

Q206. In which U.S. state do you live?

- ☐ California
- ☐ Oregon
- ☒ Washington
- ☐ Somewhere else

Q3. Browser Meta Info

This question was not displayed to the respondent.

Q205. What is your age bracket?

- ☐ Under 18 years
- ☐ 18 to 24 years
- ☐ 25 to 34 years
- ☐ 35 to 44 years
- ☐ 45 to 54 years
- ☐ 55 to 64 years
- ☒ 65 to 74 years
- ☐ 75 years or older
- ☐ Prefer not to say

Q204. What is your gender?

- ☒ Male
- ☐ Female
- ☐ Non-binary
- ☐ Prefer not to say

Q207. What is your race?

- ☒ White
- ☐ Black or African-American

- ☐ Asian
- ☐ Some other race, or multiple races
- ☐ Prefer not to say

Q146.

In 2019, approximately what was your **total annual household income**, using these standard income brackets? [Click here to check who counts as your household](#)

× For this survey, consider your “household” to be your own family (or some other set of people to which you belong), where these people share the same permanent address, and where the members *share their financial resources and make important spending decisions jointly*.

- ☐ Less than \$20,000
- ☐ \$20,000 to \$24,999
- ☐ \$25,000 to \$29,999
- ☒ \$30,000 to \$49,999
- ☐ \$50,000 to \$74,999
- ☐ \$75,000 to \$99,999
- ☐ \$100,000 to \$124,999
- ☐ \$125,000 to \$149,999
- ☐ \$150,000 to 174,999
- ☐ \$175,000 to \$199,999
- ☐ \$200,000 or more
- ☐ Prefer not to say

Q158.

What is your **5-digit Washington zip code**? (This information will help verify that the set of people who take this survey will represent *all regions within each state*.)

98593

Q188. Timing

This question was not displayed to the respondent.

Q326.

Excellent. This study still needs more people like you. Now we need to tell you a bit more about the study and get your formal consent to take part.

About this Survey: You will be asked to complete a survey about how your state should deal with outbreaks of COVID-19 (or any similar pandemic illness in the future). Vaccines for COVID-19 are now available, but it will be many months before everyone can be vaccinated.

Your input is important, no matter how you feel about your state's policies so far.

- Some people really want to get the economy moving again.
- Others feel that pandemic rules must stay in place until the virus is completely gone or until all vulnerable people have been vaccinated.

We will describe several **potential policies for some possible pandemic conditions, either now, or in a similar pandemic in the future**. In each case, we will ask you to pick the policy that seems like the best option.

We will then ask some questions about your household that will help us understand how and why different people make different choices about pandemic policies.

On average, people who complete this survey have been taking about 20 minutes.

NOTE: On this page, as on all others, you may need to scroll farther down the page to find the button to move you to the next screen.

Q189. Timing

First Click: 0
Last Click: 0
Page Submit: 65.907
Click Count: 0

Q2.

Questions About this Survey? This survey has been funded by the Department of Economics at the University of Oregon. If you have questions or concerns about this survey, or about the study that will use the data it collects, please contact the research team: Professor Trudy Ann Cameron, (cameron@uoregon.edu), Department of Economics, University of Oregon, Eugene, OR, 97403-1285.

Questions About the Protection of Research Subjects? The University of Oregon's Research Compliance Services can be reached at researchcompliance@uoregon.edu, or at 541-346-2510.

Participation in this Study is Voluntary. Refusal to participate will involve no penalty or loss of any benefits to which you are otherwise entitled, and you may discontinue participation at any time.

Are you eligible and willing to be a participant in this study? By clicking Yes, you certify that:

- You are a resident of California, Oregon, or Washington State
- You are at least 18 years of age or older
- You consent to have your anonymous answers used in this study

☒ Yes

☐ No

Q190. Timing

This question was not displayed to the respondent.

Q4.

Studies that are intended to help make public policy must have high-quality data. Most of the data for our study will come from the people who take this survey. Can you commit to thoughtfully provide your best

answers to each question?

- ☒ I will provide thoughtful and honest answers
- ☐ I will not provide thoughtful and honest answers
- ☐ I can't promise either way

Q5.

Did you mean that, or were you just curious to see what would happen if you clicked on that answer?

This question was not displayed to the respondent.

Q7.

In which California county do you live? We'll describe policies that are more realistic for your area.

Along with each county's name below, we provide that county's population.

This question was not displayed to the respondent.

Q8.

Your survey questions will be tailored to the county where you live. Your choice on the last page has been recorded as:

Is this the right county?

This question was not displayed to the respondent.

Q9.

In which California county do you live?

This question was not displayed to the respondent.

Q10.

Thank you for the correction. Your survey will now describe policies for:

Click on the arrow below to continue.

This question was not displayed to the respondent.

Q169.

In which Oregon county do you live? We'll describe policies that are more realistic for your area.

Along with each county's name below, we provide that county's population.

This question was not displayed to the respondent.

Q170.

Your survey questions will be tailored to the county where you live. Your choice on the last page has been recorded as:

Is this the right county?

This question was not displayed to the respondent.

Q171.

In which Oregon county do you live?

This question was not displayed to the respondent.

Q172.

Thank you for the correction. Your survey will now describe policies for:

Click on the arrow below to continue.

This question was not displayed to the respondent.

Q174.

In which Washington State county do you live? We'll describe policies that are more realistic for your area.

Along with each county's name below, we provide that county's population.

- ☐ Adams County (2018 population = 19,452)
- ☐ Asotin County (2018 population = 22,337)
- ☐ Benton County (2018 population = 194,168)
- ☐ Chelan County (2018 population = 75,757)
- ☐ Clallam County (2018 population = 74,487)
- ☐ Clark County (2018 population = 465,384)
- ☐ Columbia County (2018 population = 4,001)
- ☐ Cowlitz County (2018 population = 105,112)
- ☐ Douglas County (2018 population = 41,371)
- ☐ Ferry County (2018 population = 7,576)
- ☐ Franklin County (2018 population = 90,660)
- ☐ Garfield County (2018 population = 2,224)
- ☐ Grant County (2018 population = 94,860)
- ☐ Grays Harbor County (2018 population = 71,967)
- ☐ Island County (2018 population = 81,636)
- ☐ Jefferson County (2018 population = 30,856)

- ☐ King County (2018 population = 2,163,257)
- ☐ Kitsap County (2018 population = 262,475)
- ☐ Kittitas County (2018 population = 44,825)
- ☐ Klickitat County (2018 population = 21,396)
- ☒ Lewis County (2018 population = 76,947)
- ☐ Lincoln County (2018 population = 10,435)
- ☐ Mason County (2018 population = 62,627)
- ☐ Okanogan County (2018 population = 41,638)
- ☐ Pacific County (2018 population = 21,281)
- ☐ Pend Oreille County (2018 population = 13,219)
- ☐ Pierce County (2018 population = 859,840)
- ☐ San Juan County (2018 population = 16,473)
- ☐ Skagit County (2018 population = 123,907)
- ☐ Skamania County (2018 population = 11,620)
- ☐ Snohomish County (2018 population = 786,620)
- ☐ Spokane County (2018 population = 497,875)
- ☐ Stevens County (2018 population = 44,214)
- ☐ Thurston County (2018 population = 274,684)
- ☐ Wahkiakum County (2018 population = 4,189)
- ☐ Walla Walla County (2018 population = 60,236)
- ☐ Whatcom County (2018 population = 216,812)
- ☐ Whitman County (2018 population = 48,593)
- ☐ Yakima County (2018 population = 249,325)

Q175.

Your survey questions will be tailored to the county where you live. Your choice on the last page has been recorded as:

Lewis County (2018 population = 76,947)

Is this the right county?

- ☒ Yes
- ☐ No

Q176.

In which Washington State county do you live?

This question was not displayed to the respondent.

Q177.

Thank you for the correction. Your survey will now describe policies for:

Click on the arrow below to continue.

This question was not displayed to the respondent.

Q191. Timing

This question was not displayed to the respondent.

Q11.

Many U.S. states relaxed their pandemic rules after the summer, but many are now tightening them again. Until enough people can get a vaccine, there are likely to be more outbreaks of COVID-19. Unfortunately, the vaccine is not reaching people as quickly as had been expected. Also, more new variants of the virus may emerge, and current vaccines may not protect as well against these.

Please imagine that pandemic policies in the event of continued outbreaks are being put to a vote in Washington.

Q192. Timing

First Click: 0

Last Click: 0

Page Submit: 46.073

Click Count: 0

Q12.

RECENT PANDEMIC CONDITIONS

The United States has **3,141** counties. As of January 30, 2021:

- Virtually **every one of these counties** had COVID-19 **cases**
- **3,083 of these counties** had COVID-19 **deaths**

So, at this point, the pandemic is almost everywhere in the U.S.

Q13. Timing

First Click: 0

Last Click: 0

Page Submit: 26.352

Click Count: 0

Q14.

Some Washington counties have had relatively fewer cases of COVID-19 so far. People in those counties may not be fully aware of just how tough things have been in other parts of the United States.

Washingtonians may want to be prepared, in case conditions in Washington get worse.

For example, think about the **four weeks** ending on January 30, 2021. Suppose Lewis County had been one of the **300 U.S. counties** with the highest *shares of their populations* affected by COVID-19. In that case, Lewis County would have had:

- **1,825 or more** *new* cases, instead of its actual **875** new cases
- **54 or more** deaths, instead of its actual **13** death(s)

Click for more background on these numbers, if desired

x

When comparing across counties of different sizes, it is more meaningful to talk about the **share** of a county's population that is affected, rather than just its total numbers of cases and deaths.

Let's consider the recent record for the **10% of U.S. counties** (about 300 counties) with the greatest shares of their residents affected by COVID-19 illnesses and deaths.

For the **four weeks** ending on January 30, 2021, these 300 or so hard-hit counties have had:

- **1,186 or more** *new* cases per **50,000** people
- **35 or more** deaths per **50,000** people

We scaled these numbers to reflect the population of Lewis County (76,947) to get the numbers on this page.

For the current pandemic, or for possible future pandemics, do you feel like Washington is:

- ☐ Overly prepared
- ☐ Reasonably prepared
- ☒ Poorly prepared
- ☐ Don't know / Not sure

Q15. Timing

First Click: 132.944
Last Click: 132.944
Page Submit: 136.077
Click Count: 1

Q16.

We will describe some **possible future pandemic conditions**. These are intended to help Washington plan. Each set of conditions will include the **expected cases and expected deaths** in Lewis County if we just let everyone decide for themselves what to do. This is what we call the “baseline” policy, with no pandemic rules.

We will then describe some possible policies that lay down some rules about how businesses may operate.

- Each pandemic policy has some **benefits**:
 - Fewer cases and/or deaths from pandemic illness.
- Each pandemic policy also has some **costs**:
 - Inconvenience, lost jobs or business income, and different expenses

People have different views:

- Some feel strongly that **businesses need to stay open** and Washingtonians need to be able to work.
- Some are more **worried about themselves or others getting sick**, and would prefer rules that keep people away from each other.

Which best describes your view of Washington's pandemic rules so far?

- ☐ They have been a huge burden for my household and they can't end soon enough
- ☒ They have been appropriate and need to continue until the pandemic is over
- ☐ They have not been strict enough
- ☐ Don't know / Not sure

Q17. Timing

First Click: 150.468
Last Click: 150.468
Page Submit: 154.799
Click Count: 1

Q18.
We describe each policy in a very compact table.

FIRST PART OF EACH TABLE

Duration: The number of months the policy would last.

Pandemic conditions and how the policy would help: Assume we are at a point in the pandemic when these are the best available numbers for the 76,947 people in Lewis County:

- Expected cases and deaths over the same time period, if we just let people decide for themselves what to do (**on the left**, below).
- Cases avoided and deaths prevented, based on how well people are expected to follow the rules of Policy A (**on the right**).

| | | |
|---|--|----------|
| Policy: | | A |
| <div>Duration in months</div> | | |
| × Policy duration (months) | | 2 |
| The length of time for the policy | | |
| <div>5,580 cases, reduced by</div> | | |
| × Baseline cases expected in this pandemic scenario, and how many fewer cases would be expected with the policy | | |
| If we let everyone decide for themselves what to do under this possible pandemic scenario, assume that the number of cases of pandemic illness expected in your county during the month(s) of the policy would be as shown on the left. The policy's rules are expected to <i>decrease</i> these cases by the number given on the right (taking into account how closely these rules will be followed). | | 2,849 |
| <div>69 deaths, reduced by</div> | | |
| × Baseline deaths expected in this pandemic scenario, and how many fewer deaths would be expected with the policy | | |
| If we let everyone decide for themselves what to do under this possible pandemic scenario, assume that the number of deaths from pandemic illness expected in your county during the month(s) of the policy would be as shown on the left. The policy's rules are expected to <i>decrease</i> these deaths by the number given on the right (taking into account how closely these rules will be followed). | | 62 |
| Strictness of rules: | | |
| [described later] | | |
| Measures of cost: | | |
| [described later] | | |

We need to be sure that everyone interprets their choice tasks the same way. Thus there are several points at which we “**check your understanding**.” For example, can we be **sure** that **exactly** 5,580 people will get sick and 69 will die, if no rules are in place?

- ☒ Yes
- ☐ No
- ☐ Don't know / Not sure

Q19. Timing

First Click: 240.296
Last Click: 240.296
Page Submit: 242.392
Click Count: 1

Q20.

