AUSTIN ASIAN COMMUNITY HEALTH INITIATIVE

COVID Vaccine Outreach Survey Report
2-26-2021

Description of Methods

- AACHI provided the COVID Vaccine Survey in 8 languages; English, Arabic, Burmese, Chinese (Simplified), Hindi, Korean, Nepali, Vietnamese. These were translated in-house by AACHI staff.
- We used Google Forms to administer the survey and closed on Feb 15th.
- We sent the survey to all current and past clients of AACHI, and used a combination of social media, messaging apps, emails, and texting to distribute the survey the the broader community.
- We collected 1046 responses.
- To analyze and report back on our data, we translated responses back to English.

Questions

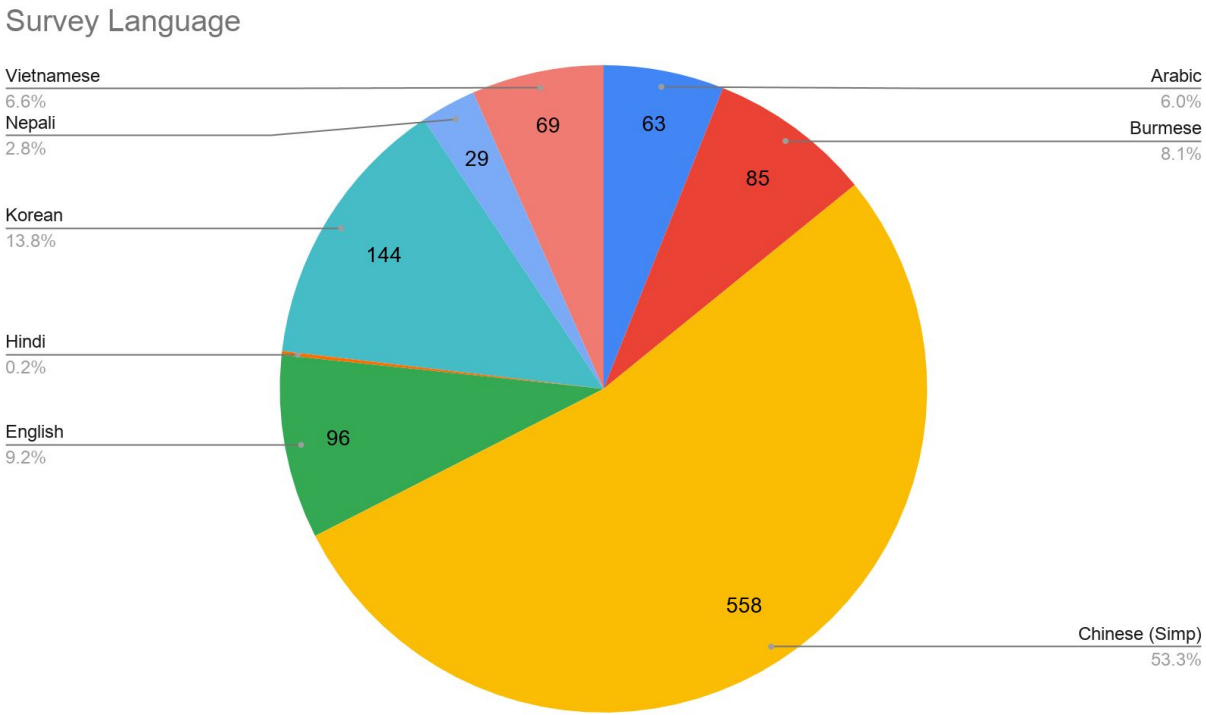
1. **How old are you?**
2. **Do you have any pre-existing conditions such as diabetes, cancer, heart conditions or any other pre-existing conditions that may increase your risk for severe illness caused by the COVID-19 virus?**
3. **What is your race?**
4. **What is your ethnicity? Choose all that apply**
5. **What is your English level/proficiency?**
6. **Do you have health insurance?**
7. **Do you have a doctor or clinic you regularly visit for annual check-ups?**
8. **What is your current Immigration status? (This survey is anonymous and cannot be traced back to you)**
9. **Are you interested in receiving the COVID-19 vaccine?**
10. **Do you have any concerns about receiving the COVID-19 vaccine?**
11. **What are your current concerns? Choose all that apply**
12. **What are current barriers for you to access the vaccine? Choose all that apply**
13. **How do you currently receive information about COVID-19 testing and vaccine updates? Choose all that apply**
14. **Added Ad-Hoc: Do you live in the Greater Austin Area? This includes Travis, Williamson, Hays, Bastrop, Burnet, or Caldwell County.**

