

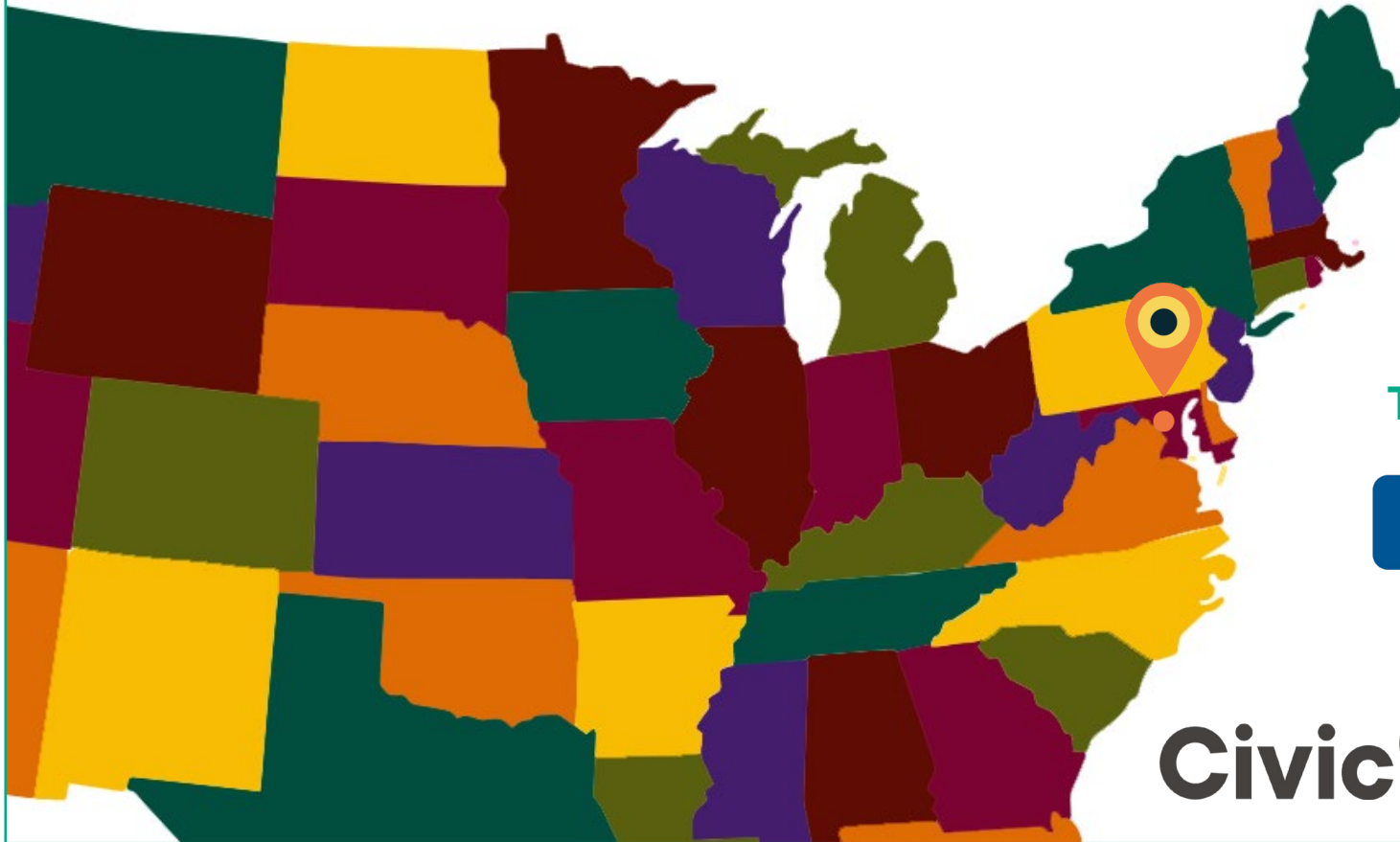


PROGRAM FOR PUBLIC CONSULTATION
SCHOOL OF PUBLIC POLICY, UNIVERSITY OF MARYLAND

SURVEY ON ENERGY & THE ENVIRONMENT

Maryland's 8th Congressional District

April 7, 2022



Together With:



CivicGenius

Methodology

Fielded by:	Precision Sample
Field Dates:	February 22 – March 30, 2022
Sample Size:	518 Adult Residents of Maryland's 8 th Congressional District
Margin of Error:	+/- 4.3%

Overview of Topics

- **Assessing Priorities:**
Reducing Air Pollution / Greenhouse Gases
- **Carbon Fee & Rebate**
- **Transition Assistance for Coal Workers**
- **Green Banks**
- **Tax Credits**
- **Energy Efficiency Standards:**
Cars / Trucks / Power Companies

ASSESSING PRIORITIES

Reducing Air Pollution

Reducing Air Pollution

ARGUMENT: HIGH PRIORITY

- People suffering from negative health effects of poor air quality
- Tens of thousands of deaths / year
- Good ROI re: health costs / productivity

CONVINCING

MD-8 Overall

82

Republican

64

Democrat

91

ARGUMENT: LOW PRIORITY

- Many regulations already in place
- Air pollution already reduced
- Cost a lot, hurts economy
- Costs jobs

CONVINCING

MD-8 Overall

57

Republican

74

Democrat

46

Reducing Air Pollution

PRIORITY

How high a priority should it be for the government to work to reduce the air pollution that has negative effects on health?



MD-8 Overall

Very / Somewhat
High Priority

Low / Not at All
a Priority

84

15

Republican

66

35

Democrat

94

5



US Overall

Very / Somewhat
High Priority

Low / Not at All
a Priority

78

21

Republican

54

46

Democrat

98

2

ASSESSING PRIORITIES

Reducing Greenhouse Gases

Reducing Greenhouse Gases

ARGUMENT: HIGH PRIORITY

- Most climate scientists agree GHGs pose major threats
- Must act now to prevent costly damage

CONVINCING

MD-8 Overall

89

Republican

79

Democrat

97

ARGUMENT: LOW PRIORITY

- Some scientists disagree
- More research needed before major changes are made which may hurt the economy

CONVINCING

MD-8 Overall

59

Republican

80

Democrat

48

Reducing Greenhouse Gases

ARGUMENT: HIGH PRIORITY

- Cleaner air brings down health costs
- Clean energy has created more jobs than fossil fuel
- World is moving to cleaner energy and the US should be ahead

CONVINCING

MD-8 Overall

83

Republican

68

Democrat

95

ARGUMENT: LOW PRIORITY

- Will expand role of government
- New regulations will stifle growth
- If people want to reduce GHGs they can change own behavior or use purchasing power

