

Californians and the Environment

July 2020

Time Trends – Likely Voters

Methodology Note:

Findings for July 2020 are based on a survey of 1,561 California adult residents, conducted online using the Ipsos KnowledgePanel. Interviews were conducted in English and Spanish according to the respondents' preferences. The median time to complete the survey was 20 minutes. Interviews were completed from July 8–17, 2020.

The July 2020 sampling error for the 1,032 likely voters, taking design effects from weighting into consideration, is ± 3.9 percent. Sampling error is only one type of error to which surveys are subject. Results may also be affected by factors such as question wording, question order, and survey timing.

Please note that the July 2020 and April 2020 surveys were conducted using an online methodology while all other surveys were conducted using a random digit-dialing methodology.

If you have any questions or require additional information regarding this survey, please contact surveys@ppic.org

**PPIC Statewide Survey
Californians and the Environment - July 2020
Likely Voters - Time Trends**

Q1. Do you approve or disapprove of the way
that Governor Newsom is handling
environmental issues in California?

	Approve	Disapprove	Don't know (volunteered)	Unweighted n
Jul 2020	67%	32%	1%	1032
Jul 2019	46%	36%	18%	1070

Note: Numbers may not add to 100 due to rounding

**PPIC Statewide Survey
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Q2. Do you approve or disapprove of the way
 that the California Legislature is handling
 environmental issues in California?

	Approve	Disapprove	Don't know (volunteered)	Unweighted n
Jul 2020	61%	37%	1%	1032
Jul 2019	43%	45%	13%	1075
Jul 2018	43%	47%	11%	1014
Jul 2017	49%	40%	11%	1091
Jul 2016	42%	46%	13%	1048
Jul 2015	32%	55%	13%	1056
Jul 2014	33%	52%	16%	971
Jul 2013	34%	47%	18%	1268
Aug 2012	29%	54%	18%	1558
Jul 2011	24%	54%	23%	1636

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Q3. How much of the time can you trust the state government to do what is right when it comes to handling environmental issues in California?						
	Just about always	Most of the time	Only some of the time	Never (volunteered)	Don't know (volunteered)	Unweighted n
Jul 2020	6%	46%	48%	0%	0%	1031
Jul 2005	5%	29%	59%	5%	2%	1464

Note: Numbers may not add to 100 due to rounding

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Q4. Turning to economic conditions in California, do you think that during the next 12 months we will have good times financially or bad times?

	Good times	Bad times	Don't know (volunteered)	Unweighted n
Jul 2020	17%	83%	0%	1031
Apr 2020	21%	78%	1%	1093
Jan 2020	50%	42%	8%	962
Sep 2019	37%	54%	10%	1022
May 2019	42%	48%	10%	1114
Jan 2019	45%	45%	10%	1148
Dec 2018	46%	44%	10%	1080
Oct 2018	47%	39%	14%	983
Sep 2018	55%	38%	7%	953
May 2018	50%	40%	10%	897
Jan 2018	56%	34%	10%	1036
Sep 2017	51%	42%	7%	1099
Mar 2017	50%	41%	10%	1060
Jan 2017	51%	34%	15%	1100
Oct 2016	46%	40%	14%	1019
Sep 2016	47%	42%	11%	1048
May 2016	45%	43%	12%	983
Mar 2016	46%	45%	9%	1030
Jan 2016	44%	46%	11%	1034
Dec 2015	47%	43%	10%	1106
Sep 2015	46%	44%	10%	1060
Jun 2015	44%	44%	11%	1041
Mar 2015	49%	39%	12%	1055
Jan 2015	54%	36%	10%	1001
Dec 2014	51%	40%	9%	1047
Oct 2014	42%	47%	11%	970
Sep 2014	44%	46%	10%	906
May 2014	44%	46%	10%	1033
Mar 2014	42%	48%	10%	1084
Jan 2014	46%	47%	8%	1139
Dec 2013	38%	52%	10%	1076
Sep 2013	44%	46%	10%	1095
Jun 2013	46%	44%	10%	1431
May 2013	45%	46%	9%	1117
Mar 2013	41%	52%	8%	1131
Jan 2013	44%	44%	11%	1110
Dec 2012	37%	55%	8%	1428
Oct 2012	34%	53%	12%	1329
Sep 2012	29%	63%	9%	1321
May 2012	27%	65%	9%	1242
Mar 2012	28%	62%	11%	1165

**PPIC Statewide Survey
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 Likely Voters - Time Trends(cont.)**

Q4. Turning to economic conditions in California, do you think that during the next 12 months we will have good times financially or bad times?

	Good times	Bad times	Don't know (volunteered)	Unweighted n
Jan 2012	27%	65%	8%	1294
Dec 2011	22%	68%	10%	1288
Sep 2011	19%	74%	7%	1357
Jun 2011	20%	70%	10%	1483
Jun 2011	29%	63%	8%	1401
Mar 2011	26%	65%	8%	1362
Feb 2011	31%	57%	12%	1558
Jan 2011	28%	63%	9%	1392
Oct 2010	20%	65%	14%	1220
Sep 2010	24%	62%	13%	1206
Jul 2010	19%	74%	7%	1461
May 2010	22%	71%	7%	1243
Mar 2010	21%	72%	7%	1230
Jan 2010	17%	76%	7%	1299
Dec 2009	20%	73%	6%	1078
Nov 2009	17%	75%	7%	1627
Sep 2009	22%	71%	7%	1337
Jul 2009	13%	81%	6%	1568
Jun 2009	18%	77%	5%	1502
May 2009	19%	75%	6%	1217
Mar 2009	15%	79%	6%	1136
Feb 2009	13%	83%	4%	1565
Jan 2009	13%	82%	5%	1389
Nov 2008	17%	75%	9%	1636
Oct 2008	15%	77%	8%	1277
Sep 2008	17%	72%	11%	1281
Aug 2008	17%	75%	8%	1182
Jul 2008	14%	80%	7%	1454
Jun 2008	12%	82%	6%	1422
May 2008	16%	75%	9%	1220
Mar 2008	12%	80%	8%	1221
Jan 2008	18%	74%	9%	1227
Dec 2007	23%	68%	9%	1150
Sep 2007	29%	62%	9%	1157
Jun 2007	43%	47%	10%	1106
May 2007	41%	47%	12%	1122
Mar 2007	41%	49%	11%	1233
Jan 2007	52%	37%	11%	1274
Oct 2006	52%	35%	13%	1186
Sep 2006	48%	40%	12%	1209
Aug 2006	45%	43%	12%	1100
Jul 2006	42%	43%	15%	1351
May 2006	39%	48%	12%	1093

**PPIC Statewide Survey
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Q4. Turning to economic conditions in California, do you think that during the next 12 months we will have good times financially or bad times?

