0.8) 223 (1.9)	33 (0.9) 219 (1.3)c	32 (0.9) 224 (1.3) L

c This value is significantly different from the value for 1999 at about the 95 percent certainty level.

L/l indicates a significant positive (L) or negative (l) linear trend; Q/q indicates a positive (Q) or negative (q) quadratic trend;
 NA means trends were not tested because there were fewer than five trend points with sufficient sample size to estimate the statistics
 and their standard errors.

(****) Standard error estimates cannot be accurately determined.

*****(*) Sample size is insufficient to permit a reliable estimate.

-----(---) Data are unavailable for this assessment year.

	1977	1982	1986	1990	1992	1994	1996	1999
Type of School								
Public	89 (1.2) 218 (1.4)c	90 (2.3) 220 (2.0)c	84 (2.7) 223 (1.4)c	89 (2.1) 228 (0.9)	87 (1.6) 229 (1.0)	88 (1.8) 229 (1.4)	87 (1.5) 228 (1.3)	88 (1.6) 228 (0.9) Lq
Nonpublic	11 (1.2) 235 (2.2)	10 (2.3) 231 (3.2)	16 (2.7) 233 (2.9)	11 (2.1) 237 (2.4)	13 (1.6) 240 (2.7)	12 (1.8) 242 (2.8)	13 (1.5) 238 (4.1)	12 (1.7) 239 (2.6) L
Quartiles								
Upper	25 (0.8) 266 (0.9)c	25 (1.7) 268 (1.8)	25 (0.9) 269 (1.2)	25 (0.8) 271 (0.8)	25 (0.8) 273 (1.2)	25 (0.8) 274 (1.1)c	25 (1.2) 275 (1.0)c	25 (0.8) 271 (0.8) Lq
Middle two	50 (0.8) 222 (0.5)c	50 (1.5) 222 (1.1)c	50 (0.9) 226 (0.6)c	50 (0.9) 231 (0.5)	50 (0.8) 233 (0.7)	50 (0.6) 233 (1.1)	50 (1.0) 231 (1.1)	50 (0.9) 232 (0.5) Lq
Lower	25 (1.2) 170 (1.1)c	25 (1.5) 171 (2.0)c	25 (1.3) 177 (1.0)c	25 (0.9) 182 (0.9)	25 (0.9) 184 (1.2)	25 (0.7) 183 (1.2)	25 (1.0) 181 (1.3)	25 (0.9) 183 (0.9) Lq
Television Watched Each Day								
0-2 hours	-----(-) -----(-)	-----(-) -----(-)	29 (0.9)c 226 (2.1)c	37 (0.9)c 231 (1.3)	40 (1.0)c 234 (1.3)	43 (1.0) 233 (1.8)	47 (1.1) 234 (1.5)	46 (1.2) 233 (1.1) Lq
3-5 hours	-----(-) -----(-)	-----(-) -----(-)	40 (0.8)c 230 (1.4)	39 (0.7)c 233 (1.2)	41 (0.8)c 234 (1.2)	38 (0.9)c 236 (1.5)	36 (1.0) 232 (1.7)	35 (0.7) 232 (1.4) q
6 hours or more	-----(-) -----(-)	-----(-) -----(-)	31 (1.1)c 215 (1.5)	23 (0.8)c 217 (1.5)	19 (0.8) 218 (1.6)	19 (0.8) 217 (1.7)	18 (0.9) 215 (2.2)	19 (0.9) 215 (1.7)

c This value is significantly different from the value for 1999 at about the 95 percent certainty level.

L/q indicates a significant positive (L) or negative (q) linear trend; Q/q indicates a positive (Q) or negative (q) quadratic trend; NA means trends were not tested because there were fewer than five trend points with sufficient sample size to estimate the statistics and their standard errors.

(****) Standard error estimates cannot be accurately determined.

***** (****) Sample size is insufficient to permit a reliable estimate.

-----(-) Data are unavailable for this assessment year.

