

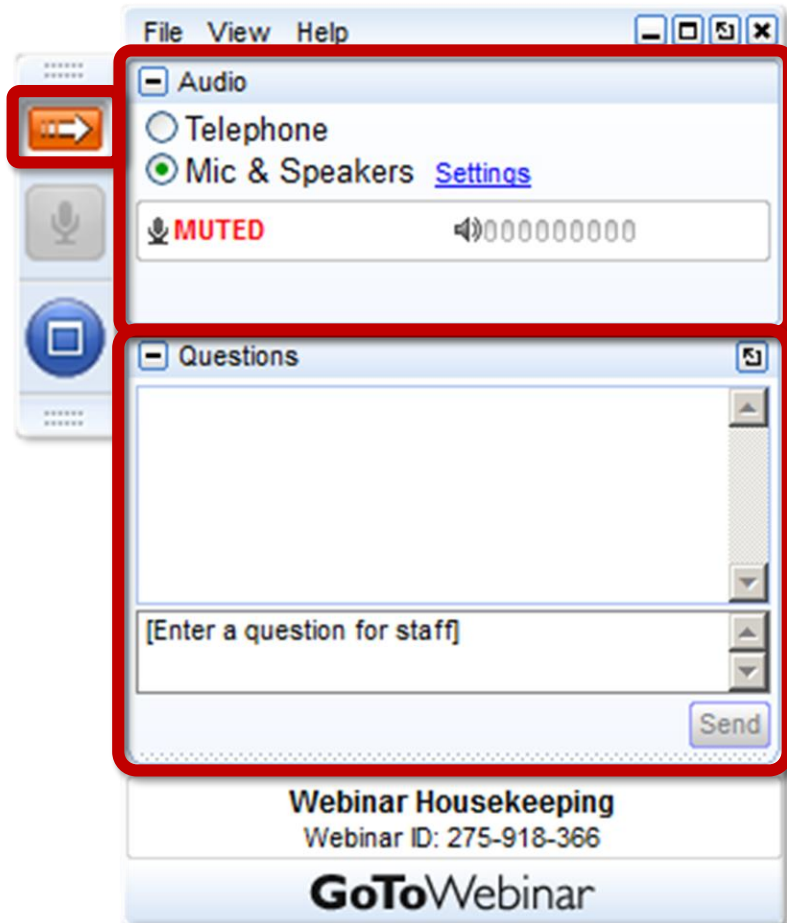
RPS Collaborative Webinar

Americans' Changing Views of Renewable Energy Policies

Hosted by
Warren Leon, Executive Director, CESA

December 4, 2018

Housekeeping



Join audio:

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Submit questions and comments via the Questions panel

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CleanEnergy States Alliance



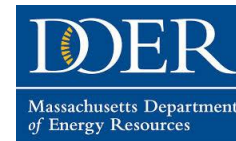
Wisconsin Office of Energy Innovation



NYSERDA



Department of Commerce
Innovation is in our nature.



Illinois
Department of Commerce
& Economic Opportunity



Office of the People's Counsel
District of Columbia
Advocating, Protecting and Educating DC Consumers



ACEP
Alaska Center for Energy and Power

RPS Collaborative

- With funding from the Energy Foundation and the U.S. Department of Energy, CESA facilitates the **Collaborative**.
- Includes **state RPS administrators, federal agency representatives,** and other stakeholders.
- Advances dialogue and learning about RPS programs by **examining the challenges and potential solutions** for successful implementation of state RPS programs, including **identification of best practices**.
- To sign up for the Collaborative listserv to get the **monthly newsletter** and announcements of **upcoming events**, see:
www.cesa.org/projects/renewable-portfolio-standards



Webinar Speakers



Sarah Mills, Senior Project Manager & Lecturer, Gerald R. Ford School of Public Policy, University of Michigan



Warren Leon, Executive Director, Clean Energy States Alliance (moderator)





GERALD R. **FORD SCHOOL** OF PUBLIC POLICY
UNIVERSITY OF MICHIGAN



Muhlenberg College

Institute of
Public Opinion

Americans' Changing Views of Renewable Energy Policies

Sarah Mills, PhD
University of Michigan

CESA Webinar – December 4, 2018

Outline

- Overview of NSEE
- Findings from NSEE@10 Report
- Latest findings from Fall 2018

National Surveys on Energy and Environment

- Public opinion
 - Random sample of U.S. adult residents
 - Telephone interviews
 - Sample size: 700-1000
- Frequency: Fall of 2008, 2009, then twice per year
- Covers climate belief and energy policy

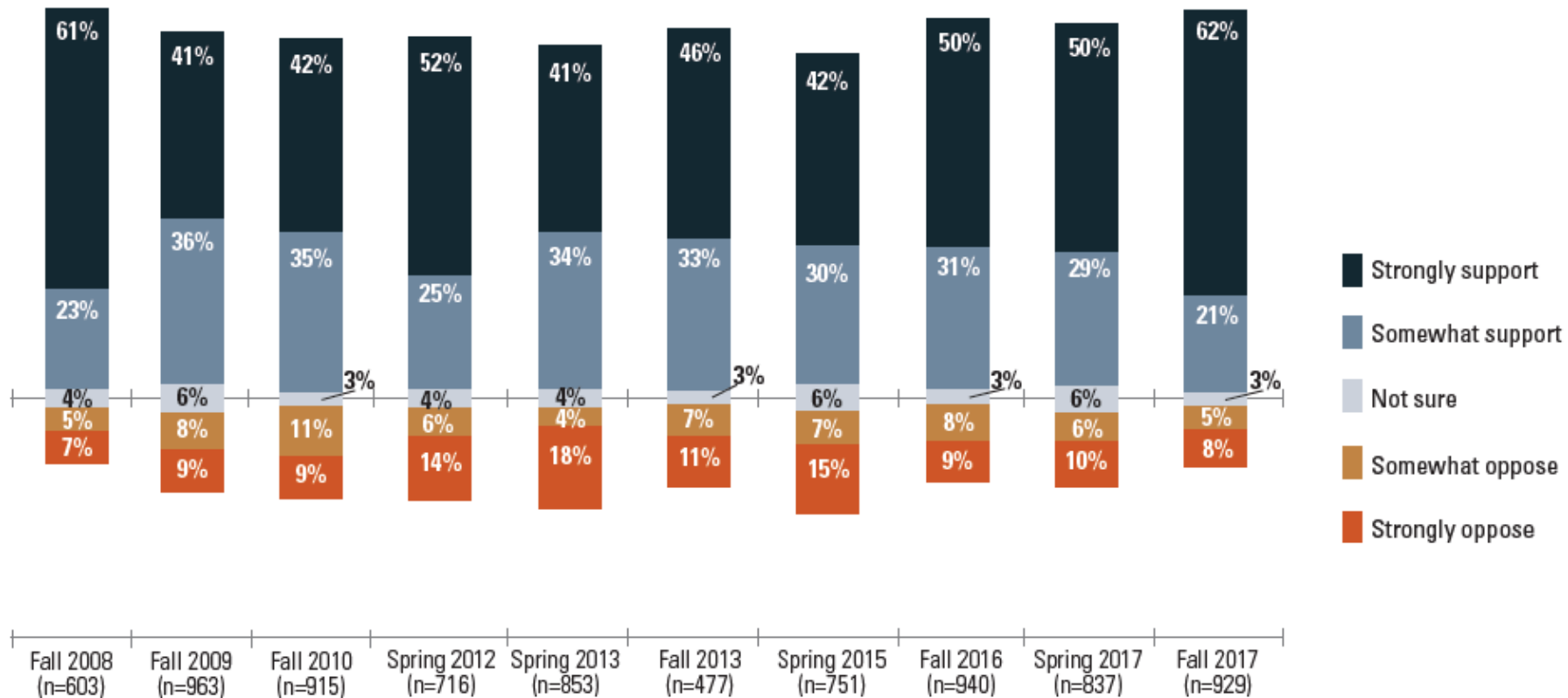
National Surveys on Energy and Environment

- Partnership between University of Michigan and Muhlenberg College's Institute of Public Opinion
 - All funding to-date from these colleges
- Committed to research transparency
 - Data tables, survey instruments online soon after survey
 - Full dataset available after initial reporting