Description of Methods - Limitations

- Due to the anonymous nature of the survey and our digital outreach connections, there may be survey respondents that are not within the Greater Austin Area that we are unable to remove. We added an additional question ad-hoc to capture geographic area and removed any responses outside the GAA.
- We recognize that there may be some “bad data” where the respondent may have chosen erroneous demographic information or there may have been bots taking the survey due to the raffle element. We did not remove those responses at this time but will look deeper into the data in the future.
- **Note: AACHI’s report back currently is disaggregated by the language the respondent took the survey in, not their reported ethnicity- therefore we want to note that the English survey respondents self-reported many different ethnicities and that some survey languages had few responses (ex: Hindi)**

Findings

Survey Respondent Demographics



The surveys were shared in a variety of digital platforms, and due to anonymity, there are respondents that may not reside in the Greater Austin Area, particularly for Chinese survey respondents.

Survey Language	# of respondents
Arabic	63
Burmese	85
Chinese (Simp)	558
English	96
Hindi	2
Korean	144
Nepali	29
Vietnamese	69
Grand Total	**1046**

This is the language that the respondent took the survey in. AACHI provided 8 different language versions for accessibility. Many takers of Asian descent took the English version of the survey.

Survey Respondent Demographics

What is your race?	# of respondents
Asian	875
White	119
Black or African American	18
Asian, White	18
Some Other Race	4
Two or More Races	2
Other	2
Native Hawaiian or Other Pacific Islander	2
Asian,White	2
American Indian or Alaska Native	2
White, American Indian or Alaska Native	1
Asian, Black or African American	1
Grand Total	**1046**

Note: Many Arabic speakers of Iraqi, Irani descent chose “White,” “Asian, White,” or “Asian”

What is your ethnicity? Cho	# of respondents
Afghan	1
African	1
African American	3
Bhutanese	3
Burmese	72
Chinese or Taiwanese	352
Ethiopian	1
Filipino	1
Hispanic or Latino	79
Indian	19
Irani	3
Iraqi	35
Iraqi, Syrian	2
Japanese	1
Jewish	1
Jordanian	1
Korean	273
Kurdish	4
Nepali	43
Nepali, Bhutanese	4
Nepali, Indian	1
Other	29
Pakistani	3
Persian	1
Syrian	17
Two or more ethnic groups	11
Vietnamese	73
White	11
Grand Total	1046

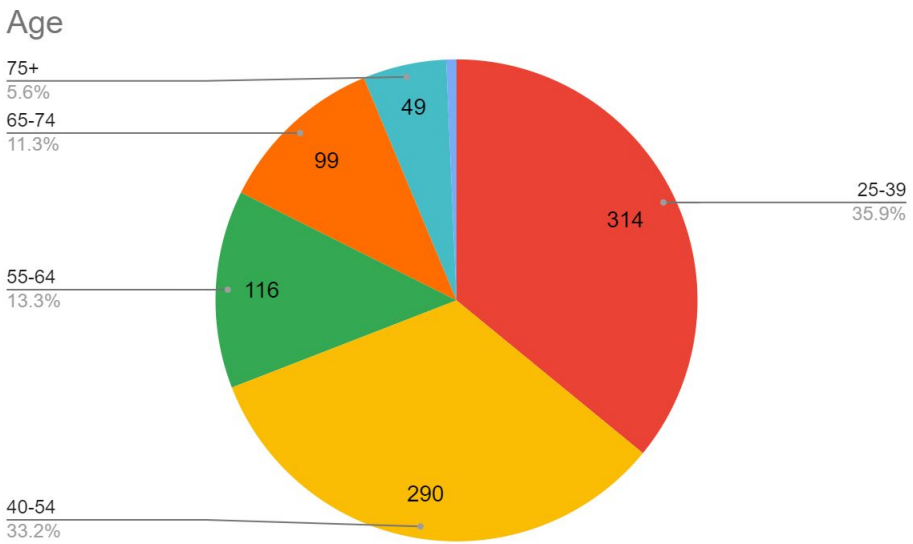
English Survey Respondents' Self-Reported Ethnicities

Many South Asian respondents (Nepali, Indian) opted for the English version of the survey versus our Nepali or Hindi translated survey.