CONVINCING

MD-8 Overall

54

Republican

78

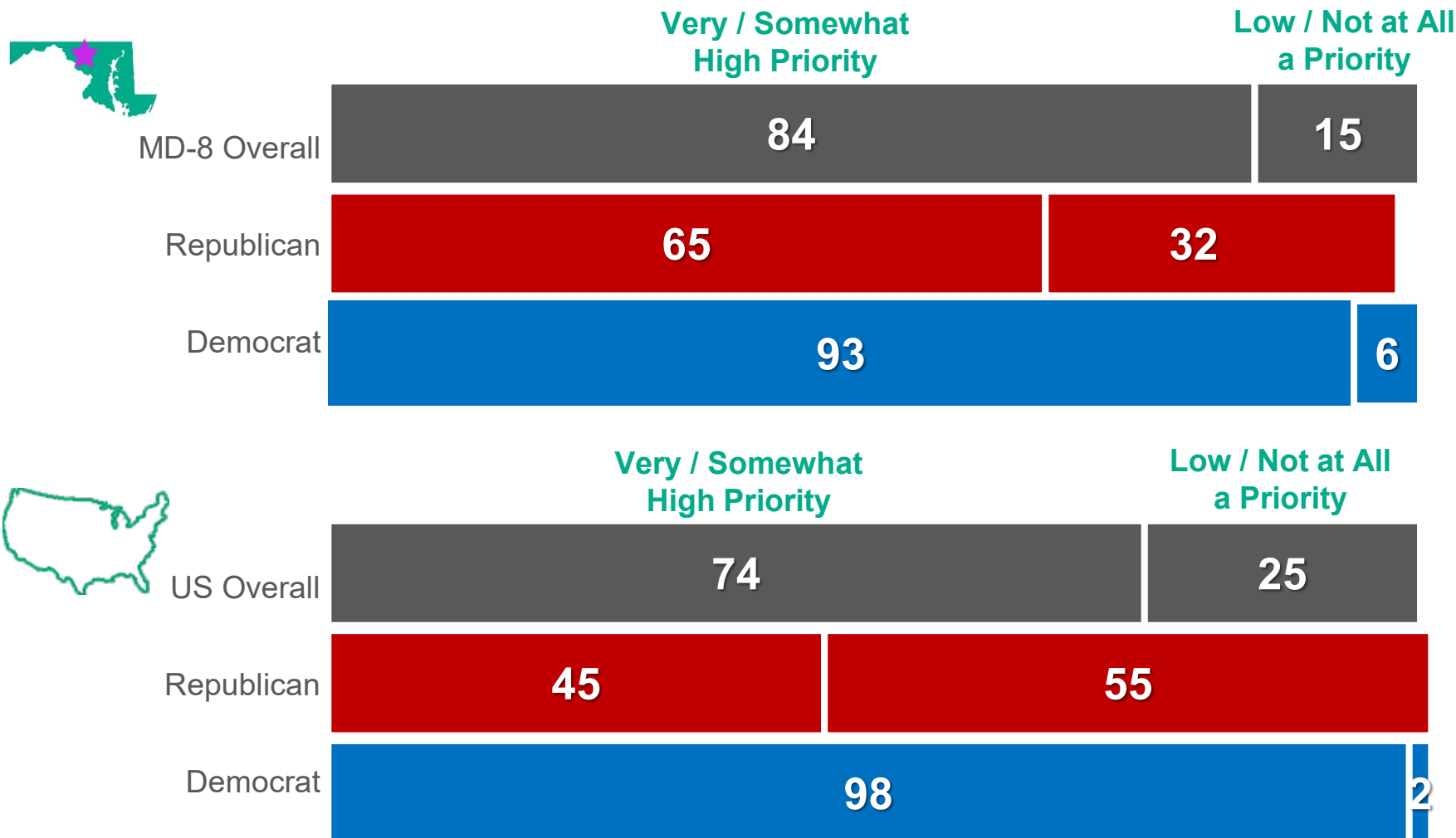
Democrat

44

Reducing Greenhouse Gases

PRIORITY

How high a priority should it be for the government to work to further reduce greenhouse gases, especially carbon dioxide?



CARBON FEE & REBATE PLAN

- Impose \$35 fee/ton of CO² and other GHGs on fossil fuel production
 - Fee will **encourage companies to shift to clean energy alternatives**
 - Assume many costs will be passed to consumers:
 - **Electricity** for average home: up about **\$12/month**
 - **Gasoline:** up about **31 cents/gallon**
 - **Heating** average home with **natural gas:** up about **\$10/month**
- Impacted businesses may also pass their increased costs to consumers

Rebate from Fee

PLAN

All money raised from fee would be distributed to **all citizens equally**

- **Each person:** monthly check of about \$37.50 (\$450/year)
- **Parents** would get about \$225/year **per child**
- For most, rebate would **exceed increased costs** due to carbon fee

- Utility companies would shift more quickly to clean energy, become more efficient
- Motivate people/businesses to do things like buy electric cars, put solar panels on their roofs, hold video meetings rather than flying

Carbon Fee & Rebate

ARGUMENT IN FAVOR

- Reducing GHGs important for health and environment
- Experts agree: carbon fee is best solution

