DMACS Wave 10 Toplines • July 15-29, 2020
COVID-19 Survey #4

The Detroit Metro Area Communities Study (DMACS) is a panel survey of Detroit residents launched in 2016. The original panel of respondents was drawn from an address-based probability sample of all occupied Detroit households. In subsequent years, the panel has been refreshed through additional address-based sampling. DMACS surveys are usually administered online or telephone assisted, with multiple recruitment modes (mail, email, text, phone, door-to-door).

In March 2020, DMACS initiated a series of rapid response surveys about Detroiters' experiences with COVID-19. Due to restrictions on face-to-face human subjects interactions during the pandemic, we limited our outreach to a subset of our panelists for whom we previously obtained email addresses and/or phone numbers as contact information. We invited 1,772 DMACS panelists to participate in the survey and 1,089 surveys were completed, for a response rate of 63% (using AAPOR Response Rate 1). Surveys were self-administered online and interviewer-administered by telephone between July 15 and July 29, 2020.

The below results reflect weighted responses. Survey weights were constructed by calibrating the sample to the population of the city of Detroit based on auxiliary data from the U.S. Census Bureau's 2018 American Community Survey (ACS). We used a raking estimator to calibrate the weights so that they would match ACS totals on gender, age, race, education and income. The margin of sampling error for a random sample survey of this size would be +/- 4.4 percentage points at the 95% confidence level; the actual margin of sampling error varies by statistic due in part to the complex sample design.

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

Gender	Male	44%
	Female	56%

Age	<35	32%
	35-54	31%
	55-64	17%
	65+	20%

Race/Ethnicity	Non-Hispanic White Alone	11%
	Non-Hispanic Black Alone	76%
	Non-Hispanic Other (including multirace)	5%
	Hispanic	8%

Highest level of school completed	High school or less	49%
	Some college/ Associates degree	33%
	College +	18%

Household income	<$10,000	19%
	$10,000-$29,999	23%
	$30,000-$49,999	24%
	$50,000-$99,999	25%
	$100,000+	9%

Survey Results

1. How serious a problem would you say the COVID-19 pandemic is right now…

	Very serious	Somewhat serious	Not too serious	Not at all serious	Don't know	Skipped/ Missing
For you personally [serious_personal_d10]	72%	19%	5%	2%	1%	<1%
For people in your community [serious_community_d10]	69%	22%	5%	1%	1%	2%

2. Whether you personally do these things or not, how safe or unsafe do you think the following actions are right now? (ORDER RANDOMIZED)

	Very unsafe	Somewhat unsafe	Somewhat safe	Very safe	Don't know	Skipped/ Missing
Grocery shopping [safe_shop_d10]	10%	34%	47%	8%	1%	<1%
Attending gatherings of more than 10 people [safe_gather_d10]	53%	29%	14%	1%	1%	1%
Going to the hospital or doctor [safe_health_d10]	20%	34%	36%	8%	3%	<1%
Dining in at restaurants [safe_restaur_d10]	43%	33%	19%	2%	3%	1%
Eating take-out meals from restaurants [safe_takeout_d10]	15%	26%	44%	11%	4%	1%
Handling packages that have been delivered [safe_deliver_d10]	7%	34%	44%	11%	3%	<1%

Visiting with relatives or friends in their home [safe_visit_out_d10]	20%	38%	33%	6%	2%	1%
Playing on playground equipment [safe_play_d10]	44%	33%	15%	3%	5%	<1%
Going outside to walk, hike, or exercise [safe_walk_d10]	7%	15%	45%	31%	3%	<1%

3. In the **past seven days**, how frequently have you worn a mask while doing activities outside of your home, including walking or exercising, grocery shopping, going to the doctor, visiting with neighbors, or other activities?
[mask_wearing_d10]

All of the time	65%
Very frequently	23%
Somewhat frequently	7%
Not very frequently	2%
Never	1%
N/A (I have not left my home in seven days)	2%
Skipped/Missing	1%

4. The COVID-19 pandemic may cause challenges for some people regardless of whether they are actually infected. In the **past month** have you experienced any challenges with the following things? (ORDER RANDOMIZED)

