

# COVID-19 Update

# Latino Legislative Day 2021

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# Agenda

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- > **Infection and mortality due to COVID-19**
- > **COVID-19 Testing**
- > **COVID-19 Vaccine Hesitancy**
- > **COVID-19 Vaccination Equity**
- > **Measuring and Monitoring Vaccination Equity**
- > **Summary**



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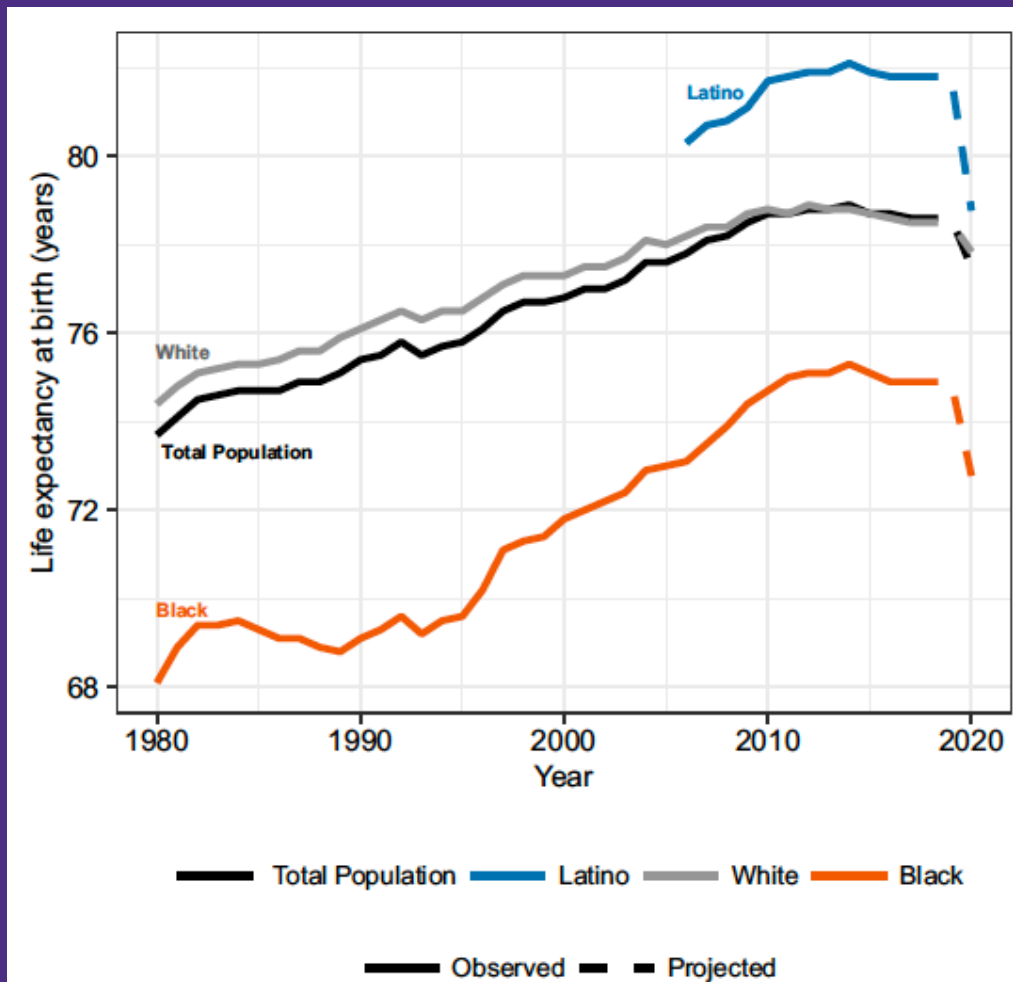
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# Reductions in 2020 US life expectancy due to COVID-19 disproportionately impact on the Black and Latino populations

Andrasfay T, Goldman N. Reductions in 2020 US life expectancy due to COVID-19 and the disproportionate impact on the Black and Latino populations. Proc Natl Acad Sci U S A. 2021 Feb 2;118(5):e2014746118. doi: 10.1073/pnas.2014746118. PMID: 33446511; PMCID: PMC7865122.



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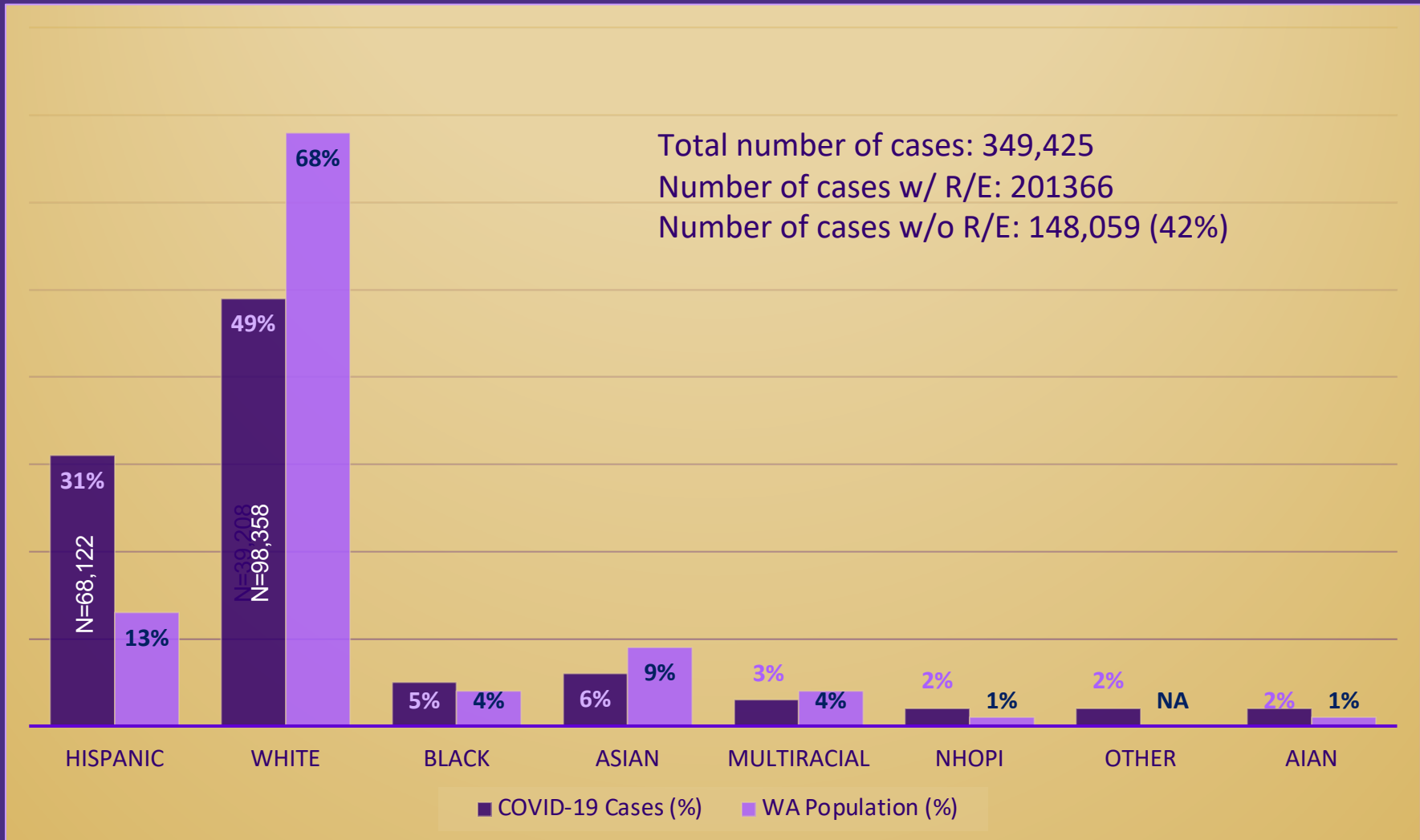
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# 31% of COVID-19 Cases are Among Latinos