CONVINCING

MD-8 Overall

83

Republican

77

Democrat

88

ARGUMENT AGAINST

- Coal and oil will become too costly; some companies will go bankrupt
- Unfair to coal workers and their communities who will suffer

CONVINCING

MD-8 Overall

60

Republican

77

Democrat

51

Carbon Fee & Rebate

ARGUMENT IN FAVOR

- Demand for clean energy and energy-saving tech will grow
- Will create new high paying jobs

CONVINCING

MD-8 Overall

80

Republican

68

Democrat

89

ARGUMENT AGAINST

- US has cut GHGs more than many countries, but global emissions keep growing
- Big reduction effort will be costly and do little good in the big picture

CONVINCING

MD-8 Overall

58

Republican

79

Democrat

50

Carbon Fee & Rebate

ARGUMENT IN FAVOR

- US has large carbon footprint and is a global leader
- If US doesn't take action, it's unlikely others will

CONVINCING

MD-8 Overall

81

Republican

66

Democrat

87

ARGUMENT AGAINST

- Wrong for government to control behavior through taxes
- Those who want to reduce GHGs should buy/make more environmentally friendly products

CONVINCING

MD-8 Overall

55

Republican

73

Democrat

44

Carbon Fee & Rebate

FINAL
RECOMMENDATION

Do you favor or oppose this proposal?

FAVOR



MD-8 Overall

73

Republican

55

Democrat

81

FAVOR



US Overall

62

Republican

32

Democrat

87

TRANSITION ASSISTANCE FOR COAL WORKERS

Transition Assistance for Coal Workers

PROPOSAL

Help coal workers who are losing their jobs.

Workers who lose their jobs would receive:

- extra **unemployment benefits**
- protection of current **health, pension benefits**
- **job training**

Transition Assistance for Coal Workers

ARGUMENT IN FAVOR

- Need to ensure no one gets left behind in transition to clean energy
- Only fair to help those who get hurt

CONVINCING

MD-8 Overall

85

Republican

83

Democrat

88

ARGUMENT AGAINST

- Programs already exist and are prone to corruption
- Getting people into jobs is responsibility of workers / companies

CONVINCING

MD-8 Overall

59

Republican

73

Democrat

54

Transition Assistance for Coal Workers

**FINAL
RECOMMENDATION**

Do you favor or oppose government assistance
to help coal workers who lose their jobs?



MD-8 Overall

FAVOR

84

Republican

75

Democrat

89

GREEN BANKS

Green Banks

PROPOSAL

The Federal government would provide **\$35 billion** to create a **national green bank** to help fund clean energy projects.

Green Banks

ARGUMENT IN FAVOR

- All green banks have been successful and reinvested repaid loans
- Every \$1 invested by a green bank attracts \$3-6 of private investment

CONVINCING

MD-8 Overall

84

Republican

75

Democrat

91

ARGUMENT AGAINST

- Government should not risk investing taxpayer money
- If private market won't loan money for green projects, they may not be a good idea

CONVINCING

MD-8 Overall

58

Republican

78

Democrat

49

Green Banks

FINAL
RECOMMENDATION

Do you favor or oppose this proposal?

FAVOR



MD-8 Overall

76

Republican

57

Democrat

85

FAVOR



US Overall

67

Republican

36

Democrat

92

CLEAN ENERGY TAX CREDITS

Tax Credits

ARGUMENT IN FAVOR

- Clean energy and energy-saving tech isn't being adopted fast enough to address climate change
- Benefits of speeding up clean energy transition outweigh costs of tax credits

CONVINCING

MD-8 Overall

85

Republican

75

Democrat

91

ARGUMENT AGAINST

- Adopting clean energy tech is great but taxpayers shouldn't foot the bill
- Many companies can afford them without tax breaks.

