

Californians and the Environment July 2022

Time Trends – All Respondents

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 sampling error for July 2022, taking design effects from weighting into consideration, is ± 3.4 percent at the 95 percent confidence level for the total unweighted sample of 1,648 adults. This means that 95 times out of 100, the results will be within 3.4 percentage points of what they would be if all adults in California were interviewed. 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
 All Adults - 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%	1639
Jul 2021	59%	39%	2%	1559
Jul 2020	69%	29%	1%	1555
Jul 2019	45%	30%	25%	1681

Note: Numbers may not add to 100 due to rounding

**PPIC Statewide Survey
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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	59%	39%	2%	1638
Apr 2022	54%	42%	4%	1578
Nov 2021	61%	38%	1%	2283
Jul 2021	57%	41%	2%	1562
Apr 2021	56%	41%	4%	1592
Dec 2020	58%	40%	1%	2312
May 2020	59%	32%	9%	1691

Note: Numbers may not add to 100 due to rounding

**PPIC Statewide Survey
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 All Adults - Time Trends**

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	55%	42%	3%	1641
Jul 2021	53%	45%	2%	1564
Jul 2020	62%	36%	3%	1553
Jul 2019	45%	38%	17%	1691
Jul 2018	43%	41%	16%	1704
Jul 2017	51%	33%	16%	1697
Jul 2016	48%	36%	15%	1688
Jul 2015	42%	45%	13%	1693
Jul 2014	38%	44%	17%	1685
Jul 2013	38%	41%	21%	2089
Aug 2012	36%	44%	21%	2476
Jul 2011	31%	44%	24%	2489

Note: Numbers may not add to 100 due to rounding

**PPIC Statewide Survey
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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	7%	43%	49%	0%	0%	1642
Jul 2021	7%	41%	51%	0%	1%	1565
Jul 2020	9%	44%	47%	0%	0%	1556
Jul 2005	8%	29%	55%	5%	3%	2497

Note: Numbers may not add to 100 due to rounding

**PPIC Statewide Survey
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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	31%	68%	1%	1646
Apr 2022	40%	57%	4%	1584
Nov 2021	47%	52%	1%	2289
Jul 2021	54%	44%	1%	1564
Apr 2021	54%	44%	2%	1597
Dec 2020	31%	68%	1%	2324
Jul 2020	19%	80%	1%	1558
Apr 2020	19%	79%	1%	1631
Jan 2020	49%	43%	8%	1694
Sep 2019	41%	50%	10%	1694
May 2019	44%	47%	9%	1702
Jan 2019	49%	42%	9%	1697
Dec 2018	46%	45%	9%	1687
Oct 2018	48%	39%	12%	1693
Sep 2018	53%	37%	10%	1689
May 2018	51%	39%	10%	1694
Jan 2018	56%	35%	10%	1695
Sep 2017	51%	40%	9%	1728
Mar 2017	51%	40%	9%	1696
Jan 2017	53%	35%	12%	1691
Oct 2016	47%	38%	15%	1696
Sep 2016	48%	40%	12%	1693
May 2016	50%	39%	11%	1691
Mar 2016	51%	40%	9%	1695
Jan 2016	49%	43%	8%	1693
Dec 2015	48%	41%	11%	1689
Sep 2015	48%	42%	9%	1700
Jun 2015	48%	42%	10%	1695
Mar 2015	52%	38%	10%	1686
Jan 2015	58%	34%	8%	1691
Dec 2014	52%	39%	9%	1684
Oct 2014	45%	44%	11%	1694
Sep 2014	44%	45%	10%	1687
May 2014	44%	47%	9%	1689
Mar 2014	46%	45%	10%	1693
Jan 2014	49%	45%	6%	1692
Dec 2013	43%	48%	9%	1692
Sep 2013	46%	44%	10%	1694
Jun 2013	46%	42%	12%	2468
May 2013	48%	44%	8%	1685
Mar 2013	44%	49%	8%	1691