	No, this is not a challenge	Yes, this is a minor challenge	Yes, this is a major challenge	Skipped/ Missing
Getting the health care I need (including for mental health) [challenge_health_d10]	62%	27%	9%	1%
Having a place to live [challenge_house_d10]	87%	9%	4%	1%
Being able to interact with other people [challenge_interact_d10]	36%	43%	20%	1%
Getting food, water, and other household supplies [challenge_supplies_d10]	63%	30%	7%	<1%
Getting medication [challenge_meds_d10]	77%	16%	6%	<1%
Having transportation to get where I need to go [challenge_transpo_d10]	75%	14%	10%	1%
Caring for my family and friends [challenge_family_d10]	55%	32%	12%	1%

5. In the **past month**, has your spending on any of the following changed?
(ORDER RANDOMIZED, FORCE OVERALL TO APPEAR FIRST)

	Spending More	Spending Less	No Change	Don't Know	N/A	Skipped/ Missing
Overall [fin_spchng_overall_d10]	37%	36%	22%	3%	1%	1%
Groceries [fin_spchng_groceries_d10]	56%	13%	28%	2%	1%	1%
Restaurant food / take out [fin_spchng_restaurant_d10]	31%	40%	24%	1%	3%	1%
Utilities [fin_spchng_utilities_d10]	44%	9%	42%	3%	1%	1%
Cleaning supplies (including personal protective equipment or PPE) [fin_spchng_cleaning_d10]	63%	8%	27%	1%	1%	1%
Entertainment [fin_spchng_entertain_d10]	15%	49%	27%	1%	7%	1%
Travel [fin_spchng_travel_d10]	8%	48%	24%	2%	17%	1%
Gas [fin_spchng_gas_d10]	23%	48%	21%	1%	7%	1%
Charitable giving [fin_spchng_giving_d10]	11%	22%	49%	3%	14%	1%

6. In the **past month**, have you received any of the following forms of public assistance or charity? (Select all that apply) (ORDER RANDOMIZED)

SNAP, Food Assistance Program, Food Stamps [fin_pubassist_snap_d10]	31%
Unemployment Insurance (UI) benefits [fin_pubassist_ui_d10]	21%
TANF (Temporary Assistance for Needy Families)/Family Independence Program [fin_pubassist_tanf_d10]	2%
Social Security [fin_pubassist_socsecur_d10]	19%
Supplemental Security Income (SSI) or Supplemental Security Disability Income (SSDI) [fin_pubassist_ssi_d10]	15%
Assistance from a church or religious organization, community organization, labor union, or other organization [fin_pubassist_org_d10]	8%

Food from a food bank or food pantry [fin_pubassist_food_d10]	21%
Emergency cash assistance (State Emergency Relief) [fin_pubassist_cash_d10]	4%
School lunch program pickup or delivery [fin_pubassist_schoollunch_d10]	8%
Rental/mortgage assistance program [fin_pubassist_rent_d10]	2%
Other public assistance (textbox) [fin_pubassist_other_d10]	2%
None of the above (lLAST OPTION) [fin_pubassist_none_d10]	30%
Skipped/Missing	2%

7. Have you applied for unemployment benefits in the **past month**? [unemp_bens_d10]	Yes, I applied and I have received unemployment benefits	21%
	Yes, I applied but I have not yet received unemployment benefits	4%
	Yes, I applied and I was told I do not qualify for unemployment benefits	2%
	No, I have not applied	71%
	Skipped/Missing	1%

8. Which of these statements best describes the food eaten in your household in the **past seven days**? (select one) [now_enoughfood_d10]	Enough of the kinds of food (I/we) wanted to eat	58%
	Enough, but not always the kinds of food (I/we) wanted to eat	31%
	Sometimes not enough to eat	8%
	Often not enough to eat	1%
	Skipped/Missing	2%

[IF now_enoughfood_d10 IS "Enough, but not always the kinds of food (I/we) wanted to eat ", OR "Sometimes not enough to eat", OR "Often not enough to eat"]

9. Why did you not have enough to eat (or not have what you wanted to eat) in the past seven days?
   N=456

	Yes	No	Don't know	Skipped/ Missing
Couldn't afford to buy more food [enoughfood_cost_d10]	42%	44%	11%	3%
Couldn't get out to buy food (for example, didn't have transportation, or had mobility or health problems that prevented you from getting out) [enoughfood_unable_d10]	36%	54%	7%	3%
Afraid to go or didn't want to go out to buy food [enoughfood_fear_d10]	39%	53%	6%	2%
Couldn't get groceries or meals delivered to me [enoughfood_delivery_d10]	16%	72%	9%	3%
The stores didn't have the food I wanted [enoughfood_stock_d10]	46%	45%	8%	2%

10. How confident are you that your household will be able to afford the kinds of food you need for the **next month**? (select one) [food_conf_d10]

Not at all confident	9%
Somewhat confident	40%
Very confident	49%
Skipped/Missing	2%

11. **In the past month**, how have you and your household handled the following household bills or expenses?