	Good times	Bad times	Don't know (volunteered)	Unweighted n
Mar 2006	50%	38%	12%	1000
Feb 2006	46%	42%	12%	1232
Jan 2006	49%	40%	11%	1252
Jan 2006	43%	45%	12%	1446
Oct 2005	35%	54%	11%	1159
Sep 2005	33%	57%	10%	1110
Aug 2005	42%	47%	12%	1054
Jul 2005	45%	39%	16%	1459
May 2005	44%	45%	11%	1241
Apr 2005	38%	51%	11%	1470
Jan 2005	47%	38%	15%	1227
Oct 2004	45%	40%	15%	1209
Sep 2004	48%	39%	14%	1195
Aug 2004	46%	40%	14%	1181
Jul 2004	50%	39%	12%	1445
Jun 2004	42%	45%	12%	1336
May 2004	43%	43%	14%	1099
Feb 2004	42%	45%	13%	1007
Jan 2004	51%	34%	15%	979
Nov 2003	40%	45%	15%	1183
Oct 2003	34%	44%	22%	1119
Sep 2003	31%	51%	18%	1133
Aug 2003	27%	56%	17%	1057
Jul 2003	29%	62%	9%	1153
Jun 2003	25%	66%	9%	1025
Feb 2003	15%	76%	9%	1075
Nov 2002	45%	46%	9%	913
Oct 2002	35%	53%	12%	1046
Sep 2002	40%	50%	10%	1036
Aug 2002	35%	53%	12%	969
Feb 2002	46%	47%	7%	950
Jan 2002	46%	48%	6%	971
Dec 2001	35%	59%	6%	947
Jan 2001	52%	36%	12%	1090
Aug 2000	78%	16%	7%	1013
Feb 2000	81%	11%	8%	1012
Dec 1999	79%	15%	6%	910
Sep 1999	76%	19%	5%	914

Note: Numbers may not add to 100 due to rounding

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Q5. For the following issue, please indicate which statement comes closest to your own view, even if neither is exactly right - [ROTATE] [1] stricter environmental laws and regulations in California cost too many jobs and hurt the economy OR [2] stricter environmental laws and regulations in California are worth the cost.

	Stricter environmental laws and regulations in California cost too many jobs and hurt the economy	Stricter environmental laws and regulations in California are worth the cost	Don't know (volunteered)	Unweighted n
Jul 2020	38%	62%	0%	1032
Mar 2013	49%	46%	5%	1135

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Q6. When it comes to the state government's plans for reducing greenhouse gas emissions, should it take action right away or wait until the state economy and jobs situation improve to take action?

	Take action right away	Wait until the state economy and job situation improve to take action	Don't know (volunteered)	Unweighted n
Jul 2020	51%	49%	0%	1029
Jul 2014	52%	42%	6%	955
Jul 2013	59%	36%	5%	986
Aug 2012	46%	49%	5%	1532
Jul 2011	50%	45%	5%	1618
Jul 2010	48%	48%	5%	1451
Jul 2009	43%	53%	5%	1549
Jul 2008	55%	39%	6%	1443

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Q13. In thinking about the presidential election in November, how important to you are the candidates' positions on the environment in determining your vote?

	Very important	Somewhat important	Not too important	Not at all important (volunteered)	Don't know (volunteered)	Unweighted n
Jul 2020	43%	40%	17%	0%	0%	1032
Jul 2019	44%	36%	18%	1%	0%	1085

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**PPIC Statewide Survey
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Q14. How closely are you following the news about candidates for the 2020 presidential election?

	Very closely	Fairly closely	Not too closely	Not at all closely	Don't know (volunteered)	Unweighted n
Jul 2020	35%	43%	20%	2%	0%	1032
May 2020	44%	36%	14%	5%	0%	1048
Apr 2020	40%	43%	15%	3%	0%	1094
Feb 2020	44%	39%	12%	4%	0%	1049
Jan 2020	38%	44%	13%	4%	0%	972
Nov 2019	40%	39%	16%	5%	0%	1015
Sep 2019	38%	39%	15%	8%	0%	1029
Jul 2019	37%	33%	20%	10%	0%	1085
May 2019	28%	41%	22%	9%	0%	1120
Oct 2018	28%	40%	21%	10%	1%	988
Sep 2018	21%	41%	27%	11%	0%	962
Jul 2018	17%	42%	28%	13%	0%	1019
May 2018	19%	39%	30%	11%	1%	900
Apr 2018	18%	36%	32%	13%	1%	862
Mar 2018	14%	34%	35%	16%	0%	931
Jan 2018	7%	23%	39%	30%	0%	1041
Dec 2017	7%	18%	45%	29%	1%	1070
Oct 2016	60%	32%	6%	1%	0%	1024
Sep 2016	61%	33%	5%	1%	0%	1053
Jul 2016	53%	38%	7%	2%	0%	1055
May 2016	55%	34%	9%	3%	0%	990
Apr 2016	57%	35%	6%	1%	0%	997
Mar 2016	52%	37%	9%	2%	1%	1039
Jan 2016	45%	37%	14%	3%	0%	1043
Oct 2014	18%	34%	34%	13%	1%	974
Sep 2014	12%	40%	28%	19%	0%	915
Jul 2014	11%	42%	31%	15%	1%	983
May 2014	8%	31%	41%	19%	1%	1037
Apr 2014	9%	23%	40%	27%	1%	1077
Mar 2014	7%	23%	39%	29%	2%	1089
Jan 2014	7%	21%	50%	21%	0%	1151
Dec 2013	5%	17%	40%	37%	1%	1080
Oct 2012	58%	35%	6%	1%	0%	1335
Sep 2012	53%	37%	9%	1%	0%	1331
Aug 2012	40%	44%	12%	3%	0%	1568
May 2012	42%	44%	12%	2%	0%	1255
Apr 2012	43%	42%	12%	3%	0%	1206
Mar 2012	41%	42%	14%	2%	0%	1167
Jan 2012	36%	49%	13%	3%	0%	1305
Dec 2011	40%	42%	14%	3%	0%	1298
Oct 2010	39%	50%	9%	2%	0%	1238
Sep 2010	30%	51%	16%	2%	0%	1219
Jul 2010	22%	48%	23%	7%	0%	1466

**PPIC Statewide Survey
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 Likely Voters - Time Trends(cont.)**

Q14. How closely are you following the news about candidates for the 2020 presidential election?