Good. That was correct. Nobody can predict the future perfectly. Please assume that these numbers are the best estimates about what will happen without restrictions, if we just let people take the precautions they feel are necessary.

This question was not displayed to the respondent.

Q193. Timing

This question was not displayed to the respondent.

Q21.

That was incorrect. Nobody can predict the future perfectly. Please assume that these numbers are the best estimates about what will happen without restrictions, if we just let people take the precautions they feel are necessary.

Q194. Timing

First Click: 0
Last Click: 0
Page Submit: 60.995
Click Count: 0

Q22.

To clarify: Nobody can predict the future perfectly. Please assume that these numbers are the best estimates about what will happen without restrictions, if we just let people take the precautions they feel are necessary.

This question was not displayed to the respondent.

Q195. Timing

This question was not displayed to the respondent.

Q23.

SECOND PART OF EACH TABLE

We need to prepare you for the middle section of the policy tables. For your household, strict pandemic rules **for some types of businesses or activities** may result in:

- Loss of income from employment or business
- Loss of access to products, services or activities that your household wants, needs or enjoys

We will focus on just ten types of businesses and activities where pandemic rules have been common.

First, we will ask you to think about whether strict pandemic rules for each type of business or activity would have a significant impact on your own household's income or well-being.

If you wish, click on either of these two questions for their answers:

What do we mean by a household?

× For this survey, consider your “household” to be your own family (or some other set of people to which you belong), where these people share the same permanent address, and where the members *share their financial resources and make important spending decisions jointly*. For example, if someone claims you as a dependent on their income tax return, you are part of that family. (One financially independent person can also count as a household, even if they have roommates.)

To close this pop-up, click the X, or click anywhere outside this box.

Why do we leave out other types of businesses or activities?

× We leave out many sectors of the economy where the pandemic can also have severe effects. For example, we leave out health-related services, including first responders and medical staff and support personnel in hospitals and urgent-care clinics. Severe outbreaks have also happened in food-processing plants. But these essential activities must continue regardless. We also do not focus on essential manufacturing jobs or the transportation of goods, where there is typically less direct contact with the public than in most retail jobs.

To close this pop-up, click the X, or click anywhere outside this box.

Q24. Timing

First Click: 123.235
Last Click: 193.349
Page Submit: 196.007
Click Count: 4

Q25.

Before you consider each type of business or activity, let's check something. **How might you learn whether pet store services, for example, are included with grocery stores and other essential retail businesses?**

You can click the name for each type of business or activity in the questions below, to answer questions like this. You should get a pop-up window. You can close the pop-up by clicking on the X in the corner (or just click anywhere outside the pop-up box).

Try clicking this name: Grocery, essential retail

× **Grocery stores, other essential services**

Supermarkets, convenience stores
Specialty food stores, bakeries
Beer, wine and liquor stores, dispensaries
Health care, medical, pharmacies
Pet store services, veterinary clinics
Gas stations
Home improvement/hardware stores
Office supplies
. Then choose your answer below.

☒ Yes, pet store services are included in “Grocery, essential retail”

☐ No, pet store services are not included in “Grocery, essential retail”

☐ I couldn't get the pop-up to open

Q26. Timing

First Click: 63.098

Last Click: 89.396

Page Submit: 124.176

Click Count: 3

Q27.

Correct. For many questions in this survey, you can often click for extra details.

If the background ever interferes with the content of any pop-up, just scroll the background a little. On some mobile devices, you may need to scroll up to see some of the pop-ups.

Q196. Timing

First Click: 0

Last Click: 0

Page Submit: 44.599

Click Count: 0

Q28.

Oops! “Pet store services” was on the list, second from the bottom. That's OK. For many questions in this survey, you can often click for extra details.

If the background ever interferes with the content of any pop-up, just scroll the background a little. On some mobile devices, you may need to scroll up to see some of the pop-ups.

This question was not displayed to the respondent.

Q197. Timing

This question was not displayed to the respondent.

Q29.

Our apologies if our pop-up technology does not work with your browser. We tested many different browsers, but we could not test all the less-common ones.

Fortunately, the extra information is NOT essential to complete the survey. We have made it optional, just in case people have questions.

By selecting the answer you did, we know that you did not have access to the extra information, and we can take this into account in our analysis.

This question was not displayed to the respondent.

Q198. Timing

Q30.

Think about Washington adopting strict pandemic rules for each type of business or activity below. Would these rules cause hardship for your household (or have they, already)?

Hardship can take the form of:

- Significant **loss of income**, and/or
- Significant **loss of access** to products, services, or activities that are important to your household's happiness or well-being.

For the businesses/activities below, you can select BOTH “Loss of income” *and* “Loss of access” if both of these apply.

For my household, strict rules on Grocery, essential retail
× **Grocery stores, other essential services**

Supermarkets, convenience stores
Specialty food stores, bakeries
Beer, wine and liquor stores, dispensaries
Health care, medical, pharmacies
Pet store services, veterinary clinics
Gas stations
Home improvement/hardware stores
Office supplies
would cause hardship from:

Loss of income ☐ Loss of access ☐ Neither ☒

Q31. Strict rules on Non-essential retail
× **Non-essential retail stores, and personal services**

Shopping malls, clothing and shoe stores
Barber shops, hair, nail and tanning salons
Non-medical wellness spas
Tattoo/piercing parlors
Galleries
would cause hardship from:

Loss of income ☐ Loss of access ☐ Neither ☒

Q32. Strict rules on Schools, daycare
× **Schools, daycare (for children 18 and under)**

Public and private school for kindergarten through 12th grade
Child daycare services
Fine Arts school, language schools
School and employee bus transportation
Sports and recreation instruction

Exam preparation and tutoring
Automobile driving schools
would cause hardship from:

Loss of income Loss of access Neither
☐ ☐ ☒

Q33. Strict rules on

× **Universities, community colleges and trade schools**

Academic four- and two-year colleges and professional schools
Business schools and computer and management training
Technical and trade schools
Libraries and archives
would cause hardship from:

Loss of income Loss of access Neither
☐ ☐ ☒

Q34. Strict rules on

× **Parks and recreation areas, campgrounds, playing/watching outdoor sports (baseball, golf, tennis; hiking or fishing on public lands)**

National, state or local park services and administration
RV parks and recreational camps, marinas
Public beaches, public pools
Sports courts, skate parks
Zoos and botanical gardens, nature parks
Landscaping services, golf courses and country clubs
Skiing facilities, amusement and theme parks
would cause hardship from:

Loss of income Loss of access Neither
☐ ☐ ☒

Q35. Strict rules on

× **Gyms, fitness studios, playing/watching indoor sports (basketball, hockey, etc.)**

Fitness and recreational sports centers
Yoga studios, dance studios, tennis clubs
Martial arts centers
Roller-skating and ice-skating rinks
Bowling alleys, pool halls, arcades
would cause hardship from:

Loss of income Loss of access Neither
☐ ☐ ☒

Q36. Strict rules on Theaters, concert halls

× **Movies, theaters, concert halls**

Movie theaters, live theater
Performing arts venues
Community theater
Bands, orchestras, choirs
would cause hardship from:

Loss of income ☐ Loss of access ☐ Neither ☒

Q37. Strict rules on Restaurants, bars, clubs

× **Restaurants, bars/pubs, clubs**

Restaurants, cafes, food courts
Bars, taverns, brew pubs, wine bars
Cafes and coffee shops
Social and private clubs
Senior centers, youth clubs
would cause hardship from:

Loss of income ☐ Loss of access ☐ Neither ☒

Q38. Strict rules on Meetings, religious services

× **Meetings for social or business groups, religious services (incl. weddings, funerals)**

Churches, synagogues, mosques, and other houses of worship
Facilities for weddings, wedding receptions
Facilities for funerals and memorial services
Conference centers or similar business meeting facilities (e.g. at hotels)
Support-group meetings
would cause hardship from:

Loss of income ☐ Loss of access ☐ Neither ☒

Q39. Strict rules on Assisted living facilities

× **Assisted living facilities, other institutionalized populations**

Nursing home and residential care facilities
Community housing services, temporary shelters
Facilities support for military bases
Facilities support for jails, prisons, psychiatric hospitals
would cause hardship from:

Loss of income ☐ Loss of access ☐ Neither ☐





Q40. Timing

First Click: 46.478
Last Click: 124.2
Page Submit: 126.262
Click Count: 12

Q41.
How strict are a given policy's rules for each type of business or activity? We show the strictness of the rules for each type using little “meters” with three colored bars.

For example, here is how to read the meter for our *first* type.

Grocery stores (and other essential retail stores)

-  = All open, minimal restrictions
-  = Masks required
-  = Masks required, limited occupancy
-  = Delivery or curbside pick-up only

NOTE 1: More **green** bars means more open; more **red** bars means stricter rules.

NOTE 2: For each different type of business or activity, the four levels on the meter will have different interpretations.

Q42. Timing

First Click: 0
Last Click: 0
Page Submit: 56.489
Click Count: 0

Q43.
The rules for our ten types of businesses and activities are shown in no particular order.


- You may see some policies with very *uneven* rules across the ten types.
- Some groups might have been really eager to open their businesses or get their activities going again. Looser rules could result from **successful lobbying** by those groups.
 - Other groups might not have tried as hard to re-open. Or, their lobbying efforts may have been less successful. Stricter rules may apply for those groups.


Click the **name** of any business/activity to see the key for its different levels of rules.


| Policy: | A |
|----------------------|---|
| [described earlier] | |
| Strictness of rules: | |
| | |


Grocery, essential retail

× **Grocery stores, other essential services**

 = All open, minimal restrictions


 = Masks required

 = Masks required, limited occupancy


 = Delivery or curbside pick-up only


Non-essential retail

× **Non-essential retail stores, and personal services**

 = All open, minimal restrictions


 = Masks required, distancing, no waiting indoors


 = Masks required, limited occupancy (clients only), wellness assessment required


 = Delivery or curbside pickup only, online consultations where feasible


Schools, daycare

× **Schools, daycare (for children 18 and under)**

 = Normal classes, all levels, minimal restrictions

 = Daycare, grades 1-8 in-person; others on-line


 = Daycare, grades 1-4 in-person, but shortened school days; others on-line


 = Daycare only for children of essential workers, all other children at home, online


Universities, colleges

× **Universities, community colleges and trade schools**

 = All open, minimal restrictions


 = Masks required


 = Masks required, limited room occupancy


 = Online classes only


Parks, outdoor sports

× **Parks and recreation areas, campgrounds, playing/watching outdoor sports (baseball, golf, tennis; hiking or fishing on public lands)**

 = Mostly open, minimal restrictions


 = Masks required, limited occupancy/audiences


 = Masks required, limited occupancy/audiences, day use only


 = Closed or suspended


Gyms, indoor sports

× **Gyms, fitness studios, playing/watching indoor sports (basketball, hockey, etc.)**

 = Mostly open, minimal restrictions





 = Masks required, limited occupancy, no contact sports or shared equipment,

 = Masks required, outdoor non-contact classes only, indoor activities suspended

 = Closed, online fitness classes only

Theaters, concert halls





× **Movies, theaters, concert halls**

-  = Mostly open, minimal restrictions
-  = Masks required, limited occupancy
-  = Masks required, limited occupancy, no food service
-  = Closed



Restaurants, bars, clubs





× **Restaurants, bars/pubs, clubs**

-  = Mostly open, minimal restrictions
-  = Masks required except when eating or drinking, limited indoor seating, no self-serve
-  = Masks required except when eating or drinking, take-out or outdoor seating only
-  = Masks required, take-out service only



Meetings, religious services





× **Meetings for social or business groups, religious services (incl. weddings, funerals)**

-  = Mostly open, minimal restrictions
-  = Masks required, 6 ft distancing between groups of not more than 10 people
-  = Masks required, monitor distancing between groups, enhanced ventilation, limited duration, contact info retained
-  = Online, or outdoor meetings with masks and distancing only



Assisted living facilities


× **Assisted living facilities, other institutionalized populations**

-  = Visitors permitted, minimal restrictions
-  = Masks required, negative-test visitors only, distancing
-  = Masks required, limited negative-test outdoor visitors only, distancing
-  = No visitors permitted



Measures of cost:

[described later]

Try one pop-up key to the rules: It might not be the case above, but suppose schools and daycare have rules shown as 

Would daycare services still be available for the young children of essential workers? To find out, click on the words "Schools, daycare" in the table above.

- ☐ Yes, these children could still go to daycare
- ☒ No, these children could not go to daycare
- ☐ I can't get the pop-up help to work with my browser

Q44. Timing

First Click: 47.292
Last Click: 282.835
Page Submit: 286.172
Click Count: 9

Q45.

Excellent. You can do the survey without using all of the pop-up help, but now you know the type of information that is available, should you need it.

To remember the key, you might think about it this way:

 means “**go**” to this business or activity. There are few (or no) pandemic rules.

 means that pandemic rules will “**stop**” much of this business or activity. The more bars this color, the more rules apply to this business or activity.

This question was not displayed to the respondent.

Q199. Timing

This question was not displayed to the respondent.


Q46.

The correct answer was Yes. The young children of essential workers would still have access to daycare, even if the “Schools, daycare” category is shown as 

You can do the survey without using all of the pop-up help, but now you know the type of information that is available, should you need it.

