

# Californians and the Environment July 2024

## Time Trends—All Respondents

### Methodology Note:

Findings 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 18.9 minutes. Interviewing took place from June 24-July 2, 2024.

The sampling error, taking design effects from weighting into consideration, is  $\pm 3.2$  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 3.2 percentage points of what they would be if all adults in California were interviewed. The sampling error for unweighted subgroups is larger. 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](mailto:surveys@ppic.org)

### Note:

For questions related to the 2024 elections (Q66–Q77), please refer to the Public Time Trends—Likely Voters document.

**PPIC Statewide Survey  
 Californians and The Environment - July 2024  
 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 (vol)	Unweighted n
Jul 2024	52%	45%	2%	1640
Jul 2023	58%	40%	1%	1718
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. Do you approve or disapprove of the way  
 that the California Legislature is handling  
 environmental issues in California?

	Approve	Disapprove	Don't know (vol)	Unweighted n
Jul 2024	49%	48%	3%	1641
Jul 2023	54%	45%	1%	1719
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

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**PPIC Statewide Survey  
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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 (vol)	Don't know (vol)	Unweighted n
Jul 2024	6%	38%	55%	0%	0%	1644
Jul 2023	8%	40%	52%	0%	0%	1723
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. Which of these statements comes closer to  
 your view, even if neither is exactly right?

	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 (vol)	Unweighted n
Jul 2024	40%	58%	2%	1641
Jul 2023	39%	61%	0%	1721
Jul 2021	37%	62%	2%	1566
Jul 2020	38%	61%	1%	1557
Mar 2013	45%	49%	6%	1700

Note: Numbers may not add to 100 due to rounding

**PPIC Statewide Survey  
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Q6. With which one of these statements about  
 the environment and the economy do you most  
 agree?

	Protection of the environment should be given priority, even at the risk of curbing economic growth	Economic growth should be given priority, even if the environment suffers to some extent	Don't know (vol)	Unweighted n
Jul 2024	66%	32%	1%	1639
Jul 2023	68%	31%	0%	1720
Jul 2021	66%	32%	1%	1562

Note: Numbers may not add to 100 due to rounding

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Q7. 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 (vol)	Unweighted n
Jul 2024	42%	43%	15%	0%	1647
Jul 2023	51%	36%	12%	0%	1724
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

Note: Numbers may not add to 100 due to rounding

**PPIC Statewide Survey  
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Q8. 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 (vol)	Unweighted n
Jul 2024	71%	28%	1%	1648
Jul 2023	73%	27%	0%	1723
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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Q9. 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 (vol)	Unweighted n
Jul 2024	18%	37%	45%	0%	1648
Jul 2023	21%	30%	49%	0%	1723
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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Q11. 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 (vol)	Unweighted n
Jul 2024	31%	48%	21%	0%	1648
Jul 2023	35%	46%	20%	0%	1724
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

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Q12. 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 (vol)	Unweighted n
Jul 2024	54%	45%	1%	1646
Jul 2023	58%	42%	0%	1724
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

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Q14. How much confidence do you have in the government in terms of its readiness to respond to extreme weather events in your part of California?

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	A great deal	Only some	Hardly any	Don't know (vol)	Unweighted n
Jul 2024	18%	59%	23%	0%	1647
Jul 2023	19%	56%	25%	0%	1724

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**PPIC Statewide Survey  
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Q16. 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 (vol)	Unweighted n
Jul 2024	39%	40%	21%	0%	1648
Jul 2023	44%	34%	21%	0%	1724
Jul 2022	45%	37%	18%	0%	1645
Nov 2021	51%	36%	13%	0%	2290
Jul 2021	55%	30%	15%	0%	1567
Dec 2020	53%	34%	12%	0%	2323
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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Q17. 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 (vol)	Unweighted n
Jul 2024	26%	40%	34%	0%	1648
Jul 2023	30%	36%	34%	0%	1724
Jul 2022	27%	41%	32%	0%	1645
Nov 2021	25%	41%	34%	0%	2290
Jul 2021	34%	36%	30%	0%	1567
Dec 2020	28%	36%	37%	0%	2322

Note: Numbers may not add to 100 due to rounding

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Q18. 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 (vol)	Unweighted n
Jul 2024	32%	52%	15%	0%	0%	1644
Jul 2023	32%	53%	14%	0%	0%	1724
Jul 2022	30%	57%	13%	0%	1%	1644
Nov 2021	34%	49%	17%	0%	0%	2285
Jul 2021	33%	52%	14%	0%	0%	1566
Dec 2020	41%	45%	14%	0%	0%	2321
Jul 2020	35%	56%	9%	0%	0%	1554
Dec 2007	40%	43%	11%	5%	2%	1995

