



# Neighborhood Vitality Index

## Data Descriptions

### COMMUNITY CAPACITY

Indicator Name	Definition/Calculation	Survey Question(s)	Survey Answer Options	Data Source	Why It Matters
Residents planning to stay in the neighborhood through the next 12 months	Residents reporting (somewhat or strongly agree) they plan to stay for the next 12 months / Total respondents	I plan to stay in my neighborhood for the next 12 months	5=Strongly Agree 4=Somewhat Agree 3=Neither Agree or Disagree 2=Somewhat Disagree 1=Strongly Disagree 0=N/A	NVI Survey, 2024	Residents planning to stay in the neighborhood can be a signal of satisfaction with the area, while a lot of residents planning to leave can signal dissatisfaction or be an early warning sign for displacement.
Residents reporting sufficient access to support systems	Residents reporting (somewhat or strongly agree) that they have sufficient access in the city to the following: housing resources and supports, financial services, medical care, mental health, and human services / Total respondents	During the past 6 months, I have sufficient access to the following resources and supports that I need in the city of Detroit. (1) Housing resources and supports (such as eviction defense, financial assistance, tax foreclosure prevention, home repair, mortgage lending assistance); (2) Financial resources and supports (such as budgeting, training, credit counseling); (3) Medical Care; (4) Mental Health Services; (5) Human services (such as food and clothing, aging services, medicine, etc.)	5=Strongly Agree 4=Somewhat Agree 3=Neither Agree or Disagree 2=Somewhat Disagree 1=Strongly Disagree 0=N/A	NVI Survey, 2024	Support systems are critical for helping residents and communities weather unexpected events in life.

## COMMUNITY CAPACITY CONTINUED

Indicator Name	Definition/Calculation	Survey Question(s)	Survey Answer Options	Data Source	Why It Matters
Residents reporting involvement in a community engagement process	Residents reporting involvement in a community engagement process with a CDO, city government, or other entity / Total respondents	In the last 12 months, I have participated in a community engagement process with the following (Select all that apply):	1=Community development organizations 2=City government 3=I have not participated in a community engagement process 4=Other (please describe)	NVI Survey, 2024	It's important to neighborhood vitality for residents to feel heard and connected to community engagement processes in their neighborhood.
Residents reporting participation in block/ neighborhood/ community/school groups	Residents reporting that they often or sometimes participate in a block/ neighborhood/community group/school whether inside or outside of neighborhood / Total respondents	(1) I currently participate in a block/ neighborhood/ community group in my neighborhood (Ex. Block club, neighborhood or community development association, PTA, sports volunteer, etc.) (2) I currently participate in a community group outside of my neighborhood (Ex. City-wide or regional association or social justice organization, such as Black Lives Matter)	4=Often 3=Sometimes 2=Rarely 1=Never	NVI Survey, 2024	Strong connections between residents and nonprofits are a key piece of neighborhood vitality.
Residents reporting involvement with addressing neighborhood conditions	Residents reporting improving neighborhood conditions by purchasing a vacant lot, cleaning own lot, cleaning another lot, securing vacant buildings, cleaning alleys, or cleaning parks / Total respondents	In the last 12 months, I have... (Select all that apply)	6=Purchased a lot or lots near my home 5=Cleaned up or improved lot(s) that I own 4=Cleaned up or improved lot(s) that I do not own 3=Secured or improved vacant housing 2=Cleaned up or improved alleyways 1=Cleaned up or improved park/open spaces 0=I have not participated in any of these activities	NVI Survey, 2024	Communities with highly-involved residents are more likely to have greater social cohesion overall.
Land area covered by the footprint of at least one community development organization	Land area covered by the footprint of at least one community development organization / Total land area			Building the Engine of Community Development in Detroit, Community Development Organization Service Areas	Community Development Organizations are dedicated to helping specific places, which means that they can support neighborhoods deeply in a way that other nonprofits may not be able to.

