

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*.)

98258

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: 4.298
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:

Snohomish County (2018 population = 786,620)

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: 8.98
Click Count: 0

Q12.

RECENT PANDEMIC CONDITIONS

The United States has **3,141** counties. As of February 7, 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: 53.824
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 February 7, 2021. Suppose Snohomish County had been one of the **300 U.S. counties** with the highest *shares of their populations* affected by COVID-19. In that case, Snohomish County would have had:

- **15,449 or more** new cases, instead of its actual **4,441** new cases
- **535 or more** deaths, instead of its actual **87** 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 February 7, 2021, these 300 or so hard-hit counties have had:

- **982 or more** new cases per **50,000** people
- **34 or more** deaths per **50,000** people

We scaled these numbers to reflect the population of Snohomish County (786,620) 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: 62.977

Last Click: 62.977

Page Submit: 63.78

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 Snohomish 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: 47.598

Last Click: 47.598

Page Submit: 138.748

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 786,620 people in Snohomish 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
<input type="text" value="Duration in months"/>		
× Policy duration (months)		1
The length of time for the policy		
<input type="text" value="23,394 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).		21,726
<input type="text" value="289 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).		216
Strictness of rules:		
<input type="text" value="[described later]"/>		
Measures of cost:		
<input type="text" value="[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** 23,394 people will get sick and 289 will die, if no rules are in place?

☐ Yes

☒ No

Q19. Timing

First Click: 27.337
Last Click: 62.682
Page Submit: 63.504
Click Count: 2

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.

Q193. Timing

First Click: 0
Last Click: 0
Page Submit: 11.212
Click Count: 0

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.

This question was not displayed to the respondent.

Q194. Timing

This question was not displayed to the respondent.

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: 0

Last Click: 0

Page Submit: 57.33

Click Count: 0

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: 27.552
Last Click: 60.663
Page Submit: 63.254
Click Count: 15

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: 4.399
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

This question was not displayed to the respondent.

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
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

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
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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: 11.725
Last Click: 35.271
Page Submit: 36.726
Click Count: 11

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: 10.06
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:
[described earlier]

A

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: 44.307

Last Click: 98.868

Page Submit: 99.303

Click Count: 12

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: 8.625
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: 7.701
Last Click: 7.701
Page Submit: 9.268
Click Count: 1

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: 5.337
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 Snohomish County, and
- **Average \$/month lost**, the resulting overall loss of net income, averaged across all households in the county.

Q205. Timing

First Click: 0
Last Click: 0

Q60.

Unemployment rates describe the share of workers in Snohomish 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: 18.265
Last Click: 18.265
Page Submit: 18.577
Click Count: 1

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 Snohomish 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 \$330. Does that mean *your* household, *and every other* household in Snohomish County, will end up losing \$330 of income each month during the policy? *In addition to* any unemployment?

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

Q56. Timing

First Click: 51.593
Last Click: 51.593
Page Submit: 53.165
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.

This question was not displayed to the respondent.

Q206. Timing

This question was not displayed to the respondent.

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.**

Q207. Timing

First Click: 0
Last Click: 0
Page Submit: 5.739
Click Count: 0

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 Snohomish County.**

Q61. Timing

First Click: 0
Last Click: 0
Page Submit: 23.345
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 \$82,751 per year in Snohomish 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.	23.3%
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.	\$330

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: 19.442
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 Snohomish 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: 3.362
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 **\$400/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 786,620 people in Snohomish 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)

1

The length of time for the policy

23,394 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).

21,726

289 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).

216

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.

23.3%

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.

\$330

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 21,726 and deaths by 216)
- ☐ No pandemic rules, and just accept the 23,394 cases and 289 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: 10.867
Last Click: 27.901
Page Submit: 29.106
Click Count: 2

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 **\$400/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)		1
The length of time for the policy		
23,394 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).		18,674
289 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).		184
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.

12.9%

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.

\$155

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 18,674 and deaths by 184)
- ☐ No pandemic rules, and just accept the 23,394 cases and 289 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: 11.838
Last Click: 13.378
Page Submit: 14.257
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 786,620 people in Snohomish County.

