



STARFISH
FAMILY SERVICES

STARFISH FAMILY SERVICES COMMUNITY NEEDS ASSESSMENT

2021



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STARFISH FAMILY SERVICES

Our Mission

Strengthening families to create brighter futures for children.

Our Vision

A just society in which all children, families, and communities have equitable opportunities to grow, learn, and thrive.

Who We Are

Founded in 1963, Starfish Family Services is a nonprofit human service agency, recognized as a champion for children and families across metro Detroit who have limited access to essential resources such as education, healthcare, and economic opportunities. Serving over 4,000 children and their families annually, we provide high-quality programs and support services that focus on early childhood education and development, behavioral health wellness, and empowered parents. Through our holistic approach, Starfish partners with families so they have access to the right resources at the right time.



STARFISH FAMILY SERVICES

Our Values

COMMITTED

Every day, through our actions, words, and energy, we show our steadfast dedication to the mission of Starfish. We see challenges and an opportunity for growth and creativity, and we will be an unwavering and courageous ally for families and children.

EQUITY

We work to confront and dismantle systemic, structural, and interpersonal privileges, biases, barriers, and inequities by ensuring all children, families, employees, and communities have the resources needed to prosper.

REFLECTIVE

We prioritize time spent learning and understanding the impact and influence of our identities, emotions, and viewpoints in the success and evolution of our work and mission.

INTEGRITY

We will keep our promises and be responsible for the impact of our words and actions as individuals, and as an organization. We will generate and steward trust by being honest, transparent, and accountable.



EMPOWERED

We believe that everyone has strengths, resilience, value, and power. Together, we will support families, children, and employees to grow their self-awareness, develop an influential voice, have confidence, and make use of their full potential.

TEAMWORK

We believe in a culture where working together to achieve our mission and goals is essential. This environment values collaboration, fosters creativity, and builds a community where employees, families, and partners balance productivity with celebration and fun.

RELATIONSHIPS

We know that connection is at the heart of our mission and integral to our success as we partner with families and the community. We will always show respect for one another and foster open communications. Healthy relationships are essential for establishing safety, supporting growth, and breaking the cycles of bias and inequity.

HOW DO WE CARRY OUT OUR MISSION?

Blueprint For Brighter Futures

The Starfish Blueprint for Brighter Futures is an integrated strategy that articulates and defines a holistic approach for children and families to thrive. It will steer our course so that we are aligned as One Starfish to ensure three primary outcomes: Healthy Families, Successful Students, and Empowered Families.

HEALTHY FAMILIES

Families are supported so their physical and mental health needs are holistically addressed.

SUCCESSFUL STUDENTS

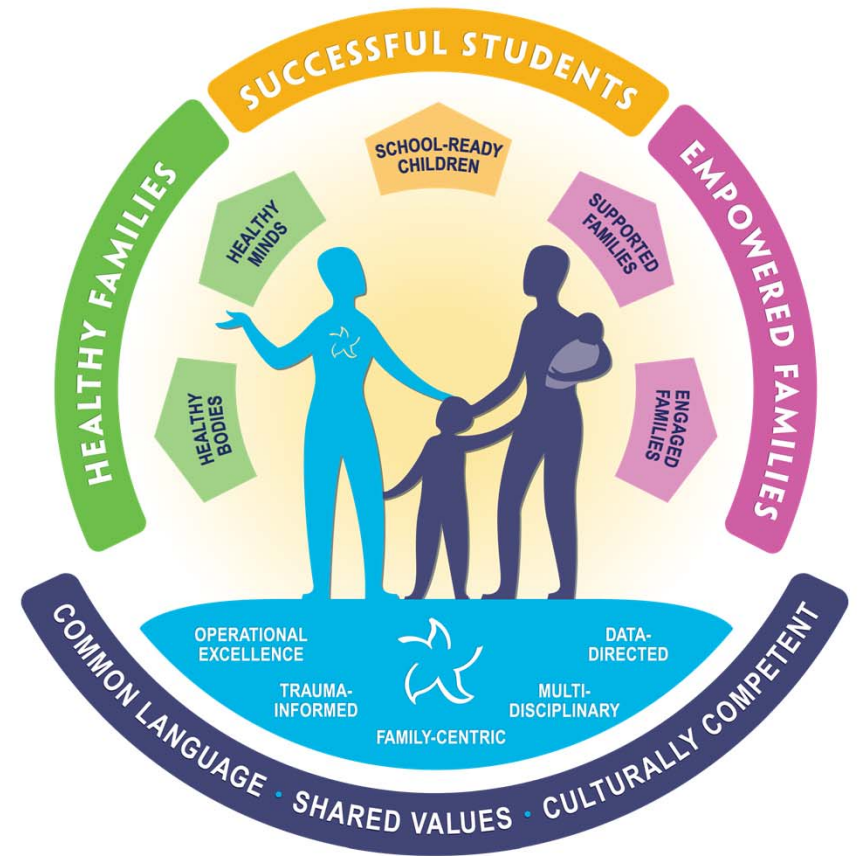
Academic and social success are achieved through high quality early childhood education and addressing behavioral health needs.

EMPOWERED FAMILIES

Families actively partner with us to identify and achieve goals; parents and children always have a voice at Starfish.

WHY DO WE NEED A BLUEPRINT?

With 16 centers across Wayne County, our reach continues to grow. And as we grow, it's important for us to ensure that the way we collaborate is innovative, mindful, consistent, but creatively flexible, sustainable, and ultimately leads to even brighter futures for our children and families.



HOW DO WE CARRY OUT OUR MISSION?

Five core components serve as our foundation strengthened by COMMON LANGUAGE, SHARED VALUES, & CULTURAL COMPETENCE

OPERATIONAL EXCELLENCE

Starfish has sustainable funding; high-quality, credentialed staff; equitable and inclusive practices; safe, welcoming buildings; systems for continuous quality improvement; and an engaged and invested leadership and board.

TRAUMA-INFORMED

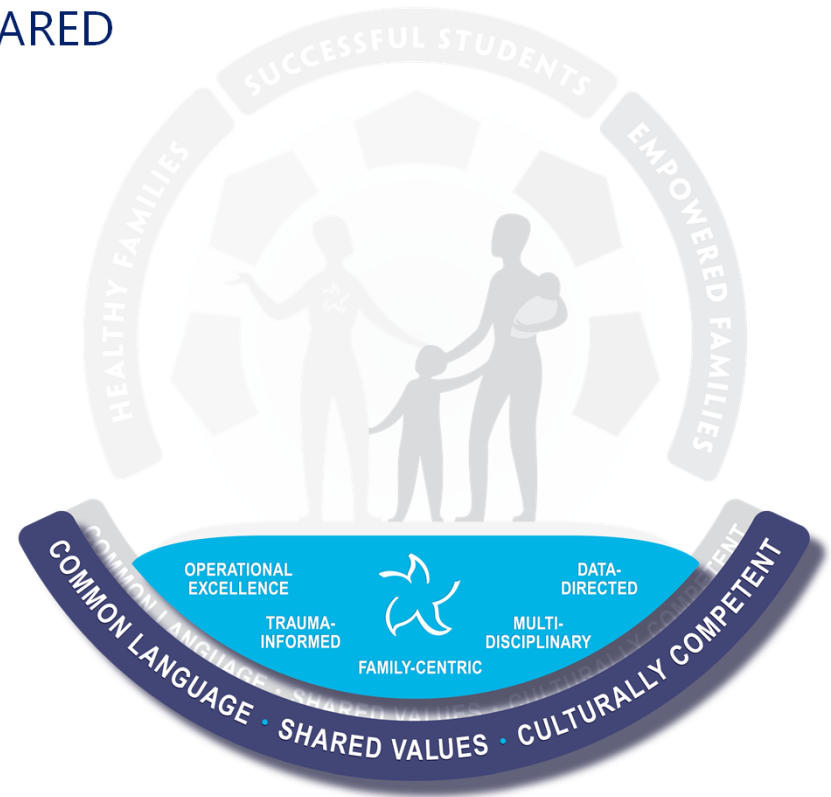
Starfish incorporates a culture of trauma care into every aspect of our work. Traumatic events can affect behaviors in the here and now and impact a child or parent's future life and well-being. We work to help children and families through past traumas with trauma-informed care and compassion.

FAMILY-CENTRIC

The culture at Starfish values all parents, and we proactively collaborate to serve and support them. Starfish parents are active decision makers; for example, serving as board members and on policy councils.

MULTI-DISCIPLINARY

Services throughout Starfish are understood by all staff members and are promoted across departments and between specialties. This allows us the flexibility and creativity to use all resources to best address family needs and challenges.



DATA-DIRECTED

Data generated from internal program outcomes and external research and resources is used to evaluate and make improvements. Data is connected throughout the agency, enabling seamless information sharing across programs and services.

HOW DO WE CARRY OUT OUR MISSION?

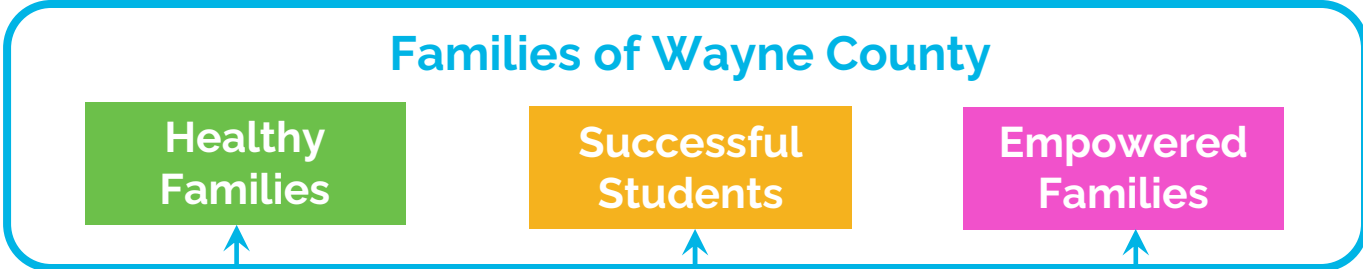
OUR ULTIMATE VISION AND PURPOSE

OUR CONTRIBUTION TO THE VISION
Indicators of Family Outcomes

OUR CORE SERVICES (INTERVENTIONS)
Indicators of Effective Practice

OUR PRIORITY STRATEGIES
Indicators of Organizational Effectiveness

We envision a just society in which all children, families, and communities have equitable opportunities to grow, learn, and thrive.



- OUR THEORY OF CHANGE**
- Engage families
 - Build trusting and supportive relationships
 - Offer high-quality, multi-disciplinary service experience

SOCIAL JUSTICE AND EQUITY	TALENT ATTRACTION, DEVELOPMENT, AND RETENTION	LEADERSHIP DIVERSITY AND COMPETENCY	CULTURE OF PHILANTHROPY	DATA-DRIVEN DECISION-MAKING	FACILITIES	PARTNERSHIPS	POLICY ADVOCACY
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Executive Summary



For nearly 60 years, Starfish has been strengthening families to create brighter futures for children and is recognized as a champion for children and families across metro Detroit. Through our holistic approach, Starfish partners with families so they have access to the right resources at the right time. A comprehensive community needs assessment is a pivotal tool used by Starfish to determine areas where Starfish can be responsive to the needs of the community and how we can continue to impact our service areas.

The needs of children and families of color in Wayne County were further amplified by the COVID-19 pandemic. Communities of color were disproportionately impacted by the pandemic, experiencing much higher rates of infection and hospitalization. Additionally, COVID-19 has strained many of the systems families rely on to support their well-being. As we help families meet daily needs and ensure for the safety and stability of children, we must also work to dismantle broken systems, build new ones, and pursue lasting change.

This needs assessment provides a comprehensive overview of needs of our service community and identifies the ways Starfish could fill and address disparities that support the three main outcomes of well-being: **Healthy Families**, **Successful Students**, and **Empowered Families**.

INDICATORS

STARFISH COMMUNITY

- Race, Ethnicity, Age, Biological Sex, Language (Starfish Service Population and Wayne County Population)
- Population change over time
- Residence of Starfish service population
- Population mobility
- Typical work, training and school schedules

HEALTHY FAMILIES

- Access to adequate prenatal care
- Infant mortality
- Trauma prevalence
- Chronic illness prevalence
- Mental health care capacity
- Substance use disorder treatment
- Health care access barriers

SUCCESSFUL STUDENTS

- Educational Attainment
- Student to teacher ratio
- Per pupil spending
- School district expenditures by source
- 3rd Grade literacy rates and retention
- Number of children with disabilities
- Percent of children that receive Special Education or Early On services
- Number of childcare centers that serve 0-2 and 3-5-year-olds
- Number of childcare closures
- Childcare availability during nonstandard working hours

EMPOWERED FAMILIES

- Unemployment rate
- Median Incomes and poverty rates
- Homeownership rates
- Income to rent ratio
- Homelessness
- Transportation availability and access
- WIC, SNAP, Food Stamp Enrollment
- Food Insecurity

RECOMMENDATIONS

HEALTHY FAMILIES

IMPLEMENT STRATEGIC PARTNERSHIPS FOR COORDINATED CARE.

Due to the size and volume of health care providers in Wayne County, many families find it challenging to navigate the complex healthcare system to meet their family's needs. Starfish having a greater connection to adult mental health providers or other similar partnerships would better enable access to services for the whole family. Families are more likely to follow through on referrals to organizations they are familiar with.

EXPAND ACCESS TO BEHAVIORAL HEALTH SERVICES IN DETROIT.

COVID-19 significantly impacted clinical capacity of mental health providers in Wayne County, specifically for children. Starfish has also expanded its footprint in the City of Detroit, and now nearly 28% of the behavioral health clients Starfish serves are Detroit residents. Detroit residents currently travel to Western Wayne county to access center-based behavioral health services at Starfish or receive services in their homes.

SUCCESSFUL STUDENTS

ADVOCATE FOR INVESTMENT IN HIGH-QUALITY PUBLIC SCHOOLS.

The pillar of strong communities are thriving and well-funded public schools. Feedback from Starfish families echoes the urgent need to address inequities in public education across Wayne County communities.

EXPLORE FLEXIBLE CHILD CARE OFFERINGS TO SUPPORT WORKING CAREGIVERS.

Southwest Detroit is identified as an area with limited options for early learning for 0–5-year-olds. Additionally, caregivers in Southwest Detroit that work nonstandard hours need flexible and reliable childcare options that are available during evenings and weekends.

EMPOWERED FAMILIES

PROVIDE FINANCIAL AND WORKFORCE DEVELOPMENT RESOURCES.

Unemployment continues to be high following the COVID-19 pandemic, specifically in the City of Detroit. Targeted financial or workforce development resources in these communities are a notable need.

ADDRESS HEIGHTENED NEED FOR CAREGIVER SUPPORTS FOLLOWING COVID-19.

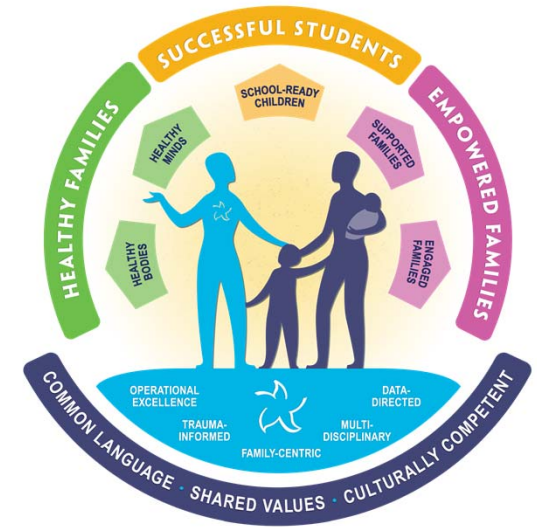
Families expressed the need for opportunities to connect with other caregivers. Programs that provide these resources were significantly impacted by the pandemic and are a vital resource to building community.

STARFISH OPPORTUNITY INDEX

While this Community Needs Assessment provides broad descriptions of areas in which Starfish serves, its true value lies in identifying specific communities that may have more “needs” than others. However, in following with the Starfish Blueprint for Brighter Futures service model, these needs are instead considered **opportunities** for Starfish to provide new or additional supports.