## RESIDENT OPPORTUNITY

Indicator Name	Definition/Calculation	Survey Question(s)	Survey Answer Options	Data Source	Why It Matters
Residents reporting they have not missed important activities like work, appointments, or other daily living activities due to a lack of safe transportation	Residents reporting transportation has not prevented them from working, attending appointments, or other daily living activities / Total respondents	During the past 12 months, about how often has a lack of reliable transportation kept you from medical appointments, meetings, work, or from getting things needed for daily living?	5=Always 4=Often 3=Sometimes 2=Rarely 1=Never	NVI Survey, 2024	Reliable transportation is critical for people to be able to reach jobs and access services, and this indicator measures places where lack of transportation has been a barrier to accessing opportunities.
Residents reporting they did not struggle to obtain healthcare due to financial hardship	Residents reporting they have not struggled to get healthcare due to financial hardships / Total respondents	During the past 12 months... have financial concerns prevented you or someone in your family from getting the level of healthcare or medicine that you need?	1=Yes 2=No 3=Don't Know	NVI Survey, 2024	Health is really important to people's ability to pursue opportunity, and people who either have amassed medical debt or have been unable to care for their health due to finances are more likely to face struggles in this.
Residents reporting they have a savings account in a bank or credit union	Residents reporting that they have a savings account in a bank or credit union / Total respondents	Do you currently have a savings account at a bank or credit union?	1=Yes 2=No	NVI Survey, 2024	Having a savings account is a commonly-used measure of residents' financial health, and their ability to access other financial tools (credit, mortgages, etc.).
Residents reporting that their current job is located in Detroit	Residents reporting that their current job is located in Detroit or "both" (have jobs inside and outside of Detroit) / Total respondents	Do you currently work or hold a job...	1=In the city of Detroit? 2=Outside of Detroit? 3=Both 4=I am not currently employed	NVI Survey, 2024	Residents who are also able to work in Detroit keep more tax dollars in the city, and also contribute to the city's overall vitality through both their work and home lives.
Residents reporting owning a business	Residents reporting that they own a business in Detroit / Total respondents	Do you own a business located in Detroit?	1=Yes, I own a business that I run from my home or from a co-working space 2=Yes, I own a business with a dedicated physical location outside my home (e.g. storefront) 3=No, I do not currently own a business in Detroit 4=No, I do not currently own a business in Detroit but I would like/plan to 5=I own a business outside of Detroit	NVI Survey, 2024	Business ownership is a major path toward building wealth and accessing opportunity.

## RESIDENT OPPORTUNITY CONTINUED

Indicator Name	Definition/Calculation	Survey Question(s)	Survey Answer Options	Data Source	Why It Matters
Residents ages 20 and over employed or actively looking for employment	Residents age 20 and over employed or actively looking for employment / Population age 20 and over			American Community Survey, 5-Year Estimates, 2019-2023, Table B23001	Labor force participation is a strong indicator of how people view their access to economic opportunity - if people feel that they don't have access to opportunities, labor force participation rates tend to be lower.
Residents with at least a high school diploma or GED	Residents age 25 and over with at least high school diploma or GED / Population age 25 and over			American Community Survey, 5-Year Estimates, 2019-2023, Table B15003	A high school diploma is another key tool needed for someone to access opportunity and build wealth.
Residents with a post-secondary credential	Residents age 25 and over with a post-secondary credential (associate's degree or higher) / Population age 25 and over			American Community Survey, 5-Year Estimates, 2019-2023, Table B15003	Post-secondary credentials (Associate's Degrees, Bachelor's degrees, etc.) provide further economic stability and access to opportunity for neighborhood residents.
Owner-occupied households spending less than 30% of income on housing	Owner-occupied households spending less than 30% on housing / Number of owner-occupied households			American Community Survey, 5-Year Estimates, 2019-2023, Table B25106	Households spending more than 30% of their income on housing are considered cost-burdened, which means that their housing expenses place limits on their ability to access other goods and services.
Renter-occupied households spending less than 30% of income on housing	Renter-occupied households spending less than 30% on housing / Number of renter-occupied households			American Community Survey, 5-Year Estimates, 2019-2023, Table B25106	Households spending more than 30% of their income on housing are considered cost-burdened, which means that their housing expenses place limits on their ability to access other goods and services.
Properties not in tax foreclosure	Properties not in foreclosure for taxes / Total number of properties			Wayne County Treasurer Tax Auction and Claims; City of Detroit Parcel File	Tax foreclosure can be devastating for families and neighborhoods, and even having large numbers of properties in the tax foreclosure pipeline can be an indicator of economic distress.