What is your ethnicity? (English Takers)	# of respondents
Nepali	18
Hispanic or Latino	16
Chinese or Taiwanese	16
White	11
Indian	10
African American	4
Vietnamese	3
Pakistani	3
Iraqi	3
Two or more ethnic groups (Asian)	2
Korean	2
Persian	1
Jewish	1
Japanese	1
Irani	1
Filipino	1
Ethiopian	1
Burmese	1
Afghan	1
Grand Total	**96**

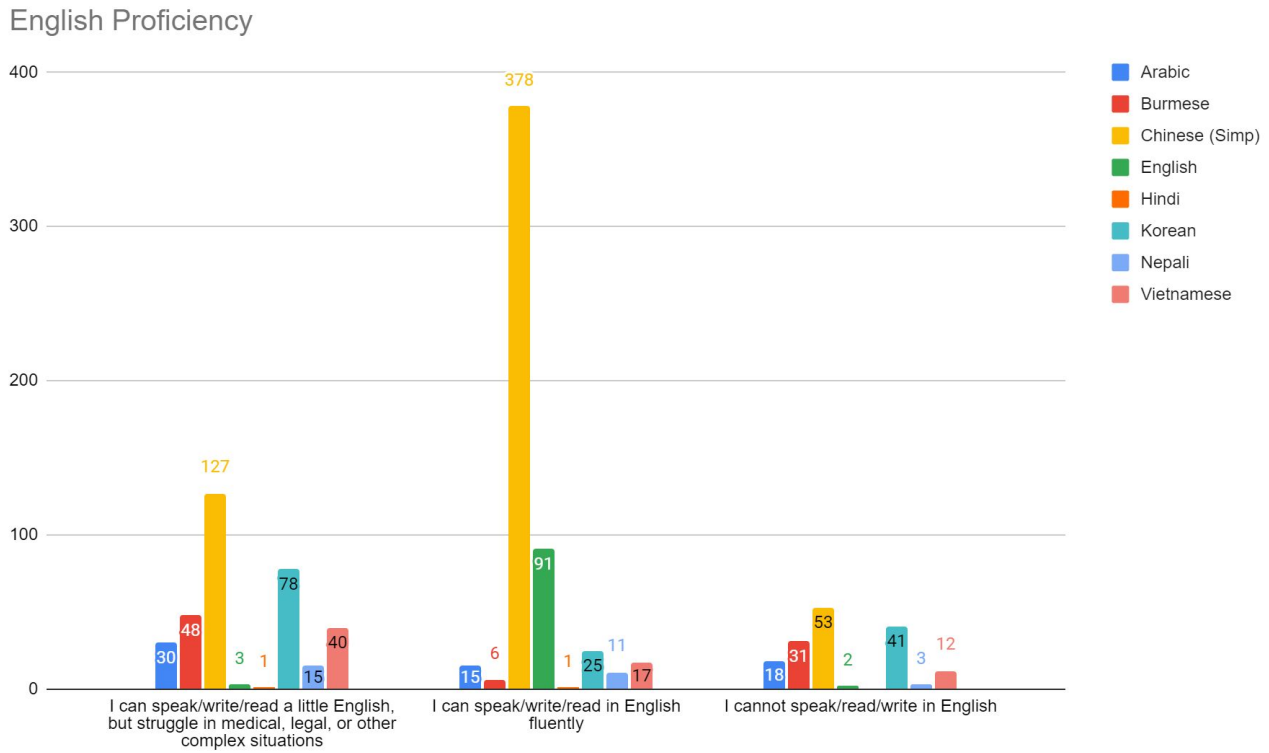
How old are you?									
Language	Arabic	Burmese	Chinese (Simp)	English	Hindi	Korean	Nepali	Vietnamese	Grand Total
18-24	4	7	143	5		3		10	172
25-39	33	29	179	34	1	5	14	19	314
40-54	20	33	118	27	1	64	11	16	290
55-64	4	5	51	17		26	3	10	116
65-74	1	6	44	7		28	1	12	99
75+	1	4	20	5		18		1	49
Under 18		1	3	1				1	6
Grand Total	**63**	**85**	**558**	**96**	**2**	**144**	**29**	**69**	**1046**

Most survey respondents were between 26-54 years of age



What is your English level/proficiency?	# of respondents
I can speak/write/read a little English, but struggle in medical, legal, or other complex situations	342
I can speak/write/read in English fluently	544
I cannot speak/read/write in English	160
Grand Total	**1046**