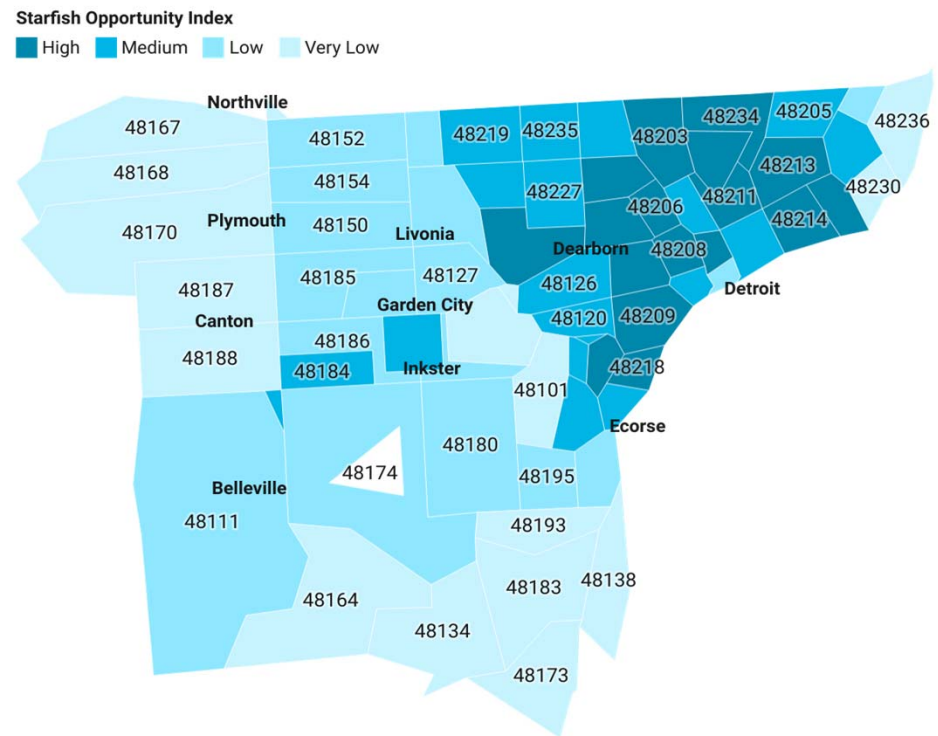
The Starfish Opportunity Index identifies Very Low to High opportunities for additional Starfish support for each Wayne County zip code. It is comprised of three sub-indices, centered around the three main outcomes of well-being: **Healthy Families**, **Successful Students**, and **Empowered Families**. Each section of the assessment ends with the results of the index for that specific outcome, highlighting top zip codes with highest opportunity (needs). These indices enables Starfish to **prioritize and customize** services and supports at the community level.

Overall, the Starfish Opportunity Index identified several Detroit area zip codes as High Opportunity for supports across all three Blueprint outcomes. **In total, 13% of the Starfish service population resides in a High Opportunity area.**



High Opportunity Zip Codes

Zip Code	City
48210	Detroit
48211	Detroit
48209	Detroit
48212	Hamtramck, Detroit
48201	Detroit
48204	Detroit
48203	Detroit, Highland Park
48208	Detroit
48217	Detroit
48215	Detroit
48206	Detroit
48238	Detroit
48213	Detroit
48218	River Rouge
48214	Detroit
48228	Detroit
48234	Detroit



Source: Census American Community Survey (2019, 5 year Estimates Tables DP02, DP03, DP04). Center for Disease Control and Prevention (2017-2018, BRFSS Prevalence & Trends Data). National Center for Education Statistics, Common Core of Data. Total Expenditures per Pupil (V33) 2017-18. Great Start to Quality (2021). • Created with Datawrapper



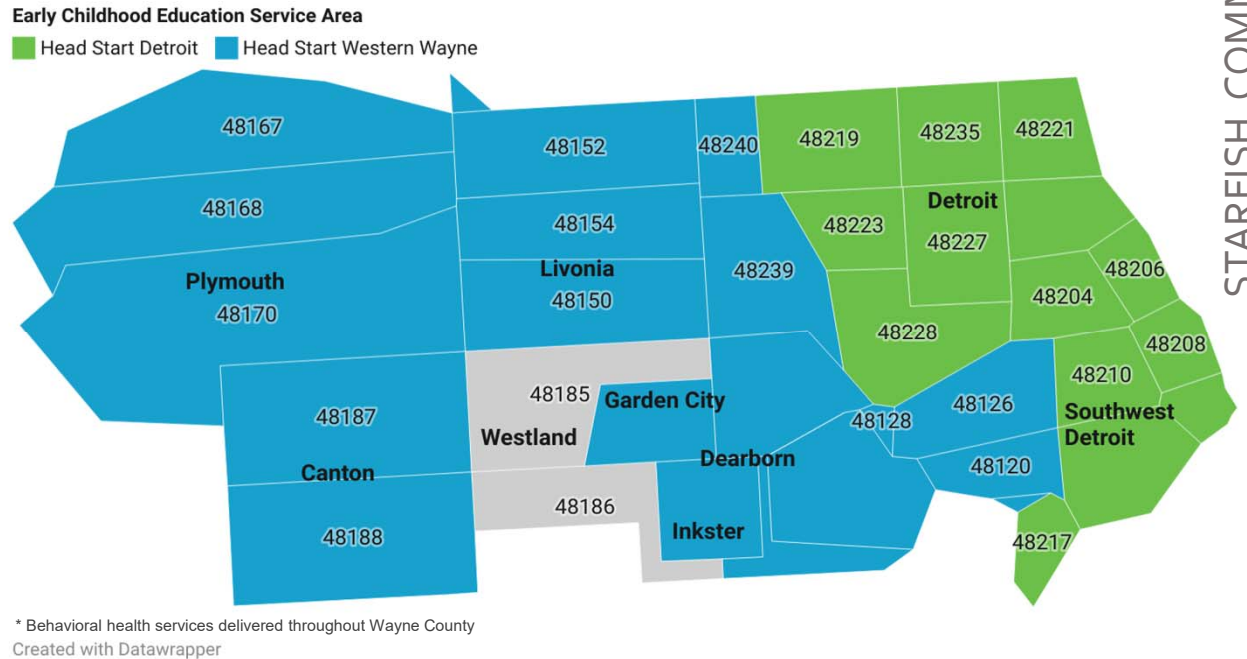
WHO IS THE **STARFISH COMMUNITY?**

WHAT ARE THEIR **STRENGTHS?**

WHO IS THE STARFISH COMMUNITY? WHAT ARE THEIR STRENGTHS?

Starfish Family Services serves approximately 4,000 children, youth, and young adults each year across 16 locations in Wayne County, Michigan. Starfish has behavioral health clinics in Livonia, Westland, Dearborn, and Inkster, and Early Learning Centers across Western Wayne County and Detroit. The Wayne County communities in Starfish's primary service area are outlined in the map to the right.

The largest communities in our service area include the cities of Detroit, Dearborn, and Dearborn Heights. Since 2010, Wayne County has experienced a 4% reduction in total population and specifically, the City of Detroit experienced the largest population decrease among the cities in Wayne County (11%).



STARFISH COMMUNITY

INDICATORS

- Race, Ethnicity, Age, Biological Sex, Language (Starfish Service Population and Wayne County Population)
- Population change over time
- Residence of Starfish service population
- Population mobility
- Typical work, training and school schedules

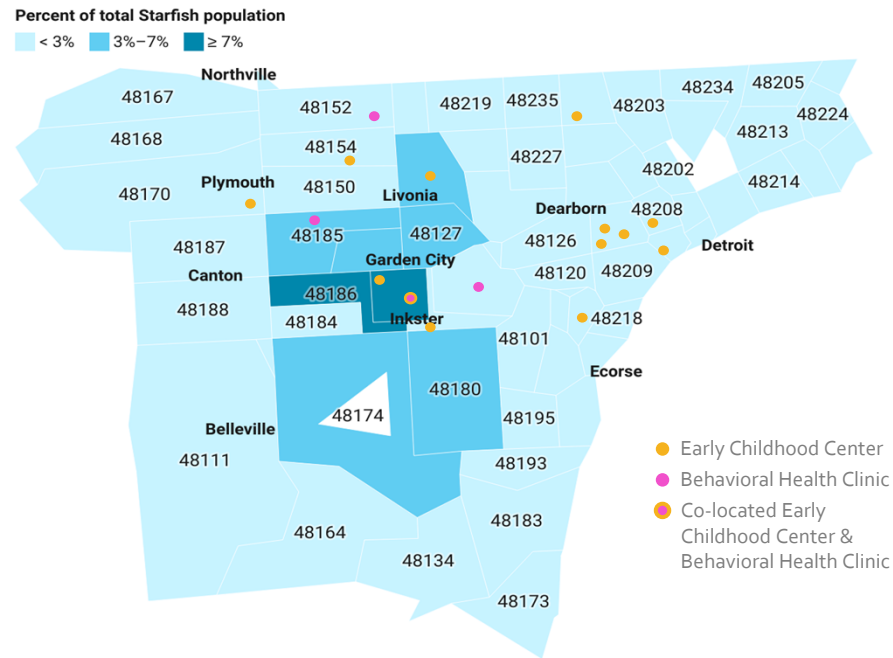
Service Population Profile

AREAS OF RESIDENCE

While Starfish provides early childhood education programming to specific areas of Western Wayne County and Detroit, children and families served through our behavioral health programming come from nearly all cities in Wayne County. The highest density of Starfish families reside in the communities of Detroit (23%), Westland (12%), Inkster (10%) and Dearborn Heights (6%). At the zip code level, nearly 20% of the Starfish population live in the Inkster (48141, 10%) and Westland (48186, 7%) zip codes combined.

Starfish families are concentrated in the areas with behavioral health and co-located **service locations**

Population density of Starfish service population

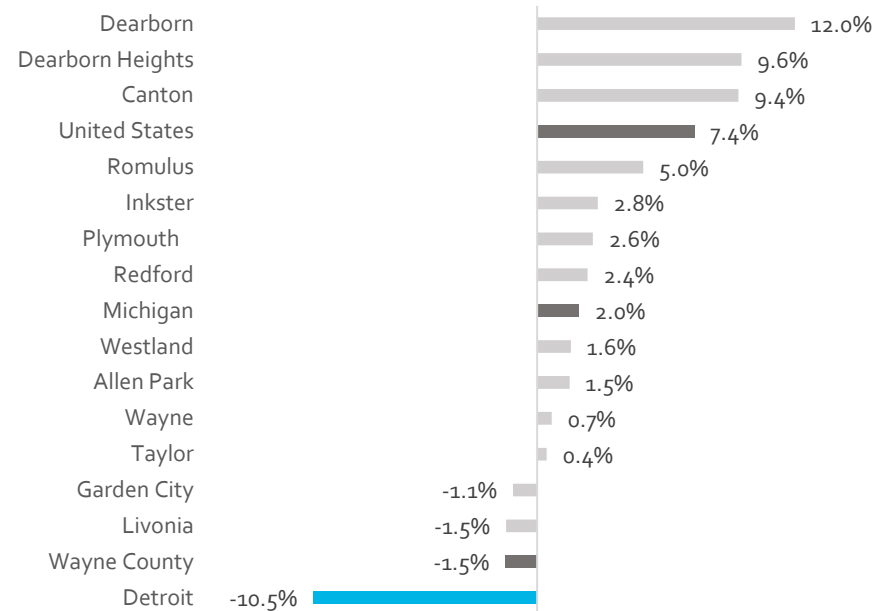


Source: Starfish Family Services (July 2021). Internal Starfish Service Population Demographics Report. Unpublished. Created with Datawrapper

Many communities in Wayne County have experienced significant population growth over the last ten years. Specifically, the population in Dearborn Heights grew by 12% while the population in Detroit experienced a nearly 11% decline.

Detroit experienced **substantial population decline** between 2010-2020

Percent Population change from 2010-2020



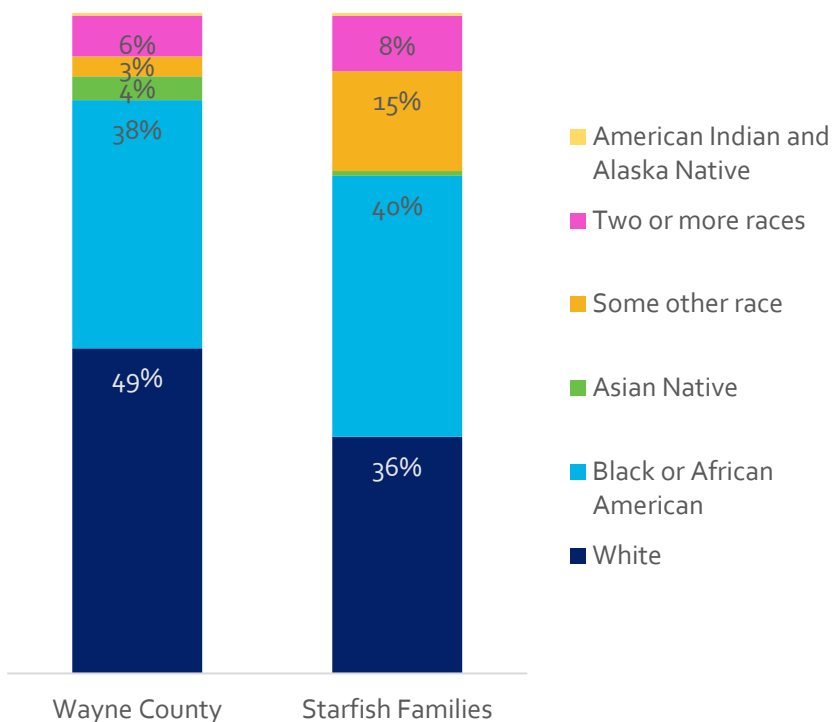
Source: Census Redistricting Data (Public Law 94-171) (2021, Race and Ethnicity in the United States: 2010 Census and 2020 Census)

RACE & ETHNICITY

Starfish Family Services' communities are racially and ethnically diverse, however, differ from Wayne County at large. Though the percentage of Black or African Americans served by Starfish Family Services is representative of the county (40%), significantly less White families (36%) and significantly more communities of color (24%) receive services than the general population.

Starfish serves a **higher proportion of communities of color** compared to the proportion in Wayne County

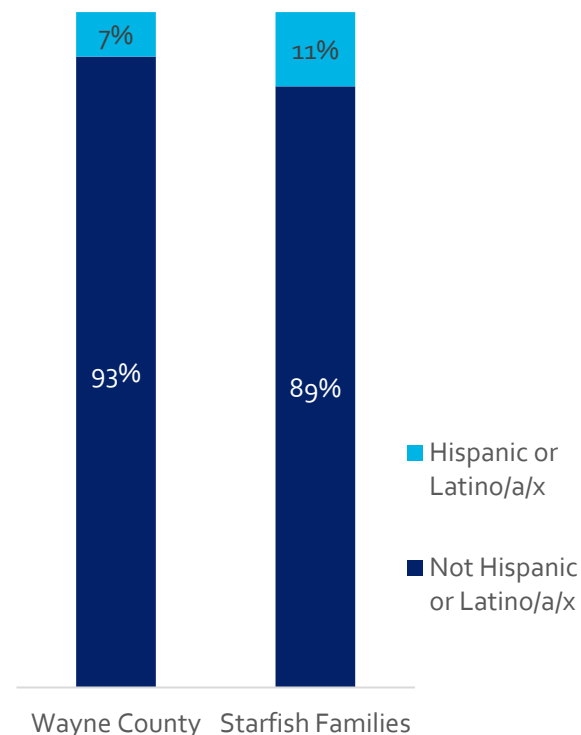
Percent of Population by Race 2020



Sources: Census 2020. Starfish Family Services (July 2021). Internal Starfish Service Population Demographics Report. Unpublished.

Starfish serves a **higher proportion of Hispanic or Latino/a/x individuals** compared to the proportion in Wayne County

Percent of Population by Ethnicity 2020



Sources: Census 2020. Starfish Family Services (July 2021). Internal Starfish Service Population Demographics Report. Unpublished.

HOW COULD STARFISH SUPPORT?
Offer more programming specific to Latinx families.

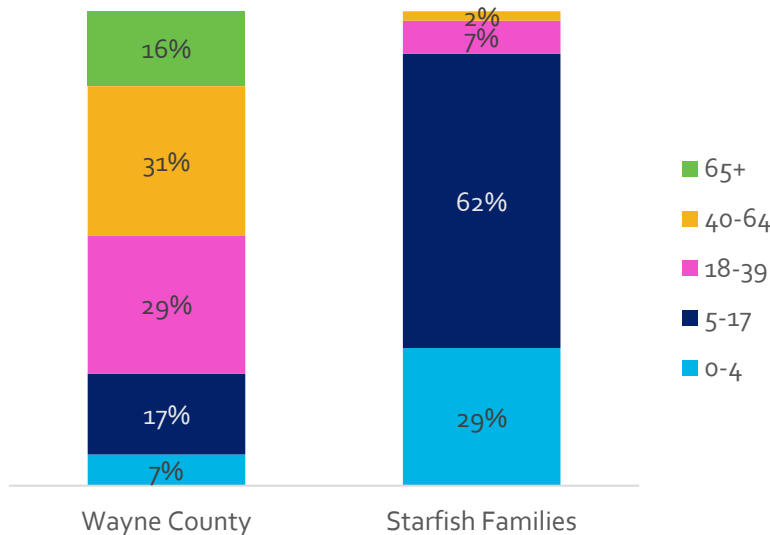
AGE & BIOLOGICAL SEX

As shown in the graph below, the population served by Starfish Family Services skews much younger than the population of Wayne County, with only 9% of Starfish participants aged over 18. This is driven largely by early childhood and youth-based services.

Of those served by Starfish, more than half are male, in contrast to the larger Wayne County population, as shown in the graph to the right. However, while those aged under 18 are majority male (58%), those aged over 18 and receiving services from Starfish are nearly 90% female, as shown in the bottom right.

