MIMACS MICHIGAN METRO AREA COMMUNITIES STUDY
UNIVERSITY OF MICHIGAN

MIMACS - Flint Wave 1 Toplines ● February 24 - April 19, 2022

The Michigan Metro Area Communities Study (DMACS) is designed to provide a reliable source for timely and relevant public opinion data in select Michigan communities by using state-of-the-art scientific methods to obtain the most representative insights available. MIMACS engages with community partners to solicit input on questionnaires and to help interpret results and disseminate them to the community. We sent invitations by U.S. mail to 5,000 households in Flint to participate in this survey. Surveys were self-administered online or interviewer-administered via telephone between February 24, 2022 and April 19, 2022. We report results for the 628 Flint residents who completed the survey. We obtained an overall response rate of 13.21% (using AAPOR Response Rate 1).

The below results reflect weighted responses. This survey is based on a stratified random sample with three strata: likely African American households, likely Hispanic households, and all others. Respondents were assigned a design weight that was equal to the inverse of the selection probability (the number of households in the area as estimated by the Census, divided by the number of sampled households in each strata, multiplied by the number of residents in the selected household). We applied raking to adjust the weights to match the estimated distributions on gender, age, race, education, and income based on the U.S. Census Bureau's 2020 American Community Survey (ACS). The margin of error for a simulated Bernoulli variable ($p= 0.5$) is 6% percentage points at the 95% confidence level. The actual margin of sampling error varies by statistics.

This survey wave was undertaken as part of a collaborative data collection effort across 22 states through the NIH Community Engagement Alliance (CEAL) Against COVID-19 Disparities. Questions common to survey instruments across this collaborative are indicated as CEAL core survey items.

Sample Demographics
The below demographics summarize select characteristics of the weighted survey sample.

Gender		
	Male	44%
	Female	54%
	Different gender identification	1%

Age		
	<35	31%
	35-54	31%
	55-64	19%
	65+	19%

Race/Ethnicity		
	Non-Hispanic White Alone	36%
	Non-Hispanic Black Alone	54%
	Non-Hispanic Other (including multirace)	6%

Hispanic	5%

Highest level of school completed	Less than high school	14%
	High school diploma or equivalent	36%
	Some college/Associates degree	38%
	College +	12%

Household income	<$10,000	20%
	$10,000-$25,999	29%
	$25,000-$49,999	23%
	$50,000-$99,999	21%
	$100,000+	8%

Survey Results

Block 1: Neighborhood Satisfaction

To begin, we have some questions about your **neighborhood**.

Please indicate how satisfied you are with each of the following aspects of life in your neighborhood

	Very dissatisfied	Somewhat dissatisfied	Neither satisfied nor dissatisfied	Somewhat satisfied	Very Satisfied	Don't know	SKIPPED/ MISSING
1. The availability of affordable housing [nb_satis_houseprice_f1]	19%	15%	20%	21%	18%	6%	<1%
2. The availability of public transportation [nb_satis_transit_f1]	7%	11%	13%	27%	31%	10%	1%
3. The amount of crime [nb_satis_crime_f1]	48%	22%	12%	10%	6%	3%	<1%

4. The condition of most houses [nb_satis_housequal_f1]	34%	25%	8%	18%	14%	<1%	1%
5. The availability of parks and playgrounds [nb_satis_parks_f1]	24%	20%	16%	21%	16%	3%	<1%
6. Access to public facilities such as libraries, recreation and community centers [nb_satis_facilities_f1]	15%	19%	17%	28%	19%	2%	<1%
7. The availability of stores nearby where I can shop regularly [nb_satis_stores_f1]	21%	16%	8%	31%	25%	<1%	<1%

8. On a scale of 1 to 7, where 1 means **very dissatisfied** and 7 means **very satisfied**, how satisfied overall are you with **your neighborhood** as a place to live?
[nb_satis_f1]

1- Very dissatisfied	13%
2- Mostly dissatisfied	11%
3- Somewhat dissatisfied	15%
4- Neither satisfied nor dissatisfied	10%
5- Somewhat satisfied	23%
6- Mostly satisfied	17%
7- Very satisfied	9%
SKIPPED/MISSING	3%

9. Thinking about the quality of life in **your neighborhood**, over the **past year** do you feel it is improving, declining, or staying the same?
[nb_qol_f1]

Improving	16%
Declining	42%
Staying the same	41%
Don't know	2%
SKIPPED/MISSING	<1%

10. In the **past year** I have noticed…
[nb_chng_pop_f1]

More people moving into my neighborhood	13%
More people moving out of my neighborhood	30%
No change in people moving in or out of my neighborhood	46%
Don't know	11%
SKIPPED/MISSING	1%