**PPIC Statewide Survey
 Californians and the Environment - July 2022
 All Adults - 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	49%	40%	11%	1695
Dec 2012	41%	50%	9%	1987
Oct 2012	37%	53%	11%	1995
Sep 2012	33%	57%	10%	1983
May 2012	31%	61%	8%	1986
Mar 2012	34%	56%	10%	1994
Jan 2012	35%	56%	9%	1988
Dec 2011	31%	60%	9%	1986
Sep 2011	25%	67%	8%	1993
Jun 2011	26%	63%	11%	2479
Jun 2011	34%	58%	8%	1995
Mar 2011	30%	61%	8%	1987
Feb 2011	34%	54%	11%	2481
Jan 2011	36%	56%	7%	1989
Oct 2010	25%	62%	13%	1971
Sep 2010	29%	59%	12%	1984
Jul 2010	25%	67%	7%	2487
May 2010	28%	65%	8%	1990
Mar 2010	27%	65%	8%	1991
Jan 2010	25%	67%	8%	1990
Dec 2009	28%	66%	6%	1995
Nov 2009	23%	69%	8%	2487
Sep 2009	26%	67%	7%	1996
Jul 2009	18%	75%	7%	2493
Jun 2009	24%	69%	7%	2498
May 2009	25%	67%	8%	1998
Mar 2009	22%	71%	6%	1999
Feb 2009	22%	73%	6%	2496
Jan 2009	18%	77%	5%	1998
Nov 2008	20%	71%	10%	2489
Oct 2008	18%	74%	8%	1995
Sep 2008	20%	68%	11%	1996
Aug 2008	21%	71%	8%	1995
Jul 2008	15%	78%	6%	2498
Jun 2008	15%	78%	7%	2495
May 2008	17%	73%	10%	1988
Mar 2008	16%	76%	9%	1998
Jan 2008	20%	72%	9%	1991
Dec 2007	25%	65%	10%	1993
Sep 2007	33%	59%	8%	1992
Jun 2007	40%	49%	10%	1987
May 2007	38%	50%	12%	1990
Mar 2007	40%	51%	9%	1989

**PPIC Statewide Survey
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All Adults - 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	50%	39%	11%	2009
Oct 2006	50%	37%	13%	1994
Sep 2006	45%	43%	12%	1999
Aug 2006	43%	46%	12%	1993
Jul 2006	39%	46%	15%	2494
May 2006	37%	52%	12%	1994
Mar 2006	45%	43%	12%	1989
Feb 2006	42%	45%	13%	1995
Jan 2006	48%	42%	11%	1997
Jan 2006	41%	46%	13%	2487
Oct 2005	34%	56%	10%	1990
Sep 2005	32%	58%	10%	1993
Aug 2005	38%	51%	11%	1994
Jul 2005	42%	43%	15%	2489
May 2005	39%	49%	12%	1990
Apr 2005	38%	51%	11%	2492
Jan 2005	47%	39%	13%	1992
Oct 2004	42%	43%	14%	2007
Sep 2004	46%	40%	14%	1990
Aug 2004	45%	40%	15%	1989
Jul 2004	48%	40%	12%	2488
Jun 2004	41%	46%	13%	2479
May 2004	42%	44%	14%	1991
Feb 2004	43%	44%	13%	1974
Jan 2004	49%	36%	15%	1983
Nov 2003	39%	47%	14%	1985
Oct 2003	36%	43%	22%	1965
Sep 2003	32%	50%	18%	1959
Aug 2003	30%	53%	17%	1967
Jul 2003	34%	55%	10%	1977
Jun 2003	32%	58%	10%	1972
Feb 2003	20%	71%	10%	1978
Nov 2002	44%	46%	10%	1964
Oct 2002	38%	51%	12%	1960
Sep 2002	43%	46%	10%	1976
Aug 2002	39%	51%	10%	1976
Feb 2002	46%	47%	7%	2021
Jan 2002	48%	46%	6%	1950
Dec 2001	37%	56%	7%	1969
Nov 2001	33%	59%	9%	1970
Jul 2001	41%	50%	9%	1983
May 2001	38%	56%	6%	1984

**PPIC Statewide Survey
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 All Adults - 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 2001	51%	38%	11%	1975
Aug 2000	72%	21%	7%	1970
Feb 2000	78%	15%	7%	2028
Dec 1999	76%	19%	6%	1992
Sep 1999	72%	23%	5%	1997