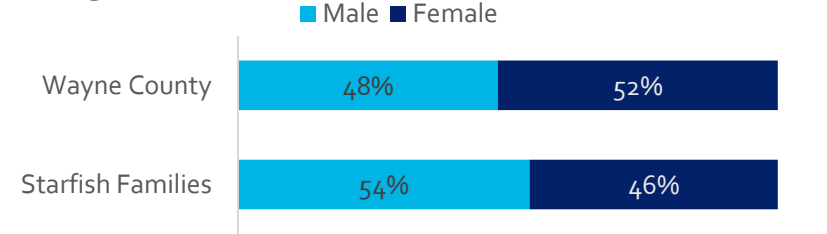
More than half of Starfish clients are children and youth, in contrast to the age distribution in Wayne County

Percent of Wayne County and Starfish Service Population by Age 2020



Sources: Starfish Family Services (July 2021). Internal Starfish Service Population Demographics Report. Unpublished.

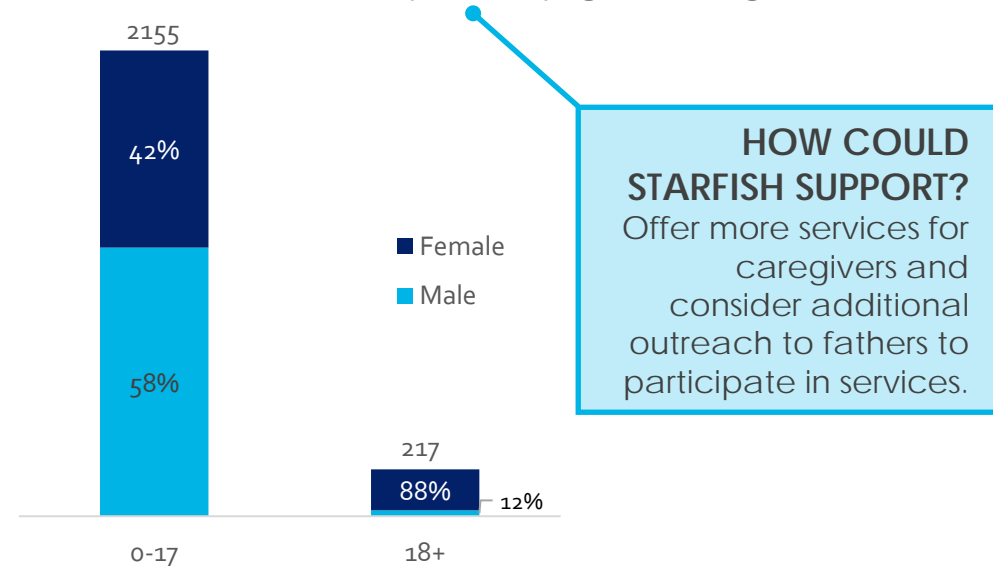
More than half of Starfish clients are male, in contrast to the distribution in Wayne County



Sources: Census American Community Survey (2019, 5 year Estimate Table B02003) Starfish Family Services (July 2021). Internal Starfish Service Population Demographics Report. Unpublished.

Starfish serves a greater proportion of male children while serving a greater proportion of female adults

Percent of Starfish Service Population by Age and Biological Sex 2020



HOW COULD STARFISH SUPPORT?
Offer more services for caregivers and consider additional outreach to fathers to participate in services.

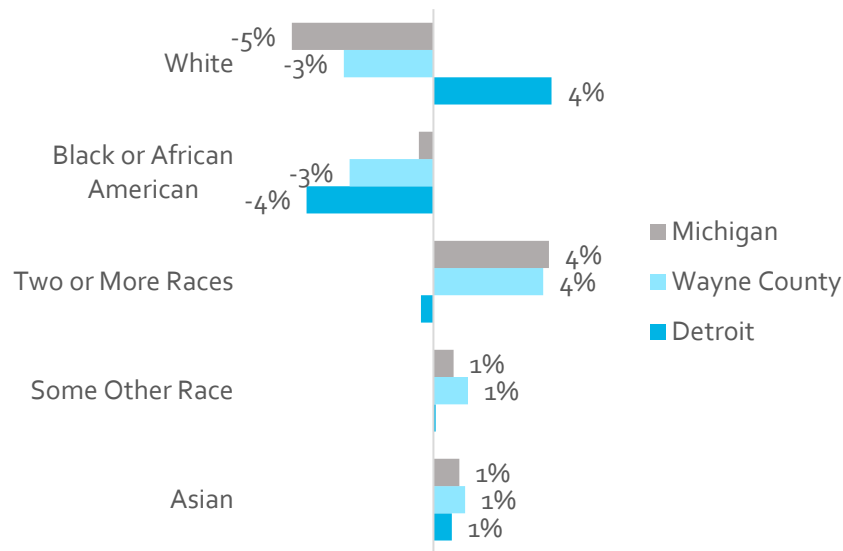
Sources: Census American Community Survey (2019, 5 year Estimate Table B02003) Starfish Family Services (July 2021). Internal Starfish Service Population Demographics Report. Unpublished.

Community Demographics

RACE

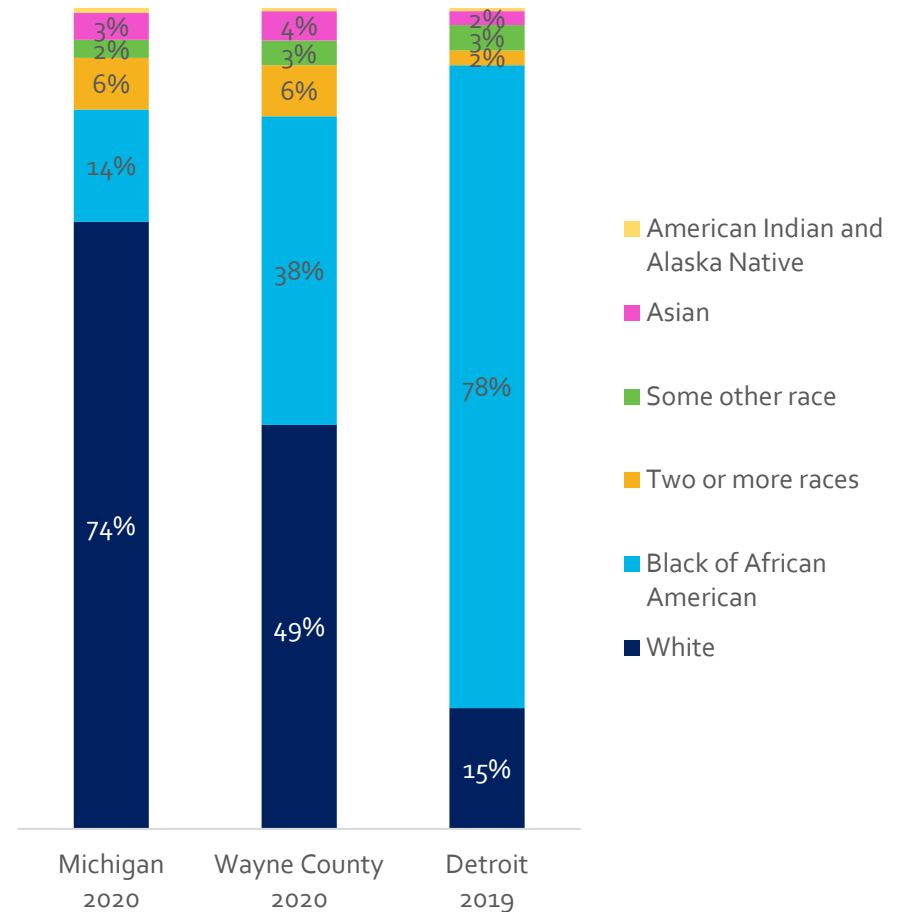
As shown in the graph on the right, compared to the state of Michigan, Detroit and Wayne County have a higher proportion of residents that are Black or African American, 78% and 38% respectively. Additionally, while the proportion of White residents have been decreasing in Michigan and Wayne County, Detroit has seen an increase in proportion of White residents in the last decade, as seen in the graph below.

Percent of Population by Race 2010 and 2020



Sources: Census Redistricting Data (Public Law 94-171)(Race and Ethnicity in the United States: 2010 Census and 2020 Census.

Percent of Population by Race 2020



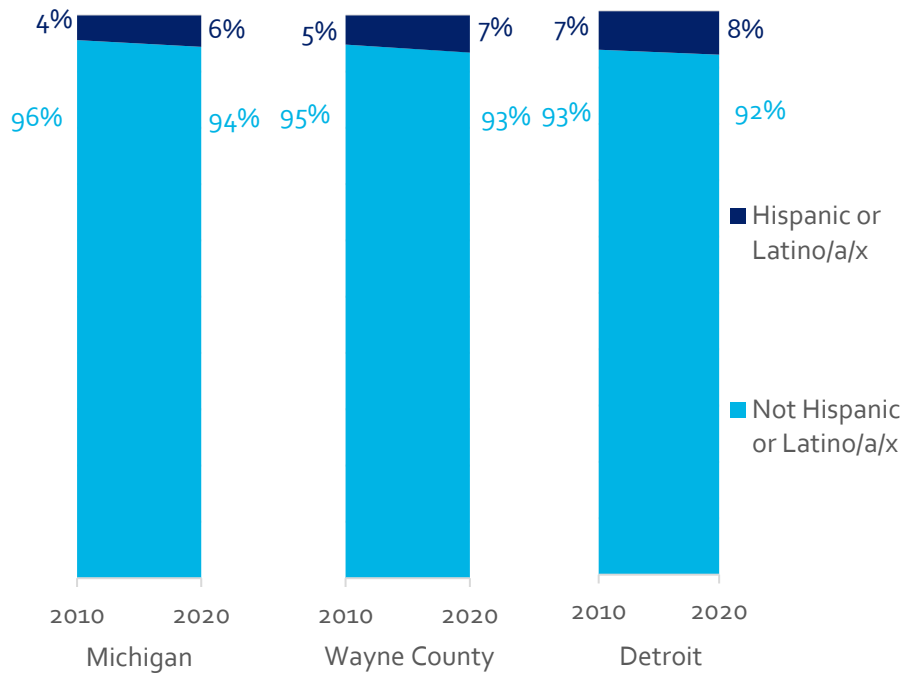
Source: Census American Community Survey (2020, QuickFacts)

Note, For the purposes of this report, racial, ethnic, and gender categories are reflective of those used in federal data sources. Starfish Family Services recognizes that people may be forced to identify into categories used in federal data sources that they do not identify with or choose categories that do not represent their full selves. Starfish Family Services recognizes that people within these groups are an important part of the Starfish community. Certain groups may not be fully reflected in the data due to several factors included poor data quality, large margins of error, or sampling bias.

ETHNICITY

Over the last decade the Hispanic or Latino/a/x proportion of the population has been growing across Michigan, Wayne County, and Detroit. Currently, Wayne County (7%) and Detroit (8%) have similar proportions of their populations that are Hispanic or Latino/a/x, both higher than the state of Michigan (6%), but less than the United States as a whole (18%).

Percent of Population by Ethnicity 2010 and 2020

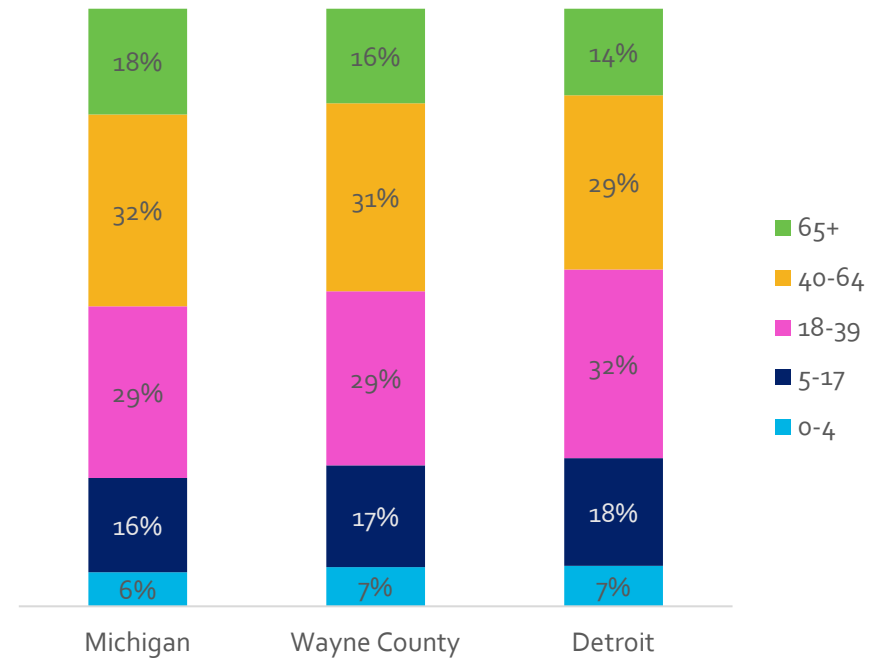


Source: Census Redistricting Data (Public Law 94-171) (2021, Race and Ethnicity in the United States: 2010 Census and 2020 Census)

AGE

Residents in Wayne County (excluding Detroit) represent similar age breakdowns as the state of Michigan and the United States. Detroit, however, is slightly younger than national, state, and county averages, particularly with a larger population of 18–39-year-olds.

Percent of Population by Age



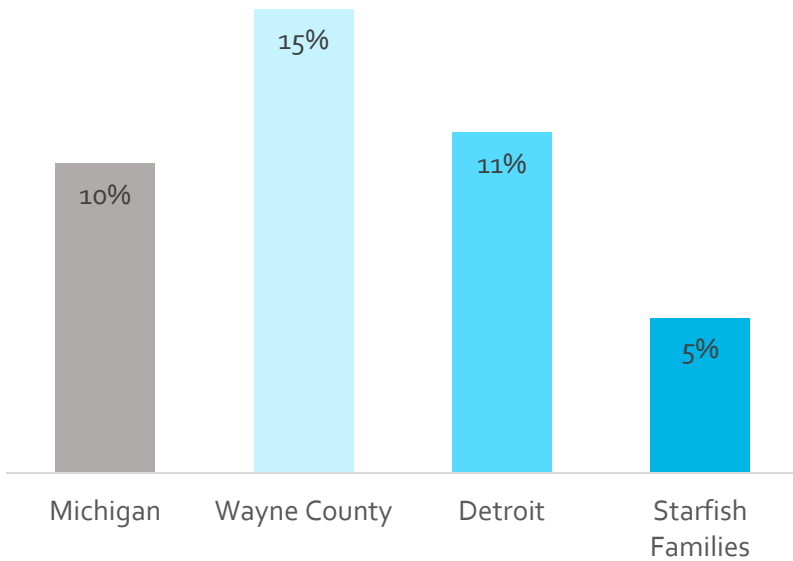
Source: Census American Community Survey (2019, 5 year Estimate Table B02003)

LANGUAGE

Just as Starfish Family Services' families are culturally diverse, we also show some diversity in language. Though 95% of Starfish families speak primarily English at home, the remaining 5% include Spanish (3%) and Arabic (2%) speakers. This is, however, less than the percent of Wayne County residents who speak languages other than English at home (15%).

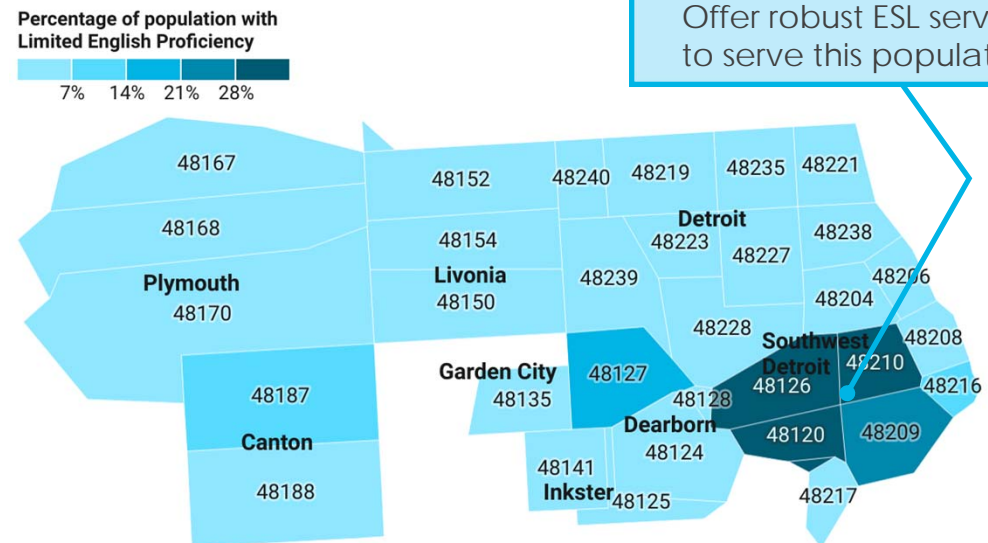
Though most Starfish families report to speak primarily English at home, we see in the map below that Starfish early childhood education centers are located in zip codes with the highest concentrations of populations with limited English proficiency in Wayne County.