11. In the **past year** I have noticed…
[nb_chng_bus_f1]

More businesses opening in my neighborhood	6%
More businesses closing in my neighborhood	36%
No change in businesses opening or closing in my neighborhood	50%
Don't know	8%
SKIPPED/MISSING	<1%

12. In the **past year** I have noticed…
[nb_chgn_safety_f1]

My neighborhood is safer	7%
My neighborhood is less safe	39%
Safety in my neighborhood hasn't changed	50%
Don't know	3%
SKIPPED/MISSING	1%

13. In the **past year** I have noticed…
[nb_chgn_attractive_f1]

My neighborhood is more attractive	13%
My neighborhood is less attractive	42%
My neighborhood's attractiveness hasn't changed	39%
Don't know	5%

SKIPPED/MISSING	<1%

14. When you walk in your neighborhood, how safe do you feel?
[walk_safety_f1]

Not safe	28%
Somewhat safe	52%
Very safe	16%
Don't know	5%
SKIPPED/MISSING	<1%

Bock 2: Residence

Next, we have some questions about your current living situation.

15. About how long have you lived at your current address?
[current_res_len_f1]

Less than six months	3%
Six months to 1 year	7%
1 to 5 years	33%
6 to 10 years	20%
11 to 20 years	17%
More than 20 years	20%
SKIPPED/MISSING	<1%

16. Is your current residence....
[housing_f1]

Owned by you or someone in this household **with a mortgage** or loan (which could be a home equity loan)	26%
Owned by you or someone in this household **free and clear** (without a mortgage or loan)	34%
Occupied without payment of rent	2%
Rented	37%
SKIPPED/MISSING	1%

IF [housing_f1] IS "Owned by you or someone in this household with a mortgage or loan (which could be a home equity loan)" OR "Owned by you or someone in this household free and clear (without a mortgage or loan)"

17. Do you own the home where you are living or does someone else in your household own it? [home_owner_f1]

I own it	54%
Someone else in this household owns it	25%
I and someone else own it together	20%
SKIPPED/MISSING	1%

18. **Besides yourself,** are there any other adults (age 18 or older) living in your household? [hhanyoneelse_f1]

Yes	72%
No	28%
SKIPPED/MISSING	<1%

IF [hhanyoneelse_r1] IS "Yes"

19. **Besides yourself**, how many adults in each category live in your household? CEAL core survey item

N= 296

	0	1	2	3	4+	SKIPPED/ MISSING
18 to 64 years old (NUMBER TEXT BOX) [hhcat_18to64_f1]	4%	52%	28%	10%	5%	0%
65 years or older (NUMBER TEXT BOX) [hhcat_65plus_f1]	58%	32%	8%	0%	4%	0%

20. Are there any children under age 18 living in your household? [hhcat_child_f1]

Yes	30%
No	70%
SKIPPED/MISSING	0%

IF [hhcat_child_f1] IS "Yes"

21. How many children in each age group live in your household?

	0	1	2	3	4+	SKIPPED/ MISSING
Children aged 4 or under [hhcat_0to4_f1]	37%	25%	15%	2%	<1%	20%
Age 5 to 11 years old [hhcat_5to11_f1]	21%	31%	26%	3%	1%	18%

N=178	Age 12 to 17 years old [hhcat_12to17_f1]	33%	33%	9%	1%	<1%	24%

IF [hhcat_0to4_f1] OR [hhcat_5to11_f1] OR [hhcat_12to17_f1] IS "Yes"

A custodial parent or guardian is someone who has the child living with him or her and has primary care, custody and responsibility for the child.

IF [hhcat_5to11_f1] IS "Yes"

22. Are you the custodial parent or guardian of any of the children ages 5-11 years old that are living in your household?
[parentguard_5-11_f1]
N= 104

Yes	53%
No	43%
Prefer not to answer	4%
SKIPPED/MISSING	1%

IF [hhcat_12to17_f1] IS "Yes"

23. Are you the custodial parent or guardian of any of the children ages 12-17 years old that are living in your household?
[parentguard_12up_f1]
N= 83

Yes	70%
No	28%
Prefer not to answer	2%
SKIPPED/MISSING	0%

Block 3: Healthcare

Now we have some questions about your experience with **healthcare**.