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	68%	24%	7%	0%	1645
Jul 2021	63%	29%	8%	0%	1567
Jul 2020	38%	43%	18%	1%	1558
Jul 2019	30%	27%	41%	1%	1704
Jul 2018	48%	24%	25%	2%	1708
Mar 2018	45%	23%	31%	1%	1705
Jul 2017	37%	27%	34%	1%	1705
Jul 2016	62%	24%	13%	1%	1703
Mar 2016	57%	23%	19%	0%	1708
Sep 2015	70%	19%	10%	1%	1707
Jul 2015	68%	20%	12%	1%	1701
Jun 2015	69%	20%	10%	1%	1705
Mar 2015	66%	19%	14%	1%	1705
Jan 2015	59%	25%	15%	1%	1702
Dec 2014	60%	21%	18%	1%	1700
Oct 2014	68%	17%	13%	1%	1703
Sep 2014	65%	22%	12%	1%	1701
Jul 2014	54%	25%	21%	1%	1704
May 2014	59%	26%	15%	1%	1699
Mar 2014	55%	20%	23%	1%	1700
Dec 2012	31%	28%	39%	2%	2001
Mar 2012	30%	31%	37%	2%	1999
May 2010	42%	27%	29%	2%	2000
Dec 2009	44%	29%	25%	2%	2003

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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%	27%	68%	1%	1642
Jul 2021	4%	29%	65%	1%	1563
Jul 2016	7%	29%	58%	6%	1702
Jan 2015	5%	31%	59%	5%	1697
Dec 2014	6%	30%	60%	5%	1697
Oct 2014	5%	31%	57%	7%	1693

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	4%	26%	69%	1%	1644
Jul 2021	4%	30%	65%	1%	1568
Mar 2016	10%	38%	49%	3%	1705
Sep 2015	8%	41%	48%	4%	1700
Jul 2015	7%	35%	52%	6%	1694
Jun 2015	7%	28%	60%	5%	1702
Mar 2015	6%	24%	66%	4%	1699

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%	22%	1%	1644
Jul 2021	80%	19%	1%	1566
Jul 2015	64%	28%	8%	1699

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	45%	39%	16%	0%	1641
Jul 2021	41%	39%	20%	0%	1560
Mar 2014	57%	35%	7%	1%	1699

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	69%	29%	2%	1645
Jul 2021	69%	30%	1%	1566
Jul 2020	70%	29%	1%	1557
Jul 2019	58%	30%	11%	1701
Jul 2016	59%	31%	10%	1701

Note: Numbers may not add to 100 due to rounding

**PPIC Statewide Survey
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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	16%	31%	52%	1%	1645
Jul 2021	17%	33%	49%	1%	1565
Jul 2020	16%	31%	52%	1%	1557

Note: Numbers may not add to 100 due to rounding

**PPIC Statewide Survey
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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	31%	47%	22%	0%	1644
Jul 2021	35%	46%	19%	0%	1565
Jul 2020	36%	46%	17%	0%	1556
Jul 2019	27%	35%	38%	1%	1705
Jul 2018	29%	37%	33%	1%	1710
Jul 2017	24%	38%	36%	1%	1708
Jul 2016	25%	35%	39%	1%	1703
Jul 2015	24%	34%	41%	1%	1701
Jul 2014	27%	33%	39%	0%	1703
Jul 2013	28%	34%	36%	1%	2102
Aug 2012	25%	39%	35%	1%	2500
Jul 2011	29%	37%	33%	1%	2504
Jul 2010	25%	38%	36%	1%	2501
Jul 2009	23%	40%	36%	1%	2498
Jul 2008	34%	37%	29%	0%	2504
Jul 2007	35%	37%	27%	1%	2495
Jul 2006	41%	34%	24%	1%	2501
Feb 2006	58%	31%	9%	1%	2002
Jul 2005	38%	35%	27%	1%	2501
Nov 2004	30%	37%	31%	1%	2501
Jul 2004	35%	42%	23%	0%	2503
Jun 2004	39%	35%	26%	1%	2504
Jul 2003	31%	45%	23%	1%	1988
Nov 2002	27%	33%	39%	1%	1973
Jun 2002	34%	38%	28%	1%	1976
May 2001	30%	34%	36%	0%	1986
Jun 2000	28%	39%	33%	1%	1968