48% of respondents are LEP



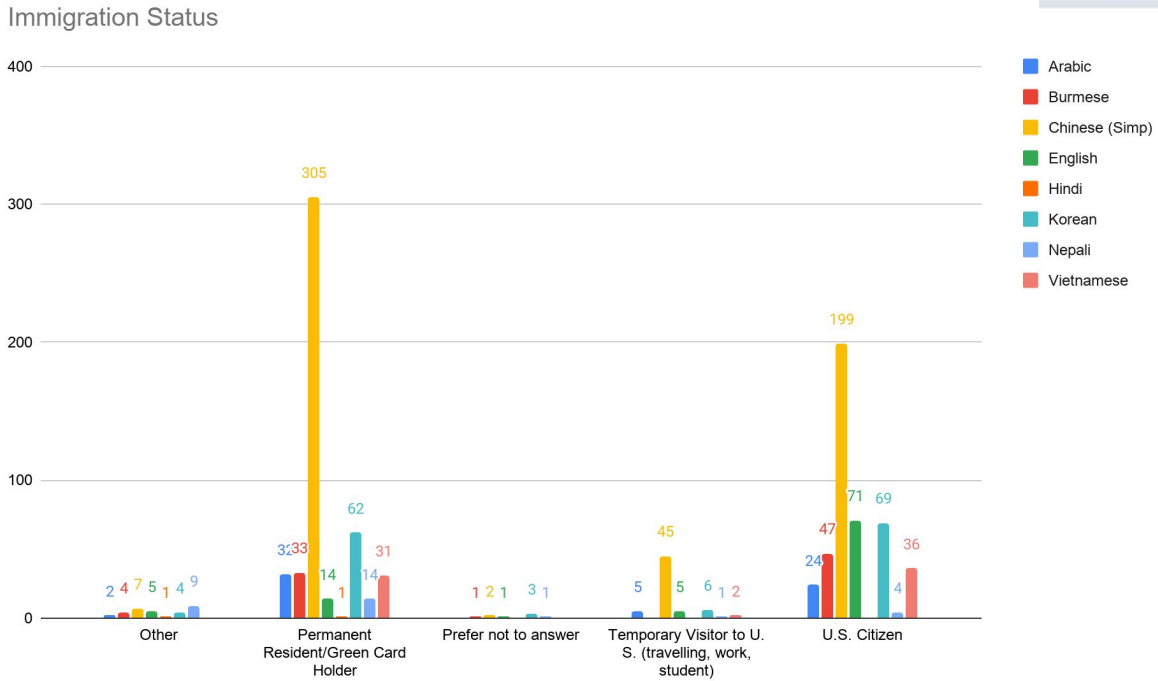
English Proficiency cont

What is your English level/proficiency?									
Language	Arabic	Burmese	Chinese (Simp)	English	Hindi	Korean	Nepali	Vietnamese	Grand Total
									0
I can speak/write/read a little English, but struggle i	30	48	127	3	1	78	15	40	342
I can speak/write/read in English fluently	15	6	378	91	1	25	11	17	544
I cannot speak/read/write in English	18	31	53	2		41	3	12	160
Grand Total	**63**	**85**	**558**	**96**	**2**	**144**	**29**	**69**	**1046**
Percentage of resondents that reported LEP	76.19%	92.94%	32.26%	5.21%	50.00%	82.64%	62.07%	75.36%	47.99%

Majority of non-english survey takers had high levels of LEP, with the exception for Chinese and English survey takers.

Immigration Status

What is your current Immigration status?	# of respondents
	0
Other	32
Permanent Resident/Green Card Holder	492
Prefer not to answer	8
Temporary Visitor to U.S. (travelling, work	64
U.S. Citizen	450
Grand Total	**1046**



Majority of respondents were Permanent Residents or U.S. Citizens

Immigration status cont.