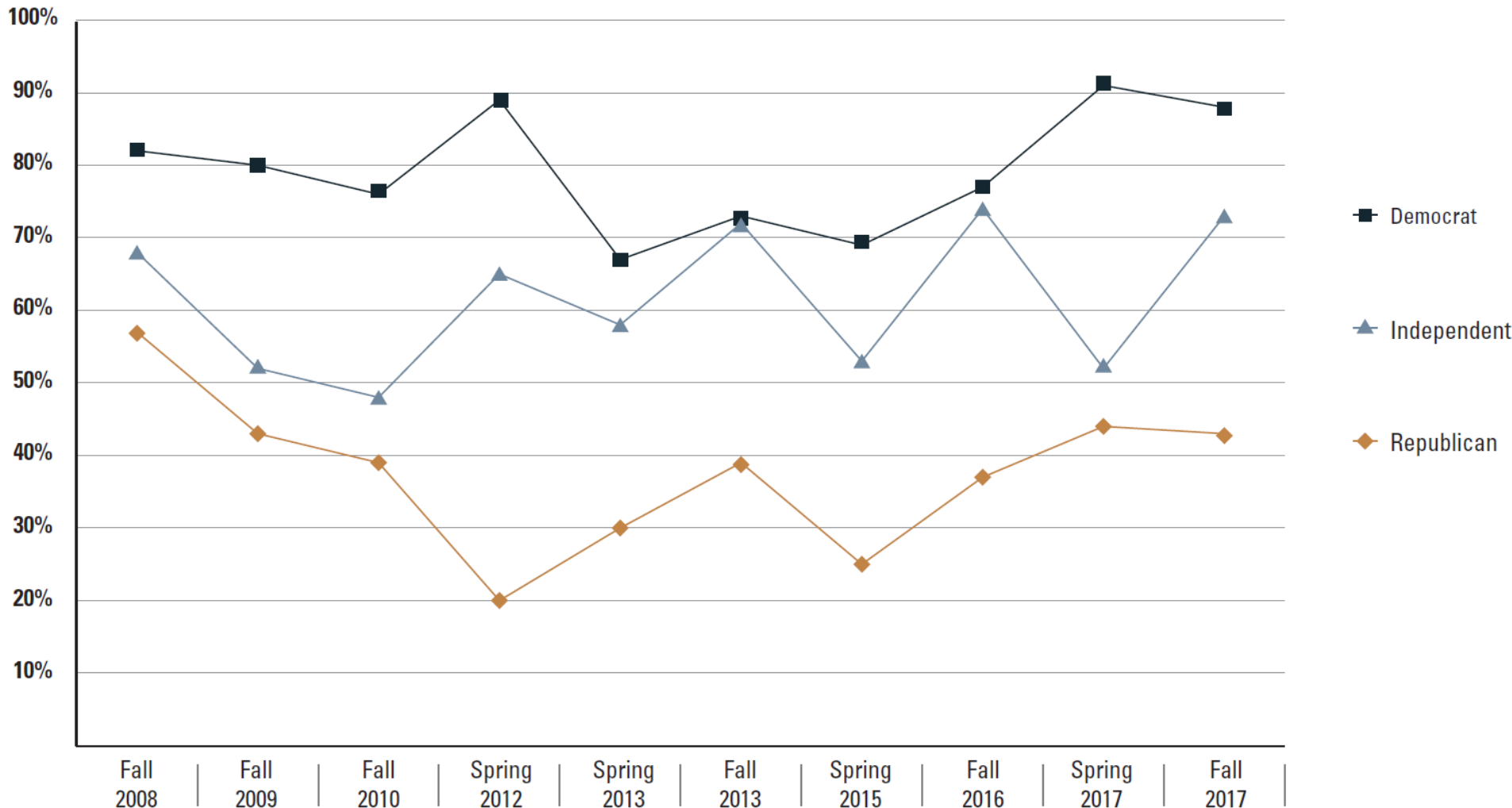
NSEE @10

- In-depth reports pulling together all data from 10 years of NSEE surveys
 - Fossil fuels (Coal, Natural gas, Pipelines)
 - Federalism
 - Carbon pricing (Carbon tax, Cap-and-trade)
 - Transportation (Fuel economy, EV rebates, Gas taxes)
 - **Renewables (Wind, Solar, RPS) – Released October 2018**
 - Adaptation, Mitigation, & Geoengineering
 - Attitudes about climate change

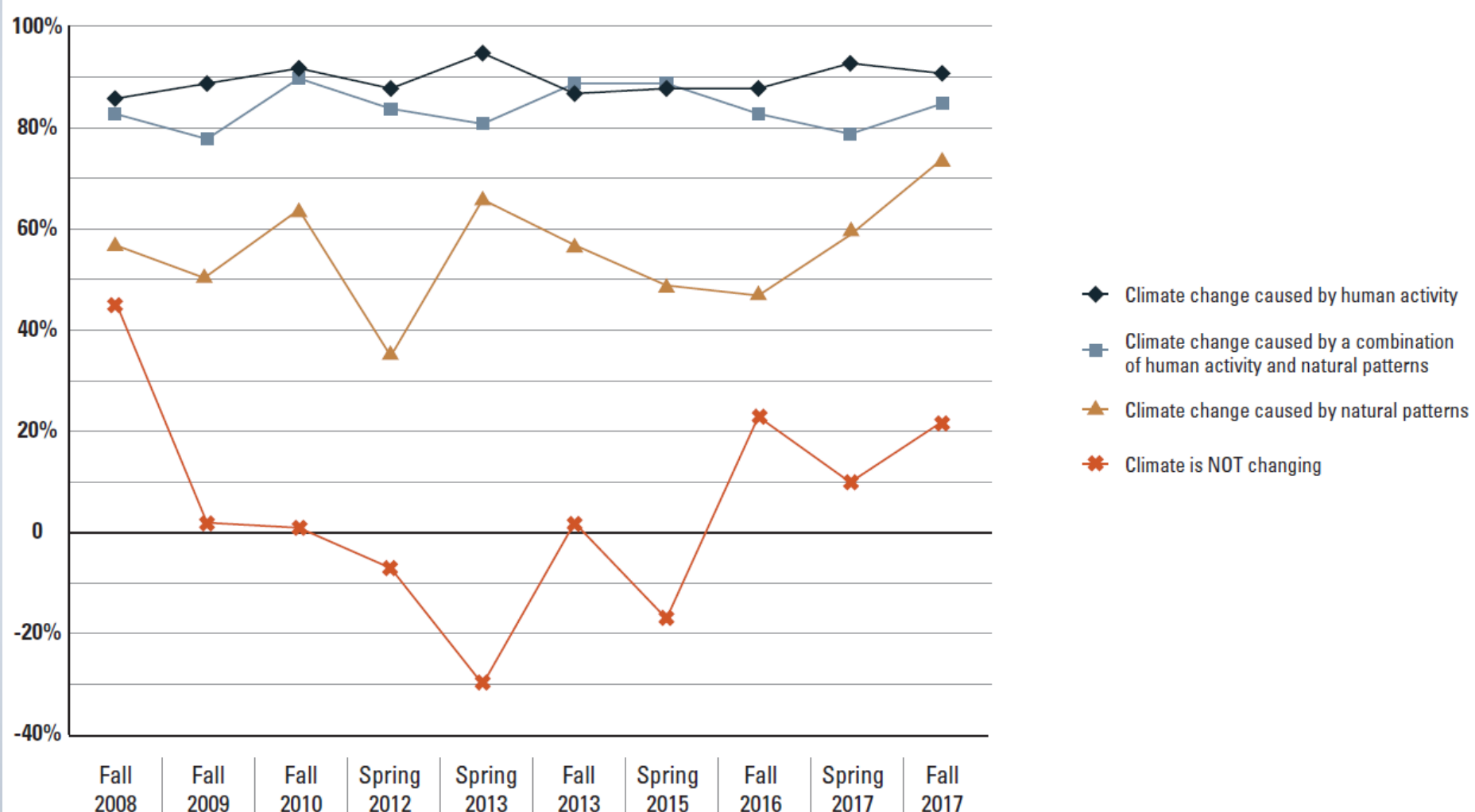
Consistently high support for requiring renewable energy (RPS)



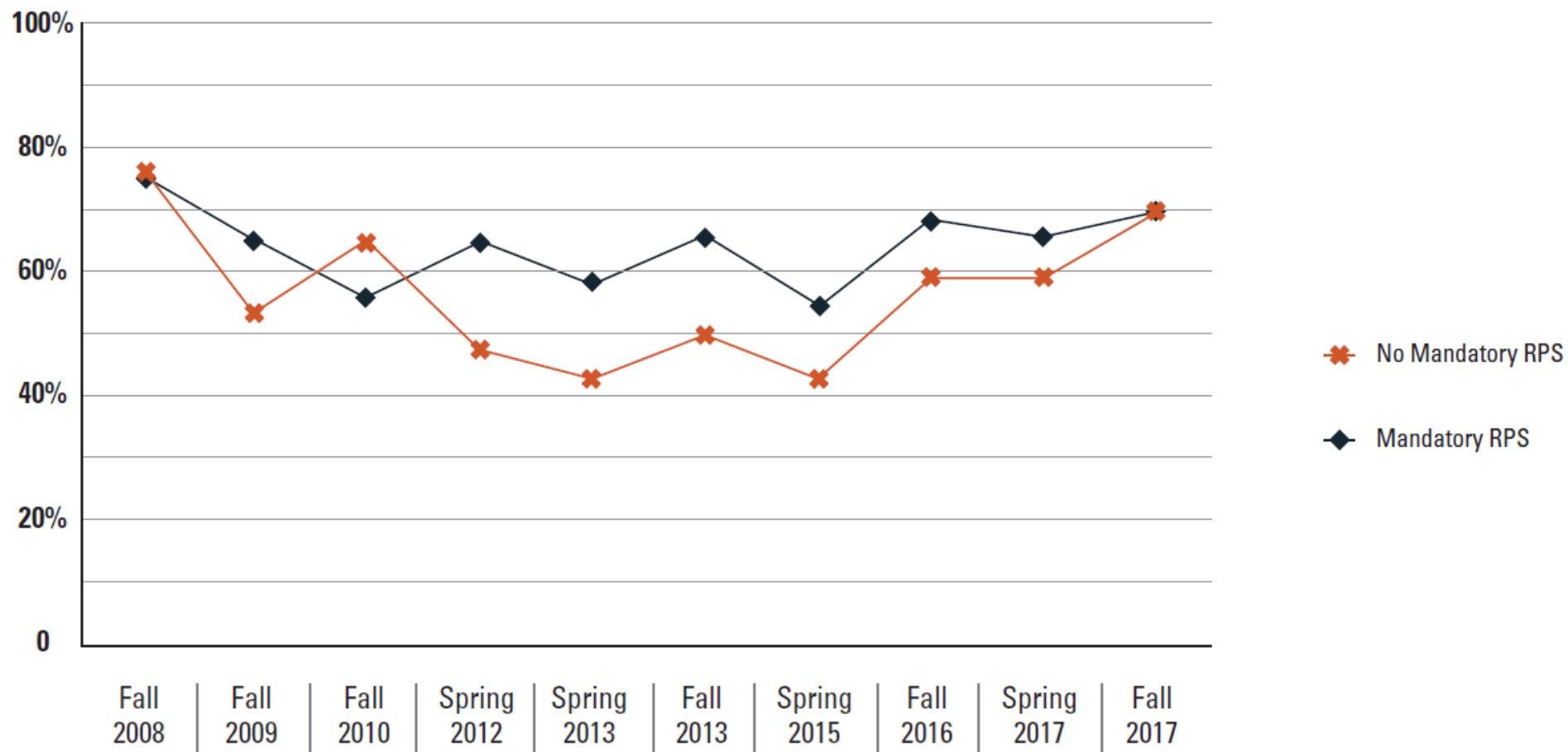
Net support for RPS across political spectrum



