Outline

- PPIC Statewide Surveys
  - Climate change, energy policy
  - Government ratings, air pollution
- Conclusions
PPIC Statewide Survey mission

- Provide timely, relevant, nonpartisan data on political, social, and economic opinions
- Inform and improve state policymaking, raise awareness, encourage discussion
- Provide a voice for all Californians in important state policy debates
  - 286,000+ Californians since 1998
  - 136 general, issue, and regional surveys
Californians and the Environment

- Conducted with funding from The Hewlett Foundation
- 13th annual survey on environment since 2000
- Perceptions of global warming, preferences for emissions reductions, energy policy
- Approval ratings, government ratings on global warming, perceptions of regional air pollution
- Telephone interviews, July 9–23
  - 2,103 adults; 1,273 likely voters
    - ± 3% margin of error for adults
    - ± 3.9% for likely voters
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Onset of global warming

Which of the following statements reflects your view of when the effects of global warming will begin to happen?

- Have already begun to happen
- Will happen in the future
- Will never happen

* Gallup Poll, March 2013

*Adults nationwide*

- 54% have already begun to happen
- 27% will happen in the future
- 15% will never happen

*Californians*

- 63% have already begun to happen
- 22% will happen in the future
- 11% will never happen
When to counter effects of global warming

Do you think it is necessary to take steps to counter the effects of global warming right away, or do you think it is not necessary to take steps yet?

% right away

%  
% right away

<table>
<thead>
<tr>
<th>Year</th>
<th>Dem</th>
<th>Ind</th>
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<tbody>
<tr>
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Seriousness of global warming

How serious of a threat is global warming to the economy and quality of life for California’s future?

- **All adults**: 50% Very serious, 27% Somewhat serious
- **Latinos**: 67% Very serious, 24% Somewhat serious
- **Blacks**: 63% Very serious, 27% Somewhat serious
- **Whites**: 40% Very serious, 27% Somewhat serious
- **Asians**: 38% Very serious, 40% Somewhat serious

(Bar chart showing the percentage of very serious and somewhat serious responses for different groups.)
Possible impacts of global warming

- More severe wildfires: 57%
- More severe droughts: 49%
- Increased flooding: 28%
- More severe storms: 28%
When it comes to the state government’s plans for reducing greenhouse gas emissions should it take action right away or should it wait until the state economy and job situation improve to take action?
Importance of mitigation and adaptation

How important is it for the state government to pass regulations and spend money now on efforts to...

- Reduce global warming
  - Somewhat important: 31%
  - Very important: 48%

- Prepare for the future effects of global warming
  - Somewhat important: 29%
  - Very important: 53%
To address global warming, do you favor or oppose the state law that requires California to reduce its greenhouse gas emissions back to 1990 levels by the year 2020?

Support for AB 32

% favor

July 2006: 67 68 65
July 2007: 67 68 65
July 2008: 73 77 73
July 2009: 80 80 80
July 2010: 80 80 80
July 2011: 80 80 80
July 2012: 77 77 77
July 2013: 63 63 63
Effect on employment

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: 45%
- Fewer jobs: 24%
- No effect: 21%
- Don't know: 10%

All adults
Officials in the state and federal governments are discussing ways to address global warming. Please tell me if you favor or oppose the following plans to help reduce greenhouse gas emissions.

- Increase energy efficiency in building and appliances: 76% favor, 19% oppose
- Change land use planning to reduce miles driven: 76% favor, 21% oppose
Emission policies, II

Officials in the state and federal governments are discussing ways to address global warming. Please tell me if you favor or oppose the following plans to help reduce greenhouse gas emissions.

- **Require industrial plants, refineries, commercial facilities to reduce emissions**: 80% favor, 16% oppose
- **Set stricter emissions limits on power plants**: 76% favor, 19% oppose
Emission policies, III

Officials in the state and federal governments are discussing ways to address global warming. Please tell me if you favor or oppose the following plans to help reduce greenhouse gas emissions.