## RESIDENT OPPORTUNITY CONTINUED

Indicator Name	Definition/Calculation	Survey Question(s)	Survey Answer Options	Data Source	Why It Matters
Residents above 200% of the federal poverty level	Residents above 200% of poverty level / Population for whom poverty status is determined			American Community Survey, 5-Year Estimates, 2019-2023, Table C17002	Areas of less concentrated poverty tend to produce better life outcomes for all residents, even those who live below the poverty level.
Third grade students who met or exceeded grade level standards in ELA	Number of 3rd graders who meet or exceed expectations for ELA at public or charter schools in the geography / Number of 3rd grade students at public or charter schools in the geography			Michigan's Center for Educational Performance and Information, 2023-2024	Third grade reading scores are an important view into education, as third grade is when reading independently becomes more essential for students to continue to learn.
Births where the mother received adequate prenatal care	Live births to pregnant people who received adequate prenatal care (defined by the Kessner Index) / Total live births			Michigan Department of Health and Human Services, 2023	Adequate prenatal care is an important measure of pregnant mothers' ability to access health care services.

## NEIGHBORHOOD CONDITIONS

Indicator Name	Definition/Calculation	Survey Question(s)	Survey Answer Options	Data Source	Why It Matters
Residents who have lived in the City for at least six years	Residents reporting they have lived in the city for at least 6 years / Total respondents	About how long have you lived in the city of Detroit?	1=Less than one year 2=1-3 Years 3=4-5 Years 4=6-10 Years 5=More than 10 Years	NVI Survey, 2024	Neighborhoods with lots of long-term residents are more likely to have high social cohesion, and are also likelier to have more residents who have invested substantially in their homes.
Residents who have a positive perception of vacant residential properties in their neighborhood	Residents reporting a positive perception (very and somewhat satisfied) of vacant residential buildings in their neighborhood / Total respondents	Please indicate how satisfied you are with each of the following aspects of your neighborhood: The condition of vacant residential buildings in your neighborhood	5=Very Satisfied 4=Somewhat Satisfied 3=Neither Satisfied or Dissatisfied 2=Somewhat Dissatisfied 1=Very Dissatisfied 0=Don't Know	NVI Survey, 2024	Vacant houses can create negative perceptions of neighborhood conditions, and some can be better-maintained than others.

## NEIGHBORHOOD CONDITIONS CONTINUED

Indicator Name	Definition/Calculation	Survey Question(s)	Survey Answer Options	Data Source	Why It Matters
Residents who are satisfied with the condition of vacant lots in their neighborhood	Residents reporting satisfaction (very and somewhat satisfied) with the condition of vacant lots in their neighborhood / Total respondents	Please indicate how satisfied you are with each of the following aspects of your neighborhood: The condition of vacant lots in your neighborhood	5=Very Satisfied 4=Somewhat Satisfied 3=Neither Satisfied or Dissatisfied 2=Somewhat Dissatisfied 1=Very Dissatisfied 0=Don't Know	NVI Survey, 2024	Vacant lots in a neighborhood can be a crisis or an opportunity. Lots that are well-maintained can be used for a variety of beneficial purposes (gardens, side lots, etc.), while lots that are not can be magnets for blight and dumping.
Residents who are satisfied with the condition of infrastructure in their neighborhood	Residents reporting satisfaction (very and somewhat satisfied) with the condition of infrastructure (roads, lighting, sidewalks) in their neighborhood / Total respondents	Please indicate how satisfied you are with each of the following aspects of your neighborhood: The condition of infrastructure in your neighborhood (roads, sidewalks, lighting, etc)	5=Very Satisfied 4=Somewhat Satisfied 3=Neither Satisfied or Dissatisfied 2=Somewhat Dissatisfied 1=Very Dissatisfied 0=Don't Know	NVI Survey, 2024	Infrastructure is often unseen – unless it becomes a problem. Street lights, sidewalks, pipes, fire hydrants – these can contribute greatly to neighborhood vitality if they're in good condition, and can harm it if not.
Residents who are satisfied with the condition of vacant commercial buildings in their neighborhood	Residents reporting satisfaction (very and somewhat satisfied) with the condition of vacant commercial buildings in their neighborhood / Total respondents	Please indicate how satisfied you are with each of the following aspects of your neighborhood: The condition of vacant commercial buildings in your neighborhood	5=Very Satisfied 4=Somewhat Satisfied 3=Neither Satisfied or Dissatisfied 2=Somewhat Dissatisfied 1=Very Dissatisfied 0=Don't Know	NVI Survey, 2024	Commercial buildings are usually some of the first structures seen when passing through a neighborhood, and their condition can have an outsize impact on how people perceive the surrounding area.
Residential structures that are not in poor or blighted condition	Residential structures that aren't long-term vacant structures in 2022-2023, or don't have a blight ticket in 2022-2023 / Total residential structures			City of Detroit Parcel File (2024); Vericast VNEF Plus (2021 Q4 – 2023 Q3); City of Detroit Blight Violations (2024);	Blight can have negative effects on a neighborhood, reducing property values and social cohesion.
Number of building permits issued per 10,000 residents	Building permits issued / Total population * 10,000			City of Detroit Buildings, Safety, Engineering and Environmental Department, 2024	Building permits are an imperfect measure of economic activity in a neighborhood. While not everybody pulls permits, they do offer insight into positive activities (home repairs, new construction, new businesses, etc.) that can improve neighborhood conditions.