Under these new conditions, think about Policies C and D. Each of these policies would last **1 month**. The **Average \$/month lost** under Policies C and D both take into account **\$300 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>	1	1
<div>7,017 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>	2,313	5,129
<div>99 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>	30	85
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.

14.6% 25.8%

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.

\$230 \$470

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 2,313 and deaths by 30)
- ☐ Policy D with its cost and its mix of rules (reduces cases by 5,129 and deaths by 85)
- ☐ No pandemic rules, and just accept the 7,017 cases and 99 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

- ☒ Somewhat certain
- ☐ Not certain at all

Q80. Timing

First Click: 3.772
Last Click: 5.55
Page Submit: 6.846
Click Count: 2

Q81.
Please indicate why you would prefer No Policy to both Policy C and Policy D. **Select as many reasons as apply.**

This question was not displayed to the respondent.

Q82. Timing





This question was not displayed to the respondent.

Q83.
If Policy C had not been on that ballot, would you have voted for Policy D, repeated here?

Policy:	D
<div>Duration in months</div> × Policy duration (months) The length of time for the policy	1
<div>7,017 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).	5,129
<div>99 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).	85
Strictness of rules:	
<div>Grocery, essential retail</div> × Grocery stores, other essential services <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>





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.

25.8%

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.

\$470

Policy:

D

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

- ☒ Policy D with its cost and its mix of rules (reduces cases by 5,129 and deaths by 85)
- ☐ No pandemic rules, and just accept the 7,017 cases and 99 deaths expected if we let everyone decide for themselves what to do

Q84.

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

- ☒ Very certain
- ☐ Somewhat certain

Q85. Timing

First Click: 5.357
Last Click: 7.197
Page Submit: 8.469
Click Count: 2

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
Duration in months	
× Policy duration (months)	1
The length of time for the policy	
7,017 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).	2,313
99 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).	30
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.

14.6%

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.

\$230

Policy:

C

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

This question was not displayed to the respondent.

Q89.

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.

Q90. Timing

This question was not displayed to the respondent.

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 **\$300 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>32,723 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 decrease these cases by the number given on the right (taking into account how closely these rules will be followed).</div>	11,799	8,260
<div>469 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 decrease these deaths by the number given on the right (taking into account how closely these rules will be followed).</div>	118	186
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.

14.6% 17.6%

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.

\$230 \$295

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 11,799 and deaths by 118)
- ☐ Policy F with its cost and its mix of rules (reduces cases by 8,260 and deaths by 186)
- ☐ No pandemic rules, and just accept the 32,723 cases and 469 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: 15.83
Last Click: 17.87
Page Submit: 18.691
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

32,723 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).

469 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

8,260

186





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.

17.6%

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.

\$295

Policy:

F

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

- ☒ Policy F with its cost and its mix of rules (reduces cases by 8,260 and deaths by 186)
- ☐ No pandemic rules, and just accept the 32,723 cases and 469 deaths expected if we let everyone decide for themselves what to do

Q99.

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

- ☒ Very certain
- ☐ Somewhat certain

Q100. Timing

First Click: 4.364
Last Click: 5.732
Page Submit: 6.789
Click Count: 2






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
<input type="text" value="Duration in months"/>	
× Policy duration (months)	2
The length of time for the policy	
<input type="text" value="32,723 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).	11,799
<input type="text" value="469 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).	118
Strictness of rules:	
<input type="text" value="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.	14.6%
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.	\$230
Policy:	E

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

This question was not displayed to the respondent.

Q104.

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.

Q105. Timing

This question was not displayed to the respondent.

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 Snohomish 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: 15.111
Last Click: 16.355
Page Submit: 17.868
Click Count: 2

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 Snohomish 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 **Snohomish County**, the pandemic will cause about:

- **32,723 cases**
- **469 deaths**

Assume **\$300 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 **Snohomish County**, the pandemic will cause about:

- **32,723 cases**
- **469 deaths**

Assume **\$300 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: 18.183
 Last Click: 52.638
 Page Submit: 54.214
 Click Count: 15

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 32,723 cases** of pandemic illness in Snohomish 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 3,272
- ☐ 3,272 to 6,545
- ☐ 6,545 to 9,817
- ☐ 9,817 to 13,089
- ☐ 13,089 to 16,362
- ☐ 16,362 to 19,634
- ☒ 19,634 to 22,906
- ☐ 22,906 to 26,178
- ☐ 26,178 to 29,451
- ☐ 29,451 or more
- ☐ [No idea how many]

Q120. Timing

Q121.