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	59%	40%	1%	1645
Jul 2021	57%	41%	1%	1567
Jul 2020	55%	44%	1%	1557
Jul 2019	49%	44%	7%	1703
Jul 2018	56%	38%	6%	1705
Jul 2017	55%	39%	5%	1705
Jul 2016	50%	45%	6%	1698
Jul 2015	48%	47%	5%	1695
Jul 2013	48%	46%	5%	2097
Aug 2012	47%	46%	6%	2498
Jul 2011	50%	45%	6%	2497
Jul 2010	41%	52%	6%	2496
Jul 2009	48%	46%	6%	2498
Jul 2008	48%	46%	5%	2500
Jul 2007	50%	42%	8%	2495
Jul 2006	47%	45%	7%	2498

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 (vol)	Don't know	Unweighted n
Jul 2022	16%	43%	40%	0%	1%	1644
Jul 2021	18%	47%	35%	0%	0%	1567
Jul 2020	21%	42%	37%	0%	0%	1559
Jul 2019	22%	30%	44%	2%	1%	1704
Jul 2016	21%	32%	45%	1%	1%	1703
Jul 2015	19%	30%	48%	2%	1%	1700
Jul 2013	22%	30%	45%	3%	1%	2103
Aug 2012	18%	31%	46%	4%	0%	2499
Jul 2011	19%	34%	43%	3%	1%	2503
Jul 2010	17%	33%	46%	3%	1%	2500
Jul 2009	17%	31%	47%	3%	1%	2501
Jul 2008	21%	38%	38%	3%	1%	2504
Jul 2007	25%	34%	36%	3%	1%	2496
Jul 2006	23%	37%	36%	3%	1%	2499
Jul 2005	21%	36%	39%	4%	1%	2500
Jul 2004	20%	39%	40%	0%	1%	2502
Jul 2003	18%	40%	40%	0%	1%	1987

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	45%	37%	18%	0%	1645
Nov 2021	51%	36%	13%	0%	2291
Jul 2021	55%	30%	15%	0%	1567
Dec 2020	53%	34%	12%	0%	2325
Jul 2020	48%	36%	16%	0%	1559
Mar 2019	40%	30%	29%	0%	1705

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	27%	41%	32%	0%	1645
Nov 2021	25%	41%	34%	0%	2291
Jul 2021	34%	36%	30%	0%	1567
Dec 2020	28%	36%	37%	0%	2324

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	76%	23%	1%	1645
Jul 2021	78%	22%	1%	1567
Jul 2020	71%	28%	2%	1558
Jul 2019	63%	32%	5%	1704

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	30%	57%	13%	0%	1%	1644
Nov 2021	34%	48%	17%	0%	0%	2290
Jul 2021	33%	52%	14%	0%	0%	1566
Dec 2020	41%	45%	14%	0%	0%	2324
Jul 2020	35%	56%	9%	0%	0%	1554
Dec 2007	40%	43%	11%	5%	2%	1995

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	18%	38%	32%	12%	0%	1646
Nov 2019	32%	27%	20%	21%	0%	1708

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	69%	4%	11%	8%	8%	0%
Jul 2021	68%	5%	9%	9%	8%	1%
Jul 2020	68%	4%	11%	9%	7%	1%
Jul 2019	63%	4%	7%	11%	11%	4%
Jul 2018	67%	5%	5%	10%	8%	5%
Jul 2017	66%	5%	5%	11%	8%	4%
Jul 2016	64%	5%	6%	14%	8%	2%
Jul 2015	62%	6%	5%	13%	10%	4%
Jul 2014	62%	4%	7%	12%	12%	3%
Jul 2013	63%	5%	6%	11%	11%	4%
Aug 2012	60%	5%	6%	14%	12%	3%
Jul 2011	61%	4%	7%	11%	12%	5%
Jul 2010	54%	6%	8%	14%	16%	3%
Jul 2009	61%	5%	6%	11%	14%	3%
Jul 2008	64%	5%	8%	10%	10%	3%
Jul 2007	66%	4%	7%	11%	7%	5%
Jul 2006	63%	6%	7%	10%	8%	5%
Jul 2005	57%	5%	9%	15%	9%	6%