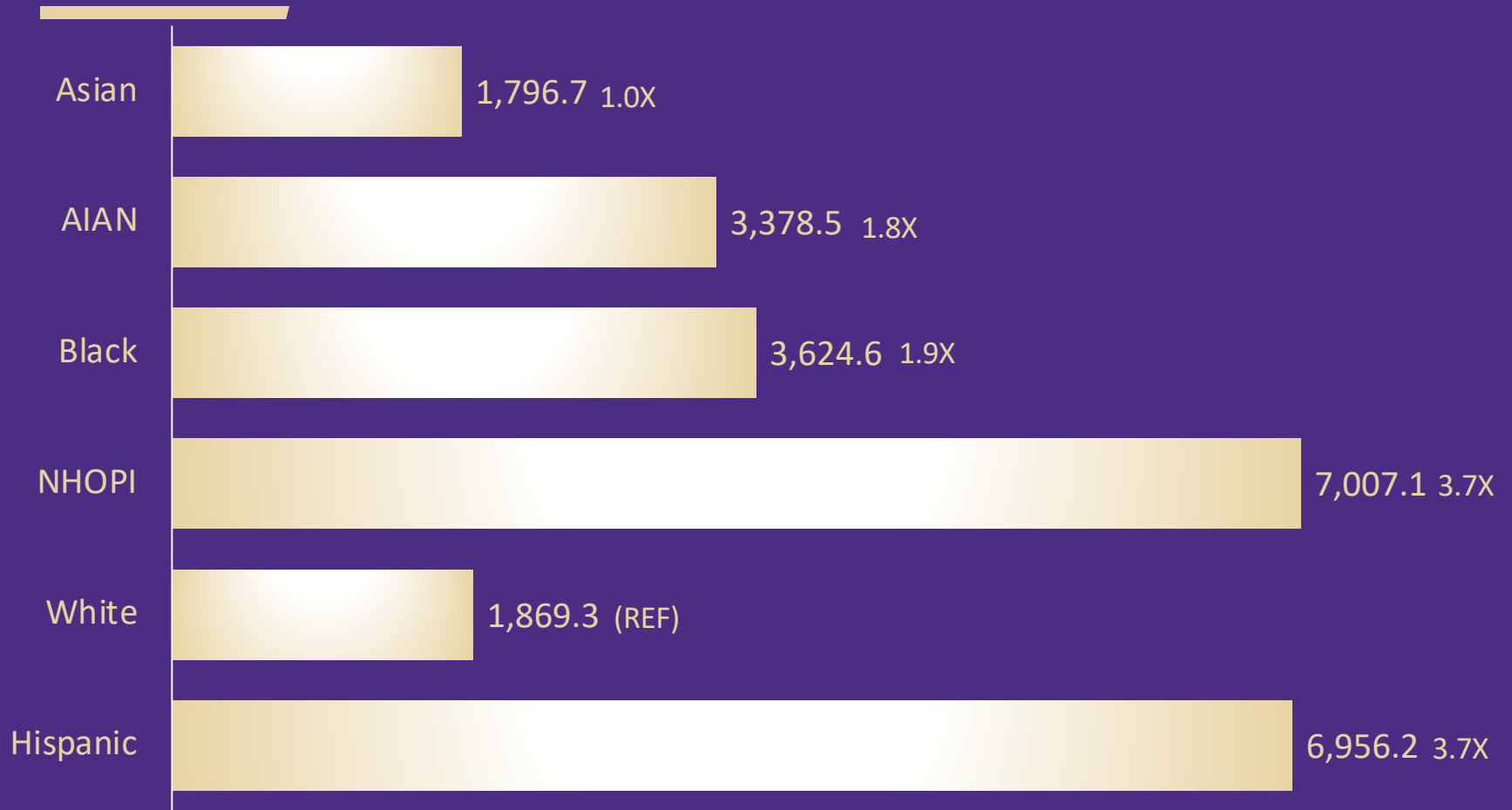
## WA State Confirmed COVID19 Cases as of 03.12.2021



Source: WA State DOH: <https://www.doh.wa.gov/Emergencies/Coronavirus>

# WA State Age-Adjusted Case Rate per 100,000

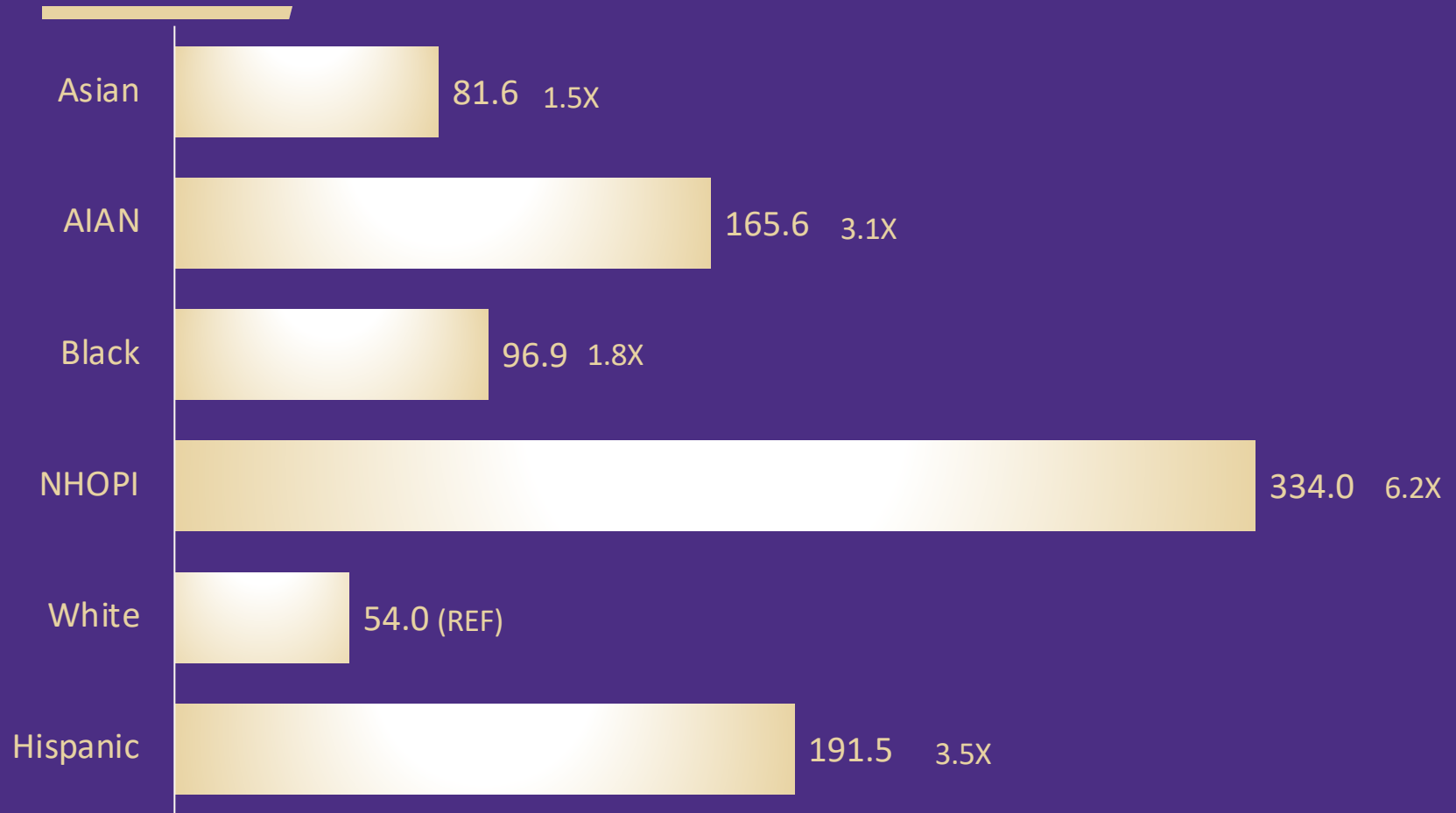
as of: 03.01.2021



Source: Washington Disease Reporting System (WDRS) Includes data from 2020-01-19 to 2020-12-07