## QUALITY OF LIFE

Indicator Name	Definition/Calculation	Survey Question(s)	Survey Answer Options	Data Source	Why It Matters
Residents who are satisfied with the overall quality of their lives	Residents reporting satisfaction (very or somewhat satisfied) with the overall quality of their lives / Total respondents	How satisfied are you with the overall quality of your life?	5=Very Satisfied 4=Somewhat Satisfied 3=Neither Satisfied or Dissatisfied 2=Somewhat Dissatisfied 1=Very Dissatisfied	NVI Survey, 2024	Resident satisfaction with the quality of their life is perhaps the strongest evidence of living in a "vital" neighborhood.
Residents reporting that they are able to purchase food	Residents who have rarely or never struggled to purchase food / Total respondents	During the past 12 months, about how often have you not had the resources to purchase the food you need?	5=Always 4=Usually 3=Sometimes 2=Rarely 1=Never	NVI Survey, 2024	Residents who are able to purchase food without concerns are more likely to enjoy a higher quality of life.
Residents reporting they are able to pay their bills	Residents who have not struggled to pay their bills and have not had utilities threatened for shutoff / Total respondents	During the past 12 months... (1) was there a time when you were not able to pay your mortgage, rent or utility bills? (2) was there a time when an electric, gas, oil, or water company threatened to shut off services?	1=Yes 2=No	NVI Survey, 2024	Residents who aren't facing financial pressures and stresses like utility shutoffs are more likely to enjoy a higher quality of life.
Residents reporting that their current housing needs are being met	Residents reporting they strongly or somewhat agree that their current housing needs are being met / Total respondents	Please indicate your level of agreement with the following statements about your current housing situation. My current housing meets my needs today	5=Strongly Agree 4=Somewhat Agree 3=Neither Agree nor Disagree 2=Somewhat Disagree 1=Strongly Disagree	NVI Survey, 2024	Stable, secure, and sufficient housing is a critical component to ensuring a high quality of life.
Residents reporting they are satisfied with the overall condition of housing in their neighborhood.	Residents reporting satisfaction (very or somewhat satisfied) with the overall condition of housing in their neighborhoods / Total respondents	Please indicate how satisfied you are with each of the following aspects of your neighborhood: The condition of housing in your neighborhood	5=Very Satisfied 4=Somewhat Satisfied 3=Neither Satisfied or Dissatisfied 2=Somewhat Dissatisfied 1=Very Dissatisfied	NVI Survey, 2024	Residents who are satisfied with the condition of housing in their neighborhood are more likely to stay in the neighborhood, contributing to its long-term vitality.
Residents reporting that their current housing will meet their needs for the next 10 years	Residents who strongly or somewhat agree that their current housing will meet their needs for the next 10 years / Total respondents	Please indicate your level of agreement with the following statements about your current housing situation. My current housing will meet my anticipated needs for the next 10 years	5=Strongly Agree 4=Somewhat Agree 3=Neither Agree nor Disagree 2=Somewhat Disagree 1=Strongly Disagree	NVI Survey, 2024	This indicates whether residents may have longer-term plans to stay in the neighborhood, which would in turn contribute positively to social cohesion and vitality in that neighborhood.
Residents who report that they get the social and emotional support they need	Residents reporting satisfaction (very or somewhat satisfied) with the social and emotional support they receive / Total respondents	How satisfied are you currently with... The social and emotional support you get from friends and family?	5=Very Satisfied 4=Somewhat Satisfied 3=Neither Satisfied or Dissatisfied 2=Somewhat Dissatisfied 1=Very Dissatisfied	NVI Survey, 2024	Residents that can access social and emotional support are more likely to contribute to a neighborhood's social cohesion.