	Paid on time	Made a late or reduced payment	Did not pay	N/A	Skipped/ Missing
Mortgage or rent [bills_housing_d10]	58%	16%	4%	22%	1%
Loans (eg student loans, car loan) [bills_loan_d10]	33%	9%	10%	47%	1%
Credit card [bills_credit_d10]	50%	10%	5%	34%	1%
Utility or water bill [bills_utility_d10]	67%	21%	4%	7%	2%
Phone/ internet/ cable [bills_phone_d10]	72%	19%	2%	4%	2%

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

	Yes	No	Don't know	N/A	Skipped/ Missing
Having the water shut off [exp_water_d10]	2%	91%	1%	5%	<1%
[IF exp_water_d10 IS "Yes"] If yes, has this happened since the pandemic began (around March 1)? N=28 [exp_water_pand_d10]	50%	49%	0%	1%	0%
Having electricity and/or gas shut off [exp_elec_d10]	4%	90%	1%	4%	1%
[IF exp_elec_d10 IS "Yes"] If yes, has this happened since the pandemic began (around March 1)? N = 48 [exp_elec_pand_d10]	54%	46%	0%	0%	0%
Having phone or internet service shut off [exp_phone_d10]	11%	84%	1%	4%	1%
[IF exp_phone_d10 IS "Yes"] If yes, has this happened since the pandemic began (around March 1)? N = 139 [exp_phone_pand_d10]	73%	26%	<1%	<1%	<1%
Being evicted or otherwise forced to leave a living arrangement [exp_evict_d10]	2%	90%	2%	6%	<1%
[IF exp_evict_d10 IS "Yes"] If yes, has this happened since the pandemic began (around March 1)? N=20 [exp_evict_pand_d10]	70%	27%	0%	3%	0%
Experiencing a foreclosure [exp_foreclose_d10]	2%	89%	2%	6%	<1%
[IF exp_foreclose_d10 IS "Yes"] If yes, has this happened since the pandemic began (around March 1)? N=26 [exp_foreclose_pand_d10]	79%	12%	9%	1%	0%
Declaring bankruptcy [exp_bankrupt_d10]	2%	91%	2%	5%	<1%
[IF exp_bankrupt_d10 IS "Yes"] If yes, has this happened since the pandemic began (around March 1)? N=20 [exp_bankrupt_pand_d10]	48%	51%	0%	1%	0%

13. How concerned are you that you will face the following hardships in the **next few months**?

	Very concerned	Somewhat concerned	Not at all concerned	N/A	Skipped/Missing
Having my water shut off [hardship_water_d10]	7%	15%	67%	11%	<1%
Having my electricity and/or gas shut off [hardship_elec_d10]	9%	17%	67%	6%	1%
Being evicted [hardship_evic_d10]	6%	13%	71%	10%	1%
Facing foreclosure [hardship_foreclose_d10]	3%	6%	70%	20%	1%
Declaring bankruptcy [hardship_bankrupt_d10]	4%	8%	72%	16%	1%
Losing my phone or internet service [hardship_phone_d10]	6%	16%	71%	6%	2%

14. Do you or anyone else in your household have a checking or savings account now? [banked_d10]

Yes	71%
No	20%
Don't know	5%
Skipped/Missing	5%

Now we are going to ask about your employment.

15. In the **past month**, did you do any work for either pay or profit? [anywork_d10]

Yes	41%
No	59%
Skipped/Missing	<1%

16. Current employment status: [empcat_d10]

Currently employed	41%
Currently unemployed	22%
Currently out of labor force	38%
SKIPPED/MISSING	<1%

[IF anywork_d10 IS "No"]
Now we would like to ask some questions about why you did not work during the past month.