	Very closely	Fairly closely	Not too closely	Not at all closely	Don't know (volunteered)	Unweighted n
May 2010	21%	46%	27%	6%	0%	1251
Mar 2010	17%	46%	28%	8%	0%	1238
Jan 2010	11%	34%	42%	12%	1%	1302
Dec 2009	10%	33%	36%	20%	1%	1078
Nov 2008	62%	30%	5%	2%	1%	1640
Oct 2008	54%	37%	7%	2%	0%	1282
Sep 2008	52%	39%	7%	1%	0%	1283
Aug 2008	39%	49%	10%	2%	1%	1184
Jul 2008	42%	44%	12%	2%	0%	1456
May 2008	47%	43%	7%	2%	0%	1229
Mar 2008	50%	42%	7%	1%	0%	1222
Jan 2008	44%	44%	10%	2%	0%	1233
Dec 2007	26%	52%	19%	3%	0%	1153
Sep 2007	29%	54%	14%	3%	0%	1164
Jul 2007	30%	49%	17%	4%	0%	1416
Jun 2007	21%	52%	23%	4%	0%	1115
May 2007	30%	48%	17%	5%	0%	1130
Mar 2007	25%	44%	25%	6%	0%	1239
Oct 2006	19%	55%	20%	5%	0%	1191
Sep 2006	17%	57%	20%	6%	0%	1213
Aug 2006	15%	49%	28%	8%	1%	1106
Jul 2006	19%	49%	24%	7%	0%	1353
May 2006	18%	50%	24%	6%	1%	1093
Apr 2006	16%	44%	29%	11%	0%	1267
Mar 2006	13%	39%	34%	14%	0%	1008
Oct 2004	61%	34%	4%	1%	1%	1217
Sep 2004	51%	39%	8%	3%	0%	1204
Aug 2004	48%	41%	9%	2%	0%	1188
Feb 2004	33%	47%	14%	6%	0%	1015
Jan 2004	22%	40%	25%	13%	0%	982
Sep 2003	49%	43%	6%	1%	0%	1149
Aug 2003	45%	44%	8%	2%	0%	1068
Oct 2002	22%	53%	20%	4%	0%	1051
Sep 2002	28%	52%	16%	4%	0%	1036
Aug 2002	22%	54%	19%	4%	0%	974
Feb 2002	13%	43%	35%	9%	0%	958
Jan 2002	12%	39%	33%	15%	1%	976
Jan 2001	72%	21%	5%	2%	0%	1095
Oct 2000	56%	34%	8%	2%	0%	1090
Sep 2000	48%	39%	10%	3%	0%	1095
Aug 2000	41%	44%	11%	4%	0%	1014
Feb 2000	21%	55%	20%	4%	0%	1014
Jan 2000	14%	51%	29%	6%	0%	985

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Q14. How closely are you following the news about candidates for the 2020 presidential election?

	Very closely	Fairly closely	Not too closely	Not at all closely	Don't know (volunteered)	Unweighted n
Dec 1999	16%	52%	26%	5%	0%	910
Sep 1999	20%	57%	20%	3%	0%	914
Jan 1999	19%	59%	19%	3%	0%	1054
Oct 1998	13%	50%	30%	7%	0%	1111
Sep 1998	9%	45%	35%	11%	1%	1046
May 1998	13%	49%	32%	7%	0%	952
Apr 1998	9%	43%	39%	9%	0%	993

Note: Numbers may not add to 100 due to rounding

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Q17. Which political party do you trust to do a better job in handling environmental issues in the U. S. ?

	Democratic Party	Republican Party	Other (specify) (volunteered)	Both equally (volunteered)	Neither (volunteered)	Don't know (volunteered)
Jul 2020	69%	30%	0%	0%	1%	1%
Nov 2003	28%	48%	3%	2%	12%	7%

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	Unweighted n
Jul 2020	1029
Nov 2003	1172

(cont.)

Note: Numbers may not add to 100 due to rounding

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Q18. Would you say that the supply of water is a big problem, somewhat of a problem, or not much of a problem in your part of California?

	Big problem	Somewhat of a problem	Not much of a problem	Don't know (volunteered)	Unweighted n
Jul 2020	46%	40%	14%	0%	1032
Jul 2019	35%	31%	34%	0%	1084
Jul 2018	60%	25%	14%	1%	1017
Mar 2018	53%	22%	25%	0%	931
Jul 2017	42%	29%	28%	1%	1094
Jul 2016	71%	22%	7%	0%	1056
Mar 2016	68%	19%	12%	0%	1038
Sep 2015	77%	15%	7%	0%	1066
Jul 2015	76%	16%	8%	1%	1064
Jun 2015	73%	19%	8%	0%	1048
Mar 2015	76%	14%	10%	0%	1064
Jan 2015	70%	19%	10%	1%	1011
Dec 2014	66%	18%	15%	1%	1056
Oct 2014	72%	19%	9%	1%	975
Sep 2014	72%	21%	7%	0%	915
Jul 2014	61%	24%	15%	1%	983
May 2014	70%	20%	9%	1%	1036
Mar 2014	66%	17%	16%	1%	1089
Dec 2012	35%	30%	34%	2%	1440
Mar 2012	35%	35%	28%	2%	1168
May 2010	48%	28%	23%	2%	1248
Dec 2009	52%	26%	20%	2%	1078

Note: Numbers may not add to 100 due to rounding

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Q19. Do you think that pollution of drinking water is a more serious health threat in lower-income areas than other areas in your part of California, or not?

	Yes	No	Don't know (volunteered)	Unweighted n
Jul 2020	68%	31%	0%	1032
Jul 2019	52%	34%	14%	1082
Jul 2016	48%	39%	13%	1055

Note: Numbers may not add to 100 due to rounding

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Q21. Would you say that air pollution is a big problem, somewhat of a problem, or not much of a problem in your part of California?