24. When was the last time you saw a doctor or other health care professional for a physical or regular check-up?
CEAL core survey item
[doctor_visit_f1]

Never	2%
Within the past 12 months/1 year	77%
1 to 2 years ago	11%
3 to 4 years ago	7%
5 to 9 years ago	2%
10 years ago or more	2%
SKIPPED/MISSING	<1%

25. Do you have any kind of health insurance or health care plan? This includes health insurance you get from your job or school, that you buy yourself, and programs like Medicare and Medicaid.
CEAL core survey item
[insured_f1]

Yes [GO TO [insurance_type_f1]]	92%
No [GO TO [insurance_lost_covid_f1]]	6%
Don't know [GO TO [challenges_f1]]	2%
SKIPPED/MISSING	0%

IF [insured_f1] IS "No"

26. Did you lose health care coverage during the COVID-19 pandemic?
CEAL core survey item
[insurance_lost_covid_f1]
n= 29

Yes [GO TO [challenges_f1]]	27%
No	73%
SKIPPED/MISSING	0%

IF [insured_f1] IS "Yes"

27. What is the primary kind of health insurance or health care plan that you have now?
CEAL core survey item
[insurance_type_f1]
n= 590

Private health insurance through a job or school	28%
Insurance bought through a government exchange such as healthcare.gov	6%
Insurance bought from a health plan or company	6%
Medicare	22%
Medi-Gap	<1%
Medicaid	34%
CHIP or kid's state insurance	0%
Military health care	1%
Indian Health Service	0%
Other	1%
Don't know	2%
SKIPPED/MISSING	<1%

Block 4: Pandemic Experience and Testing

Now we will shift to asking questions about how you are experiencing the impacts of the **COVID-19 pandemic**.

The COVID-19 pandemic may cause challenges for some people, whether they get COVID-19 or not. In the **past month** have you or your family experienced any of the below challenges? (ORDER RANDOMIZED)
CEAL core survey items

	No, this is not a challenge	Yes, this is a minor challenge	Yes, this is a major challenge	SKIPPED/ MISSING
28. Getting the health care I need (including for mental health) [challenge_health_f1]	74%	17%	8%	<1%
29. Having a place to live [challenge_house_f1]	82%	10%	7%	1%
30. Getting enough food to eat [challenge_food_f1]	70%	22%	8%	1%
31. Having clean water to drink [challenge_water_f1]	43%	29%	27%	1%
32. Getting the medicine I need [challenge_meds_f1]	80%	13%	6%	1%
33. Getting to where I need to go [challenge_transpo_f1]	72%	18%	9%	2%
34. Taking care of my children or other people in my care [challenge_care_f1]	75%	15%	4%	6%

35. Have you ever been tested for COVID-19?
    CEAL core survey item
    [covid_test_ever_f1]

Yes	75%
No	25%
SKIPPED/MISSING	0%

IF [covid_test_ever_f1] IS "Yes"

36. Have you ever tested positive for COVID-19?
    CEAL core survey item

Yes	58%
No	40%

[covid_testpos_f1]

SKIPPED/MISSING	3%

37. If you were entering a business establishment (such as a grocery store) where you were not required to wear a mask, how likely would you be to wear a mask?
[mask_notrequired_f1]

Not at all likely	18%
Somewhat unlikely	8%
Somewhat likely	15%
Very likely	59%
SKIPPED/MISSING	<1%

The next few questions ask about the federal government program to provide free at-home COVID tests.

Every home in the U.S. is eligible to order 4 free at-home COVID-19 tests from the federal government. (We provide more information on how to order these tests at the end of the survey.)

38. Prior to taking this survey, had you heard about the federal government's free at-home COVID test program?
[freetests_aware_f1]

Yes	76%
No	24%
SKIPPED/MISSING	<1%

IF [freetests_aware_f1] is "Yes"

39. Have you ordered any free at-home COVID tests?
[freetests_pastorder_f1]

Yes	54%
No	47%
SKIPPED/MISSING	0%

IF [freetests_order_f1] IS "No"

40. Do you plan to order any free at-home COVID tests?
[freetests_plan_f1]

Yes	34%
No	65%
SKIPPED/MISSING	1%

Block 5: Vaccination

Now we have some questions about your experience with COVID-19 vaccines and vaccine booster shots.

41. Have you received a COVID-19 vaccine?
CEAL core survey item
[vac_received_f1]

Yes (I have received at least one dose/injection of a vaccine)	65%
No	35%
SKIPPED/MISSING	<1%

42. Which type of COVID-19 vaccine did you receive? (We are asking about your original COVID-19 vaccine shot(s), not booster shots.) [vac_type_f1]

I got a one-dose vaccine (e.g., Johnson & Johnson or AstraZeneca)	8%
I got the first dose/injection of a two-dose vaccine (e.g., Moderna or Pfizer)	8%
I got both doses/injections of a two-dose vaccine (e.g., Moderna or Pfizer)	82%
Other	1%
Don't know	<1%
SKIPPED/MISSING	0%

43. How likely are you to get the second dose of your COVID-19 vaccine?
CEAL core survey item
[vac_dose2_f1]

N=30

1 - Not at all likely	2%
2	12%
3	5%
4 - Neutral	27%
5	21%
6	3%
7 - Very likely	30%

44. How likely are you to get a COVID-19 vaccine in the next several months?
CEAL core survey item
[vac_future_f1]

1 - Not at all likely	74%
2	2%
3	3%

4 - Neutral	15%
5	2%
6	4%
7 - Very likely	2%
SKIPPED/MISSING	0%

IF [covid_testpos_f1] IS "Yes" and [vac_received_f1] IS "Yes"

45. Since being vaccinated have you tested positive for COVID-19? [vac_postvac_pos_f1]

Yes	44%
No	55%
SKIPPED/MISSING	<1%

If [vac_type_f1] IS "I got a one-dose vaccine (e.g., Johnson & Johnson or AstraZeneca)" OR "I got both doses/injections of a two-dose vaccine (e.g., Moderna or Pfizer)"

Next we will ask you about COVID-19 vaccine booster shots. A booster shot is an additional dose of a vaccine given after the protection provided by the original shot(s) has begun to decrease over time.