17. Did any of the following contribute to your not working in the past month?

N=652

	Yes	No	Don't know	Skipped/ Missing
I am retired [lf_nowork_retired_d10]	32%	60%	3%	6%
I am going to school or training [lf_nowork_student_d10]	9%	81%	2%	9%
I have health/medical limitations or am disabled [lf_nowork_disabled_d10]	33%	59%	3%	5%
I did not want to work for pay at this time [lf_nowork_choice_d10]	15%	66%	10%	10%
I am a homemaker or don't work due to family/personal obligations [lf_nowork_homemaker_d10]	16%	66%	8%	10%
I have lost my job, been laid off, or am otherwise out of work [lf_nowork_layoff_d10]	25%	60%	5%	10%
Other reason, please specify _____ [lf_nowork_other_d10]	6%	83%	8%	4%

[IF lf_nowork_layoff_d10 IS "Yes" OR notworking_other_d10 IS "Yes"]

18. Did any of the following contribute to your job loss/lay off/ unemployment?
N=201

	Yes	No	Don't know	Skipped/M issing
I am sick with COVID-19 symptoms [notworking_covidself_d10]	5%	91%	2%	2%
I am caring for someone with COVID-19 symptoms [notworking_covidother_d10]	8%	89%	<1%	2%
I am/was laid off due to the COVID-19 pandemic [notworking_layoff_d10]	61%	35%	1%	3%
I was furloughed or temporarily laid off due to a reduction in business [notworking_furlough_d10]	30%	62%	5%	4%
My place of employment closed temporarily due to the COVID-19 pandemic [notworking_tempclosed_d10]	55%	42%	1%	3%

My place of employment went out of business due to the COVID-19 pandemic [notworking_closedperm_d10]	9%	82%	6%	4%
I could not work because my job was seasonal [notworking_seasonal_d10]	3%	88%	6%	3%
I stopped working due to family/personal obligations resulting from the pandemic (e.g., childcare) [notworking_famcare_d10]	21%	75%	<1%	3%

[THE FOLLOWING QUESTION PRESENTS THE SUBSET OF OPTIONS SELECTED IN THE PREVIOUS QUESTION]

19. Among the several reasons you selected for not working during the **past month**, please tell us which is the <u>main</u> reason for not working. [notworking_primary_d10] N =326	[IF lf_nowork_disabled_d10 IS Yes"] I have health/medical limitations or am disabled	24%
	[IF lf_nowork_retired_d10 IS Yes"] I am retired	23%
	[IF lf_nowork_layoff_d10 IS Yes"] I have lost my job, been laid off, or am otherwise out of work	11%
	[IF lf_nowork_student_d10 IS Yes"] I am going to school or training	5%
	[IF lf_nowork_homemaker_d10 IS Yes"] I am a homemaker or don't work due to family/personal obligations	4%
	[IF llf_nowork_choice_d10 IS Yes"] I did not want to work for pay at this time	3%
	[IF notworking_other_d10 IS Yes"] Other reason, please specify	2%
	Skipped	29%

[IF anywork_d10 IS "Yes" AND lf_nowork_retired_d10 IS "Yes" OR lf_nowork_disabled_d10 IS "Yes"]

20. Do you expect you'll be looking for work **i**n the **next month**?
[lookforwork_d10]
N = 441

Yes	39%
No	57%
Skipped/Missing	4%

[IF anywork_d10 IS "Yes" AND lf_nowork_retired_d10 IS NOT "Yes" OR lf_nowork_disabled_d10 IS NOT "Yes"]

21. How likely do you think it is that you will return to work in the **next three months?**
[notworking_return_d10]
N=296

Very likely	30%
Somewhat likely	33%
Somewhat unlikely	9%
Very unlikely	16%
Not applicable	12%
Skipped/Missing	1%

[IF anywork_d10 IS "Yes"]

22. In your main job, do you usually work:
[workhrs_d10]
N=435

Full-time (35 or more hours per week)	73%
Part-time (less than 35 hours per week)	25%
Skipped/Missing	2%

[IF anywork_d10 IS "Yes"]

23. Have your work hours been reduced since March 1, 2020?
[workless_d10]
N = 435

Yes	37%
No	61%
Don't know	2%
SKIPPED/MISSING	<1%

[IF anywork_d10 IS "Yes"]

24. Which of the following statements best explains where you are working now?
[workplace_d10]
N= 435

I am working outside my home most or all of the time	58%
I am working from home most or all of the time	32%
I split my time between working from home and working outside my home	5%
Other _____	5%
Skipped/Missing	0%

25. On a scale of 0 to 100 percent, what is the percent chance you will run out of money because of the COVID-19 pandemic within the next three months? [fincushion_decile_d10]

Mean = 3.69

St Error = 0.15

0%	28%
10%	10%
20%	6%
30%	4%
40%	4%
50%	13%
60%	4%
70%	4%
80%	3%
90%	4%
100%	7%
Don't know	13%
SKIPPED/MISSING	<1%

26. Suppose that you have an emergency expense that costs $400. **Based on your current financial situation**, how would you pay for this expense? If you would use more than one method to cover this expense, please select all that apply.