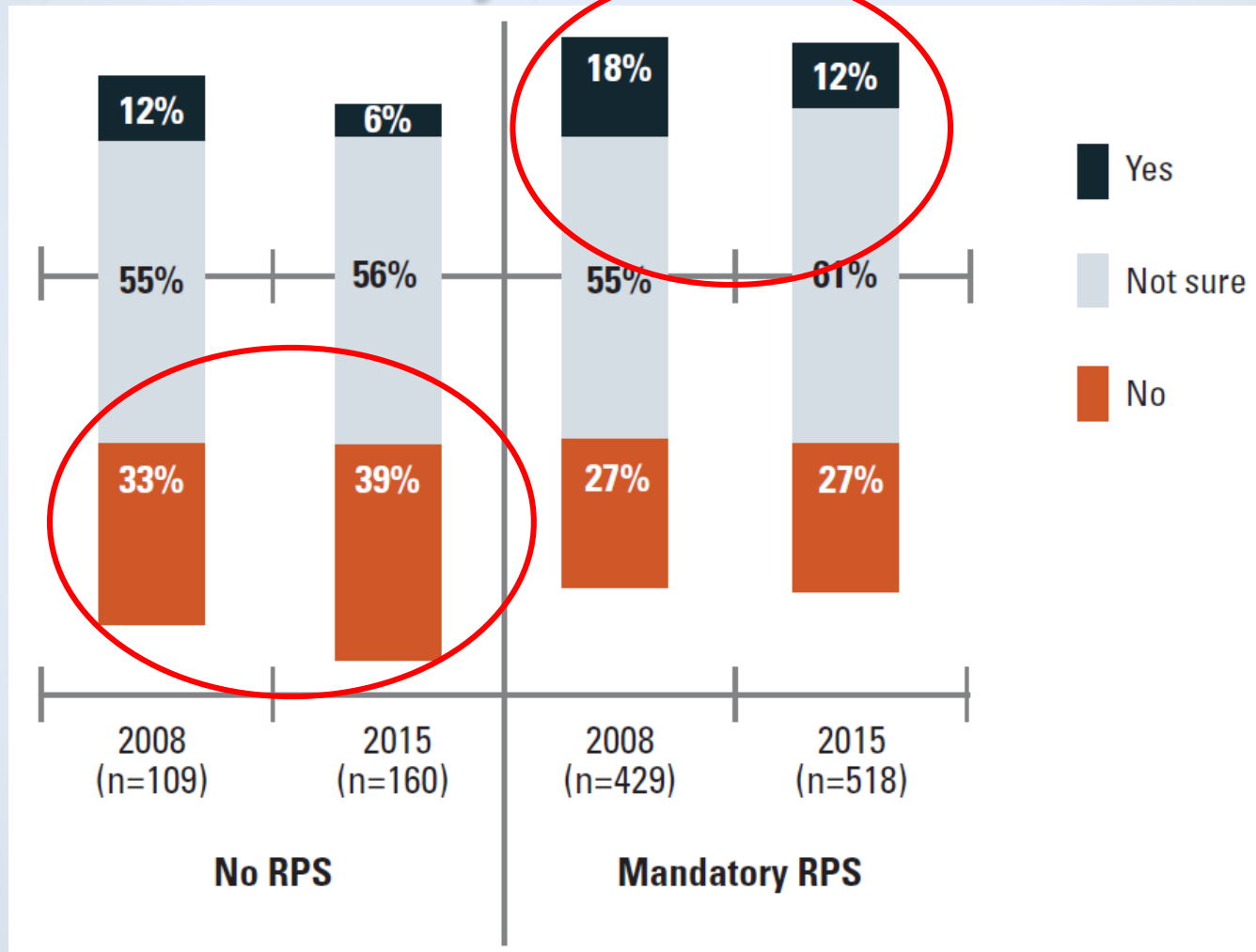
Net support for RPS even among climate skeptics



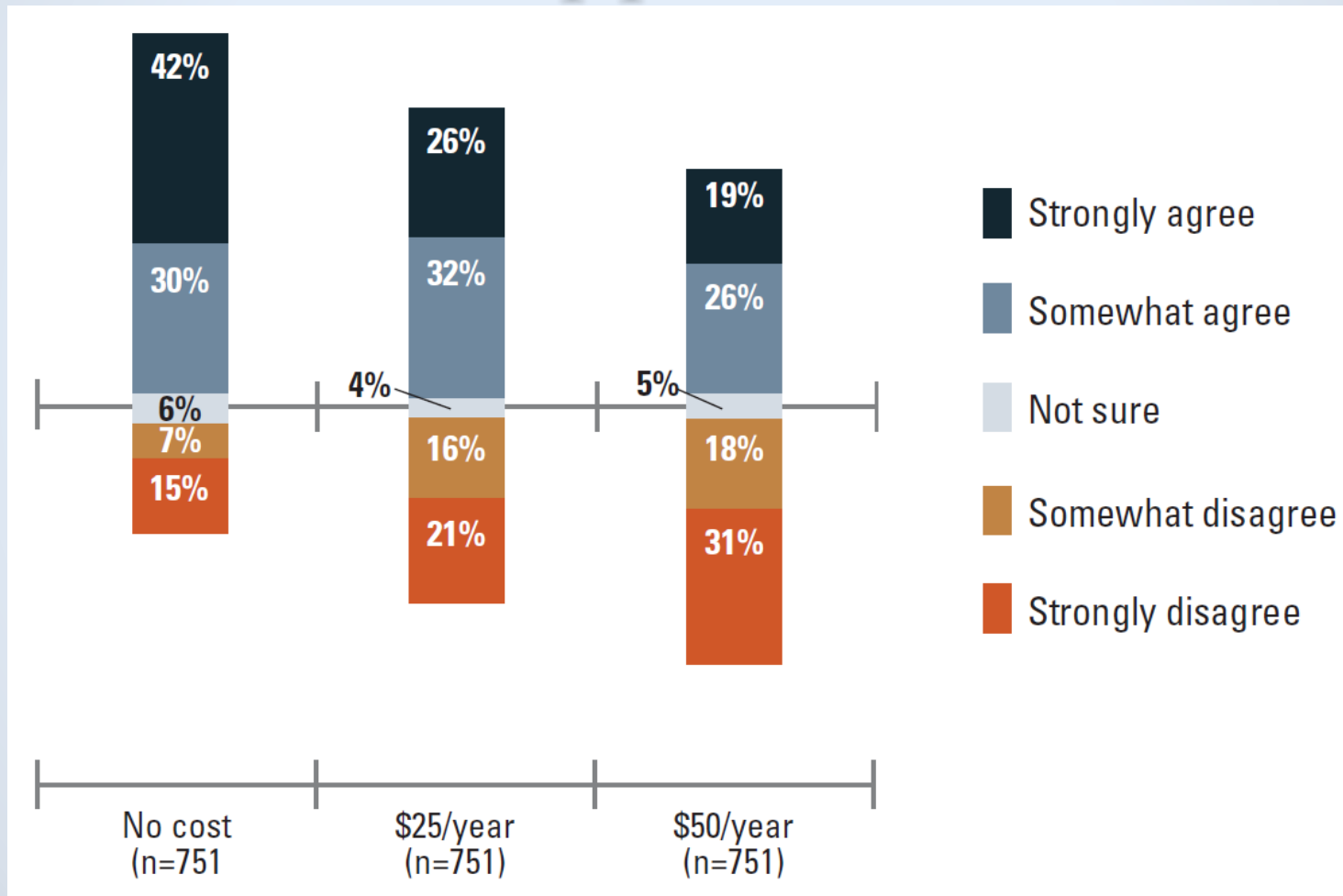
No difference in net support based on RPS status