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	Unweighted n
Jul 2022	1640
Jul 2021	1563
Jul 2020	1559
Jul 2019	1695
Jul 2018	1695
Jul 2017	1696
Jul 2016	1687
Jul 2015	1689
Jul 2014	1693
Jul 2013	2091
Aug 2012	2490
Jul 2011	2497
Jul 2010	2495
Jul 2009	2497
Jul 2008	2501
Jul 2007	2483
Jul 2006	2498
Jul 2005	2497

(cont.)

Note: Numbers may not add to 100 due to rounding

**PPIC Statewide Survey
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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%	57%	19%	0%	1644
Jul 2021	25%	56%	19%	0%	1566

Note: Numbers may not add to 100 due to rounding

**PPIC Statewide Survey
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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	47%	33%	11%	8%	1%	1643
Jul 2021	50%	33%	9%	7%	0%	1566
Jul 2020	48%	32%	12%	8%	0%	1558
Jul 2019	57%	22%	9%	10%	2%	1702
Jul 2018	56%	24%	9%	9%	2%	1703
Jul 2017	58%	23%	7%	10%	2%	1703
Jul 2016	54%	27%	11%	7%	1%	1698
Jul 2015	52%	27%	8%	9%	3%	1693
Dec 2014	53%	23%	11%	12%	2%	1696
Jul 2014	49%	31%	9%	10%	1%	1698
Jul 2013	50%	27%	11%	9%	3%	2096
Aug 2012	45%	30%	11%	12%	1%	2495
Jul 2011	47%	28%	12%	11%	2%	2497
Jul 2010	44%	29%	11%	14%	3%	2493
Jul 2009	47%	28%	10%	14%	2%	2495
Jul 2008	52%	27%	9%	9%	2%	2500
Jul 2007	54%	28%	8%	7%	3%	2491
Jul 2006	49%	30%	9%	8%	3%	2499
Jul 2005	39%	36%	12%	10%	3%	2499

Note: Numbers may not add to 100 due to rounding

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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	26%	37%	25%	12%	0%	1645
Jul 2021	25%	40%	24%	10%	0%	1566
Jul 2020	34%	40%	17%	10%	0%	1557
Jul 2019	42%	29%	12%	15%	2%	1702
Jul 2017	35%	34%	13%	16%	2%	1706
Jul 2014	32%	32%	19%	16%	2%	1700

Note: Numbers may not add to 100 due to rounding

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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	49%	34%	13%	4%	0%	1644
Jul 2021	52%	31%	11%	5%	0%	1568
Jul 2020	48%	33%	12%	6%	0%	1556
Jul 2019	49%	28%	10%	12%	1%	1701
Jul 2014	44%	29%	15%	12%	1%	1700

Note: Numbers may not add to 100 due to rounding

**PPIC Statewide Survey
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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	65%	25%	8%	3%	0%	1645
Jul 2021	63%	26%	7%	3%	0%	1568
Jul 2020	58%	30%	8%	4%	0%	1557
Jul 2015	50%	34%	7%	7%	1%	1693
Jul 2014	64%	23%	5%	8%	1%	1700
Jul 2013	49%	29%	11%	10%	1%	2100
Jul 2011	45%	30%	13%	11%	1%	2501
Jul 2009	55%	26%	7%	10%	1%	2496
Jul 2007	60%	25%	6%	7%	2%	2492
Jul 2005	41%	37%	12%	9%	2%	2500

Note: Numbers may not add to 100 due to rounding

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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	57%	30%	10%	3%	0%	1644
Jul 2021	63%	27%	7%	3%	0%	1567
Jul 2020	58%	31%	8%	4%	0%	1557
Jul 2019	71%	15%	5%	7%	1%	1697
Jul 2018	62%	23%	7%	7%	1%	1700
Jul 2014	61%	25%	6%	8%	1%	1698
Jul 2013	57%	25%	9%	8%	1%	2101
Jul 2011	56%	25%	9%	10%	1%	2500
Jul 2009	59%	21%	8%	11%	1%	2497