To remember the key, you might think about it this way:

 means “**go**” to this business or activity. There are few (or no) pandemic rules.

 means that pandemic rules will “**stop**” much of this business or activity. The more bars this color, the more rules apply to this business or activity.

Q200. Timing

First Click: 0
Last Click: 0
Page Submit: 16.336
Click Count: 0


Q47.

That's OK. We just wanted people to sample the extra information if their browser can handle the pop-ups. The correct answer was Yes. Children of essential workers would still be allowed in daycare.

People can complete the survey successfully without referring to the pop-up help.

To remember the key, you can think about it this way. In general:

 means “**go**” to this business or activity. There are few (or no) pandemic rules.

 means that pandemic rules will “**stop**” much of this business or activity. The more bars this color, the more rules apply to this business or activity.

This question was not displayed to the respondent.

Q201. Timing

This question was not displayed to the respondent.

Q48.

You will see a random set of pandemic policies.

There is a chance that you may not like ANY of the policies in your set. Later in the survey, though, you will have a chance to describe your ideal policy.

But first, we ask you to consider the six specific policies, A through F, on the upcoming screens. (The letters used for each policy are just labels. They don't say anything about whether the policy is good or bad.)

Check your understanding: For any given policy, you should expect the mix of rules on different businesses and activities to:

- ☒ Exactly match Washington 's current official reopening plans
- ☐ Include some uneven rules that could come about if economic hardship causes some rules to be relaxed, but not others
- ☐ Don't know / Not sure

Q49. Timing

First Click: 48.424

Last Click: 63.378

Page Submit: 76.404

Click Count: 4

Q50.



Yes. You were correct.

This question was not displayed to the respondent.

Q202. Timing

This question was not displayed to the respondent.

Q51.

No. And this is important to how you will interact with this survey. You may see some unfamiliar mixes of rules.

If the pandemic continues for a long time, and the economy struggles, policy-makers will face some very difficult decisions as a result of pressure from different groups.

It is not possible (in the real world) to experiment with all kinds of policies, to see which ones Washingtonians like best. But we can explore a wide range of possibilities using surveys like this one.

Q203. Timing

First Click: 0
Last Click: 0
Page Submit: 47.982
Click Count: 0

Q52.

This point is important to how you will interact with this survey. You may see some unfamiliar mixes of rules.

If the pandemic continues for a long time, and the economy struggles, policy-makers will face some very difficult decisions as a result of pressure from different groups.

It is not possible (in the real world) to experiment with all kinds of policies, to see which ones Washingtonians like best. But we can explore a wide range of possibilities using surveys like this one.

This question was not displayed to the respondent.

Q204. Timing

This question was not displayed to the respondent.

Q53.

THIRD PART OF EACH TABLE:

Pandemic rules can be **bothersome and/or very inconvenient**. For example, you may have to wear a mask when you go out. Households with school-aged children may have to do their best to teach these children at home while the adults still try do their regular work. We have already asked you to think about some of these burdens.

However, strict pandemic rules can also have big monetary costs. They can **slow a state's economy**. People may be urged to stay home. Stores and restaurants close. These businesses and others will lose money and will begin to lay off workers. People will spend less because they lose their jobs. Many business owners will lose income as well.

We will show two possible ways to measure these costs for each policy:

- **Unemployment** rates for Lewis County, and
- **Average \$/month lost**, the resulting overall loss of net income, averaged across all households in the county.

Q205. Timing

First Click: 91.16
Last Click: 93.335

Q60.

Unemployment rates describe the share of workers in Lewis County who would lose their jobs because of each policy.

The overall unemployment rate for Washington in January and February of 2020 was about 3.8%. As early as April, however, this state-wide rate had risen to 16.3%. This was because of the pandemic.

You may wish to think about these job losses in relation to the worst conditions during two historically hard times for the whole country.

- Maximum unemployment in the Great Recession of 2009:
 - About 10% (1 in 10 workers cannot find a job)
- Maximum unemployment in the Great Depression of the 1930s:
 - About 25% (1 in 4 workers cannot find a job)

Q172. Timing

First Click: 47.519
Last Click: 70.694
Page Submit: 184.647
Click Count: 3

Q55.

“**Average \$/month lost**” is another way to describe the cost of a policy. For your own household, the economic impact of pandemic rules will depend on:

- The **chance** that workers in your household will lose their jobs;
- The **harm to your household's net income** if these job losses happen.

The cost of the policy to your household may end up being high or low. This will depend on what happens to its income and expenses. **Across all households** in Lewis County, the *average net income loss* to be expected from each policy will be reported as “**Average \$/month lost.**”

Check your understanding: For your Policy A, the “Average \$/month lost” across all households will be \$190. Does that mean *your* household, *and every other* household in Lewis County, will end up losing \$190 of income each month during the policy? *In addition to* any unemployment?

- ☐ Yes
- ☒ No
- ☐ Don't know, Not sure

Q56. Timing

First Click: 67.231
Last Click: 67.231
Page Submit: 69.91
Click Count: 1

Q57.



You are correct. The economic impacts of pandemic restrictions can be very unequal. And before a policy is adopted, we don't know exactly who will bear costs that are higher or lower than the average. **Your own household's actual cost per month will be uncertain.**

These "Average \$/month lost" because of a policy are mostly a RESULT of unemployment and lost business earnings. They are not an extra cost on top of that.

Q206. Timing

First Click: 0

Last Click: 0

Page Submit: 35.488

Click Count: 0

Q58.

That was incorrect. The economic impacts of pandemic restrictions can be very unequal. Some households would bear a monthly cost larger than this, especially if they lose their jobs, while other households may bear almost no out-of-pocket costs.

These "Average \$/month lost" because of a policy are mostly a RESULT of unemployment and lost business earnings. They are not an extra cost on top of that.

Before a policy is adopted, we don't know exactly who will bear costs that are higher or lower than the average. **Your own household's actual cost per month will be uncertain.**

This question was not displayed to the respondent.

Q207. Timing

This question was not displayed to the respondent.

Q59.

This is important. Some households would bear a monthly cost larger than this, especially if they lose their jobs, while other households may bear almost no out-of-pocket costs.

These "Average \$/month lost" because of a policy are mostly a RESULT of unemployment and lost business earnings. They are not an extra cost on top of that.

Before a policy is adopted, we don't know exactly whose costs will higher or lower than the average. **Your own household's actual cost per month will be uncertain.**

This question was not displayed to the respondent.

Q208. Timing

This question was not displayed to the respondent.

Q171.

During the first part of the current pandemic, there was **an extra unemployment benefit of \$600 per week from the Federal government** under the CARES Act. These benefits made the pandemic's "Average \$/month lost" much lower than they would normally be, for any given level of unemployment.

The \$600/week extra benefit ended July 31. A \$300/week extra benefit was then provided in December. The incoming Administration is proposing \$400/week. It is not yet clear whether extra unemployment benefits will continue to be available, at what level, or for how long, as the pandemic drags on.

You will be shown policies that assume different levels of extra Federal unemployment benefits. These extra benefits explain why policies with similar levels of unemployment can result in different "Average \$/month lost" in your county. **Assume that any Federal unemployment benefits, as described, will be in place regardless of any pandemic rules that apply in Lewis County.**

Q61. Timing

First Click: 0
Last Click: 0
Page Submit: 91.811
Click Count: 0

Q64.
Assume our numbers for **Unemployment** and **Average \$/month lost** are the **best available estimates**, based on the median income of about \$50,216 per year in Lewis County.

Unemployment shows the expected share of workers who are out of a job if the policy's rules are put in place. This new total includes the 3.8% share of such workers in Washington before the pandemic started.

Average \$/month lost is the average across households of the lost income, from lost jobs or lost business earnings, while the policy's rules are in effect. It takes account of standard unemployment benefits for Washington. It also reflects any *extra* unemployment benefits expected from the Federal government. But remember this is *only an average*. Your own household's costs could be higher or lower than this.

| | |
|--|-------|
| Policy: | A |
| [described earlier] | |
| Strictness of rules: | |
| [described earlier] | |
| Measures of cost: | |
| Unemployment | |
| × Unemployment rate (share of workers losing their jobs) | |
| Much of the economic cost of a policy's rules will come from job losses and lost business income. Just before the current pandemic started, Washington's rate of unemployment was 3.8%. By comparison, unemployment was about 10% during the Great Recession in 2009 and about 25% during the Great Depression of the 1930s. | 19.4% |
| Average \$/month lost | |
| × Average \$/month lost is shown for a household having the county's median income. Some households will not lose much income, but others will lose jobs or business earnings. We have included Washington's unemployment benefits, plus any extra Federal benefits. Your own household's cost will be higher or lower, depending on its baseline income and whether it loses jobs or business earnings. | \$190 |

In any policy you will consider, you can click on the name for each measure of cost if you wish to review what it means.

Q65. Timing

First Click: 0
Last Click: 0
Page Submit: 110.383
Click Count: 0

Q66.

YOUR POLICY CHOICES

Consider each choice separately. Don't hold out for a better policy that is NOT being offered in the current choice.

In each choice, the only alternative to the offered policies is "no pandemic rules." That option lets each person in Lewis County make their own decisions about what to do.

- Reasonable people can certainly disagree about pandemic policies. In some cases, a policy may cause too much hardship, result in too much unemployment and/or cost simply too much, given what it would do.
- In other cases, you might settle for a policy, even though it isn't perfect. The policy might still be better than just letting your county suffer all of the cases and deaths that would happen without the policy.

Most policy choices during a pandemic involve trade-offs between lost lives and lost jobs (or other financial hardship). Neither outcome is good. So please **vote for the option that you think would be *least bad*.**

You are welcome to discuss your policy preferences with others in your household before you make your choices, just as you might if preparing to vote in a real referendum.

Q67. Timing

First Click: 0
Last Click: 0
Page Submit: 88.819
Click Count: 0

Q68.

Please consider all features of each policy:

- Its **duration**;
- Baseline **cases and deaths** likely during that time, if no rules are imposed (on the left);
- The cases and deaths the policy would **prevent** (on the right);
- The policy's **mix of rules** on businesses or activities that your household may care about;
- The economic **cost of the policy**, as measured by
 - **Unemployment** (the share of workers unable to find jobs), or
 - **Average \$/month lost** for households in your county.

Remember, if the information in the table is not detailed enough, you can **click on the *name* of each feature** to review explanations.

The **Average \$/month lost** for Policy A takes into account **\$200/week** in extra unemployment benefits from the Federal government for those who are eligible.

Vote at the bottom of the screen, just as you would if this were a secret ballot in a real referendum. The policy would apply to the 76,947 people in Lewis County. Be sure to think carefully about *whether your household could live with the policy's costs*. There are no "right" or "wrong" answers. No one will be able to connect your choices in this survey to you as an individual.

Policy:

A

Duration in months

× Policy duration (months)

2

The length of time for the policy

5,580 cases, reduced by

× Baseline cases expected in this pandemic scenario, and how many fewer cases would be expected with the policy

If we let everyone decide for themselves what to do under this possible pandemic scenario, assume that the number of cases of pandemic illness expected in your county during the month(s) of the policy would be as shown on the left. The policy's rules are expected to *decrease* these cases by the number given on the right (taking into account how closely these rules will be followed).

2,849

69 deaths, reduced by

× Baseline deaths expected in this pandemic scenario, and how many fewer deaths would be expected with the policy


If we let everyone decide for themselves what to do under this possible pandemic scenario, assume that the number of deaths from pandemic illness expected in your county during the month(s) of the policy would be as shown on the left. The policy's rules are expected to *decrease* these deaths by the number given on the right (taking into account how closely these rules will be followed).


62


Strictness of rules:


Grocery, essential retail

× Grocery stores, other essential services

 = All open, minimal restrictions

 = Masks required


 = Masks required, limited occupancy

 = Delivery or curbside pick-up only





Non-essential retail

× Non-essential retail stores, and personal services

 = All open, minimal restrictions

 = Masks required, distancing, no waiting indoors


 = Masks required, limited occupancy (clients only), wellness assessment required


 = Delivery or curbside pickup only, online consultations where feasible





Schools, daycare

× Schools, daycare (for children 18 and under)

 = Normal classes, all levels, minimal restrictions

 = Daycare, grades 1-8 in-person; others on-line

 = Daycare, grades 1-4 in-person, but shortened school days; others on-line


 = Daycare only for children of essential workers, all other children at home, online





Universities, colleges

× Universities, community colleges and trade schools

 = All open, minimal restrictions

 = Masks required





 = Masks required, limited room occupancy

 = Online classes only



Parks, outdoor sports





× **Parks and recreation areas, campgrounds, playing/watching outdoor sports (baseball, golf, tennis; hiking or fishing on public lands)**

-  = Mostly open, minimal restrictions
-  = Masks required, limited occupancy/audiences
-  = Masks required, limited occupancy/audiences, day use only
-  = Closed or suspended



Gyms, indoor sports





× **Gyms, fitness studios, playing/watching indoor sports (basketball, hockey, etc.)**

-  = Mostly open, minimal restrictions
-  = Masks required, limited occupancy, no contact sports or shared equipment,
-  = Masks required, outdoor non-contact classes only, indoor activities suspended
-  = Closed, online fitness classes only



Theaters, concert halls





× **Movies, theaters, concert halls**

-  = Mostly open, minimal restrictions
-  = Masks required, limited occupancy
-  = Masks required, limited occupancy, no food service
-  = Closed



Restaurants, bars, clubs





× **Restaurants, bars/pubs, clubs**

-  = Mostly open, minimal restrictions
-  = Masks required except when eating or drinking, limited indoor seating, no self-serve
-  = Masks required except when eating or drinking, take-out or outdoor seating only
-  = Masks required, take-out service only



Meetings, religious services





× **Meetings for social or business groups, religious services (incl. weddings, funerals)**

-  = Mostly open, minimal restrictions
-  = Masks required, 6 ft distancing between groups of not more than 10 people
-  = Masks required, monitor distancing between groups, enhanced ventilation, limited duration, contact info retained
-  = Online, or outdoor meetings with masks and distancing only



Assisted living facilities

× **Assisted living facilities, other institutionalized populations**

-  = Visitors permitted, minimal restrictions
-  = Masks required, negative-test visitors only, distancing
-  = Masks required, limited negative-test outdoor visitors only, distancing
-  = No visitors permitted



Measures of cost:

Unemployment

× Unemployment rate (share of workers losing their jobs)

Much of the economic cost of a policy's rules will come from job losses and lost business income. Just before the current pandemic started, Washington's rate of unemployment was 3.8%. By comparison, unemployment was about 10% during the Great Recession in 2009 and about 25% during the Great Depression of the 1930s.