[ORDER RANDOMIZED)	Yes	No	SKIPPED/ MISSING
a. Put it on my credit card and pay it off in full at the next statement [emergexpense_creditonce_d10]	25%	70%	5%
b. Put it on my credit card and pay it off over time [emergexpense_creditextend_d10]	32%	63%	5%
c. With the money currently in my checking/savings account or with cash [emergexpense_cash_d10]	58%	37%	5%
d. Using money from a bank loan or line of credit [emergexpense_bankloan_d10]	16%	78%	6%
e. By borrowing from a friend or family member [emergexpense_borrow_d10]	34%	60%	5%
f. Using a payday loan, deposit advance, or overdraft [emergexpense_payday_d10]	13%	80%	7%
g. By selling something [emergexpense_sell_d10]	28%	66%	6%
h. I wouldn't be able to pay for the expense right now [emergexpense_unable_d10]	30%	63%	7%
i. Other _____ [emergexpense_other_d10]	5%	55%	40%

27. How much opportunity do you think there is in the City of Detroit today for the average person to get ahead economically?
[opp_get_ahead_d10]

A great deal	7%
A lot	5%
A moderate amount	30%
A little	34%
Not at all	14%
Don't know	10%
Skipped/Missing	<1%

28. Which of the following best describes how you currently see yourself financially?
[fin_secure_d10]

Very financially secure	7%
Somewhat financially secure	29%
Not secure but not currently in financial trouble	38%
In some financial trouble	14%
In deep financial trouble	6%
Don't know	5%
Skipped/Missing	1%

29. In the past 12 months have you done any of the following? Please select "Yes" or "No" for each item.

	Yes	No	Don't know	SKIPPED/ MISSING
Contacted a government official to express your opinion on a political issue [activism_contact_d10]	16%	79%	5%	<1%
Taken part in a protest, march, or demonstration about a social or political issue [activism_protest_d10]	13%	84%	3%	1%
Talked with others in your community or neighborhood about dealing with a community issue or problem [activism_talk_d10]	46%	51%	2%	1%
Shared information via social media about a community or political issue or problem [activism_socialmed_d10]	39%	57%	3%	1%
Worked on a community project [activism_project_d10]	10%	87%	2%	1%

Volunteered for a political campaign or community organization, church, or school [activism_volunteer_d10]	12%	86%	2%	1%
Contributed money to a charitable organization or cause [activism_contribute_d10]	25%	71%	2%	2%

[IF activism_protest_d10 IS "Yes"]

30. How worried, if at all, are you that you may have exposed yourself to coronavirus when you attended a political rally, protest, or demonstration?
[protest_worried_d10]
N = 157

Very worried	23%
Somewhat worried	37%
Not too worried	26%
Not at all worried	13%
Skipped/Missing	0%

31. Have any of your friends or family members become ill with, or suspect they are ill with, COVID-19?
[covid_famill_d10]

Yes	56%
No	36%
Don't know	8%
Skipped/Missing	<1%

32. Have any of your friends or family members died from COVID-19?
[covid_famdie_d10]

Yes	37%
No	58%
Don't know	6%
Skipped/MIssing	<1%

Now we have some questions about your health and your experiences with COVID-19.

33. Have you been exposed to someone with COVID-19?
[covid_expose_d10]

Yes	15%
No	58%
Don't know	27%
Skipped/Missing	<1%

34. Whether or not you have been tested for COVID-19, has a doctor or another health care provider diagnosed you as having or probably having COVID-19?
[covid_diag_d10]

Yes	5%
No	94%
Don't know	0%
Skipped/Missing	<1%

35. Whether or not you have been tested or diagnosed, have you sought medical care for COVID-19?
[covid_care_d10]

Yes	9%
No	90%
Skipped/Missing	1%

36. Have you been tested for COVID-19?
[covid_test_d10]

Yes	29%
No	70%
Skipped/Missing	1%

[IF covid_test_d10 IS "Yes"]