	1977	1982	1986	1990	1992	1994	1996	1999
Rules Concerning Television Viewing								
Have rules	-----(- - -)	-----(- - -)	37 (0.7)c	38 (0.7)c	39 (1.0)c	42 (0.9)	44 (1.1)	43 (1.2)
	-----(- - -)	-----(- - -)	223 (1.5)c	228 (1.5)	231 (1.2)	231 (1.3)	233 (1.6)c	229 (1.4) Lq
Do not have rules	-----(- - -)	-----(- - -)	63 (0.7)c	62 (0.7)c	61 (1.0)c	58 (0.9)	56 (1.1)	57 (1.2)
	-----(- - -)	-----(- - -)	225 (1.4)c	229 (0.8)	231 (1.0)	231 (1.4)	228 (1.4)	230 (1.0) Lq
Mother's Education								
Less than H.S.	-----(- - -)	8 (1.0)c	6 (0.4)c	6 (0.4)c	5 (0.3)	4 (0.4)	5 (0.5)	4 (0.3)
	-----(- - -)	197 (4.8)c	207 (3.6)	212 (2.6)	216 (3.5)	211 (3.0)	213 (3.2)	214 (3.7) L
Graduated H.S.	-----(- - -)	13 (1.0)	17 (0.8)c	17 (0.7)c	15 (0.7)c	16 (0.6)c	14 (0.7)	14 (0.4)
	-----(- - -)	223 (3.1)	225 (1.4)	230 (1.5)c	226 (1.8)	229 (1.9)c	227 (2.0)	222 (1.6) q
Some educ after H.S.	-----(- - -)	7 (0.6)	6 (0.4)	7 (0.3)	7 (0.3)c	7 (0.4)c	7 (0.4)	6 (0.4)
	-----(- - -)	237 (5.4)	240 (2.5)	243 (2.2)	241 (2.4)	241 (2.5)	246 (3.1)	238 (2.9)
Graduated college	-----(- - -)	33 (1.9)c	29 (1.1)c	31 (1.0)c	32 (1.1)c	36 (0.7)	35 (1.2)	37 (1.0)
	-----(- - -)	233 (2.6)	236 (1.3)	236 (1.4)	240 (1.3)	239 (1.4)	241 (1.7)	238 (1.2) L
Unknown	-----(- - -)	39 (1.8)	42 (1.1)c	39 (0.7)	40 (0.9)	37 (0.8)	40 (1.0)	39 (0.9)
	-----(- - -)	212 (1.9)c	217 (1.5)c	222 (1.2)	225 (1.2)	225 (1.8)	220 (1.2)c	224 (1.1) Lq
Father's Education								
Less than H.S.	-----(- - -)	8 (1.1)c	5 (0.3)	5 (0.4)c	4 (0.3)	5 (0.4)	4 (0.4)	4 (0.4)
	-----(- - -)	205 (3.5)c	212 (4.6)	218 (3.2)	219 (2.2)	217 (2.6)	215 (2.8)	218 (3.3) L
Graduated H.S.	-----(- - -)	17 (1.3)c	14 (0.6)c	15 (0.5)c	13 (0.6)	13 (0.6)	12 (0.6)	12 (0.5)
	-----(- - -)	225 (3.0)	221 (1.6)	227 (1.5)	226 (1.6)	228 (1.5)	226 (2.1)	223 (2.0)
Some educ after H.S.	-----(- - -)	8 (0.9)c	6 (0.5)	6 (0.4)	7 (0.4)	6 (0.4)	6 (0.4)	6 (0.3)
	-----(- - -)	232 (4.2)	237 (3.0)	237 (2.1)	237 (2.5)	238 (3.3)	241 (2.3)c	232 (3.5)
Graduated college	-----(- - -)	33 (2.2)	30 (1.1)c	31 (1.1)	33 (1.1)	35 (0.9)	32 (1.1)	34 (1.1)
	-----(- - -)	229 (2.7)c	238 (1.6)	238 (1.5)	240 (1.3)	241 (1.4)	242 (2.0)	239 (1.3) Lq
Unknown	-----(- - -)	33 (2.1)c	46 (1.0)	43 (0.8)	43 (0.9)	42 (0.9)c	45 (0.9)	44 (1.1)
	-----(- - -)	212 (2.6)c	216 (1.2)c	223 (1.0)	225 (1.2)	225 (1.4)	223 (1.3)	225 (1.1) Lq

c This value is significantly different from the value for 1999 at about the 95 percent certainty level.

L/l indicates a significant positive (L) or negative (l) linear trend; Q/q indicates a positive (Q) or negative (q) quadratic trend;
 NA means trends were not tested because there were fewer than five trend points with sufficient sample size to estimate the statistics
 and their standard errors.

(****) Standard error estimates cannot be accurately determined.

*****(*) Sample size is insufficient to permit a reliable estimate.

-----(- - -) Data are unavailable for this assessment year.

