

# Californians and the Environment July 2021

## Time Trends – All Respondents

### Methodology Note:

Findings for July 2021 are based on a survey of 1,569 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 21 minutes. Interviews were completed from July 6–14, 2021.

The sampling error for July 2021, taking design effects from weighting into consideration, is  $\pm 3.4$  percent at the 95 percent confidence level for the total unweighted sample of 1,569 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](mailto:surveys@ppic.org)

**PPIC Statewide Survey  
 Californians and the Environment - July 2021  
 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 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  
 Californians and the Environment - July 2021  
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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 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  
 Californians and the Environment - July 2021  
 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 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	Don't know	Unweighted n
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 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%	1629
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
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

**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
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
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

**PPIC Statewide Survey  
 Californians and the Environment - July 2021  
 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
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
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



**PPIC Statewide Survey  
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Q6. Which of these statements comes closer to  
 your view, even if neither is exactly right?

	Stricter environmental laws and regulations cost too many jobs and hurt economy	Stricter environmental laws and regulations are worth the cost	Don't know	Unweighted n
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  
 Californians and the Environment - July 2021  
 All Adults - Time Trends**

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Q9. Which level of government do you trust the most when it comes to handling environmental issues in California?

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	Federal government	State government	Local government	All of the above	None	Don't know
Jul 2021	18%	43%	34%	0%	3%	2%
Jul 2020	15%	52%	30%	0%	1%	1%

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**PPIC Statewide Survey  
 Californians and the Environment - July 2021  
 All Adults - Time Trends(cont.)**

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	Unweighted n
Jul 2021	1565
Jul 2020	1550

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(cont.)

Note: Numbers may not add to 100 due to rounding

**PPIC Statewide Survey  
Californians and the Environment - July 2021  
All Adults - Time Trends**

Q10. 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 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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Q11. 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 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

**PPIC Statewide Survey  
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Q12. 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 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

**PPIC Statewide Survey  
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Q13. Do you think climate change has contributed to California's current drought or not?

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	Yes, has contributed	No, has not contributed	Don't know	Unweighted n
Jul 2021	80%	19%	1%	1566
Jul 2015	64%	28%	8%	1699

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**PPIC Statewide Survey  
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Q14. 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	Yes, but not sure how much	No, have not taken steps	Don't know	Unweighted n
Jul 2021	41%	39%	0%	20%	0%	1560
Mar 2014	57%	35%	7%	0%	1%	1699

Note: Numbers may not add to 100 due to rounding

**PPIC Statewide Survey  
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Q15. 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 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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Q16. 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	Not at all serious	Don't know	Unweighted n
Jul 2021	17%	33%	49%	0%	1%	1565
Jul 2020	16%	31%	52%	0%	1%	1557

Note: Numbers may not add to 100 due to rounding

**PPIC Statewide Survey  
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Q17. 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 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

**PPIC Statewide Survey  
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Q18. 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 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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Q19. 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	Don't know	Unweighted n
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

**PPIC Statewide Survey  
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Q20. 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 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

**PPIC Statewide Survey  
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Q21. 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	Not at all serious	Don't know	Unweighted n
Jul 2021	34%	36%	30%	0%	0%	1567
Dec 2020	28%	36%	37%	0%	0%	2324

Note: Numbers may not add to 100 due to rounding

**PPIC Statewide Survey  
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Q22. 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 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

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

Q23. 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	Don't know
Jul 2021	33%	52%	14%	0%	0%
Dec 2020	41%	45%	14%	0%	0%
Jul 2020	35%	56%	9%	0%	0%
Dec 2007	40%	43%	11%	5%	2%

**PPIC Statewide Survey  
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	Unweighted n
Jul 2021	1566
Dec 2020	2324
Jul 2020	1554
Dec 2007	1995

(cont.)

Note: Numbers may not add to 100 due to rounding



**PPIC Statewide Survey  
 Californians and the Environment - July 2021  
 All Adults - Time Trends**

Note: Numbers may not add to 100 due to rounding

Q24. 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 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%

**PPIC Statewide Survey  
 Californians and the Environment - July 2021  
 All Adults - Time Trends(cont.)**

	Unweighted n
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  
 Californians and the Environment - July 2021  
 All Adults - Time Trends**

Q26. 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 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

**PPIC Statewide Survey  
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Q27. How about increased rising sea levels? Are you...?						
	Very concerned <input type="checkbox"/>	Somewhat concerned	Not too concerned	Not at all concerned	Don't know	Unweighted n
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

**PPIC Statewide Survey  
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Q28. 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 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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Q29. 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 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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 All Adults - Time Trends**

Q30. 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 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  
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Q31. 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 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  
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 All Adults - Time Trends**

Q32. 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 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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All Adults - Time Trends**

Q33. Next, how much, if anything, have you heard about the state government policy called "cap and trade" that sets limits on greenhouse gas emissions? Have you heard a lot, a little, or nothing at all?