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Q19. 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 (vol)	Unweighted n
Jul 2024	64%	5%	12%	9%	9%	1%	1647
Jul 2023	64%	6%	12%	11%	8%	0%	1722
Jul 2022	69%	4%	11%	8%	8%	0%	1640
Jul 2021	68%	5%	9%	9%	8%	1%	1563
Jul 2020	68%	4%	11%	9%	7%	1%	1559
Jul 2019	63%	4%	7%	11%	11%	4%	1695
Jul 2018	67%	5%	5%	10%	8%	5%	1695
Jul 2017	66%	5%	5%	11%	8%	4%	1696
Jul 2016	64%	5%	6%	14%	8%	2%	1687
Jul 2015	62%	6%	5%	13%	10%	4%	1689
Jul 2014	62%	4%	7%	12%	12%	3%	1693
Jul 2013	63%	5%	6%	11%	11%	4%	2091
Aug 2012	60%	5%	6%	14%	12%	3%	2490
Jul 2011	61%	4%	7%	11%	12%	5%	2497
Jul 2010	54%	6%	8%	14%	16%	3%	2495
Jul 2009	61%	5%	6%	11%	14%	3%	2497
Jul 2008	64%	5%	8%	10%	10%	3%	2501
Jul 2007	66%	4%	7%	11%	7%	5%	2483
Jul 2006	63%	6%	7%	10%	8%	5%	2498
Jul 2005	57%	5%	9%	15%	9%	6%	2497

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Q20. 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 (vol)	Unweighted n
Jul 2024	23%	55%	22%	0%	1647
Jul 2023	26%	56%	18%	0%	1723
Jul 2022	24%	57%	19%	0%	1644
Jul 2021	25%	56%	19%	0%	1566

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**PPIC Statewide Survey  
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Q21. 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 (vol)	Unweighted n
Jul 2024	41%	36%	12%	10%	0%	1648
Jul 2023	43%	37%	13%	7%	0%	1724
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

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**PPIC Statewide Survey  
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Q23. How much, if at all, do you think global climate change is currently affecting  
 your local community?

	A great deal	Only some	Hardly any	Not at all	Don't know (vol)	Unweighted n
Jul 2024	24%	43%	19%	13%	0%	1648
Jul 2023	25%	46%	19%	10%	0%	1724

Note: Numbers may not add to 100 due to rounding

**PPIC Statewide Survey  
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Q25. Which of the following two statements comes closer to your views — even if neither is exactly right?

	The state government should ease current land use and environmental restrictions to increase the supply of housing	The state government should maintain current land use and environmental restrictions, even if it increases the cost of new housing	Don't know (vol)	Unweighted n
Jul 2024	46%	53%	2%	1639
Jul 2023	55%	44%	1%	1716
Nov 2001	43%	53%	4%	1969

Note: Numbers may not add to 100 due to rounding

**PPIC Statewide Survey  
 Californians and The Environment - July 2024  
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Q28. The following is a list of a few of the possible impacts of climate change in the future in California. Please answer whether you are very concerned, somewhat concerned, not too concerned, or not at all concerned. How about increased flooding? Are you...?

	Very concerned <input type="checkbox"/>	Somewhat concerned	Not too concerned	Not at all concerned	Don't know (vol)	Unweighted n
Jul 2024	17%	35%	33%	15%	0%	1648
Jul 2023	33%	36%	23%	8%	0%	1724
Jul 2013	28%	28%	24%	18%	1%	2101
Jul 2011	28%	29%	23%	19%	1%	2501
Jul 2009	27%	28%	22%	21%	2%	2496
Jul 2007	37%	28%	18%	15%	2%	2494
Jul 2005	27%	33%	23%	15%	1%	2498

Note: Numbers may not add to 100 due to rounding

**PPIC Statewide Survey  
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Q29. The following is a list of a few of the possible impacts of climate change in the future in California. Please answer whether you are very concerned, somewhat concerned, not too concerned, or not at all concerned. How about heat waves that are more severe? Are you...?

	Very concerned	Somewhat concerned	Not too concerned	Not at all concerned	Don't know (vol)	Unweighted n
Jul 2024	44%	35%	13%	8%	0%	1647
Jul 2023	56%	29%	11%	4%	0%	1724
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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Q30. The following is a list of a few of the possible impacts of climate change in the future in California. Please answer whether you are very concerned, somewhat concerned, not too concerned, or not at all concerned. How about droughts that are more severe? Are you...?

	Very concerned	Somewhat concerned	Not too concerned	Not at all concerned	Don't know (vol)	Unweighted n
Jul 2024	46%	36%	12%	6%	0%	1646
Jul 2023	63%	26%	8%	3%	0%	1724
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

**PPIC Statewide Survey  
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Q31. The following is a list of a few of the possible impacts of climate change in the future in California. Please answer whether you are very concerned, somewhat concerned, not too concerned, or not at all concerned. How about wildfires that are more severe? Are you...?

