

Californians and the Environment July 2022

Time Trends – Likely Voters

Methodology Note:

Findings for July 2022 are based on a survey of 1,648 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 19.5 minutes. Interviews were completed from July 8–15, 2022.

The July 2022 sampling error for the 1,132 likely voters, taking design effects from weighting into consideration, is ± 4.1 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.

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 2022
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	Unweighted n
Jul 2022	59%	39%	2%	1132
Jul 2021	59%	40%	1%	1115
Jul 2020	67%	32%	1%	1032
Jul 2019	46%	36%	18%	1070

Note: Numbers may not add to 100 due to rounding

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Q2. Overall, do you approve or disapprove of
 the way that Governor Newsom is handling the
 issue of jobs and the economy?

	Approve	Disapprove	Don't know	Unweighted n
Jul 2022	58%	40%	2%	1130
Apr 2022	54%	44%	2%	1057
Nov 2021	62%	37%	0%	1539
Jul 2021	56%	43%	1%	1117
Apr 2021	59%	40%	1%	1103
Dec 2020	59%	40%	1%	1551
May 2020	57%	35%	8%	1041

Note: Numbers may not add to 100 due to rounding

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Q3. Do you approve or disapprove of the way
 that the California Legislature is handling
 environmental issues in California?

	Approve	Disapprove	Don't know	Unweighted n
Jul 2022	53%	44%	2%	1131
Jul 2021	53%	45%	2%	1117
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

Note: Numbers may not add to 100 due to rounding

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Q4. 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 (vol)	Don't know	Unweighted n
Jul 2022	8%	41%	50%	0%	0%	1132
Jul 2021	6%	43%	50%	0%	0%	1117
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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Q5. 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	Unweighted n
Jul 2022	30%	69%	1%	1132
Apr 2022	39%	59%	2%	1056
Nov 2021	46%	53%	1%	1541
Jul 2021	57%	42%	1%	1115
Apr 2021	55%	43%	2%	1102
Dec 2020	30%	69%	1%	1552
Jul 2020	17%	83%	0%	1031
Apr 2020	21%	78%	1%	1094
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

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 Likely Voters - Time Trends(cont.)**

Q5. 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	Unweighted n
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
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

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 Likely Voters - Time Trends(cont.)**

Q5. 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	Unweighted n
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
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

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Q5. 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	Unweighted n
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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Q14. Next, 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	Unweighted n
Jul 2022	77%	19%	4%	0%	1132
Jul 2021	69%	25%	6%	0%	1117
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

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Q15. Overall, do you think that the state and local governments are doing too much, the right amount, or not enough to respond to the current drought in California?

	Too much	The right amount	Not enough	Don't know	Unweighted n
Jul 2022	4%	21%	75%	0%	1130
Jul 2021	5%	25%	70%	0%	1114
Jul 2016	7%	27%	63%	3%	1056
Jan 2015	5%	28%	63%	4%	1006
Dec 2014	5%	27%	62%	6%	1055
Oct 2014	4%	28%	62%	6%	969

Note: Numbers may not add to 100 due to rounding

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Q16. Overall, do you think that the people in your part of California are doing too much, the right amount, or not enough to respond to the current drought in California?

	Too much	The right amount	Not enough	Don't know	Unweighted n
Jul 2022	3%	24%	72%	0%	1131
Jul 2021	3%	29%	68%	0%	1117
Mar 2016	9%	48%	41%	2%	1035
Sep 2015	7%	46%	43%	3%	1062
Jul 2015	8%	37%	49%	5%	1059
Jun 2015	5%	32%	57%	5%	1047
Mar 2015	4%	25%	67%	4%	1059

Note: Numbers may not add to 100 due to rounding

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Q17. Do you think climate change has contributed to California's current drought or not?

	Yes, has contributed	No, has not contributed	Don't know	Unweighted n
Jul 2022	77%	23%	0%	1131
Jul 2021	77%	22%	1%	1116
Jul 2015	55%	40%	5%	1061

Note: Numbers may not add to 100 due to rounding

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Q18. Would you say that you and your family have taken steps to reduce water use recently in response to the current drought?