## QUALITY OF LIFE CONTINUED

Indicator Name	Definition/Calculation	Survey Question(s)	Survey Answer Options	Data Source	Why It Matters
Residents who are satisfied with their physical and mental health	Residents reporting satisfaction (very or somewhat satisfied) with their physical and mental health / Total respondents	How satisfied are you currently with... (1) Your physical health (2) Your mental health?	5=Very Satisfied 4=Somewhat Satisfied 3=Neither Satisfied or Dissatisfied 2=Somewhat Dissatisfied 1=Very Dissatisfied	NVI Survey, 2024	In order to enjoy a high quality of life as part of a vital neighborhood, residents should be able to be satisfied with their physical, mental, and emotional health.
Residents reporting they feel safe in their neighborhood	Residents reporting that they feel very or somewhat safe in their neighborhood / Total respondents	Thinking about your neighborhood, how safe do you feel you are... in your neighborhood	4=Very Safe 3=Somewhat Safe 2=Not Very Safe 1=Not Safe At All 0=Don't Know	NVI Survey, 2024	Residents often perceive crime and safety in their neighborhood very differently from what is reflected in reported data, and these perceptions are just as important (if not more so) to their long-term decision-making.
Residents reporting that they feel safe in public spaces	Residents that strongly or somewhat agree they feel safe in public spaces / Total respondents	Thinking about your neighborhood, how safe do you feel you are... in public spaces, such as parks or recreational facilities	4=Very Safe 3=Somewhat Safe 2=Not Very Safe 1=Not Safe At All 0=Don't Know	NVI Survey, 2024	This indicator identifies resident perception of safety in public spaces, which can also impact their use and enjoyment of those spaces.
Residents who are satisfied with access to health-related amenities in their neighborhood	Residents reporting satisfaction (very or somewhat satisfied) with access to health-related amenities in their neighborhood / Total respondents	Please indicate how satisfied you are with access to the following aspects of health-related amenities or healthy opportunities in your neighborhood: (1) Access to quality medical care; (2) Access to quality mental health services; (3) Access to places to be active; (4) Access to fresh healthy food	5=Very Satisfied 4=Somewhat Satisfied 3=Neither Satisfied or Dissatisfied 2=Somewhat Dissatisfied 1=Very Dissatisfied 0=Don't Know	NVI Survey, 2024	Easy access to health-related amenities (primary doctors, urgent cares, etc.) is really important for people to be able to maintain a high quality of life in a neighborhood.
Residents who are satisfied with access to quality public/charter schools in their neighborhood	Residents reporting satisfaction (very or somewhat satisfied) with access to quality public/charter schools in their neighborhood / Total respondents	Please indicate how satisfied you are with access to the following resources and amenities in your neighborhood: Access to quality K-12 public/charter schools in your neighborhood.	5=Very Satisfied 4=Somewhat Satisfied 3=Neither Satisfied or Dissatisfied 2=Somewhat Dissatisfied 1=Very Dissatisfied 0=Don't Know	NVI Survey, 2024	Access to quality, tuition-free schools (public or charter) is a very important factor for families in deciding where to live long-term.
Residents who are satisfied with access to quality parks and green spaces in their neighborhood	Residents reporting satisfaction (very or somewhat satisfied) with access to quality parks, playgrounds, and public spaces in their neighborhoods / Total respondents	Please indicate how satisfied you are with access to the following resources and amenities in your neighborhood: Access to quality parks, playgrounds and public spaces in your neighborhood	5=Very Satisfied 4=Somewhat Satisfied 3=Neither Satisfied or Dissatisfied 2=Somewhat Dissatisfied 1=Very Dissatisfied 0=Don't Know	NVI Survey, 2024	Quality parks and green spaces provide local opportunities for residents to get exercise, be outside, and have fun, and can greatly improve their quality of life.