	1977	1982	1986	1990	1992	1994	1996	1999
Time Spent on Homework								
None	-----(- - -)	-----(- - -)	5 (0.8)c	4 (0.7)c	4 (0.6)c	3 (0.4)	3 (0.6)	2 (0.4)
	-----(- - -)	-----(- - -)	222 (4.2)	227 (4.3)	229 (2.9)	227 (4.4)	215 (6.4)	224 (5.9)
15 minutes or less	-----(- - -)	-----(- - -)	23 (1.0)c	26 (0.7)c	28 (1.0)c	30 (1.0)	29 (1.2)	32 (0.8)
	-----(- - -)	-----(- - -)	217 (1.9)	221 (1.3)	224 (1.4)	223 (1.8)	223 (1.8)	222 (1.4) Lq
1/2 hour	-----(- - -)	-----(- - -)	31 (0.8)c	32 (0.7)c	33 (0.8)	33 (0.7)	34 (1.0)	34 (0.7)
	-----(- - -)	-----(- - -)	230 (1.6)c	234 (1.3)	236 (1.2)	237 (1.4)	236 (1.7)	236 (1.2) Lq
1 hour	-----(- - -)	-----(- - -)	24 (0.8)c	22 (0.6)c	21 (0.7)	22 (1.0)	21 (0.7)	20 (0.9)
	-----(- - -)	-----(- - -)	226 (1.5)c	232 (1.4)	233 (1.4)	234 (1.6)	233 (1.9)	232 (1.8) Lq
More than 1 hour	-----(- - -)	-----(- - -)	17 (0.7)c	15 (0.6)c	14 (0.8)c	12 (0.6)	13 (0.6)	12 (0.5)
	-----(- - -)	-----(- - -)	222 (2.1)	225 (1.9)	228 (1.6)	229 (2.2)	227 (2.6)	226 (1.6) q
Computer Usage								
Have used	-----(- - -)	-----(- - -)	75 (1.2)c	79 (0.7)c	82 (0.8)	82 (0.9)	82 (0.9)	82 (0.7)
	-----(- - -)	-----(- - -)	229 (1.2)	233 (0.9)	234 (1.0)	234 (1.1)	234 (1.3)	232 (0.8) Lq
Have not used	-----(- - -)	-----(- - -)	25 (1.2)c	21 (0.7)c	18 (0.8)	18 (0.9)	18 (0.9)	18 (0.7)
	-----(- - -)	-----(- - -)	210 (1.9)c	213 (1.5)c	215 (1.5)	216 (2.2)	211 (2.0)c	218 (1.9) L
Family Owns a Computer								
Yes	-----(- - -)	-----(- - -)	28 (1.3)c	31 (1.1)c	34 (1.0)c	41 (1.2)c	49 (1.1)c	61 (0.8)
	-----(- - -)	-----(- - -)	233 (1.5)	236 (1.3)	239 (1.3)	240 (1.2)c	239 (1.6)	235 (1.0) Lq
No	-----(- - -)	-----(- - -)	72 (1.3)c	69 (1.1)c	66 (1.0)c	59 (1.2)c	51 (1.1)c	39 (0.8)
	-----(- - -)	-----(- - -)	221 (1.4)	225 (0.9)c	227 (1.0)c	225 (1.3)c	221 (1.4)	220 (1.2) q
Mother/Stepmother Employment								
Has a job	-----(- - -)	-----(- - -)	64 (1.1)c	71 (0.9)c	72 (0.7)c	72 (0.9)c	72 (0.9)c	76 (0.8)
	-----(- - -)	-----(- - -)	226 (1.3)c	230 (0.8)	232 (1.1)	233 (1.1)	230 (1.3)	230 (0.9) Lq
Does not have a job	-----(- - -)	-----(- - -)	35 (1.1)c	27 (0.8)c	25 (0.6)c	26 (0.9)c	26 (0.9)c	21 (0.7)
	-----(- - -)	-----(- - -)	222 (2.1)c	227 (1.6)	229 (1.3)	229 (1.6)	230 (1.8)	228 (1.8) Lq
Mthr lives elsewhere	-----(- - -)	-----(- - -)	2 (0.2)c	2 (0.2)c	2 (0.2)	2 (0.3)	2 (0.2)c	3 (0.2)
	-----(- - -)	-----(- - -)	210 (5.8)	217 (4.4)	218 (4.0)	214 (4.5)	213 (3.9)	212 (3.2)

c This value is significantly different from the value for 1999 at about the 95 percent certainty level.

L/q indicates a significant positive (L) or negative (q) linear trend; Q/q indicates a positive (Q) or negative (q) quadratic trend;
 NA means trends were not tested because there were fewer than five trend points with sufficient sample size to estimate the statistics
 and their standard errors.

(*****) Standard error estimates cannot be accurately determined.

***** (*****) Sample size is insufficient to permit a reliable estimate.

-----(- - -) Data are unavailable for this assessment year.