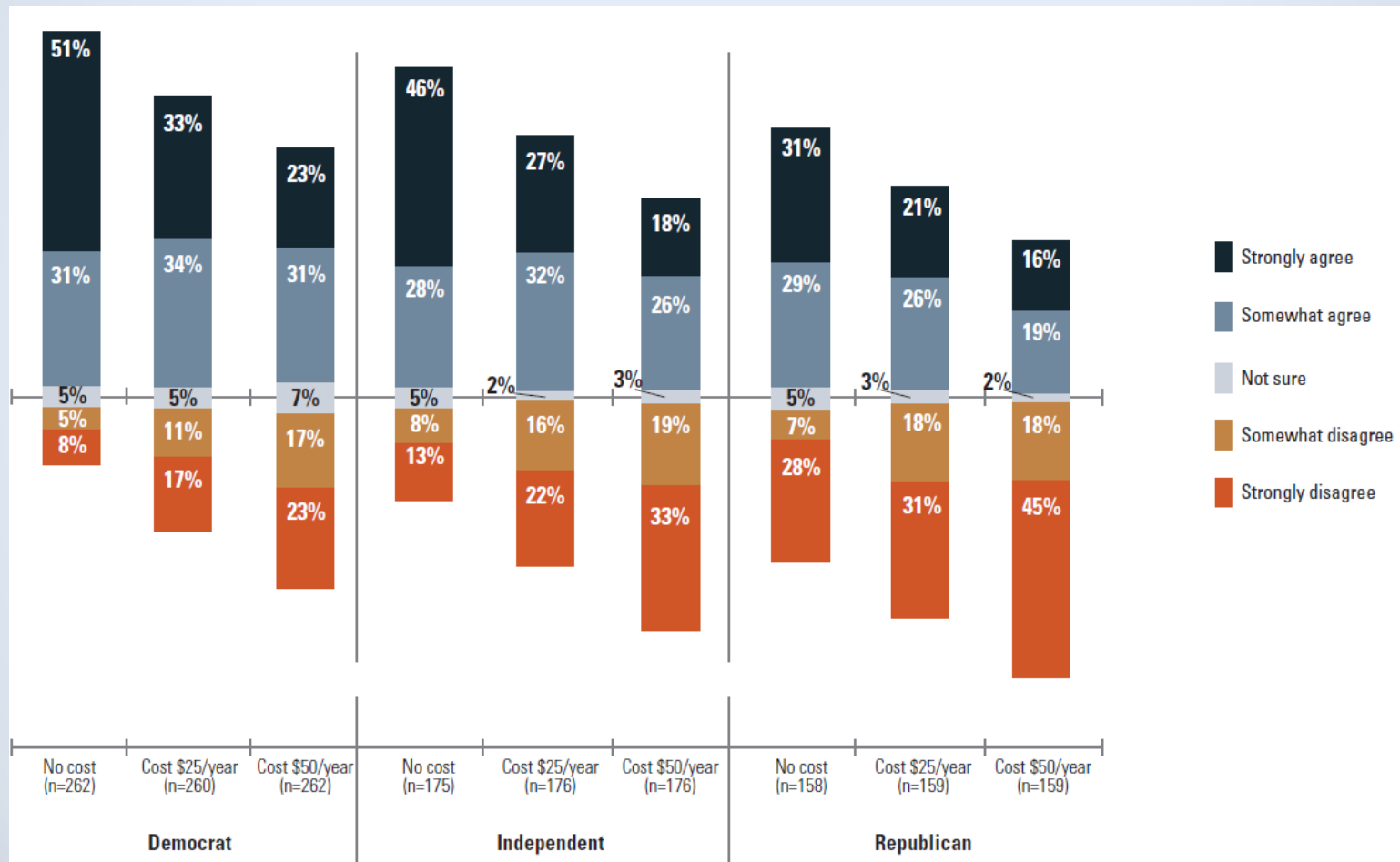
Most don't know if state has RPS; more (incorrectly) think don't have RPS



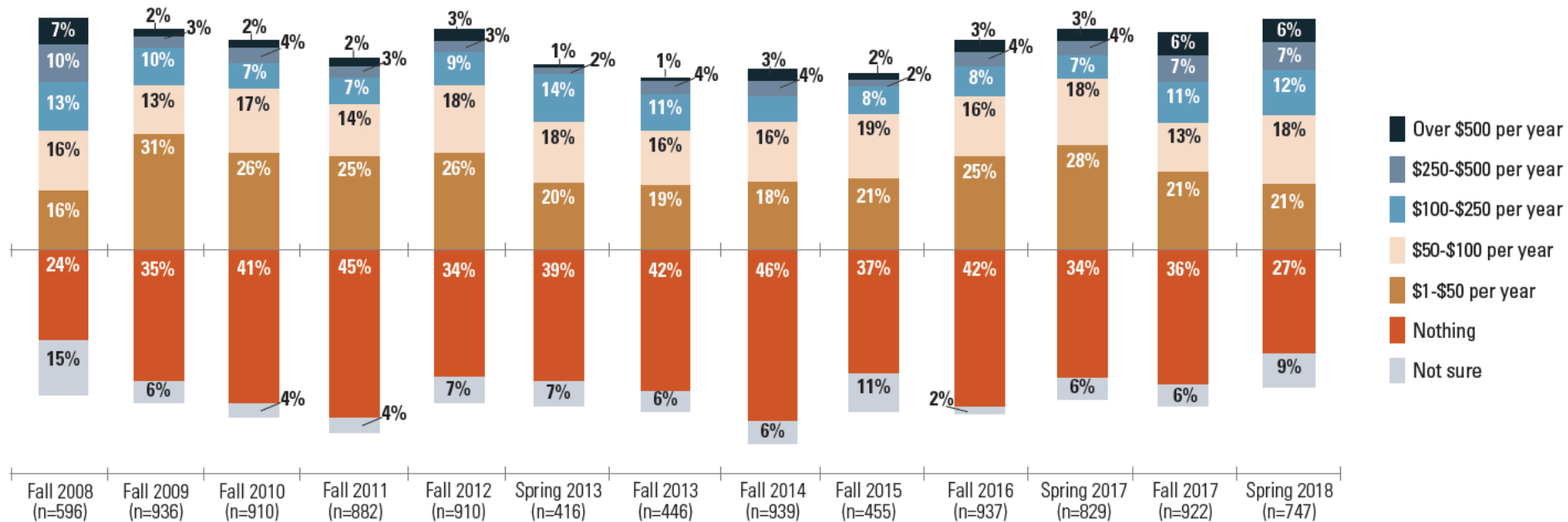
Support for RPS drops once price applied



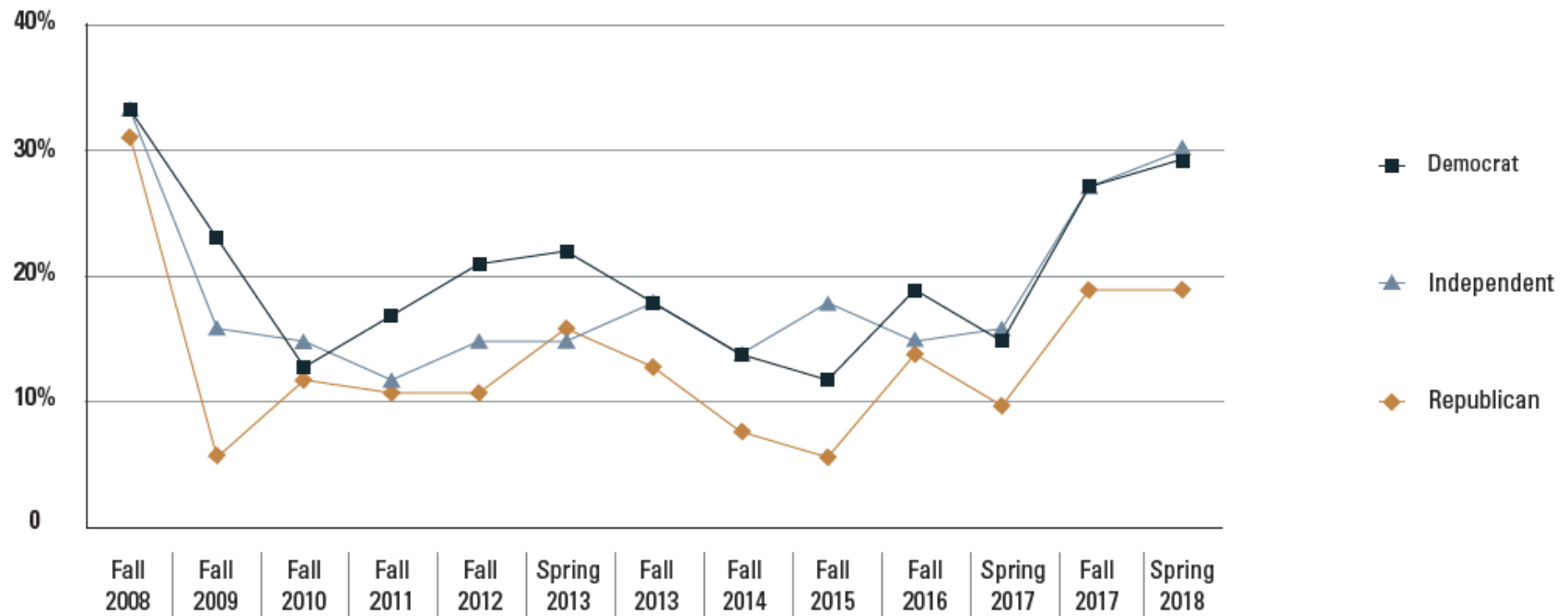
Drop in support once cost applied happens across political spectrum



