**INTRODUCTION & METHODOLOGY**

From August 9-17, 2021, the Oregon Values and Beliefs Center conducted a statewide survey of Oregonians’ values and beliefs.

**Research Methodology**: The online survey consisted of 1,154 Oregon residents ages 18+ and took approximately 15 minutes to complete. This is a sufficient sample size to assess Oregonians’ opinions generally and to review findings by multiple subgroups.

Respondents were contacted by using professionally maintained online panels. In gathering responses, a variety of quality control measures were employed, including questionnaire pre-testing, validation, and real time monitoring of responses. To ensure a representative sample, demographic quotas were set, and data weighted by area of the state, gender, age, and education.

**Statement of Limitations:** Any sampling of opinions or attitudes is subject to a margin of error. The margin of error is a standard statistical calculation that represents differences between the sample and total population at a confidence interval, or probability, calculated to be 95%. This means that there is a 95% probability that the sample taken for this study would fall within the stated margin of error if compared with the results achieved from surveying the entire population. This survey’s margin of error, for the full sample, ranges from ±1.7% to ±2.9% depending on how the response category percentages split for any given question.

**Oregon Values and Beliefs Center:** The research was completed as a community service by the Oregon Values and Beliefs Center. OVBC is an independent and non-partisan organization and an Oregon charitable nonprofit corporation.

**OVBC Monthly Survey, August 2021**

Who do you trust for information about things like Covid-19? Mark your top three.

**[Randomize]**

|  |  |
| --- | --- |
| **Response category** | **n=1,154** |
| 1. Family and friends
 | 33% |
| 1. Fox News type media
 | 18% |
| 1. Facebook and Twitter type media
 | 7% |
| 1. National Public Radio and other public radio and television type media
 | 34% |
| 1. New York Times type media
 | 19% |
| 1. Scientists and doctors
 | 80% |
| 1. Ministry and church
 | 9% |
| 1. Science agencies
 | 60% |
| 1. Local newspaper
 | 19% |
| 1. Other (briefly specify):
 | 16% |

Which column choice comes closest to your own view for each item below? Record one mark per row. **[Randomize]**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Response category, n=1,154** | **Fiction** | **Concept** | **Belief** | **Fact** |
| 1. Religion
 | 15% | 18% | 54% | 13% |
| 1. Human existence after death
 | 16% | 28% | 44% | 12% |
| 1. Human-caused climate change
 | 8% | 15% | 13% | 64% |
| 1. Increased immunity from vaccination
 | 9% | 14% | 15% | 62% |
| 1. Global warming
 | 6% | 13% | 11% | 70% |
| 1. Spirituality
 | 6% | 25% | 55% | 14% |
| 1. Science
 | 1% | 14% | 13% | 73% |
| 1. Covid-19
 | 6% | 8% | 8% | 78% |

1. Regarding your own choice about Covid-19 vaccination, which statement below comes closest to your view: **\***

|  |  |
| --- | --- |
| **Response category** | **n=1,154** |
| Not for me | 21% |
| Initially skeptical but have or will soon get vaccinated | 17% |
| I got vaccinated as soon as I could | 62% |

Do you think businesses should be allowed to do the following?

|  |  |  |
| --- | --- | --- |
| **Response category, n=1,154** | **Yes** | **No** |
| 1. Require employees to verify their vaccination status
 | 66% | 34% |
| 1. Require customers to verify their vaccination status
 | 55% | 45% |

1. Should medical facilities, including nursing homes and assisted living facilities, be allowed to require their employees to be vaccinated?

|  |  |
| --- | --- |
| **Response category** | **n=1,154** |
| Yes | 70% |
| No | 22% |
| Don’t know | 7% |

1. Are you the parent or guardian of a child under the age of 12 years old?

|  |  |
| --- | --- |
| **Response category** | **n=1,154** |
| Yes | 20% |
| No (Skip to Q26) | 80% |

1. (If child under 12) If an FDA-approved vaccine were available today at no cost to you, would you have your child vaccinated?

|  |  |
| --- | --- |
| **Response category** | **n=233** |
| Yes | 56% |
| No | 33% |
| Don’t know | 11% |

1. (If child under 12) How will your child be attending school in the fall?

|  |  |
| --- | --- |
| **Response category** | **n=233** |
| In-person | 50% |
| Hybrid | 11% |
| Online only | 6% |
| Homeschool | 13% |
| Other (briefly specify): | 7% |
| Don’t know | 12% |