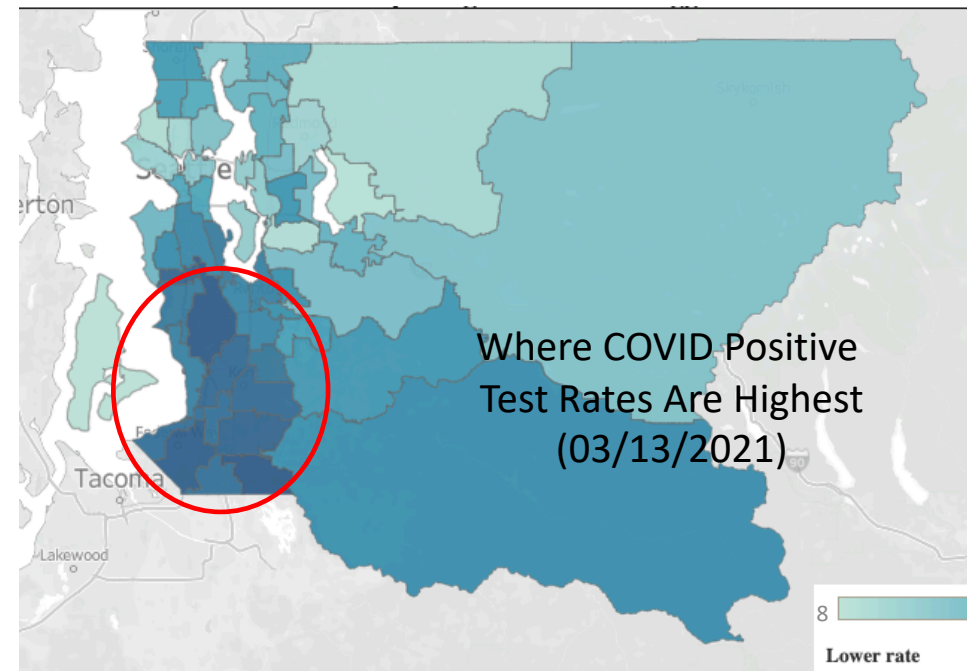
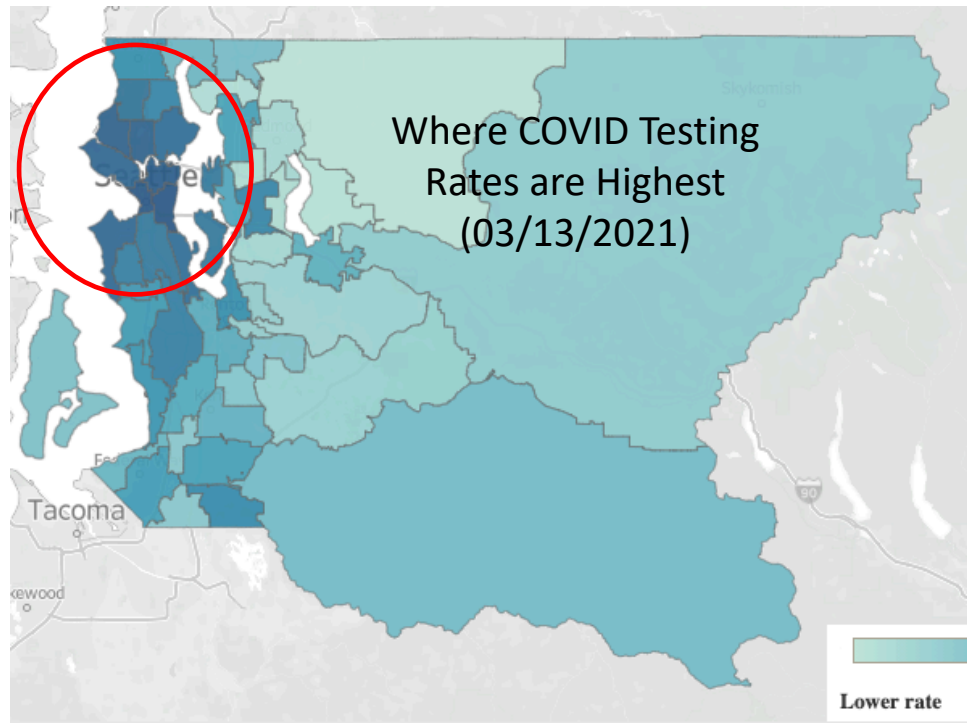
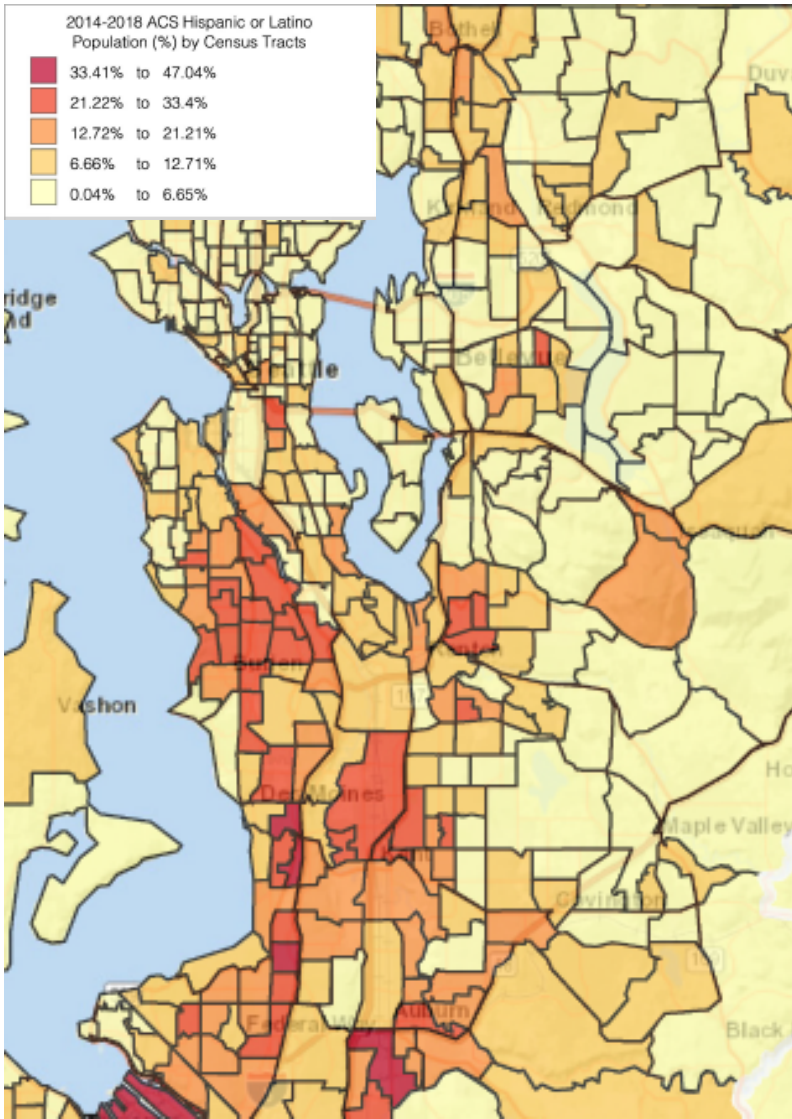
# WA State Age-Adjusted Death Rate per 100,000