	Yes, done a lot to reduce water use	Yes, done a little to reduce water use	No, have not taken steps	Don't know	Unweighted n
Jul 2022	51%	38%	12%	0%	1129
Jul 2021	41%	41%	18%	0%	1113
Mar 2014	55%	36%	8%	0%	1089

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	Unweighted n
Jul 2022	65%	33%	3%	1131
Jul 2021	65%	33%	1%	1117
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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Q20. How serious a health threat is pollution of drinking water in your part of California to you and your immediate family?					
	Very serious	Somewhat serious	Not too serious	Don't know	Unweighted n
Jul 2022	12%	25%	62%	1%	1131
Jul 2021	13%	30%	57%	0%	1117
Jul 2020	13%	27%	59%	0%	1032

Note: Numbers may not add to 100 due to rounding

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Q21. Next, 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	Unweighted n
Jul 2022	29%	44%	27%	0%	1130
Jul 2021	31%	46%	23%	0%	1116
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	Unweighted n
Jul 2022	56%	43%	1%	1131
Jul 2021	54%	45%	1%	1117
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

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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 (vol)	Don't know	Unweighted n
Jul 2022	12%	39%	47%	0%	1%	1130
Jul 2021	13%	45%	42%	0%	0%	1117
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. Next, 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	Unweighted n
Jul 2022	47%	34%	19%	0%	1131
Nov 2021	56%	32%	12%	0%	1542
Jul 2021	57%	28%	15%	0%	1117
Dec 2020	54%	34%	12%	0%	1552
Jul 2020	52%	32%	15%	0%	1032
Mar 2019	46%	29%	25%	1%	1112

Note: Numbers may not add to 100 due to rounding

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Q25. How serious is the threat of wildfires in your part of California to your personal and economic wellbeing?

	Very serious	Somewhat serious	Not too serious	Don't know	Unweighted n
Jul 2022	24%	38%	38%	0%	1131
Nov 2021	25%	38%	36%	0%	1542
Jul 2021	32%	33%	35%	0%	1117
Dec 2020	27%	33%	40%	0%	1552

Note: Numbers may not add to 100 due to rounding

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Q26. Do you think that climate change has contributed to California's recent wildfires or not?				
	Yes, has contributed	No, has not contributed	Don't know	Unweighted n
Jul 2022	77%	22%	1%	1131
Jul 2021	75%	24%	1%	1117
Jul 2020	69%	30%	1%	1032
Jul 2019	59%	37%	4%	1084

Note: Numbers may not add to 100 due to rounding

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Q27. 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 (vol)	Don't know	Unweighted n
Jul 2022	29%	57%	14%	0%	0%	1131
Nov 2021	36%	46%	18%	0%	0%	1541
Jul 2021	31%	52%	17%	0%	0%	1117
Dec 2020	41%	45%	14%	0%	0%	1552
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

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Q28. How concerned have you been about the threat of power shutoffs to prevent wildfires where you live? Have you been very concerned, somewhat concerned, not too concerned, or not at all concerned?

	Very concerned	Somewhat concerned	Not too concerned	Not at all concerned	Don't know	Unweighted n
Jul 2022	19%	35%	34%	12%	0%	1132
Nov 2019	30%	27%	19%	22%	0%	1016

Note: Numbers may not add to 100 due to rounding

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Q29. On another topic, which of the following statements reflects your view of when the effects of climate change 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
Jul 2022	72%	3%	8%	8%	9%	0%
Jul 2021	70%	3%	9%	8%	10%	1%
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%

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	Unweighted n
Jul 2022	1130
Jul 2021	1116
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.)

Note: Numbers may not add to 100 due to rounding

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Q30. Compared to other issues, would you say addressing global climate change is...?					
	A top concern to me personally	One of several important concerns to me	Not an important concern to me	Don't know	Unweighted n
Jul 2022	24%	55%	21%	0%	1131
Jul 2021	25%	53%	22%	0%	1117