1. Would the work you are currently doing have made you an "essential worker" during the pandemic shutdown?

|  |  |
| --- | --- |
| **Response category** | **n=1,154** |
| Yes | 34% |
| No | 31% |
| Not applicable/Not currently working (Skip to Q33) | 35% |

1. Is your job in the agriculture or forest products industry?

|  |  |
| --- | --- |
| **Response category** | **n=394** |
| Yes | 11% |
| No (Skip to Q29) | 89% |

1. (If yes) Is your work primarily indoors or outdoors?

|  |  |
| --- | --- |
| **Response category** | **n=60** |
| Indoors | 51% |
| Outdoors | 49% |

1. Do you feel your workplace does a good job complying with workplace safety regulations?

|  |  |
| --- | --- |
| **Response category** | **n=394** |
| Yes | 87% |
| No | 13% |

Do you feel like your safety is in jeopardy in your place of work from the following?

|  |  |  |
| --- | --- | --- |
| **Response category, n=394** | **Yes** | **No** |
| 1. The spread of Covid-19
 | 34% | 66% |
| 1. Extreme heat
 | 33% | 67% |
| 1. Poor air quality due to wildfires
 | 41% | 59% |

33, Regarding the governmental response to Covid 19, which one acted with greater competence:

|  |  |
| --- | --- |
| **Response category** | **n=1,154** |
| President Trump | 21% |
| President Biden | 51% |
| Both similarly competent | 8% |
| Neither exhibited competence | 20% |

For this list of contemporary challenges, what is your estimate that humans will successfully solve it soon enough? **[Randomize]**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Response category, n=-1,154** | **It’s not a problem to begin with** | **Certainly will solve it** | **Good Chance** | **Small Chance** | **Not a Chance** |
| 1. Mass migration across national borders
 | 9% | 6% | 22% | 44% | 19% |
| 1. Climate change
 | 8% | 5% | 21% | 45% | 21% |
| 1. Communicable diseases like Covid-19
 | 4% | 14% | 38% | 32% | 12% |
| 1. Increasing homelessness
 | 1% | 5% | 22% | 53% | 19% |
| 1. Voting rights and secure elections
 | 6% | 15% | 38% | 30% | 10% |
| 1. Racial discrimination
 | 8% | 8% | 27% | 43% | 15% |
| 1. Population growth
 | 12% | 5% | 22% | 38% | 24% |
| 1. Increasing forest fires
 | 2% | 8% | 24% | 50% | 17% |
| 1. Widening the gap between haves and have-nots
 | 6% | 5% | 18% | 50% | 22% |
| 1. Over-consumption of earth resources
 | 5% | 6% | 22% | 45% | 22% |

### Wildfire in the US has quadrupled in 40 years in the U.S. according to reputable sources, but those causes are tricky to accurately establish. Which single choice do you think is the greater cause of increased wildfire activity? **[Randomize]**

|  |  |
| --- | --- |
| **Response category** | **n=1,154** |
| Environmentalists opposing forest thinning | 11% |
| God’s will | 3% |
| Natural drought cycle | 5% |
| Public forest practices allowing excess dead fuel build-up | 23% |
| Climate change temperature increase and dryer forests | 54% |
| Not a problem, it’s just a natural cycle | 3% |

1. Which of these two statements do you agree with more, even if neither represents your view exactly? **[Randomized items]**

**Statement A:** Economic growth should be given priority, even if the environment suffers to some extent

**OR**

**Statement B:** Protection of the environment should be given priority even at the risk of slowing economic growth

|  |  |
| --- | --- |
| **Response category** | **n=1,154** |
| **Statement A: Economic growth priority** |
| Feel strongly | 6% |
| Lean towards | 17% |
| **Statement B: Environmental protection priority** |
| Lean toward | 33% |
| Feels strongly | 43% |

46. Public policy sometimes has to confront a conflict between broad public good versus individual freedom, for example in how we legislate for gun rights or protection of water quality. Which of these choices comes closest to your view? **[Randomized items]**

|  |  |
| --- | --- |
| **Response category** | **n=1,154** |
| **The collective good** |
| Feel strongly | 27% |
| Lean towards | 32% |
| **Individual freedoms** |
| Lean toward | 19% |
| Feels strongly | 22% |