as of: 03.01.2021



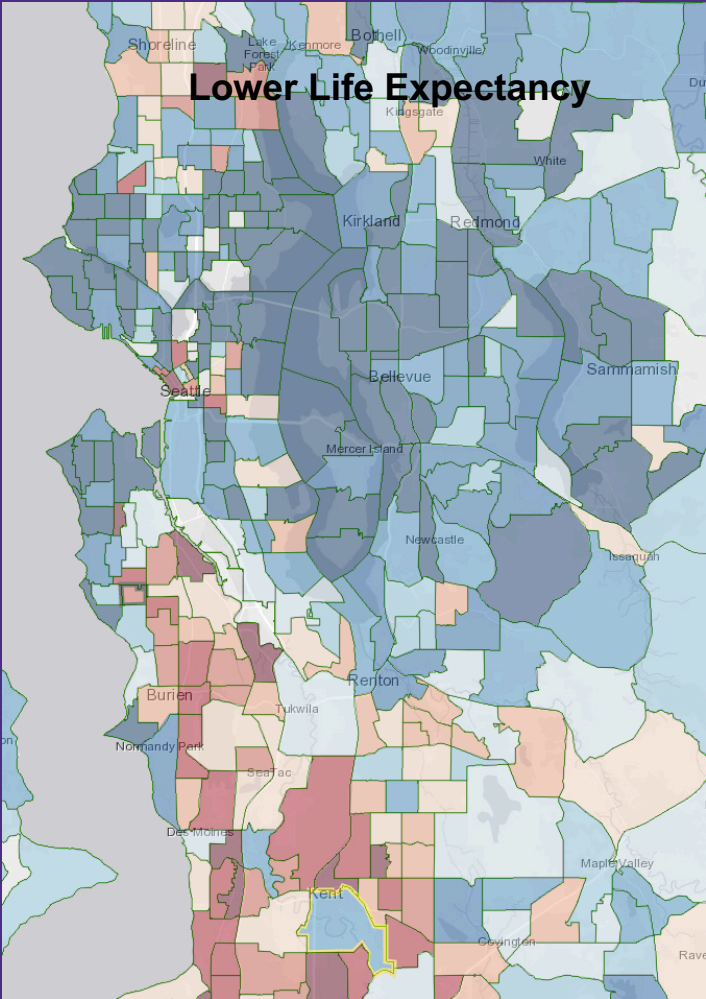
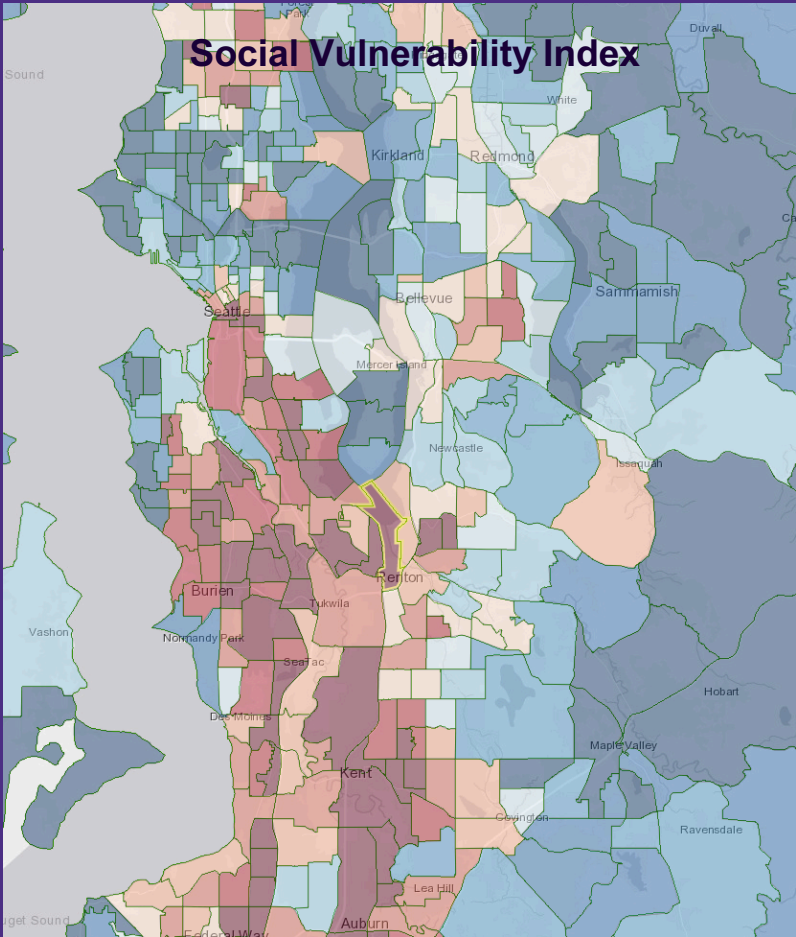
Source: Washington Disease Reporting System (WDRS) Includes data from 2020-01-19 to 2020-12-07

# Inequities in COVID-19 Testing



# Mapping Social Vulnerability

Source: Esther Min and Edmund Seto, UW



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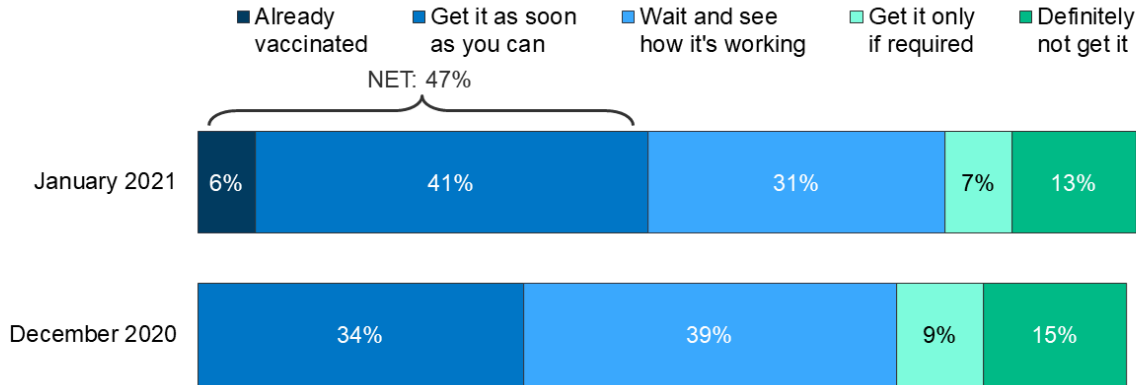
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# Nationally – Hesitancy is Declining

## Compared To December, Larger Share Now Want COVID-19 Vaccine “As Soon As Possible,” Fewer Want To “Wait And See”

Have you personally received at least one dose of the COVID-19 vaccine, or not? When an FDA approved vaccine for COVID-19 is available to you for free, do you think you will...?