37. What kind of test did you get?
N=330

	Yes	No	Don't know	Skipped/ Missing
I got a viral test (e.g. nasal swab, saliva/spit sample) that tells me whether I currently have an infection [covid_test_viral_d10]	90%	8%	<1%	2%
I got an antibody test (e.g. blood test) that tells me whether I had a past infection [covid_test_antibody_d10]	27%	69%	2%	3%

[IF covid_test_viral_d10 IS "Yes"]

38. Have you ever tested positive for COVID-19 on a **viral test** (e.g., nasal swab, saliva/spit sample)?
[viral_result_d10]
N=296

I tested positive (I have/had COVID-19)	7%
I tested negative (I do not/did not have COVID-19)	86%
I do not know the result	6%
Skipped/Missing	1%

[IF covid_test_antibody_d10 IS "Yes"]

39. Have you ever tested positive for the presence of COVID-19 antibodies on an **antibody test** (eg blood test)?
[antibody_result_d10]
N=83

I tested positive (I have been exposed to COVID-19 and have the antibodies)	22%
I tested negative (I do not have the COVID-19 antibodies)	70%
I do not know the result	2%
Skipped/Missing	7%

[IF covid_test_viral_d10 AND covid_test_antibody_d10 ARE "Don't know"]

40. What was the result of your test?
[test_type_unknown_result_d10]
N=9

I tested positive	0%
I tested negative	10%
I do not know the result	0%
Skipped/Missing	90%

[IF covid_test_d10 IS "No"]

41. Why have you not been tested? Please select all that apply.
N=759

I feel I have no reason to be tested [covid_notest_noneed_d10]	69%
I cannot get a referral from a doctor or another health care provider [covid_notest_referral_d10]	3%
I am afraid to get tested [covid_notest_fear_d10]	15%
I don't want others to know if I have/had COVID-19 [covid_notest_privacy_d10]	1%
I am pretty sure I have already had COVID-19 and do not need a test to confirm this [covid_notest_hadcovid_d10]	8%
I don't want to be around other people who may be infected [covid_notest_expos_d10]	23%
I don't know where to go to get tested [covid_notest_locat_d10]	7%
Other [covid_test_other_d10]	9%
Skipped/Missing	<1%

[IF covid_test_d10 IS "Yes"]

42. Why did you get tested?
N=326

A doctor or healthcare professional told me to get tested [covid_test_yes_doctor_d10]	34%
I had symptoms of COVID-19 [covid_test_yes_sympt_d10]	22%
I wanted or needed to know if it is safe to work outside my home [covid_test_yes_work_d10]	34%
I think I was near/around someone who was infected [covid_test_yes_expose_d10]	35%
I do not want to spread the virus to other people [covid_test_yes_contain_d10]	53%
Other [covid_test_yes_other_d10]	25%
Skipped/Missing	4%

43. Regardless of whether or not you have been tested or diagnosed for COVID-19, on a scale of 0 to 100 percent, what is the chance that you will get COVID-19 in the next three months? If you're not sure, please give your best guess.

[contraction_d10]

Mean = 2.56

Std Error = 0.16

0%	23%
10%	16%
20%	10%
30%	8%
40%	3%
50%	15%
60%	2%
70%	3%
80%	1%
90%	<1%
100%	2%
Don't know	15%
SKIPPED/MISSING	1%

44. Have you changed how you access/seek medical or dental care due to the COVID-19 pandemic?
[covid_medchange_d10]

Yes, I've delayed getting treatment for an ongoing condition or ailment	23%
Yes, I've delayed getting treatment for a new condition or ailment	9%
No, I've received treatment for an ongoing condition or ailment	22%
No, I've received treatment for a new condition or ailment	4%
Not applicable	40%
Skipped/Missing	1%

45. Are you covered by any kind of health insurance or some other kind of health care plan? This includes health insurance obtained through employment or purchased directly as well as government programs like Medicare and Medicaid that provide medical care or help pay medical bills.
[insurance_d10]

Yes	88%
No	7%
Don't know	4%
SKIPPED/MISSING	1%

Many public health officials have emphasized the importance of contact tracing during the pandemic. The idea is that when people become infected with the coronavirus (the virus that causes COVID-19), it is important to trace and monitor contacts they have had with other people and alert these people that they have been exposed to the virus. [HALF OF THE RESPONDENTS SAW THIS PREAMBLE (trace_preamble_d10), OTHER HALF DID NOT (trace_nopreamble_d10)