19.4%

Average \$/month lost

× Average \$/month lost is shown for a household having the county's median income. Some households will not lose much income, but others will lose jobs or business earnings. We have included Washington's unemployment benefits, plus any extra Federal benefits. Your own household's cost will be higher or lower, depending on its baseline income and whether it loses jobs or business earnings.

\$190

Policy:

A

In a vote about whether to adopt Policy A, or to set no pandemic rules, I would choose:

- ☒ Policy A with its cost and its mix of rules (reduces cases by 2,849 and deaths by 62)
- ☐ No pandemic rules, and just accept the 5,580 cases and 69 deaths expected if we let everyone decide for themselves what to do

Q69.

How certain are you that you would make the same choice if this were a real vote?

- ☒ Very certain
- ☐ Somewhat certain
- ☐ Not certain at all

Q165. Timing

First Click: 94.393
Last Click: 142.035
Page Submit: 207.292
Click Count: 3

Q71.

Please indicate why you would vote "NO" on Policy A. **Select as many reasons as apply.**

This question was not displayed to the respondent.

Q72. Timing
















This question was not displayed to the respondent.

Q73.

Now consider the same pandemic conditions, but forget about Policy A and consider a different option, Policy B.

The **Average \$/month lost** for Policy B takes into account **\$200/week** in extra unemployment benefits from the Federal government for those who are eligible.

Again, there might be some features of Policy B that may not seem fair or sensible, but the relevant question is whether you would prefer Policy B. Or, would you prefer a policy of no pandemic rules where we just let everyone decide for themselves what to do.

| Policy: | | B |
|---|--|---|
| Duration in months | | |
| × Policy duration (months) | | 2 |
| The length of time for the policy | | |
| 5,580 cases, reduced by | | |
| × Baseline cases expected in this pandemic scenario, and how many fewer cases would be expected with the policy | | |
| If we let everyone decide for themselves what to do under this possible pandemic scenario, assume that the number of cases of pandemic illness expected in your county during the month(s) of the policy would be as shown on the left. The policy's rules are expected to <i>decrease</i> these cases by the number given on the right (taking into account how closely these rules will be followed). | | 1,524 |
| 69 deaths, reduced by | | |
| × Baseline deaths expected in this pandemic scenario, and how many fewer deaths would be expected with the policy | | |
| If we let everyone decide for themselves what to do under this possible pandemic scenario, assume that the number of deaths from pandemic illness expected in your county during the month(s) of the policy would be as shown on the left. The policy's rules are expected to <i>decrease</i> these deaths by the number given on the right (taking into account how closely these rules will be followed). | | 26 |
| Strictness of rules: | | |
| Grocery, essential retail | | |
| × Grocery stores, other essential services | | |
|  = All open, minimal restrictions | | |
|  = Masks required | |  |
|  = Masks required, limited occupancy | | |
|  = Delivery or curbside pick-up only | | |
| Non-essential retail | | |
| × Non-essential retail stores, and personal services | | |
|  = All open, minimal restrictions | | |
|  = Masks required, distancing, no waiting indoors | |  |
|  = Masks required, limited occupancy (clients only), wellness assessment required | | |
|  = Delivery or curbside pickup only, online consultations where feasible | | |
| Schools, daycare | | |
| × Schools, daycare (for children 18 and under) | | |
|  = Normal classes, all levels, minimal restrictions | | |
|  = Daycare, grades 1-8 in-person; others on-line | |  |
|  = Daycare, grades 1-4 in-person, but shortened school days; others on-line | | |
|  = Daycare only for children of essential workers, all other children at home, online | | |

Universities, colleges

× Universities, community colleges and trade schools



= All open, minimal restrictions



= Masks required



= Masks required, limited room occupancy



= Online classes only



Parks, outdoor sports

× Parks and recreation areas, campgrounds, playing/watching outdoor sports (baseball, golf, tennis; hiking or fishing on public lands)



= Mostly open, minimal restrictions



= Masks required, limited occupancy/audiences



= Masks required, limited occupancy/audiences, day use only



= Closed or suspended



Gyms, indoor sports

× Gyms, fitness studios, playing/watching indoor sports (basketball, hockey, etc.)



= Mostly open, minimal restrictions



= Masks required, limited occupancy, no contact sports or shared equipment,



= Masks required, outdoor non-contact classes only, indoor activities suspended



= Closed, online fitness classes only



Theaters, concert halls

× Movies, theaters, concert halls



= Mostly open, minimal restrictions



= Masks required, limited occupancy



= Masks required, limited occupancy, no food service



= Closed



Restaurants, bars, clubs

× Restaurants, bars/pubs, clubs



= Mostly open, minimal restrictions



= Masks required except when eating or drinking, limited indoor seating, no self-serve



= Masks required except when eating or drinking, take-out or outdoor seating only



= Masks required, take-out service only



Meetings, religious services

× Meetings for social or business groups, religious services (incl. weddings, funerals)



= Mostly open, minimal restrictions



= Masks required, 6 ft distancing between groups of not more than 10 people



= Masks required, monitor distancing between groups, enhanced ventilation, limited duration, contact info retained







= Online, or outdoor meetings with masks and distancing only



Assisted living facilities

× **Assisted living facilities, other institutionalized populations**

-  = Visitors permitted, minimal restrictions
-  = Masks required, negative-test visitors only, distancing
-  = Masks required, limited negative-test outdoor visitors only, distancing
-  = No visitors permitted

Measures of cost:

Unemployment

× **Unemployment rate (share of workers losing their jobs)**

Much of the economic cost of a policy's rules will come from job losses and lost business income. Just before the current pandemic started, Washington's rate of unemployment was 3.8%. By comparison, unemployment was about 10% during the Great Recession in 2009 and about 25% during the Great Depression of the 1930s.

12.1%

Average \$/month lost

× Average \$/month lost is shown for a household having the county's median income. Some households will not lose much income, but others will lose jobs or business earnings. We have included Washington's unemployment benefits, plus any extra Federal benefits. Your own household's cost will be higher or lower, depending on its baseline income and whether it loses jobs or business earnings.

\$100

Policy:

B

In a vote about whether to adopt Policy B, or to set no pandemic rules, I would choose:

- ☒ Policy B with its cost and its mix of rules (reduces cases by 1,524 and deaths by 26)
- ☐ No pandemic rules, and just accept the 5,580 cases and 69 deaths expected if we let everyone decide for themselves what to do

Q74.

How certain are you that you would make the same choice if this were a real vote?

- ☒ Very certain
- ☐ Somewhat certain
- ☐ Not certain at all

Q75. Timing

First Click: 229.421
Last Click: 230.752
Page Submit: 234.796
Click Count: 2

Q76.

Please indicate why you would vote "NO" on Policy B. **Select as many reasons as apply.**

This question was not displayed to the respondent.

Q77. Timing

This question was not displayed to the respondent.

Q200. You voted "No" for both Policy A and Policy B. Might there be some policy involving pandemic rules for which you could possibly vote "Yes"?

This question was not displayed to the respondent.

Q209. Timing

This question was not displayed to the respondent.

Q78.
Now forget about those first two policies. Imagine some *different* possible pandemic conditions facing the 76,947 people in Lewis County.

Under these new conditions, think about Policies C and D. Each of these policies would last **2 months**. The **Average \$/month lost** under Policies C and D both take into account **\$200 per week in extra unemployment benefits** from the Federal government for those who are eligible.

| Policy: | C | D |
|--|--|--|
| <div>Duration in months</div> <div>× Policy duration (months)</div> <div>The length of time for the policy</div> | 2 | 2 |
| <div>2,399 cases, reduced by</div> <div>× Baseline cases expected in this pandemic scenario, and how many fewer cases would be expected with the policy</div> <div>If we let everyone decide for themselves what to do under this possible pandemic scenario, assume that the number of cases of pandemic illness expected in your county during the month(s) of the policy would be as shown on the left. The policy's rules are expected to <i>decrease</i> these cases by the number given on the right (taking into account how closely these rules will be followed).</div> | 431 | 2,195 |
| <div>17 deaths, reduced by</div> <div>× Baseline deaths expected in this pandemic scenario, and how many fewer deaths would be expected with the policy</div> <div>If we let everyone decide for themselves what to do under this possible pandemic scenario, assume that the number of deaths from pandemic illness expected in your county during the month(s) of the policy would be as shown on the left. The policy's rules are expected to <i>decrease</i> these deaths by the number given on the right (taking into account how closely these rules will be followed).</div> | 5 | 12 |
| Strictness of rules: | | |
| <div>Grocery, essential retail</div> <div>× Grocery stores, other essential services</div> <div><div><div></div><div></div><div></div></div> = All open, minimal restrictions</div> <div><div><div></div><div></div><div></div></div> = Masks required</div> <div><div><div></div><div></div><div></div></div> = Masks required, limited occupancy</div> <div><div><div></div><div></div><div></div></div> = Delivery or curbside pick-up only</div> | <div><div></div><div></div><div></div></div> | <div><div></div><div></div><div></div></div> |

Non-essential retail

× Non-essential retail stores, and personal services



= All open, minimal restrictions



= Masks required, distancing, no waiting indoors



= Masks required, limited occupancy (clients only), wellness assessment required



= Delivery or curbside pickup only, online consultations where feasible



Schools, daycare

× Schools, daycare (for children 18 and under)



= Normal classes, all levels, minimal restrictions



= Daycare, grades 1-8 in-person; others on-line



= Daycare, grades 1-4 in-person, but shortened school days; others on-line



= Daycare only for children of essential workers, all other children at home, online



Universities, colleges

× Universities, community colleges and trade schools



= All open, minimal restrictions



= Masks required



= Masks required, limited room occupancy



= Online classes only



Parks, outdoor sports

× Parks and recreation areas, campgrounds, playing/watching outdoor sports (baseball, golf, tennis; hiking or fishing on public lands)



= Mostly open, minimal restrictions



= Masks required, limited occupancy/audiences



= Masks required, limited occupancy/audiences, day use only



= Closed or suspended



Gyms, indoor sports

× Gyms, fitness studios, playing/watching indoor sports (basketball, hockey, etc.)



= Mostly open, minimal restrictions



= Masks required, limited occupancy, no contact sports or shared equipment,



= Masks required, outdoor non-contact classes only, indoor activities suspended



= Closed, online fitness classes only



Theaters, concert halls

× Movies, theaters, concert halls



= Mostly open, minimal restrictions



= Masks required, limited occupancy



= Masks required, limited occupancy, no food service



= Closed



Restaurants, bars, clubs

× **Restaurants, bars/pubs, clubs**



= Mostly open, minimal restrictions



= Masks required except when eating or drinking, limited indoor seating, no self-serve



= Masks required except when eating or drinking, take-out or outdoor seating only



= Masks required, take-out service only

Meetings, religious services

× **Meetings for social or business groups, religious services (incl. weddings, funerals)**



= Mostly open, minimal restrictions



= Masks required, 6 ft distancing between groups of not more than 10 people



= Masks required, monitor distancing between groups, enhanced ventilation, limited duration, contact info retained



= Online, or outdoor meetings with masks and distancing only

Assisted living facilities

× **Assisted living facilities, other institutionalized populations**



= Visitors permitted, minimal restrictions



= Masks required, negative-test visitors only, distancing



= Masks required, limited negative-test outdoor visitors only, distancing



= No visitors permitted

Measures of cost:

Unemployment

× **Unemployment rate (share of workers losing their jobs)**

Much of the economic cost of a policy's rules will come from job losses and lost business income. Just before the current pandemic started, Washington's rate of unemployment was 3.8%. By comparison, unemployment was about 10% during the Great Recession in 2009 and about 25% during the Great Depression of the 1930s.

16.8% 23.2%

Average \$/month lost

× Average \$/month lost is shown for a household having the county's median income. Some households will not lose much income, but others will lose jobs or business earnings. We have included Washington's unemployment benefits, plus any extra Federal benefits. Your own household's cost will be higher or lower, depending on its baseline income and whether it loses jobs or business earnings.