	A lot	A little	Nothing at all	Don't know	Unweighted n
Jul 2021	9%	38%	54%	0%	1567
Jul 2020	8%	37%	54%	0%	1558
Jul 2019	10%	31%	59%	0%	1704
Jul 2018	12%	34%	53%	0%	1711
Jul 2017	11%	32%	56%	0%	1707
Jul 2016	12%	33%	55%	1%	1703
Jul 2014	13%	32%	55%	0%	1704
Jul 2013	12%	33%	54%	1%	2103
Aug 2012	12%	30%	57%	0%	2499
Jul 2010	18%	27%	54%	0%	2500

Note: Numbers may not add to 100 due to rounding

**PPIC Statewide Survey  
 Californians and the Environment - July 2021  
 All Adults - Time Trends**

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Q34. Do you favor or oppose the cap-and-trade system?

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	Favor	Oppose	Don't know	Unweighted n
Jul 2021	66%	31%	3%	1559
Jul 2020	62%	34%	3%	1552
Jul 2019	53%	34%	13%	1684
Jul 2018	50%	35%	15%	1703
Jul 2017	56%	33%	11%	1697
Jul 2016	54%	32%	13%	1694
Jul 2014	51%	40%	9%	1698
Aug 2012	53%	36%	11%	2477
Jul 2011	54%	36%	11%	2491
Jul 2010	50%	40%	10%	2480
Jul 2009	49%	40%	11%	2486

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Note: Numbers may not add to 100 due to rounding

**PPIC Statewide Survey  
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Q35. Next, how important to you is it that some of the cap and trade revenues are spent on projects to improve environmental conditions in lower-income and disadvantaged communities?

	Very important	Somewhat important	Not too important	Not important at all	Don't know	Unweighted n
Jul 2021	39%	39%	12%	8%	1%	1562
Jul 2020	39%	39%	13%	8%	2%	1552
Jul 2018	51%	29%	8%	10%	3%	1698
Jul 2017	54%	27%	7%	10%	2%	1693
Jul 2016	51%	30%	15%	0%	3%	1692
Jul 2013	52%	31%	15%	0%	2%	2083

Note: Numbers may not add to 100 due to rounding

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

Q39. 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 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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 All Adults - Time Trends**

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Q40. When it comes to efforts to fight climate change, how important is it to you that California acts as a leader around the world?

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	Very important	Somewhat important	Not too important	Not important at all	Don't know	Unweighted n
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

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Note: Numbers may not add to 100 due to rounding

**PPIC Statewide Survey  
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Q41. 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 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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Q42. Do you think that California doing things to reduce climate change in the future would cause gasoline prices at the pump around the state to increase, or to decrease, or wouldn't affect gasoline prices at the pump around the state?

	Increase gasoline prices	Decrease gasoline prices	Wouldn't affect gasoline prices	Don't know	Unweighted n
Jul 2021	57%	21%	19%	2%	1564
Jul 2020	52%	27%	19%	3%	1556
Jul 2019	58%	15%	17%	9%	1700
Jul 2018	56%	16%	17%	11%	1703
Jul 2017	54%	18%	19%	9%	1699
Jul 2016	59%	14%	20%	7%	1696

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 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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 All Adults - Time Trends**

Q44. 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 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

**PPIC Statewide Survey  
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Q45. 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 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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Q46. 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 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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 All Adults - Time Trends**

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Q47. Next, how important is the condition of oceans and beaches to the economy and quality of life for California's future?

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	Very important	Somewhat important	Not too important	Not at all important	Don't know	Unweighted n
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

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Note: Numbers may not add to 100 due to rounding

**PPIC Statewide Survey  
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Q48. How concerned are you about rising sea levels having an impact on flooding and beach erosion?						
	Very concerned	Somewhat concerned	Not too concerned	Not at all concerned	Don't know	Unweighted n
Jul 2021	37%	36%	18%	9%	0%	1568
Jul 2020	39%	35%	19%	7%	0%	1557
Jul 2018	45%	29%	14%	11%	1%	1710

Note: Numbers may not add to 100 due to rounding

**PPIC Statewide Survey  
 Californians and the Environment - July 2021  
 All Adults - Time Trends**

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Q49. How concerned are you about ocean warming having an impact on marine and coastal life?

