DMACS Wave 21 Toplines ● January 13 - March 3, 2025

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. We invited 3,112 previously-enrolled panelists to participate in this survey wave. Surveys were self-administered online or interviewer-administered via telephone between January 13, 2025 and March 3, 2025. We report results for the 2,270 Detroit residents who completed the survey. We obtained an overall response rate of 73.7% (using AAPOR Response Rate 1).

The below results reflect weighted responses. Survey weights were calculated in two stages. In the first stage, we used the technique of post-stratification to account for differential selection probabilities including oversamples in predominantly Latino block groups and neighborhoods that were targets of the Strategic Neighborhood Fund, a public/private community development initiative. In the second stage, 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 2023 1-year estimates from the American Community Survey (ACS). Click here for more on the weighting approach. The margin of sampling error for a random sample survey of this size would be +/- 2.89 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	43%
	Female	57%

Age		
	18-35	30%
	35-54	33%
	55-64	15%
	65+	22%

Race/Ethnicity		
	Non-Hispanic White Alone	11%
	Non-Hispanic Black Alone	75%
	Non-Hispanic Other (including multirace)	6%
	Hispanic	8%

Highest level of school completed	Less than high school	14%
	High school diploma or equivalent	32%
	Some college/Associates degree	35%
	College +	19%

Household income	<$10,000	15%
	$10,000-$29,999	28%
	$30,000-$49,999	20%
	$50,000-$99,999	23%
	$100,000+	14%

Survey Results

Block 1: Household Composition, Residence and Housing Status

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

1. **Besides yourself,** are there any other adults (age 18 or older) living in your household? [hhanyoneelse_d21]

Yes	55%
No	45%
SKIPPED/MISSING	<1%

IF [hhanyoneelse_d21] is "Yes"

		0	1	2	3	4+	SKIPPED/ MISSING
2. **Besides yourself**, how many adults in each category live in your household? N = 1,170	18 to 64 years old [hhcat_18to64_d21]	11%	45%	25%	11%	6%	3%
	65 years or older [hhcat_65plus_d21]	66%	23%	3%	1%	<1%	7%

3. Are there any children under the age of 18 living in your household? [hhcat_child_d21]

Yes	34%
No	66%
SKIPPED/MISSING	<1%

IF [hhcat_child_d21] IS "Yes"

4. How many children under the age of 18 live in your household? [hhcat_under18_d21]
N = 641

1	43%
2	29%
3	20%
4+	9%
SKIPPED/MISSING	0%

5. About how long have you lived in Detroit? [city_res_len_d21]

Less than six months	<1%
Six months to 1 year	<1%
1 to 5 years	7%
6 to 10 years	7%
11 to 20 years	10%
More than 20 years	76%
SKIPPED/MISSING	0%

6. About how long have you lived at your current address? [current_res_len_d21]

Less than six months	2%
Six months to 1 year	5%
1 to 5 years	28%
6 to 10 years	21%
11 to 20 years	22%
More than 20 years	23%
SKIPPED/MISSING	0%

7. Is your current residence....
[housing_d21]

Owned by you or someone in this household **with a mortgage or loan** (which could be a home equity loan)	23%
Owned by you or someone in this household **free and clear** (without a mortgage or loan)	32%
Occupied without payment of rent	4%
Rented	40%
SKIPPED/MISSING	1%

IF [housing_d21] 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)"

8. Do you own the home where you are living or does someone else in your household own it?
[home_owner_d21]

N = 1,352

I own it	56%
Someone else in this household owns it	26%
Someone else and I own it together	18%
SKIPPED/MISSING	<1%

IF [housing_d21] IS "Occupied without payment of rent" OR "Owned by you or someone in this household free and clear (without a mortgage or loan)"

9. Was this home bought with a mortgage or loan, gifted or inherited, or obtained through some other arrangement?
[home_acquire_d21]

N = 910

The home was bought with a mortgage or other type of loan	32%
The home was gifted or inherited	21%
Other arrangement	32%
Don't know	15%
SKIPPED/MISSING	<1%

Some people buy homes using a land contract. A land contract is different from a mortgage. Under a land contract, the buyer makes payments directly to the seller/owner of the house instead of borrowing money from a mortgage lender.

10. Have you ever entered into a land contract to purchase a home? [land_contract_ever_d21]

Yes	8%
No	92%
SKIPPED/MISSING	<1%

IF [land_contract_ever_d21] IS "Yes"

11. Are you currently making payments on your home through a land contract? [land_contract_currpay_d21]

N = 225

Yes	23%
No	77%
SKIPPED/MISSING	0%

IF [land_contract_ever_d21] IS "Yes" AND [land_contract_currpay_d21] IS "No"

12. Did you buy your current home using a land contract? [land_contract_currhome_d21]

N = 186

Yes	55%
No	45%
SKIPPED/MISSING	0%

13. Which best describes your current residence? [curr_home_type_d12]

Mobile or manufactured home	<1%
One-family house	67%
Two-family house/duplex	12%
Apartment building or condo	18%
Dormitory	0%
Assisted living facility	<1%
Skilled nursing center	0%
Unhoused or homeless	<1%
Other	3%
SKIPPED/MISSING	<1%

Block 2: Challenges Faced by Detroiters - Outlier Media

Now we have some questions about challenges that you and your household may face in your daily life.