We are assuming we could also expect **about 469 deaths** from pandemic illness in Snohomish 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 94
- ☐ 94 to 188
- ☐ 188 to 281
- ☐ 281 to 375
- ☐ 375 or more
- ☒ [No idea how many]

Q122. Timing

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 **\$300 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%

Q124. Timing

First Click: 63.097
Last Click: 63.097
Page Submit: 63.739
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: 4.758
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: 10.679
Last Click: 13.286
Page Submit: 15.511
Click Count: 3

Q179. What is your marital status?

- ☒ Married (or equivalent)
- ☐ Single
- ☐ Prefer not to say

Q214. Timing

First Click: 1.013
Last Click: 1.013
Page Submit: 1.72
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: 7.095
Last Click: 7.095
Page Submit: 7.767
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: 1.3
Last Click: 5.002
Page Submit: 8.3
Click Count: 2

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

- ☐ 2 years or less
- ☐ 3 to 5 years
- ☒ 6 to 10 years
- ☐ More than 10 years

Q217. Timing

First Click: 4.172
Last Click: 4.172
Page Submit: 5.294
Click Count: 1

Q131. For about how many **more** years do you expect to continue to live in Snohomish 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: 3.759
Last Click: 3.759
Page Submit: 4.759
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: 5.248
Last Click: 7.927
Page Submit: 11.726
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: 0.722
Last Click: 4.466
Page Submit: 5.116
Click Count: 2

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: 9.5

Last Click: 9.5

Page Submit: 10.304

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: 23.951

Last Click: 23.951

Page Submit: 26.236

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 Snohomish County, compared to other counties in Washington?**

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

Q143. Timing

First Click: 0.636
Last Click: 9.15
Page Submit: 11.175
Click Count: 2

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: 9.474
Last Click: 9.474
Page Submit: 10.554
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: 2.528
Last Click: 2.528
Page Submit: 3.506
Click Count: 1

Q185. What is your ethnicity?

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

Q186. Timing

First Click: 0.847
Last Click: 0.847
Page Submit: 1.633
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: 107.791
Last Click: 107.791
Page Submit: 109.058
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: 6.604
Last Click: 6.604
Page Submit: 7.79
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: 0.571
Last Click: 3.733
Page Submit: 5.866
Click Count: 2

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: 1.51
Last Click: 1.51
Page Submit: 2.557
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: 2.883
Last Click: 2.883
Page Submit: 3.818
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: 2.111
Last Click: 2.111
Page Submit: 3.401
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?

This question was not displayed to the respondent.

Q221. Timing

This question was not displayed to the respondent.

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?

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

Q222. Timing

First Click: 19.669
Last Click: 19.669
Page Submit: 20.393
Click Count: 1

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Xch3_alt2_attr10:



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rownum: 1764

noise_lockdown: .6013116836547852

months1: 1

months1_str: 1 month

deathsw01: 18.39999961853027

caseswo1: 1487

deldeaths1_1: 13.69999980926514

deldeaths1_2: 11.69999980926514

delcases1_1: 1381

delcases1_2: 1187

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cost_ch1_alt2: 210

cost_ch1_diff: 240

cost_ch1_tomindiff: -220

deldeaths_ch1_diff: 2

delcases_ch1_diff: 194

months2: 1

months2_str: 1 month

deathsw02: 6.300000190734863

caseswo2: 446

deldeaths2_1: 1.899999976158142

deldeaths2_2: 5.400000095367432

delcases2_1: 147

delcases2_2: 326

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cost_ch2_alt2: 510

cost_ch2_diff: -170

cost_ch2_tomindiff: -150

deldeaths_ch2_diff: -2.299999713897705

delcases_ch2_diff: -296

months3: 2

months3_str: 2 months

deathsw03: 29.79999923706055

caseswo3: 2080

deldeaths3_1: 7.5

deldeaths3_2: 11.80000019073486

delcases3_1: 750

delcases3_2: 525

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deathsw2_str: 99
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deaths_ch3_alt1_str: 118