How much do you think climate change is contributing to and intensifying the following occurrences around the United States? **[Randomize]**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Response category, n=1,154** | **Not increasing** | **Yes, but climate change not the cause** | **Yes, climate change a little of the cause** | **Yes, climate change is the main cause** | **I just don’t know** |
| 1. Hurricanes
 | 9% | 10% | 23% | 43% | 14% |
| 1. Flooding
 | 8% | 11% | 24% | 47% | 10% |
| 1. Forest fires
 | 4% | 14% | 29% | 47% | 6% |
| 1. Crop failures
 | 6% | 11% | 34% | 38% | 11% |
| 1. Timber die-off
 | 6% | 15% | 30% | 32% | 17% |
| 1. Longer hotter summers
 | 5% | 8% | 21% | 60% | 6% |
| 1. Increased human migration
 | 9% | 34% | 29% | 12% | 15% |
| 1. Increased cost of food
 | 9% | 28% | 36% | 18% | 10% |
| 1. Drought
 | 4% | 10% | 24% | 56% | 6% |

1. . For action on climate change, indicate which level of action most suits your view?

|  |  |
| --- | --- |
| **Response category** | **n=1,154** |
| No action is needed | 11% |
| Mostly stronger individual actions | 15% |
| Mostly stronger government limits on emissions | 14% |
| Both strong individual action and government regulations | 60% |

### On "personal responsibility" toward climate change, how much do you think we, as individuals, should reduce these activities: **[Randomize]**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Response category, n=1,154** | **None or very little** | **Around 25%** | **Around 50%** | **Around 75%** | **Around 90%** |
| 1. Eating red meat
 | 36% | 25% | 20% | 11% | 8% |
| 1. Size of houses
 | 28% | 27% | 25% | 11% | 8% |
| 1. Fossil fuel use
 | 17% | 19% | 21% | 17% | 25% |
| 1. Timber harvesting
 | 27% | 27% | 24% | 14% | 8% |
| 1. Use of water
 | 21% | 34% | 27% | 12% | 6% |
| 1. Driving
 | 20% | 27% | 29% | 15% | 9% |
| 1. Flying in airplanes
 | 25% | 26% | 28% | 13% | 9% |
| 1. Consumption of goods and services
 | 23% | 32% | 27% | 11% | 8% |
| 1. Other (briefly explain below) n=211
 | 26% | 6% | 14% | 10% | 42% |

Do you favor or oppose these "governmental actions" to address climate change? **[Randomize]**

|  |  |  |  |
| --- | --- | --- | --- |
| **Response category, n=1,154** | **Favor** | **Oppose** | **Don’t know** |
| 1. Tougher fuel-efficiency standards
 | 69% | 18% | 13% |
| 1. Prioritize renewable energy
 | 80% | 11% | 9% |
| 1. Planting about a trillion trees to absorb carbon emissions
 | 81% | 7% | 12% |
| 1. Promote nuclear power in place of fossil fuels
 | 38% | 30% | 32% |
| 1. Prioritize geo-engineering like reflective artificial clouds
 | 26% | 28% | 47% |
| 1. Tougher restrictions on industrial-scale carbon emissions
 | 73% | 15% | 13% |
| 1. Providing a tax credit to businesses for developing carbon capture and storage
 | 62% | 16% | 22% |
| 1. Other (briefly specify below) n=175
 | 85% | 8% | 7% |

1. Transportation, personal and commercial, is currently the single largest greenhouse emission contributor in the United States according to many reputable sources. To address this, how much would you be willing to see a gallon of fossil fuel be increased to speed behavior shifts to less polluting transportation options?

|  |  |
| --- | --- |
| **Response category** | **n=1,154** |
| None at all | 35% |
| Less than 25 cents | 13% |
| 25 cents to 50 cents | 9% |
| 50 cents to $1.00 | 12% |
| $1.00-$2.00 | 9% |
| $2.00-$4.00 | 7% |
| Higher than $4.00 if that’s what it takes | 15% |

1. Various studies put the average U.S. individual's greenhouse gas emissions around 15 to 25 tons per year, while the world average per person is estimated at 4 tons. From your own research or otherwise approximate comparison to others, what is your honest estimate of where your own emissions land on the choices below: \*

|  |  |
| --- | --- |
| **Response category** | **n=1,154** |
| Extremely low emissions (below four tons per year—low income, no car, small dwelling, simple life) | 15% |
| Low emissions (bottom third of US population, 4-10 tons per year—low income, little travel, no or low emission car and house) | 42% |
| Average emissions (middle third of US population, between 10-20 tons per year—middle income, average home, occasionally travel) | 40% |
| High emissions (top third of US population, above 20 tons per year—above average income, multiple dwellings, high vehicle and flight travel) | 3% |