Note: Numbers may not add to 100 due to rounding

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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	72%	26%	2%	1636
Jul 2021	74%	23%	3%	1560
Jul 2020	77%	21%	1%	1554
Jul 2019	67%	24%	9%	1698
Jul 2018	67%	22%	11%	1703
Jul 2017	72%	21%	7%	1702

Note: Numbers may not add to 100 due to rounding

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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	72%	27%	2%	1637
Jul 2021	70%	28%	1%	1563
Jul 2020	77%	21%	2%	1556
Jul 2019	71%	24%	6%	1701
Jul 2018	72%	21%	7%	1707

Note: Numbers may not add to 100 due to rounding

**PPIC Statewide Survey
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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	48%	50%	2%	1637
Jul 2021	49%	49%	2%	1567

Note: Numbers may not add to 100 due to rounding

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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	59%	38%	3%	1635
Jul 2021	64%	33%	4%	1564

Note: Numbers may not add to 100 due to rounding

**PPIC Statewide Survey
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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	66%	32%	2%	1639
Jul 2021	67%	31%	2%	1564
Jul 2020	69%	29%	2%	1552
Jul 2019	64%	31%	5%	1698
Jul 2018	65%	28%	7%	1702
Jul 2017	66%	28%	6%	1701
Jan 2017	63%	33%	4%	1696
Jul 2016	67%	26%	6%	1695
Jul 2015	64%	28%	8%	1686
Jul 2014	65%	30%	5%	1692
Jul 2013	60%	32%	8%	2095
Aug 2012	63%	31%	7%	2483
Jul 2011	57%	33%	10%	2490
Jul 2010	57%	35%	8%	2489
Jul 2009	58%	34%	8%	2489
Jul 2008	66%	28%	6%	2499
Jul 2007	67%	26%	6%	2490
Jul 2006	65%	27%	8%	2496
Jul 2005	54%	37%	9%	2488

Note: Numbers may not add to 100 due to rounding

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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	41%	30%	14%	15%	1%	1640
Jul 2021	43%	28%	15%	13%	1%	1566
Jul 2020	42%	32%	13%	12%	0%	1555
Jul 2019	53%	25%	7%	14%	1%	1703
Jul 2018	54%	24%	9%	12%	1%	1706
Jul 2017	58%	23%	7%	11%	1%	1706

Note: Numbers may not add to 100 due to rounding

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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	40%	26%	32%	3%	1641
Jul 2021	41%	25%	31%	3%	1566
Jul 2020	39%	28%	30%	2%	1556
Jul 2019	48%	19%	21%	12%	1697
Jul 2018	48%	18%	23%	11%	1705
Jul 2017	50%	22%	19%	9%	1698
Jul 2016	40%	20%	29%	10%	1694
Dec 2015	45%	19%	27%	9%	1693
Jul 2015	38%	24%	26%	13%	1693
Dec 2014	43%	21%	29%	7%	1692
Jul 2014	39%	26%	27%	8%	1692
Jul 2013	45%	24%	21%	10%	2092
Aug 2012	42%	25%	25%	8%	2485
Jul 2011	47%	23%	20%	10%	2496
Sep 2010	44%	22%	25%	10%	1994
Jul 2010	45%	23%	24%	8%	2492

Note: Numbers may not add to 100 due to rounding

**PPIC Statewide Survey
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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	44%	55%	1%	1643
Jul 2021	45%	55%	1%	1563
Jul 2020	47%	52%	1%	1555
Jul 2019	51%	45%	4%	1692
Jul 2018	50%	44%	6%	1700
Jul 2017	51%	45%	4%	1691
Jul 2016	56%	40%	4%	1697

Note: Numbers may not add to 100 due to rounding

**PPIC Statewide Survey
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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%	45%	6%	0%	0%	1643
Jul 2016	47%	39%	8%	4%	1%	1691
Jul 2015	48%	41%	5%	5%	1%	1690
Jul 2013	51%	35%	6%	6%	2%	2086