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cost1_1: 675

cost1_2: 315

cost2_1: 375

cost2_2: 765

cost3_1: 375

cost3_2: 480

cost1_1_str: 330

cost1_2_str: 155

cost2_1_str: 230

cost2_2_str: 470

cost3_1_str: 230

cost3_2_str: 295

costint0: Less than \$30 per month

costint1: \$30 to \$60 per month

costint2: \$60 to \$110 per month

costint3: \$110 to \$170 per month

costint4: \$170 to \$230 per month

costint5: \$230 to \$290 per month

costint6: \$290 to \$340 per month

costint7: \$340 to \$400 per month

costint8: \$400 to \$460 per month

costint9: \$460 to \$510 per month

costint10: \$510 to \$570 per month

costint11: More than \$570 per month

for_first: 0

cred0: less than 3,272

cred10: 3,272 to 6,545

cred20: 6,545 to 9,817

cred30: 9,817 to 13,089

cred40: 13,089 to 16,362

cred50: 16,362 to 19,634

cred60: 19,634 to 22,906

cred70: 22,906 to 26,178

cred80: 26,178 to 29,451

cred90: 29,451 or more

dred0: less than 94

dred20: 94 to 188

dred40: 188 to 281

dred60: 281 to 375

dred80: 375 or more

brack0: By less than \$ 310

brack5: By \$310 to \$630

brack10: By \$630 to \$940

brack15: By \$940 to \$1,250

brack20: By \$1,250 to \$1,560

brack25: By \$1,560 to \$1,880

brack30: By \$1,880 to \$2,190

brack35: By \$2,190 to \$2,500

brack40: By \$2,500 to \$3,130

brack50: By \$3,130 to \$3,750

brack60: By \$3,750 to \$4,380

brack70: By \$4,380 or more

cases_lastfourweeks: 4441

deaths_lastfourweeks: 87

cases_lastfourweeks_str: 4,441

deaths_lastfourweeks_str: 87

stayhome: 0

unemp1_1_dec: 23.3

unemp1_2_dec: 12.9

unemp2_1_dec: 14.6

unemp2_2_dec: 25.8

unemp3_1_dec: 14.6

unemp3_2_dec: 17.6

state: Washington

stateresidents: Washingtonians

remcases_ch1_alt1_str: 1,668

remcases_ch1_alt2_str: 4,720

remcases_ch2_alt1_str: 4,704

remcases_ch2_alt2_str: 1,888

remcases_ch3_alt1_str: 503,012

remcases_ch3_alt2_str: 506,551

remdeaths_ch1_alt1_str: 73

remdeaths_ch1_alt2_str: 105

remdeaths_ch2_alt1_str: 69

remdeaths_ch2_alt2_str: 14

remdeaths_ch3_alt1_str: 7,260

remdeaths_ch3_alt2_str: 7,192

unemp1_1: 19.452449567723

unemp1_2: 9.0778097982709

unemp2_1: 10.806916426513

unemp2_2: 22.046109510086

unemp3_1: 10.806916426513

unemp3_2: 13.832853025937

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_1jcYMF1uTVER2gx

UserAgent: Mozilla/5.0 (Windows NT 6.1; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/88.0.4324.150 Safari/537.36

fedui1: 400

fedui2: 300

fedui3: 300

medloss1: 1700

medloss2: 2140

medloss3: 2140

fedui1_trail: for those who are eligible

fedui2_trail: for those who are eligible

fedui3_trail: for those who are eligible

unemps_lose: 3470

unemps_lose100: 3030

unemps_lose200: 2580

unemps_lose300: 2140

unemps_lose400: 1700

unemps_lose500: 1260

unemps_lose600: 810

cost1_1f: 330

cost1_2f: 155

cost2_1f: 230

cost2_2f: 470

cost3_1f: 230

cost3_2f: 295

stateabbrev: WA

febunemp: 3.8

aprilunemp: 16.3

LS: 4296

Location Data

Location: ([40.817092895508](#), [-73.93920135498](#))

Source: GeoIP Estimation