CONVINCING

MD-8 Overall

56

Republican

73

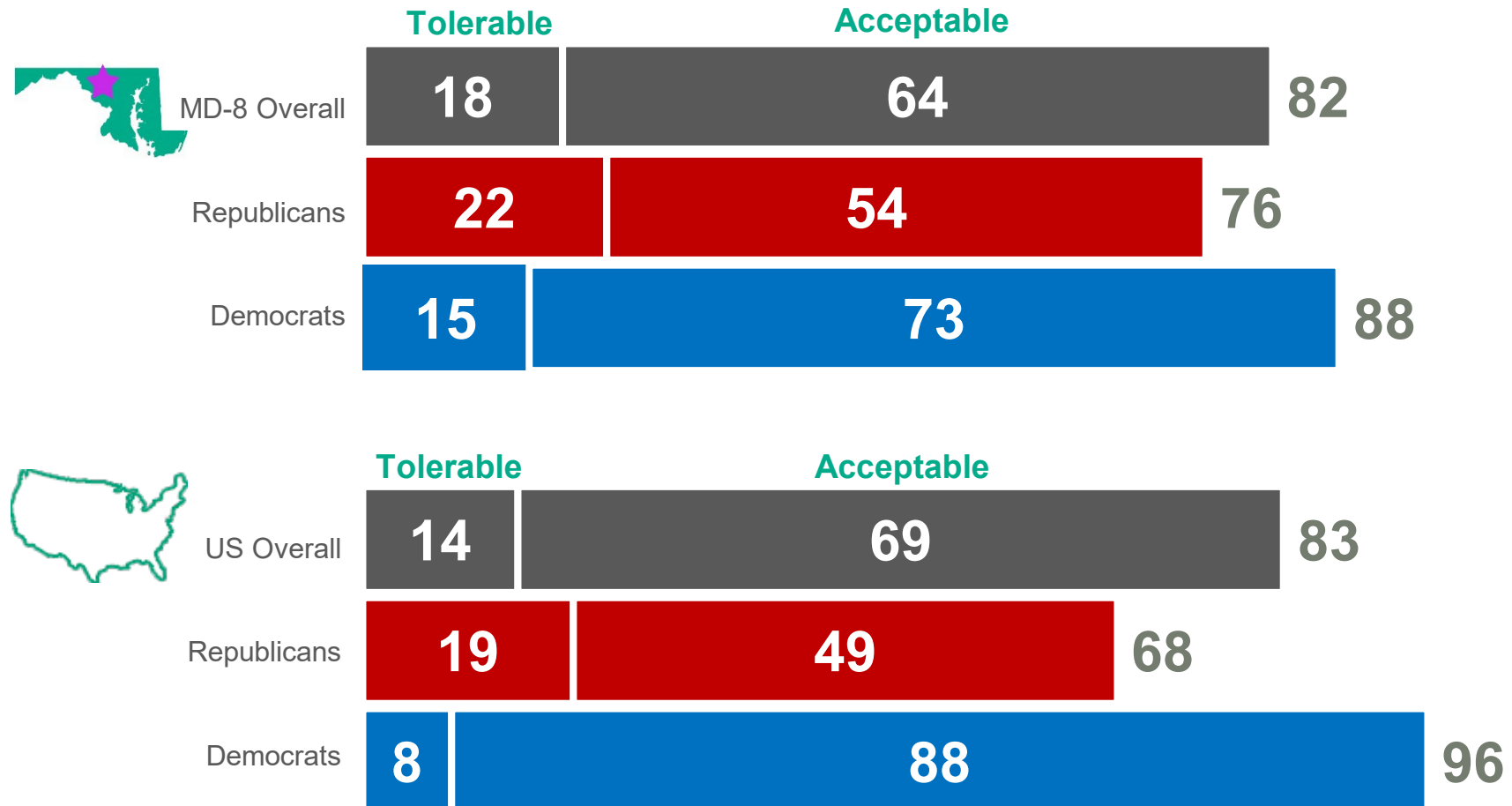
Democrat

51

Tax Credits

ASSESSMENT

How acceptable do you find the idea of providing tax credits to encourage people and companies to adopt clean energy or energy-saving technologies?