	1977	1982	1986	1990	1992	1994	1996	1999
Father/Stepfather Employment								
Has a job	-----(- - -)	-----(- - -)	84 (0.8)c	84 (0.6)	84 (0.5)	84 (0.7)	83 (0.6)	84 (0.5)
	-----(- - -)	-----(- - -)	227 (1.2)c	231 (0.9)	233 (1.0)	233 (1.1)	232 (1.3)	232 (0.9) Lq
Does not have a job	-----(- - -)	-----(- - -)	8 (0.6)c	6 (0.4)	7 (0.3)	7 (0.5)	7 (0.5)	6 (0.4)
	-----(- - -)	-----(- - -)	207 (2.9)c	217 (2.3)	218 (2.3)	218 (3.4)	212 (2.8)	216 (2.4) q
Fthr lives elsewhere	-----(- - -)	-----(- - -)	8 (0.5)c	9 (0.4)	9 (0.4)	9 (0.5)	10 (0.4)	9 (0.5)
	-----(- - -)	-----(- - -)	216 (2.4)	220 (1.9)	221 (2.2)	223 (2.9)	224 (2.2)	221 (2.2) L
Science Class								
Every day	-----(- - -)	-----(- - -)	28 (2.0)	34 (1.6)	33 (1.9)	33 (1.8)	30 (1.6)	30 (1.0)
	-----(- - -)	-----(- - -)	226 (2.1)	229 (1.5)	233 (1.3)	233 (1.5)	234 (2.0)	230 (1.3) Lq
Several/week	-----(- - -)	-----(- - -)	31 (1.5)c	32 (1.0)c	32 (1.1)c	28 (1.3)	31 (1.3)c	27 (1.0)
	-----(- - -)	-----(- - -)	232 (1.7)c	235 (1.3)	238 (1.4)	239 (1.3)	237 (1.7)	237 (1.5) L
About once/week	-----(- - -)	-----(- - -)	19 (1.1)	18 (1.2)	16 (1.0)c	19 (0.9)	18 (0.8)	20 (1.2)
	-----(- - -)	-----(- - -)	222 (2.1)c	227 (1.8)	226 (2.2)	228 (1.7)	225 (2.1)	228 (1.8)
< once/week	-----(- - -)	-----(- - -)	6 (0.5)	5 (0.4)c	5 (0.4)c	6 (0.5)	6 (0.4)	7 (0.4)
	-----(- - -)	-----(- - -)	219 (3.4)	220 (2.9)	223 (3.1)	226 (4.0)	223 (4.7)	227 (2.8) L
Hardly ever or none	-----(- - -)	-----(- - -)	17 (1.3)	12 (0.9)c	13 (1.0)c	15 (1.2)	15 (0.9)	16 (0.9)
	-----(- - -)	-----(- - -)	211 (2.5)	215 (2.3)	217 (2.5)	219 (2.6)	216 (1.6)	217 (2.2) L
Shadow Experiments								
Have done	42 (1.6)c	45 (1.6)c	39 (1.4)	41 (1.5)c	44 (1.6)c	42 (1.7)c	38 (1.7)	35 (2.0)
	222 (3.1)c	223 (2.4)c	226 (2.2)	233 (2.6)	233 (2.0)	235 (2.5)	233 (2.9)	231 (2.9) L
Have not done	55 (1.7)c	50 (1.5)c	55 (1.4)c	53 (1.4)c	51 (1.6)c	53 (1.7)c	54 (1.9)c	60 (1.8)
	220 (1.9)c	219 (1.9)c	225 (1.6)c	229 (1.7)	230 (1.7)	234 (1.8)	231 (2.4)	231 (1.5) L
Not certain	3 (0.6)c	5 (0.6)	6 (0.6)	6 (0.6)	5 (0.5)	6 (0.7)	8 (0.7)c	5 (0.5)
	177 (8.3)c	217 (5.5)	197 (5.7)	209 (5.4)	206 (3.1)	212 (4.3)	203 (4.5)	209 (4.3) Lq

c This value is significantly different from the value for 1999 at about the 95 percent certainty level.

L/l indicates a significant positive (L) or negative (l) linear trend; Q/q indicates a positive (Q) or negative (q) quadratic trend;
 NA means trends were not tested because there were fewer than five trend points with sufficient sample size to estimate the statistics
 and their standard errors.

(****) Standard error estimates cannot be accurately determined.

*****(*) Sample size is insufficient to permit a reliable estimate.

-----(- - -) Data are unavailable for this assessment year.