Starfish serves a **smaller proportion** of English Language Learners compared to the broader community
 Percent of population that speaks a language other than English at home



Source: Census American Community Survey (2019, 5-year Estimate Table S1601)

Opportunities exist to meet needs of individuals with **Limited English Proficiency** in **Southwest Detroit**



HOW COULD STARFISH SUPPORT?
 Offer robust ESL services to serve this population.

Source: 2019 American Community Survey 5 - Year Estimates, Table S1601 • Created with Datawrapper

Mobility

WHAT DID THE STARFISH COMMUNITY TELL US ABOUT MOBILITY?

Gentrification is a challenge for respondents living in Detroit. Focus Group participants observe that they are seeing people get “pushed out” of their homes because the cost of living is rising. Not only is housing more expensive but the stores around them are raising their prices and items are getting more expensive. Specifically, one respondent noted this “is changing the dynamics of the neighborhood” and they “see stricter policing but no more resources”.

One respondent noted that the “fear of crime” is an issue in their community especially during COVID-19. When asked, she explained that there is “over policing” during COVID-19. For example, police try to enforce large gatherings but sometimes a large family “has downsized to one house”.



“People living here their entire lives are getting pushed out and then seeing it become better but not better for them”

-Starfish Family Services
Focus Group Participant

HOW COULD STARFISH SUPPORT?

Advocate for community driven change, affordable housing programs, and high-quality neighborhood schools and childcare.

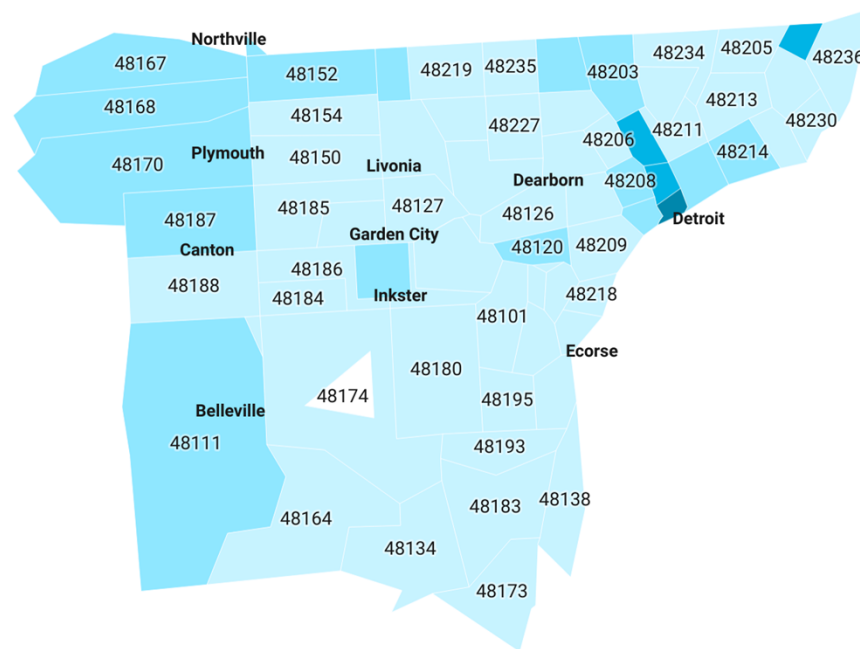
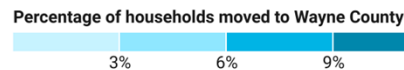
WHERE ARE PEOPLE MOVING IN WAYNE COUNTY?

The graph below shows the concentration of Wayne County residents in 2019 who lived outside Wayne County in 2018. The highest proportion of new residents from out of Wayne County moved to urban downtown Detroit, while others moved to the west and north edges of the county (Belleville, Northville).

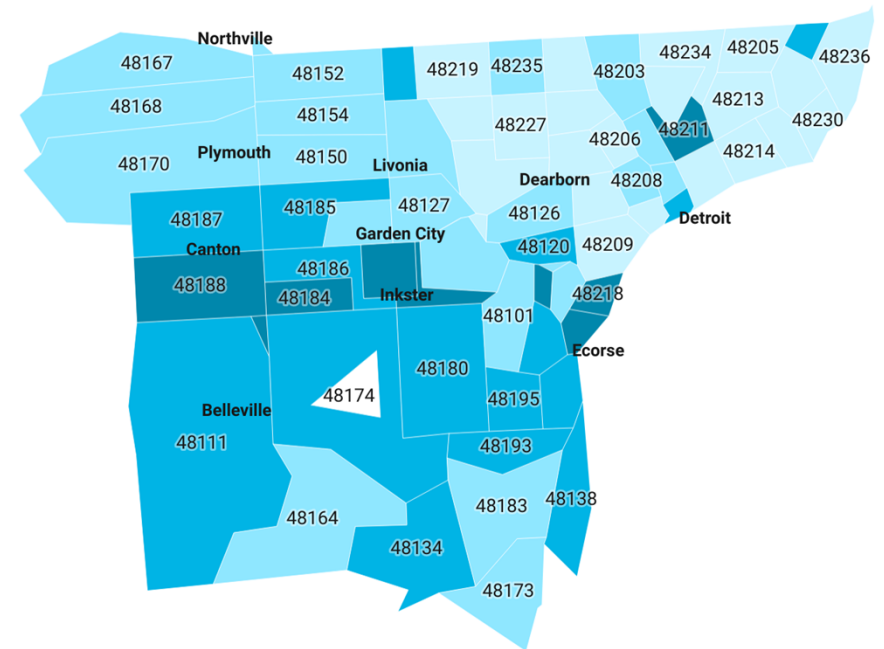
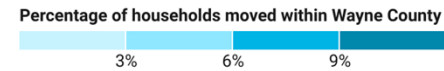
Another indicator of mobility is among residents who move but stay within Wayne County. As displayed in the graph below, Wayne County residents who move but stay within Wayne County are most likely to move to central and southern cities (Belleville, Romulus, Taylor, Canton, etc.).

People moving to and within Wayne County are moving to the suburbs

Households that moved to Wayne County



Households that moved within Wayne County



Source: Census American Community Survey (2019, 5 year Estimate Table B07204) • Created with Datawrapper

Source: Census American Community Survey (2019, 5 year Estimate Table B07204) • Created with Datawrapper

Typical School, Work, and Training Schedules

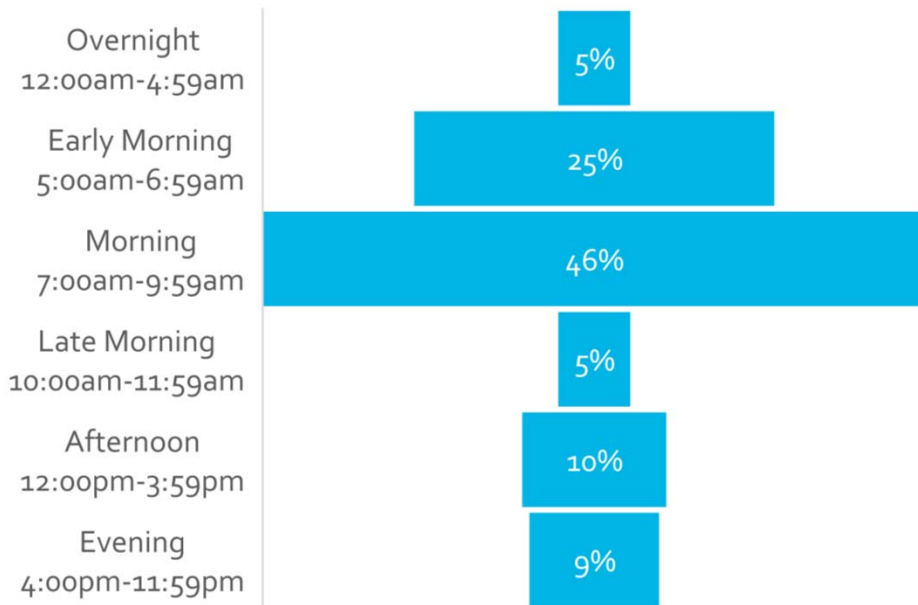
WHAT HOURS DO WORKERS IN WAYNE COUNTY LEAVE FOR WORK?

The highest proportion of workers in Wayne County typically leave work from the hours of 7am-9:59am. These work schedules follow typical school and childcare schedules, with school beginning in the early morning (7am-9am) and ending in the afternoon (2:30-4:30), depending on the school district.



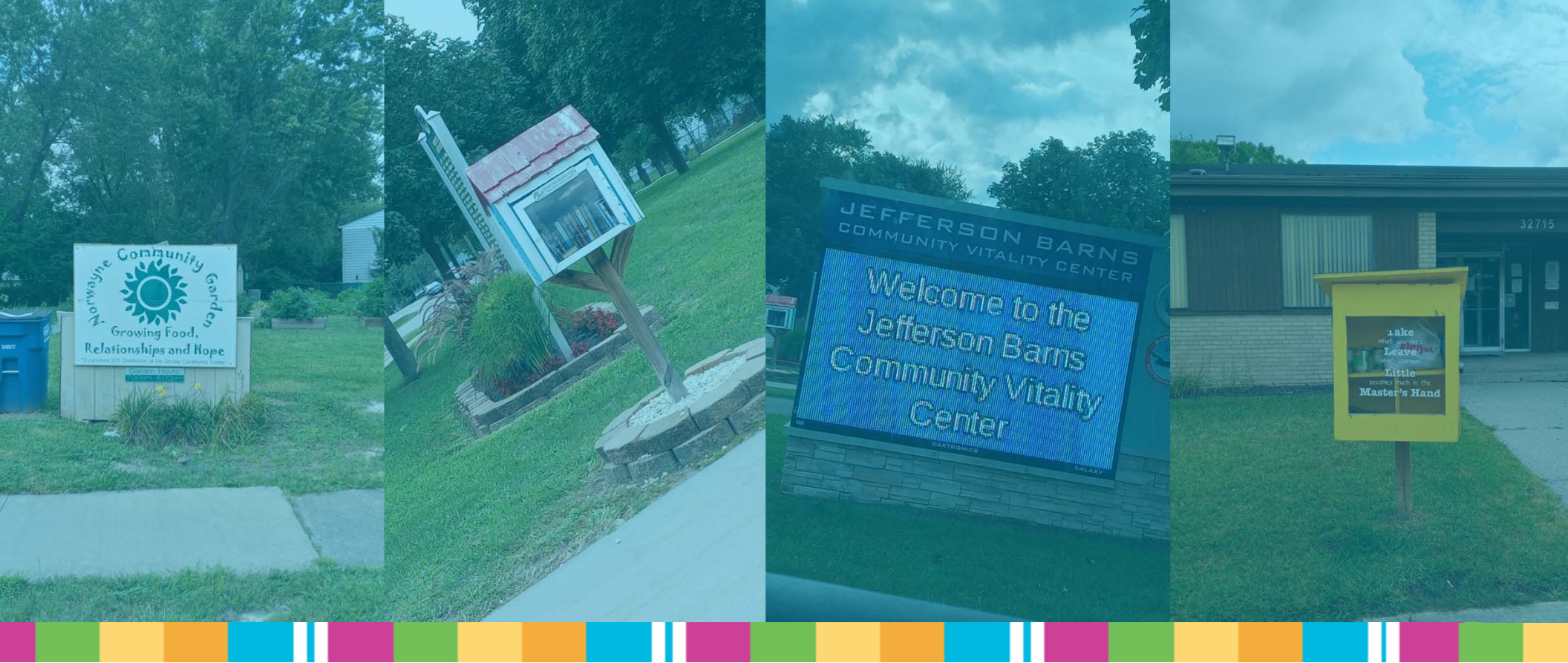
Nearly half of Wayne County workers leave for work between 7am-9:50am

Percentage of Wayne County workers who leave for work across various time brackets



HOW COULD STARFISH SUPPORT?
Offer before care programming.

Source: Census American Community Survey (2019, 5-year Estimate Table B02003)



What does 'Community' mean?

"From my perspective, **an empowered community has resources available to them.** Those resources should be easily accessed like a resource center, a neighborhood little library for a variety of books, and a little pantry for food in walking distance from homes. An inclusive resource center with programs for a variety of ages and a community garden helps encourage a healthy community. This is a strength of my community...**Overall, community means safe to be who you are and inclusive with access to resources and information.** It looks like smiling faces of any color and interacting with one another in a positive uplifting way."

**-Starfish Family Services
Photo Voice Participant**



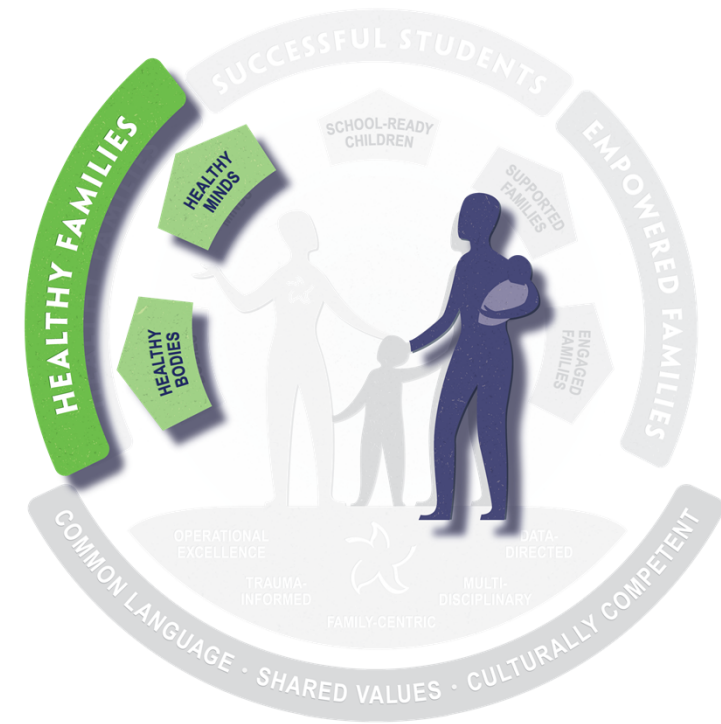
WHAT OPPORTUNITIES EXIST TO SUPPORT
HEALTHY FAMILIES?

WHAT OPPORTUNITIES EXIST TO SUPPORT HEALTHY FAMILIES?

Starfish supports families to be healthy through wholistic physical and mental health programming. This section outlines several key indicators of community health that highlight areas of inequity and structural barriers that impact residents' abilities to access high-quality care.

Key Takeaways

- While infant mortality rates have improved in Detroit, Black babies in Detroit are still disproportionately impacted. Black babies have much higher mortality rates compared to white babies.
- COVID-19 significantly impacted clinical capacity of mental health providers in Wayne County, specifically for children.
- Provider shortages, costs of care, and difficulties navigating complex health systems are all barriers to receiving physical and mental health care.



INDICATORS

- Access to adequate prenatal care
- Infant mortality
- Trauma prevalence
- Chronic illness prevalence
- Mental health care capacity
- Substance abuse disorder treatment
- Health care access barriers

Health Disparities

MATERNAL & INFANT HEALTH

The health and wellness of new and expectant mothers and babies are strong indicators of the health and wellness of a community. In Detroit, 7% of expectant mothers received inadequate prenatal care.¹ Wayne County has high levels of maternal and infant mortality when compared to Michigan averages². Encouragingly, infant death rates are improving, as shown in the graph to the right. Between 2018 and 2019, infant death rates decreased by 34% in Detroit. Race disparities are prominent however, in Detroit, both Black and White babies have worse infant mortality rates than the Michigan average.

HOW COULD STARFISH SUPPORT?

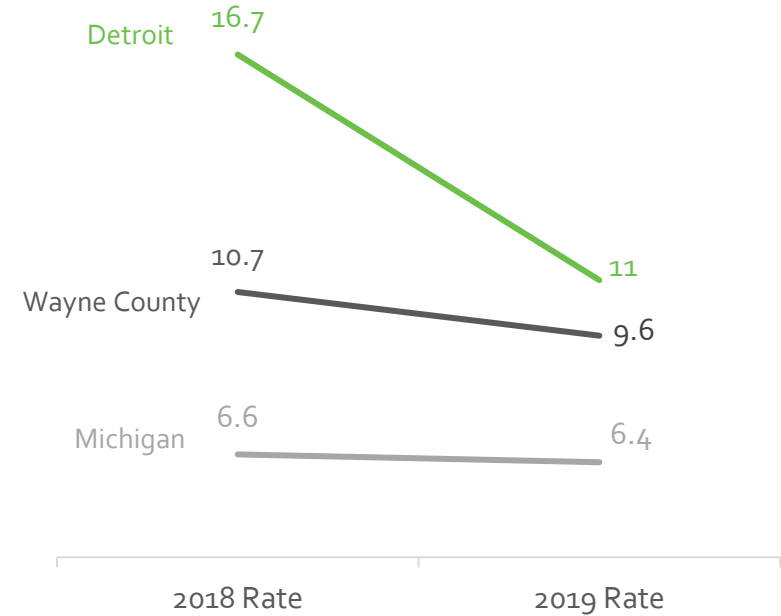
Continued investment in the Nurse-Family Partnership program.