	Big problem	Somewhat of a problem	Not much of a problem	Don't know (volunteered)	Unweighted n
Jul 2020	39%	42%	19%	0%	1032
Jul 2019	24%	37%	38%	0%	1085
Jul 2018	29%	37%	33%	0%	1020
Jul 2017	21%	42%	37%	0%	1095
Jul 2016	24%	36%	40%	0%	1056
Jul 2015	22%	36%	42%	0%	1063
Jul 2014	21%	34%	45%	0%	983
Jul 2013	21%	38%	41%	0%	1273
Aug 2012	20%	41%	39%	1%	1568
Jul 2011	24%	39%	37%	0%	1644
Jul 2010	22%	40%	38%	0%	1468
Jul 2009	21%	41%	38%	0%	1571
Jul 2008	30%	39%	30%	0%	1456
Jul 2007	33%	39%	27%	0%	1415
Jul 2006	38%	38%	23%	1%	1354
Feb 2006	58%	34%	8%	1%	1238
Jul 2005	36%	38%	25%	0%	1468
Nov 2004	28%	40%	31%	1%	1478
Jul 2004	33%	43%	23%	0%	1453
Jun 2004	36%	38%	25%	0%	1349
Jul 2003	28%	47%	25%	0%	1160
Nov 2002	26%	37%	37%	0%	917
Jun 2000	27%	41%	31%	0%	920

Note: Numbers may not add to 100 due to rounding

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Q22. Do you think that air pollution is a more serious health threat in lower-income areas than other areas in your part of California, or not?

	Yes	No	Don't know (volunteered)	Unweighted n
Jul 2020	55%	44%	1%	1032
Jul 2019	44%	48%	8%	1084
Jul 2018	53%	41%	6%	1014
Jul 2017	45%	49%	6%	1093
Jul 2016	42%	52%	6%	1054
Jul 2015	42%	52%	6%	1060
Jul 2013	41%	53%	6%	1271
Aug 2012	40%	54%	7%	1567
Jul 2011	45%	50%	5%	1638
Jul 2010	36%	58%	6%	1465
Jul 2009	41%	52%	7%	1571
Jul 2008	40%	53%	6%	1453
Jul 2007	41%	50%	8%	1413
Jul 2006	39%	53%	8%	1352

Note: Numbers may not add to 100 due to rounding

**PPIC Statewide Survey
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Q23. How serious a health threat is air pollution in your part of California to you
 and your immediate family?

	Very serious	Somewhat serious	Not too serious	Not at all serious (volunteered)	Don't know (volunteered)	Unweighted n
Jul 2020	19%	41%	39%	0%	0%	1032
Jul 2019	18%	33%	47%	2%	0%	1084
Jul 2016	19%	31%	49%	1%	0%	1056
Jul 2015	17%	26%	53%	3%	1%	1064
Jul 2013	15%	29%	52%	4%	0%	1273
Aug 2012	14%	31%	50%	5%	0%	1567
Jul 2011	16%	30%	50%	4%	1%	1644
Jul 2010	14%	31%	51%	4%	0%	1468
Jul 2009	15%	27%	53%	4%	1%	1572
Jul 2008	18%	35%	43%	3%	1%	1456
Jul 2007	25%	32%	38%	4%	1%	1414
Jul 2006	20%	36%	39%	3%	1%	1352
Jul 2005	19%	35%	40%	4%	1%	1467
Jul 2004	18%	38%	43%	0%	1%	1454
Jul 2003	15%	40%	44%	0%	0%	1159

Note: Numbers may not add to 100 due to rounding

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Q24. How much of a problem is the threat of wildfires in your part of California? Is it a big problem, somewhat of a problem, or not much of a problem?

	Big problem	Somewhat of a problem	Not much of a problem	Don't know (volunteered)	Unweighted n
Jul 2020	52%	32%	15%	0%	1032
Mar 2019	46%	29%	25%	1%	1112

Note: Numbers may not add to 100 due to rounding

**PPIC Statewide Survey
 Californians and the Environment - July 2020
 Likely Voters - Time Trends**

Q25. Do you think that global warming has contributed to California's recent wildfires or not?

	Yes, has contributed	No, has not contributed	Don't know (volunteered)	Unweighted n
Jul 2020	69%	30%	1%	1032
Jul 2019	59%	37%	4%	1084

Note: Numbers may not add to 100 due to rounding

**PPIC Statewide Survey
 Californians and the Environment - July 2020
 Likely Voters - Time Trends**

Q26. How much confidence do you have in the government in terms of its readiness to respond to wildfires in your part of California?

	A great deal	Only some	Hardly any	None (volunteered)	Don't know (volunteered)	Unweighted n
Jul 2020	36%	56%	8%	0%	0%	1031
Dec 2007	42%	44%	8%	3%	2%	1150

Note: Numbers may not add to 100 due to rounding

**PPIC Statewide Survey
 Californians and the Environment - July 2020
 Likely Voters - Time Trends**

Q27. On another topic, which of the following statements reflects your view of when the effects of global warming will begin to happen?

	They have already begun to happen	They will start happening within a few years	They will start happening within your lifetime	They will not happen within your lifetime, but they will affect future generations	They will never happen	Don't know (volunteered)
Jul 2020	69%	2%	8%	10%	10%	0%
Jul 2019	64%	2%	8%	11%	13%	2%
Jul 2018	69%	3%	6%	10%	8%	4%
Jul 2017	66%	3%	4%	11%	12%	4%
Jul 2016	64%	5%	3%	13%	13%	2%
Jul 2015	59%	4%	4%	11%	17%	4%
Jul 2014	57%	3%	5%	12%	19%	3%
Jul 2013	61%	4%	6%	11%	15%	3%
Aug 2012	59%	3%	6%	11%	18%	3%
Jul 2011	57%	3%	8%	10%	18%	4%
Jul 2010	51%	4%	7%	13%	22%	3%
Jul 2009	58%	2%	6%	11%	19%	3%
Jul 2008	61%	4%	8%	10%	13%	3%
Jul 2007	64%	3%	6%	11%	11%	5%
Jul 2006	64%	4%	7%	10%	11%	5%
Jul 2005	59%	3%	9%	14%	11%	5%

**PPIC Statewide Survey
 Californians and the Environment - July 2020
 Likely Voters - Time Trends(cont.)**

	Unweighted n
Jul 2020	1032
Jul 2019	1079
Jul 2018	1010
Jul 2017	1086
Jul 2016	1045
Jul 2015	1054
Jul 2014	974
Jul 2013	1264
Aug 2012	1558
Jul 2011	1638
Jul 2010	1466
Jul 2009	1568
Jul 2008	1453
Jul 2007	1404
Jul 2006	1352
Jul 2005	1465

(cont.)