Note: Numbers may not add to 100 due to rounding

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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	40%	49%	10%	1%	1644
Jul 2021	48%	43%	8%	1%	1566
Jul 2020	45%	48%	7%	0%	1558
Jul 2017	46%	37%	16%	2%	1708
Feb 2006	50%	35%	10%	5%	1999
Nov 2003	53%	34%	9%	3%	1994
Jun 2002	50%	34%	10%	6%	1975
Jun 2000	53%	36%	7%	4%	1968

Note: Numbers may not add to 100 due to rounding

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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%	37%	5%	0%	1643
Jul 2021	61%	32%	6%	0%	1565
Jul 2020	64%	30%	5%	0%	1558
Jul 2019	72%	18%	9%	2%	1705

Note: Numbers may not add to 100 due to rounding

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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	17%	45%	37%	1%	1642
Jul 2021	18%	45%	36%	2%	1565
Jul 2020	19%	45%	35%	1%	1559
Jul 2017	18%	32%	47%	2%	1706
Feb 2006	20%	33%	42%	4%	2002
Nov 2003	20%	38%	37%	4%	1995

Note: Numbers may not add to 100 due to rounding

**PPIC Statewide Survey
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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	58%	33%	6%	1%	1%	1643
Jul 2021	64%	31%	4%	2%	0%	1565
Jul 2020	61%	32%	4%	1%	1%	1558
Jul 2019	77%	18%	2%	3%	1%	1704
Jul 2018	74%	21%	2%	2%	1%	1708
Jul 2017	73%	22%	2%	2%	1%	1708

Note: Numbers may not add to 100 due to rounding

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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	32%	67%	1%	1639
Jul 2021	27%	72%	2%	1562
Jul 2020	26%	73%	1%	1552
Jul 2019	28%	67%	5%	1697
Jul 2018	27%	67%	6%	1709
Jul 2017	25%	69%	5%	1704
Jul 2016	36%	59%	6%	1698
Jul 2015	38%	56%	6%	1701
Jul 2014	46%	51%	3%	1703
Jul 2013	41%	54%	5%	2100
Aug 2012	48%	48%	4%	2497
Jul 2011	46%	49%	5%	2501
Jul 2010	36%	59%	5%	1247
Jul 2009	51%	43%	6%	2495
Jul 2008	51%	45%	5%	2499
Jul 2007	41%	52%	7%	2488
Jul 2006	42%	51%	7%	2499
Feb 2006	31%	64%	5%	1999
Jul 2005	41%	53%	6%	2495
Jul 2004	44%	50%	7%	2498
Jul 2003	39%	54%	6%	1984

Note: Numbers may not add to 100 due to rounding

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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	81%	17%	2%	1640
Jul 2021	81%	15%	3%	1563
Jul 2020	77%	20%	3%	1553
Jul 2019	72%	19%	9%	1698
Jul 2017	73%	19%	8%	1702

Note: Numbers may not add to 100 due to rounding

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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	34%	63%	3%	1638
Jul 2021	33%	63%	4%	1566

Note: Numbers may not add to 100 due to rounding

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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	72%	23%	4%	1640
Jul 2021	68%	27%	5%	1566
Jul 2020	66%	28%	6%	1554
Jul 2017	67%	26%	7%	1700
Feb 2006	56%	33%	11%	1997

Note: Numbers may not add to 100 due to rounding

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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%	3%	1632
Jul 2021	61%	35%	4%	1560

Note: Numbers may not add to 100 due to rounding

**PPIC Statewide Survey
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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	25%	71%	4%	1635
Jul 2021	35%	62%	3%	1558
Jul 2020	20%	78%	3%	1546
Jul 2019	25%	63%	12%	1693
Jul 2018	23%	66%	10%	1694
Jul 2017	26%	63%	11%	1699
Jul 2016	31%	59%	10%	1692
Jul 2015	33%	55%	12%	1693
Jul 2014	24%	65%	11%	1685
Jul 2013	29%	59%	12%	2089
Aug 2012	27%	61%	12%	2487
Jul 2011	25%	60%	15%	2494