White babies in Detroit die at a rate 80% higher than White babies in the state of Michigan as a whole. **Black babies in Detroit** have a mortality rate **57% higher** than white Detroit babies and **184% higher** than White babies in Michigan on average.

Although **Detroit Infant Death Rates decreased 34%** it's **still higher** compared to Wayne County and Michigan

Infant Death Rates across regions



Source: State of Babies (2019, Good Health)

¹D3 Open Data Portal. Retrieved from State of the Detroit Child Profile page for Detroit city, Wayne County, MI <https://sdc.datadrivendetroit.org/profiles/06000US2616322000-detroit-city-wayne-county-mi/>

²1990-2018 Michigan Resident Birth and Death Files, Division for Vital Records & Health Statistics, Michigan Department of Health & Human Services. Obtained from <https://www.mdch.state.mi.us/osr/InDxMain/Tab5.asp>

TRAUMA EXPOSURE & CHRONIC ILLNESS

Research shows that when children are repeatedly exposed to trauma—including violence, abuse, neglect, and household dysfunction—their brain development is negatively affected. A common indicator of exposure to childhood trauma is known as Adverse Childhood Experiences (ACEs). In Michigan, eight specific ACEs are tracked annually through a survey of adults. In Michigan, ACEs are prevalent among two-thirds of adults who reported one or more ACE and nearly 1 in 5 reports having experienced four or more³. Michigan rates of ACEs among children trend higher than national averages since 2016. Additionally, rates of confirmed cases of childhood abuse and neglect for children under 5 are 35.7 per 1,000 children in Detroit and these rates are much higher than Wayne County (21.8 per 1,000) and the state of Michigan (23.7 per 1,000).⁴ Furthermore, prolonged exposures to trauma can lead to toxic stress, which can lead to chronic illnesses in adulthood³.



Nearly 1 in 5 adults in Michigan have **4+ ACEs**



³Public Sector Consultants (2019). Adverse Childhood Experiences in Michigan: Findings from the 2016 Behavioral Risk Factor Survey. Obtained from https://www.michigan.gov/documents/mdhhs/7b8c5ACEs_Final_Report-Jan2020_680843_7.pdf.

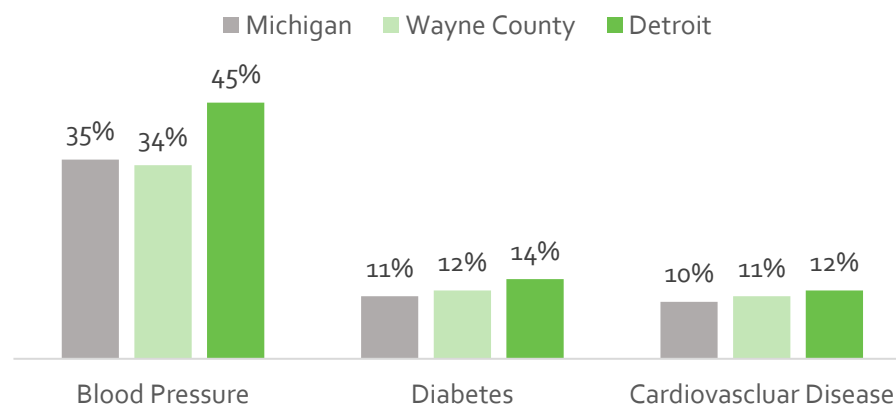
⁴The Annie E. Casey Foundation, KIDS COUNT Data Center, <https://datacenter.kidscount.org>.

Rates of chronic illness in Wayne County and Detroit are generally higher than state rates, as shown in the graph to the right, for high blood pressure, diabetes, and cardiovascular disease⁵. Additionally, 9% and 12% of residents in Wayne County and Detroit do not have healthcare insurance. Rising healthcare and insurance premiums contribute to nearly a quarter (19%) of Detroiters who reported not receiving health care because of cost⁷.

The treatment of chronic conditions can often be managed in a primary care setting, however, 20% of Detroiters reported not having a personal health care provider. This is compared to 14% of those reporting in Wayne County⁷. Furthermore, nearly a third of hospitalizations in Detroit were considered preventable, meaning they could have been managed and treated with regular primary care.

Detroit has higher rates of chronic illness compared to Michigan and Wayne County

Rates of chronic illness across regions



Source: Center for Disease Control and Prevention (2019, BRFSS Prevalence & Trends Data)

WHAT DID THE STARFISH COMMUNITY TELL US ABOUT BARRIERS TO ACCESSING PRIMARY CARE?

During focus groups with Starfish families, participants reported challenges accessing primary care services during the COVID-19 pandemic. Since COVID-19, many providers have limited evening and weekend appointment availability. Additionally, distrust with the medical system and not being able to miss work to take children or themselves to appointments were cited as the main reasons for not accessing primary medical care¹².



⁵Michigan Behavioral Risk Factor Surveillance System Regional & Local Health Department Estimated December 2020 (2017-2019). Table 24. Retrieved from https://www.michigan.gov/documents/mdhhs/2017-2019_MiBRFSS_Reg__LHD_Tables_714467_7.pdf

⁷Michigan Behavioral Risk Factor Surveillance System Regional & Local Health Department Estimated December 2020 (2017-2019). Table 8. Retrieved from https://www.michigan.gov/documents/mdhhs/2017-2019_MiBRFSS_Reg__LHD_Tables_714467_7.pdf

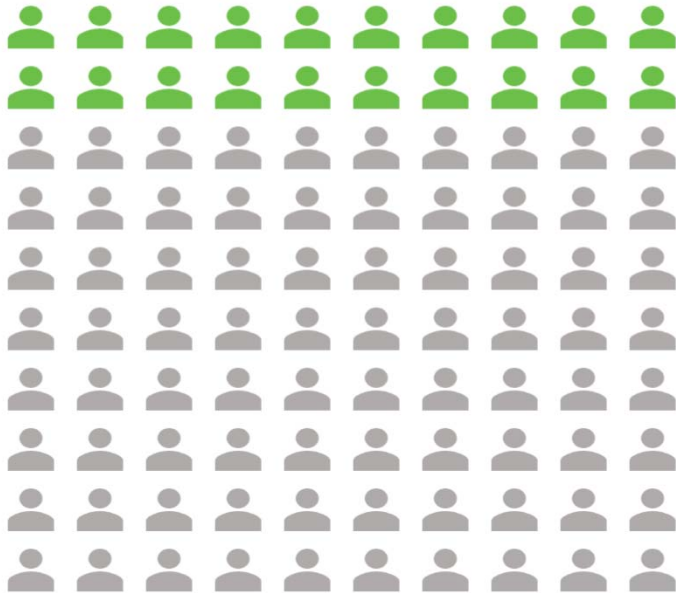
¹²C.Rhyan, A.Turner, E.Ehrlich, C.Stanik.(2019). Access to Behavioral Health Care in Michigan: Final Report. Altarum Institute.

Healthcare Capacity, Inequities, and Resource Needs

MENTAL HEALTH & SUBSTANCE USE

Mental health (along with chronic disease prevention & management) was identified as a primary community health need in the Beaumont service area (Wayne, Oakland, and Macomb Counties)⁸. Mental/behavioral health and substance abuse ranked numbers 4 and 5 respectively on the list of 12 prioritized significant community health needs².

Among the Medicare population living in Wayne County, almost 4% have documented substance abuse issues. This value is 66% higher than the state benchmark of 2.1%.² Most Michiganders with a substance use disorder go untreated.



Of the 638,000 Michiganders experiencing a substance use disorder, **only 20% receive treatment**, leaving more than half a million people untreated.⁹

HOW COULD STARFISH SUPPORT?

Expand Behavioral Health services for adults and Substance Use Disorders

²1990- 2018 Michigan Resident Birth and Death Files, Division for Vital Records & Health Statistics, Michigan Department of Health & Human Services. Obtained from <https://www.mdch.state.mi.us/osr/InDxMain/Tab5.asp>

⁸Beaumont Health (2019). *2019 Community Health Needs Assessment: Building Healthier Lives and Communities*. Obtained from https://www.beaumont.org/docs/default-source/chna/2019-chna-report_forweb_121619.pdf?sfvrsn=4ad92e2_2

⁹C.Rhyan, A.Turner, E.Ehrlich, C.Stanik.(2019). *Access to Behavioral Health Care in Michigan: Final Report*. Altarum Institute.

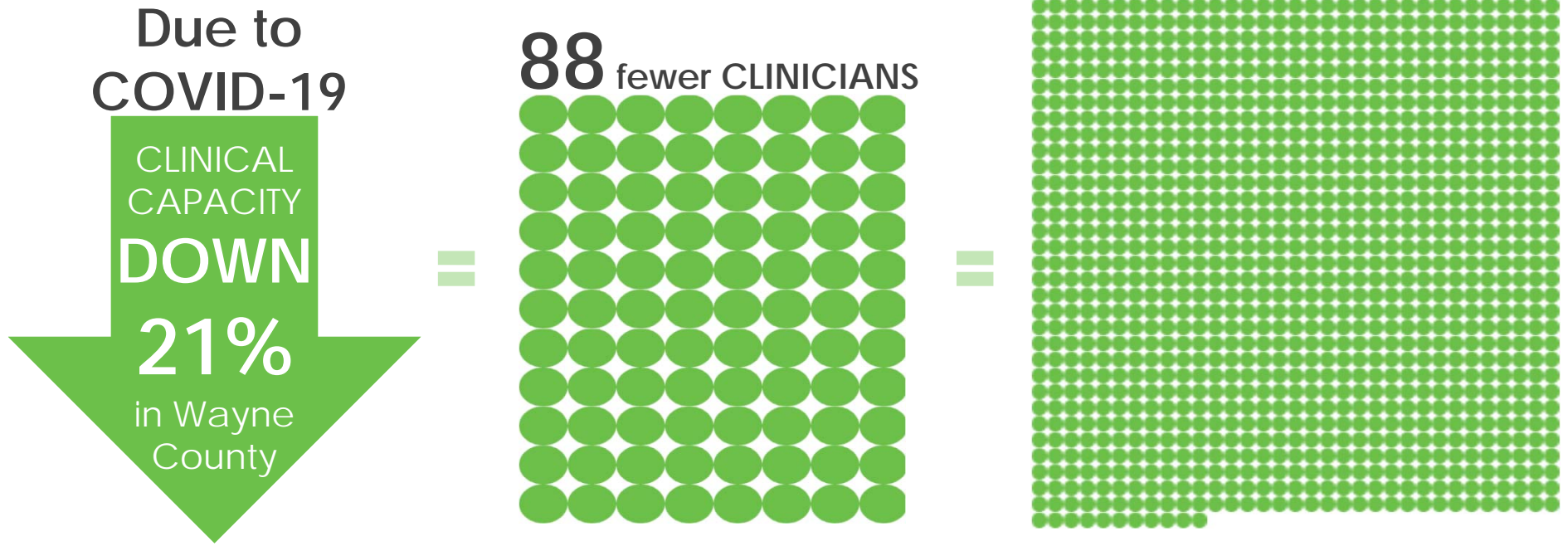
HOW HAS COVID-19 IMPACTED CLINICAL CAPACITY TO TREAT CHILDREN?

Specifically, resources for treatment of children with Serious Emotional Disturbance (SED) within Wayne County were already constrained prior to the COVID-19 pandemic. Clinical staff turnover is high; both patients and practitioners identified turnover as a challenge to continuity of quality of mental health care¹⁰.

As a result of COVID-19, capacity to treat children with SED in Wayne County has been greatly reduced. Interruption in volume of services due to the pandemic negatively impacted an already strained system and accelerated the closure of programs such as autism treatment. Clinical and administrative

employees were reduced or scaled down due to declining revenue and greater difficulty filling vacancies during tight labor markets.

Clinical staff capacity dropped by 21%, or 88 full-time equivalent children's mental health clinicians, between October 2019 and September 2020. Based on average caseloads, the loss of clinical staff represents lost capacity to serve 1,100 children¹⁰.



¹⁰A. Turner, E. Ehrich, M. Black-Watson, E. Etwaroo (2020). Economic Impact of COVID-19 and Assessment of Alternative Payment Models for Children's Mental Health. Altarum Institute.

ACCESS TO BEHAVIORAL HEALTH CARE

As summarized in a report from Altarum¹¹, among children under the age of six, 44% rely on Medicaid for their health insurance. Medicaid, along with the Children's Health Insurance Program (CHIP), serves four out of five young children in poverty¹ and these programs are often at risk for losing their funding. Before the COVID-19 pandemic, Michigan's children disproportionately struggled with mental illness, compared to the national average, and over 40% of those children were not receiving treatment. This is true even for those who have private pay health insurance³. In a recent poll by the American Psychiatric Association, more than one-third of Americans say this pandemic is having a serious impact on their mental health⁴.

Barriers to behavioral health care access include shortages of providers, costs of care, and reluctance to seek care¹². Because Wayne County is so large with so many different providers, families need specific case management services that are continuous and provide follow up.³ Starfish having a greater connection to adult mental health providers or other similar partnerships would better enable access to services for the whole family. Families are more likely to follow through with referrals with organizations they are familiar with.³ One other area named as a challenge is helping families build meaningful and continuous health provider relationships. Most families seek care at urgent care centers or other emergency services. Therefore, it is difficult for them to get consistent, timely, and high-quality medical care. Without a long-term relationship, physicians may struggle to support health care needs, especially those with high-needs or special circumstances.³



Over 40% of MI children with mental illness went **untreated** pre-COVID

BARRIERS TO BEHAVIORAL HEALTH CARE ACCESS



- Provider shortages
- Cost of care
- Reluctance to seek care
- Lack of continuous relationships with health care providers

¹D3 Open Data Portal. Retrieved from State of the Detroit Child Profile page for Detroit city, Wayne County, MI <https://sdc.datadrivendetroit.org/profiles/06000US2616322000-detroit-city-wayne-county-mi/>

³Public Sector Consultants (2019). Adverse Childhood Experiences in Michigan: Findings from the 2016 Behavioral Risk Factor Survey. Obtained from https://www.michigan.gov/documents/mdhhs/7b8c5ACEs_Final_Report-Jan2020_680843_7.pdf.

⁴The Annie E. Casey Foundation, KIDS COUNT Data Center, <https://datacenter.kidscount.org>.

¹¹E. Ehrlich, E.Etwaroo, M. Black-Watson, A.Turner (2020). Wayne County Children's Advocacy Collaborative Environmental Scan. Altarum Institute.

¹²C.Rhyan, A.Turner, E.Ehrlich, C.Stanik.(2019). Access to Behavioral Health Care in Michigan: Final Report. Altarum Institute.

Accessing Healthcare: Linguistics and Cultural Needs

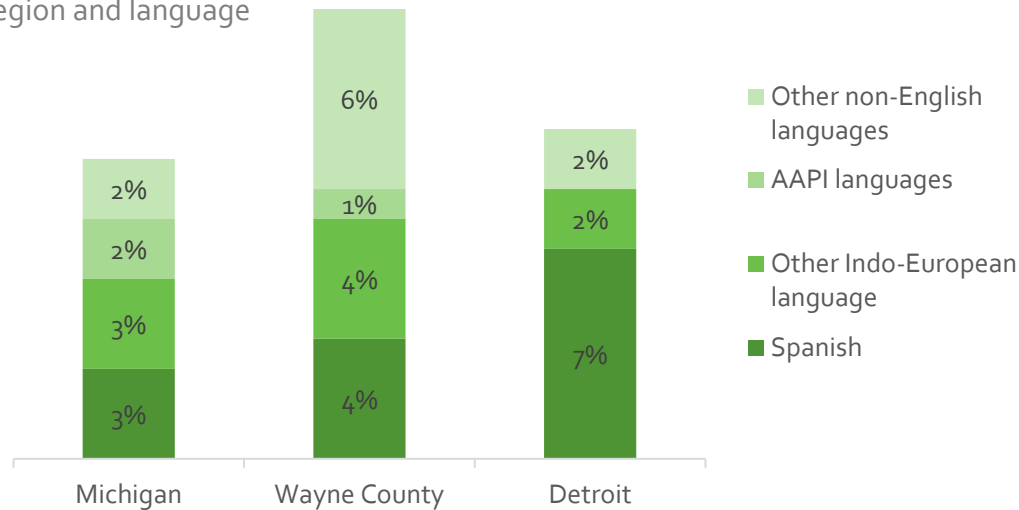
Barriers related to language or immigration status impact our families' willingness and ability to access resources and engage in services¹³. In Wayne County, 15% of the population speaks a language other than English at home, specifically 4% of residents in Wayne County speak Spanish at home and 7% of Detroiters speak Spanish, as shown in the graph below.

For example, though primary care, physicians, and pharmacies are plentiful in the Dearborn area, access to care was limited due to lack of health coverage, high costs, and residents having difficulty navigating the health system to coordinate care. Many immigrants did not have access to health insurance or transportation and were further impeded by language issues and the lack of culturally appropriate providers².