Tax Credits

Cost of **equipment that produces clean energy**, such as solar panels or wind turbines, or stores clean energy: **up to 30%**

Amount of **electricity produced with clean energy**: equal to **up to 5-10%** of the average retail cost of electricity

Production of **transportation fuel** that produces **25% fewer emissions** than the current average: up to **\$1 per gallon**

ENERGY COMPANIES

FAVOR

MD-8 Overall

77

Republican

68

Democrat

83

US National

FAVOR

MD-8 Overall

77

Republican

77

Democrat

83

US National

76

FAVOR

MD-8 Overall

66

Republican

66

Democrat

65

US National

62

Tax Credits

RESIDENTIAL BUILDINGS

Building a **new energy-efficient home** or residential building: **up to \$3,000**

Making **energy-saving improvements** such as fuel-efficient lighting, doors, windows, or insulation: **up to \$6,500**

Installing a **new energy-efficient heating or air conditioning** system: **up to \$1,500**

FAVOR

MD-8 Overall

79

Republican

70

Democrat

85

US National

79

FAVOR

MD-8 Overall

78

Republican

70

Democrat

83

US National

78

FAVOR

MD-8 Overall

80

Republican

75

Democrat

83

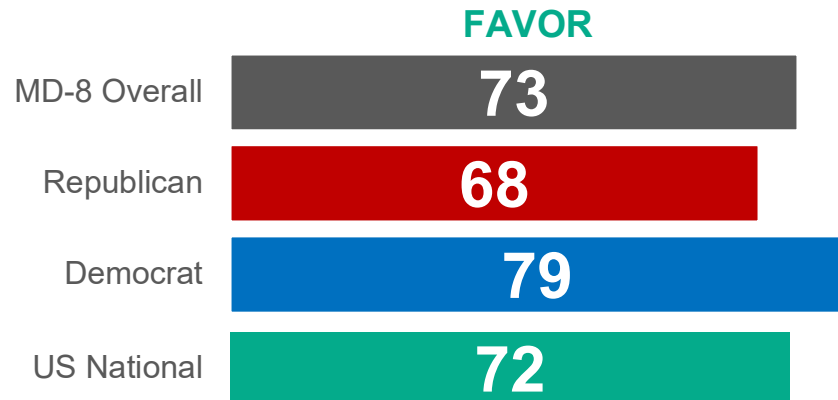
US National

84

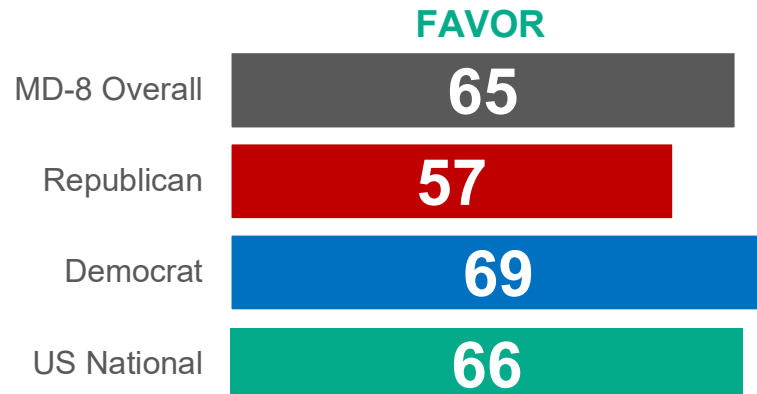
Tax Credits

COMMERCIAL BUILDINGS

Building **new energy-efficient commercial buildings**:
up to \$4.75 per square foot



Making **energy-saving improvements to commercial buildings** that reduce energy:
up to \$9.25 per square foot