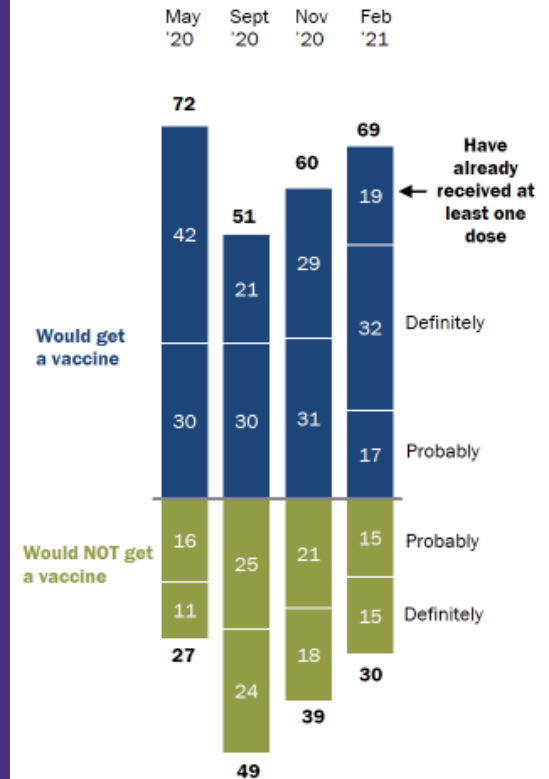


NOTE: December survey did not have an option for respondents to indicate they had already been vaccinated.  
SOURCE: KFF COVID-19 Vaccine Monitor (Nov. 30-Dec. 8, 2020 and Jan. 11-18, 2021). See topline for full question wording.

[KFF COVID-19 Vaccine Monitor](#)

## Half of Americans intend to get a COVID-19 vaccine; 19% already have

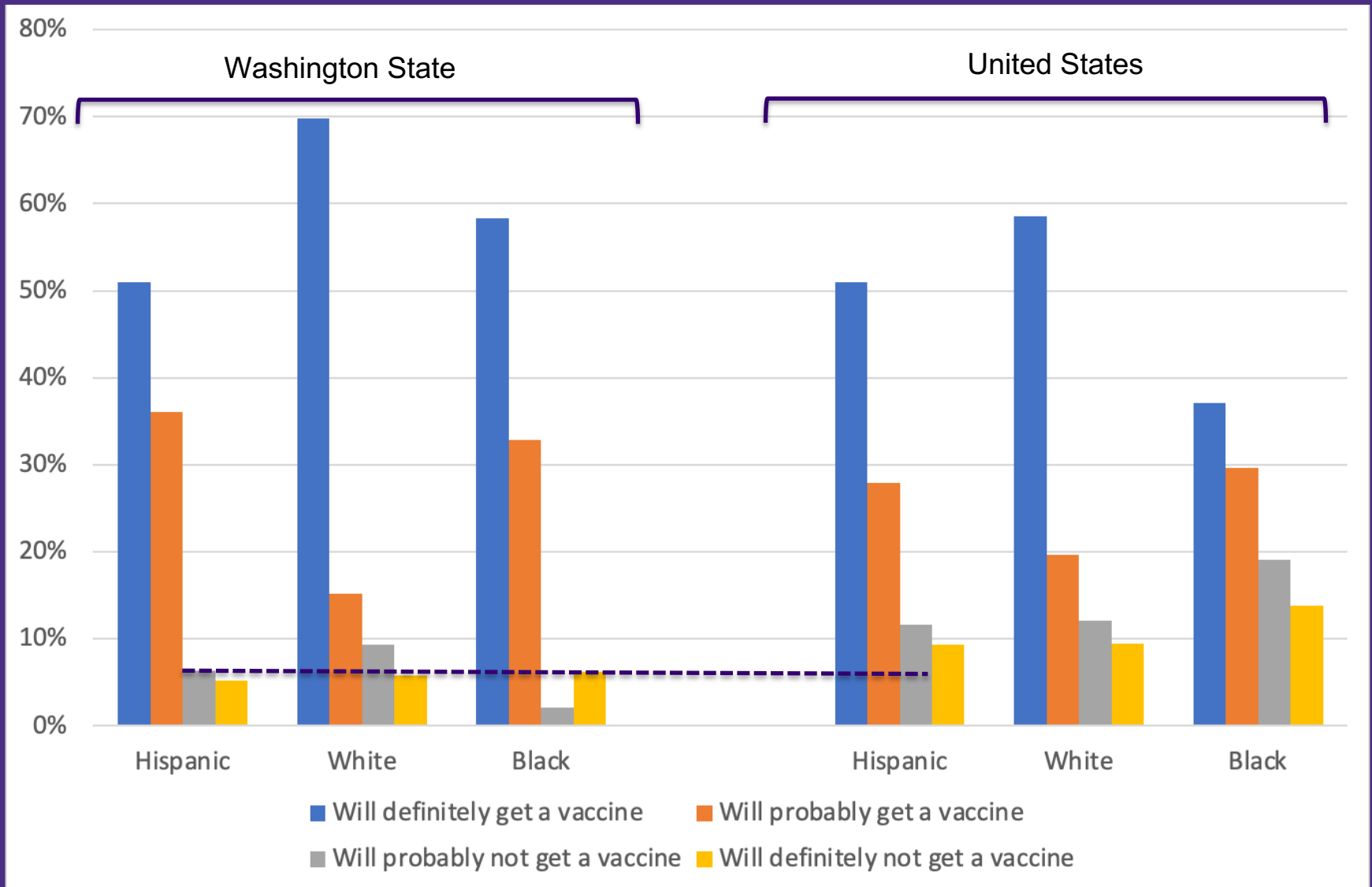
% of U.S. adults who say, thinking about vaccines to prevent COVID-19, they ...



Note: Respondents who did not give an answer are not shown.  
Survey conducted Feb. 16-21, 2021.  
“Growing Share of Americans Say They Plan To Get a COVID-19 Vaccine – or Already Have”

PEW RESEARCH CENTER

# Vaccine Hesitancy: US Census, Household Pulse Survey, Jan 20-Feb 1, 2021; 18 Years and Older; Unvaccinated



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# Latino Center for Health – Sea Mar Community Health Center Survey on COVID-19

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- > Self-Identified Latino
- > 18 years of age and older
- > Spanish or English language preference
- > 1+ visits between January 1 and July 1 2020
- > Oversampled males and Spanish speakers
- > Mail survey with phone option
- > \$20 incentive gift card
- > Survey period October 28, 2020 – February 3, 2021
- > Adjusted Response Rate: 17%