7% of Detroiters and 4% of Wayne County residents speak Spanish at home

Percent of residents who speak a language other than English at home by region and language



Source: Census American Community Survey (2019, 5-year Estimate Table DP02)

²1990- 2018 Michigan Resident Birth and Death Files, Division for Vital Records & Health Statistics, Michigan Department of Health & Human Services. Obtained from <https://www.mdch.state.mi.us/osr/InDxMain/Tab5.asp>

¹³Mathematica (2021). Starfish Focus Group Summaries. Internal Starfish Family Services report. Unpublished.

Starfish Opportunity Index: Healthy Families

In the area of **Healthy Families**, zip codes in eastern Wayne County, particularly in the city of Detroit present highest opportunities for additional Starfish support in promoting Healthy Minds and Healthy Bodies. This support could include hosting free or low-cost mobile clinics, offering health and nutrition education or providing additional health and mental health resources in these service areas. **16% of the Starfish service population resides in a High Starfish Opportunity area.**



HEALTHY FAMILIES

INDEX INDICATORS

Percent without health insurance

Percent with chronic illness

- Cardiovascular disease
- Diabetes
- High Blood Pressure

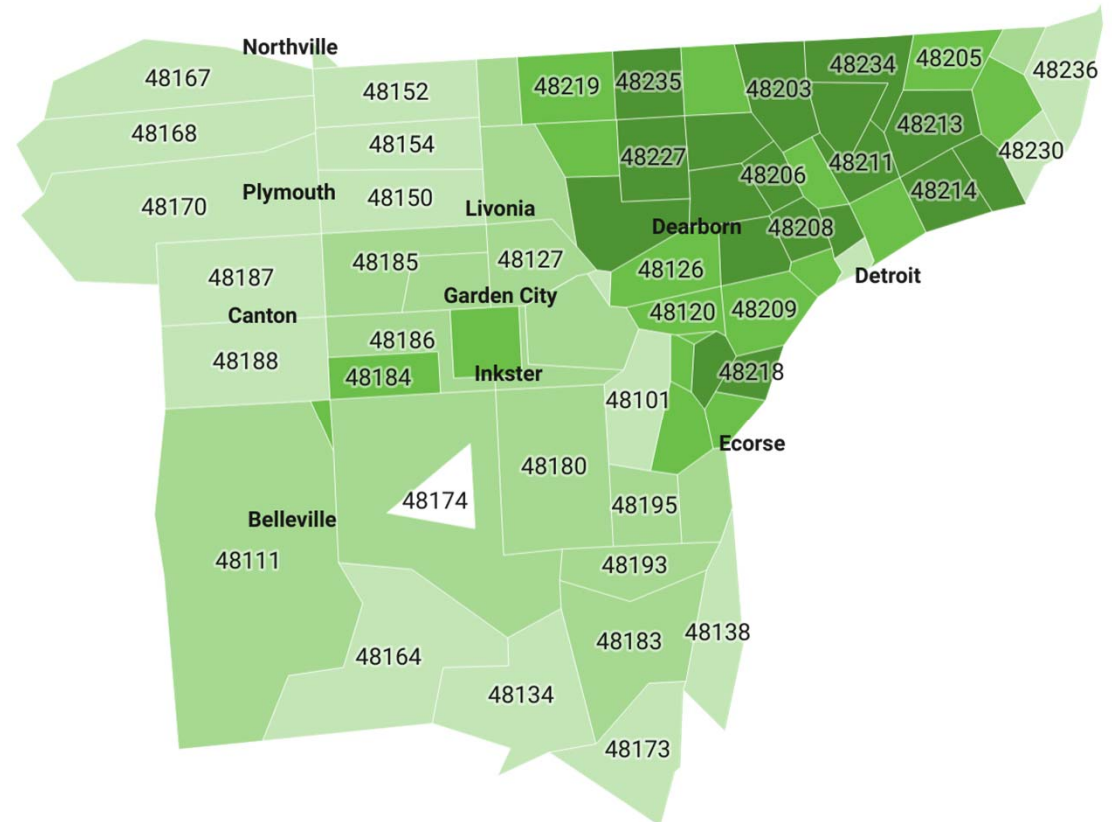
Percent with poor mental health in past 14 days

High Opportunity Zip Codes

Zip Code	City
48204	Detroit
48217	Detroit
48213	Detroit
48206	Detroit
48238	Detroit
48211	Detroit
48203	Detroit, Highland Park
48214	Detroit
48215	Detroit
48235	Detroit
48234	Detroit
48208	Detroit
48227	Detroit
48228	Detroit
48219	Detroit
48210	Detroit
48201	Detroit
48207	Detroit

Healthy Families Opportunity Index

High Medium Low Very Low



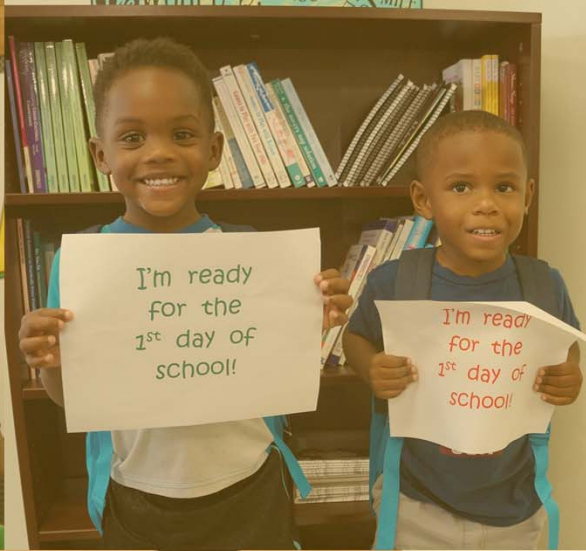
Source: Census American Community Survey (2019, 5 year Estimates Table DP03). Center for Disease Control and Prevention (2017, 2018 BRFSS Prevalence & Trends Data). • Created with Datawrapper



What does 'Community' mean?

"Specifically in my neighborhood, there are several focal points of inspiration for me. A local community organization, NW Goldberg Cares, has taken several pieces of property that were previously blighted and converted them over to walkable, safe, green spaces. It has been AMAZING for my daughter and I to have multiple places within walking distance to my home where she is able to participate in weekly family game nights, reading programs and even a youth sports program. This organization has also allowed her to volunteer to help build the parks! **These spaces make my community healthy because it immediately transforms my mindset as a resident to see flowers, paths, and families instead of blighted structures and overgrown brush.** The organization was intentional about getting community input on the parks and it makes me feel very included and a sense of pride every time I see them."

**-Starfish Family Services
Photo Voice Participant**



WHAT OPPORTUNITIES EXIST TO SUPPORT
SUCCESSFUL STUDENTS?

WHAT OPPORTUNITIES EXIST TO SUPPORT SUCCESSFUL STUDENTS?

Starfish provides wholistic services throughout the lifespan that support the educational success of children and youth. Early learning during the first three years of a child's life supports essential brain development and positive educational outcomes throughout childhood and adulthood are a strong indicator of long-term health and well-being. This section will cover several community level indicators that provide information about educational access and quality across Wayne County.

Key Takeaways

- School funding per pupil has increased over time, however, many school districts in Wayne County report lower per pupil funding than state averages.
- Access to reliable and quality early education was negatively impacted by the COVID-19 pandemic in Wayne County, and there are opportunities to support working caregivers by delivering childcare options that are flexible and meet the needs of caregivers that work weekends, evenings, and/or overnights.
- Areas in southwest Detroit are underserved in terms of availability and choice of childcare options that provide services to 0–5-year-olds. Residents in these areas face limited availability, highlighting disproportional access of childcare options among higher-income areas and less access among vulnerable communities of color.



INDICATORS

- Educational Attainment
- Student to teacher ratio
- Per pupil spending
- School district expenditures by source (local, state, federal)
- 3rd grade literacy rates and retention
- Number of children with disabilities
- Percent of children that receive Special Education or Early On services
- Number of childcare centers that serve 0-2 and 3-5-year-olds
- Number of childcare closures
- Childcare availability for caregivers that work nonstandard working hours

Educational Attainment

WHAT ARE THE EDUCATIONAL OUTCOMES OF RESIDENTS IN WAYNE COUNTY AND DETROIT?

Educational attainment in Wayne County mirrors state averages. In Wayne County, 87% of residents have a high school diploma or higher and 24% have a Bachelor's degree or higher. Rates of college degree attainment are lower in Detroit, specifically Bachelor's level or higher completion.

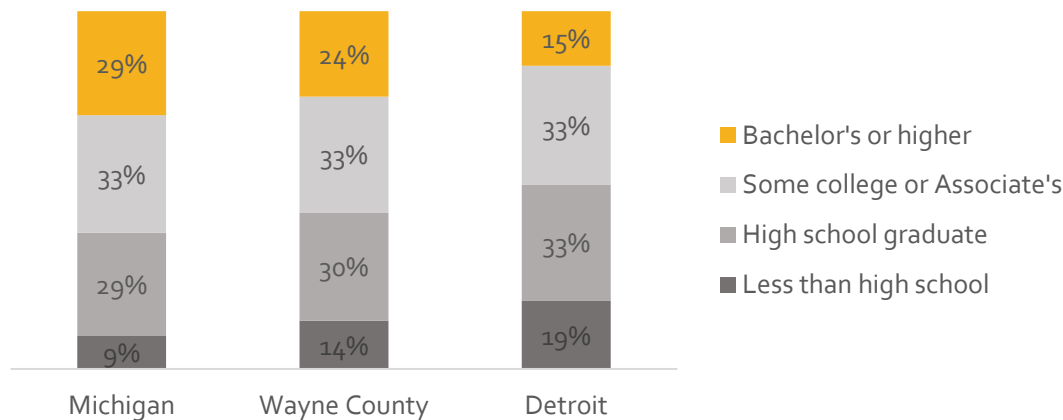
Residents in Wayne County with less than a high school degree are more likely to live in poverty. In Wayne County, 37% of residents without a high school degree live in poverty, compared to only 6% of those with a Bachelor's level degree or higher.

Bachelor's level educational attainment in Detroit is disproportionately lower among Black and American Indian or Alaska Native residents, 12% and 6%, respectively.



College degree attainment is lower in Detroit when compared to Wayne County and Michigan

Educational attainment across regions



HOW COULD STARFISH SUPPORT?
Partner with local adult education programs, offer adult education classes and resources.

Source: Census, American Community Survey, 5-Year Estimates (2015-2019), S1501

School District Funding and Quality

WHAT DID THE STARFISH COMMUNITY TELL US ABOUT SCHOOL DISTRICT FUNDING & QUALITY?

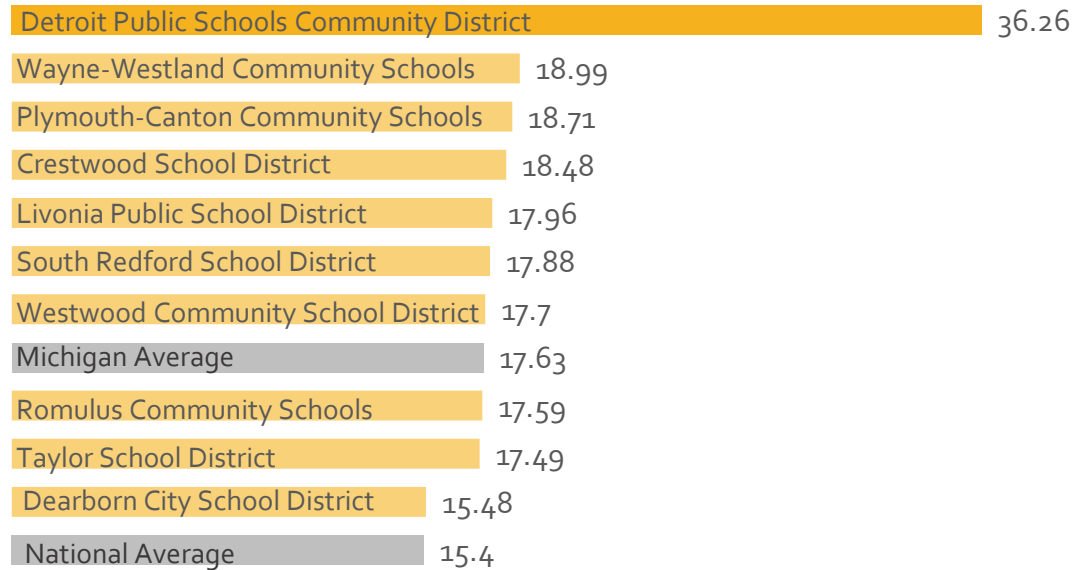
Focus group participants reported a lack of access to high quality public schools for their children. Respondents in all three groups said they've seen disinvestment from public schools in their neighborhoods over the years and at least one respondent from each group said they sent their children to "choice" schools like Catholic or charter schools. Focus group respondents have reported that local school districts have been highly impacted over the years by families moving away or opting out of the public schools in the neighborhood. Most parents participate in schools of choice. Therefore "a bunch of" schools have closed and this "has a snowball effect".



Participants in our focus groups additionally shared the impact of high teacher turnover on their children's education and perception of school quality. One respondent spoke about the high student to teacher ratios and another shared the experience of their children being taught by long term substitute or uncertified teachers because qualified teachers flee to other schools. As displayed on the graph to the right, among the most populated districts in Starfish's service area, Detroit Public Schools Community District and Wayne-Westland Community Schools have higher student to teacher ratios when compared to Michigan's average. All of the most populated public school districts in Starfish's service area have higher student teacher ratios than the national average (15:1).

Detroit student teacher ratio is more than double the Michigan average

Student-teacher ratio by district



Source: National Center for Education Statistics, Common Core of Data. Pupil/Teacher Ratio [District] 2017-18. Retrieved July 7, 2021.

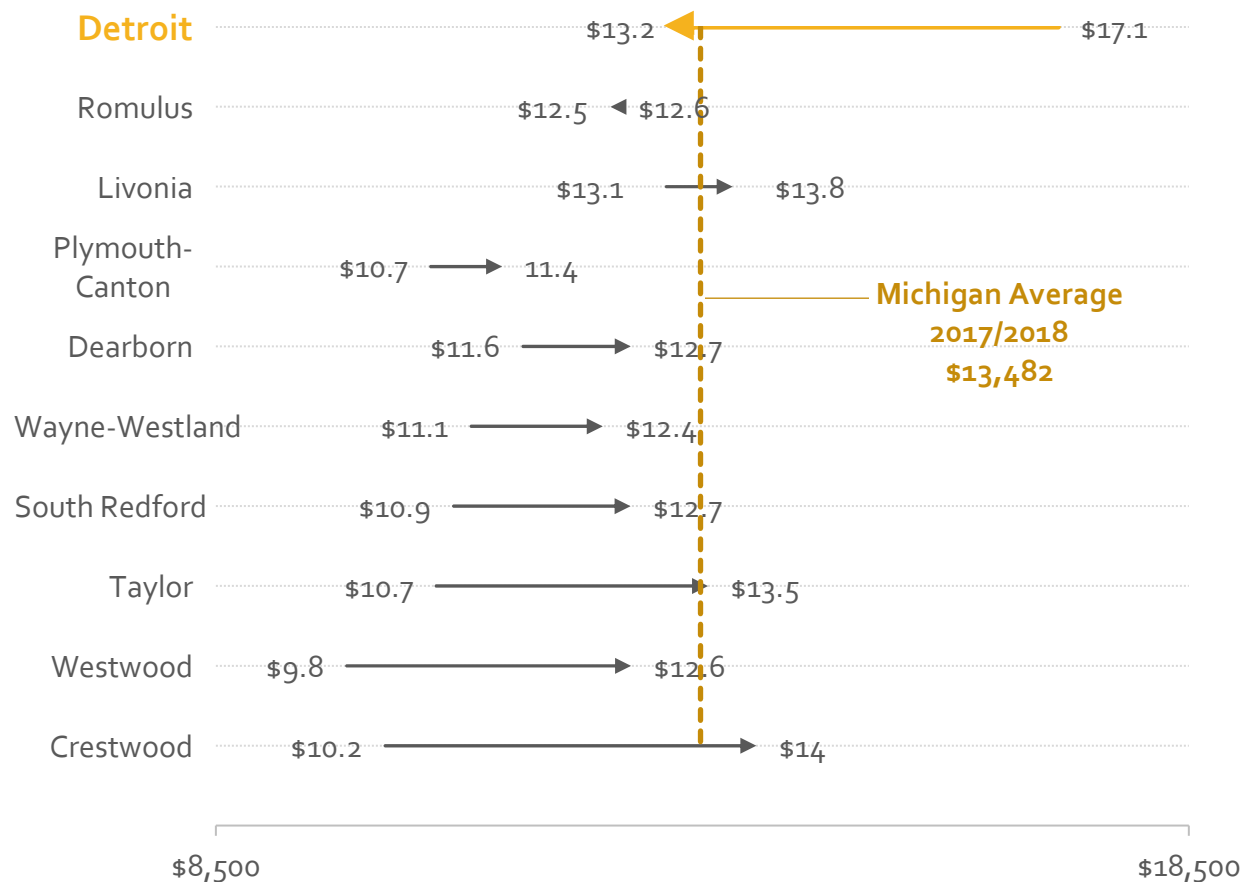
PER PUPIL SPENDING

Generally, per pupil spending among the top populated public-school districts in Starfish's service area have been increasing over time, however, Detroit Public School Community District has recently fell below the state average. Romulus, Wayne-Westland and Plymouth-Canton school districts also hover just below the state average of \$13,482 per student.