Note: Numbers may not add to 100 due to rounding

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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	5%	24%	69%	0%	1%	1641
Jul 2021	4%	29%	65%	1%	2%	1561
Jul 2020	2%	22%	74%	0%	1%	1550
Jul 2005	8%	24%	56%	10%	3%	2499

Note: Numbers may not add to 100 due to rounding

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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	Don't know	Unweighted n
Jul 2022	74%	24%	2%	1638
Jul 2021	80%	18%	1%	1566

Note: Numbers may not add to 100 due to rounding

**PPIC Statewide Survey
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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	48%	34%	12%	5%	0%	1643
Apr 2022	49%	32%	13%	6%	1%	1585
Nov 2021	46%	34%	12%	7%	0%	2288
Jul 2021	55%	29%	10%	6%	0%	1566
Apr 2021	58%	26%	9%	6%	0%	1600
Dec 2020	53%	30%	11%	6%	0%	2325
Jul 2020	60%	25%	10%	5%	0%	1552

Note: Numbers may not add to 100 due to rounding

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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	5%	33%	0%	62%	0%	1637
Apr 2022	4%	28%	3%	64%	1%	1530
Jul 2021	5%	35%	0%	60%	0%	1559
Apr 2021	4%	29%	4%	63%	0%	1553
Jul 2020	5%	35%	0%	59%	0%	1533

Note: Numbers may not add to 100 due to rounding

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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	60%	39%	1%	1630
Apr 2022	61%	37%	2%	1574
Jul 2021	62%	36%	2%	1557
Apr 2021	62%	37%	2%	1592
Jul 2020	64%	35%	1%	1546

Note: Numbers may not add to 100 due to rounding

**PPIC Statewide Survey
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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	29%	42%	21%	8%	0%	1643
May 2021	24%	26%	26%	22%	1%	1699
Sep 2019	38%	28%	19%	16%	0%	1699
Jan 2016	28%	29%	22%	20%	1%	1700

Note: Numbers may not add to 100 due to rounding

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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	73%	10%	17%	1%	1640
May 2021	64%	15%	20%	2%	1701
Oct 2019	67%	10%	21%	2%	1694
Oct 2018	63%	13%	22%	1%	1699
Mar 2018	72%	7%	21%	1%	1699
May 2017	59%	15%	24%	2%	1702
Sep 2015	62%	10%	26%	2%	1706

Note: Numbers may not add to 100 due to rounding

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

	Favorable	Unfavorable	Don't know	Unweighted n
Jul 2022	48%	49%	3%	1613
Sep 2021	53%	42%	5%	1676
Oct 2020	50%	45%	5%	1686
Nov 2019	46%	47%	7%	1675
Oct 2018	45%	47%	8%	1671
Dec 2017	47%	46%	7%	1681
Oct 2016	53%	39%	7%	1692
May 2016	49%	44%	6%	1687
Dec 2015	50%	44%	6%	1676
Oct 2014	46%	44%	10%	1680
Dec 2013	50%	43%	8%	1683
Mar 2013	51%	41%	7%	1686
Oct 2012	54%	39%	7%	1991
Sep 2011	46%	45%	9%	1984
Oct 2010	46%	44%	10%	1969
Mar 2010	46%	43%	12%	1972

Note: Numbers may not add to 100 due to rounding

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

	Favorable	Unfavorable	Don't know	Unweighted n
Jul 2022	28%	70%	2%	1611
Sep 2021	29%	65%	6%	1670
Oct 2020	33%	62%	5%	1681
Nov 2019	32%	60%	8%	1670
Oct 2018	31%	62%	8%	1669
Dec 2017	25%	69%	7%	1692
Oct 2016	21%	72%	7%	1684
May 2016	21%	74%	5%	1684
Dec 2015	31%	62%	7%	1668
Oct 2014	28%	60%	12%	1676
Dec 2013	30%	61%	9%	1684
Mar 2013	30%	63%	7%	1681
Oct 2012	33%	59%	8%	1983
Sep 2011	32%	59%	9%	1991
Oct 2010	29%	60%	11%	1964
Mar 2010	28%	59%	13%	1967

Note: Numbers may not add to 100 due to rounding