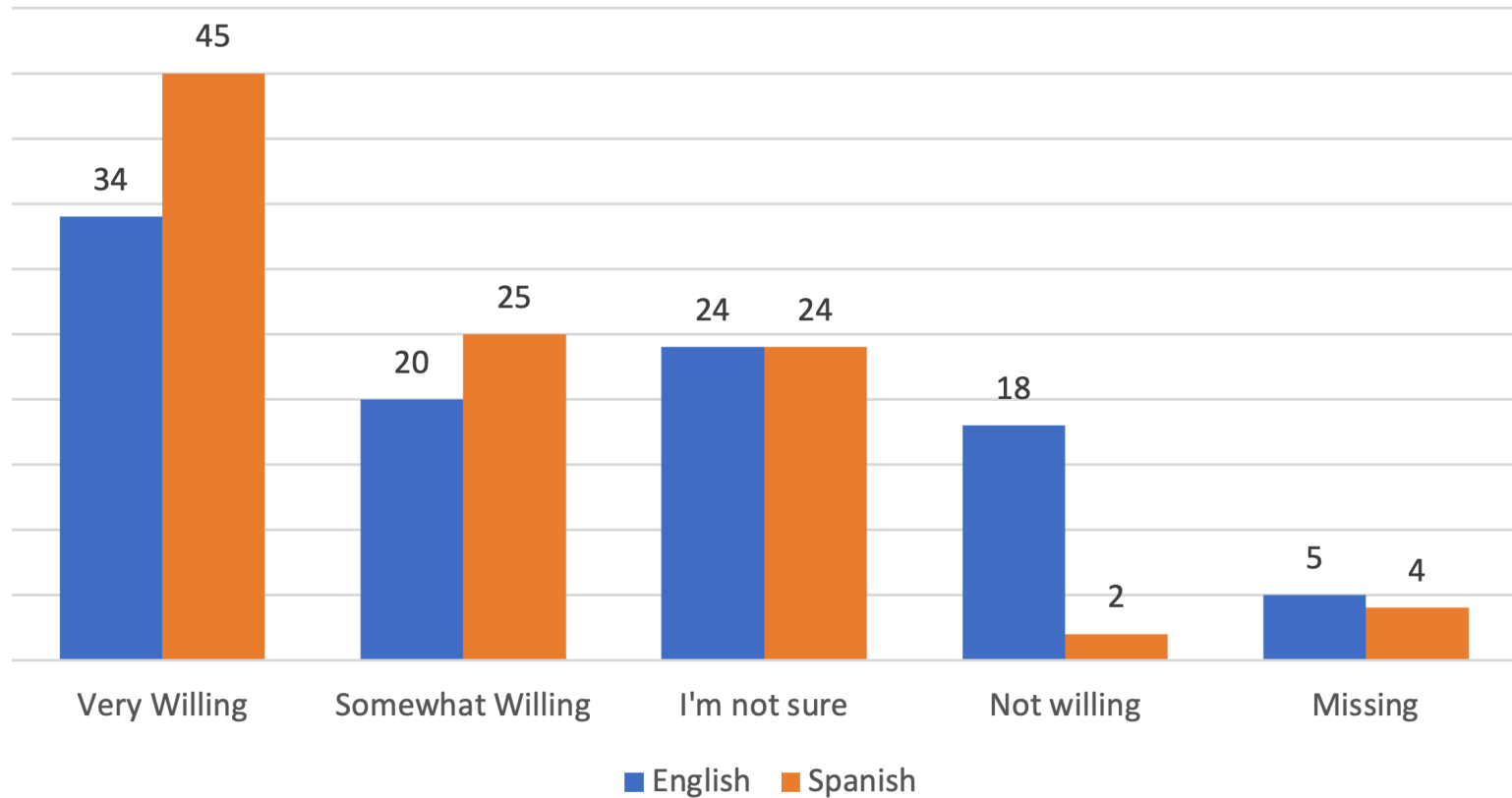
# Survey Respondents (Weighted Percentages)

		English (n=159)	Spanish (n=222)
<b>Age</b>	18-30	31	9
	31-50	32	51
	51-64	18	29
	65+	16	8
	Missing	3	3
<b>Gender</b>	Female	26	31
	Missing	2	1
<b>Education</b>	<8 <sup>th</sup> Grade	4	32
	Some HS	23	23
	HS Graduate	33	25
	Some College or AA	28	12
	College Degree or More	11	3
	Missing	1	5
<b>Health Insurance</b>	None	14	54
<b>Birthplace</b>	US	60	4
	Mexico	21	71
	Other Country	17	19
	Missing	2	6



# COVID-19 Vaccine Hesitancy (Weighted Percentages)

How Willing Are You to Take the COVID Vaccine?



# Concerns or Questions about COVID-19 Vaccine (Weighted Percentages)

	English		Spanish	
	Yes	No	Yes	No
About Pain	4	96	6	94
About Cost	>31	69	>58	42
About Side Effects or Safety	>61	39	>61	39
About Autism	8	92	3	97
About Making You Sick	17	83	11	89
About Vaccine Effectiveness	>47	53	>39	61
Unsure if Needed	13	87	3	97
About Accessing	10	90	12	88
Alternatives to Vaccine	13	87	5	95
Serious Concerns About Vaccines	8	92	9	91



# Vaccination Rates as of 3/10/2021

65+ Age Tier	All Age Tiers	PEOPLE INITIATING VACCINATIONS	RACE/ETHNICITY OF PEOPLE INITIATING VACCINATION (%)	PEOPLE FULLY VACCINATED	RACE/ETHNICITY OF PEOPLE FULLY VACCINATED (%)	TOTAL WA POPULATION (%)
<b>Total Number</b>		<b>752,463</b>	<b>100%</b>	<b>434,240</b>	<b>100%</b>	
Unknown Race/Ethnicity (% of Total)		51,430	7%	28,572	7%	NA
<b>Total with Race/Ethnicity Available</b>		<b>701,033</b>	<b>100%</b>	<b>405,668</b>	<b>100%</b>	<b>100%</b>
Non-Hispanic White		521,817	74%	308,850	76%	85%
Non-Hispanic Other Race		91,633	13%	50,411	12%	NA
Non-Hispanic Asian		44,896	6%	23,512	6%	7%
Hispanic		20,205	3%	10,372	3%	4%
Non-Hispanic Black		11,088	2%	5,050	1%	2%
Non-Hispanic American Indian or Alaska Native		7,061	1%	4,980	1%	1%
Non-Hispanic Multiracial		1,631	0%	1,468	0%	1%
Non-Hispanic Native Hawaiian or Other Pacific Islander		2,102	0%	1,025	0%	0%



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# Vaccination Rates as of 3/10/2021

65+ Age Tier

All Age Tiers

	PEOPLE INITIATING VACCINATIONS	RACE/ETHNICITY OF PEOPLE INITIATING VACCINATION (%)	PEOPLE FULLY VACCINATED	RACE/ETHNICITY OF PEOPLE FULLY VACCINATED (%)	TOTAL WA POPULATION (%)
<b>Total Number</b>	<b>1,439,033</b>	<b>100%</b>	<b>828,622</b>	<b>100%</b>	
Unknown Race/Ethnicity (% of Total)	123,512	9%	68,262	8%	NA
<b>Total with Race/Ethnicity Available</b>	<b>1,315,521</b>	<b>100%</b>	<b>760,360</b>	<b>100%</b>	<b>100%</b>
Non-Hispanic White	886,450	67%	526,380	69%	68%
Non-Hispanic Other Race	177,097	13%	98,195	13%	NA
Non-Hispanic Asian	115,127	9%	62,927	8%	9%
Hispanic	72,024	5%	35,562	5%	13%
Non-Hispanic Black	52,188	2%	16,119	2%	4%
Non-Hispanic American Indian or Alaska Native	22,868	2%	14,828	2%	1%
Non-Hispanic Native Hawaiian or Other Pacific Islander	6,671	1%	3,731	0%	1%
Non-Hispanic Multiracial	3,096	0%	2,618	0%	4%



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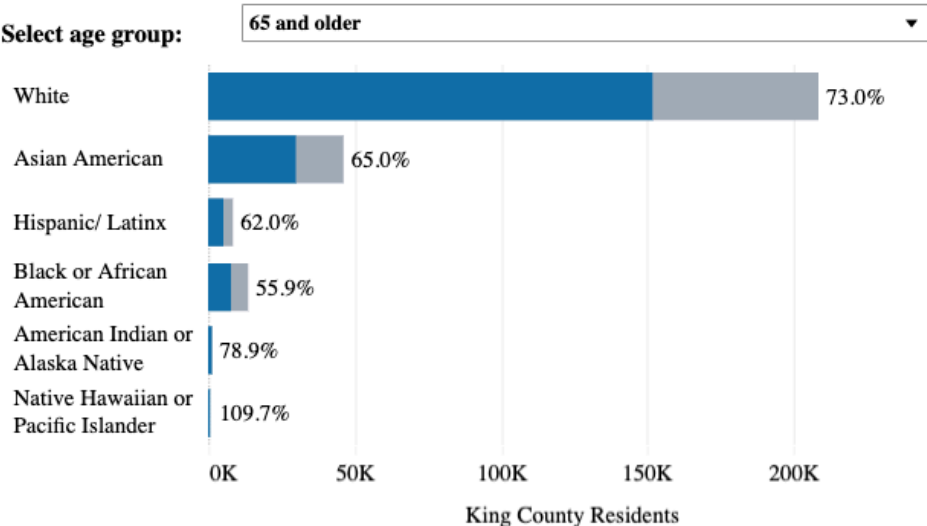


# King County Vaccination Rates as of 3/12/2021

## Proportion of King County residents with at least 1 dose documented by race/ethnicity:

52,860 or 11.5% of all residents with at least one documented dose are either classified as "Other" (n=33,682) or race/ethnicity data is not available (n=19,178).