	Very concerned	Somewhat concerned	Not too concerned	Not at all concerned	Don't know (vol)	Unweighted n
Jul 2024	45%	37%	12%	6%	0%	1647
Jul 2023	62%	28%	7%	3%	0%	1724
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



**PPIC Statewide Survey  
 Californians and The Environment - July 2024  
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Q34. 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 (vol)	Unweighted n
Jul 2024	70%	29%	2%	1641
Jul 2023	73%	26%	1%	1721
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

**PPIC Statewide Survey  
 Californians and The Environment - July 2024  
 All Adults - Time Trends**

Q35. 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 (vol)	Unweighted n
Jul 2024	66%	33%	1%	1644
Jul 2023	68%	31%	1%	1722
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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Q36. Next, government officials are discussing other ways to deal with climate change. Please answer if you favor or oppose the following ideas to help reduce greenhouse gasses. 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 (vol)	Unweighted n
Jul 2024	39%	60%	1%	1641
Jul 2023	45%	54%	1%	1723
Jul 2022	48%	50%	2%	1637
Jul 2021	49%	49%	2%	1567

Note: Numbers may not add to 100 due to rounding

**PPIC Statewide Survey  
 Californians and The Environment - July 2024  
 All Adults - Time Trends**

Q43. 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 (vol)	Unweighted n
Jul 2024	66%	32%	2%	1643
Jul 2023	68%	31%	0%	1720
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

**PPIC Statewide Survey  
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Q44. 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 at all important	Don't know (vol)	Unweighted n
Jul 2024	35%	32%	16%	17%	0%	1645
Jul 2023	47%	27%	13%	13%	0%	1722
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

**PPIC Statewide Survey  
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Q45. 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 (vol)	Unweighted n
Jul 2024	40%	25%	32%	3%	1645
Jul 2023	41%	31%	28%	0%	1723
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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Q46. 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 (vol)	Unweighted n
Jul 2024	44%	56%	1%	1645
Jul 2023	43%	57%	0%	1722
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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Q47. 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 (vol)	Unweighted n
Jul 2024	38%	52%	10%	0%	0%	1646
Jul 2023	50%	41%	8%	0%	0%	1724
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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Q49. How much do you think the use of electric vehicles helps address climate change?

	A great deal	A fair amount	Only a little	Not at all	Don't know (vol)	Unweighted n
Jul 2024	13%	33%	34%	19%	1%	1647
Jul 2023	21%	37%	27%	15%	0%	1724

Note: Numbers may not add to 100 due to rounding

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Q50. 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 (vol)	Unweighted n
Jul 2024	57%	35%	6%	2%	0%	1646
Jul 2023	67%	27%	4%	2%	0%	1724
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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Q51. 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 (vol)	Unweighted n
Jul 2024	41%	49%	10%	1%	1645
Jul 2023	50%	44%	6%	0%	1724
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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Q52. Following is a list of specific problems that some people say affect our ocean and marine life in California. After each, please indicate whether you think it is a big problem, somewhat of a problem, or not a problem in the part of the California coast that is closest to you. 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 (vol)	Unweighted n
Jul 2024	60%	34%	6%	1%	1645
Jul 2023	71%	26%	3%	0%	1724
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

**PPIC Statewide Survey  
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Q53. Following is a list of specific problems that some people say affect our ocean and marine life in California. After each, please indicate whether you think it is a big problem, somewhat of a problem, or not a problem in the part of the California coast that is closest to you. 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 (vol)	Unweighted n
Jul 2024	46%	41%	13%	1%	1645
Jul 2023	60%	34%	6%	0%	1724
Jul 2020	52%	37%	9%	1%	1558
Jul 2017	45%	32%	17%	6%	1707

Note: Numbers may not add to 100 due to rounding

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Q54. Following is a list of specific problems that some people say affect our ocean and marine life in California. After each, please indicate whether you think it is a big problem, somewhat of a problem, or not a problem in the part of the California coast that is closest to you. How about overfishing, or depleting the fishing stock by fishing? 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 (vol)	Unweighted n
Jul 2024	32%	46%	20%	2%	1645
Jul 2023	45%	43%	12%	0%	1723
Jul 2019	35%	35%	25%	5%	1701
Feb 2006	32%	33%	24%	11%	2002
Nov 2003	36%	35%	20%	9%	1992

Note: Numbers may not add to 100 due to rounding

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Q56. Next, Please indicate if you favor or oppose the following proposals. How about allowing more oil drilling off the California coast? Do you favor or oppose this proposal?

	Favor	Oppose	Don't know (vol)	Unweighted n
Jul 2024	31%	67%	2%	1642
Jul 2023	34%	66%	1%	1722
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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Q57. Next, Please indicate if you favor or oppose the following proposals. 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 (vol)	Unweighted n
Jul 2024	78%	20%	2%	1642
Jul 2023	83%	17%	0%	1722
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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Q58. Next, Please indicate if you favor or oppose the following proposals. 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 (vol)	Unweighted n
Jul 2024	32%	65%	3%	1639
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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Q59. Do you approve or disapprove of the way  
 that President Biden is handling environmental  
 issues in the United States?

	Approve	Disapprove	Don't know (vol)	Unweighted n
Jul 2024	49%	48%	3%	1642
Jul 2023	47%	52%	1%	1717
Jul 2022	49%	48%	3%	1632
Jul 2021	61%	35%	4%	1560

Note: Numbers may not add to 100 due to rounding

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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 (vol)	Unweighted n
Jul 2024	24%	73%	3%	1642
Jul 2023	25%	74%	1%	1720
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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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 (vol)	Don't know (vol)	Unweighted n
Jul 2024	3%	26%	70%	1%	1%	1644
Jul 2023	6%	25%	68%	0%	0%	1722
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