To what extent are you or anyone in your household facing challenges with each of the following **right now**:

(ORDER RANDOMIZED) [cur_chalng_*_d21]	Major challenge	Minor challenge	Not a challenge	SKIPPED/ MISSING
14. Housing [cur_chalng_housing_d21]	18%	22%	58%	2%
15. The quality of K-12 schools [cur_chalng_school_d21]	16%	24%	56%	5%
16. Reliable transportation [cur_chalng_transpo_d21]	18%	26%	54%	2%
17. Crime or concerns about safety [cur_chalng_safety_d21]	21%	43%	34%	1%
18. Employment [cur_chalng_employ_d21]	19%	22%	57%	2%
19. Neighborhood condition and upkeep (e.g., trash, blighted homes, roads, sidewalks, lighting) [cur_chalng_nb_d21]	21%	42%	35%	2%
20. Getting the food I/we need [cur_chalng_food_d21]	15%	30%	54%	1%

21. Is there a different major challenge you or someone in your household is facing right now that was not included in the previous list of possible challenges? [cur_chalng_text_d21]

N = 246

* The 9 most frequently identified 'different major challenges' are reported here.

Healthcare/Health Insurance	34%
Cost of Living	17%
Disability/Access	4%
Stray Animals	4%
City Services	3%
Flooding	2%
Family Care	1%
Homelessness	1%
Trump/Current Federal Administration	1%
Others	34%

IF MORE THAN 3 'Major challenges' WERE IDENTIFIED FROM [cur_chalng_*_d21]

22. Of the major challenges you selected, which three are presenting the greatest challenge for you or your household right now? **Select up to three.** *The N varies for each of these items, depending on responses to previous questions.		
	Housing [cur_prim_chalng_housing_d21]	59%
	The quality of K-12 schools [cur_prim_chalng_school_d21]	40%
	Reliable transportation [cur_prim_chalng_transpo_d21]	52%
	Crime or concerns about safety [cur_prim_chalng_safety_d21]	58%
	Employment [cur_prim_chalng_employ_d21]	58%
	Neighborhood condition and upkeep (e.g., trash, blighted homes, roads, sidewalks, lighting) [cur_prim_chalng_nb_d21]	35%
	Getting the food I/we need [cur_prim_chalng_food_d21]	53%
	SKIPPED/MISSING	0%

IF [cur_chalng_housing_d21] IS "Major challenge" OR [cur_prim_chalng_housing_d21] IS "Major challenge"

How much of a challenge are each of the following housing-related issues for your household right now?

N = 250

(ORDER RANDOMIZED, "Other" FIXED AT THE BOTTOM)	Major challenge	Minor challenge	Not a challenge/ Not applicable	SKIPPED/ MISSING
23. Finding a home to buy that suits my and/or my family's needs and budget [chalng_housing_needs_d21]	72%	12%	16%	1%
24. Home maintenance and repair [chalng_housing_maint_d21]	60%	23%	15%	1%
IF [housing_d21] IS "Rented" N = 156 25. Paying rent [chalng_housing_rent_d21]	64%	25%	10%	1%

IF [housing_d21] IS "Rented" N = 156 26. Finding a landlord that accepts housing vouchers [chalng_housing_vouch_d21]	41%	19%	39%	2%
IF [housing_d21] IS "Owned, with mortgage" N = 22 27. Paying mortgage or loan [chalng_housing_mortgage_d21]	60%	16%	25%	0%
IF [housing_d21] IS "Owned" OR "Occupied without rent" N = 93 28. Paying property taxes [chalng_housing_proptax_d21]	36%	39%	25%	<1%
IF [housing_d21] IS "Owned" OR "Occupied without rent" N = 93 29. Paying home insurance [chalng_housing_insur_d21]	45%	23%	32%	0%
30. Paying utilities [chalng_housing_utilities_d21]	63%	25%	11%	1%
31. Other [chalng_housing_other_d21]	16%	18%	53%	14%

IF [chalng_housing_utilities_d21] IS "Major challenge"

How much of a challenge are each of the following utility costs for your household right now?

N = 132

(ORDER RANDOMIZED, "Other" FIXED AT THE BOTTOM)	Major challenge	Minor challenge	Not a challenge/ Not applicable	SKIPPED/ MISSING
32. Paying for gas [chalng_utilities_gas_d21]	65%	24%	11%	0%
33. Paying for electricity [chalng_utilities_electricity_d21]	78%	17%	5%	1%
34. Paying for internet [chalng_utilities_internet_d21]	53%	35%	12%	1%

35. Paying for water [chalng_utilities_water_d21]	48%	26%	24%	2%
36. Other [chalng_utilities_other_d21]	16%	14%	50%	20%

IF [cur_prim_chalng_transpo_d21] IS "Major challenge" OR [cur_prim_chalng_transpo_d21] IS "Major challenge"

How much of a challenge are each of the following transportation issues for your household right now?

N = 292

(ORDER RANDOMIZED, 'Other' FIXED AT THE BOTTOM)	Major challenge	Minor challenge	Not a challenge/ Not applicable	SKIPPED/ MISSING
37. Cost of car insurance [chalng_transpo_insur_d21]	69%	9%	22%	1%
38. Cost of purchasing or maintaining a car [chalng_transpo_car_d21]	76%	13%	10%	1%
39. Frequency of bus or rail service [chalng_transpo_pub_freq_d21]	41%	35%	23%	1%
40. Reliability of bus or rail schedules [chalng_transpo_pub_reliab_d21]	47%	28%	24%	1%
41. Insufficient bus or rail routes [chalng_transpo_pub_routes_d21]	37%	29%	32%	2%
42. Other [chalng_transpo_other_d21]	5%	13%	56%	26%

IF [cur_chalng_employ_d21] IS "Major challenge" OR [cur_prim_chalng_employ_d21] IS "Major challenge"

43.	Which of the following better describes your employment challenges right now? [chalng_job_d21] N = 271	Have not been able to find a job	70%
		Do not like my current job	23%
		SKIPPED/MISSING	7%

IF [chalng_job_d21] IS 'Have not been able to find a job'

How much would each of the following help you find a job?