What actions have you taken to address climate change? **[Randomize]** \*

|  |  |
| --- | --- |
| **Response category,** | **n=1,154** |
| 1. Talk with friends and neighbors about necessary changes to address climate change
 | 49% |
| 1. Communicate to elected officials about need for climate correction policy
 | 34% |
| 1. Dramatically reduced my own car travel
 | 61% |
| 1. I’ll do what I want without concern for emissions
 | 20% |
| 1. Have examined and reduced important emissions behaviors
 | 57% |
| 1. No airplane trips in the past several years
 | 56% |
| 1. My lifestyle has always been very low emission
 | 64% |
| 1. Other (briefly specify)
 | 13% |

How much have you personally experienced negative physical or emotional impacts from Covid-19 or climate change**?**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Response category, n=1,154** | **None** | **Slightly** | **Significantly** | **Dramatically** |
| 1. Covid-19
 | 17% | 40% | 27% | 17% |
| 1. Climate change
 | 22% | 40% | 27% | 11% |

**DEMOGRAPHICS**

1. In what year were you born?

|  |  |
| --- | --- |
| **Response category** | **n=1,154** |
| 18-29 | 20% |
| 30-44 | 26% |
| 45-54 | 17% |
| 55-64 | 17% |
| 65-74 | 13% |
| 75+ | 6% |

1. **(Quota)** I describe my gender as?

|  |  |
| --- | --- |
| **Response category** | **n=1,154** |
| Male | 49% |
| Female | 49% |
| Non-binary or gender non-conforming | 4% |
| Trans | 2% |
| Other | n=6 |

1. **(Quota)** What is the highest level of education you have attained?

|  |  |
| --- | --- |
| **Response category** | **n=1,154** |
| Less than high school | 3% |
| High school diploma/GED | 33% |
| Some college/2 yr. degree/trade | 36% |
| College degree/4 yr. degree | 15% |
| Graduate degree/professional school | 12% |

1. What is your party registration?

|  |  |
| --- | --- |
| **Response category** | **n=1,154** |
| Democrat | 41% |
| Republican | 22% |
| Independent Party of Oregon | 15% |
| Some other party | 2% |
| Non-affiliated | 13% |
| Not registered to vote | 6% |

1. Do you rent or own your home?

|  |  |
| --- | --- |
| **Response category** | **n=1,154** |
| Own | 53% |
| Rent | 39% |
| Other arrangement | 8% |

1. Do you have school-age children in your household?

|  |  |
| --- | --- |
| **Response category** | **n=1,154** |
| Yes | 24% |
| No | 76% |

1. What was your total household income in 2020?

|  |  |
| --- | --- |
| **Response category** | **n=1,154** |
| Less than $25,000 | 22% |
| $25,000-$49,999 | 25% |
| $50,000-$74,999 | 19% |
| $75,000-$99,999 | 13% |
| $100,000-$149,999 | 12% |
| $150,000 or more | 8% |
| Refused | n=3 |

1. When it comes to most economic issues, do you consider yourself. . .

|  |  |
| --- | --- |
| **Response category** | **n=1,154** |
| Very liberal | 18% |
| Somewhat liberal | 21% |
| Middle of the road | 33% |
| Somewhat conservative | 18% |
| Very conservative | 10% |

1. When it comes to most social issues, do you consider yourself. . .

|  |  |
| --- | --- |
| **Response category** | **n=1,154** |
| Very liberal | 24% |
| Somewhat liberal | 22% |
| Middle of the road | 31% |
| Somewhat conservative | 13% |
| Very conservative | 9% |

1. With which of the following races and ethnicities do you identify? *Check all that apply.*

|  |  |
| --- | --- |
| **Response category** | **n=1,154** |
| African | n=5 |
| Asian or Pacific Islander | 2% |
| Black or African American | 2% |
| Hispanic or Latino | 4% |
| Middle Eastern or North African | n=3 |
| Native American or American Indian | 3% |
| Slavic | 1% |
| White or Caucasian | 93% |
| Other | 2% |

1. Do you consider the area you live in to be. . . .

|  |  |
| --- | --- |
| **Response category** | **n=1,154** |
| Urban | 28% |
| Suburban | 42% |
| Rural changing to suburban | 10% |
| Rural | 20% |

1. County/Zip Code

|  |  |
| --- | --- |
| **Response category** | **n=1,154** |
| Tri-count | 44% |
| Willamette Valley | 28% |
| Rest of state | 28% |