46a. Do you think people who own cell phones should be required to download and use an app that tracks who they come into close contact with and provides that information to public health officials to track the spread of the coronavirus (COVID-19)?
[trace_preamble_d10]
N= 564

Yes	43%
No	38%
Don't know	18%
Skipped/Missing	0%

46b. Do you think people who own cell phones should be required to download and use an app that tracks who they come into close contact with and provides that information to public health officials to track the spread of the coronavirus (COVID-19)?
[trace_nopreamble_d10]
N= 525

Yes	43%
No	35%
Don't know	21%
Skipped/Missing	1%

46c. Do you think people who own cell phones should be required to download and use an app that tracks who they come into close contact with and provides that information to public health officials to track the spread of the coronavirus (COVID-19)?
[trace_pooled_d10]

Yes	43%
No	37%
Don't know	20%
Skipped/Missing	<1%

47. Do you think that people who test positive for COVID-19 and own cell phones should be required to download and use an app that tracks who they come into close contact with and provides that information to public health officials to track the spread of the coronavirus (COVID-19)?
[trace_positive_d10]

Yes	52%
No	27%
Don't know	20%
Skipped/Missing	1%

48. Would you be willing to download an app on your cell phone that would provide information to public health officials about close contact you have with other people? [trace_self_d10]

Yes	45%
No	31%
Don't know	22%
I do not own a cell phone	1%
Skipped/Missing	1%

49. Have you ever kept information from any health care provider because you were concerned about the privacy or security of that information? [health_privacy_d10]

Yes	12%
No	84%
Don't know	3%
Skipped/Missing	1%

50. Now we would like to ask a standard set of questions asked by health professionals to assess your mental wellbeing. In the **past 7 days**, how often have you...
(ORDER RANDOMIZED)

	Less than 1 day	1 to 2 days	3 to 4 days	5 to 7 days	Skipped/ Missing
...felt nervous, anxious, or on edge? [mh_anxiety_d10]	52%	22%	15%	10%	2%
...not been able to stop or control worrying? [mh_worry_d10]	56%	21%	10%	10%	3%
...felt depressed? [mh_depress_d10]	56%	23%	11%	6%	3%

51. Thinking about restrictions on public activities in your community, which of the following statements best captures your views? (ORDER RANDOMIZED) [open_tradeoff_d10]

Restrictions are being lifted too soon	65%
Restrictions are being lifted at about the right time	19%
Restrictions are being lifted not soon enough	6%
Skipped/Missing	11%

52. Please tell us how strongly you agree or disagree with the following statements.

	Strongly disagree	Somewhat disagree	Neither agree nor disagree	Somewhat agree	Strongly agree	Skipped/ Missing
Overall, I think vaccines are important. [vac_overall_imp_d10]	11%	9%	16%	18%	46%	1%
Overall, I think vaccines are safe. [vac_overall_safe_d10]	9%	13%	21%	26%	30%	2%
Overall, I think vaccines are effective. [vac_overall_effective_d10]	7%	11%	18%	29%	33%	3%
I intend to get a COVID-19 vaccine as soon as it is available. [vac_covid_d10]	24%	10%	25%	13%	26%	2%

[EACH RESPONDENT WAS RANDOMLY ASSIGNED ONE OF THE FOLLOWING FOUR QUESTIONS]

53a. A vaccine is currently not available for the coronavirus. For this next question, imagine that a new coronavirus vaccine has just been developed and approved, and it is available for free. **Would you get a coronavirus vaccine that is 95% effective, with a 5% chance of a side effect like fever?**

95% effective means that there is a 95% reduction in disease among those vaccinated compared to those unvaccinated. [covidvac_v1_d10]
N = 279

Yes	64%
No	35%
Skipped/Missing	1%

53b. A vaccine is currently not available for the coronavirus. For this next question, imagine that a new coronavirus vaccine has just been developed and approved, and it is available for free. **Would you get a coronavirus vaccine that is 50% effective, with a 5% chance of a side effect like fever?**

50% effective means that there is a 50% reduction in disease among those vaccinated compared to those unvaccinated.
[covidvac_v2_d10]
N = 278