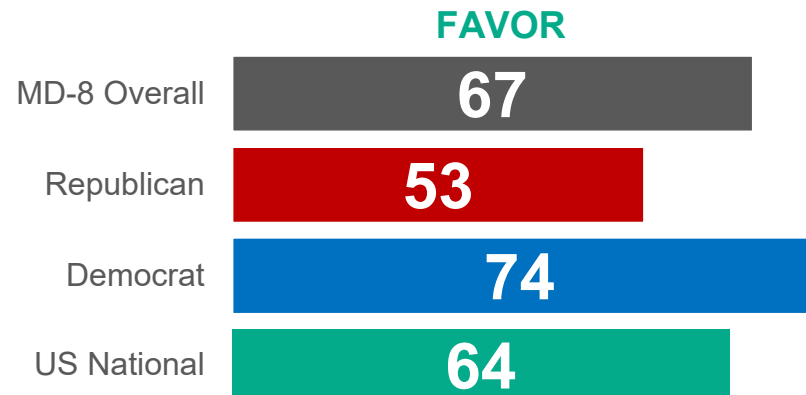
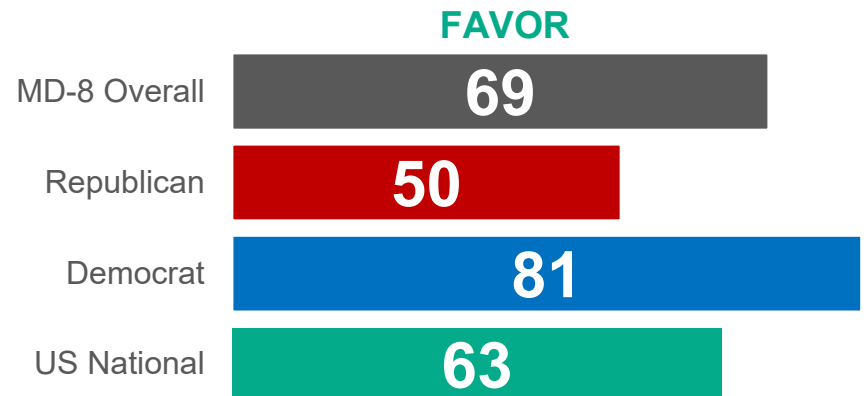
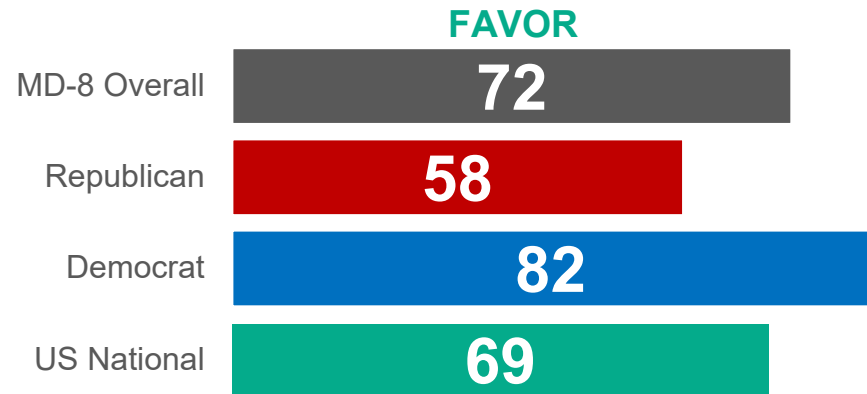
Tax Credits

ELECTRIC VEHICLES

Manufacturers of fully electric buses: a tax credit for the **sale price of each bus** sold: **equal to 10%**

For purchasing a **new electric car**: a tax credit of **\$7,500**

For people earning \$30,000 or less purchasing a **used electric car**: a tax credit of **\$5,000**