What is your current Immigration status? (This survey is anonymous and cannot be traced back to you)									
Survey Language	Arabic	Burmese	Chinese (Simp)	English	Hindi	Korean	Nepali	Vietnamese	Grand Total
Other	2	4	7	5	1	4	9		32
Permanent Resident/Green Card Holder	32	33	305	14	1	62	14	31	492
Prefer not to answer		1	2	1		3	1		8
Temporary Visitor to U.S. (travelling, work	5		45	5		6	1	2	64
U.S. Citizen	24	47	199	71		69	4	36	450
Grand Total	**63**	**85**	**558**	**96**	**2**	**144**	**29**	**69**	**1046**

Do you have health insurance?									
Survey Language	Arabic	Burmese	Chinese (Simp)	English	Hindi	Korean	Nepali	Vietnamese	Grand Total
No	16	14	46	14		19	4	1	114
Yes, I have MAP, Lonestar Circle of Care Card, CommUnityCare Sliding Scale Program	11	35	35	4	1	17	5	10	118
Yes, I have Medicare, Medicaid, CHIP, Healthy Texas Women's	18	23	166	18		41	1	8	275
Yes, I have private insurance through my employer or the marketplace (Obamacare)	18	13	311	60	1	67	19	50	539
Grand Total	**63**	**85**	**558**	**96**	**2**	**144**	**29**	**69**	**1046**
Percentage of respondents with no health insurance/coverage	25.40%	16.47%	8.24%	14.58%	0.00%	13.19%	13.79%	1.45%	10.90%

Only 10% of all respondents did not have health coverage. However the percentage is higher amongst Arabic speaking communities (25%) that took the survey.

Do you have a doctor or clinic you regularly visit for annual check-ups?									
Survey Language	Arabic	Burmese	Chinese (Simp)	English	Hindi	Korean	Nepali	Vietnamese	Grand Total
									0
I am not sure.	8	11	25	2	1	1	2	4	54
No	18	18	166	20		40	18	16	296
Yes	37	56	367	74	1	103	9	49	696
Grand Total	**63**	**85**	**558**	**96**	**2**	**144**	**29**	**69**	**1046**
Percentage of respondents without a regular PCP/Clinic or unsure	41.27%	34.12%	34.23%	22.92%	50.00%	28.47%	68.97%	28.99%	33.46%

33% of all respondents did not have (or unsure of) a regular clinic or PCP. It is higher when looking at the Arabic (41%) and Nepali (69%) speaking communities.

Do you have any pre-existing conditions such as diabetes, cancer, heart conditions or any other pre-existing conditions that may increase your risk for severe illness caused by the COVID-19 virus?									
Survey Language	Arabic	Burmese	Chinese (Simp)	English	Hindi	Korean	Nepali	Vietnamese	Grand Total
I am not sure if I have a pre-existing condition that may increase my risk.	9	13	31	5		6	4	7	75
No	42	51	414	51	2	101	21	37	719
Yes	12	21	113	40		37	4	25	252
Grand Total	**63**	**85**	**558**	**96**	**2**	**144**	**29**	**69**	**1046**
Percentage of respondents with pre-existing conditions	19.05%	24.71%	20.25%	41.67%	0.00%	25.69%	13.79%	36.23%	24.09%

Overall, 24% of our respondents had a pre-existing condition, which a high percentage of English survey respondents reporting at-risk conditions.

Do you have any concerns about receiving the COVID-19 vaccine?									
Survey Language	Arabic	Burmese	Chinese (Simp)	English	Hindi	Korean	Nepali	Vietnamese	Grand Total
									0
I am not sure.	8	11	82	7		24	13	7	152
No	24	55	231	65	1	43	14	32	465
Yes	31	19	245	24	1	77	2	30	429
Grand Total	**63**	**85**	**558**	**96**	**2**	**144**	**29**	**69**	**1046**
Percentage of respondents with concerns or not sure	61.90%	35.29%	58.60%	32.29%	50.00%	70.14%	51.72%	53.62%	55.54%

Of all survey respondents, over 50% had concerns, and when disaggregated, Arabic and Korean speakers had the highest level of concern. Burmese and English survey respondents had the lowest levels of concerns.

Interest in vaccine

Are you interested in receiving the COVID-19 vaccine?									
Survey Language	Arabic	Burmese	Chinese (Simp)	English	Hindi	Korean	Nepali	Vietnamese	Grand Total
									0
I am not sure.	21	16	49	6		26	1	4	123
No	22	8	86	4		6	1		127
Yes	20	61	423	86	2	112	27	65	796
Grand Total	**63**	**85**	**558**	**96**	**2**	**144**	**29**	**69**	**1046**
Percentage of respondents that do not want the vaccine	34.92%	9.41%	15.41%	4.17%	0.00%	4.17%	3.45%	0.00%	12.14%

In total, only 12% did not want to receive the vaccine. A large percentage of Arabic language survey takers did not want to receive the vaccine.