46. Have you received a COVID-19 vaccine booster? This could include receiving a 3rd dose of the Pfizer or Moderna vaccine or receiving another vaccine after getting the one-dose Johnson & Johnson vaccine. [booster_received_f1]

Yes, I received a vaccine booster	64%
No, I have not received a vaccine booster	34%
SKIPPED/MISSING	<1%

IF [booster_received_f1] IS "No"

47. How likely are you to get a COVID-19 vaccine booster in the next several months?
CEAL core survey item
[vac_boostfuture_f1]

1 - Not at all likely	16%
2	0%
3	2%
4 - Neutral	24%
5	8%
6	5%
7 - Very likely	44%
SKIPPED/MISSING	<1%

IF [vac_received_f1] IS "No"

You indicated that you have not yet received a COVID-19 vaccine. Please indicate which, if any, of the following are reasons why you have not been vaccinated. For each of the reasons below, please indicate "yes" (if it is a reason) or "no" (if it is not a reason). (ORDER RANDOMIZED, EXCEPT WHERE NOTED)
CEAL core survey items

	Yes	No	SKIPPED/ MISSING
48. I do not get vaccines in general. [novac_belief_f1]	31%	63%	6%
49. I have concerns about the effectiveness of COVID-19 vaccines. [novac_efficacy_f1] (PLACEMENT FIXED)	80%	19%	1%
50. I have concerns about the safety or side effects of COVID-19 vaccines. [novac_safetysideeffect_f1] (PLACEMENT FIXED)	79%	20%	1%
51. I feel my risk of getting COVID-19 is low. [novac_lowrisk_f1] (PLACEMENT FIXED)	35%	58%	5%
52. I don't know how to schedule a vaccine appointment. [novac_appt_f1]	6%	89%	5%
53. I don't have transportation to get to a vaccine site. [novac_transport_f1]	12%	80%	9%
54. I don't have time to get vaccinated. [novac_time_f1]	9%	87%	4%
55. I might need to miss work if the side effects of the vaccine make me feel sick. [novac_work_f1]	36%	57%	8%

56. How confident are you that the COVID-19 vaccines currently available in the U.S. are safe? CEAL core survey item [vac_safe_f1]		
Very confident	38%
Somewhat confident	24%
Not too confident	13%
Not at all confident	15%
Don't know	10%
SKIPPED/MISSING	<1%

Block 6: Vaccines for Children

IF [parentguard_f1] IS "Yes"] and [hhcat_12to17_f1] IS GREATER THAN 1

57. Has your child/children ages 12-17 already been vaccinated against COVID-19? [vac_kids_older_f1]
    N= 66

Yes	30%
No	69%
SKIPPED/MISSING	<1%

IF [hhcat_12to17_f1] IS GREATER THAN 1 AND [vac_kids_older_f1] IS "Yes"

58. Has your child/children ages 12-17 gotten the booster? [boost_kids_older_f1]

    N=26

Yes	27%
No	73%
SKIPPED/MISSING	0%

IF [hhcat_12to17_f1] IS GREATER THAN 1 AND [vac_kids_older_f1] IS "No"

59. For your child/children ages 12-17, how comfortable are you getting your child/children vaccinated against COVID-19 in the future? [vac_kids_older_comfort_f1]
    N= 39

1 - Not at all comfortable	76%
2	4%
3	5%
4 - Neutral	6%
5	1%
6	3%
7 - Very comfortable	5%
SKIPPED/MISSING	0%

IF [hhcat_5to11_f1] IS GREATER THAN 1

60. Has your child/children ages 5-11 already been vaccinated against COVID-19? [vac_kids_younger_f1]
    N= 75

Yes	9%
No	91%
SKIPPED/MISSING	0%

IF [vac_kids_younger_f1] IS No

61. For your child/children ages 5-11, how comfortable are you getting your child/children vaccinated against COVID-19 in the future?
[vac_kids_younger_comfort_f1]
    N = 62

1 - Not at all comfortable	60%
2	9%
3	0%
4 - Neutral	23%
5	1%
6	1%
7 - Very comfortable	7%
SKIPPED/MISSING	0%

