

# Californians and the Environment July 2019

## Time Trends – All Respondents

### Methodology Note:

Findings for July 2019 are based on a survey of 1,706 California adult residents, with 70 percent interviewed on cell phones (1,194 interviews) and 30 percent interviewed on landline telephones (512 interviews). Live landline and cell phone interviews were conducted in English and Spanish according to the respondents' preferences. Interviews took an average of 19 minutes to complete. Interviewing took place on weekend days and weekday nights July 14-23, 2019.

The sampling error for July 2019, taking design effects from weighting into consideration, is  $\pm 3.4$  percent at the 95 percent confidence level for the total unweighted sample of 1,706 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 2019  
 All Adults - Time Trends**

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Q1. First, overall, do you approve or disapprove of the way that  
 Gavin Newsom is handling his job as governor of California?

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	approve	disapprove	[VOL] have not heard enough	[VOL] don't know	Unweighted n
Jul 2019	45%	31%	--	25%	1679
May 2019	45%	29%	--	26%	1691
Mar 2019	45%	26%	16%	13%	1699
Jan 2019	44%	23%	23%	10%	1684

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Note: Numbers may not add to 100 due to rounding

**PPIC Statewide Survey  
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Q3. Overall, do you approve or disapprove of  
 the way that the California Legislature is  
 handling its job?

	approve	disapprove	[VOL] don't know	Unweighted n
Jul 2019	42%	41%	17%	1687
May 2019	39%	44%	17%	1701
Mar 2019	46%	37%	17%	1692
Jan 2019	49%	37%	14%	1689
Dec 2018	47%	39%	15%	1685
Nov 2018	46%	38%	16%	1694
Oct 2018	45%	37%	18%	1691
Sep 2018	46%	37%	17%	1690
Jul 2018	46%	38%	15%	1703
May 2018	44%	38%	18%	1692
Apr 2018	46%	40%	14%	1697
Mar 2018	46%	38%	16%	1690
Jan 2018	51%	33%	16%	1694
Dec 2017	49%	36%	15%	1697
Nov 2017	48%	36%	16%	1690
Sep 2017	49%	39%	12%	1726
Jul 2017	50%	34%	17%	1697
May 2017	46%	38%	15%	1691
Apr 2017	49%	36%	15%	1696
Mar 2017	51%	33%	16%	1685
Jan 2017	57%	30%	13%	1686
Dec 2016	49%	38%	13%	1697
Oct 2016	46%	33%	20%	1684
Sep 2016	47%	37%	16%	1690
Jul 2016	45%	40%	15%	1687
May 2016	43%	37%	20%	1690
Apr 2016	48%	38%	14%	1694
Mar 2016	44%	39%	18%	1692
Jan 2016	46%	39%	15%	1692
Dec 2015	41%	40%	19%	1678
Sep 2015	45%	38%	17%	1691
Jul 2015	39%	45%	16%	1688
Jun 2015	37%	43%	20%	1694
Apr 2015	42%	43%	15%	1695
Mar 2015	45%	39%	16%	1693
Jan 2015	49%	36%	15%	1689
Dec 2014	41%	42%	17%	1681
Oct 2014	41%	42%	17%	1686
Sep 2014	37%	42%	20%	1673
Jul 2014	38%	46%	16%	1683
May 2014	40%	44%	16%	1684
Apr 2014	40%	44%	17%	1693

**PPIC Statewide Survey  
 Californians and the Environment - July 2019  
 All Adults - Time Trends(cont.)**

Q3. Overall, do you approve or disapprove of  
 the way that the California Legislature is  
 handling its job?