Total student enrollment varied by district from 2013 to 2018. Detroit Public School Community District enrolls the largest number of K-12 students with more than 50,000 in 2018 when compared to Crestwood and Westwood enrolling about 6,000 combined. For additional information regarding the relationship between enrollment changes over time and per pupil spending, please see Appendix.

Detroit saw the **largest decrease in per pupil spending** compared to the other districts in the Starfish service area

Per Pupil Spending changes between 2013/2014 – 2017/2018 in thousands of dollars



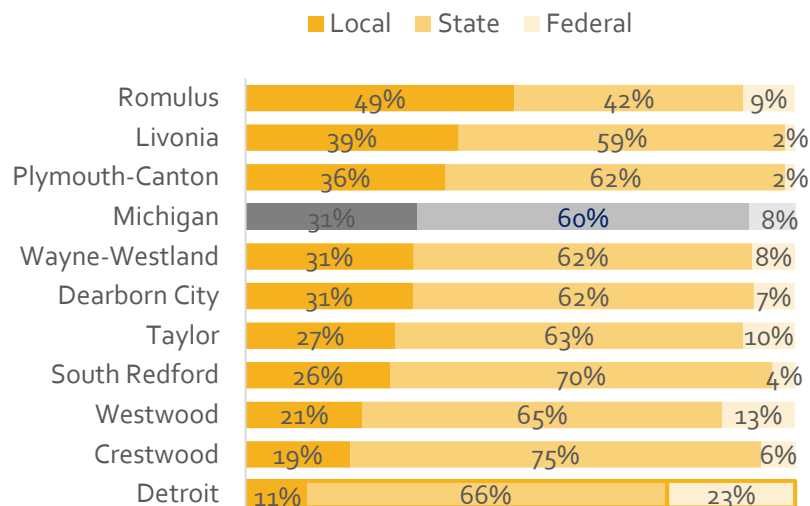
Source: National Center for Education Statistics, Common Core of Data. Total Expenditures per Pupil (V33) 2017-18 [District Finance]. Retrieved July 7, 2021.

SCHOOL DISTRICT FUNDING & EXPENDITURES

Among the most populated school districts in Starfish's service area, Romulus, Livonia, and Plymouth-Canton school districts receive 36-49% of their revenues per student from local sources while Detroit Public School Community District receives on 11% from local sources, 66% from the State and 23% from Federal funding resources, as shown in the graph below.

Detroit receives a substantially lower proportion of funding from local sources

School District Percent of Total Revenues per Student from Local, State, Federal Sources

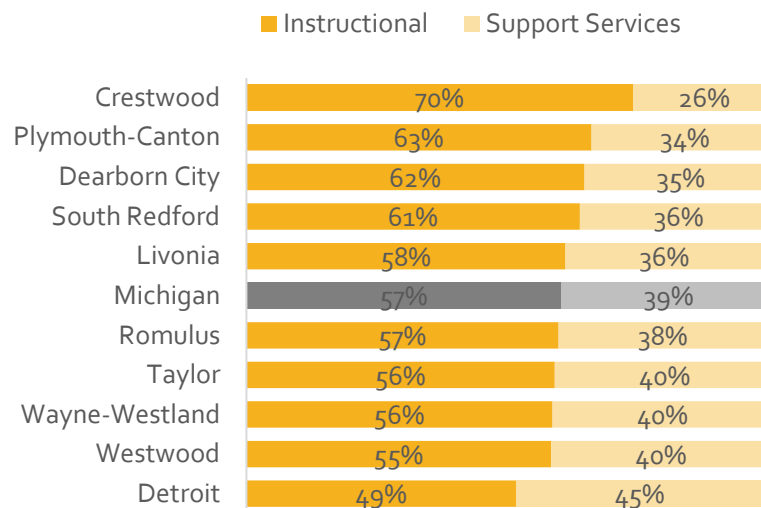


Source: National Center for Education Statistics, Common Core of Data. Total Revenue – Federal Sources (TFEDREV), Local Sources (TLOCREV), State Sources (TSTREV) as Percentage of Total Revenue (TOTALREV) [District Finance] 2017-18. Retrieved July 7, 2021.

The graph below shows the breakdown of school district expenditures per student spent on instructional versus support service costs. Instructional costs include funding spent on instructional supplies and classroom equipment, while support service costs include administrative costs, staff salaries, student transportation, health, social work, counseling and operations/maintenance. Across the board, school districts spend a higher proportion on instructional costs, although, that proportion varies across districts.

School districts in the Starfish service area tend to spend a higher proportion on instructional costs

School District Percent of Current Expenditures Spent on Instructional & Support Service Costs Per Student



Source: National Center for Education Statistics, Common Core of Data. Total Current Expenditures – Instruction (TCURINST), Support Services (TCURSSVC) as Percentage of Current Elementary-Secondary Expenditures (TCURELSC) [District Finance] 2017-18. Retrieved July 7, 2021.

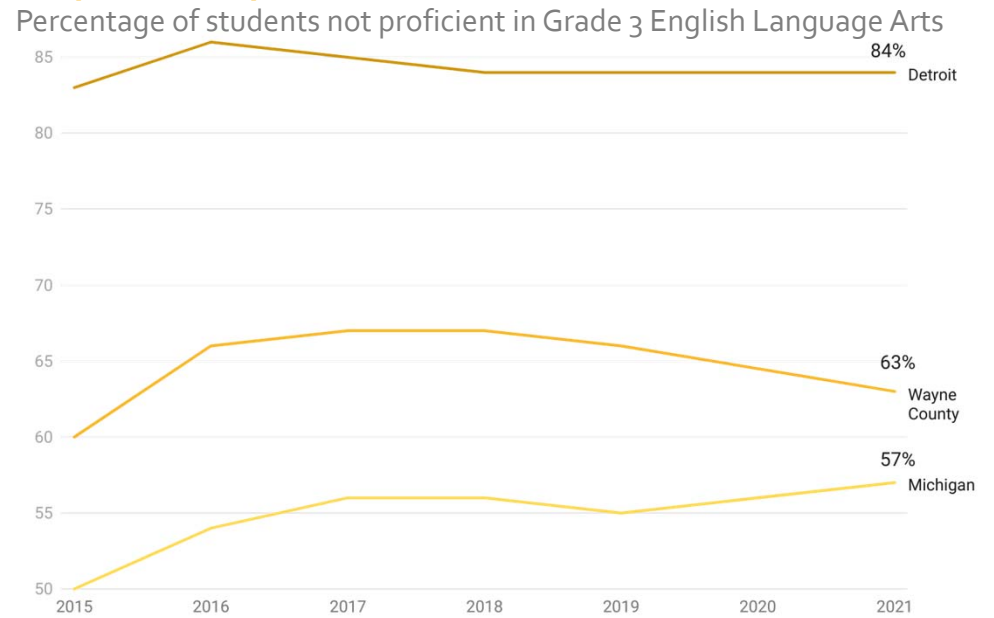
3rd Grade Literacy Rates and School Retention

Third-grade reading proficiency is a crucial benchmark indicator for future academic outcomes, such as high school graduation and long-term economic security. Michigan children have been significantly impacted by the year of remote instruction. Statewide, 1 in 8 Black third-graders earned reading scores indicating that they were at least one year behind in reading. Language Arts proficiency rates have made little progress over the past six years. There was a statewide decrease in 3rd grade English Language Arts proficiency when comparing pre- and post-pandemic scores, 45% versus 43% of students met proficiency standards on the English Language Arts section of the Michigan Student Test of Educational Progress (M-STEP).

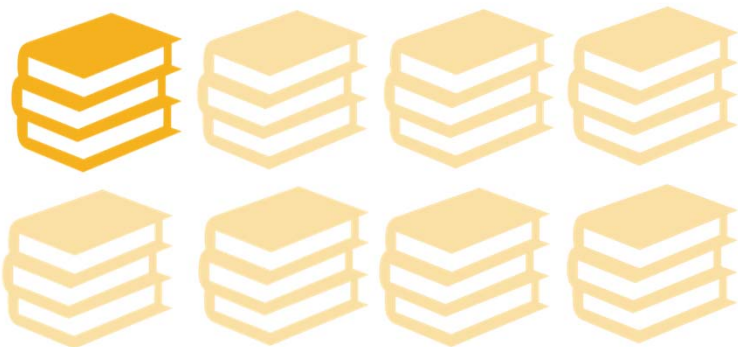
During the 2020-2021 school year, Michigan's reading retention law went into effect. This law requires all 3rd grade students to score at grade level on the standardized M-STEP test. If a student is not exempt from this law, the child will repeat the 3rd grade in the event of scoring below grade level.

Within Michigan, low-income as well as students of color faced more disparities in reading scores and retention rates. The Educational Policy Innovation Collaborative (EPIC) found that in 2021, 3% of White third-graders were flagged for retention, compared to 13% of Black students. Children from low-income families have higher grade retention rates as well.

The percentage of 3rd graders **not proficient** in English Language Arts remains consistently **high** in **Detroit and Wayne County**



Source: Michigan Department of Education, Center for Educational Performance and Information (2015-2021)



1 in 8 Black 3rd grade students' reading scores were at least **one year behind** their **grade level**.

Children with Disabilities

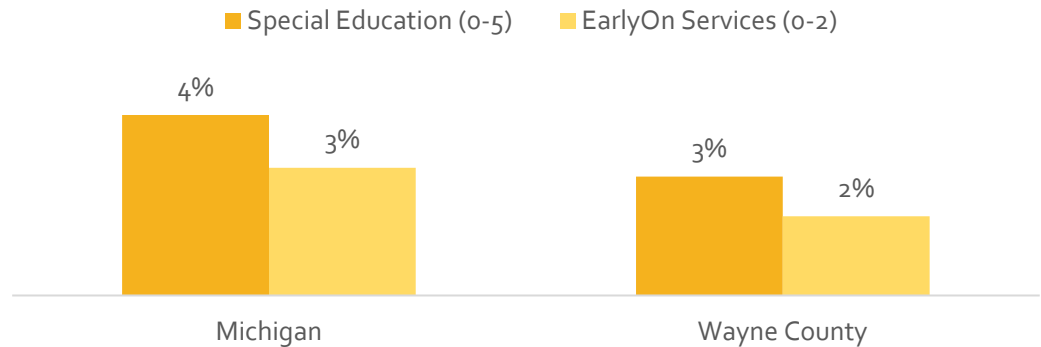
In Wayne County, approximately 13% of school-aged children (34,962) receive special education services. For early childhood, approximately 3% of children receive special education and 2% receive EarlyOn Services.

The graph on the bottom right shows the percentage of children who receive special education services among the most populated school districts in Starfish's service area. Taylor School District serves the greatest proportion of students with disabilities in the county, followed by Wayne-Westland. For information regarding the number of students in each district receiving special education services, please see Appendix

Across Wayne County, the most prevalent disabilities among students are learning disabilities (27% of special education students), speech and language disabilities (25%), and Autism (13%). These percentages are similar to the disability breakdown at the state level. When examining the specific populations of school districts in Wayne County, Garden City serves a high proportion of the county's students with Autism.

Wayne County has a lower proportion of early education students that receive special education and EarlyOn services

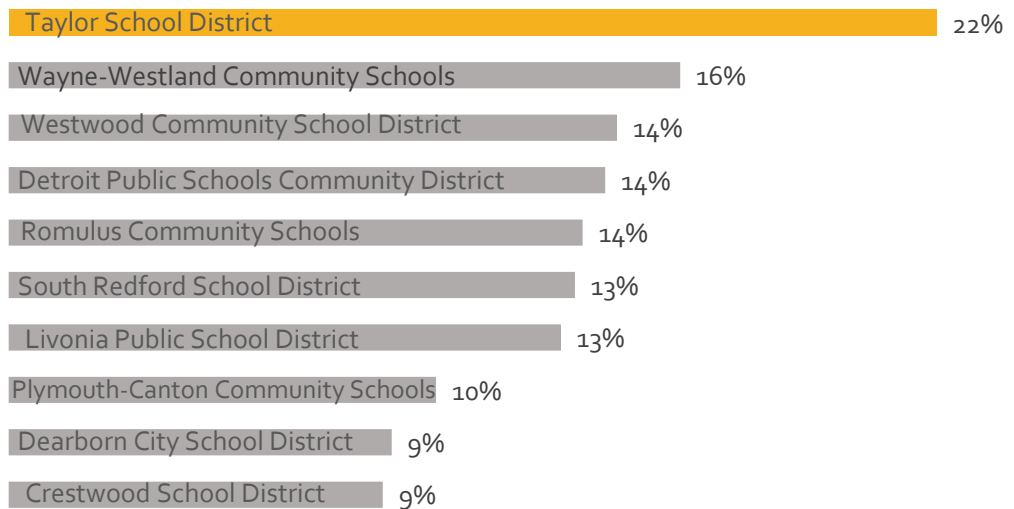
Percent of students (0-5) that receive special education and EarlyOn services



Source: Kids Count (2019, Children Ages 0-5 in Special Education)

Taylor has a higher percentage of Special Education Students compared to other districts in the area

Percent of students receiving Special Education



Source: MI School Data

AVAILABLE COMMUNITY & STATEWIDE DISABILITY RESOURCES

In addition to disability services provided through community school districts, there are several available community and state-wide agencies supporting children with disabilities. Starfish Family Services often connect families with agencies such as EarlyOn, Detroit Institute for Children, Michigan Alliance for Families, Centria, Autism Alliance of Michigan, Detroit Speech and Hearing Center. See footnotes below for associated websites.

DISABILITY SUPPORTS



- Local School Districts
- EarlyOn Michigan
- Detroit Institute for Children
- Centria Healthcare

WHAT DID THE STARFISH COMMUNITY TELL US ABOUT DISABILITY RESOURCES?

Similar to barriers faced when accessing primary care services during the COVID-19 pandemic, Starfish family focus group participants also reported challenges accessing appropriate special education services. Special education and disability services were limited and often difficult to receive remotely.

“Black and brown communities are not getting what they need, especially those with special needs.”

-Starfish Family Services Focus Group Participant



EarlyOn <https://www.1800earlyon.org/>
 Detroit Institute for Children <https://www.detroitchildren.org/>
 Michigan Alliance for Families <https://www.michiganallianceforfamilies.org/>
 Centria <https://www.centriahealthcare.com/>
 Autism Alliance of Michigan <https://autismallianceofmichigan.org/>
 Detroit Speech and Hearing Center <https://www.detroitk12.org/Page/7383>

Early Learning Capacity and Needs

CHILD CARE COVERAGE & CAPACITY

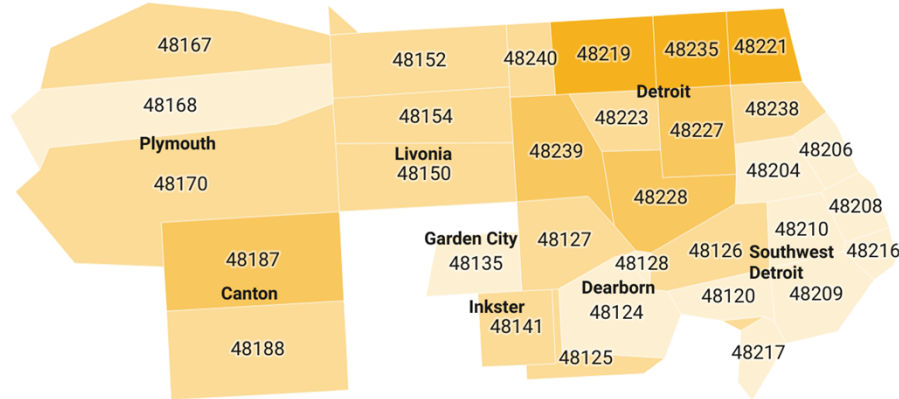
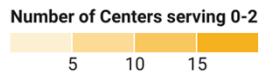
Early learning has shown to have life-long benefits for children. Starfish early childhood education programming provides childcare resources to several cities in Wayne County. As shown in the maps below, eastern and southern Wayne County are the areas with the lowest coverage of early childhood programming for children two and under and programs for preschool children 3-5 years of age within Starfish's primary service area. Within these service areas, Starfish partners with agencies within the Thrive by Five collaborative to provide high-quality early childhood education services.

For additional context related to capacity of childcare options in Wayne County, please see Appendix.