1. Require oil companies to produce transportation fuels with lower emissions: 81% favor, 16% oppose.

2. Reduce emissions from new cars: 80% favor, 17% oppose.
Awareness of cap-and-trade

How much, if anything, have you heard about the state government policy called “cap-and-trade” that sets limits on carbon dioxide emissions?

- A lot: 12%
- A little: 33%
- Nothing at all: 54%
- Don't know: 1%

All adults
Cap-and-trade revenues in disadvantaged communities

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?

- All adults: 52%
- Blacks: 78%
- Latinos: 71%
- Asians: 39%
- Whites: 39%
Cap-and-trade revenues for transportation, housing

Please say if you favor or oppose spending cap-and-trade revenues on the following transportation and housing infrastructure projects.

- **Public transit**: 78% favor, 19% oppose
- **Repaving roads and highways**: 72% favor, 24% oppose
- **Housing, commercial development near transit hubs**: 60% favor, 32% oppose
Allowing more oil drilling

Do you favor or oppose the following proposals? How about allowing more oil drilling off the California coast?

- Oppose
- Favor

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<tr>
<th>Year</th>
<th>Oppose</th>
<th>Favor</th>
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Building more nuclear power plants

Do you favor or oppose the following proposals? How about building more nuclear power plants at this time?

![Graph showing percentage of people favoring or opposing the proposal from July 2005 to July 2013.](image-url)

How about requiring one-third of the state’s electricity to come from renewable energy sources, such as solar and wind power, by the year 2020?
Do you favor or oppose increased use of fracking, a drilling method that uses high-pressure water and chemicals to extract oil and natural gas from underground rock formations?
As you may know, fracking is currently taking place in California. Do you favor or oppose stricter state regulation of fracking in California?

- Favor: 50%
- Oppose: 36%
- Don't know: 13%

All adults
Do you favor or oppose building the Keystone XL pipeline that would transport oil from Canada’s oil sands region through the Midwest to refineries in Texas?

<table>
<thead>
<tr>
<th>Category</th>
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<td>All adults</td>
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<td>Likely voters</td>
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Approval ratings of state elected officials

Governor Brown

- Job overall: 48%
- Environmental issues: 39%

California Legislature

- Job overall: 36%
- Environmental issues: 38%
Approval ratings of federal elected officials

- President Obama: 61% (Job overall) / 53% (Environmental issues)
- U.S. Congress: 30% (Job overall) / 29% (Environmental issues)
Ratings of government on addressing global warming

Overall, do you think that the ... is doing more than enough, just enough, or not enough to address global warming?

- Federal government: 53%
- State government: 44%
- Local government: 44%

% not enough
Regional air pollution

Would you say that air pollution is a big problem, somewhat of a problem, or not a problem in your region?

- **Inland Empire**: 44% Big problem, 30% Somewhat of a problem
- **Los Angeles**: 40% Big problem, 35% Somewhat of a problem
- **Central Valley**: 31% Big problem, 38% Somewhat of a problem
- **SF Bay Area**: 16% Big problem, 38% Somewhat of a problem
- **Orange/San Diego**: 14% Big problem, 36% Somewhat of a problem
Disparities in regional air pollution

Do you think that air pollution is a more serious health threat in lower-income areas than other areas in your region, or not?

- All adults: 48%
- Latinos: 69%
- Blacks: 64%
- Asians: 44%
- Whites: 34%
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- Most say global warming is a threat; a record share say state should act right away to reduce emissions
- Two in three continue to favor AB 32; bipartisan majorities favor several emission reduction strategies
- Majorities oppose more oil drilling or nuclear plants
- Slim majority oppose fracking, favor Keystone pipeline
- Latinos and blacks most likely to perceive disparities in regional air pollution
Notes on the use of these slides

These slides were created to accompany a presentation. They do not include full documentation of sources, data samples, methods, and interpretations. To avoid misinterpretations, please contact:

surveys@ppic.org

Thank you for your interest in this work.