**PPIC Statewide Survey
 Californians and the Environment - July 2020
 Likely Voters - Time Trends**

Q28. How serious of a threat is global warming to the economy and quality of life for California's future?						
	Very serious	Somewhat serious	Not too serious	Not at all serious	Don't know (volunteered)	Unweighted n
Jul 2020	51%	27%	11%	11%	0%	1032
Jul 2019	56%	18%	9%	15%	2%	1082
Jul 2018	57%	21%	9%	12%	1%	1014
Jul 2017	52%	24%	9%	14%	1%	1091
Jul 2016	51%	24%	11%	12%	1%	1052
Jul 2015	47%	22%	11%	16%	4%	1057
Dec 2014	46%	21%	14%	18%	1%	1054
Jul 2014	46%	25%	10%	17%	2%	978
Jul 2013	42%	27%	14%	14%	2%	1269
Aug 2012	40%	26%	13%	19%	1%	1564
Jul 2011	39%	29%	13%	18%	2%	1639
Jul 2010	36%	27%	15%	20%	3%	1462
Jul 2009	41%	26%	11%	20%	2%	1568
Jul 2008	47%	26%	11%	13%	2%	1452
Jul 2007	51%	26%	10%	11%	3%	1411
Jul 2006	46%	28%	10%	12%	3%	1352
Jul 2005	36%	34%	14%	14%	2%	1466

Note: Numbers may not add to 100 due to rounding

**PPIC Statewide Survey
 Californians and the Environment - July 2020
 Likely Voters - Time Trends**

Q29. How important is the issue of global warming to you personally?						
	Extremely important	Very important	Somewhat important	Not too important	Not at all important	Don't know (volunteered)
Jul 2020	28%	30%	21%	9%	12%	0%
Jul 2018	30%	30%	20%	9%	11%	0%

**PPIC Statewide Survey
 Californians and the Environment - July 2020
 Likely Voters - Time Trends(cont.)**

	Unweighted n
Jul 2020	1032
Jul 2018	1018

(cont.)

Note: Numbers may not add to 100 due to rounding

**PPIC Statewide Survey
 Californians and the Environment - July 2020
 Likely Voters - Time Trends**

Q30. Would you be willing to make major
 lifestyle changes to address the issue of global
 warming?

	Yes	No	Don't know (volunteered)	Unweighted n
Jul 2020	70%	29%	1%	1032
Jul 2003	65%	26%	9%	1152

Note: Numbers may not add to 100 due to rounding

**PPIC Statewide Survey
 Californians and the Environment - July 2020
 Likely Voters - Time Trends**

Q31. How about increased rising sea levels? Are you...						
	Very concerned	Somewhat concerned	Not too concerned	Not at all concerned	Don't know (volunteered)	Unweighted n
Jul 2020	35%	35%	19%	12%	0%	1032
Jul 2019	41%	24%	12%	21%	1%	1083
Jul 2017	35%	30%	12%	21%	1%	1093
Jul 2014	28%	29%	19%	24%	1%	980

Note: Numbers may not add to 100 due to rounding

**PPIC Statewide Survey
 Californians and the Environment - July 2020
 Likely Voters - Time Trends**

Q32. How about heat waves that are more severe? Are you...						
	Very concerned	Somewhat concerned	Not too concerned	Not at all concerned	Don't know (volunteered)	Unweighted n
Jul 2020	47%	32%	13%	8%	0%	1032
Jul 2019	47%	24%	11%	17%	1%	1081
Jul 2014	36%	24%	20%	19%	1%	979

Note: Numbers may not add to 100 due to rounding

**PPIC Statewide Survey
 Californians and the Environment - July 2020
 Likely Voters - Time Trends**

Q33. How about droughts that are more severe? Are you...						
	Very concerned	Somewhat concerned	Not too concerned	Not at all concerned	Don't know (volunteered)	Unweighted n
Jul 2020	60%	26%	8%	5%	0%	1032
Jul 2015	52%	27%	8%	11%	2%	1058
Jul 2014	63%	18%	5%	13%	1%	979
Jul 2013	46%	29%	10%	13%	1%	1271
Jul 2011	42%	29%	12%	17%	1%	1642
Jul 2009	53%	23%	7%	15%	1%	1569
Jul 2007	60%	22%	7%	10%	1%	1410
Jul 2005	40%	35%	12%	11%	2%	1466

Note: Numbers may not add to 100 due to rounding

**PPIC Statewide Survey
 Californians and the Environment - July 2020
 Likely Voters - Time Trends**

Q34. How about wildfires that are more severe? Are you...						
	Very concerned	Somewhat concerned	Not too concerned	Not at all concerned	Don't know (volunteered)	Unweighted n
Jul 2020	62%	26%	7%	4%	0%	1032
Jul 2019	68%	16%	5%	11%	0%	1080
Jul 2018	66%	20%	5%	10%	0%	1015
Jul 2014	55%	24%	7%	13%	1%	978
Jul 2013	52%	24%	10%	14%	0%	1272
Jul 2011	50%	27%	8%	14%	1%	1640
Jul 2009	56%	20%	8%	15%	1%	1571

Note: Numbers may not add to 100 due to rounding

**PPIC Statewide Survey
 Californians and the Environment - July 2020
 Likely Voters - Time Trends**

Q35. Next, to address global warming, do you favor or oppose the state law that requires California to reduce its greenhouse gas emissions to 40 percent below 1990 levels by the year 2030?

	Favor	Oppose	Don't know (volunteered)	Unweighted n
Jul 2020	76%	24%	1%	1031
Jul 2019	63%	31%	6%	1078
Jul 2018	66%	26%	7%	1017
Jul 2017	66%	28%	6%	1090

Note: Numbers may not add to 100 due to rounding

**PPIC Statewide Survey
 Californians and the Environment - July 2020
 Likely Voters - Time Trends**

Q36. Do you favor or oppose the state law that requires 100 percent of the state's electricity to come from renewable energy sources by the year 2045?