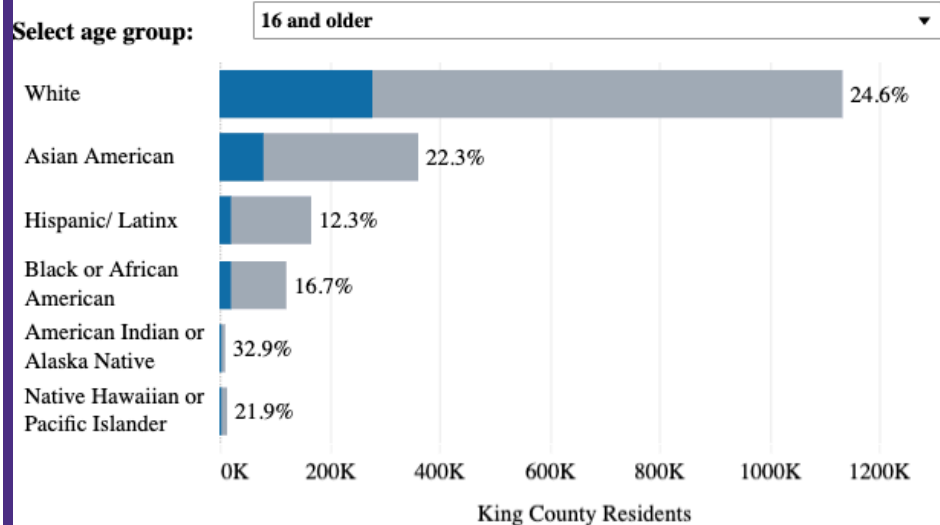
Charts below are limited to WA IIS records with race/ethnicity listed. Please use caution in interpreting as it is likely underestimated. PHSKC is working on improving data completeness over the next weeks.



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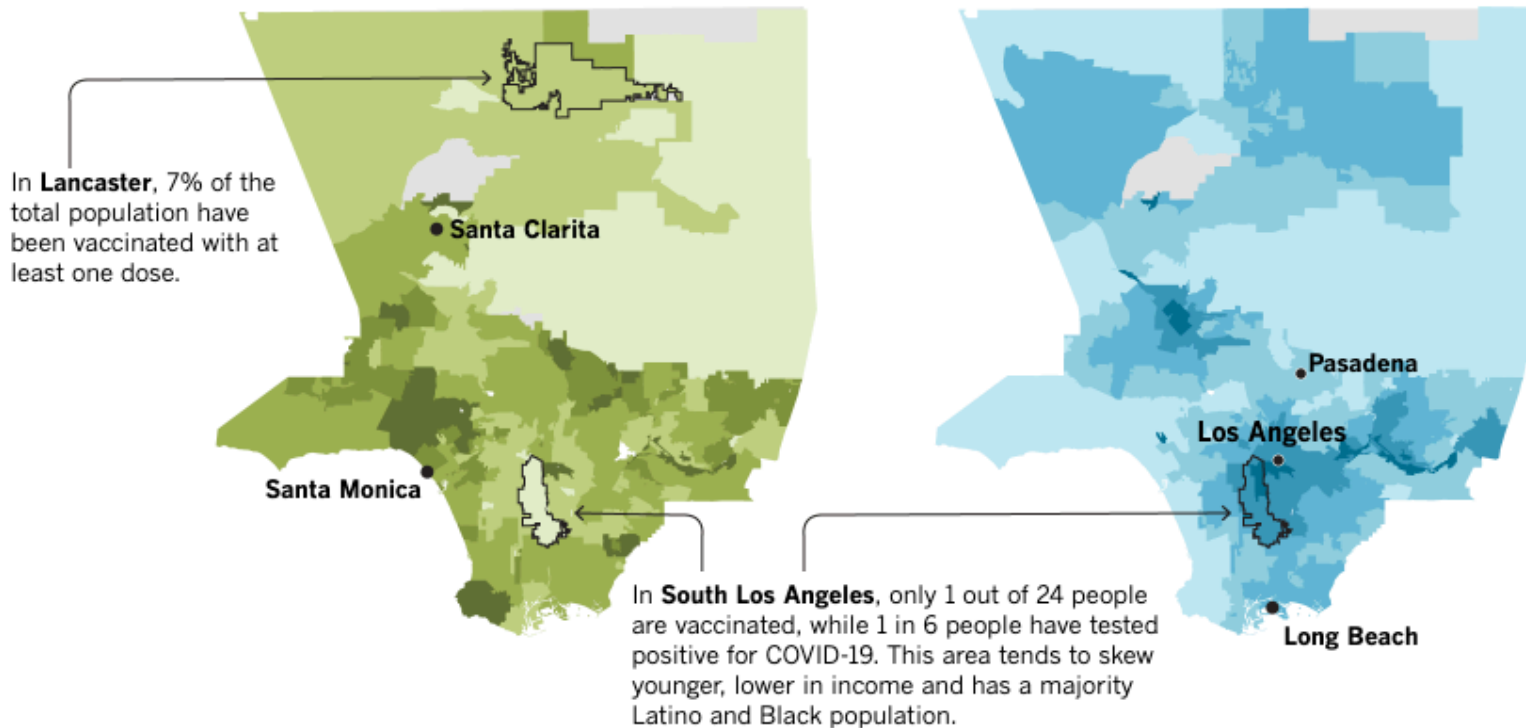
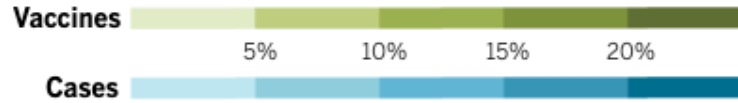
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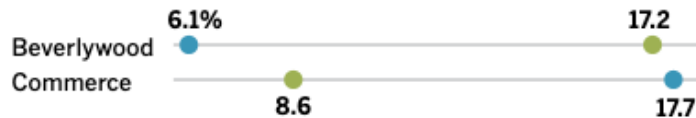
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# Measuring Equity – Example for LA