Block 7: Vaccine Attitudes and Trust

62. How much do you trust the federal government to ensure the COVID-19 vaccine is safe for the public?
CEAL core survey item
[vac_trust_covid_f1]

Fully trust	20%
Mostly trust	21%
Somewhat trust	28%
Do not trust	31%
SKIPPED/MISSING	1%

63. How much do you trust the federal government to ensure a COVID-19 vaccine is safe **for children**?
CEAL core survey item
[vac_trust_covid_child_f1]

Fully trust	16%
Mostly trust	24%
Somewhat trust	25%
Do not trust	33%
SKIPPED/MISSING	2%

64. How much do you trust doctors and healthcare providers to act in your best interest when treating you?
[trust_healthcare_f1]

Fully trust	30%
Mostly trust	37%
Somewhat trust	24%
Do not trust	9%
SKIPPED/MISSING	<1%

65. How much do you support or oppose **businesses** requiring proof of a COVID-19 vaccine in order to enter their business? [vac_require_business_f1]

Strongly oppose	24%
Somewhat oppose	7%
Neither support nor oppose	27%
Somewhat support	16%
Strongly support	25%
SKIPPED/MISSING	<1%

66. How much do you support or oppose **employers** requiring employees to get a COVID-19 vaccine in order to remain employed? [vac_require_employer_f1]

Strongly oppose	29%
Somewhat oppose	10%
Neither support nor oppose	21%
Somewhat support	12%
Strongly support	28%
SKIPPED/MISSING	1%

67. Do you typically get a flu vaccine **each year**? [flushot_f1]

Yes	42%
No	58%
SKIPPED/MISSING	<1%

68. How likely, if at all, are you to get the flu vaccine **this season**? [flushot_intent_f1]

I have already received a flu vaccine this year	28%
Very likely	13%
Somewhat likely	7%
Not very likely	10%
Not at all likely	41%
SKIPPED/MISSING	1%

Block 8: Research Participation

Now we are going to ask you some questions about COVID‑19 clinical trials.

A **clinical trial** is a kind of research study. Clinical trials study if treatments or vaccines are safe for people and if they work like they are supposed to.

Right now, clinical trials are being done across the U.S. to see if new treatments and vaccines for COVID-19 work to keep people healthy.

69. Have you ever enrolled in a COVID‑19 clinical trial? CEAL core survey item	Yes, I signed up for a clinical trial for a COVID‑19 <u>vaccine</u>. [trial_signup_vac_f1]	<1%
	Yes, I signed up for a clinical trial for a COVID‑19 <u>treatment</u>. [trial_signup_treat_f1]	<1%
	No, I have never signed up for a COVID‑19 clinical trial. [trial_signup_no_f1]	99%
	SKIPPED/MISSING	1%

70. If you get COVID-19, how willing would you be to sign up for a clinical trial for a COVID-19 treatment? CEAL core survey item [trial_signup_willing_f1]	1 - Not at all willing	45%
	2	2%
	3	3%
	4 - Neutral	22%
	5	7%
	6	5%
	7 - Very willing	16%
	SKIPPED/MISSING	1%

Now we will move from asking about clinical trials to asking about trust in sources of information about COVID-19.

Block 9: Information, Trust, Risk Perception

Now we will move from asking about clinical trials to asking about trust in sources of information about COVID-19.

How much do you trust each of these sources to provide correct information about COVID-19? (ORDER RANDOMIZED)
CEAL core survey items

	Not at all	A little	A great deal	Don't know	Does not apply	SKIPPED/ MISSING
71. Your doctor or health care provider [trust_doctor_f1]	7%	32%	50%	8%	2%	2%
72. Your faith leader (e.g., pastor, minister, imam, rabbi) [trust_faith_leader_f1]	19%	24%	23%	11%	23%	1%
73. Your close friends and members of your family [trust_friends_f1]	17%	40%	29%	10%	3%	2%
74. People you go to work or class with or other people you know [trust_acquaint_f1]	25%	44%	9%	12%	9%	1%
75. News on the radio, TV, online, or in newspapers [trust_news_f1]	29%	43%	17%	9%	2%	1%
76. Your contacts on social media [trust_socialmedia_f1]	43%	27%	7%	9%	12%	2%
77. The federal government [trust_usgovt_f1]	27%	36%	24%	10%	2%	2%
78. State government [trust_stategovt_f1]	29%	35%	26%	8%	1%	1%
79. Local government [trust_citygovt_f1]	30%	39%	20%	9%	2%	1%
80. Tribal leadership [trust_tribal_f1]	21%	12%	6%	14%	44%	4%
81. An organization that provides services and assistance in your community [trust_commorg_f1]	14%	40%	24%	14%	6%	2%

Block 10: Media Use

82.	From which of the following sources do you typically get news? By news we mean information about events and issues that involve more than just your friends or family. Select all that apply.	Television [media_tv_f1]	68%
		Radio [media_radio_f1]	27%
		Print publications, like newspapers and magazines [media_print_f1]	20%
		News websites or apps [media_web_f1]	41%
		Social media such as YouTube, Twitter, Facebook or Instagram [media_social_f1]	36%
		Podcasts [media_podcasts_f1]	7%
		SKIPPED/MISSING	3%

Block 11: Economic Hardship

Now we have some questions about you and your family's **financial well-being**.