N = 196

(ORDER RANDOMIZED)	Would help a lot	Would help some	Would not help at all/ Not applicable	SKIPPED/ MISSING
44. Better transportation [chalng_job_find_transpo_d21]	61%	22%	15%	2%
45. Better childcare [chalng_job_find_childcare_d21]	31%	17%	49%	3%
46. More education/ training/ apprenticeship opportunities [chalng_job_find_edu_d21]	67%	22%	9%	3%
47. More jobs in my field or area of interest [chalng_job_find_interest_d21]	75%	18%	6%	2%
48. Assistance clearing a criminal record [chalng_job_find_record_d21]	26%	14%	59%	1%
49. More jobs with flexible schedules [chalng_job_find_sched_d21]	73%	18%	8%	1%
50. More job opportunities with better pay [chalng_job_find_pay_d21]	87%	10%	3%	<1%
51. Other [chalng_job_find_other_d21]	15%	12%	50%	23%

IF [chalng_job_d21] IS 'Do not like my current job'

How much of a challenge is each of the following with your current job?

N = 44

(ORDER RANDOMIZED)	Major challenge	Minor challenge	Not a challenge	SKIPPED/ MISSING
52. Transportation [chalng_job_cur_transpo_d21]	45%	18%	37%	0%
53. Work schedule [chalng_job_cur_sche_d21]	50%	32%	19%	0%
54. Lack of upward mobility	49%	29%	22%	0%

[chalng_job_cur_promo_d21]				
55. Not in my area of interest [chalng_job_cur_interest_d21]	38%	53%	9%	0%
56. Inadequate pay/ compensation [chalng_job_cur_pay_d21]	65%	21%	14%	0%
57. Other [chalng_job_cur_other_d21]	9%	21%	57%	13%

Block 3: Homeownership and Homeowner's Insurance

Next, we are interested in your thoughts about owning a home.

IF [housing_d21] IS "Occupied without payment of rent" OR "Rented"

58. How interested are you in buying a home in the next 5 years? [homeown_interest_d21]

    N = 899

Very interested	53%
Somewhat interested	22%
Not very interested	7%
Not at all interested	18%
SKIPPED/MISSING	0%

59. Generally speaking, how do you think owning a home in Detroit impacts a person's financial situation? [homeown_finsit_d21]

Very likely to **help** a person's financial situation	38%
Somewhat likely to **help** a person's financial situation	30%
Unlikely to help or harm a person's financial situation	17%
Somewhat likely to **harm** a person's financial situation	11%
Very likely to **harm** a person's financial situation	4%
SKIPPED/MISSING	1%

60. Generally speaking, how financially risky do you think owning a home in Detroit is today? [homeown_finrisk_d21]

Not at all financially risky	25%
A little financially risky	41%
Somewhat financially risky	25%
Very financially risky	9%
SKIPPED/MISSING	1%

61. Generally speaking, how safe or risky do you think it is to take out a loan or mortgage to buy a home? [homeloan_risk_d21]

Very safe	16%
Somewhat safe	34%
Somewhat risky	34%
Very risky	15%
SKIPPED/MISSING	1%

IF [housing_d21] IS "Owned by you or someone in this household **with a mortgage** or loan (which could be a home equity loan)," "Owned by you or someone in this household free and clear (without a mortgage or loan)," OR "Occupied without payment of rent."

62. Is your house currently insured/covered by homeowners insurance? [homeinsur_d21]

    N = 1,431

Yes	65%
No	25%
Don't know	10%
SKIPPED/MISSING	<1%

IF [homeinsur_d21] is "No"

63. There are many reasons people do not have homeowners insurance. What is the primary reason that you do not have homeowners insurance? [noinsur_reason_d21]

    N = 353

I have not applied for homeowners insurance	23%
I have applied for homeowners insurance but my application was denied	7%
I have applied for homeowners insurance but the policy (or policies) offered were too expensive	31%

I had homeowners insurance for my current house but no longer have it	14%
Another reason	16%
Don't know	9%
SKIPPED/MISSING	0%

IF [noinsur_reason_d21] IS "I have applied for homeowners insurance but my application was denied."

64. What was the primary reason that the homeowners insurance provider gave for denying your application? [insur_deny_d21]

    N = 24

Issue with my house or property conditions	43%
Issue with neighboring house or property conditions	35%
Issue with ownership, property title, or other paperwork	5%
Another reason	12%
Don't know	6%
SKIPPED/MISSING	0%

IF [noinsur_reason_d21] IS "I had homeowners insurance for my current house but no longer have it."

65. What is the primary reason that you no longer have homeowners insurance? [noinsur_nolonger_d21]

    N = 61

I paid off my mortgage and let the homeowners insurance lapse	15%
I decided to end my homeowners insurance because it was too expensive	57%
The insurer ended my policy	13%
Another reason	14%
Don't know	0%
SKIPPED/MISSING	1%

IF [noinsur_nolonger_d21] IS "The insurer ended my policy."