\$160 \$235

Policy:

C

D

In a vote about whether to adopt Policy C, Policy D, or to set no pandemic rules, I would choose:

- ☐ Policy C with its cost and its mix of rules (reduces cases by 431 and deaths by 5)
- ☒ Policy D with its cost and its mix of rules (reduces cases by 2,195 and deaths by 12)
- ☐ No pandemic rules, and just accept the 2,399 cases and 17 deaths expected if we let everyone decide for themselves what to do

Q79.

How certain are you that you would make the same choice if this were a real vote?

- ☒ Very certain

☐ Not certain at all

Click Count: 2

Policy:

Duration in months

× Policy duration (months)
The length of time for the policy

2,399 cases, reduced by

× Baseline cases expected in this pandemic scenario, and how many fewer cases would be expected with the policy
If we let everyone decide for themselves what to do under this possible pandemic scenario, assume that the number of cases of pandemic illness expected in your county during the month(s) of the policy would be as shown on the left. The policy's rules are expected to *decrease* these cases by the number given on the right (taking into account how closely these rules will be followed).

2,195

17 deaths, reduced by

× Baseline deaths expected in this pandemic scenario, and how many fewer deaths would be expected with the policy
If we let everyone decide for themselves what to do under this possible pandemic scenario, assume that the number of deaths from pandemic illness expected in your county during the month(s) of the policy would be as shown on the left. The policy's rules are expected to *decrease* these deaths by the number given on the right (taking into account how closely these rules will be followed).

12

Strictness of rules:

Grocery, essential retail

× Grocery stores, other essential services

= All open, minimal restrictions





= Masks required

= Masks required, limited occupancy

= Delivery or curbside pick-up only





Non-essential retail

× Non-essential retail stores, and personal services

-  = All open, minimal restrictions
-  = Masks required, distancing, no waiting indoors
-  = Masks required, limited occupancy (clients only), wellness assessment required
-  = Delivery or curbside pickup only, online consultations where feasible





Schools, daycare

× Schools, daycare (for children 18 and under)

-  = Normal classes, all levels, minimal restrictions
-  = Daycare, grades 1-8 in-person; others on-line
-  = Daycare, grades 1-4 in-person, but shortened school days; others on-line
-  = Daycare only for children of essential workers, all other children at home, online





Universities, colleges

× Universities, community colleges and trade schools

-  = All open, minimal restrictions
-  = Masks required
-  = Masks required, limited room occupancy
-  = Online classes only





Parks, outdoor sports

× Parks and recreation areas, campgrounds, playing/watching outdoor sports (baseball, golf, tennis; hiking or fishing on public lands)

-  = Mostly open, minimal restrictions
-  = Masks required, limited occupancy/audiences
-  = Masks required, limited occupancy/audiences, day use only
-  = Closed or suspended





Gyms, indoor sports

× Gyms, fitness studios, playing/watching indoor sports (basketball, hockey, etc.)

-  = Mostly open, minimal restrictions
-  = Masks required, limited occupancy, no contact sports or shared equipment,
-  = Masks required, outdoor non-contact classes only, indoor activities suspended
-  = Closed, online fitness classes only

Theaters, concert halls

× Movies, theaters, concert halls

-  = Mostly open, minimal restrictions
-  = Masks required, limited occupancy
-  = Masks required, limited occupancy, no food service
-  = Closed

Restaurants, bars, clubs

× **Restaurants, bars/pubs, clubs**



= Mostly open, minimal restrictions



= Masks required except when eating or drinking, limited indoor seating, no self-serve



= Masks required except when eating or drinking, take-out or outdoor seating only



= Masks required, take-out service only



Meetings, religious services

× **Meetings for social or business groups, religious services (incl. weddings, funerals)**



= Mostly open, minimal restrictions



= Masks required, 6 ft distancing between groups of not more than 10 people



= Masks required, monitor distancing between groups, enhanced ventilation, limited duration, contact info retained



= Online, or outdoor meetings with masks and distancing only



Assisted living facilities

× **Assisted living facilities, other institutionalized populations**



= Visitors permitted, minimal restrictions



= Masks required, negative-test visitors only, distancing



= Masks required, limited negative-test outdoor visitors only, distancing



= No visitors permitted



Measures of cost:

Unemployment

× **Unemployment rate (share of workers losing their jobs)**

Much of the economic cost of a policy's rules will come from job losses and lost business income. Just before the current pandemic started, Washington's rate of unemployment was 3.8%. By comparison, unemployment was about 10% during the Great Recession in 2009 and about 25% during the Great Depression of the 1930s.

23.2%

Average \$/month lost

× Average \$/month lost is shown for a household having the county's median income. Some households will not lose much income, but others will lose jobs or business earnings. We have included Washington's unemployment benefits, plus any extra Federal benefits. Your own household's cost will be higher or lower, depending on its baseline income and whether it loses jobs or business earnings.

\$235

Policy:

D

In a vote about whether to adopt Policy D, or to set no pandemic rules, I would choose:

This question was not displayed to the respondent.

Q84.

How certain are you that you would make the same choice if this were a real vote?

This question was not displayed to the respondent.

Q85. Timing

This question was not displayed to the respondent.

Q86.
Please indicate why you would vote "NO" on Policy D. **Select as many reasons as apply.**

This question was not displayed to the respondent.

Q87. Timing





This question was not displayed to the respondent.

Q88.
If Policy D had not been on that ballot, would you have voted for Policy C, repeated here?

| | |
|---|--|
| Policy: | C |
| <div>Duration in months</div> <div>× Policy duration (months)</div> <div>The length of time for the policy</div> | 2 |
| <div>2,399 cases, reduced by</div> <div>× Baseline cases expected in this pandemic scenario, and how many fewer cases would be expected with the policy</div> <div>If we let everyone decide for themselves what to do under this possible pandemic scenario, assume that the number of cases of pandemic illness expected in your county during the month(s) of the policy would be as shown on the left. The policy's rules are expected to <i>decrease</i> these cases by the number given on the right (taking into account how closely these rules will be followed).</div> | 431 |
| <div>17 deaths, reduced by</div> <div>× Baseline deaths expected in this pandemic scenario, and how many fewer deaths would be expected with the policy</div> <div>If we let everyone decide for themselves what to do under this possible pandemic scenario, assume that the number of deaths from pandemic illness expected in your county during the month(s) of the policy would be as shown on the left. The policy's rules are expected to <i>decrease</i> these deaths by the number given on the right (taking into account how closely these rules will be followed).</div> | 5 |
| Strictness of rules: | |
| <div>Grocery, essential retail</div> <div>× Grocery stores, other essential services</div> <div><div><div></div><div></div><div></div></div> = All open, minimal restrictions</div> <div><div><div></div><div></div><div></div></div> = Masks required</div> <div><div><div></div><div></div><div></div></div> = Masks required, limited occupancy</div> <div><div><div></div><div></div><div></div></div> = Delivery or curbside pick-up only</div> | <div><div></div><div></div><div></div></div> |
| <div>Non-essential retail</div> <div>× Non-essential retail stores, and personal services</div> <div><div><div></div><div></div><div></div></div> = All open, minimal restrictions</div> <div><div><div></div><div></div><div></div></div> = Masks required, distancing, no waiting indoors</div> <div><div><div></div><div></div><div></div></div> = Masks required, limited occupancy (clients only), wellness assessment required</div> <div><div><div></div><div></div><div></div></div> = Delivery or curbside pickup only, online consultations where feasible</div> | <div><div></div><div></div><div></div></div> |





Schools, daycare

× **Schools, daycare (for children 18 and under)**

-  = Normal classes, all levels, minimal restrictions
-  = Daycare, grades 1-8 in-person; others on-line
-  = Daycare, grades 1-4 in-person, but shortened school days; others on-line
-  = Daycare only for children of essential workers, all other children at home, online





Universities, colleges

× **Universities, community colleges and trade schools**

-  = All open, minimal restrictions
-  = Masks required
-  = Masks required, limited room occupancy
-  = Online classes only





Parks, outdoor sports

× **Parks and recreation areas, campgrounds, playing/watching outdoor sports (baseball, golf, tennis; hiking or fishing on public lands)**

-  = Mostly open, minimal restrictions
-  = Masks required, limited occupancy/audiences
-  = Masks required, limited occupancy/audiences, day use only
-  = Closed or suspended





Gyms, indoor sports

× **Gyms, fitness studios, playing/watching indoor sports (basketball, hockey, etc.)**

-  = Mostly open, minimal restrictions
-  = Masks required, limited occupancy, no contact sports or shared equipment,
-  = Masks required, outdoor non-contact classes only, indoor activities suspended
-  = Closed, online fitness classes only





Theaters, concert halls

× **Movies, theaters, concert halls**

-  = Mostly open, minimal restrictions
-  = Masks required, limited occupancy
-  = Masks required, limited occupancy, no food service
-  = Closed

Restaurants, bars, clubs

× **Restaurants, bars/pubs, clubs**

-  = Mostly open, minimal restrictions
-  = Masks required except when eating or drinking, limited indoor seating, no self-serve
-  = Masks required except when eating or drinking, take-out or outdoor seating only
-  = Masks required, take-out service only

Meetings, religious services

× Meetings for social or business groups, religious services (incl. weddings, funerals)



= Mostly open, minimal restrictions



= Masks required, 6 ft distancing between groups of not more than 10 people



= Masks required, monitor distancing between groups, enhanced ventilation, limited duration, contact info retained



= Online, or outdoor meetings with masks and distancing only

Assisted living facilities

× Assisted living facilities, other institutionalized populations



= Visitors permitted, minimal restrictions



= Masks required, negative-test visitors only, distancing



= Masks required, limited negative-test outdoor visitors only, distancing



= No visitors permitted

Measures of cost:

Unemployment

× Unemployment rate (share of workers losing their jobs)

Much of the economic cost of a policy's rules will come from job losses and lost business income. Just before the current pandemic started, Washington's rate of unemployment was 3.8%. By comparison, unemployment was about 10% during the Great Recession in 2009 and about 25% during the Great Depression of the 1930s.

16.8%

Average \$/month lost

× Average \$/month lost is shown for a household having the county's median income. Some households will not lose much income, but others will lose jobs or business earnings. We have included Washington's unemployment benefits, plus any extra Federal benefits. Your own household's cost will be higher or lower, depending on its baseline income and whether it loses jobs or business earnings.

\$160

Policy:

C

In a vote about whether to adopt Policy C, or to set no pandemic rules, I would choose:

- ☒ Policy C with its cost and its mix of rules (reduces cases by 431 and deaths by 5)
- ☐ No pandemic rules, and just accept the 2,399 cases and 17 deaths expected if we let everyone decide for themselves what to do

Q89.

How certain are you that you would make the same choice if this were a real vote?

- ☒ Very certain
- ☐ Somewhat certain
- ☐ Not certain at all

Q90. Timing

First Click: 62.871

Last Click: 65.417

Q91.
Please indicate why you would vote "NO" on Policy C. **Select as many reasons as apply.**

This question was not displayed to the respondent.

Q92. Timing

This question was not displayed to the respondent.

Q93.
Now forget we ever talked about those four earlier policies. Think about a final set of possible pandemic conditions. These are different again.

Now let's consider Policies E and F. Each of these policies would last 2 months. The **Average \$/month lost** under Policies E and F both take into account **\$400 per week in extra unemployment benefits** from the Federal government for those who are eligible.

| Policy: | E | F |
|---|--|--|
| <div>Duration in months</div> <div>× Policy duration (months)</div> <div>The length of time for the policy</div> | 2 | 2 |
| <div>1,924 cases, reduced by</div> <div>× Baseline cases expected in this pandemic scenario, and how many fewer cases would be expected with the policy</div> <div>If we let everyone decide for themselves what to do under this possible pandemic scenario, assume that the number of cases of pandemic illness expected in your county during the month(s) of the policy would be as shown on the left. The policy's rules are expected to <i>decrease</i> these cases by the number given on the right (taking into account how closely these rules will be followed).</div> | 1,330 | 1,187 |
| <div>28 deaths, reduced by</div> <div>× Baseline deaths expected in this pandemic scenario, and how many fewer deaths would be expected with the policy</div> <div>If we let everyone decide for themselves what to do under this possible pandemic scenario, assume that the number of deaths from pandemic illness expected in your county during the month(s) of the policy would be as shown on the left. The policy's rules are expected to <i>decrease</i> these deaths by the number given on the right (taking into account how closely these rules will be followed).</div> | 16 | 28 |
| Strictness of rules: | | |
| <div>Grocery, essential retail</div> <div>× Grocery stores, other essential services</div> <div><div><div></div><div></div><div></div></div> = All open, minimal restrictions</div> <div><div><div></div><div></div><div></div></div> = Masks required</div> <div><div><div></div><div></div><div></div></div> = Masks required, limited occupancy</div> <div><div><div></div><div></div><div></div></div> = Delivery or curbside pick-up only</div> | <div><div></div><div></div><div></div></div> | <div><div></div><div></div><div></div></div> |

Non-essential retail

× Non-essential retail stores, and personal services



= All open, minimal restrictions



= Masks required, distancing, no waiting indoors



= Masks required, limited occupancy (clients only), wellness assessment required



= Delivery or curbside pickup only, online consultations where feasible



Schools, daycare

× Schools, daycare (for children 18 and under)



= Normal classes, all levels, minimal restrictions



= Daycare, grades 1-8 in-person; others on-line



= Daycare, grades 1-4 in-person, but shortened school days; others on-line



= Daycare only for children of essential workers, all other children at home, online



Universities, colleges

× Universities, community colleges and trade schools



= All open, minimal restrictions



= Masks required



= Masks required, limited room occupancy



= Online classes only



Parks, outdoor sports

× Parks and recreation areas, campgrounds, playing/watching outdoor sports (baseball, golf, tennis; hiking or fishing on public lands)



= Mostly open, minimal restrictions



= Masks required, limited occupancy/audiences



= Masks required, limited occupancy/audiences, day use only



= Closed or suspended



Gyms, indoor sports

× Gyms, fitness studios, playing/watching indoor sports (basketball, hockey, etc.)