	1977	1982	1986	1990	1992	1994	1996	1999
Living Plants Experiments								
Have done	70 (1.4)c 221 (2.3)c	65 (1.6) 224 (2.3)c	60 (1.6) 227 (1.5)c	63 (1.4) 234 (1.5)	64 (1.1) 233 (1.6)	65 (1.5) 237 (1.8)	67 (1.5) 234 (2.4)	64 (1.5) 232 (1.8) Lq
Have not done	27 (1.3)c 217 (2.8)c	29 (1.4) 216 (2.4)c	35 (1.6) 221 (2.6)	33 (1.3) 223 (2.5)	32 (1.0) 226 (1.8)	30 (1.4) 226 (3.4)	28 (1.5)c 224 (2.6)	33 (1.4) 226 (2.0) L
Not certain	3 (0.5) 194 (7.6)c	5 (0.7)c 209 (8.0)	5 (0.5)c 203 (7.0)	4 (0.5) 214 (5.0)	4 (0.4) 215 (5.7)	5 (0.7) 218 (6.1)	5 (1.0) 199 (4.8)	3 (0.5) 213 (5.6)
Living Animal Experiments								
Have done	55 (1.5)c 216 (2.8)c	55 (1.4)c 219 (2.3)c	45 (1.0) 221 (1.8)c	42 (1.6) 228 (2.3)	40 (1.3) 227 (1.8)	41 (1.2) 231 (2.7)	43 (1.4) 227 (2.9)	44 (1.6) 227 (2.4) L
Have not done	42 (1.3)c 227 (2.1)c	40 (1.2)c 224 (2.1)c	50 (1.1) 228 (2.0)	53 (1.6) 232 (1.8)	57 (1.3)c 234 (1.8)	55 (1.4) 236 (1.9)	53 (1.5) 233 (2.1)	52 (1.5) 233 (1.7) L
Not certain	3 (0.5) 183 (8.8)c	5 (0.5) 214 (7.2)	5 (0.6) 199 (6.0)c	5 (0.6) 221 (6.1)	4 (0.3) 213 (5.8)	4 (0.7) 220 (8.2)	5 (0.5) 215 (6.7)	4 (0.5) 218 (4.2) L
Batteries & Bulbs Experiments								
Have done	51 (1.4)c 225 (2.8)c	54 (1.6)c 224 (2.1)c	43 (1.5) 228 (1.9)c	47 (1.7) 234 (2.0)	49 (1.9) 233 (1.8)	51 (1.7)c 237 (2.1)	52 (2.2)c 234 (2.9)	46 (2.0) 234 (1.8) L
Have not done	43 (1.4)c 217 (2.1)c	40 (1.5)c 219 (2.3)c	51 (1.7) 224 (2.1)	47 (1.7) 228 (1.9)	46 (1.9) 231 (1.7)	43 (1.7)c 232 (2.6)	41 (2.1)c 227 (2.8)	49 (1.8) 229 (2.0) Lq
Not certain	5 (0.6) 184 (4.2)c	6 (0.5) 206 (5.5)	6 (0.6) 195 (4.4)c	5 (0.5) 217 (4.7)	5 (0.5) 211 (5.4)	6 (0.8) 212 (6.5)	7 (0.6) 214 (5.7)	5 (0.8) 210 (5.5) Lq
Dissolving in Water Experiments								
Have done	69 (1.4)c 223 (2.0)c	64 (1.8) 225 (2.2)c	61 (1.2) 227 (1.7)c	65 (1.3) 233 (1.7)	64 (1.4) 233 (1.4)	66 (1.6)c 235 (1.9)	64 (1.7) 235 (2.6)	62 (1.1) 233 (2.0) L
Have not done	26 (1.2)c 215 (2.6)c	29 (1.6) 216 (2.5)c	32 (1.3) 222 (2.1)c	28 (1.1) 228 (2.8)	29 (1.3) 228 (2.2)	27 (1.4) 231 (3.1)	28 (1.4) 225 (2.6)	30 (1.1) 229 (2.0) L
Not certain	5 (0.6)c 187 (5.1)c	7 (0.6) 207 (4.7)	8 (0.9) 203 (3.5)c	6 (0.6)c 215 (5.4)	7 (0.6) 218 (4.1)	6 (0.6)c 221 (5.0)	8 (0.8) 205 (4.5)	9 (0.6) 216 (4.2) Lq

c This value is significantly different from the value for 1999 at about the 95 percent certainty level.

L/l indicates a significant positive (L) or negative (l) linear trend; Q/q indicates a positive (Q) or negative (q) quadratic trend;
 NA means trends were not tested because there were fewer than five trend points with sufficient sample size to estimate the statistics
 and their standard errors.

(****) Standard error estimates cannot be accurately determined.