66. What was the primary reason that the homeowners insurance provider gave for ending your policy? [noinsur_ended_d21]

    N = 10

Issue with my house or property conditions	63%
Issue with neighboring house or property conditions	0%
Issue with ownership, property title, or other paperwork	0%
Another reason	38%
Don't know	0%
SKIPPED/MISSING	0%

IF [noinsur_reason_d21] IS "I have not applied for homeowners insurance"

67. What is the primary reason that you have not applied for homeowners insurance? [noinsur_notapply_d21]
    N = 68

I am not familiar with homeowner's insurance	37%
I don't think I need homeowner's insurance	8%
I don't think I can get homeowner's insurance	3%
Homeowners insurance is too expensive/not worth it	32%
Another reason	15%
Don't know	6%
SKIPPED/MISSING	0%

IF [housing_d21] IS "Owned by you or someone in this household with a mortgage or loan (which could be a home equity loan)"

68. In the **past 12 months**, how often have you or members of your household been worried about not being able to pay your **mortgage?** [mortgage_worry_cost_d21]

    N = 521

Never	52%
Rarely	18%
Sometimes	25%
Usually	3%
Always	3%
SKIPPED/MISSING	<1%

IF [housing_d21] IS "Rented"

69. In the **past 12 months**, how often have you or members of your household been worried about not being able to pay your **rent?**
[rent_worry_cost_d21]

N = 820

Never	29%
Rarely	19%
Sometimes	33%
Usually	7%
Always	12%
SKIPPED/MISSING	0%

IF [housing_d21] 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)"

70. In the **past 12 months**, how often have you or members of your household been worried about not being able to pay your **property taxes?**
[proptax_worry_d21]

N = 1,352

Never	45%
Rarely	22%
Sometimes	21%
Usually	5%
Always	6%
SKIPPED/MISSING	<1%

Now we have some questions about difficult housing situations you might have experienced in the last few years.

71. In the **past 5 years**, have you or your household been evicted or otherwise forced to leave a living arrangement? [evict_d21]

Yes, we've experienced an eviction or forced move	6%
No, but we've been threatened with an eviction or forced move	8%
No, we have not experienced or been threatened with an eviction or forced move	67%
Don't know	3%
Not applicable	16%
SKIPPED/MISSING	<1%

IF [evict_d21] IS "Yes, we've experienced an eviction or forced move" OR "No, but we've been threatened with an eviction or forced move"

72. What was the most recent year you or your household experienced or were threatened with an eviction or forced to move? [evict_yr_d21]

    N = 259

2025	11%
2024	37%
2023	16%
2022	13%
2021	4%
2020	9%
Don't know	10%
SKIPPED/MISSING	1%

73. In the **past 5 years**, have you or your household experienced a **mortgage foreclosure** (as a result of defaulting on your mortgage payments)? [mort_foreclose_d21]

Yes, we've experienced a mortgage foreclosure	1%
No, but we've been threatened with a mortgage foreclosure	2%
No, we have not experienced or been threatened with a mortgage foreclosure	61%
Don't know	4%
Not applicable	32%
SKIPPED/MISSING	<1%

IF [mort_foreclose_dxx] IS "Yes" OR "No, but we've been threatened with a mortgage foreclosure"

74. What was the most recent year you or your household experienced or were threatened with a mortgage foreclosure? [mort_foreclose_yr_d21]

    N = 69

2025	6%
2024	19%
2023	13%
2022	10%
2021	6%
2020	12%
Don't know	33%
SKIPPED/MISSING	2%

75.	In the **past 5 years**, have you or your household experienced a **property tax foreclosure** (as a result of missed property tax payments)? [tax_foreclose_d21]	

Yes, we've experienced a property tax foreclosure	4%
No, but we've been threatened with a property tax foreclosure	6%
No, we have not experienced or been threatened with a property tax foreclosure	61%
Don't know	4%
Not applicable	25%
SKIPPED/MISSING	1%

IF [tax_foreclose_d21] IS "Yes" OR "No, but we've been threatened with a property tax foreclosure"

76. What was the most recent year you or your household experienced or were threatened with a property tax foreclosure? [tax_foreclose_yr_d21]

N = 228

2025	13%
2024	25%
2023	19%
2022	15%
2021	6%
2020	9%
Don't know	12%
SKIPPED/MISSING	1%

77. Have you heard of Detroit's property tax relief programs including the Homeowners Property Exemption (HOPE) program, the Poverty Tax Exemption (PTE), or the Homeowners Property Tax Assistance Program (HPTAP)? [taxrelief_aware_d21]

Yes	48%
No	52%
SKIPPED/MISSING	<1%

Detroit's primary tax relief program is the Homeowners Property Exemption (HOPE), an annual program that provides eligible homeowners (based on household income and household size) the opportunity to reduce their property tax burden. In past years, related programs like the Homeowners Property Tax Assistance Program (HPTAP) and county programs like the Detroit Tax Relief Fund have similarly offered residents options to address their property tax debt.

78. Have you or your household ever applied for a property tax relief program?
    [taxrelief_apply_d21]

Yes	12%
No	78%
Don't know	10%
SKIPPED/MISSING	<1%

79. Have you heard of eviction aid or prevention programs in Detroit? [evictrelief_aware_d21]

Yes	33%
No	67%
SKIPPED/MISSING	<1%

Eviction aid or prevention programs help eligible renters who are facing eviction by providing free legal representation in court.

80. Have you or your household ever requested eviction aid or prevention services in Detroit?
    [evictrelief_use_d21]

Yes	5%
No	89%
Don't know	5%
SKIPPED/MISSING	<1%

Now we have some questions about your neighborhood.

81. 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_d21]

1- Very dissatisfied	6%
2- Mostly dissatisfied	5%
3- Somewhat dissatisfied	13%
4- Neither satisfied nor dissatisfied	14%
5- Somewhat satisfied	21%
6- Mostly satisfied	25%
7- Very satisfied	17%
SKIPPED/MISSING	<1%

82. Over the **past several months**, have you had thoughts about moving from the place where you live now?
[relocation1_d21]

Yes	53%
No	47%
SKIPPED/MISSING	<1%

Now we'll ask some questions about policing.