83.	As of today, which of the following statements best describes how manageable your household debt is? [hhdebt_level_f1]	My household does not have any debt	21%
		My household has a manageable amount of debt	44%
		My household has a bit more debt than is manageable	22%
		My household has far more debt than is manageable	9%
		SKIPPED/MISSING	4%

In the past 12 months, have you or your household experienced any of the following events?

		Yes	No	Don't know	Does not apply	SKIPPED/ MISSING
84.	Had the water shut off [exp_water_f1]	3%	93%	2%	2%	<1%
85.	Had electricity and/or gas shut off [exp_elec_f1]	6%	91%	2%	1%	1%
86.	Had phone or internet service shut off [exp_phone_f1]	20%	78%	1%	1%	<1%
87.	Been evicted or otherwise forced to leave a living arrangement [exp_evict_f1]	5%	92%	1%	2%	<1%

88.	Experienced a foreclosure [exp_foreclose_f1]	4%	93%	1%	3%	<1%
89.	Declared bankruptcy [exp_bankrupt_f1]	3%	94%	2%	2%	<1%

90. In the **past 12 months**, how often has your household been late on monthly housing payments (mortgage or rent) or has only made a partial housing payment?
[freq_late_housing_f1]

Never	54%
1-2 times	12%
3-4 times	8%
5-6 times	4%
7 or more times	1%
My household does not make any housing payments	20%
SKIPPED/MISSING	1%

91. What portion of your household's monthly income is spent on housing payments (mortgage or rent)? [housing_incomeport_f1]

0%-30%	52%
31%-50%	19%
51%-100%	10%
Don't know	12%
SKIPPED/MISSING	6%

92. Compared to **one year ago**, is the financial situation of you and your household better, worse, or about the same?
[fin_sit_f1]

Better	22%
Worse	25%
About the same	49%
Don't know	4%
SKIPPED/MISSING	1%

Block 12: Employment

Now we are going to ask about your **employment**.

93. In the **past month**, did you do any work for either pay or profit?
[anywork_f1]

Yes	46%
No	54%
SKIPPED/MISSING	<1%

94. Current employment status:
    [empcat_f1]

Currently employed	46%
Currently unemployed	7%
Currently out of labor force	46%
SKIPPED/MISSING	1%

IF [anywork_f1] IS "Yes"

95. In your main job, do you usually work:
    [workhrs_f1]
    N=285

Full-time (35 or more hours per week)	55%
Part-time (less than 35 hours per week)	45%
SKIPPED/MISSING	1%

IF [anywork_f1] IS "No"

96. How long have you been out of work?
    [nowork_length_f1]
    N=342

Less than a month	5%
1 to 2 months	2%
3 to 5 months	5%
6 to 11 months	11%
1 to 3 years	14%
More than 3 years	56%
SKIPPED/MISSING	5%

[IF [anywork_f1] IS "No"]

97. In the **past month**, have you received
    unemployment Insurance (UI) benefits?
    [fin_pubassist_ui_month_f1]
    N=342

Yes	3%
No	93%
SKIPPED/MISSING	5%

[IF [anywork_f1] IS "No"]

Did any of the following contribute to your not working?
[ORDER RANDOMIZED, "Other" FIXED AS LAST RESPONSE OPTION]

N=342	Yes	No	Don't know	SKIPPED/ MISSING
98. I am retired [lf_nowork_retired_f1]	39%	56%	38%	1%
99. I am going to school or training [lf_nowork_student_f1]	11%	83%	5%	2%
100. I have health/medical limitations or am disabled [lf_nowork_disabled_f1]	49%	49%	1%	1%
101. I did not want to work for pay at this time [lf_nowork_choice_f1]	13%	78%	8%	2%
102. I do not work due to family/personal obligations or am a homemaker [lf_nowork_homemaker_f1]	19%	74%	5%	2%
103. I lost my job, have been laid off, or am otherwise out of work [lf_nowork_layoff_f1]	11%	84%	3%	2%
104. Other [lf_nowork_other_f1]	16%	75%	7%	2%