Yes	42%
No	57%
Skipped/Missing	1%

53c. A vaccine is currently not available for the coronavirus. For this next question, imagine that a new coronavirus vaccine has just been developed and approved, and it is available for free. **Would you get a coronavirus vaccine that is 95% effective, with a 20% chance of a side effect like fever?**

95% effective means that there is a 95% reduction in disease among those vaccinated compared to those unvaccinated.
[covidvac_v3_d10]
N= 258

Yes	61%
No	37%
Skipped/Missing	2%

53d. A vaccine is currently not available for the coronavirus. For this next question, imagine that a new coronavirus vaccine has just been developed and approved, and it is available for free. **Would you get a coronavirus vaccine that is 50% effective, with a 20% chance of a side effect like fever?**

50% effective means that there is a 50% reduction in disease among those vaccinated compared to those unvaccinated.
[covidvac_v4_d10]
N= 278

Yes	39%
No	60%
Skipped/Missing	1%

Next we have some questions about recent events concerning police behavior and racial justice. **Please remember that your responses are completely confidential.**

54. Please tell us how strongly you agree or disagree with the following statements.

	Strongly disagree	Somewhat disagree	Neither agree nor disagree	Somewhat agree	Strongly agree	Don't know	Skipped/ Missing
I think the local police are doing a good job of protecting me and my neighborhood [police_protect_d10]	16%	15%	16%	31%	19%	4%	1%
The police in my neighborhood can be trusted [police_trust_d10]	13%	14%	24%	28%	16%	4%	2%

55. Do you think recent killings of African Americans by police are isolated incidents or are they part of a broader pattern of how police treat African Americans?
[police_killings_d10]

Isolated incidents	8%
Part of a broader pattern	61%
Don't know	17%
Skipped/Missing	14%

56. In general, do you think the police in and around Detroit are more likely to use deadly force against a Black person, or are more likely to use it against a white person, or do you think race does not affect police use of deadly force?
[police_force_d10]

More likely to use deadly force against a Black person	57%
More likely to use deadly force against a white person	1%
Race does not affect the use of deadly force	21%
Don't know	20%
Skipped/Missing	1%

57. Which of the following things have happened to you, another member of your family, or someone you know in the **past 12 months**?

	Happened to me	Happened to a family member	Happened to someone I know	Hasn't happened to me or anyone I know	Skipped/ Missing
Being a victim of a violent crime	4% [exp_crimevictim _self_d10]	8% [exp_crimevictim _family_d10]	24% [exp_crimevictim_ acquaint_d10]	67% [exp_crimevictim_ none_d10]	1%
Having contact with the police	15% [exp_polcontacts elf_d10]	11% [exp_polcontact_f amily_d10]	21% [exp_polcontact_ acquaint_d10]	50% [exp_polcontact_ none_d10]	13%
Having excessive force used against someone by the police	2% [exp_exforce_self _d10]	5% [exp_exforce_fam ily_d10]	13% [exp_exforce_acq uaint_d10]	68% [exp_exforce_non e_d10]	15%

58. Do you think race relations *in the United States* are . . .
[rrelate_usa_d10]

Very good	3%
Somewhat good	7%
Neither good nor bad	11%
Somewhat bad	28%
Very bad	44%
Don't know	8%
Skipped/Missing	<1%

59. Do you think race relations *in your neighborhood* are…
[rrelate_nb_d10]

Very good	14%
Somewhat good	33%
Neither good nor bad	24%
Somewhat bad	14%
Very bad	6%
Don't know	10%
Skipped/Missing	1%

60. Do you have reliable access to the Internet in your home?
[internet_d10]

Yes	86%
No	12%
Don't know	2%
Skipped/Missing	1%

61. Are there currently children under 18 staying in your household?
[hh_kids_d10]

Yes	61%
No	37%
Skipped/Missing	1%

62. Does anyone else live in your household?
[hh_others_d10]

Yes	57%
No	42%
Skipped/Missing	1%

63. Household composition
[hhcomp_cat5]

Lives alone	28%
Lives with partner without kids	15%
Lives with partner with kid(s)	10%
Other arrangement with kid(s)	28%
Other arrangement	20%
SKIPPED/MISSING	0%

64. I completed this survey…
[surv_mode_d10]

On a computer (laptop or desktop)	12%
On a mobile device (e.g., cell phone or tablet)	77%
On the phone with a DMACS interviewer	9%
Other ____	<1%
SKIPPED/MISSING	2%