*****(****) Sample size is insufficient to permit a reliable estimate.

	1977	1982	1986	1990	1992	1994	1996	1999
Meter Stick Usage								
Have used	42 (2.4)c 222 (2.3)c	64 (1.8) 225 (2.2)c	65 (1.7) 228 (1.9)c	66 (1.3) 233 (1.5)	68 (1.3)c 234 (1.4)	66 (1.9) 235 (1.7)	64 (1.8) 236 (2.1)	63 (1.6) 235 (1.4) L
Have not used	50 (2.2)c 215 (2.7)c	29 (1.5) 212 (3.1)c	27 (1.5) 223 (2.7)	25 (1.3) 225 (2.0)	23 (1.1)c 228 (2.6)	24 (1.6) 224 (2.6)	25 (1.7) 226 (2.7)	27 (1.4) 226 (2.4) L
Not certain	9 (0.7) 210 (5.6)	6 (0.9)c 214 (5.9)	8 (0.6) 214 (4.1)	9 (0.7) 217 (4.8)	9 (0.8) 227 (3.7)	10 (0.8) 229 (5.2)	11 (0.8) 224 (5.4)	10 (0.7) 218 (3.3) L
Scale Usage								
Have used	89 (0.8) 220 (2.3)c	86 (0.9)c 223 (1.9)c	86 (1.0) 228 (1.6)c	89 (0.9) 232 (1.2)	91 (0.7) 234 (1.4)	91 (1.0) 233 (1.5)	89 (0.8) 235 (1.8)	88 (1.0) 234 (1.2) L
Have not used	9 (0.7) 202 (4.5)	12 (0.8)c 207 (2.6)	11 (0.8) 212 (3.2)	9 (0.8) 216 (4.4)	8 (0.5) 218 (4.0)	7 (0.8) 213 (4.0)	9 (0.6) 217 (4.0)	10 (1.0) 212 (3.0) Lq
Not certain	2 (0.4) **** (****)	2 (0.3) **** (****)	3 (0.5) **** (****)	2 (0.3) **** (****)	2 (0.3) **** (****)	2 (0.4) **** (****)	2 (0.4) **** (****)	2 (0.3) **** (****) NA
Magnifying Glass Usage								
Have used	87 (1.0)c 221 (2.1)c	84 (1.3)c 224 (1.8)c	88 (0.9)c 228 (1.6)c	89 (0.7)c 233 (1.3)	91 (0.9) 234 (1.3)	91 (1.0) 234 (1.5)	92 (0.9) 235 (1.8)	91 (0.7) 234 (1.2) L
Have not used	11 (0.8)c 199 (4.3)	14 (1.2)c 205 (3.6)	10 (0.7)c 206 (3.0)	9 (0.6) 211 (4.3)	8 (0.8) 210 (4.3)	8 (0.8) 210 (5.4)	7 (0.8) 199 (4.6)	8 (0.7) 200 (4.1) q
Not certain	2 (0.3)c **** (****)	2 (0.2) **** (****)	2 (0.4) **** (****)	2 (0.3)c **** (****)	1 (0.2) **** (****)	1 (0.2) **** (****)	1 (0.3) **** (****)	1 (0.3) **** (****) NA
Telescope Usage								
Have used	44 (1.2)c 222 (2.6)c	45 (1.6)c 224 (2.1)c	56 (1.5)c 230 (2.1)	65 (1.5) 233 (1.4)	64 (1.1) 235 (1.5)	62 (1.4)c 235 (1.5)	60 (1.6)c 236 (2.3)	66 (1.1) 235 (1.4) L
Have not used	53 (1.0)c 216 (2.1)c	52 (1.5)c 220 (2.0)	41 (1.4)c 220 (2.0)	33 (1.5) 226 (1.9)	34 (1.0) 227 (2.2)	35 (1.4) 226 (2.2)	37 (1.6)c 227 (2.1)	32 (1.2) 224 (2.0) L
Not certain	3 (0.5) 196 (7.2)	4 (0.5)c 198 (6.1)	3 (0.5) **** (****)	2 (0.4) **** (****)	3 (0.4) 214 (6.4)	3 (0.5) **** (****)	3 (0.4) **** (****)	2 (0.3) **** (****) NA

c This value is significantly different from the value for 1999 at about the 95 percent certainty level.

L/q indicates a significant positive (L) or negative (q) linear trend; Q/q indicates a positive (Q) or negative (q) quadratic trend; NA means trends were not tested because there were fewer than five trend points with sufficient sample size to estimate the statistics and their standard errors.

(****) Standard error estimates cannot be accurately determined.