Note: Numbers may not add to 100 due to rounding

**PPIC Statewide Survey
 Californians and the Environment - July 2022
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Q31. How serious of a threat is climate change 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	Unweighted n
Jul 2022	54%	26%	11%	9%	0%	1130
Jul 2021	50%	30%	11%	9%	0%	1117
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
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Q32. How about increased rising sea levels? Are you...?						
	Very concerned	Somewhat concerned	Not too concerned	Not at all concerned	Don't know	Unweighted n
Jul 2022	25%	38%	22%	15%	0%	1131
Jul 2021	26%	39%	23%	12%	0%	1116
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 2022
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Q33. How about heat waves that are more severe? Are you...?						
	Very concerned	Somewhat concerned	Not too concerned	Not at all concerned	Don't know	Unweighted n
Jul 2022	50%	30%	14%	6%	0%	1131
Jul 2021	52%	30%	11%	7%	0%	1117
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 2022
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Q34. How about droughts that are more severe? Are you...?						
	Very concerned	Somewhat concerned	Not too concerned	Not at all concerned	Don't know	Unweighted n
Jul 2022	67%	22%	8%	4%	0%	1131
Jul 2021	65%	25%	6%	4%	0%	1117
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
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Q35. How about wildfires that are more severe? Are you...?						
	Very concerned	Somewhat concerned	Not too concerned	Not at all concerned	Don't know	Unweighted n
Jul 2022	61%	27%	8%	4%	0%	1131
Jul 2021	66%	24%	6%	3%	0%	1116
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 2022
 Likely Voters - Time Trends**

Q36. Next, to address climate change, 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	Unweighted n
Jul 2022	70%	29%	1%	1132
Jul 2021	73%	26%	1%	1116
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 2022
 Likely Voters - Time Trends**

Q37. 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	Unweighted n
Jul 2022	71%	28%	0%	1132
Jul 2021	69%	31%	0%	1116
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 2022
 Likely Voters - Time Trends**

Q38. How about Governor Newsom's executive order banning the sale of all new gasoline-powered vehicles by 2035? Do you favor or oppose this proposal?

	Favor	Oppose	Don't know	Unweighted n
Jul 2022	49%	49%	1%	1131
Jul 2021	48%	51%	1%	1117

Note: Numbers may not add to 100 due to rounding

**PPIC Statewide Survey
 Californians and the Environment - July 2022
 Likely Voters - Time Trends**

Q39. How about Governor Newsom's plan that would ban the issuance of new hydraulic fracturing – or "fracking" – permits in California starting in 2024? Do you favor oppose this proposal?

	Favor	Oppose	Don't know	Unweighted n
Jul 2022	61%	37%	1%	1131
Jul 2021	64%	34%	1%	1116

Note: Numbers may not add to 100 due to rounding

**PPIC Statewide Survey
 Californians and the Environment - July 2022
 Likely Voters - Time Trends**

Q40. Next, do you favor or oppose the California state government making its own policies, separate from the federal government, to address the issue of climate change?

	Favor	Oppose	Don't know	Unweighted n
Jul 2022	68%	31%	1%	1131
Jul 2021	67%	33%	1%	1117
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 2022
 Likely Voters - Time Trends**

Q41. 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	Unweighted n
Jul 2022	44%	25%	12%	19%	1%	1130
Jul 2021	46%	25%	12%	17%	0%	1117
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
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Q42. Next, do you think that California doing things to reduce climate change 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	Unweighted n
Jul 2022	41%	25%	32%	1%	1130
Jul 2021	42%	27%	29%	2%	1117
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 2022
 Likely Voters - Time Trends**

Q43. In order to help reduce climate change,
 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	Unweighted n
Jul 2022	45%	54%	1%	1132
Jul 2021	47%	52%	1%	1116
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 2022
 Likely Voters - Time Trends**

Q44. Would you say that you have or have not seriously considered getting an electric vehicle the next time you buy or lease a vehicle, or do you already have one?

	have considered	have not considered	already have one	don't drive/don't have a car/won't be buying another vehicle (vol)	Don't know	Unweighted n
Jul 2022	49%	44%	7%	0%	0%	1131
Jul 2016	49%	39%	7%	4%	1%	1054
Jul 2015	45%	46%	5%	4%	1%	1063
Jul 2013	51%	35%	8%	5%	1%	1273

Note: Numbers may not add to 100 due to rounding

**PPIC Statewide Survey
 Californians and the Environment - July 2022
 Likely Voters - Time Trends**

Q45. 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	Unweighted n
Jul 2022	39%	50%	10%	1%	1131
Jul 2021	48%	43%	8%	1%	1117
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 2022
 Likely Voters - Time Trends**

Q46. 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	Unweighted n
Jul 2022	58%	35%	6%	1%	1131
Jul 2021	62%	30%	7%	1%	1117
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 2022
 Likely Voters - Time Trends**

Q47. 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	Unweighted n
Jul 2022	16%	41%	42%	1%	1130
Jul 2021	18%	43%	38%	1%	1117
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 2022
 Likely Voters - Time Trends**

Q48. Next, 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	Unweighted n
Jul 2022	62%	31%	5%	1%	1%	1131
Jul 2021	67%	28%	3%	2%	0%	1117
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 2022
 Likely Voters - Time Trends**

Q49. How about allowing more oil drilling off the California coast? Do you favor or oppose this proposal?