IF [lf_nowork_xx_f1] IS GREATER THAN OR EQUAL TO 2 "Yes" RESPONSES

105. Among the several reasons you selected for not working during the **past month**, please tell us which is the main reason for not working. [notworking_primary_f1] N=165	[IF lf_nowork_disabled_f1 IS "Yes"] I have health/medical limitations or am disabled	37%
	[IF lf_nowork_retired_f1 IS "Yes"] I am retired	26%
	[IF lf_nowork_layoff_f1 IS "Yes"] I have lost my job, been laid off, or am otherwise out of work	8%
	[IF lf_nowork_student_f1 IS "Yes"] I am going to school or training	4%
	[IF lf_nowork_homemaker_f1 IS "Yes"] I don't work due to family/personal obligations or am a homemaker	4%
	[IF lf_nowork_choice_f1 IS "Yes"] I did not want to work for pay at this time	1%

[IF lf_nowork_other_f1 IS Yes"]	
Other	6%
SKIPPED/MISSING	14%

IF [lf_notworking_primary_f1] IS NOT "I am retired" AND [lf_notworking_primary_f1] IS NOT "I have health/medical limitations or am disabled"

106. Have you actively searched for a new job in the **past month**? [jobsearch_cur_f1]
N=523

Yes	29%
No	55%
Not applicable	15%
SKIPPED/MISSING	1%

IF [lf_notworking_primary_f1] IS NOT "I am retired" AND [lf_notworking_primary_f1] IS NOT "I have health/medical limitations or am disabled" AND[anywork_f1] IS NOT "No"

107. How likely do you think it is that you will work for pay or profit in the **next month?** [notworking_return_f1]
N=236

Very likely	15%
Somewhat likely	13%
Somewhat unlikely	7%
Very unlikely	20%
Not applicable	43%
SKIPPED/MISSING	2%

Block 13: Digital Inclusion

Now we have some questions about your **use of technology**.

108. Do you have consistent access to the internet at home?
[home_internet_f1]

Yes	85%
No	13%
Don't know	2%
SKIPPED/MISSING	<1%

109. About how often do you use the internet? [internet_use_f1]

Almost constantly	52%
Several times a day	28%
About once a day	6%
Several times a week	3%
About once per week	3%
Never	6%
SKIPPED/MISSING	2%

110. How often do you need help doing the things you want to do on the internet? [internet_support_f1]

Most of the time	13%
Sometimes	18%
Rarely	27%
Never	37%
Not applicable	5%
SKIPPED/MISSING	1%

Block 14: Childcare

Now we have some questions about **childcare.**

IF [hhcat_child_f1] IS "Yes"

111. How easy or difficult has it been for you to handle child care responsibilities during the COVID-19 pandemic? [cvchildcare_f1]

    N=178

Very easy	20%
Somewhat easy	8%
Somewhat difficult	21%
Very difficult	14%
Not applicable	34%
SKIPPED/MISSING	4%

What challenges (if any) do you face when accessing childcare? (ORDER RANDOMIZED)

N=178	Major challenge	Minor challenge	Not a challenge	Does not apply	SKIPPED/ MISSING
112. Finding an opening at a childcare provider [childcare_provider_f1]	10%	11%	13%	56%	11%
113. Finding someone to watch my child at home (e.g., a babysitter) [childcare_homecare_f1]	17%	14%	19%	41%	9%
114. Finding high quality childcare [childcare_quality_f1]	14%	10%	17%	50%	9%
115. Finding affordable childcare [childcare_cost_f1]	17%	5%	21%	50%	7%
116. Finding childcare in a convenient location [childcare_location_f1]	13%	9%	20%	49%	9%
117. Finding childcare that can accommodate my work schedule [childcare_schedule_f1]	13%	8%	22%	49%	9%
118. Finding back-up childcare, or emergency childcare, or care for a sick child [childcare_emergency_f1]	18%	6%	24%	44%	9%
119. Finding care for a child with special needs [childcare_specialneeds_f1]	8%	3%	17%	63%	10%

Block 15: Demographic and Background Characteristics

In our final section, we have some questions about your background.

120. Do you speak a language other than English at home? CEAL core survey item [language_f1]	Yes [GO TO [language_spoken_f1]]	13%
	No [GO TO [reading_help_f1]	86%
	Prefer not to answer [GO TO [reading_help_f1]]	<1%
	SKIPPED/MISSING	1%

121. What is your gender?
CEAL core survey item
[gender_f1]

Man	44%
Woman	54%
Trans woman	0%
Trans man	0%
Nonbinary, genderqueer, or genderfluid	1%
I would use a different term to describe my gender	1%
I would prefer not to answer	1%
SKIPPED/MISSING	<1%

122. Which of the following best describes how you think of yourself?
CEAL core survey item
[sexuality_f1]

Gay	2%
Lesbian	1%
Straight (that is, not gay, lesbian, bisexual, or other)	81%
Bisexual	4%
Other	1%
Prefer not to answer	7%
SKIPPED/MISSING	4%

123. Are you of Hispanic, Latino, or Spanish origin, such as Mexican, Puerto Rican or Cuban?
CEAL core survey item
[hisp_f1]