How much do you agree or disagree with the following statement:

83. The police in my neighborhood can be trusted.
[police_trust_d21]

Strongly disagree	8%
Somewhat disagree	10%
Neither agree nor disagree	26%
Somewhat agree	29%
Strongly agree	20%
Don't know	7%
SKIPPED/MISSING	<1%

84. Would increasing police presence in your neighborhood make you feel less safe, more safe, or would it not affect how safe you feel?
[police_feelsafe_d21]

It would make me feel less safe	9%
It would make me feel more safe	51%
It would not affect how safe I feel	30%
Don't know	11%
SKIPPED/MISSING	<1%

Block 4: Mental Health

Now we would like to ask a standard set of questions asked by health professionals to assess your wellbeing.

85. In the **past 7 days**, how often have you felt nervous, anxious, or on edge?
[mh_anxiety_d21]

Less than 1 day	53%
1 to 2 days	23%
3 to 4 days	13%
5 to 7 days	10%
SKIPPED/MISSING	1%

86. In the **past 7 days**, how often have you felt depressed?*
[mh_depress_d21]

* Added to the survey on 1/16/25
N = 1,502

Less than 1 day	61%
1 to 2 days	20%
3 to 4 days	8%
5 to 7 days	10%
SKIPPED/MISSING	1%

87. In the **past 7 days,** how often have you not been able to stop or control worrying?
[mh_worry_d21]

Less than 1 day	58%
1 to 2 days	20%
3 to 4 days	11%
5 to 7 days	10%
SKIPPED/MISSING	1%

Block 5: Political Trust

Now we have some questions about your views of government.

88. How much do you trust the **federal government in Washington** to do the right thing?
[fedgov_trust_d21]

None	47%
A little	33%
Some	16%
A lot	3%
SKIPPED/MISSING	1%

89. How much do you trust the **local government in Detroit** to do the right thing?
[localgov_trust_d21]

None	22%
A little	36%
Some	33%
A lot	9%
SKIPPED/MISSING	1%

90. How much of a difference do you believe you can make in **what the local government in Detroit does?**
[det_localgov_voice2_d21]

No difference at all	30%
A small difference	41%
A moderate difference	19%
A big difference	9%
SKIPPED/MISSING	1%

91. How much of a difference do you believe you can make in **your community in Detroit?**
[det_commu_voice_d21]

No difference at all	21%
A small difference	44%
A moderate difference	23%
A big difference	12%
SKIPPED/MISSING	<1%

Block 6: Stormwater Management, Flooding

In the next section, we have a few questions about your experience with flooding.

92. Does your home have a basement or crawl space that you can access?
[basement_d21]

Yes	77%
No	20%
Don't know	3%
SKIPPED/MISSING	<1%

IF [basement_d21] IS "Yes"

93. How do you use your basement or crawl space? Please select all that apply.

N = 1,810

I don't use the space in the basement or crawl space [basement_use_no_d21]	5%
Storage [basement_use_storage_d21]	61%
Recreation [basement_use_recrea_d21]	17%

Children's play room [basement_use_child_d21]	7%
Living/family room [basement_use_family_d21]	12%
Bedroom [basement_use_bedroom_d21]	9%
Office [basement_use_office_d21]	5%
Workshop/workbench [basement_use_workshop_d21]	12%
Laundry room (washer and/or dryer are in basement) [basement_use_laundry_d21]	76%
Utility room (water heater and/or furnace are in basement) [basement_use_utilty_d21]	63%
Other [basement_use_other_d21]	5%
Don't know [basement_use_unknow_d21]	1%
SKIPPED/MISSING	0%

94. In any home you have lived in during the **past 12 months**, have you experienced water leaking in from the outside through the roof, outside walls, basement, closed windows or doors, or skylight? Please select all that apply.

Yes, in this residence [flooding_cur_res_d21]	43%
Yes, in a different residence [flooding_diff_res_d21]	4%
No [flooding_no_d21]	53%
SKIPPED/MISSING	<1%

IF [flooding_cur_res_d21] IS "Yes"

Thinking about the home where you live now, did the water come from any of the following?

N = 1,023

(ORDER RANDOMIZED, "Somewhere else" FIXED AS LAST RESPONSE OPTION)	Yes	No	Don't know	SKIPPED/ MISSING
95. Roof [flooding_source_roof_d21]	41%	48%	6%	5%
96. Outside walls [flooding_source_outwall_d21]	40%	43%	11%	6%
IF [basement_d21] IS "Yes" N = 936 97. Basement walls or floor [flooding_source_basement_d21]	79%	14%	4%	3%
98. Around closed windows, closed doors, or skylights [flooding_source_window_d21]	21%	63%	9%	7%
99. Somewhere else [flooding_source_other_d21]	17%	48%	24%	11%

IF [flooding_cur_res_d21] IS "Yes"

100. Thinking about the home where you live now, how many times during the **past 12 months** has water leaked into your home from the outside? [flooding_freq_d21]

N = 1,023

Only 1 time	16%
2-5 times	42%
More than 5 times	32%
Don't know	9%
SKIPPED/MISSING	<1%

IF [flooding_cur_res_d21] IS "Yes"

101. Where did flooding occur? Please select all that apply. [flooding_where_d21]

N = 1,023

Basement [flooding_basement_d21]	82%
First floor [flooding_1stfloor_d21]	15%
Second floor or above [flooding_2floorplus_d21]	14%
SKIPPED/MISSING	2%

IF [flooding_cur_res_d21] IS "Yes"

102. What was the maximum depth of water in your residence on any floor? [flooding_depth_d21]

N = 1,023

Puddles or dampness	50%
<1 foot	20%
1-3 feet	16%
>3 feet	4%
Don't know	9%
SKIPPED/MISSING	1%

IF [flooding_any_d21] IS "Yes, in this residence"

While you have been living in your current home, how did the water that leaked into your home from the outside in the **past 12 months** impact you and/or another member of your household?