	Favor	Oppose	Don't know	Unweighted n
Jul 2022	34%	65%	1%	1129
Jul 2021	28%	71%	1%	1115
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
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 Likely Voters - Time Trends**

Q50. 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	Unweighted n
Jul 2022	85%	14%	1%	1132
Jul 2021	85%	13%	2%	1117
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 2022
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Q51. How about expanding hydraulic fracturing, sometimes called "fracking," for oil and natural gas? Do you favor or oppose this proposal?

	Favor	Oppose	Don't know	Unweighted n
Jul 2022	32%	66%	1%	1130
Jul 2021	33%	66%	1%	1117

Note: Numbers may not add to 100 due to rounding

**PPIC Statewide Survey
 Californians and the Environment - July 2022
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Q52. How about building desalination plants on
 the California coast? Do you favor or oppose
 this proposal?

	Favor	Oppose	Don't know	Unweighted n
Jul 2022	79%	18%	3%	1130
Jul 2021	77%	20%	3%	1117
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 2022
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Q53. Do you approve or disapprove of the way
 that President Biden is handling environmental
 issues in the United States?

	Approve	Disapprove	Don't know	Unweighted n
Jul 2022	49%	48%	2%	1128
Jul 2021	61%	37%	2%	1116

Note: Numbers may not add to 100 due to rounding

**PPIC Statewide Survey
 Californians and the Environment - July 2022
 Likely Voters - Time Trends**

Q54. 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	Unweighted n
Jul 2022	18%	80%	2%	1129
Jul 2021	28%	70%	1%	1116
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 2022
 Likely Voters - Time Trends**

Q55. 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 (vol)	Don't know	Unweighted n
Jul 2022	2%	17%	80%	1%	1%	1131
Jul 2021	2%	22%	75%	1%	1%	1114
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

**PPIC Statewide Survey
 Californians and the Environment - July 2022
 Likely Voters - Time Trends**

Q56. Right now, which ONE of the following do you think should be the more important priority for addressing America's energy supply?

	Developing alternative energy sources such as wind, solar, and hydrogen technology	Expanding exploration and production of oil, coal, and natural gas	Both (vol)	Don't know	Unweighted n
Jul 2022	74%	25%	0%	1%	1131
Jul 2021	77%	21%	1%	1%	1117

Note: Numbers may not add to 100 due to rounding

**PPIC Statewide Survey
 Californians and the Environment - July 2022
 Likely Voters - Time Trends**

Q59. How big of a problem is racism in the U.S. today?						
	Big problem	Somewhat of a problem	Small problem	Not a problem at all	Don't know	Unweighted n
Jul 2022	51%	29%	13%	7%	0%	1131
Apr 2022	50%	27%	16%	7%	0%	1057
Nov 2021	49%	31%	13%	7%	0%	1539
Jul 2021	55%	25%	13%	7%	0%	1117
Apr 2021	61%	23%	10%	6%	0%	1103
Dec 2020	56%	26%	11%	7%	0%	1552
Jul 2020	61%	22%	12%	5%	0%	1032

Note: Numbers may not add to 100 due to rounding

**PPIC Statewide Survey
 Californians and the Environment - July 2022
 Likely Voters - Time Trends**

Q60. Thinking about your own experience, have you ever experienced discrimination or been treated unfairly because of your race or ethnicity?						
	Yes, regularly	Yes, from time to time	Yes, don't know (vol)	No	Don't know	Unweighted n
Jul 2022	3%	33%	0%	64%	0%	1130
Apr 2022	3%	28%	2%	66%	1%	1020
Jul 2021	5%	37%	0%	58%	0%	1112
Apr 2021	3%	30%	4%	62%	0%	1071
Jul 2020	5%	38%	0%	57%	0%	1020

Note: Numbers may not add to 100 due to rounding

**PPIC Statewide Survey
 Californians and the Environment - July 2022
 Likely Voters - Time Trends**

Q61. In general, do you think the criminal justice system in the United States is biased against African Americans, or do you think the criminal justice system treats people equally regardless of race?