	Favor	Oppose	Don't know (volunteered)	Unweighted n
Jul 2020	74%	26%	0%	1032
Jul 2019	66%	30%	4%	1082
Jul 2018	67%	25%	8%	1017

Note: Numbers may not add to 100 due to rounding

**PPIC Statewide Survey
 Californians and the Environment - July 2020
 Likely Voters - Time Trends**

Q37. How much, if anything, have you heard about the state government policy called "cap and trade" that sets limits on greenhouse gas emissions? Have you heard a lot, a little, or nothing at all?

	A lot	A little	Nothing at all	Don't know (volunteered)	Unweighted n
Jul 2020	14%	46%	40%	0%	1032
Jul 2019	16%	41%	43%	0%	1084
Jul 2018	19%	43%	37%	0%	1020
Jul 2017	18%	39%	42%	0%	1095
Jul 2016	18%	42%	40%	1%	1056
Jul 2014	24%	39%	37%	0%	983
Jul 2013	18%	43%	38%	0%	1273
Aug 2012	21%	39%	40%	0%	1568
Jul 2010	27%	31%	42%	1%	1468

Note: Numbers may not add to 100 due to rounding

**PPIC Statewide Survey
 Californians and the Environment - July 2020
 Likely Voters - Time Trends**

Q38. In the system called "cap and trade," the California state government issues permits limiting the amount of greenhouse gases companies can put out. Do you favor or oppose the cap and trade system?

	Favor	Oppose	Don't know (volunteered)	Unweighted n
Jul 2020	62%	36%	2%	1031
Jul 2019	51%	35%	13%	1073
Jul 2018	50%	37%	13%	1014
Jul 2017	49%	38%	13%	1089
Jul 2016	46%	38%	16%	1050
Jul 2014	43%	50%	8%	980
Aug 2012	40%	49%	11%	1557
Jul 2011	47%	44%	9%	1634
Jul 2010	43%	48%	9%	1461
Jul 2009	44%	46%	10%	1566

Note: Numbers may not add to 100 due to rounding

**PPIC Statewide Survey
 Californians and the Environment - July 2020
 Likely Voters - Time Trends**

Q39. How important to you is it that some of the cap and trade revenues are spent on projects to improve environmental conditions in lower-income and disadvantaged communities?

	Very important	Somewhat important	Not too important	Not important at all	Don't know (volunteered)	Unweighted n
Jul 2020	42%	36%	12%	10%	1%	1030
Jul 2018	46%	30%	8%	13%	3%	1012
Jul 2017	46%	29%	9%	13%	3%	1081
Jul 2016	46%	30%	22%	0%	2%	1048
Jul 2013	42%	33%	23%	0%	2%	1255

Note: Numbers may not add to 100 due to rounding

**PPIC Statewide Survey
 Californians and the Environment - July 2020
 Likely Voters - Time Trends**

Q40. How about encouraging local governments to change land use and transportation planning so that people could drive less? Do you favor or oppose this proposal?

	Favor	Oppose	Don't know (volunteered)	Unweighted n
Jul 2020	75%	24%	1%	1030
Jul 2019	68%	29%	3%	1082
Jul 2013	72%	26%	2%	1268
Aug 2012	72%	26%	3%	1560
Jul 2011	75%	21%	4%	1639
Jul 2010	74%	23%	3%	1461
Jul 2009	75%	22%	3%	1568
Jul 2008	79%	18%	4%	1451

Note: Numbers may not add to 100 due to rounding

**PPIC Statewide Survey
 Californians and the Environment - July 2020
 Likely Voters - Time Trends**

Q41. How about requiring all automakers to further reduce the emissions of greenhouse gases from new cars? Do you favor or oppose this proposal?

	Favor	Oppose	Don't know (volunteered)	Unweighted n
Jul 2020	80%	19%	0%	1031
Jul 2019	76%	22%	2%	1078
Jul 2013	76%	22%	2%	1273
Aug 2012	70%	29%	1%	1563
Jul 2011	77%	20%	2%	1641
Jul 2010	73%	25%	2%	1465
Jul 2009	74%	24%	2%	1570
Jul 2008	79%	18%	3%	1453
Jul 2007	81%	16%	3%	1414
Jul 2006	80%	16%	5%	1350
Jul 2005	78%	17%	5%	1464
Jul 2004	80%	14%	6%	1453
Jul 2003	79%	15%	6%	1158

Note: Numbers may not add to 100 due to rounding

**PPIC Statewide Survey
 Californians and the Environment - July 2020
 Likely Voters - Time Trends**

Q42. Do you favor or oppose the California state government making its own policies, separate from the federal government, to address the issue of global warming?

	Favor	Oppose	Don't know (volunteered)	Unweighted n
Jul 2020	70%	29%	1%	1031
Jul 2019	61%	37%	2%	1083
Jul 2018	62%	34%	4%	1017
Jul 2017	63%	32%	6%	1091
Jan 2017	60%	37%	3%	1104
Jul 2016	65%	31%	5%	1050
Jul 2015	61%	33%	6%	1055
Jul 2014	59%	37%	4%	977
Jul 2013	62%	34%	5%	1270
Aug 2012	57%	38%	5%	1562
Jul 2011	61%	33%	6%	1635
Jul 2010	56%	38%	6%	1460
Jul 2009	57%	36%	7%	1568
Jul 2008	67%	28%	5%	1453
Jul 2007	69%	26%	5%	1411
Jul 2006	70%	25%	5%	1349
Jul 2005	59%	33%	8%	1460

Note: Numbers may not add to 100 due to rounding

**PPIC Statewide Survey
 Californians and the Environment - July 2020
 Likely Voters - Time Trends**

Q43. When it comes to efforts to fight climate change, how important is it to you that California acts as a leader around the world?						
	Very important	Somewhat important	Not too important	Not important at all	Don't know (volunteered)	Unweighted n
Jul 2020	48%	25%	11%	16%	0%	1032
Jul 2019	49%	22%	8%	20%	0%	1084
Jul 2018	51%	22%	10%	17%	0%	1017
Jul 2017	52%	20%	9%	17%	1%	1093

Note: Numbers may not add to 100 due to rounding

**PPIC Statewide Survey
Californians and the Environment - July 2020
Likely Voters - Time Trends**

Q44. Do you think that California doing things to reduce global warming in the future would cause there to be more jobs for people around the state, would cause there to be fewer jobs, or wouldn't affect the number of jobs for people around the state?