N = 1,023

(ORDER RANDOMIZED)	Yes	No	Don't know	SKIPPED/ MISSING
103. Experienced physical illness from the water damage or mold or other effects of water damage [flood_impacts_sick_d21]	19%	67%	11%	3%
104. Had to leave home and stay elsewhere [flood_impacts_leave_d21]	14%	81%	2%	3%
105. Missed work or school [flood_impacts_work_sch_d21]	26%	70%	2%	2%
106. Experienced stress [flood_impacts_stress_d21]	76%	21%	2%	2%
107. Had to spend money to remove water or mold [flood_impacts_rm_cost_d21]	49%	45%	3%	3%
108. Had to do water and mold removal myself/ourselves [flood_impacts_rm_self_d21]	59%	35%	4%	2%

IF [flood_impacts_sick_d21] IS "Yes"

109. Did you or another member of your household require care in an emergency room or urgent care center for these symptoms? [flood_impacts_sick_er_d21]

N = 198

No	63%
Yes	33%
Don't know	5%
SKIPPED/MISSING	0%

110. While you have been living in your current home, did the water that leaked into your home result in mold growth? [mold_growth_d21]

     N = 1,023

No	34%
Yes, in the basement	35%
Yes, in another location	5%
Yes, in the basement and another location	7%
Don't know	18%
SKIPPED/MISSING	<1%

111. Over the past summer, how often did you notice any musty smells inside your home? [musty_smell_d21]

Every day	7%
Every week but not every day	6%
At least once a month but not every week	10%
Less than once a month	17%
Never	50%
Don't know	10%
SKIPPED/MISSING	<1%

112. Have you or anyone in your household ever been told by a doctor or medical provider that they have asthma? [asthma_d21]

No	60%
Yes – myself	18%
Yes – another adult	6%
Yes – a child	5%
Yes - multiple members of my household	6%
Not sure	5%
SKIPPED/MISSING	<1%

113. In the **past 12 months,** how many times have you or other people in your household visited the emergency room or urgent care for asthma or another respiratory condition? [asthma_ervisit_d21]

Never	72%
1-2 times	22%
3-5 times	4%
6+ times	1%
SKIPPED/MISSING	1%

On June 25 and June 26, 2021, the Detroit Metro Area experienced heavy rainfall and flooding. It led to a disaster declaration, many road closures, basement flooding, and other major disruptions. The following questions ask about how the flooding might have affected you.

114. Do you remember the rainfall and flooding event on June 25 and 26, 2021? [floods21_remember_d21]

Yes	75%
No	25%
SKIPPED/MISSING	<1%

115. Did you live at your current residence during the June 2021 floods? [floods21_curres_d21]

Yes	75%
No	22%
Don't know	3%
SKIPPED/MISSING	<1%

IF [floods21_remember_d21] IS "Yes"

116. Were you unable to reach any of the following important locations or services because of the June 2021 floods? Please select all that apply.

    N = 1,777

Work [floods21_work_d21]	14%
Home [floods21_home_d21]	8%
School [floods21_sch_d21]	7%
Groceries [floods21_groc_d21]	17%
Medical services [floods21_med_d21]	5%
Childcare [floods21_childcare_d21]	3%
Eldercare [floods21_eldercare_d21]	1%

Financial institutions [floods21_bank_d21]	5%
Government buildings [floods21_gov_d21]	4%
Social services [floods21_social_d21]	4%
Religious institutions [floods21_religious_d21]	4%
Community centers [floods21_community_d21]	3%
I did not lose access to any of these locations or services [floods21_no_d21]	68%
SKIPPED/MISSING	4%

117. Do you remember any water leaking into the home where you were living during the June 2021 floods? [floods21_any_d21]

Yes	50%
No	50%
SKIPPED/MISSING	1%

IF [floods21_remember_d21] IS "Yes" AND IF [floods21_any_d21] IS "Yes"

118. Where did flooding occur in your residence during the June 2021 floods? Please select all that apply.

    N = 1,102

Basement [floods21_basement_d21]	93%
First floor [floods21_1stfloor_d21]	10%
Second floor or above [floods21_2floorplus_d21]	8%
SKIPPED/MISSING	<1%

IF [floods21_remember_d21] IS "Yes" AND IF [floods21_any_d21] IS "Yes"

119. What was the maximum depth of water in your residence on any floor from the June 2021 floods? [floods21_depth_d21]

N = 1,102

Puddles or dampness	22%
<1 foot	27%
1-3 feet	31%
>3 feet	12%
Don't know	8%
SKIPPED/MISSING	<1%

IF [floods21_remember_d21] IS "Yes" AND IF [floods21_any_d21] IS "Yes"

120. What was the estimated cost of damages to your property, including the building and the contents within, due to the June 2021 floods? [floods21_cost_d21]

N = 1,102

My property was not damaged	10%
< $1,000	16%
$1,001 - $25,000	50%
$25,001 - $50,000	6%
$50,001 - $100,000	1%
> $100,000	<1%
Don't know	15%
SKIPPED/MISSING	<1%

IF [floods21_remember_d21] IS "Yes"

121. Did you need to leave your residence and stay somewhere else due to the June 2021 floods? [floods21_leave_d21]

N = 1,777

Yes	14%
No	83%
Don't know	3%
SKIPPED/MISSING	<1%

IF [floods21_remember_d21] IS "Yes" AND IF [floods21_leave_d21] IS "Yes"

122. How long did you stay somewhere else due to the June 2021 floods?
[floods21_leave_leng_d21]

N = 230

1-2 days	12%
3-6 days	37%
1-2 weeks	26%
3-4 weeks	8%
More than a month	16%
SKIPPED/MISSING	1%

How much do you agree or disagree with the following statements :

123. Over **the past 5 years**, flooding caused by major storms and weather events in **my local neighborhood** has become more frequent.
[nb_flooding_more_d21]

Strongly disagree	8%
Somewhat disagree	11%
Neither agree nor disagree	23%
Somewhat agree	29%
Strongly agree	17%
Don't know	12%
SKIPPED/MISSING	<1%

Now we are going to ask you about the whole City of Detroit.