	approve	disapprove	[VOL] don't know	Unweighted n
Mar 2014	36%	45%	19%	1685
Jan 2014	42%	44%	14%	1698
Dec 2013	38%	43%	19%	1688
Sep 2013	38%	45%	17%	1693
Jul 2013	36%	45%	19%	2096
May 2013	35%	50%	16%	1697
Apr 2013	31%	53%	15%	1699
Mar 2013	34%	49%	17%	1689
Jan 2013	41%	42%	17%	1700
Dec 2012	34%	51%	15%	1992
Oct 2012	28%	55%	17%	1995
Sep 2012	30%	53%	17%	1989
Aug 2012	29%	54%	17%	2480
May 2012	25%	57%	18%	1990
Apr 2012	25%	58%	16%	1992
Mar 2012	25%	54%	21%	1989
Jan 2012	28%	56%	16%	1988
Dec 2011	25%	55%	20%	1987
Nov 2011	25%	55%	19%	2490
Sep 2011	26%	56%	18%	1998
Jul 2011	23%	59%	18%	2496
Jun 2011	23%	58%	19%	1998
Apr 2011	21%	60%	19%	2487
Mar 2011	24%	54%	21%	1982
Feb 2011	24%	52%	24%	2483
Jan 2011	26%	55%	19%	1990
Nov 2010	14%	72%	14%	2486
Oct 2010	16%	77%	7%	1989
Sep 2010	16%	75%	9%	1990
Jul 2010	15%	68%	17%	2487
May 2010	16%	72%	12%	1993
Apr 2010	16%	69%	14%	2493
Mar 2010	14%	72%	14%	1996
Jan 2010	18%	71%	11%	1989
Dec 2009	17%	70%	13%	2000
Nov 2009	18%	68%	15%	2491
Sep 2009	21%	68%	11%	1998
Jul 2009	17%	71%	11%	2484
May 2009	21%	65%	14%	1994
Apr 2009	23%	63%	14%	2493
Mar 2009	18%	68%	14%	1995
Feb 2009	21%	65%	14%	2494

**PPIC Statewide Survey  
 Californians and the Environment - July 2019  
 All Adults - Time Trends(cont.)**

Q3. Overall, do you approve or disapprove of  
 the way that the California Legislature is  
 handling its job?

	approve	disapprove	[VOL] don't know	Unweighted n
Jan 2009	21%	67%	12%	1994
Nov 2008	24%	60%	16%	2482
Oct 2008	25%	63%	12%	1996
Sep 2008	21%	67%	11%	1990
Aug 2008	26%	63%	11%	1991
May 2008	26%	57%	17%	1991
Apr 2008	26%	58%	16%	2495
Mar 2008	30%	55%	15%	1988
Jan 2008	34%	53%	13%	1988
Dec 2007	41%	47%	12%	1992
Oct 2007	33%	50%	17%	2490
Sep 2007	34%	51%	15%	1988
Jun 2007	39%	40%	21%	1987
May 2007	37%	44%	19%	1994
Apr 2007	38%	44%	18%	2483
Mar 2007	41%	42%	17%	1989
Jan 2007	40%	44%	15%	2006
Oct 2006	30%	52%	18%	1993
Sep 2006	34%	50%	16%	1994
Aug 2006	31%	53%	16%	1995
May 2006	26%	54%	20%	1988
Mar 2006	25%	59%	16%	1988
Jan 2006	29%	57%	14%	2000
Jan 2006	24%	54%	22%	2481
Oct 2005	25%	56%	19%	1993
Sep 2005	32%	53%	15%	1992
Aug 2005	27%	56%	17%	1993
May 2005	26%	58%	16%	1992
Jan 2005	37%	50%	13%	1993
Oct 2004	43%	41%	16%	2005
Sep 2004	40%	46%	14%	1988
Aug 2004	42%	45%	13%	1990
Jun 2004	40%	44%	16%	2498
May 2004	40%	43%	17%	1986
Jan 2004	36%	45%	19%	1981
Aug 2003	28%	58%	14%	1979
Jun 2003	39%	44%	17%	1976
Feb 2003	36%	45%	19%	1967
Sep 2002	45%	36%	18%	1967

**PPIC Statewide Survey  
 Californians and the Environment - July 2019  
 All Adults - Time Trends(cont.)**

Q3. Overall, do you approve or disapprove of  
 the way that the California Legislature is  
 handling its job?

	approve	disapprove	[VOL] don't know	Unweighted n
Jan 2002	49%	35%	16%	1942
Dec 2001	53%	29%	18%	1952
Jul 2001	45%	38%	18%	1966
Jan 2001	58%	27%	15%	1960
Sep 2000	56%	31%	12%	1980