= Mostly open, minimal restrictions



= Masks required, limited occupancy, no contact sports or shared equipment,



= Masks required, outdoor non-contact classes only, indoor activities suspended



= Closed, online fitness classes only



Theaters, concert halls

× Movies, theaters, concert halls



= Mostly open, minimal restrictions



= Masks required, limited occupancy


















= Masks required, limited occupancy, no food service



= Closed



| | | |
|--|---|---|
| Restaurants, bars, clubs | | |
| × Restaurants, bars/pubs, clubs | | |
|  = Mostly open, minimal restrictions | | |
|  = Masks required except when eating or drinking, limited indoor seating, no self-serve |  |  |
|  = Masks required except when eating or drinking, take-out or outdoor seating only | | |
|  = Masks required, take-out service only | | |
| Meetings, religious services | | |
| × Meetings for social or business groups, religious services (incl. weddings, funerals) | | |
|  = Mostly open, minimal restrictions | | |
|  = Masks required, 6 ft distancing between groups of not more than 10 people |  |  |
|  = Masks required, monitor distancing between groups, enhanced ventilation, limited duration, contact info retained | | |
|  = Online, or outdoor meetings with masks and distancing only | | |
| Assisted living facilities | | |
| × Assisted living facilities, other institutionalized populations | | |
|  = Visitors permitted, minimal restrictions | | |
|  = Masks required, negative-test visitors only, distancing |  |  |
|  = Masks required, limited negative-test outdoor visitors only, distancing | | |
|  = No visitors permitted | | |
| Measures of cost: | | |
| Unemployment | | |
| × Unemployment rate (share of workers losing their jobs) | | |
| Much of the economic cost of a policy's rules will come from job losses and lost business income. Just before the current pandemic started, Washington's rate of unemployment was 3.8%. By comparison, unemployment was about 10% during the Great Recession in 2009 and about 25% during the Great Depression of the 1930s. | 11.6% | 20.6% |
| Average \$/month lost | | |
| × Average \$/month lost is shown for a household having the county's median income. Some households will not lose much income, but others will lose jobs or business earnings. We have included Washington's unemployment benefits, plus any extra Federal benefits. Your own household's cost will be higher or lower, depending on its baseline income and whether it loses jobs or business earnings. | \$25 | \$55 |
| Policy: | E | F |

In a vote about whether to adopt Policy E, Policy F, or to set no pandemic rules, I would choose:

- ☐ Policy E with its cost and its mix of rules (reduces cases by 1,330 and deaths by 16)
- ☒ Policy F with its cost and its mix of rules (reduces cases by 1,187 and deaths by 28)
- ☐ No pandemic rules, and just accept the 1,924 cases and 28 deaths expected if we let everyone decide for themselves what to do

Q94.

How certain are you that you would make the same choice if this were a real vote?

- ☒ Very certain

- ☒ Somewhat certain
- ☐ Not certain at all

Q95. Timing

First Click: 86.429
Last Click: 88.092
Page Submit: 90.235
Click Count: 2

Q96.
Please indicate why you would prefer No Policy to both Policy E and Policy F. **Select as many reasons as apply.**

This question was not displayed to the respondent.

Q97. Timing

This question was not displayed to the respondent.

Q98.
If Policy E had not been on that ballot, would you have voted for Policy F, repeated here?

Policy:

Duration in months

× Policy duration (months)

The length of time for the policy

1,924 cases, reduced by

× Baseline cases expected in this pandemic scenario, and how many fewer cases would be expected with the policy

If we let everyone decide for themselves what to do under this possible pandemic scenario, assume that the number of cases of pandemic illness expected in your county during the month(s) of the policy would be as shown on the left. The policy's rules are expected to *decrease* these cases by the number given on the right (taking into account how closely these rules will be followed).

28 deaths, reduced by

× Baseline deaths expected in this pandemic scenario, and how many fewer deaths would be expected with the policy

If we let everyone decide for themselves what to do under this possible pandemic scenario, assume that the number of deaths from pandemic illness expected in your county during the month(s) of the policy would be as shown on the left. The policy's rules are expected to *decrease* these deaths by the number given on the right (taking into account how closely these rules will be followed).

Strictness of rules:

Grocery, essential retail

× Grocery stores, other essential services

= All open, minimal restrictions

= Masks required

= Masks required, limited occupancy

= Delivery or curbside pick-up only

F





2

1,187

28





Non-essential retail

× Non-essential retail stores, and personal services

-  = All open, minimal restrictions
-  = Masks required, distancing, no waiting indoors
-  = Masks required, limited occupancy (clients only), wellness assessment required
-  = Delivery or curbside pickup only, online consultations where feasible





Schools, daycare

× Schools, daycare (for children 18 and under)

-  = Normal classes, all levels, minimal restrictions
-  = Daycare, grades 1-8 in-person; others on-line
-  = Daycare, grades 1-4 in-person, but shortened school days; others on-line
-  = Daycare only for children of essential workers, all other children at home, online





Universities, colleges

× Universities, community colleges and trade schools

-  = All open, minimal restrictions
-  = Masks required
-  = Masks required, limited room occupancy
-  = Online classes only





Parks, outdoor sports

× Parks and recreation areas, campgrounds, playing/watching outdoor sports (baseball, golf, tennis; hiking or fishing on public lands)

-  = Mostly open, minimal restrictions
-  = Masks required, limited occupancy/audiences
-  = Masks required, limited occupancy/audiences, day use only
-  = Closed or suspended





Gyms, indoor sports

× Gyms, fitness studios, playing/watching indoor sports (basketball, hockey, etc.)

-  = Mostly open, minimal restrictions
-  = Masks required, limited occupancy, no contact sports or shared equipment,
-  = Masks required, outdoor non-contact classes only, indoor activities suspended
-  = Closed, online fitness classes only

Theaters, concert halls

× Movies, theaters, concert halls

-  = Mostly open, minimal restrictions
-  = Masks required, limited occupancy
-  = Masks required, limited occupancy, no food service
-  = Closed

Restaurants, bars, clubs

× **Restaurants, bars/pubs, clubs**



= Mostly open, minimal restrictions



= Masks required except when eating or drinking, limited indoor seating, no self-serve



= Masks required except when eating or drinking, take-out or outdoor seating only



= Masks required, take-out service only



Meetings, religious services

× **Meetings for social or business groups, religious services (incl. weddings, funerals)**



= Mostly open, minimal restrictions



= Masks required, 6 ft distancing between groups of not more than 10 people



= Masks required, monitor distancing between groups, enhanced ventilation, limited duration, contact info retained



= Online, or outdoor meetings with masks and distancing only



Assisted living facilities

× **Assisted living facilities, other institutionalized populations**



= Visitors permitted, minimal restrictions



= Masks required, negative-test visitors only, distancing



= Masks required, limited negative-test outdoor visitors only, distancing



= No visitors permitted



Measures of cost:

Unemployment

× **Unemployment rate (share of workers losing their jobs)**

Much of the economic cost of a policy's rules will come from job losses and lost business income. Just before the current pandemic started, Washington's rate of unemployment was 3.8%. By comparison, unemployment was about 10% during the Great Recession in 2009 and about 25% during the Great Depression of the 1930s.

20.6%

Average \$/month lost

× Average \$/month lost is shown for a household having the county's median income. Some households will not lose much income, but others will lose jobs or business earnings. We have included Washington's unemployment benefits, plus any extra Federal benefits. Your own household's cost will be higher or lower, depending on its baseline income and whether it loses jobs or business earnings.

\$55

Policy:

F

In a vote about whether to adopt Policy F, or to set no pandemic rules, I would choose:

This question was not displayed to the respondent.

Q99.

How certain are you that you would make the same choice if this were a real vote?

This question was not displayed to the respondent.

Q100. Timing

This question was not displayed to the respondent.

Q101.
Please indicate why you would vote "NO" on Policy F. **Select as many reasons as apply.**

This question was not displayed to the respondent.

Q102. Timing





This question was not displayed to the respondent.

Q103.
If Policy F had not been on that ballot, would you have voted for Policy E, repeated here?

| | |
|---|---|
| Policy: | E |
| <div>Duration in months</div> <div>× Policy duration (months)</div> <div>The length of time for the policy</div> | 2 |
| <div>1,924 cases, reduced by</div> <div>× Baseline cases expected in this pandemic scenario, and how many fewer cases would be expected with the policy</div> <div>If we let everyone decide for themselves what to do under this possible pandemic scenario, assume that the number of cases of pandemic illness expected in your county during the month(s) of the policy would be as shown on the left. The policy's rules are expected to <i>decrease</i> these cases by the number given on the right (taking into account how closely these rules will be followed).</div> | 1,330 |
| <div>28 deaths, reduced by</div> <div>× Baseline deaths expected in this pandemic scenario, and how many fewer deaths would be expected with the policy</div> <div>If we let everyone decide for themselves what to do under this possible pandemic scenario, assume that the number of deaths from pandemic illness expected in your county during the month(s) of the policy would be as shown on the left. The policy's rules are expected to <i>decrease</i> these deaths by the number given on the right (taking into account how closely these rules will be followed).</div> | 16 |
| Strictness of rules: | |
| <div>Grocery, essential retail</div> <div>× Grocery stores, other essential services</div> <div><div><div></div><div></div><div></div></div> = All open, minimal restrictions</div> <div><div><div></div><div></div><div></div><div></div></div> = Masks required</div> <div><div><div></div><div></div><div></div><div></div><div></div></div> = Masks required, limited occupancy</div> <div><div><div></div><div></div><div></div><div></div><div></div><div></div></div> = Delivery or curbside pick-up only</div> | <div><div></div><div></div><div></div></div> |
| <div>Non-essential retail</div> <div>× Non-essential retail stores, and personal services</div> <div><div><div></div><div></div><div></div></div> = All open, minimal restrictions</div> <div><div><div></div><div></div><div></div><div></div></div> = Masks required, distancing, no waiting indoors</div> <div><div><div></div><div></div><div></div><div></div><div></div></div> = Masks required, limited occupancy (clients only), wellness assessment required</div> <div><div><div></div><div></div><div></div><div></div><div></div><div></div></div> = Delivery or curbside pickup only, online consultations where feasible</div> | <div><div></div><div></div><div></div><div></div></div> |





Schools, daycare

× **Schools, daycare (for children 18 and under)**

-  = Normal classes, all levels, minimal restrictions
-  = Daycare, grades 1-8 in-person; others on-line
-  = Daycare, grades 1-4 in-person, but shortened school days; others on-line
-  = Daycare only for children of essential workers, all other children at home, online





Universities, colleges

× **Universities, community colleges and trade schools**

-  = All open, minimal restrictions
-  = Masks required
-  = Masks required, limited room occupancy
-  = Online classes only





Parks, outdoor sports

× **Parks and recreation areas, campgrounds, playing/watching outdoor sports (baseball, golf, tennis; hiking or fishing on public lands)**

-  = Mostly open, minimal restrictions
-  = Masks required, limited occupancy/audiences
-  = Masks required, limited occupancy/audiences, day use only
-  = Closed or suspended





Gyms, indoor sports

× **Gyms, fitness studios, playing/watching indoor sports (basketball, hockey, etc.)**

-  = Mostly open, minimal restrictions
-  = Masks required, limited occupancy, no contact sports or shared equipment,
-  = Masks required, outdoor non-contact classes only, indoor activities suspended
-  = Closed, online fitness classes only





Theaters, concert halls

× **Movies, theaters, concert halls**

-  = Mostly open, minimal restrictions
-  = Masks required, limited occupancy
-  = Masks required, limited occupancy, no food service
-  = Closed

Restaurants, bars, clubs

× **Restaurants, bars/pubs, clubs**

-  = Mostly open, minimal restrictions
-  = Masks required except when eating or drinking, limited indoor seating, no self-serve
-  = Masks required except when eating or drinking, take-out or outdoor seating only
-  = Masks required, take-out service only

Meetings, religious services

× Meetings for social or business groups, religious services (incl. weddings, funerals)



= Mostly open, minimal restrictions



= Masks required, 6 ft distancing between groups of not more than 10 people



= Masks required, monitor distancing between groups, enhanced ventilation, limited duration, contact info retained



= Online, or outdoor meetings with masks and distancing only

Assisted living facilities

× Assisted living facilities, other institutionalized populations



= Visitors permitted, minimal restrictions



= Masks required, negative-test visitors only, distancing



= Masks required, limited negative-test outdoor visitors only, distancing



= No visitors permitted

Measures of cost:

Unemployment

× Unemployment rate (share of workers losing their jobs)

Much of the economic cost of a policy's rules will come from job losses and lost business income. Just before the current pandemic started, Washington's rate of unemployment was 3.8%. By comparison, unemployment was about 10% during the Great Recession in 2009 and about 25% during the Great Depression of the 1930s.