****(****) Sample size is insufficient to permit a reliable estimate.

	1977	1982	1986	1990	1992	1994	1996	1999
Thermometer Usage								
Have used	84 (1.0)c 222 (2.2)c	82 (1.1)c 224 (1.8)c	88 (0.8) 228 (1.5)c	91 (1.0) 232 (1.3)	91 (0.6)c 234 (1.4)	89 (1.1) 234 (1.5)	91 (0.8) 234 (1.8)	89 (0.7) 234 (1.3) L
Have not used	14 (0.9)c 199 (2.7)c	15 (1.3)c 210 (3.0)	10 (0.8) 210 (4.8)	8 (0.9) 209 (5.1)	7 (0.5)c 217 (3.5)	9 (0.8) 214 (4.7)	7 (0.7)c 208 (5.1)	9 (0.7) 208 (3.3) Lq
Not certain	3 (0.4) **** (****)	3 (0.5)c **** (****)	2 (0.3) **** (****)	2 (0.3) **** (****)	1 (0.3) **** (****)	2 (0.5) **** (****)	2 (0.4) **** (****)	2 (0.2) **** (****) NA
Microscope Usage								
Have used	53 (1.4) 222 (2.5)c	48 (2.2)c 225 (2.0)c	54 (1.6) 231 (1.8)c	63 (1.7)c 236 (1.4)	62 (1.4)c 237 (1.5)	58 (1.8) 236 (2.0)	58 (1.9) 238 (2.2)	57 (1.8) 237 (1.7) Lq
Have not used	43 (1.5)c 214 (2.1)c	47 (2.0)c 217 (2.0)c	42 (1.7) 219 (2.4)	33 (1.5)c 222 (1.9)	33 (1.4)c 225 (2.0)	36 (1.8) 225 (1.9)	36 (1.7) 224 (1.8)	38 (1.6) 223 (1.8) L
Not certain	4 (0.5) 201 (6.6)c	5 (0.5) 210 (4.5)	4 (0.4) 216 (4.6)	5 (0.5) 216 (5.1)	4 (0.4) 221 (5.7)	6 (0.6) 221 (4.5)	6 (0.5) 216 (5.7)	5 (0.5) 221 (4.3) L
Directional Compass Usage								
Have used	61 (1.3)c 222 (2.3)c	59 (1.6)c 224 (2.2)c	65 (1.7)c 231 (1.7)c	71 (1.1) 234 (1.4)	72 (1.0) 236 (1.5)	75 (1.3)c 235 (1.6)	73 (1.1) 235 (1.8)	71 (1.2) 236 (1.2) Lq
Have not used	33 (1.2)c 214 (2.7)	35 (1.3)c 218 (2.0)	30 (1.5)c 219 (2.5)	25 (1.0) 223 (2.7)	24 (1.0) 223 (2.3)	21 (1.2)c 220 (2.2)	23 (1.1) 225 (2.6)	25 (1.1) 221 (2.3) L
Not certain	6 (0.7)c 191 (4.3)c	6 (0.9)c 203 (4.2)	5 (0.6) 198 (3.7)	4 (0.5) 205 (7.6)	4 (0.5) 213 (4.3)	3 (0.4) 216 (7.8)	4 (0.5) 206 (5.8)	3 (0.4) 206 (5.3) L
Stopwatch Usage								
Have used	44 (1.3)c 223 (2.6)c	51 (2.2)c 229 (2.4)c	62 (1.6)c 229 (1.7)c	74 (1.1) 233 (1.4)	77 (1.4) 235 (1.3)	75 (1.3) 235 (1.4)	77 (1.1) 236 (1.9)	74 (1.3) 236 (1.2) L
Have not used	49 (1.2)c 215 (2.5)	41 (1.6)c 215 (1.6)	33 (1.4)c 221 (2.2)	23 (1.1) 222 (2.1)	20 (1.3) 221 (2.8)	21 (1.1) 223 (2.7)	20 (0.9) 219 (2.9)	22 (1.2) 218 (2.1) Lq
Not certain	7 (0.7)c 203 (3.6)	8 (1.0)c 202 (6.2)	5 (0.5)c 206 (5.3)	3 (0.4) 212 (5.0)	3 (0.3) 221 (5.8)	4 (0.5) 213 (6.5)	3 (0.5) 204 (7.9)	4 (0.4) 212 (4.5)

c This value is significantly different from the value for 1999 at about the 95 percent certainty level.

L/l indicates a significant positive (L) or negative (l) linear trend; Q/q indicates a positive (Q) or negative (q) quadratic trend;
 NA means trends were not tested because there were fewer than five trend points with sufficient sample size to estimate the statistics
 and their standard errors.

(****) Standard error estimates cannot be accurately determined.