Note: Numbers may not add to 100 due to rounding

**PPIC Statewide Survey  
 Californians and the Environment - July 2019  
 All Adults - Time Trends**

Q4. Do you approve or disapprove of the way  
 that the California Legislature is handling  
 environmental issues in California?

	approve	disapprove	[VOL] don't know	Unweighted n
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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Q5. 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	[VOL] don't know	Unweighted n
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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Q6. 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	(VOL) don't know	Unweighted n
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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Q7. We are interested in the part of California that you live in.  
Would you say that air pollution is a big problem, somewhat of a  
problem, or not a problem in your part of California?

	big problem	somewhat of a problem	not a problem	[VOL] don't know	Unweighted n
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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Q8. How serious a health threat is air pollution in your region to you and your immediate family-do you think it is a very serious, somewhat serious, or not too serious of a health threat?

	very serious	somewhat serious	not too serious	(VOL) not at all serious	[VOL] don't know	Unweighted n
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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Q9. 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	(VOL) don't know	Unweighted n
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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Q10. On another topic, which of the following statements reflects your view of when the effects of global warming will begin to happen...?

	already begun	within a few years	within your lifetime	not within lifetime, but will affect future generations	will never happen	(VOL) don't know
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 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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Q11. How serious of a threat is global warming to the economy and quality of life for California's future-do you think that it is a very serious, somewhat serious, not too serious, or not at all serious of a threat?

	very serious	somewhat serious	not too serious	not at all serious	[VOL] don't know	Unweighted n
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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Q12. How about increased rising sea levels? (Are you very concerned, somewhat concerned, not too concerned, or not at all concerned about that as an impact of global warming in California's future?)

	very concerned	somewhat concerned	not too concerned	not at all concerned	(VOL) don't know	Unweighted n
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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Q13. How about heat waves that are more severe? (Are you very concerned, somewhat concerned, not too concerned, or not at all concerned about that as an impact of global warming in California's future?)

	very concerned	somewhat concerned	not too concerned	not at all concerned	(VOL) don't know	Unweighted n
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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Q14. How about wildfires that are more severe? (Are you very concerned, somewhat concerned, not too concerned, or not at all concerned about that as an impact of global warming in California's future?)

	very concerned	somewhat concerned	not too concerned	not at all concerned	(VOL) don't know	Unweighted n
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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Q17. Next, to address global warming, do you favor or oppose the state law that requires California to reduce its greenhouse gas emissions to 40 percent below 1990 levels by the year 2030?

	favor	oppose	(VOL) don't know	Unweighted n
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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Q18. 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	(VOL) don't know	Unweighted n
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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Q19. Do you favor or oppose the California state government making its own policies, separate from the federal government, to address the issue of global warming?

	favor	oppose	(VOL) don't know	Unweighted n
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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Q20. 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, or not important at all?

	very important	somewhat important	not too important	not important at all	(VOL) don't know	Unweighted n
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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Q21. Do you think that California doing things to reduce global warming in the future would cause there to be more jobs for people around the state, would cause there to be fewer jobs, or wouldn't affect the number of jobs for people around the state?

	more jobs	fewer jobs	wouldn't affect the number of jobs	(VOL) don't know	Unweighted n
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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Q22. Do you think that California doing things to reduce global warming in the future would cause gasoline prices at the pump around the state to increase, or to decrease, or wouldn't affect gasoline prices at the pump around the state?

	increase gasoline prices	decrease gasoline prices	wouldn't affect gasoline prices	(VOL) don't know	Unweighted n
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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Q23. In order to help reduce global warming,  
 would you be willing or not willing to pay more  
 for electricity if it were generated by renewable  
 sources like solar or wind energy?

	willing	not willing	(VOL) don't know	Unweighted n
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



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Q24. How about encouraging local governments to change land use and transportation planning so that people could drive less? (Do you favor or oppose this proposal?)