124. Over the past 5 years, flooding caused by major storms and weather events in the **City of Detroit** has become more frequent.
[city_flooding_more_d21]

Strongly disagree	4%
Somewhat disagree	6%
Neither agree nor disagree	19%
Somewhat agree	34%
Strongly agree	26%
Don't know	11%
SKIPPED/MISSING	<1%

Finally, we are asking you about the 3 county metro Detroit region including Wayne, Oakland and Macomb Counties.

125. Over **the past 5 years**, flooding caused by major storms and weather events **in the metro Detroit region** has become more frequent. [metro_flooding_more_d21]

Strongly disagree	4%
Somewhat disagree	5%
Neither agree nor disagree	20%
Somewhat agree	33%
Strongly agree	26%
Don't know	11%
SKIPPED/MISSING	<1%

126. Major storms and weather events around the metro Detroit region contribute to flooding where I live. [storm_cause_flooding_d21]

Strongly disagree	9%
Somewhat disagree	8%
Neither agree nor disagree	18%
Somewhat agree	30%
Strongly agree	23%
Don't know	11%
SKIPPED/MISSING	1%

127. How much do you trust local governments in and around Detroit to manage and respond to flooding? [locgov_trust_flooding_d21]

None	21%
A little	42%
Some	29%
A lot	8%
SKIPPED/MISSING	1%

Regional cooperation to manage flooding has been shown to be effective, but the benefits and costs to local communities may vary. Please indicate how much you agree with the following statements about regional cooperation in metro Detroit.

[NOTE: The order of the following two questions was randomized.]

128. The City of Detroit should help pay for the costs of flood control projects located outside the city that benefit both City of Detroit *and* metro residents.
[citygov_floodctrl_costs_d21]

Strongly disagree	9%
Somewhat disagree	8%
Neither agree nor disagree	21%
Somewhat agree	32%
Strongly agree	31%
SKIPPED/MISSING	1%

129. Local governments around the metro Detroit region should help pay for the costs of flood control projects in the City of Detroit that benefit both City of Detroit residents *and* metro residents.
[locgov_floodctrl_costs_d21]

Strongly disagree	4%
Somewhat disagree	4%
Neither agree nor disagree	18%
Somewhat agree	32%
Strongly agree	41%
SKIPPED/MISSING	<1%

130. Community members should have a say about flood control projects located outside their community that would affect them.
[comm_say_floodctrl_d21]

Strongly disagree	4%
Somewhat disagree	4%
Neither agree nor disagree	19%
Somewhat agree	35%
Strongly agree	38%
SKIPPED/MISSING	1%

Policymakers across Metro Detroit are considering new and innovative approaches to manage flooding, including diverting excess water to parks, rivers, and natural spaces. These measures may make these public spaces unusable for short periods of time.

131. How familiar are you, if at all, with these potential flood control measures?
[flood_ctrl_familiar_d21]

Very unfamiliar	48%
Somewhat unfamiliar	25%
Somewhat familiar	22%
Very familiar	5%
SKIPPED/MISSING	1%

132. Which of the following statements most closely matches how you feel about these flood control measures?
[flood_ctrl_feel_d21]

It is worth making some parks, rivers, and natural spaces temporarily unusable to prevent homes from flooding.	68%
It is important to protect parks, rivers, and natural spaces from flooding, even if it means some homes might experience flooding.	24%
SKIPPED/MISSING	8%

Block 7: Employment

Now we are going to ask about your employment.

133. In the **past month**, did you do any work for either pay or profit?
[anywork_d21]

Yes	49%
No	50%
SKIPPED/MISSING	1%

IF [anywork_d21] IS "No"

134. In the **past month**, have you received unemployment Insurance (UI) benefits?
[fin_pubassist_ui_month_d21]

N = 1,229

Yes	4%
No	96%
SKIPPED/MISSING	<1%

IF [anywork_d21] IS "No"

Now we would like to ask some questions about why you did not work during the **past month**. Did any of the following contribute to your not working?

N = 1,229

[ORDER RANDOMIZED, "Other" FIXED AS LAST RESPONSE OPTION]	Yes	No	Don't know	SKIPPED/ MISSING
135. I am retired [lf_nowork_retired_d21]	38%	52%	5%	5%
136. I am going to school or training [lf_nowork_student_d21]	11%	72%	5%	12%
137. I have health/medical limitations or am disabled [lf_nowork_disabled_d21]	42%	45%	4%	9%
138. I do not want to work for pay at this time [lf_nowork_choice_d21]	14%	60%	13%	13%
139. I do not work due to family/personal obligations or am a homemaker [lf_nowork_homemaker_d21]	15%	66%	6%	12%
140. I lost my job, have been laid off, or am otherwise out of work [lf_nowork_layoff_d21]	19%	64%	5%	13%
141. Other [lf_nowork_other_d21]	5%	53%	12%	30%

IF [lf_nowork_*_d21] IS GREATER THAN OR EQUAL TO 2 "Yes" RESPONSES

142. 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. [lf_nowork_primary_d21] N = 509	[IF [lf_nowork_disabled_d21] IS "Yes"] I have health/medical limitations or am disabled	40%
	[IF [lf_nowork_retired_d21] IS "Yes"] I am retired	26%
	[IF [lf_nowork_layoff_d21] IS "Yes"] I have lost my job, been laid off, or am otherwise out of work	14%
	[IF [lf_nowork_student_d21] IS "Yes"] I am going to school or training	7%
	[IF [lf_nowork_homemaker_d21] IS "Yes"]	7%

I don't work due to family/personal obligations or am a homemaker	
[IF [lf_nowork_choice_d21] IS "Yes"] I did not want to work for pay at this time	2%
[IF [nowork_other_d21] IS Yes"] Other	2%
SKIPPED/MISSING	2%

143. Current employment status: [empcat_d21]*

Currently employed	49%
Currently unemployed	15%
Currently out of labor force	35%
SKIPPED/MISSING	1%

*[empcat_d21] is a constructed variable based on responses to [anywork_d21], [fin_pubassist_ui_month_d21], [notworking_return_d21], [lf_nowork_*_d21], [lf_nowork_primary_d21] and [jobsearch_cur_d21].