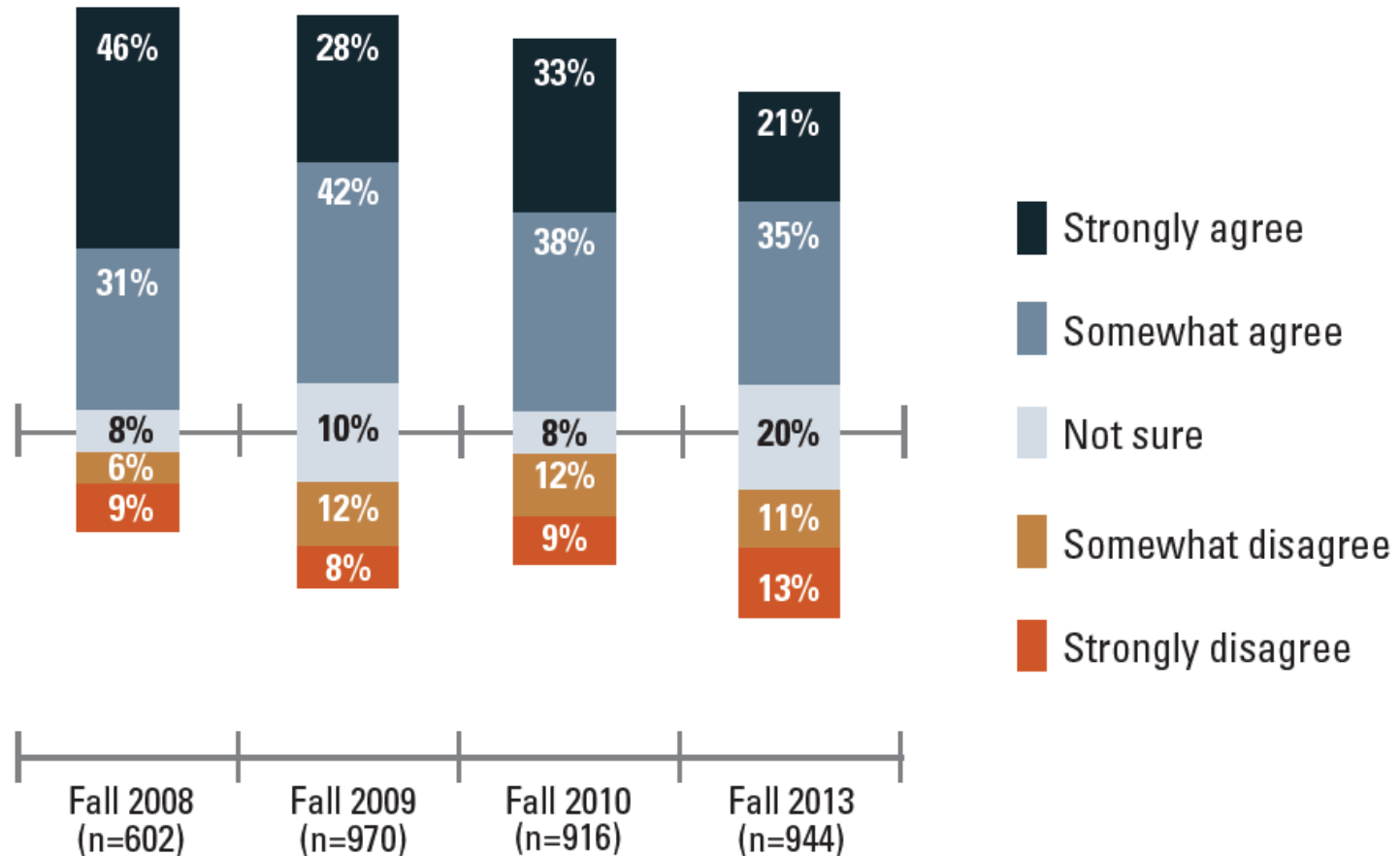
Most willing to pay something more for renewable energy; growing portion say >\$50/year



Democrats & Independents more willing to pay a premium (at least \$100 per year)

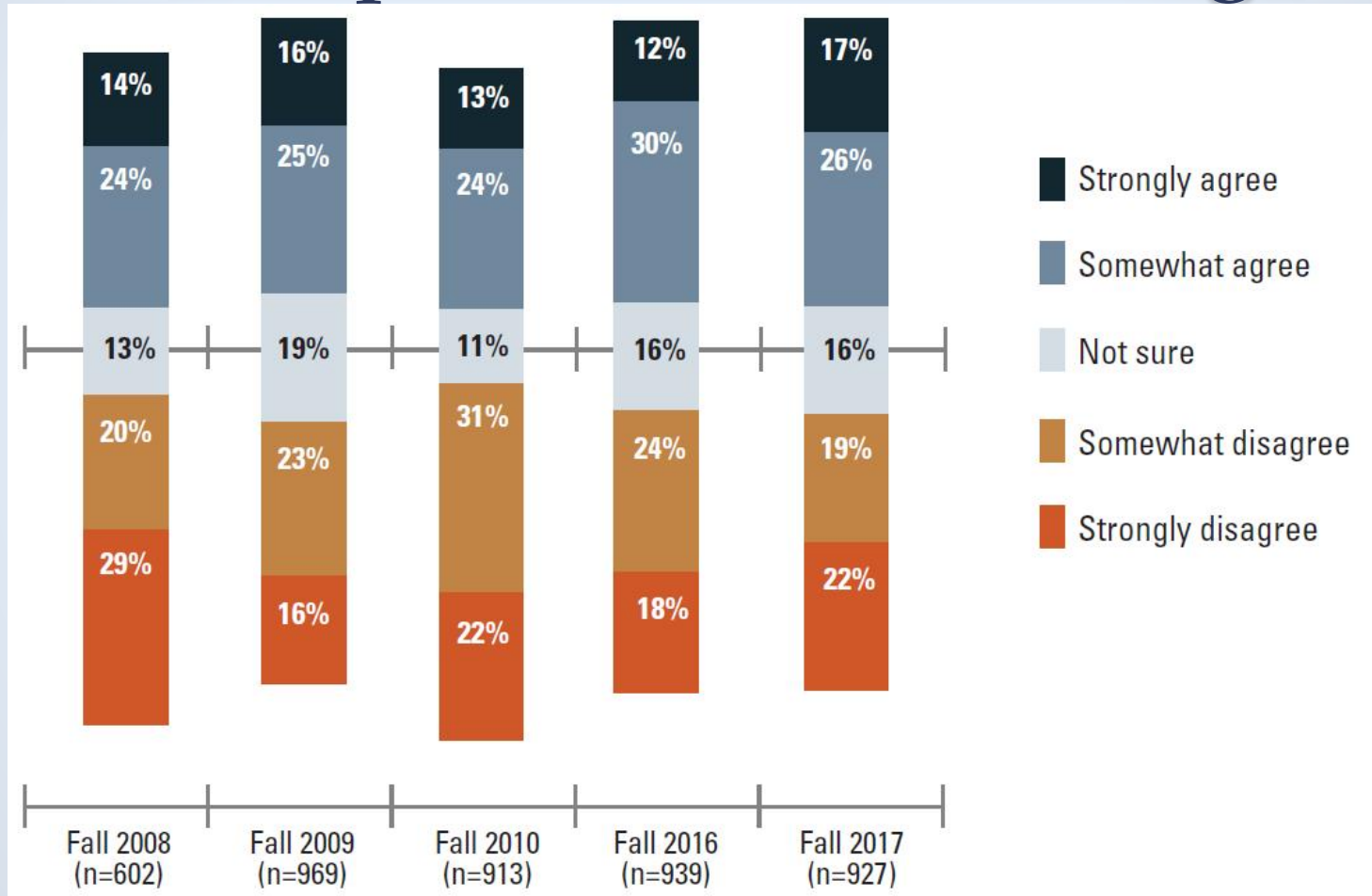


Most think RPS will boost state economies



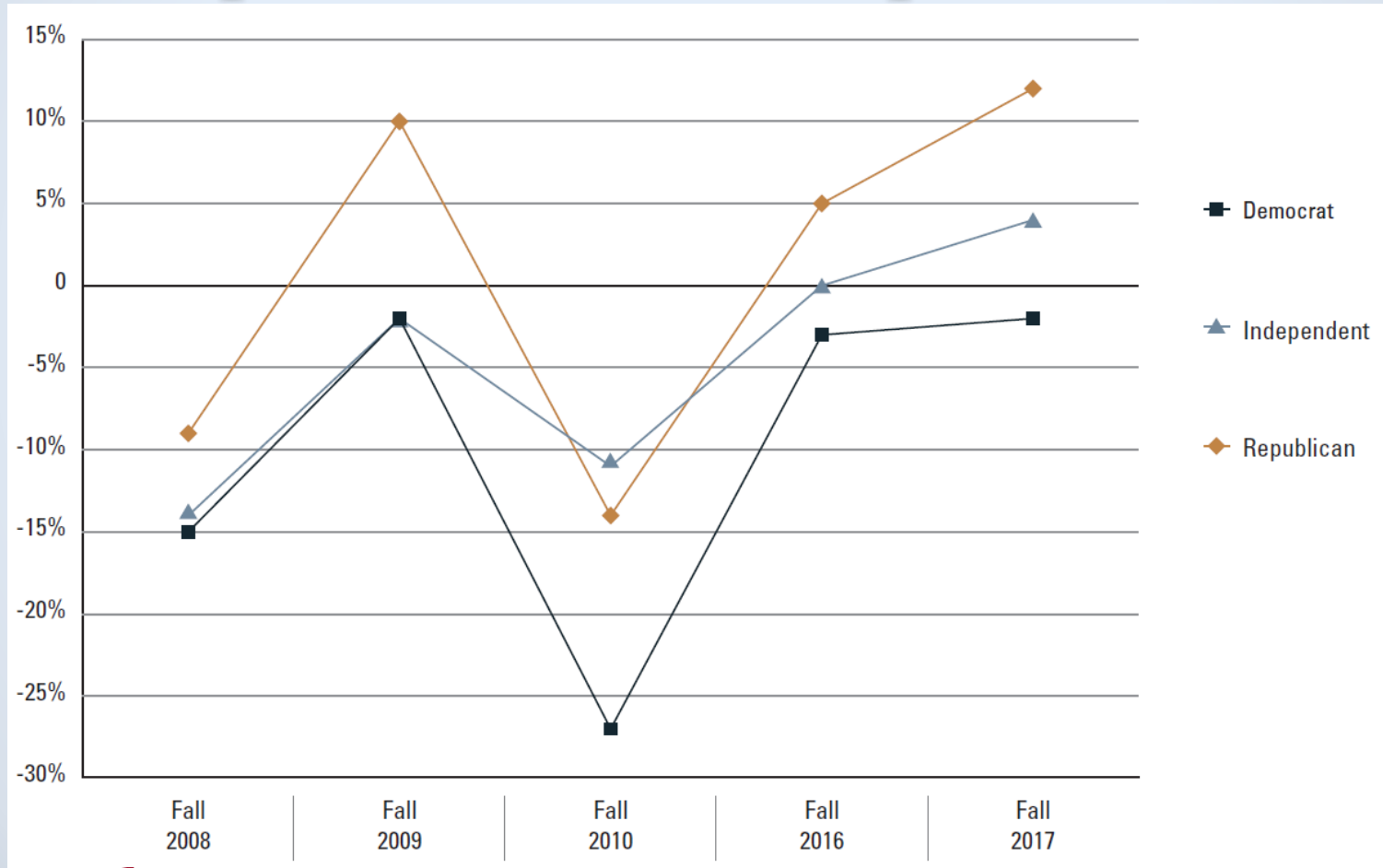
Question Text: "State governments will boost their economies by requiring greater use of renewable energy."