	favor	oppose	(VOL) don't know	Unweighted n
Jul 2019	74%	23%	3%	1701
Jul 2013	76%	21%	3%	2091
Aug 2012	77%	20%	3%	2488
Jul 2011	79%	17%	4%	2497
Jul 2010	77%	20%	3%	2490
Jul 2009	78%	18%	4%	2494
Jul 2008	81%	15%	4%	2497

Note: Numbers may not add to 100 due to rounding

**PPIC Statewide Survey  
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Q25. How about requiring all automakers to further reduce the emissions of greenhouse gases from new cars? (Do you favor or oppose this proposal?)

	favor	oppose	(VOL) don't know	Unweighted n
Jul 2019	75%	21%	4%	1692
Jul 2013	80%	17%	3%	2099
Aug 2012	78%	20%	2%	2492
Jul 2011	81%	16%	3%	2501
Jul 2010	79%	19%	2%	2498
Jul 2009	78%	19%	3%	2498
Jul 2008	81%	16%	4%	2501
Jul 2007	84%	13%	3%	2495
Jul 2006	78%	16%	6%	2497
Jul 2005	77%	17%	6%	2497
Jul 2004	81%	12%	7%	2499
Jul 2003	80%	14%	6%	1984
Jun 2002	81%	16%	3%	1974

Note: Numbers may not add to 100 due to rounding

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Q26. 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	(VOL) don't know	Unweighted n
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

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Q27. In the system called 'cap-and-trade,' the California state government issues permits limiting the amount of greenhouse gases companies can put out. Do you favor or oppose the cap-and-trade system?

	favor	oppose	(VOL) don't know	Unweighted n
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

Note: Numbers may not add to 100 due to rounding

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Q29. How about overfishing, or depleting the fishing stock, by commercial 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	(VOL) don't know	Unweighted n
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

**PPIC Statewide Survey  
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Q31. How about urban development harming wildlife habitats and endangered species? (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	(VOL) don't know	Unweighted n
Jul 2019	44%	34%	19%	3%	1705
Nov 2003	40%	36%	20%	4%	1995
Jun 2002	36%	38%	21%	5%	1973
Jun 2000	39%	40%	18%	3%	1968

Note: Numbers may not add to 100 due to rounding

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Q32. How important is the condition of the ocean and beaches to the economy and quality of life for California's future? Is it very important, somewhat important, not too important, or not important at all?

	very important	somewhat important	not too important	not important at all	(VOL) don't know	Unweighted n
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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Q33. How about allowing more oil drilling off the California coast? (Do you favor or oppose this proposal?)

	favor	oppose	(VOL) don't know	Unweighted n
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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Q34. How about allowing wind power and wave energy projects off the California coast? (Do you favor or oppose this proposal?)

	favor	oppose	(VOL) don't know	Unweighted n
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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Q35. Overall, do you approve or disapprove of  
 the way that Donald Trump is handling his job  
 as president?

	approve	disapprove	[VOL] don't know	Unweighted n
Jul 2019	32%	62%	5%	1692
May 2019	34%	61%	4%	1696
Mar 2019	29%	67%	4%	1691
Jan 2019	30%	67%	3%	1688
Dec 2018	32%	63%	5%	1678
Oct 2018	29%	64%	7%	1685
Sep 2018	30%	66%	5%	1689
Jul 2018	29%	66%	5%	1689
May 2018	30%	63%	7%	1682
Mar 2018	30%	65%	5%	1688
Jan 2018	26%	71%	3%	1695
Dec 2017	28%	68%	5%	1687
Sep 2017	27%	69%	4%	1721
Jul 2017	25%	71%	4%	1696
May 2017	27%	67%	6%	1690
Mar 2017	31%	61%	7%	1685
Jan 2017	30%	58%	12%	1678

Note: Numbers may not add to 100 due to rounding

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

Q36. Do you approve or disapprove of the way  
 that President Trump is handling environmental  
 issues in the United States?

	approve	disapprove	[VOL] don't know	Unweighted n
Jul 2019	26%	66%	8%	1697
Jul 2018	24%	67%	8%	1694
Jul 2017	22%	70%	8%	1699