144. Have you actively searched for a new job in the **past month**? [jobsearch_cur_d21]

Yes	28%
No	58%
Not applicable	14%
SKIPPED/MISSING	1%

IF [anywork_d21] IS "No"

145. How likely do you think it is that you will work for pay or profit in the **next month?** [notworking_return_d21]

    N = 1,229

Very likely	12%
Somewhat likely	11%
Somewhat unlikely	11%
Very unlikely	37%
Not applicable	29%
SKIPPED/MISSING	1%

Block 8: Demographics and Background Characteristics

In the next section, we have some questions about your background.

146. Do you speak a language other than English at home?
[language_d21]

Yes	15%
No	82%
Prefer not to answer	2%
SKIPPED/MISSING	<1%

147. Were you born in the United States or a U.S. territory?
[born_us_d21]

Yes, I was born in one of the 50 U.S. states	94%
Yes, I was born in a U.S. territory (e.g., Puerto Rico, Guam, U.S. Virgin Islands)	1%
No	5%
SKIPPED/MISSING	1%

148. There are many ways a person can describe their gender identity and many labels a person can use. Which of the following terms best describes your current gender identity? We understand that there are many different ways you may identify, please pick the one that describes you.
[gender2_d21]

Woman	55%
Man	42%
Transgender	1%
Nonbinary	<1%
I use a different term	<1%
Don't know	<1%
Prefer not to answer	2%
SKIPPED/MISSING	<1%

149. What sex were you assigned at birth, on your original birth certificate?
[sex_assigned_d21]

Female	55%
Male	43%
Don't know	<1%
Prefer not to answer	2%
SKIPPED/MISSING	1%

150. There are many ways a person can describe their sexual orientation and many labels a person can use. Which of these options best describes your sexual orientation? We understand that there are many different ways you may identify, please pick the one that best describes you.
[sexuality2_d21]

Lesbian or gay	4%
Straight, that is, not gay or lesbian	86%
Bisexual	3%
I use a different term	1%
Don't know	1%
Prefer not to answer	5%
SKIPPED/MISSING	1%

151. Are you of Hispanic, Latino, or Spanish origin, such as Mexican, Puerto Rican or Cuban?
[hisp_d21]

Yes	8%
No	88%
Prefer not to answer	3%
SKIPPED/MISSING	1%

152. Are you of Arab, Persian, or Middle Eastern descent?
[mideastern_d21]

Yes	3%
No	94%
Prefer not to answer	3%
SKIPPED/MISSING	1%

153. Which of the following best describes your race? Please select all that apply.

American Indian or Alaska Native [race_native_d21]	2%
Asian or Asian American [race_asian_d21]	2%
Black or African American [race_black_d21]	74%
Native Hawaiian or Other Pacific Islander [race_pacisl_d21]	<1%
White [race_white_d21]	15%

Other [race_other_d21]		5%
Prefer not to answer [race_noanswer_d21]		6%
SKIPPED/MISSING		7%

154. What is the highest degree or level of school you have completed?
[educ_d21]

No formal education	2%
Some education but did not graduate from high school or receive a GED	12%
High school diploma or GED	32%
Some college, no degree	26%
Associate's degree (for example, AA or AS)	9%
Bachelor's degree (for example, BA, BS, or AB)	11%
Graduate degree (for example, Master's degree or doctorate)	8%
SKIPPED/MISSING	1%

155. Are you now married, widowed, divorced, separated or never married?
[marital_d21]

Now married	24%
Widowed	6%
Divorced	11%
Separated	3%
Never married	56%
SKIPPED/MISSING	1%

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).

156. Was your total HOUSEHOLD income in the **past 12 months** . . .
[income_1_d21]

Below $35,000	48%
$35,000 or more	50%
SKIPPED/MISSING	2%

IF [income_1_d21] IS "Below $35,000"

157. We would like to get a better estimate of your total HOUSEHOLD income in the **past 12 months** before taxes. Was it…
[income_2_d21]

N = 1,145

Less than $5,000	22%
$5,000 to $9,999	9%
$10,000 to $14,999	18%
$15,000 to $19,999	14%
$20,000 to $24,999	12%
$25,000 to $29,999	11%
$30,000 to $34,999	12%
SKIPPED/MISSING	2%

IF [income_1_d21] IS "$35,000 or more"

158. We would like to get a better estimate of your total HOUSEHOLD income in the **past 12 months** before taxes. Was it…
[income_3_d21]

N = 1,057

$35,000 to $39,999	13%
$40,000 to $49,999	14%
$50,000 to $59,999	17%
$60,000 to $74,999	16%
$75,000 to $99,999	12%
$100,000 to $124,999	10%
$125,000 to $149,999	4%
$150,000 or more	13%
SKIPPED/MISSING	2%

Block 9: Survey Closing

159. I completed this survey…
[surv_mode_d21]

On a computer (laptop or desktop)	14%
On a mobile device (e.g., cell phone or tablet)	78%
On the phone with a DMACS interviewer	7%
SKIPPED/MISSING	1%