## QUALITY OF LIFE CONTINUED

Indicator Name	Definition/Calculation	Survey Question(s)	Survey Answer Options	Data Source	Why It Matters
Residents who are satisfied with retail and service amenities in their neighborhood	Residents reporting satisfaction (very or somewhat satisfied) with retail and service amenities in their neighborhoods / Total respondents	Please indicate how satisfied you are with access to the following resources and amenities in your neighborhood: Access to amenities such as retail and services in your neighborhood	5=Very Satisfied 4=Somewhat Satisfied 3=Neither Satisfied or Dissatisfied 2=Somewhat Dissatisfied 1=Very Dissatisfied 0=Don't Know	NVI Survey, 2024	Local retail and service amenities provide residents with more convenient and accessible shopping options, and help to keep more money in a neighborhood.
Violent crime rate per 10,000 residents	Number of violent crimes (using FBI definition, see source) / Total population * 10,000			Detroit Police Department RMS Crime Incidents, 2024; Federal Bureau of Investigation Uniform Crime Reporting definition of violent crime	While imperfect, measuring the rate of reported violent crimes provides an insight into public safety in the neighborhood.
Automobile crashes per 10,000 residents	Automobile crashes / Total population * 10,000			SEMCOG, 2024	As Detroit is a car-centric city, the number of automobile crashes per 10,000 residents is a key contributor to residents' feelings of safety in their neighborhood.
Pedestrian- or bicyclist-involved vehicle crashes per 10,000 residents	Pedestrian- or cyclist-involved vehicle crashes / Total population * 10,000			SEMCOG, 2024	Pedestrian and bicyclist-involved crashes are also key identifiers of safety and quality of life in a neighborhood - in areas where these numbers are higher, residents will likely feel more constraints on their quality of life.
Herfindahl index of income diversity	$1 - \text{SUM}((\% \text{ households earning less than } \$25k)^2 + (\% \text{ households earning } \$25k - \$75k)^2 + (\% \text{ households earning more than } \$75k)^2)$			American Community Survey, 5-Year Estimates, 2019-2023, Table B19001	Neighborhoods with greater diversity of incomes tend to be more resilient and create better outcomes for their residents than neighborhoods with concentrations of poverty or extreme wealth.

## EQUITY IMPACT

Indicator Name	Definition/Calculation	Survey Question(s)	Survey Answer Options	Data Source	Why It Matters
Residents who have not been impacted by neighborhood environmental health issues	Residents who have not been impacted by neighborhood environmental health issues / Total respondents	For each of the environmental health issues listed below, please indicate how you would describe the extent that this issue has been a problem for you and/or your neighborhood during the past 12 months? (1) Illegal dumping; (2) air pollution; (3) lead; (4) stray dogs; (5) flooding; (6) water quality; (7) heat; (8) power outages; (9) brownfields	0=Severe 1=Major 2=Moderate 3=Minor 4=Insignificant/Not a Problem	NVI Survey, 2024	Environmental factors (air pollution, noise pollution, water pollution) can disproportionately affect certain neighborhoods, and can substantially lower residents' quality of life.
Residents who have not been impacted by crime	Residents who have not been impacted by crime or had family members impacted by crime / Total respondents	Please indicate the best answer for the following questions. Have you, or a family member, been a victim of crime in your neighborhood?	1=Yes 2=No 0=Don't Know	NVI Survey, 2024	Victims of crime may experience immediate and/or longer-term physical and mental harm with resulting impacts on quality of life.
Residents who would not hesitate to report a crime	Residents who wouldn't hesitate to report crime / Total respondents	Would any of the reasons below cause you to hesitate or avoid reporting crime? Select all that apply.	1=General distrust of law enforcement 2=Concern that I won't be taken seriously, or no action will be taken 3=Fear of retaliation 4=Risk of consequences from immigration (such as deportation) 5=Other 6=I would not hesitate or avoid reporting crime	NVI Survey, 2024	Resident willingness to report crime is a powerful measure of trust in local police departments.
Residents who do not have a family member who has been incarcerated in the last three years	Residents reporting that a family member has not been incarcerated in the last 3 years / Total respondents	Do you have a family member who is or has been incarcerated in the last 3 years?	1=Yes 2=No 0=Don't Know	NVI Survey, 2024	Families that experience incarceration face many more challenges to accessing opportunities and maintaining quality of life than those who do not.
Residents who do not have a family member who has been impacted or harmed by the bail system in the last 12 months	Residents reporting that a family member has not been impacted or harmed by the bail system in the last 12 months	During the past 12 months, have you or a family member been negatively impacted or harmed by any of the following? Bail System	1=Yes 2=No 0=Don't Know	NVI Survey, 2024	As with crime, families that have interacted with the bail system face greater barriers to opportunities than those who do not.
Residents reporting that opportunities for Blacks, Latinos, and Other People of Color to advance or get ahead are improving	Residents reporting that opportunities for Blacks, Latinos and other people of color to advance or get ahead are improving / Total respondents	To what extent do you agree that opportunities for Black, Latino and other people of color to get ahead are improving in Detroit?	5=Strongly Agree 4=Agree 3=Neither Agree or Disagree 2=Disagree 1=Strongly Disagree	NVI Survey, 2024	Opportunity in Detroit (and America) is not equal across race and ethnicity, so this indicator assesses whether opportunities for all of Detroit's residents (or only some) are improving.