	Criminal justice system in the United States is biased against African Americans	Criminal justice system treats people equally regardless of race	Don't know	Unweighted n
Jul 2022	64%	35%	1%	1128
Apr 2022	64%	35%	1%	1054
Jul 2021	65%	34%	2%	1113
Apr 2021	65%	34%	1%	1101
Jul 2020	65%	35%	0%	1030

Note: Numbers may not add to 100 due to rounding

**PPIC Statewide Survey
 Californians and the Environment - July 2022
 Likely Voters - Time Trends**

Q62. How concerned are you about the threat of a mass shooting in the area where you live? Are you very concerned, somewhat concerned, not very concerned, or not concerned at all?

	Very concerned	Somewhat concerned	Not very concerned	Not concerned at all	Don't know	Unweighted n
Jul 2022	30%	44%	17%	9%	0%	1131
May 2021	20%	27%	29%	22%	0%	1074
Sep 2019	29%	32%	21%	17%	0%	1028
Jan 2016	22%	32%	26%	20%	0%	1041

Note: Numbers may not add to 100 due to rounding

**PPIC Statewide Survey
 Californians and the Environment - July 2022
 Likely Voters - Time Trends**

Q63. In general, do you think laws covering the sale of guns should be more strict, less strict, or kept as they are now?

	More strict	Less strict	Kept as they are now	Don't know	Unweighted n
Jul 2022	76%	7%	16%	0%	1131
May 2021	60%	16%	23%	2%	1073
Oct 2019	65%	11%	23%	1%	1023
Oct 2018	60%	15%	24%	1%	987
Mar 2018	69%	7%	23%	1%	928
May 2017	57%	17%	25%	1%	1016
Sep 2015	60%	11%	28%	1%	1065

Note: Numbers may not add to 100 due to rounding

**PPIC Statewide Survey
 Californians and the Environment - July 2022
 Likely Voters - Time Trends**

Q66. Do you have a favorable or an unfavorable impression of the Democratic Party?

	Favorable	Unfavorable	Don't know	Unweighted n
Jul 2022	45%	53%	2%	1125
Sep 2021	53%	45%	2%	1067
Oct 2020	52%	45%	2%	1180
Nov 2019	48%	49%	3%	1007
Oct 2018	40%	56%	4%	976
Dec 2017	45%	52%	3%	1060
Oct 2016	52%	45%	3%	1021
May 2016	46%	50%	4%	984
Dec 2015	49%	48%	4%	1099
Oct 2014	45%	48%	7%	964
Dec 2013	48%	49%	4%	1072
Mar 2013	50%	46%	4%	1132
Oct 2012	51%	45%	5%	1327
Sep 2011	44%	50%	6%	1350
Oct 2010	45%	49%	6%	1230
Mar 2010	41%	52%	7%	1222

Note: Numbers may not add to 100 due to rounding

**PPIC Statewide Survey
 Californians and the Environment - July 2022
 Likely Voters - Time Trends**

Q67. Do you have a favorable or an unfavorable impression of the Republican Party?

	Favorable	Unfavorable	Don't know	Unweighted n
Jul 2022	26%	73%	1%	1125
Sep 2021	29%	68%	3%	1067
Oct 2020	33%	65%	2%	1179
Nov 2019	33%	63%	4%	1004
Oct 2018	33%	63%	4%	976
Dec 2017	24%	73%	3%	1066
Oct 2016	22%	75%	4%	1017
May 2016	19%	77%	3%	980
Dec 2015	33%	63%	4%	1096
Oct 2014	28%	64%	8%	960
Dec 2013	30%	66%	4%	1073
Mar 2013	29%	66%	4%	1131
Oct 2012	35%	60%	5%	1324
Sep 2011	31%	62%	7%	1357
Oct 2010	30%	62%	8%	1225
Mar 2010	29%	63%	8%	1220

Note: Numbers may not add to 100 due to rounding