Note: Numbers may not add to 100 due to rounding

**PPIC Statewide Survey  
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	Q37. Overall, do you approve or disapprove of the way the U.S. Congress is handling its job?			
	approve	disapprove	[VOL] don't know	Unweighted n
Jul 2019	25%	65%	9%	1696
May 2019	30%	63%	7%	1690
Mar 2019	36%	56%	8%	1690
Jan 2019	34%	59%	7%	1690
Dec 2018	29%	62%	9%	1686
Oct 2018	25%	64%	11%	1689
Sep 2018	28%	61%	10%	1694
Jul 2018	20%	71%	9%	1697
May 2018	24%	66%	10%	1684
Mar 2018	29%	65%	6%	1697
Jan 2018	21%	72%	7%	1698
Dec 2017	22%	70%	8%	1700
Sep 2017	24%	70%	6%	1726
Jul 2017	24%	68%	8%	1702
May 2017	26%	66%	8%	1695
Mar 2017	36%	55%	9%	1692
Jan 2017	33%	58%	9%	1689
Oct 2016	31%	59%	10%	1703
Sep 2016	29%	65%	6%	1699
Jul 2016	28%	66%	6%	1696
May 2016	28%	67%	6%	1696
Mar 2016	24%	70%	6%	1706
Jan 2016	32%	63%	5%	1694
Dec 2015	26%	67%	7%	1697
Sep 2015	32%	62%	7%	1702
Jul 2015	29%	63%	9%	1690
Jun 2015	27%	68%	5%	1701
Mar 2015	24%	69%	7%	1694
Jan 2015	38%	55%	7%	1700
Oct 2014	24%	68%	8%	1689
Sep 2014	24%	66%	10%	1682
Jul 2014	22%	72%	6%	1690
May 2014	24%	69%	7%	1697
Mar 2014	19%	74%	7%	1695
Jan 2014	26%	69%	5%	1702
Dec 2013	18%	76%	6%	1693
Sep 2013	28%	65%	8%	1682
Jul 2013	30%	62%	7%	2092
May 2013	31%	62%	6%	1696
Mar 2013	29%	67%	4%	1696
Jan 2013	34%	59%	7%	1700
Oct 2012	26%	67%	7%	2000
Sep 2012	27%	67%	7%	1989

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 Californians and the Environment - July 2019  
 All Adults - Time Trends(cont.)**

Q37. Overall, do you approve or disapprove of  
 the way the U.S. Congress is handling its job?

	approve	disapprove	[VOL] don't know	Unweighted n
Aug 2012	27%	66%	7%	2485
May 2012	22%	69%	8%	1993
Mar 2012	24%	68%	8%	1992
Jan 2012	25%	69%	5%	1993
Dec 2011	20%	75%	5%	1988
Sep 2011	27%	64%	9%	1996
Jul 2011	25%	65%	10%	2495
Mar 2011	30%	58%	12%	1988
Oct 2010	31%	64%	5%	1988
Sep 2010	26%	66%	8%	1990
May 2010	31%	61%	8%	1997
Mar 2010	24%	68%	8%	1992
Jan 2010	36%	55%	9%	1991
Dec 2009	38%	54%	8%	1994
Sep 2009	39%	54%	7%	2000
May 2009	47%	43%	10%	1998
Mar 2009	43%	47%	10%	1993
Jan 2009	37%	56%	7%	1997
Oct 2008	23%	71%	6%	1993
Sep 2008	29%	63%	9%	1991
Aug 2008	27%	64%	9%	1990
Mar 2008	33%	55%	12%	1992
Dec 2007	31%	62%	7%	1992
Sep 2007	33%	57%	10%	1990
Jun 2007	33%	54%	13%	1989
Jan 2007	42%	44%	13%	2006
Sep 2006	37%	54%	9%	1994
Mar 2006	35%	54%	11%	1992
Oct 2005	42%	46%	11%	1996

Note: Numbers may not add to 100 due to rounding

**PPIC Statewide Survey  
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Q38. Do you approve or disapprove of the way  
 the U.S. Congress is handling environmental  
 issues in the United States?

	approve	disapprove	[VOL] don't know	Unweighted n
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