****(****) Sample size is insufficient to permit a reliable estimate.

	1977	1982	1986	1990	1992	1994	1996	1999
Yardstick Usage								
Have used	86 (0.8)c 222 (2.2)c	83 (1.2)c 225 (1.6)c	78 (1.1)c 228 (1.7)c	78 (1.1)c 233 (1.3)	80 (1.0)c 234 (1.4)	80 (1.3)c 234 (1.4)	79 (1.4)c 235 (2.0)	75 (1.6)c 235 (1.2) L
Have not used	12 (0.8)c 196 (3.7)c	15 (1.1)c 203 (3.7)c	18 (1.0) 216 (2.7)	18 (1.0) 221 (2.8)	17 (1.0) 225 (3.1)	16 (1.2)c 222 (2.9)	17 (1.2) 223 (2.9)	20 (1.4) 221 (2.6) Lq
Not certain	2 (0.3)c **** (****)	3 (0.4)c **** (****)	3 (0.3) 212 (6.4)	4 (0.4) 218 (6.2)	3 (0.4)c 225 (5.3)	4 (0.4) 220 (6.7)	4 (0.5) 212 (7.0)	4 (0.4) 212 (4.9) Lq
Calculator Usage								
Have used	87 (1.2)c 222 (2.2)c	91 (0.8)c 223 (1.7)c	96 (0.5) 227 (1.6)c	97 (0.4) 231 (1.3)	98 (0.3) 233 (1.4)	97 (0.4) 232 (1.5)	97 (0.5) 233 (1.8)	97 (0.5) 232 (1.2) L
Have not used	11 (1.0)c 195 (3.4)	7 (0.7)c 197 (5.9)	3 (0.4) 206 (6.0)	2 (0.4) **** (****)	2 (0.3) **** (****)	2 (0.3) **** (****)	2 (0.3) **** (****)	2 (0.4) **** (****) NA
Not certain	2 (0.3)c **** (****)	1 (0.3) **** (****)	1 (0.3) **** (****)	0 (0.2) **** (****)	0 (0.1) **** (****)	0 (0.2) **** (****)	1 (0.3) **** (****)	1 (0.2) **** (****) NA
Balance Usage								
Have used	38 (1.0)c 216 (2.9)c	30 (1.2)c 220 (2.8)c	35 (1.6)c 226 (1.6)c	45 (1.7) 233 (1.6)	46 (1.5) 232 (1.8)	47 (1.7) 232 (1.9)	50 (1.9) 233 (2.3)	46 (1.5) 235 (1.7) L
Have not used	44 (1.2)c 218 (2.5)c	51 (1.2)c 221 (2.1)c	45 (1.6)c 224 (2.9)	40 (1.3) 227 (2.2)	36 (1.0) 230 (1.6)	35 (1.3) 228 (2.5)	31 (1.5)c 230 (2.6)	36 (1.6) 227 (2.0) L
Not certain	19 (1.0) 221 (3.0)c	19 (1.3) 222 (3.0)c	20 (1.0) 228 (2.8)	15 (1.2) 230 (3.3)	18 (1.0) 236 (2.8)	17 (1.1) 236 (2.6)	20 (1.3) 234 (3.1)	18 (1.2) 231 (2.7) L
Between-Group Differences								
White-Black	66 (2.2)c 55 (2.0)c	64 (3.3)c 42 (3.6)	62 (1.2)c 36 (2.2)	58 (1.3)c 41 (2.1)	59 (1.0)c 39 (2.9)	59 (1.0)c 39 (2.2)	56 (1.2)c 37 (3.3)	52 (0.9) 41 (2.6) 1Q
White-Hispanic	74 (1.8)c 38 (2.8)	73 (2.9)c 40 (4.6)	70 (1.5)c 32 (3.3)	69 (1.2)c 31 (2.4)	70 (1.2)c 34 (3.0)	68 (1.0)c 39 (3.0)	64 (1.5) 32 (3.1)	62 (0.9) 34 (2.4)
Male-Female	1 (0.6)c 4 (1.8)	1 (2.2) 0 (3.0)	0 (0.9) 6 (2.0)	-1 (0.9) 3 (1.5)	-3 (0.8) 8 (1.6)c	-2 (1.1) 2 (1.9)	-1 (0.9) 3 (2.3)	-2 (1.1) 3 (1.7)

c This value is significantly different from the value for 1999 at about the 95 percent certainty level.

L/l indicates a significant positive (L) or negative (l) linear trend; Q/q indicates a positive (Q) or negative (q) quadratic trend; NA means trends were not tested because there were fewer than five trend points with sufficient sample size to estimate the statistics and their standard errors.

(****) Standard error estimates cannot be accurately determined.

****(****) Sample size is insufficient to permit a reliable estimate.