11.6%

Average \$/month lost

× Average \$/month lost is shown for a household having the county's median income. Some households will not lose much income, but others will lose jobs or business earnings. We have included Washington's unemployment benefits, plus any extra Federal benefits. Your own household's cost will be higher or lower, depending on its baseline income and whether it loses jobs or business earnings.

\$25

Policy:

E

In a vote about whether to adopt Policy E, or to set no pandemic rules, I would choose:

- ☒ Policy E with its cost and its mix of rules (reduces cases by 1,330 and deaths by 16)
- ☐ No pandemic rules, and just accept the 1,924 cases and 28 deaths expected if we let everyone decide for themselves what to do

Q104.

How certain are you that you would make the same choice if this were a real vote?

- ☒ Very certain
- ☐ Somewhat certain
- ☐ Not certain at all

Q105. Timing

First Click: 38.926

Last Click: 41.515

Q106.

Please indicate why you would vote "NO" on Policy E. **Select as many reasons as apply.**

This question was not displayed to the respondent.

Q107. Timing

This question was not displayed to the respondent.

Q187. Reflect on your pandemic policy choices on the previous screens. Compared to the **Average \$/month lost** by households in Lewis County, did you assume that the **actual cost** to **your own household** would be:

- ☐ Much higher
- ☐ Somewhat higher
- ☒ About the same
- ☐ Somewhat lower
- ☐ Much lower

Q210. Timing

First Click: 18.182
Last Click: 18.182
Page Submit: 22.367
Click Count: 1

Q201. You are not alone in thinking that many pandemic rules are a bad idea, including any current rules in your own county. Still, we would like to give you a chance to "design your own pandemic policy." Would you be willing to give this a try?

This question was not displayed to the respondent.

Q223. Timing

This question was not displayed to the respondent.

Q108.

While you may have voted for one or more of them, perhaps none of Policies A, B, C, D, E, or F would be **the best** for Washington, or for for Lewis County, in your opinion.

Consider the same pandemic conditions that were described for Policies E and F. Assume again that if no rules are imposed, over the **next 2 months** in **Lewis County**, the pandemic will cause about:

- **1,924 cases**
- **28 deaths**

Assume **\$400 per week in extra unemployment benefits** from the Federal government for those who are eligible.





If **YOU** could decide the mix of rules for **a policy that lasts 2 months**, what would these be? Select one level for each type of business or activity. Remember, more red bars mean stricter rules.

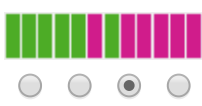
After you choose your preferred mix of rules, we will also ask how many cases and deaths you might expect this policy to prevent, as well as how much unemployment might result.

Again, you can click on the **name of each type** to review what things are included.

Your ideal strictness of rules on Grocery, essential retail

× **Grocery stores, other essential services**

-  = All open, minimal restrictions
-  = Masks required
-  = Masks required, limited occupancy
-  = Delivery or curbside pick-up only



Q203.
To think about possible policies, we need to start with a given set of pandemic conditions. Assume that if no rules are imposed, over the **next 2 months** in **Lewis County**, the pandemic will cause about:

- **1,924 cases**
- **28 deaths**

Assume **\$400 per week in extra unemployment benefits** from the Federal government for those who are eligible.





If **YOU** could decide the mix of rules for **a policy that lasts 2 months**, what would these be? Select one level for each type of business or activity. Remember, more red bars mean stricter rules.

After you choose your preferred mix of rules, we will also ask how many cases and deaths you might expect this policy to prevent, as well as how much unemployment might result.

Again, you can click on the **name of each type** to review what things are included.

Your ideal strictness of rules on Grocery, essential retail





× **Grocery stores, other essential services**

-  = All open, minimal restrictions
-  = Masks required
-  = Masks required, limited occupancy
-  = Delivery or curbside pick-up only

This question was not displayed to the respondent.

Q109. Your ideal strictness of rules on Non-essential retail





× **Non-essential retail stores, and personal services**

-  = All open, minimal restrictions
-  = Masks required, distancing, no waiting indoors
-  = Masks required, limited occupancy (clients only), wellness assessment required
-  = Delivery or curbside pickup only, online consultations where feasible



Q110. Your ideal strictness of rules on Schools, daycare





× **Schools, daycare (for children 18 and under)**

-  = Normal classes, all levels, minimal restrictions
-  = Daycare, grades 1-8 in-person; others on-line
-  = Daycare, grades 1-4 in-person, but shortened school days; others on-line
-  = Daycare only for children of essential workers, all other children at home, online



Q111. Your ideal strictness of rules on Universities, colleges





× **Universities, community colleges and trade schools**

-  = All open, minimal restrictions
-  = Masks required
-  = Masks required, limited room occupancy
-  = Online classes only



Q112. Your ideal strictness of rules on Parks, outdoor sports

× **Parks and recreation areas, campgrounds, playing/watching outdoor sports (baseball, golf, tennis; hiking or fishing on public lands)**

-  = Mostly open, minimal restrictions
-  = Masks required, limited occupancy/audiences
-  = Masks required, limited occupancy/audiences, day use only
-  = Closed or suspended



Q113. Your ideal strictness of rules on Gyms, indoor sports

× **Gyms, fitness studios, playing/watching indoor sports (basketball, hockey, etc.)**



= Mostly open, minimal restrictions



= Masks required, limited occupancy, no contact sports or shared equipment,



= Masks required, outdoor non-contact classes only, indoor activities suspended



= Closed, online fitness classes only



Q114. Your ideal strictness of rules on Theaters, concert halls

× **Movies, theaters, concert halls**



= Mostly open, minimal restrictions



= Masks required, limited occupancy



= Masks required, limited occupancy, no food service



= Closed



Q115. Your ideal strictness of rules on Restaurants, bars, clubs

× **Restaurants, bars/pubs, clubs**



= Mostly open, minimal restrictions



= Masks required except when eating or drinking, limited indoor seating, no self-serve



= Masks required except when eating or drinking, take-out or outdoor seating only



= Masks required, take-out service only



Q116. Your ideal strictness of rules on Meetings, religious services

× **Meetings for social or business groups, religious services (incl. weddings, funerals)**



= Mostly open, minimal restrictions




= Masks required, 6 ft distancing between groups of not more than 10 people



= Masks required, monitor distancing between groups, enhanced ventilation, limited duration, contact





info retained

 = Online, or outdoor meetings with masks and distancing only



Q117. Your ideal strictness of rules on Assisted living facilities

× **Assisted living facilities, other institutionalized populations**

-  = Visitors permitted, minimal restrictions
-  = Masks required, negative-test visitors only, distancing
-  = Masks required, limited negative-test outdoor visitors only, distancing
-  = No visitors permitted



Q118. Timing

First Click: 199.69
Last Click: 511.878
Page Submit: 517.472
Click Count: 23

Q119.

Remember that one option would be to let everyone decide for themselves what to do under these pandemic conditions. We are assuming we could expect **about 1,924 cases** of pandemic illness in Lewis County over **2 months** without pandemic rules.

What is the maximum number you would be OK with, for cases of pandemic illness, under your ideal set of rules for these businesses and activities? You may need to scroll to see all the options. Just select your best guess.

- ☒ less than 192
- ☐ 192 to 385
- ☐ 385 to 577
- ☐ 577 to 770
- ☐ 770 to 962
- ☐ 962 to 1,154
- ☐ 1,154 to 1,347
- ☐ 1,347 to 1,539
- ☐ 1,539 to 1,732
- ☐ 1,732 or more
- ☐ [No idea how many]

Q120. Timing

First Click: 85.102
Last Click: 85.102
Page Submit: 88.873
Click Count: 1

Q121.

We are assuming we could also expect **about 28 deaths** from pandemic illness in Lewis County over **2 months**, if we let everyone decide for themselves what to do.

Everyone eventually dies from something. **What is the maximum number you would be OK with, for deaths from pandemic illness, under your ideal set of rules for these businesses and activities?** You may need to scroll to see all the options. Just select your best guess.

- ☒ less than 6
- ☐ 6 to 11
- ☐ 11 to 17
- ☐ 17 to 22
- ☐ 22 or more
- ☐ [No idea how many]

Q122. Timing

First Click: 34.963
Last Click: 35.882
Page Submit: 133.662
Click Count: 2

Q169.

Consider your ideal set of pandemic rules, and their potential effect on the economy. **About what would be the maximum level of unemployment you could live with, over 2 months, under your ideal set of rules?**

Continue to assume **\$400 per week in extra unemployment benefits** from the Federal government for those who are eligible.

Recall that Washington's unemployment rate was about 3.8%, just before the current pandemic began. Select your best guess.

- ☐ 0% to 5%
- ☒ 5% to 10%
- ☐ 10% to 15%
- ☐ 15% to 20%
- ☐ 20% to 25%
- ☐ 25% to 30%
- ☐ 30% to 35%

- ☐ 35% to 40%
- ☐ More than 40%
- ☐ Don't know / Not sure

Q124. Timing

First Click: 44.251
Last Click: 44.251
Page Submit: 47.6
Click Count: 1

Q125.



That's it for the policy choices. You are doing great!

Surveys like this one can be much harder than most opinion surveys. Your choices, along with those of other people in this study, provide important information about the trade-offs that Washingtonians are willing to make.

The next part of the survey will be more typical. Most of the questions just ask for some facts, or for simple opinions.

Q213. Timing

First Click: 0
Last Click: 0
Page Submit: 60.793
Click Count: 0

Q126.

SOME QUESTIONS ABOUT YOUR HOUSEHOLD

This information will allow us to group your answers with those of others who are like you. Your answers will be anonymous.

Including yourself, is there anyone in your household in each of these age groups?

Click if you wish to check what we mean by a household

× For this survey, consider your “household” to be your own family (or some other set of people to which you belong), where these people share the same permanent address, and where the members *share their financial resources and make important spending decisions jointly*. For example, if someone claims you as a dependent on their income tax return, you are part of that family. (One financially independent person can also count as a household, even if they have roommates.)

Check all that apply.

- ☐ 0 to 1 year
- ☐ 2 to 5 years
- ☐ 6 to 12 years
- ☐ 13 to 17 years

☒ 18 to 64 years

☒ 65 years or more

Q127. Timing

First Click: 25.178

Last Click: 26.341

Page Submit: 28.919

Click Count: 2

Q179. What is your marital status?

☒ Married (or equivalent)

☐ Single

☐ Prefer not to say

Q214. Timing

First Click: 1.359

Last Click: 1.359

Page Submit: 3.781

Click Count: 1

Q128.

Do you have a family member or a close friend who lives in any of the following?

- An assisted-living complex
- A long-term care facility or nursing home
- A detention or correctional facility
- Any similar institution where social distancing is difficult and they cannot easily move elsewhere

☐ Yes

☒ No

☐ Don't know / Not sure

Q215. Timing

First Click: 10.728

Last Click: 10.728

Page Submit: 17.171

Click Count: 1

Q129.

Did any members of your household rely on public transit to get to work before the pandemic started? For example, did they ride a bus, train, streetcar or other shared transportation?

☐ Yes

☐ Only sometimes

☒ No

Q216. Timing

First Click: 9.241

Last Click: 9.241

Page Submit: 11.534

Click Count: 1

Q130. For about how many years, so far, have you lived in Lewis County?

☐ 2 years or less

☐ 3 to 5 years

☐ 6 to 10 years

☒ More than 10 years

Q217. Timing

First Click: 6.701

Last Click: 6.701

Page Submit: 9.035

Click Count: 1

Q131. For about how many **more** years do you expect to continue to live in Lewis County?

☐ 2 years or less

☐ 3 to 5 years

☐ 6 to 10 years

☒ More than 10 years

☐ Don't know / Not sure / It depends...

Q218. Timing

First Click: 9.928

Last Click: 9.928

Page Submit: 13.349

Click Count: 1

Q132.

Do you, personally, have any of the following health conditions? At least some research suggests they may affect your pandemic risks. Check any group that applies. Remember that nobody will be able to connect your answers to you as an individual.

- ☒ Still NOT had a COVID-19 vaccine
- ☒ High blood pressure, heart disease, history of stroke(s)
- ☐ Diabetes, obesity
- ☐ Respiratory problems (asthma, emphysema, COPD), recent or current smoker
- ☐ Cancers, chronic kidney disease, immune disorder
- ☐ Advanced age
- ☐ Current pregnancy
- ☐ Previous or current COVID-19 infection (suspected or confirmed)
- ☐ Other (please specify)
- ☐ None of the above

Q133. Timing

First Click: 20.008
Last Click: 23.986
Page Submit: 47.182
Click Count: 2

Q134. Does **anyone close to you, whom you care about**, have any of these same conditions? Check any group that applies.

- ☒ Still NOT had a COVID vaccine
- ☐ High blood pressure, heart disease, history of stroke(s)
- ☐ Diabetes, obesity
- ☐ Respiratory problems (asthma, emphysema, COPD), recent or current smoker
- ☐ Cancers, chronic kidney disease, immune disorder
- ☐ Advanced age
- ☐ Current pregnancy
- ☐ Previous or current COVID-19 (suspected or confirmed)
- ☐ Other (please specify)
- ☐ None of the above
- ☐ Don't know / Not sure

Q135. Timing

First Click: 13.248
Last Click: 13.248
Page Submit: 120.391
Click Count: 1

Q138. If **one person** catches COVID-19, about **how many other people will they infect**, on average? Scroll to see all the options. Check a range of boxes if you can't narrow your answer to just one option (or choose Don't know / Not sure)

- ☐ 0 to 1
- ☐ 1 to 2
- ☐ 2 to 3
- ☐ 3 to 5
- ☐ 5 to 7
- ☐ 7 to 10
- ☐ More than 10
- ☒ Don't know / Not sure

Q139. Timing

First Click: 262.129
Last Click: 262.129
Page Submit: 264.613
Click Count: 1

Q140.