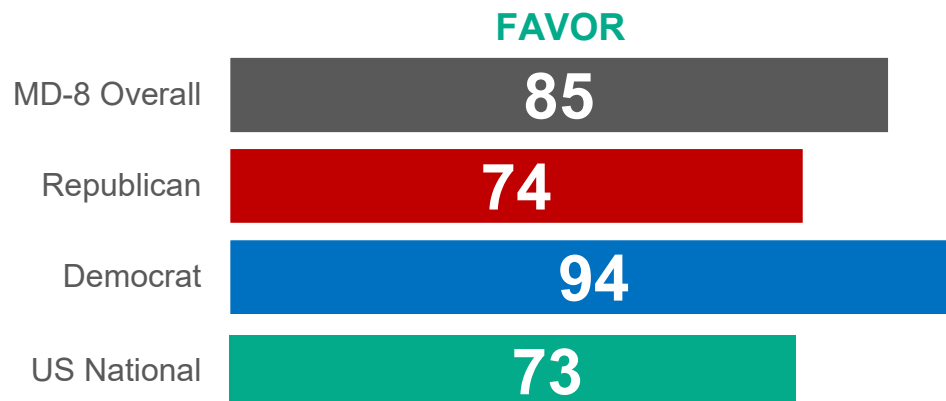
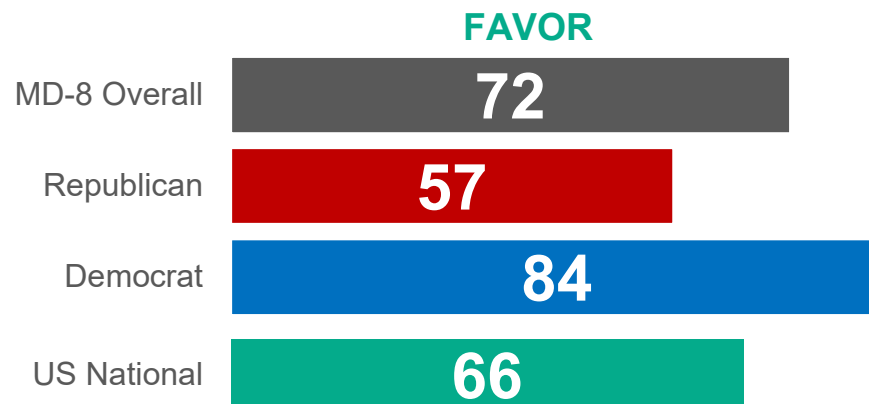


Tax Credits

CHARGING STATIONS

The cost of **installing a charging station** for electric vehicles that can be used by anyone: **up to 75%**

*The cost of **installing a charging station** for electric vehicles that can be used by anyone: **up to 50%**



*Asked of those that OPPOSE a tax credit of up to 75% of the cost of installing a charging station that can be used by anyone.

ENERGY EFFICIENCY STANDARDS

Energy Efficiency Standards

ARGUMENT IN FAVOR

- Businesses won't make necessary changes on their own
- Higher standards are fair because businesses and consumers bear costs equally

CONVINCING

MD-8 Overall

81

Republican

67

Democrat

88

ARGUMENT AGAINST

- Regulations create more bureaucracies and restrict consumer choice
- Better to let the market guide the process

CONVINCING

MD-8 Overall

58

Republican

75

Democrat

53

Fuel Efficiency of Cars & Light Trucks

PROPOSAL

By 2027, require newly built cars and light trucks to get **20-30% more MPG**

- Would ultimately **increase cost of vehicle**
- Owner would **save an estimated \$1,000** over the car's lifetime

Higher Efficiency Standards for New Cars and Light Trucks

FINAL
RECOMMENDATION

Do you favor or oppose this proposal?



MD-8 Overall

FAVOR

78

Republican

68

Democrat

86

Electric Companies: Minimum Renewable Requirement

PROPOSAL

Require electric companies to have a **minimum portion of their electricity come from renewable sources** that produce little or no air pollution or GHGs, such as solar, wind, or biogas.

Electric Companies: Minimum Renewable Requirement

**FINAL
RECOMMENDATION**

Do you favor or oppose this proposal?

FAVOR



MD-8 Overall

78

Republican

60

Democrat

90

FAVOR



US Overall

74

Republican

56

Democrat

89



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