Yes	5%
No	92%
Prefer not to answer	2%
SKIPPED/MISSING	1%

124. Are you of Arab, Persian, or Middle Eastern descent?
[mideastern_f1]

Yes	1%
No	96%
Prefer not to answer	2%
SKIPPED/MISSING	1%

125. Which of the following best describes your race? Please select all that apply
CEAL core survey item

White [race_white_f1]	40%
Black or African-American [race_black_f1]	54%
Asian or Asian-American [race_asian_f1]	2%
American Indian or Alaska Native [race_native_f1]	4%
Native Hawaiian or Other Pacific Islander [race_pacIsl_f1]	1%
Other [race_other_f1]	2%
Prefer not to answer [race_noanswer_f1]	5%
SKIPPED/MISSING	6%

126. What is the highest degree or level of school you have completed?
CEAL core survey item
[educ_f1]

No formal education	<1%
Some education but did not graduate from high school or receive a GED	14%
High school diploma or GED	36%
Some college, no degree	30%
Associate's degree (for example, AA or AS)	9%
Bachelor's degree (for example BA, BS, or AB)	7%
Graduate degree (e.g., Master's degree or doctorate)	5%
SKIPPED/MISSING	1%

127. What is your marital status?
[marital_f1]

Now married	29%
Widowed	4%
Divorced	14%
Separated	3%

Never married	46%
SKIPPED/MISSING	3%

IF [marital_f1] IS NOT "Now Married"

128. Are you currently living with a romantic partner?
[cohab_f1]
N=486

Yes	23%
No	74%
SKIPPED/MISSING	3%

The next questions are about the total income of your household for the past 12 months. Please include your income plus the income of all members living in your household (including cohabitating partners and armed forces members living at home). Please count income before taxes and from all sources (such as wages, salaries, tips, net income from a business, interest, dividends, child support, alimony, and social security, public assistance, pensions, or retirement benefits).

129. Was your total HOUSEHOLD income in the past 12 months . . .
[income_1_f1]

Below $35,000	55%
$35,000 or more	40%
SKIPPED/MISSING	6%

130. We would like to get a better estimate of your total HOUSEHOLD income in the past 12 months before taxes. Was it…
[income_f1]

Less than $5,000	20%
$5,001 to $7,499	5%
$7,500 to $9,999	8%
$10,000 to $12,499	11%
$12,500 to $14,999	5%
$15,000 to $19,999	8%
$20,000 to $24,999	11%
$25,000 to $29,999	12%
$30,000 to $34,999	16%
$35,000 to $39,999	12%
$40,000 to $49,999	20%

$50,000 to $59,999	20%
$60,000 to $74,999	16%
$75,000 to $84,999	11%
$85,000 to $94,999	3%
$95,000 to $99,999	1%
$100,000 to $124,999	11%
$125,000 to $149,999	2%
$150,000 to $174,999	<1%
$175,000 or more	5%
SKIPPED/MISSING	4%

131. Generally speaking, do you usually think of yourself as a Republican, a Democrat, an Independent, or what? [pid_f1]

Republican	8%
Democrat	43%
Independent	11%
Other party	3%
No preference	17%
Prefer not to answer	18%
SKIPPED/MISSING	1%

IF [pid_f1] IS "Republican"

132. Would you call yourself a strong Republican or a not very strong Republican? [pid_strength_r_f1] N=35

Strong	43%
Not very strong	34%
Prefer not to answer	23%
SKIPPED/MISSING	0%

IF [pid_f1] IS "Democrat"

133. Would you call yourself a strong Democrat or a not very strong Democrat? [pid_strength_d_f1] N=300	Strong	72%
	Not very strong	22%
	Prefer not to answer	5%
	SKIPPED/MISSING	1%

IF [pid_f1] IS "Independent" OR "Other party" OR "No preference"

134. Do you think of yourself as closer to the Republican Party or to the Democratic Party? [pid_leaning_f1] N=188	Closer to Republican	8%
	Closer to Democratic	22%
	Neither	63%
	Prefer not to answer	7%
	SKIPPED/MISSING	<1%

Block 16: Survey Closing

135. I completed this survey… [surv_mode_f1]	On a computer (laptop or desktop)	31%
	On a mobile device (e.g., cell phone or tablet)	43%
	On the phone with a MIMACS interviewer	23%
	Other	1%
	SKIPPED/MISSING	2%

****

For additional information about the Michigan Metro Area Communities Study (MIMACS), this survey instrument, or survey findings, please see detroitsurvey.umich.edu or contact: DMACS-info@umich.edu.

This survey wave was undertaken as part of a collaborative data collection effort across 22 states through the NIH Community Engagement Alliance (CEAL) Against COVID-19 Disparities. Questions common to survey instruments across this collaborative are indicated as CEAL core survey items.