	More jobs	Fewer jobs	Wouldn't affect the number of jobs	Don't know (volunteered)	Unweighted n
Jul 2020	43%	27%	28%	2%	1032
Jul 2019	45%	23%	23%	9%	1080
Jul 2018	51%	19%	21%	9%	1016
Jul 2017	49%	21%	21%	9%	1087
Jul 2016	35%	23%	30%	12%	1048
Dec 2015	40%	23%	28%	9%	1109
Jul 2015	34%	24%	29%	13%	1060
Dec 2014	47%	21%	23%	8%	1052
Jul 2014	34%	29%	29%	8%	976
Jul 2013	39%	26%	24%	11%	1268
Aug 2012	38%	31%	24%	7%	1556
Jul 2011	43%	30%	20%	7%	1639
Sep 2010	41%	26%	24%	9%	1214
Jul 2010	43%	28%	21%	8%	1463

Note: Numbers may not add to 100 due to rounding

**PPIC Statewide Survey
 Californians and the Environment - July 2020
 Likely Voters - Time Trends**

Q45. Do you think that California doing things to reduce global warming in the future would cause gasoline prices at the pump around the state to increase, or to decrease, or wouldn't affect gasoline prices at the pump around the state?

	Increase gasoline prices	Decrease gasoline prices	Wouldn't affect gasoline prices	Don't know (volunteered)	Unweighted n
Jul 2020	57%	23%	19%	1%	1032
Jul 2019	60%	11%	20%	9%	1083
Jul 2018	58%	12%	19%	11%	1017
Jul 2017	54%	14%	21%	10%	1089
Jul 2016	59%	10%	24%	7%	1050

Note: Numbers may not add to 100 due to rounding

**PPIC Statewide Survey
 Californians and the Environment - July 2020
 Likely Voters - Time Trends**

Q46. In order to help reduce global warming,
 would you be willing or not willing to pay more
 for electricity if it were generated by renewable
 sources like solar or wind energy?

	Willing	Not willing	Don't know (volunteered)	Unweighted n
Jul 2020	50%	50%	0%	1032
Jul 2019	50%	47%	3%	1076
Jul 2018	51%	45%	5%	1013
Jul 2017	48%	46%	5%	1083
Jul 2016	56%	39%	5%	1051

Note: Numbers may not add to 100 due to rounding

**PPIC Statewide Survey
 Californians and the Environment - July 2020
 Likely Voters - Time Trends**

Q47. Do you think that ocean and beach pollution along the California coast is a big problem, somewhat of a problem, or not a problem in California today?

	Big problem	Somewhat of a problem	Not a problem	Don't know (volunteered)	Unweighted n
Jul 2020	49%	45%	6%	0%	1032
Jul 2017	46%	38%	14%	2%	1095
Feb 2006	48%	39%	10%	3%	1236
Nov 2003	50%	37%	9%	3%	1191
Jun 2000	48%	39%	8%	5%	920

Note: Numbers may not add to 100 due to rounding

**PPIC Statewide Survey
 Californians and the Environment - July 2020
 Likely Voters - Time Trends**

Q48. How about the contamination of fish and seafood? Do you think this is a big problem, somewhat of a problem, or not a problem in the part of the California coast that is closest to you?

	Big problem	Somewhat of a problem	Not a problem	Don't know (volunteered)	Unweighted n
Jul 2020	47%	42%	11%	0%	1032
Jul 2017	48%	32%	15%	4%	1092
Feb 2006	44%	38%	14%	3%	1238
Nov 2003	48%	34%	15%	4%	1192

Note: Numbers may not add to 100 due to rounding

**PPIC Statewide Survey
 Californians and the Environment - July 2020
 Likely Voters - Time Trends**

Q49. How about declining marine life? Do you think this is a big problem, somewhat of a problem, or not a problem in the part of the California coast that is closest to you?

	Big problem	Somewhat of a problem	Not a problem	Don't know (volunteered)	Unweighted n
Jul 2020	55%	36%	9%	0%	1032
Jul 2017	48%	28%	18%	6%	1094

Note: Numbers may not add to 100 due to rounding

**PPIC Statewide Survey
 Californians and the Environment - July 2020
 Likely Voters - Time Trends**

Q50. How about plastics and marine debris? Do you think this is a big problem, somewhat of a problem, or not a problem in the part of the California coast that is closest to you?

	Big problem	Somewhat of a problem	Not a problem	Don't know (volunteered)	Unweighted n
Jul 2020	70%	26%	3%	0%	1032
Jul 2019	65%	23%	11%	2%	1085

Note: Numbers may not add to 100 due to rounding

**PPIC Statewide Survey
 Californians and the Environment - July 2020
 Likely Voters - Time Trends**

Q51. How about limited access to the coast and beaches? Do you think this is a big problem, somewhat of a problem, or not a problem in the part of the California coast that is closest to you?

	Big problem	Somewhat of a problem	Not a problem	Don't know (volunteered)	Unweighted n
Jul 2020	19%	43%	38%	1%	1032
Jul 2017	21%	33%	45%	2%	1093
Feb 2006	17%	34%	46%	3%	1238
Nov 2003	19%	35%	42%	4%	1192

Note: Numbers may not add to 100 due to rounding

**PPIC Statewide Survey
 Californians and the Environment - July 2020
 Likely Voters - Time Trends**

Q52. How important is the condition of oceans and beaches to the economy and quality of life for California's future?						
	Very important	Somewhat important	Not too important	Not at all important	Don't know (volunteered)	Unweighted n
Jul 2020	65%	31%	3%	0%	0%	1032
Jul 2019	75%	21%	2%	1%	0%	1085
Jul 2018	76%	20%	2%	1%	0%	1020
Jul 2017	72%	23%	2%	1%	1%	1095

Note: Numbers may not add to 100 due to rounding

**PPIC Statewide Survey
 Californians and the Environment - July 2020
 Likely Voters - Time Trends**

Q53. How concerned are you about rising sea levels having an impact on flooding and beach erosion?						
	Very concerned	Somewhat concerned	Not too concerned	Not at all concerned	Don't know (volunteered)	Unweighted n
Jul 2020	40%	34%	18%	8%	0%	1032
Jul 2018	46%	26%	13%	14%	1%	1019

Note: Numbers may not add to 100 due to rounding

**PPIC Statewide Survey
 Californians and the Environment - July 2020
 Likely Voters - Time Trends**

Q54. How concerned are you about ocean warming having an impact on marine and coastal life?						
	Very concerned	Somewhat concerned	Not too concerned	Not at all concerned	Don't know (volunteered)	Unweighted n
Jul 2020	53%	29%	13%	6%	0%	1032
Jul 2018	52%	25%	12%	10%	1%	1018

Note: Numbers may not add to 100 due to rounding

**PPIC Statewide Survey
 Californians and the Environment - July 2020
 Likely Voters - Time Trends**

Q55. How about allowing more oil drilling off the California coast? Do you favor or oppose this proposal?