## EQUITY IMPACT CONTINUED

Indicator Name	Definition/Calculation	Survey Question(s)	Survey Answer Options	Data Source	Why It Matters
Residents reporting that they are treated the same as people of other races at work	Residents reporting that they are treated the same as other races at work / Total respondents	Within the past 12 months at work, do you feel you were treated...	1=Worse than other races 2=The same as other races 3=Better than other races 4=Worse than some races but better than others	NVI Survey, 2024	Workplace discrimination can be commonplace, so this indicator measures whether people face equity and discrimination issues in their workplace that could affect their quality of life.
Residents reporting that they are treated the same as people of other races when seeking health care	Residents reporting that they are treated the same as other races when seeking health care / Total respondents	Within the past 12 months when seeking health care, do you feel you were treated...	1=Worse than other races 2=The same as other races 3=Better than other races 4=Worse than some races but better than others	NVI Survey, 2024	Discrimination is also commonplace in health care, so this indicator measures whether people face equity and discrimination issues that could affect their health.
Residents whose employment situation is the same or better than before COVID-19	Residents whose employment situation is the same or better since before COVID-19 / Total respondents	How is your employment situation now, compared to before COVID-19? Is it...	5=Much better 4=Somewhat better 3=About the same 2=Somewhat worse 1=Much worse 9=Don't know/Not sure	NVI Survey, 2024	Residents who were not as adversely affected by the pandemic may be better-positioned to weather future crises, while those who were strongly affected by it might more support to get back on their feet.
Residents reporting access to home internet service	Residents reporting they have access to the internet at home / Total respondents	Do you have access to the internet at home? Please check all that apply.	1=Yes, I can access the internet at home using a mobile data plan (on my cell phone or via hotspot) 2=Yes, I can access the internet at home using my home internet service 3=Yes, I can access the internet at home but I'm unsure which of these apply 4=Yes, I can access the internet at home but I need assistance from a friend or family member to do so 5=No, I cannot access the internet at home	NVI Survey, 2024	Access to the internet is the foundation of access to opportunity in the modern world.