But RPS *leadership* increasingly seen as competitive disadvantage

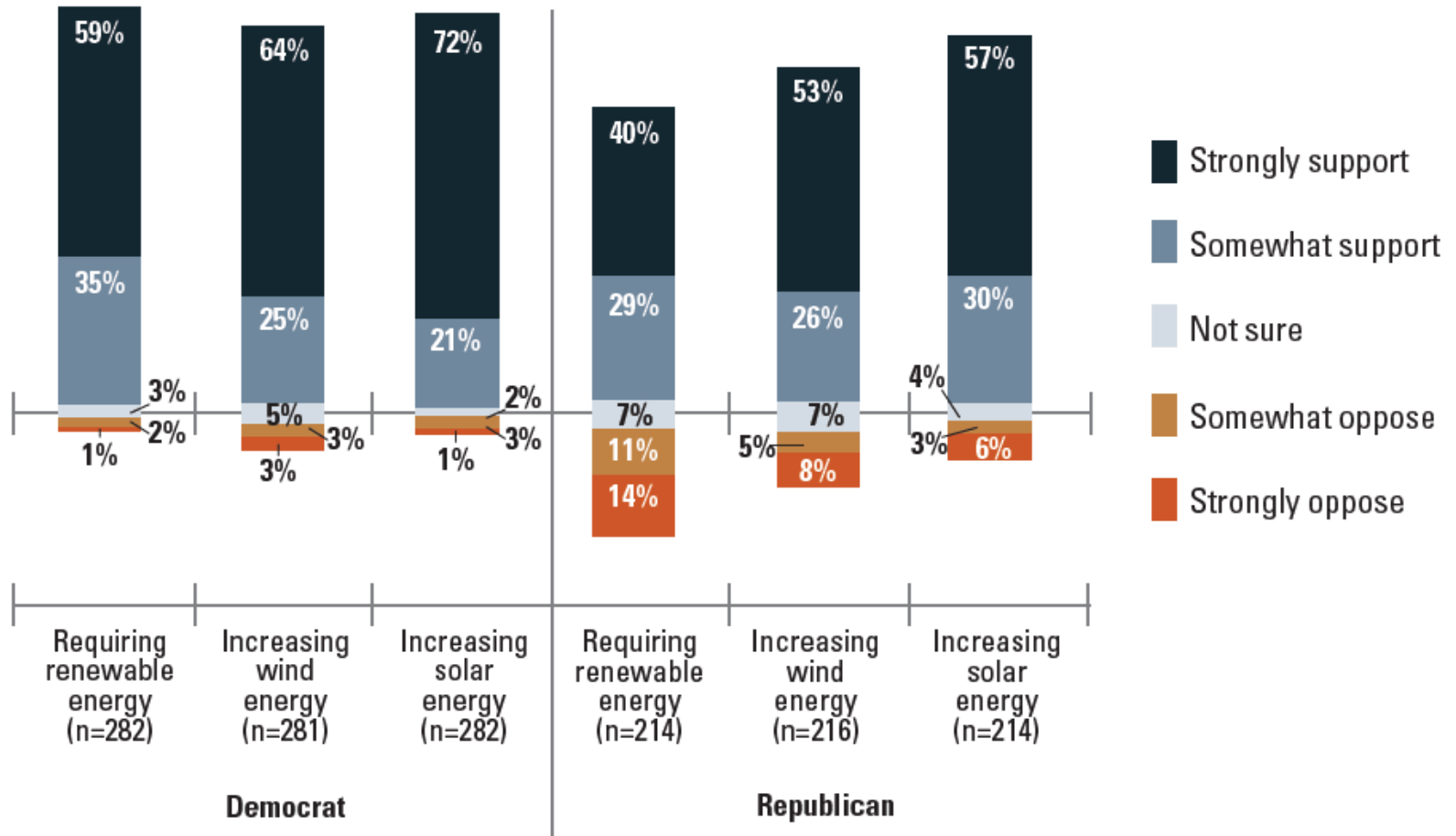


Question Text: "My state's economy will be damaged if it requires greater use of RE while neighboring states don't."

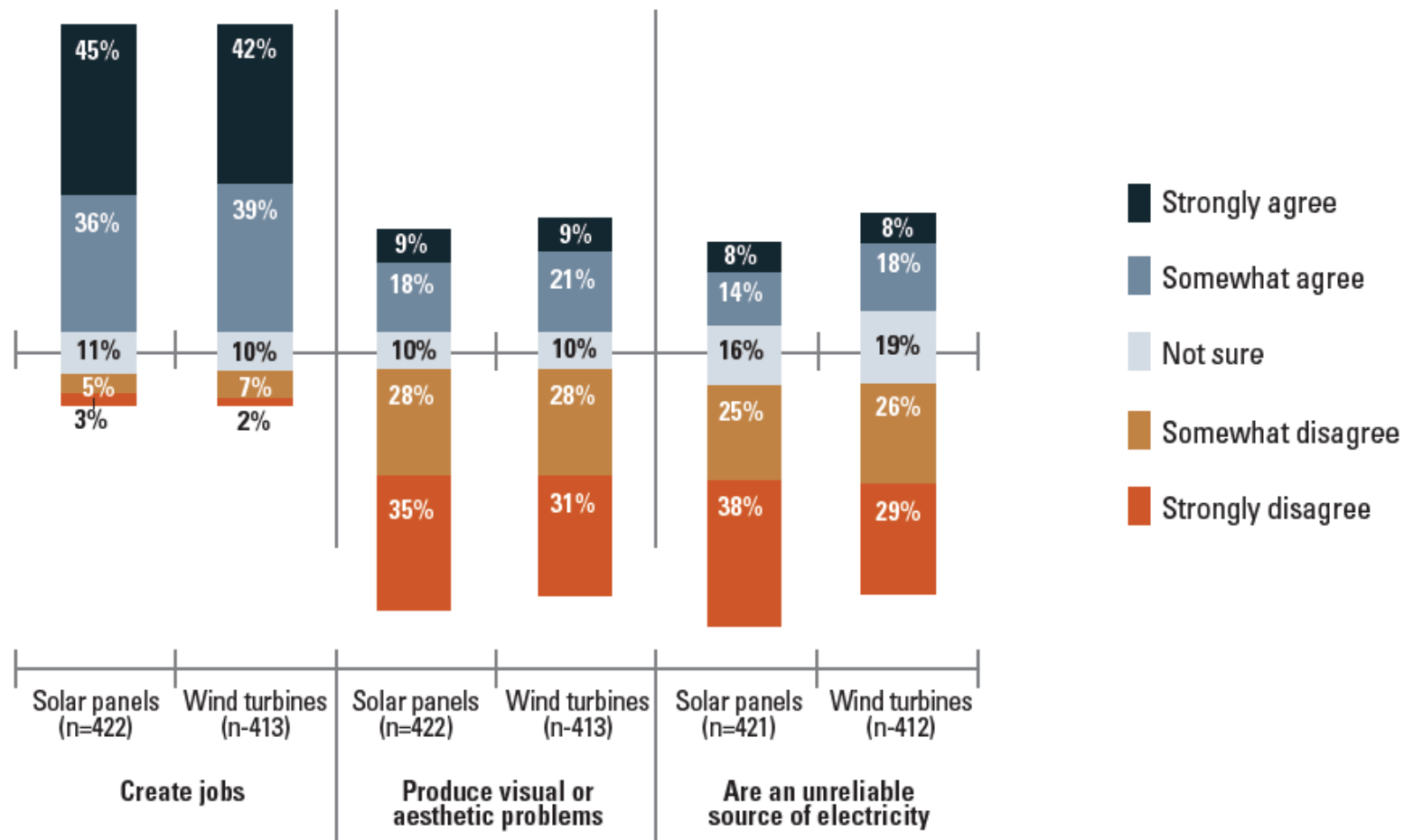
Net agreement that RPS causes competitive disadvantage among Republicans, Independents