Suppose someone catches COVID-19. Are they **more likely than average to be hospitalized or to die** if they belong to any of these groups? Select all that apply (where the list is in no particular order)

- ☐ Children
- ☐ Teens and young adults
- ☒ Seniors
- ☐ Women
- ☐ Men
- ☐ Non-white racial groups
- ☐ Non-native English speakers
- ☐ People with low incomes
- ☐ People who live in rural areas
- ☐ People with not much scientific training or knowledge
- ☐ Essential workers, if they catch COVID-19
- ☐ Other (please specify)
- ☐ None of the above

Q141. Timing

First Click: 24.266
Last Click: 24.266
Page Submit: 92.121
Click Count: 1

Q142.

People are more likely to die from COVID-19 if they cannot get good medical care. Good care may be hard to find if too many other people are sick.

Suppose the pandemic gets a lot worse in your area. **How would you rate your chances of getting good medical care in Lewis County, compared to other counties in Washington?**

- ☐ Excellent
- ☐ Good
- ☒ Average
- ☐ Poor
- ☐ Terrible
- ☐ Don't know / Not sure

Q143. Timing

First Click: 33.147
Last Click: 33.147
Page Submit: 36.356
Click Count: 1

Q144.

How long the COVID-19 pandemic lasts will depend on how people behave. It will also depend on how long it takes until enough people can be vaccinated, which may take many months yet. The way things are going, **how long do you think this pandemic will go on?**

- ☐ It is more or less over already
- ☐ Another month
- ☐ Another 2 to 6 months
- ☐ Another 6 to 12 months
- ☐ Another 12 to 24 months
- ☒ More than 2 years
- ☐ Don't know / Not sure

Q145. Timing

First Click: 25.876
Last Click: 25.876
Page Submit: 34.858
Click Count: 1

Q178. Politically, do you consider yourself to be:

- ☐ Strongly conservative
- ☐ Somewhat conservative
- ☒ Moderate

- ☐ Somewhat liberal
- ☐ Strongly liberal
- ☐ Prefer not to say

Q184. Timing

First Click: 6.479
Last Click: 6.479
Page Submit: 8.566
Click Count: 1

Q185. What is your ethnicity?

- ☐ Hispanic
- ☒ Non-hispanic
- ☐ Prefer not to say

Q186. Timing

First Click: 3.587
Last Click: 3.587
Page Submit: 5.616
Click Count: 1

Q182. Which best describes your current employment status?

- ☐ Self-employed or small business owner
- ☐ Employee, working full-time
- ☐ Employee, working part-time
- ☐ Not employed, looking for work
- ☐ Not employed, NOT looking for work
- ☒ Retired
- ☐ Disabled, not able to work
- ☐ Full-time student
- ☐ Student with part-time work
- ☐ Other
- ☐ Prefer not to say

Q183. Timing

First Click: 1.998
Last Click: 1.998
Page Submit: 4.464
Click Count: 1

Q180. What is your household's homeowner or renter status?

- ☒ Homeowner with no mortgage
- ☐ Homeowner with mortgage payments
- ☐ Renter
- ☐ Staying with friends or another household
- ☐ Unhoused
- ☐ Prefer not to say

Q181. Timing

First Click: 5.687
Last Click: 5.687
Page Submit: 9.807
Click Count: 1

Q148. After any unemployment benefits, has your household's **monthly income** been **reduced** by Washington's pandemic rules?

- ☐ Yes
- ☒ No
- ☐ Don't know / Not sure

Q149. Timing

First Click: 10.296
Last Click: 10.296
Page Submit: 12.081
Click Count: 1

Q150.

Household incomes can fall because of job losses, from greater-than-usual difficulty in finding a job, or from a loss of business income.

Think about your household's **worst month** during the pandemic. **About how much lower** was your household's **monthly** income, compared to its typical level?

This question was not displayed to the respondent.

Q151. Timing

This question was not displayed to the respondent.

Q152. During the current pandemic, have any workers in your household been **laid off**? Or, have they had their **working hours substantially reduced**?

This question was not displayed to the respondent.

Q153. Timing

This question was not displayed to the respondent.

Q154.
How many workers in your household have been laid off or had their working hours reduced?

This question was not displayed to the respondent.

Q155. Timing

This question was not displayed to the respondent.

Q156.
How many of these workers expect to **return to their jobs** (or have returned already)?

This question was not displayed to the respondent.

Q157. Timing

This question was not displayed to the respondent.

Q210. What is your highest level of education?

- ☒ Less than high school
- ☐ High school graduate
- ☐ Some college
- ☐ Bachelor's degree
- ☐ Master's degree
- ☐ Doctoral degree
- ☐ Trade or technical school
- ☐ Prefer not to say

Q219. Timing

First Click: 2.09
Last Click: 2.09
Page Submit: 6.02
Click Count: 1

Q161. Since the start of the pandemic, how would you rate the Federal Government's response to COVID-19?

- ☐ Great
- ☐ Good
- ☐ Just OK
- ☒ Bad
- ☐ Terrible
- ☐ Don't know / Not sure

Q220. Timing

First Click: 10.551
Last Click: 10.551
Page Submit: 13.609
Click Count: 1

Q224. Under the new Administration, *in your opinion*, will the Federal Government's response to COVID-19 be:

- ☐ Much improved
- ☐ Somewhat improved
- ☐ About the same
- ☒ Somewhat worse
- ☐ Much worse

Q225. Timing

First Click: 11.743
Last Click: 11.743
Page Submit: 14.011
Click Count: 1

Q162.
One final question: Think about the wording in this survey. Did it seem like the people who wrote this survey wanted you to vote one way or the other on pandemic Policies A through F?

- ☐ They *definitely* wanted me to vote FOR these policies
- ☒ They *probably* wanted me to vote FOR these policies
- ☐ It was hard to tell whether they wanted me to vote FOR or AGAINST these policies
- ☐ They *probably* wanted me to vote AGAINST these policies
- ☐ They *definitely* wanted me to vote AGAINST these policies

Q221. Timing

First Click: 43.486
Last Click: 43.486
Page Submit: 49.511
Click Count: 1

Q163.
One final question: Think about the wording in this survey. Did it seem like the people who wrote this survey wanted you to vote one way or the other on pandemic Policies A through F?

This question was not displayed to the respondent.

Q222. Timing

This question was not displayed to the respondent.

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deldeaths_ch1_diff: 23.20000076293945

delcases_ch1_diff: 861

months2: 2

months2_str: 2 months

deathsw02: 11.19999980926514

caseswo2: 1559

deldeaths2_1: 3.5

deldeaths2_2: 8.100000381469727

delcases2_1: 280

delcases2_2: 1426

cost_ch2_alt1: 300

cost_ch2_alt2: 450

cost_ch2_diff: -140

cost_ch2_tomindiff: -120

deldeaths_ch2_diff: -7.600000381469727

delcases_ch2_diff: -1146

months3: 2

months3_str: 2 months

deathsw03: 18

caseswo3: 1250

deldeaths3_1: 10.60000038146973
deldeaths3_2: 17.89999961853027
delcases3_1: 864
delcases3_2: 771
cost_ch3_alt1: 180
cost_ch3_alt2: 390
cost_ch3_diff: -210
cost_ch3_tomindiff: -190
deldeaths_ch3_diff: -7.299999237060547
delcases_ch3_diff: 93
highestcost: 390
coinflp1: 0
coinflp2: 0
buildtime: 213106_6Dec20
opp: Qual2827-1023OregonGenPop
Q_TotalDuration: 5140
gc: 1
fourweekdate: January 30, 2021
countycases_str: 3,141
countydeaths_str: 3,083
cases90pct: 1186
deaths90pct: 35
countyname: Lewis County
countypop_str: 76,947
countypop: 76947
cases90scaled_str: 1,825
deaths90scaled_str: 54
hhldinc: 50216
hhldinc_str: 50,216
hhldincmo_str: 4,185
unemps_lose_str: 2,110
caseswo1_str: 5,580
caseswo2_str: 2,399
caseswo3_num: 1924
caseswo3_str: 1,924
deathsw01_str: 69
deathsw02_str: 17
deathsw03_num: 28
deathsw03_str: 28
cases_ch1_alt1_str: 2,849
cases_ch1_alt2_str: 1,524

cases_ch2_alt1_str: 431
cases_ch2_alt2_str: 2,195
cases_ch3_alt1_str: 1,330
cases_ch3_alt2_str: 1,187
deaths_ch1_alt1_str: 62
deaths_ch1_alt2_str: 26
deaths_ch2_alt1_str: 5
deaths_ch2_alt2_str: 12
deaths_ch3_alt1_str: 16
deaths_ch3_alt2_str: 28
cost1_1: 330
cost1_2: 175
cost2_1: 275
cost2_2: 410
cost3_1: 165
cost3_2: 355
cost1_1_str: 190
cost1_2_str: 100
cost2_1_str: 160
cost2_2_str: 235
cost3_1_str: 25
cost3_2_str: 55
costint0: Less than \$5 per month
costint1: \$5 to \$10 per month
costint2: \$10 to \$15 per month
costint3: \$15 to \$25 per month
costint4: \$25 to \$30 per month
costint5: \$30 to \$40 per month
costint6: \$40 to \$50 per month
costint7: \$50 to \$55 per month
costint8: \$55 to \$65 per month
costint9: \$65 to \$70 per month
costint10: \$70 to \$80 per month
costint11: More than \$80 per month
for_first: 1
cred0: less than 192
cred10: 192 to 385
cred20: 385 to 577
cred30: 577 to 770
cred40: 770 to 962
cred50: 962 to 1,154

cred60: 1,154 to 1,347

cred70: 1,347 to 1,539

cred80: 1,539 to 1,732

cred90: 1,732 or more

dred0: less than 6

dred20: 6 to 11

dred40: 11 to 17

dred60: 17 to 22

dred80: 22 or more

brack0: By less than \$ 130

brack5: By \$130 to \$250

brack10: By \$250 to \$380

brack15: By \$380 to \$500

brack20: By \$500 to \$630

brack25: By \$630 to \$750

brack30: By \$750 to \$880

brack35: By \$880 to \$1,000

brack40: By \$1,000 to \$1,250

brack50: By \$1,250 to \$1,500

brack60: By \$1,500 to \$1,750

brack70: By \$1,750 or more

cases_lastfourweeks: 875

deaths_lastfourweeks: 13

cases_lastfourweeks_str: 875

deaths_lastfourweeks_str: 13

stayhome: 0

unemp1_1_dec: 19.4

unemp1_2_dec: 12.1

unemp2_1_dec: 16.8

unemp2_2_dec: 23.2

unemp3_1_dec: 11.6

unemp3_2_dec: 20.6

state: Washington

stateresidents: Washingtonians

remcases_ch1_alt1_str: 2,731

remcases_ch1_alt2_str: 4,056

remcases_ch2_alt1_str: 1,968

remcases_ch2_alt2_str: 204

remcases_ch3_alt1_str: 1,631

remcases_ch3_alt2_str: 1,774

remdeaths_ch1_alt1_str: 7

remdeaths_ch1_alt2_str: 43

remdeaths_ch2_alt1_str: 12

remdeaths_ch2_alt2_str: 5

remdeaths_ch3_alt1_str: 27

remdeaths_ch3_alt2_str: 15

unemp1_1: 15.63981042654

unemp1_2: 8.2938388625592

unemp2_1: 13.03317535545

unemp2_2: 19.431279620853

unemp3_1: 7.8199052132701

unemp3_2: 16.824644549763

top300_2: . Suppose

top300_3: had been one of the **300 U.S. counties** with the highest *shares of their populations* affected by COVID-19. In that case,

top300_4: would have had:

top300_5: , instead of its actual

top300_6: , instead of its actual

top300_7: It may be hard to imagine pandemic conditions that bad in

top300_8: , but things have been that bad, or worse, in more than 300 U.S. counties.

Some of these counties have

ResponseID: R_daKqb5ILM3r0XE5

UserAgent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/88.0.4324.150 Safari/537.36 Edg/88.0.705.63

fedui1: 200

fedui2: 200

fedui3: 400

medloss1: 1220

medloss2: 1220

medloss3: 330

fedui1_trail: for those who are eligible

fedui2_trail: for those who are eligible

fedui3_trail: for those who are eligible

unemps_lose: 2110

unemps_lose100: 1660

unemps_lose200: 1220

unemps_lose300: 780

unemps_lose400: 330

unemps_lose500: 47.027271

unemps_lose600: 47.027271

cost1_1f: 190

cost1_2f: 100

cost2_1f: 160

cost2_2f: 235

cost3_1f: 25

cost3_2f: 55

stateabbrev: WA

febunemp: 3.8

aprilunemp: 16.3

LS: 4296

Location Data

Location: ([47.360000610352](#), [-122.60150146484](#))

Source: GeoIP Estimation