## EQUITY IMPACT CONTINUED

Indicator Name	Definition/Calculation	Survey Question(s)	Survey Answer Options	Data Source	Why It Matters
Residents reporting they don't have any issues using the internet or devices	Residents reporting no issues using the internet or devices / Total respondents	Have any of the following issues prevented you from using the internet or a device? Please check all that apply.	1=Cost of device 2=Cost of internet 3=Slow internet connection 4=Devices that don't work well 5=Having to share a device 6=Physical difficulty using the device (e.g. the screen is too small to read) 7=Lack of confidence in my ability to use the device or how to use the internet 8=No, none of these issues have prevented me from using the internet or a device	NVI Survey, 2024	Along with accessing it, it's also important for people to know how to use the internet and technology devices in order to succeed in today's job markets.
Residents reporting they don't have concerns about using a computer or digital devices	Residents reporting they have no concerns using a computer or digital device / Total respondents	Do you have any of the following concerns about using a computer or digital devices? Please select all that apply.	1=Concerns about my ability to protect personal information online 2=Concerns about protecting my financial information 3=Worries about online security or cyber threats 4=Fear of being hacked or getting a virus 5=Worries about tracking and surveillance by companies 6=Worries about tracking and surveillance by the government 7=Concerns about being able to determine if online content is real 8=I do not have any of these concerns	NVI Survey, 2024	Along with accessing it, it's also important for people to know how to use the internet and technology devices in order to succeed in today's job markets.

## YOUTH QUALITY OF LIFE

Indicator Name	Definition/Calculation	Survey Question(s)	Survey Answer Options	Data Source	Why It Matters
Residents reporting they have not missed medical appointments, work, or other daily activities due to lack of childcare	Residents reporting they have not missed appointments, work, or other daily activities due to lack of childcare / Respondents with children in the household	During the past 12 months, about how often has a lack of childcare kept you from medical appointments, meetings, work, or from getting things needed for daily living?	5=Always 4=Often 3=Sometimes 2=Rarely 1=Never	NVI Survey, 2024	Childcare is a major barrier that families face when trying to access jobs, medical care, and other critical components of neighborhood vitality.
Residents reporting at least person under age 18 participated in community-building, social justice, and/or leadership activities	Residents reporting at least one person under age 18 in their household participated in community-building, social justice and/or leadership activities in the last 12 months / Respondents with children in the household	Thinking about the youth (under 18) in your household. In the last 12 months... Youth (under 18) in my household have participated in community-building, social justice, and/or leadership activities.	1=Yes 2=No	NVI Survey, 2024	Youth who feel more connected to their community are more likely to succeed in the future, as well as to stay in Detroit long-term.
Residents reporting people under age 18 are safe in their neighborhood	Residents reporting (strongly or somewhat agree) the people under age 18 in their household are safe in this neighborhood / Respondents with children in the household	Thinking about the young people under the age of 18 in your household, how safe do you feel they are... in this neighborhood	4=Very Safe 3=Somewhat Safe 2=Not Very Safe 1=Not Safe At All 0=Don't Know	NVI Survey, 2024	Youth experience neighborhoods very differently than adults, and safe spaces for youth are critical to their healthy growth and development.
Residents reporting that people under age 18 are safe in public spaces	Residents reporting (strongly or somewhat agree) the people under age 18 in their household are safe in public spaces / Respondents with children in the household	Thinking about the young people under the age of 18 in your household, how safe do you feel they are... in public spaces, such as parks or recreational facilities	4=Very Safe 3=Somewhat Safe 2=Not Very Safe 1=Not Safe At All 0=Don't Know	NVI Survey, 2024	Youth experience neighborhoods very differently than adults, and safe public spaces for youth are critical to their healthy growth and development.
Residents reporting that people under 18 have access to quality recreational programs	Residents reporting (strongly or somewhat agree) the people under age 18 in their household have access to quality recreational programs. / Respondents with children in the household	The children in my home have access to quality recreational programs.	5=Strongly Agree 4=Somewhat Agree 3=Neither Agree or Disagree 2=Somewhat Disagree 1=Strongly Disagree	NVI Survey, 2024	Quality recreational programs are a critical component of youth quality of life and access to opportunity.
Residents reporting at least one person under age 18 participated in out-of-school programs in the last twelve months	Residents reporting at least one person under age 18 participated in out-of-school programs in the last 12 months / Respondents with children in the household	Thinking about the youth (under 18) in your household. In the last 12 months... Youth (under 18) in my household have enrolled in Detroit-based out of school programming, such as recreational programs, tutoring, sports teams, etc.	1=Yes 2=No	NVI Survey, 2024	Quality recreational programs are a critical component of youth quality of life and access to opportunity.
Residents ages 16-19 employed or actively looking for employment	Residents 16-19 employed or actively looking for employment / Population ages 16-19			American Community Survey, 5-Year Estimates, 2019-2023, Table B23001	Youth participating in the labor force are more likely to be connected to resources and support systems.