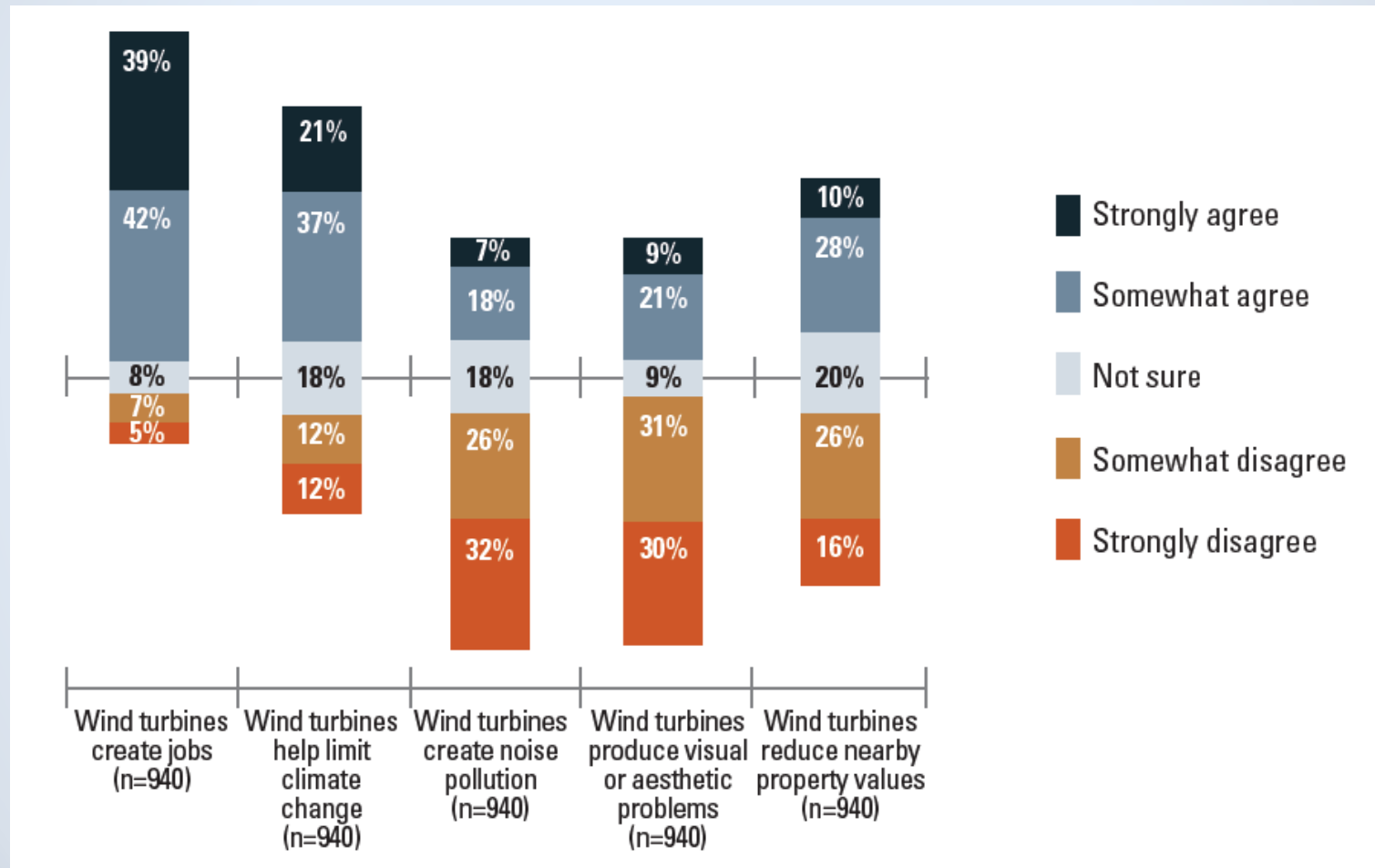
Apart from mandates, wide support for increasing wind, solar



Solar seen as more reliable than wind



Wind seen as job-creator more than climate solution

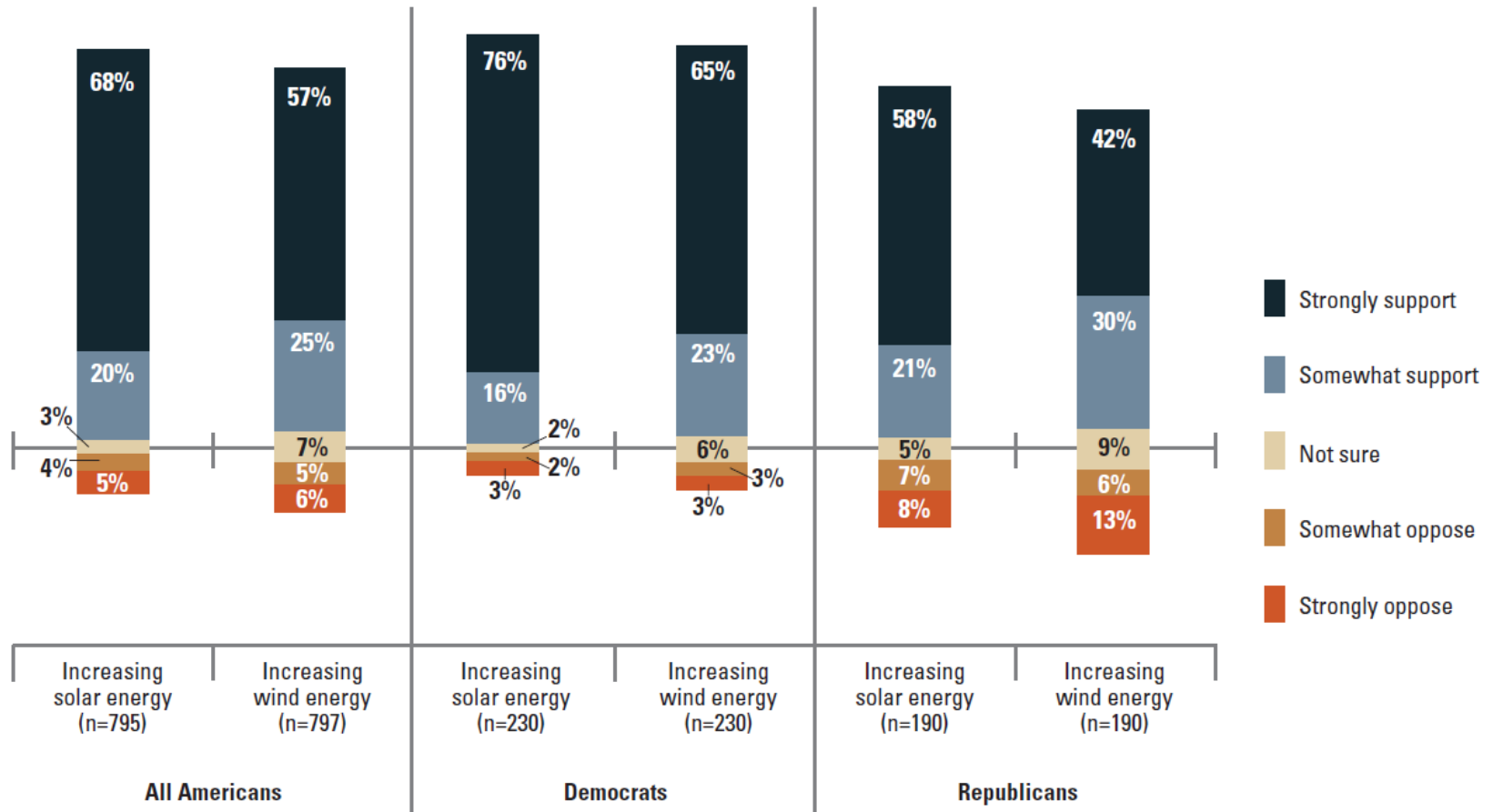


Summary

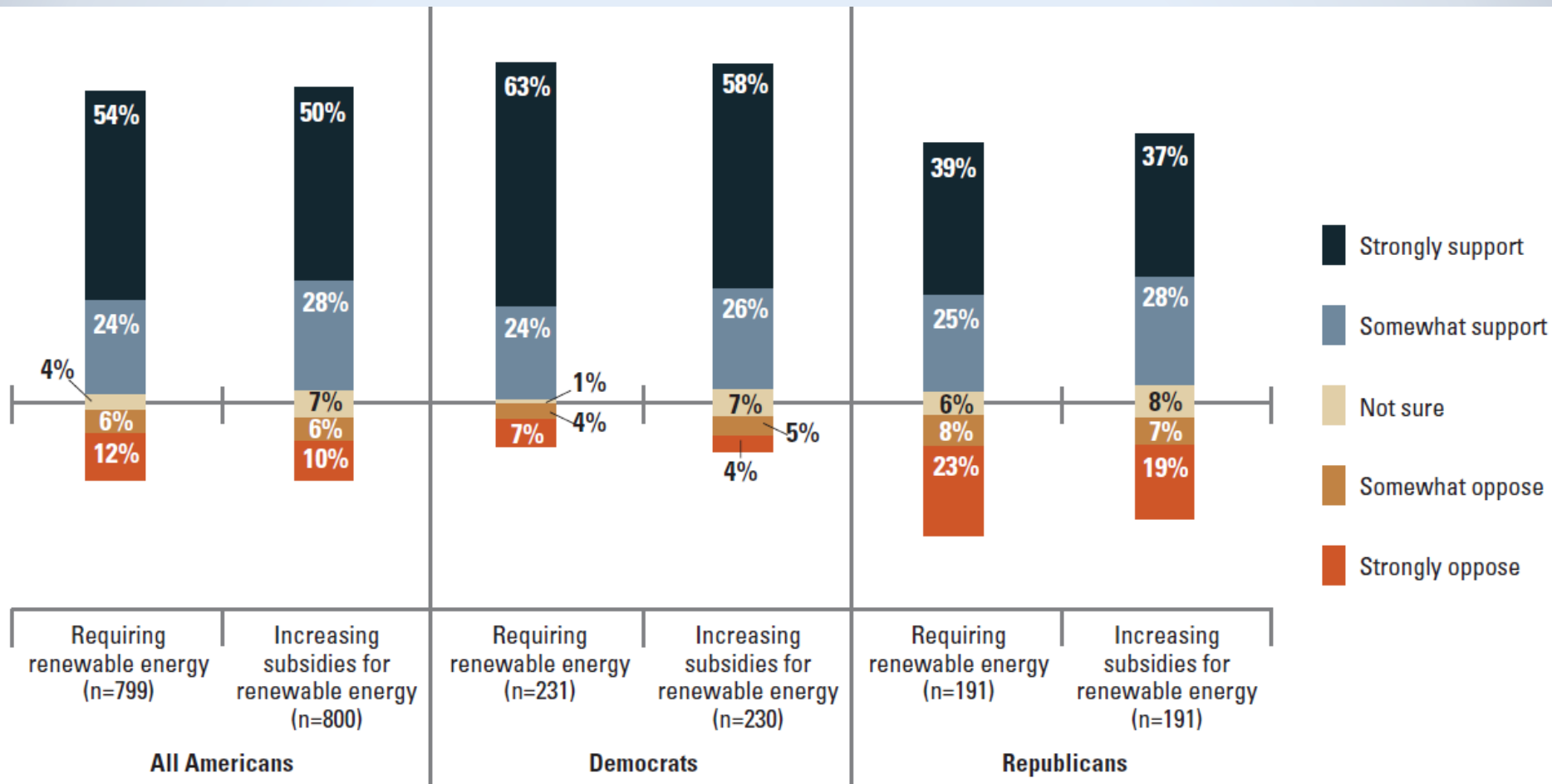
- Wide support for renewables, slightly less for RPS (“mandate”)
- Most don’t follow RPS policy closely
- Most willing to pay modest amount for more renewables; growing portion willing to pay much more
- Wide support likely due to non-climate benefits (e.g., job creation)
 - But mandates not necessarily seen as competitive advantage

Latest findings from Fall 2018 ...