Hardest-hit areas have lowest vaccination rates

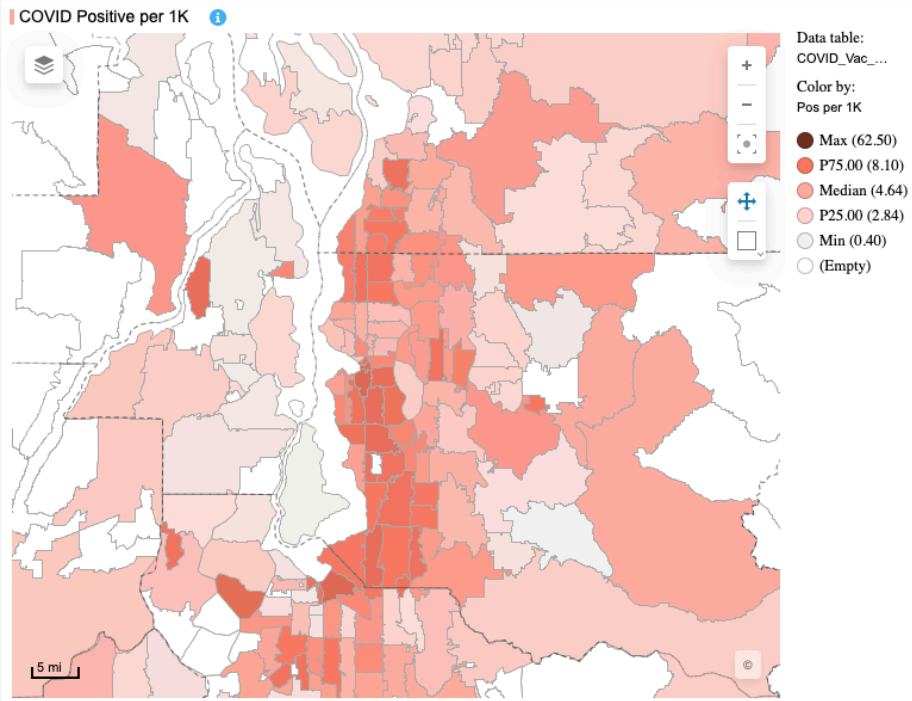


● COVID-19 case rate ● Vaccination rate

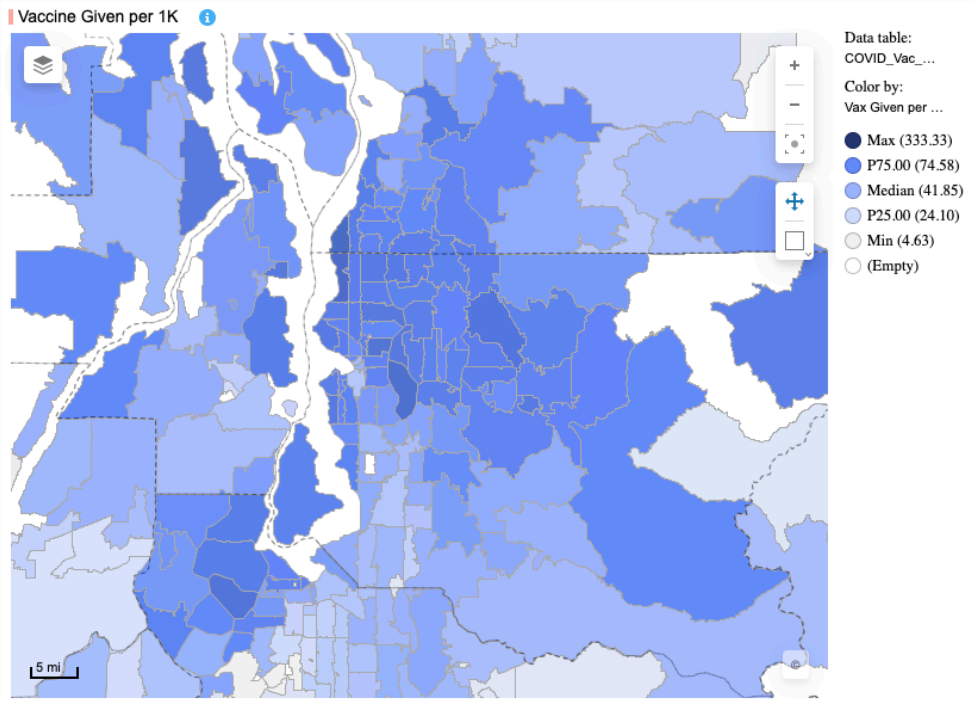


# UW Medicine, King County

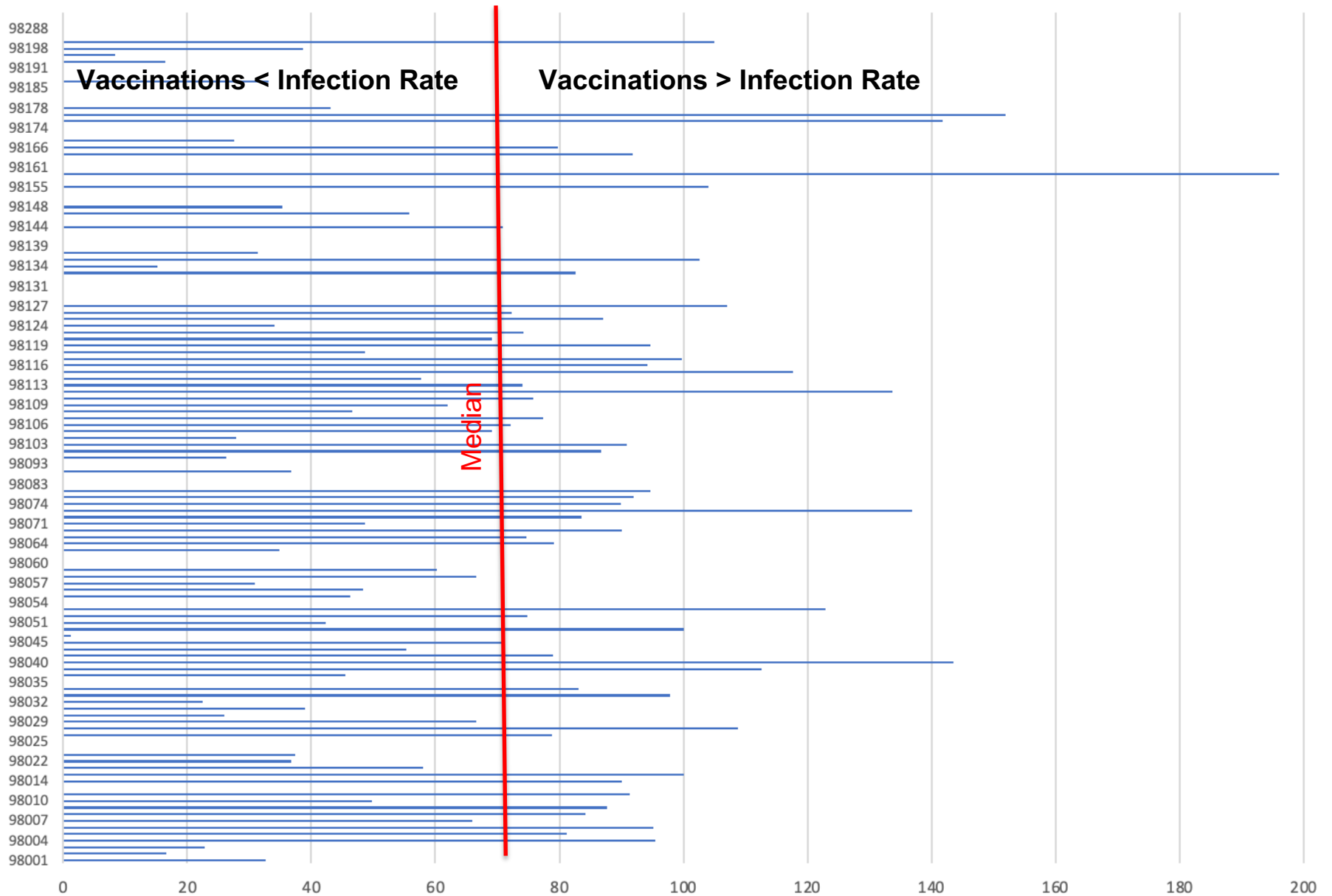
## Positive Tests



## Vaccine Given



# Difference (Vaxination Rate-Positive Testing Rate)



# Key Take Away Points

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- > Latinos have been disproportionately impacted by COVID-19 infections and mortality.
- > Latinos lag non-Hispanic Whites in COVID-19 testing, even though this disparities.
- > Access to vaccines is limiting efforts to vaccinate Latinos, though unaddressed hesitancy remains important
  - Navigation, language and cost concerns
- > The state's vaccine monitoring and reporting metrics lack measures of equity and transparency.
  - State-wide data at the county-, zip code- and census tract-levels is needed



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## ¡Bienvenidos! Welcome

**The first research center in Washington with a singular focus on promoting Latino health**

The Latino Center for Health provides leadership for community-engaged research through capacity building and authentic partnerships with community stakeholders to promote impactful improvements in the health and well-being of Latinx communities in Washington state, regionally, and nationally.

[COVID-19 & LATINO HEALTH](#)

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