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	Very concerned	Somewhat concerned	Not too concerned	Not at all concerned	Don't know	Unweighted n
Jul 2021	49%	34%	11%	6%	0%	1565
Jul 2020	47%	34%	13%	6%	0%	1557
Jul 2018	50%	28%	13%	9%	1%	1708

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Note: Numbers may not add to 100 due to rounding

**PPIC Statewide Survey  
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Q50. 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 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

**PPIC Statewide Survey  
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Q51. 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 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



**PPIC Statewide Survey  
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Q53. How about building desalination plants on  
 the California coast? Do you favor or oppose  
 this proposal?

	Favor	Oppose	Don't know	Unweighted n
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

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

Q55. 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 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

**PPIC Statewide Survey  
 Californians and the Environment - July 2021  
 All Adults - Time Trends**

Q56. Do you support or oppose Joe Biden's decision to rejoin the Paris Agreement, which is the international agreement that tries to address climate change?

	Support	Oppose	Don't know	Unweighted n
Jul 2021	73%	25%	2%	1560
Jan 2021	71%	23%	6%	1697

Note: Numbers may not add to 100 due to rounding

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

Q57. Do you think the federal government is doing more than enough, just enough, or not enough to address climate change?

	More than enough	Just enough	Not enough	Don't know	Unweighted n
Jul 2021	15%	31%	52%	2%	1555
Jan 2021	15%	30%	48%	7%	1686
Jul 2013	13%	27%	53%	6%	2077
Aug 2012	13%	27%	55%	5%	2478
Jul 2011	13%	24%	56%	7%	2491
Jul 2010	14%	28%	52%	6%	2476
Jul 2009	15%	31%	48%	7%	2492
Jul 2008	8%	20%	66%	6%	2497

Note: Numbers may not add to 100 due to rounding

**PPIC Statewide Survey  
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Q58. 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	Don't know	Unweighted n
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

**PPIC Statewide Survey  
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Q61. As you may know, the 1973 Supreme Court case Roe v. Wade established a woman's constitutional right to have an abortion. Would you like to see the Supreme Court overturn the Roe v. Wade decision, or not?

	Yes, overturn Roe versus Wade	No, not overturn Roe versus Wade	Don't know	Unweighted n
Jul 2021	21%	77%	2%	1551
Oct 2020	25%	70%	5%	1677
Sep 2019	27%	66%	7%	1680
Sep 2018	26%	66%	7%	1687
Jan 2017	25%	71%	4%	1684
Feb 2009	30%	66%	4%	2479
Jun 2007	30%	65%	5%	1979
Jan 2006	22%	71%	7%	2488
Aug 2005	24%	70%	6%	1995

Note: Numbers may not add to 100 due to rounding

**PPIC Statewide Survey  
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Q62. Thinking about abortion policies around the country, which is your greater concern?				
	Some states are making it too difficult to get an abortion	Some states are making it too easy to get an abortion	Don't know	Unweighted n
Jul 2021	61%	36%	3%	1553
Sep 2019	54%	38%	8%	1651

Note: Numbers may not add to 100 due to rounding

**PPIC Statewide Survey  
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Q64. Which of the following statements do you  
 agree with more?

	The penalty for first- degree murder should be the death penalty	The penalty for first- degree murder should be life imprisonment with absolutely no possibility of parole	Don't know	Unweighted n
Jul 2021	43%	55%	2%	1557
Mar 2019	30%	62%	8%	1107
Sep 2012	38%	55%	7%	1963
Sep 2011	39%	54%	7%	1976
Feb 2004	38%	53%	9%	982
Jan 2000	49%	47%	4%	1980

Note: Numbers may not add to 100 due to rounding



**PPIC Statewide Survey  
 Californians and the Environment - July 2021  
 All Adults - Time Trends**

Q66. 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
Jul 2021	55%	29%	10%	6%	0%
Apr 2021	58%	26%	9%	6%	0%
Dec 2020	53%	30%	11%	6%	0%
Jul 2020	60%	25%	10%	5%	0%

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	Unweighted n
Jul 2021	1566
Apr 2021	1600
Dec 2020	2325
Jul 2020	1552

(cont.)

Note: Numbers may not add to 100 due to rounding

**PPIC Statewide Survey  
 Californians and the Environment - July 2021  
 All Adults - Time Trends**

Q67. 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	No	Don't know	Unweighted n
Jul 2021	5%	35%	0%	60%	0%	1559
Apr 2021	4%	29%	4%	63%	0%	1553
Jul 2020	5%	35%	59%	0%	0%	1533

Note: Numbers may not add to 100 due to rounding

**PPIC Statewide Survey  
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Q68. 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 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