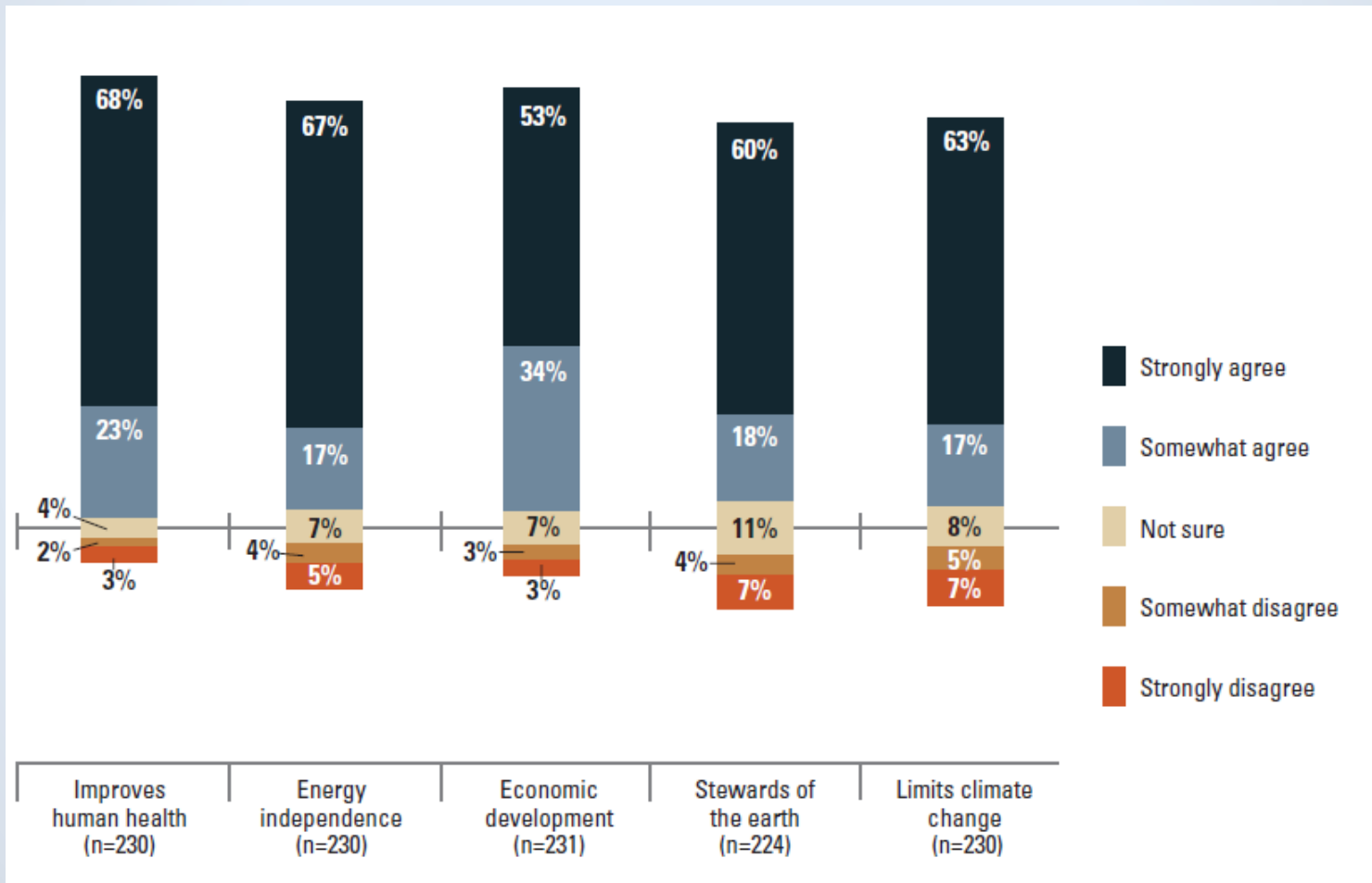
Large majorities of Americans of both parties support increasing the use of solar and wind energy in their state.



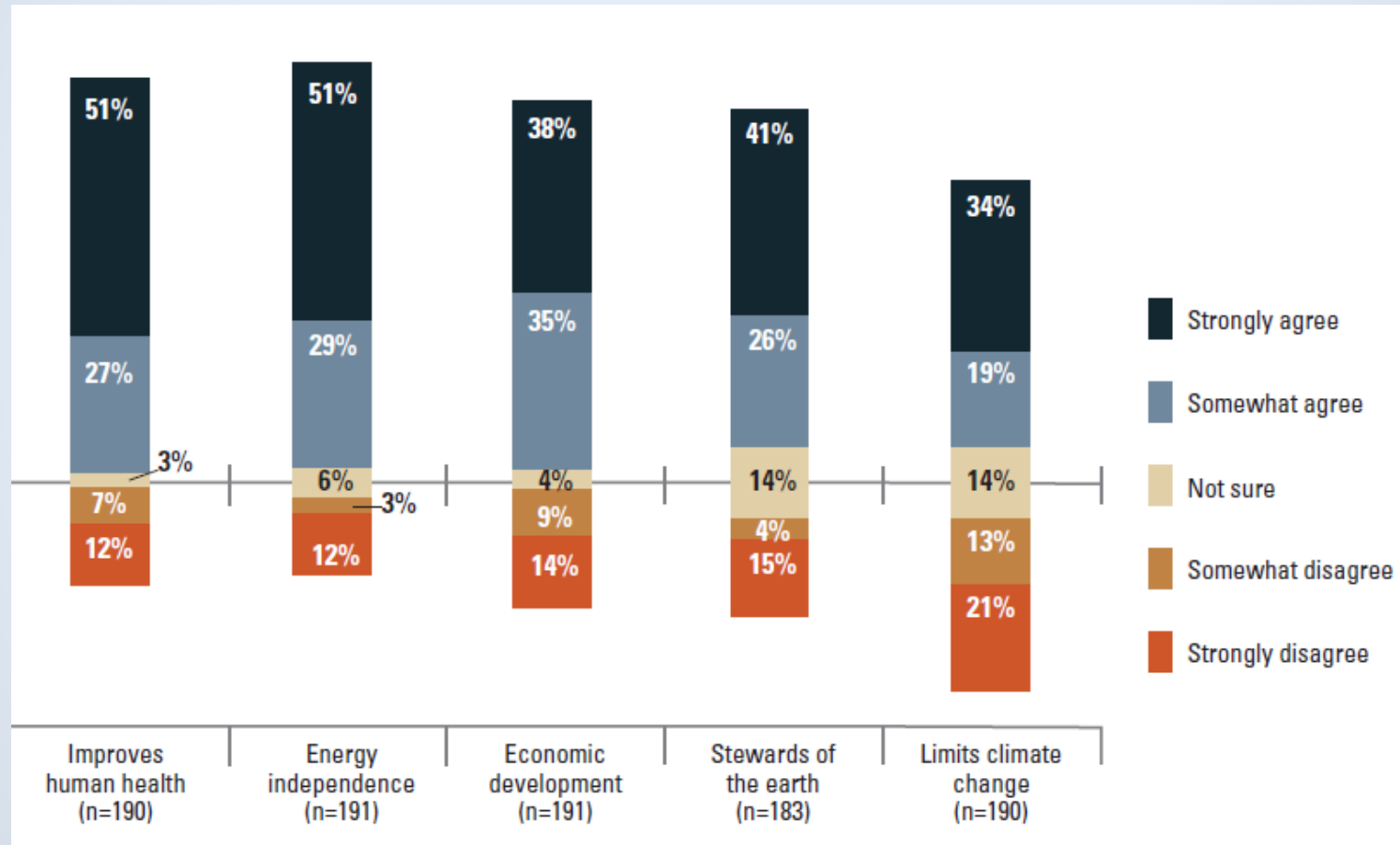
The gap between Democrats and Republicans is larger on state policies mandating or subsidizing renewable energy.



Democrats most likely to point to economic development, human health benefits of renewable energy.



Republicans point to energy independence, health benefits; not so much climate.



What Else Are We Working On?

- NSEE reports on carbon pricing, geoengineering
- How other state policies facilitate/hinder renewable energy ([Renewable Energy Policy Initiative](#))
 - Property taxation
 - Siting authority
 - Farmland preservation
 - Equity within RPS, solar policies
- How renewables impact host communities; how local governments plan for energy infrastructure

Thank you!

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Thank you for attending our webinar

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Visit our website to learn more about the RPS Collaborative
and to sign up for our e-newsletter:

www.cesa.org/projects/renewable-portfolio-standards

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The Real Estate Industry and Selling Homes with Solar

Tuesday, December 11, 1-2pm ET

Oregon's New Energy Storage Project for Resiliency and Cost Savings

Tuesday, December 18, 2-3pm ET

Read more and register at: www.cesa.org/webinars