	Favor	Oppose	Don't know (volunteered)	Unweighted n
Jul 2020	27%	72%	1%	1032
Jul 2019	30%	66%	4%	1080
Jul 2018	28%	67%	5%	1020
Jul 2017	28%	67%	4%	1091
Jul 2016	35%	61%	4%	1053
Jul 2015	43%	53%	3%	1063
Jul 2014	51%	46%	3%	983
Jul 2013	43%	53%	4%	1271
Aug 2012	51%	46%	3%	1567
Jul 2011	49%	48%	4%	1641
Jul 2010	37%	59%	3%	718
Jul 2009	55%	41%	4%	1569
Jul 2008	51%	45%	4%	1453
Jul 2007	40%	55%	6%	1409
Jul 2006	42%	53%	5%	1352
Feb 2006	30%	67%	3%	1235
Jul 2005	42%	54%	4%	1464
Jul 2004	42%	54%	5%	1452
Jul 2003	37%	58%	5%	1156

Note: Numbers may not add to 100 due to rounding

**PPIC Statewide Survey
 Californians and the Environment - July 2020
 Likely Voters - Time Trends**

Q56. How about allowing wind power and wave energy projects off the California coast? Do you favor or oppose this proposal?

	Favor	Oppose	Don't know (volunteered)	Unweighted n
Jul 2020	81%	17%	1%	1031
Jul 2019	75%	18%	7%	1080
Jul 2017	76%	17%	7%	1093

Note: Numbers may not add to 100 due to rounding

**PPIC Statewide Survey
 Californians and the Environment - July 2020
 Likely Voters - Time Trends**

Q57. How about maintaining the rules and boundaries of national marine sanctuaries and California Marine Protected Areas—or MPAs—to protect fish, wildlife, and their habitat off the California coast? Do you favor or oppose this proposal??

	Favor	Oppose	Don't know (volunteered)	Unweighted n
Jul 2020	92%	8%	1%	1032
Jul 2018	88%	9%	3%	1018

Note: Numbers may not add to 100 due to rounding

**PPIC Statewide Survey
 Californians and the Environment - July 2020
 Likely Voters - Time Trends**

Q58. How about building desalination plants on
 the California coast? Do you favor or oppose
 this proposal?

	Favor	Oppose	Don't know (volunteered)	Unweighted n
Jul 2020	73%	24%	3%	1032
Jul 2017	68%	25%	7%	1088
Feb 2006	58%	31%	11%	1235

Note: Numbers may not add to 100 due to rounding

**PPIC Statewide Survey
 Californians and the Environment - July 2020
 Likely Voters - Time Trends**

Q59. Do you approve or disapprove of the way
 that President Trump is handling environmental
 issues in the United States?

	Approve	Disapprove	Don't know (volunteered)	Unweighted n
Jul 2020	29%	70%	1%	1030
Jul 2019	31%	65%	4%	1083
Jul 2018	27%	67%	6%	1013
Jul 2017	31%	63%	6%	1088

Note: Numbers may not add to 100 due to rounding

**PPIC Statewide Survey
 Californians and the Environment - July 2020
 Likely Voters - Time Trends**

Q60. Do you approve or disapprove of the way
 the U.S. Congress is handling environmental
 issues in the United States?

	Approve	Disapprove	Don't know (volunteered)	Unweighted n
Jul 2020	20%	78%	2%	1028
Jul 2019	17%	76%	8%	1078
Jul 2018	16%	76%	8%	1011
Jul 2017	21%	70%	9%	1088
Jul 2016	17%	75%	8%	1046
Jul 2015	20%	70%	10%	1059
Jul 2014	16%	78%	5%	972
Jul 2013	18%	72%	10%	1264
Aug 2012	15%	74%	11%	1560
Jul 2011	18%	70%	12%	1638

Note: Numbers may not add to 100 due to rounding

**PPIC Statewide Survey
 Californians and the Environment - July 2020
 Likely Voters - Time Trends**

Q61. How much of the time can you trust the federal government to do what is right when it comes to handling environmental issues in the United States?						
	Just about always	Most of the time	Only some of the time	Never (volunteered)	Don't know (volunteered)	Unweighted n
Jul 2020	2%	18%	79%	0%	1%	1032
Jul 2005	4%	22%	60%	13%	2%	1468

Note: Numbers may not add to 100 due to rounding

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Q62. How much, if at all, has your life been disrupted by the coronavirus outbreak?						
	A lot	Some	Just a little	Not at all	Don't know (volunteered)	Unweighted n
Jul 2020	49%	36%	13%	2%	0%	1032
Apr 2020	52%	36%	10%	2%	0%	1094

Note: Numbers may not add to 100 due to rounding

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Q63. How worried, if at all, are you that you or someone in your family will get sick from the Coronavirus?						
	Very worried	Somewhat worried	Not too worried	Not at all worried	Don't know (volunteered)	Unweighted n
Jul 2020	40%	37%	17%	6%	0%	1031
Apr 2020	39%	41%	16%	3%	0%	1094

Note: Numbers may not add to 100 due to rounding

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Q64. How worried, if it all, are you that the Coronavirus will have a negative impact on the personal finances of you and your family?						
	Very worried	Somewhat worried	Not too worried	Not at all worried	Don't know (volunteered)	Unweighted n
Jul 2020	30%	37%	24%	9%	0%	1032
Apr 2020	40%	34%	21%	5%	0%	1094

Note: Numbers may not add to 100 due to rounding

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Q65. Do you feel that worry or stress related to coronavirus has had a negative impact on your mental health, or not?

	Yes, major impact	Yes, minor impact	No	Don't know (volunteered)	Unweighted n
Jul 2020	18%	33%	49%	0%	1011
Apr 2020	25%	24%	50%	0%	1092

Note: Numbers may not add to 100 due to rounding