Vaccine Concerns

Survey Language	I am worried about the side effects and risks	I do not think it is safe (ingredients, developed too quickly)	I don't know which one I should receive, Moderna or Pfizer	I am pregnant and worry about the safety of the vaccine	I don't think the vaccine will protect me from the mutated COVID-19 strains	I don't know how long the vaccine protection will last	I do not have any concerns about about the COVID-19 vaccine	Other
Arabic	36	17	27	0	19	20	15	4
Burmese	25	5	15	3	4	7	45	2
Chinese (Simp)	310	108	148	19	64	195	75	52
English	29	10	19	0	13	22	42	0
Hindi	1	0	1	0	0	0	1	0
Korean	92	30	37	1	25	49	21	1
Nepali	7	2	6	0	1	5	12	2
Vietnamese	44	8	22	3	7	14	16	4
Grand Total	**544**	**180**	**275**	**26**	**133**	**312**	**227**	**65**
Percentage of responde	**52.01%**	**17.21%**	**26.29%**	**2.49%**	**12.72%**	**29.83%**	**21.70%**	**6.21%**

The most common concern amongst respondents were regarding risks of receiving the vaccine. Again, many Burmese and English survey respondents had no concerns.

Vaccine Barriers

Survey Language	Vaccine Information and/or scheduling are not available in my preferred language	I do not have access to transportation to get to a vaccine distribution site	I do not know how/where to schedule an appointment to receive the vaccine	I do not have enough information about the vaccine to feel safe receiving the vaccine	There is no availability for vaccine appointments	I don't have health insurance	I am worried about immigration related issues	I am worried about the cost associated with receiving the vaccine	I do not want to receive the vaccine	Other Barriers
Arabic	13	3	25	27	16	9	3	19	14	0
Burmese	7	14	29	8	17	5	0	8	6	28
Chinese (Simp)	64	56	221	161	155	23	65	52	15	57
English	1	2	34	12	47	7	0	3	5	0
Hindi	1	1	2	1	1	0	0	0	0	0
Korean	20	4	75	51	30	8	1	9	7	5
Nepali	14	2	17	12	22	2	0	1	3	1
Vietnamese	28	11	51	11	18	0	0	5	0	2
Grand Total	148	93	454	283	306	54	69	97	50	93
Percentage of respondents	14.15%	8.89%	43.40%	27.06%	29.25%	5.16%	6.60%	9.27%	4.78%	8.89%

Most common barrier to accessing the vaccine was that respondents did not know how or where to schedule an appointment. These were followed closely by unavailable vaccine appointments, and not enough information to feel safe receiving the vaccine.

Communication

Survey Language	Social media (facebook, instagram, twitter, tiktok, Youtube)	Messaging app (wechat, viber, kakaotalk, FB messenger, WhatsApp)	From friends and family	Community leaders or organizations I trust	Health experts like Austin Public Health, CommUnityCare, PCP	My employer or workplace	English speaking TV network, newspaper, or radio	Non-English speaking TV network, newspaper, radio	Businesses I trust	Religious group(s)	Other Communication
Arabic	42	8	33	9	12	8	14	25	4	1	5
Burmese	30	13	39	10	26	1	1	9	0	2	6
Chinese (Simp)	340	205	265	28	133	44	109	75	17	7	8
English	51	13	48	15	32	18	29	2	0	1	0
Hindi	2	1	2	1	1	2	1	1	1	0	1
Korean	48	20	67	25	24	15	48	36	1	14	2
Nepali	27	11	20	6	9	12	15	18	0	1	1
Vietnamese	41	6	44	19	9	2	14	12	0	1	2
Grand Total	581	277	518	113	246	102	231	178	23	27	25
Percentage of respondents	55.54%	26.48%	49.52%	10.80%	23.52%	9.75%	22.08%	17.02%	2.20%	2.58%	2.39%

A majority of respondents used social media to access COVID-19 testing and vaccine information, followed closely by word of mouth from friends and family.

Recommendations

Recommendations

- Through our analysis, we see a high need to provide linguistically appropriate resources and information to the communities we serve.
- We will create standardized messaging for all AACHI communities, including in English. We will use as much resources from APH as possible, and create our own material to supplement.
- We will prioritize messaging on each vaccine (particularly regarding risks) and where/how to access a variety of vaccine distribution locations and particularly how to register for appointments through APH.
- We will utilize a combination of social media (primarily Facebook), messaging apps, phone banking, and some in-person and virtual events to educate the community.