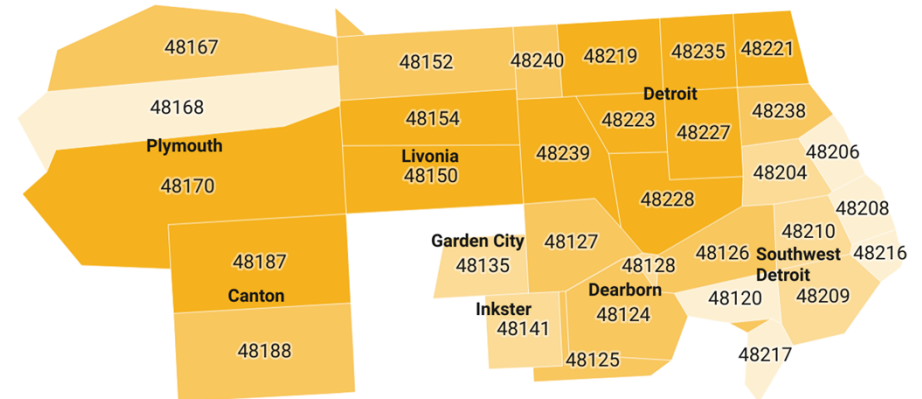
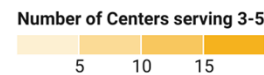
More childcare options exist in the area for **preschool-aged children** than do for infants and toddlers

Number of Childcare Centers Serving children ages 0-2-years-old



Source: Great Start to Quality (2021) • Created with Datawrapper

Number of Childcare Centers Serving children ages 3-5-years-old



Source: Great Start to Quality (2021) • Created with Datawrapper

HOW COULD STARFISH SUPPORT?

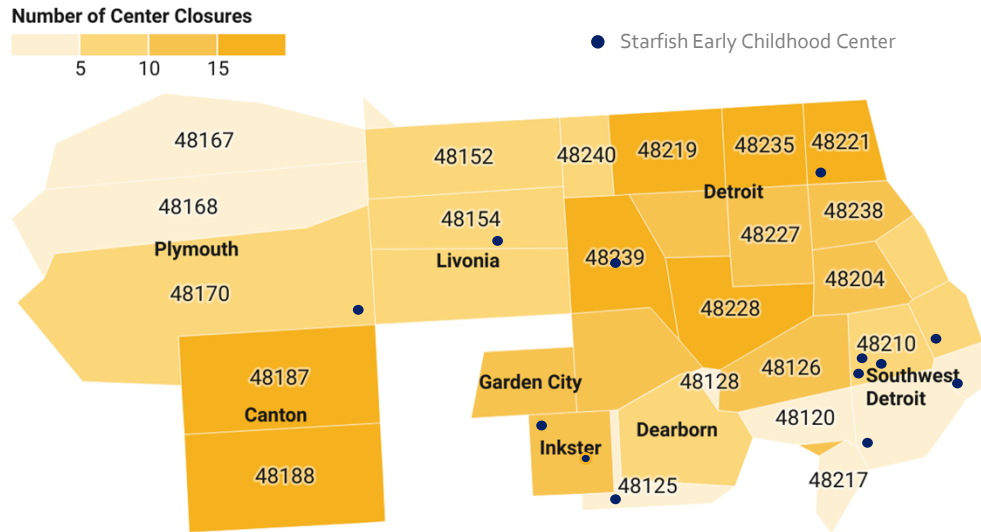
Expand capacity for infant/toddler early education.

CHILDCARE CLOSURES

The graph below shows areas in Central and Western Wayne County that have experienced higher levels of childcare center closures over the past three years. This reflects both traditional childcare centers, like Starfish Head Start and Early Head Start, along with childcare options provided in family/group homes. These are also the same areas where there are fewer centers available for children under five.



Starfish centers are located in areas with **less center closures**
 Number of Childcare Centers Closures in the last 3 years



HOW COULD STARFISH SUPPORT?
 Expand Starfish centers in areas that have experienced more closures.

Source: State of Michigan Licensing and Regulatory Affairs (2021) • Created with Datawrapper

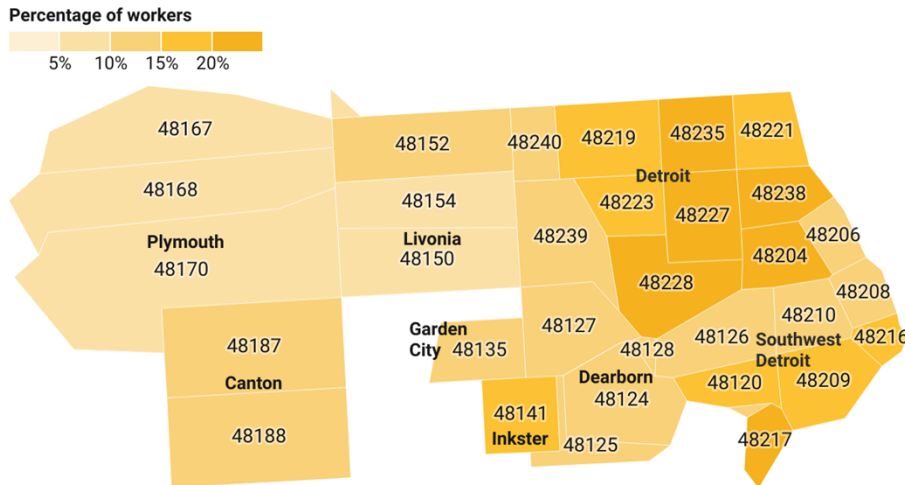
CHILDCARE FOR NONSTANDARD HOURS

Childcare availability for caregivers that work nonstandard hours are limited in a handful of cities in Starfish's service area. As shown on the map below, the total capacity of childcare centers that provide services to children under five that are open during nonstandard work hours (4pm-4:59am) and weekends are very limited in Western Wayne County (Plymouth, Garden City, Inkster, Dearborn) and southwest Detroit (Great Start to Quality, 2021).

The graph on the right shows the percentage of the workforce that works nonstandard hours¹⁴. A comparison between the availability of flexible early childcare options to the population of the workforce that works nonstandard hours reveals a potential need for expanded opportunities in the communities of Garden City, Inkster, and Southwest Detroit.

Detroit holds the greatest concentration of workers who work nonstandard hours

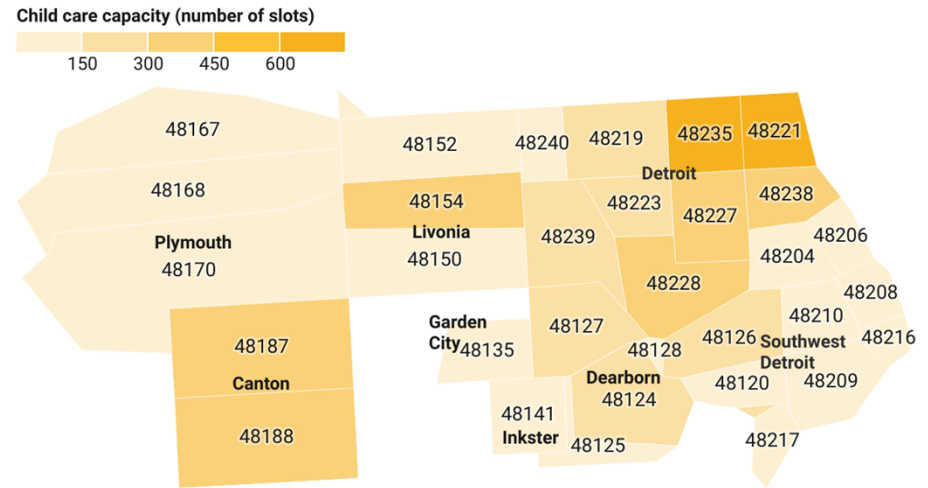
Percentage of workers (who do not work from home) who work nonstandard work hours (4p.m.-4:59a.m.)



Source: Census. American Community Survey (2019, 5-year Estimate, Table B08302) • Created with Datawrapper

Opportunities exist to meet the need for expanded childcare options throughout Wayne County for families with nonstandard work hours

Total capacity of childcare centers that provide services to children under five that are open during nonstandard work hours (4p.m.-4:59a.m.) and weekends



Source: Great Start to Quality (2021) • Created with Datawrapper

HOW COULD STARFISH SUPPORT?

Offer before and after care services

¹⁴Census. American Community Survey (2019, 5-year Estimate, Table B08302)¹³Mathematica (2021). Starfish Focus Group Summaries.

Starfish Opportunity Index: Successful Students

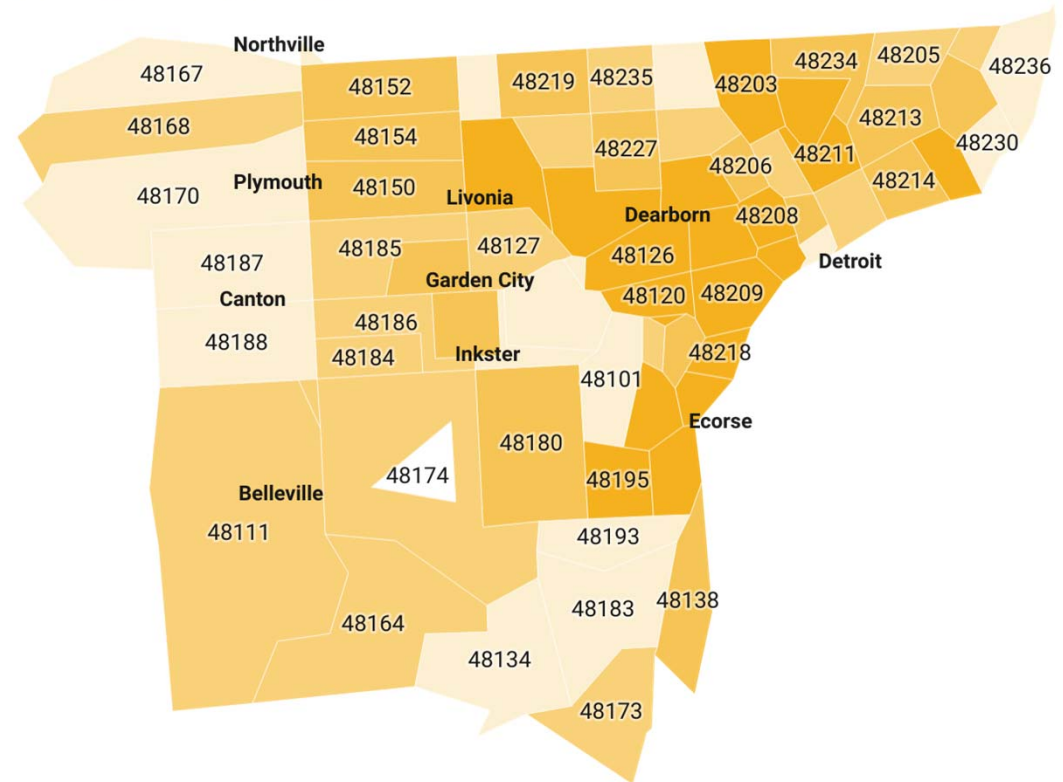
In the area of **Successful Students**, zip codes in Detroit as well as Down River offer opportunities for additional Starfish support in promoting School-Ready Children. This support could include offering additional adult education resources, advocacy at the school district level or strategic placement of childcare center locations in these service areas. **19% of the Starfish service population resides in a High Starfish Opportunity area.**



INDEX INDICATORS

- Percent with less than HS Diploma
- Percent difference from State Average of Per Pupil Spending
- Childcare desert*

Successful Students Opportunity Index
 High Medium Low Very Low



Source: Census American Community Survey (2019, 5 year Estimates Table DP02). National Center of Education Statistics, Common Core of Data. Total Expenditures per Pupil (V33) 2017-18. Great Start to Quality (2021). • Created with Datawrapper

High Opportunity Zip Codes

Zip Code	City
48210	Detroit
48209	Detroit
48192	Wyandotte
48229	Ecorse
48212	Detroit
48120	Dearborn
48211	Detroit
48146	Lincoln Park
48126	Dearborn
48218	River Rouge
48195	Southgate
48216	Detroit
48228	Detroit
48204	Detroit
48203	Detroit
48239	Redford
48208	Detroit
48215	Detroit

*Childcare Desert defined as Ratio of children ages 0-5 to the number licensed childcare spots > 3



What does 'Community' mean?

"Our homes are a wonderful place for our children to explore. My 4- & 5-year-old sons found this humongous 4-5" long tomato hornworm caterpillar in our backyard. Even though it was a pest, it was fun to discover what species it was with my children. **Not all bad things have to be bad. Sometimes, [you] can teach your children things by just being alive.** I stress all parents to not just look at the fact that it was around to eat our tomato plants, but it was something that made my children seriously wonder & be in awe of its size."

**-Starfish Family Services
Photo Voice Participant**



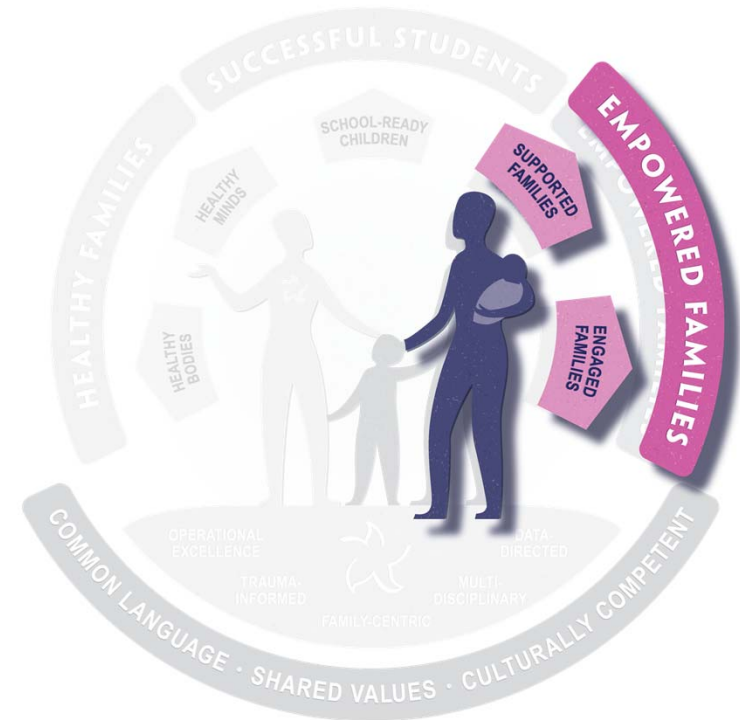
WHAT OPPORTUNITIES EXIST TO SUPPORT
EMPOWERED FAMILIES?

WHAT OPPORTUNITIES EXIST TO SUPPORT EMPOWERED FAMILIES?

Supported and engaged families have access to rich and connected community resources that help meet daily needs that promote safety and stability. This section outlines the availability of community level resources and areas where families may need further support and connection.

Key Takeaways

- Detroit unemployment rates over the last ten years have remained consistently higher than Wayne County and Michigan averages.
- Poverty levels are markedly higher in Detroit compared to Wayne County and Michigan.



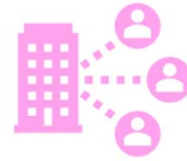
INDICATORS

- Unemployment rate
- Median Incomes and poverty rates
- Homeownership rates
- Income to rent ratio
- Homelessness
- Transportation availability and access
- WIC, SNAP, Food Stamp Enrollment
- Food Insecurity

Employment

Wayne County is home to Detroit, the largest city in Michigan. Detroit is known for being a central hub to automobile manufacturers. The Big 3 automobile manufacturers (Ford Motor Company, Fiat Chrysler, and General Motors) are the top employers in Wayne County¹⁵. Healthcare, Educational, and Social Assistance are the top industries employing workers in the county. Specifically, among the top 10 employers in the county, nearly half are health care systems.

TOP INDUSTRY EMPLOYERS IN WAYNE COUNTY



- “The Big 3” Automakers
- Health Care Systems
- Education
- Social Assistance

WHAT DID THE STARFISH COMMUNITY TELL US ABOUT COVID-19 IMPACT ON EMPLOYMENT?

Focus group respondents spoke to the impact of COVID-19 on employment. One respondent has had to stop working to take care of her children and no longer has time to pursue higher education which has put a stop to career advancement. Another respondent reported being self-employed, allowing her to bring her kids to work. Otherwise, they would not have access to childcare options if she couldn't take her kids to work.

“Covid has changed everything. I’m in my own world of uncertainty. I don’t know when my normal will come back. Or get back on my feet.”

-Starfish Family Services
Focus Group Participant



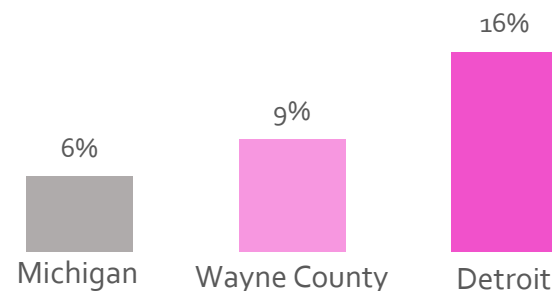
¹⁵Detroit Regional Chamber 2018.

UNEMPLOYMENT

Unemployment rates are higher in Detroit, when compared to Wayne County and Michigan. Following 'The Great Recession' in 2008, unemployment rates were decreasing until 2020 when the COVID-19 pandemic had a significant impact on the unemployment rate in Wayne County. From May 2019 to May 2020, the number of individuals unemployed rose to 204,669 individuals (27%) which was a 438% change from the year prior. Since the pandemic, the unemployment rate has significantly declined, and is now at 47,729 (6%) (June 2021)¹⁶. The city of Detroit was hit hardest by the COVID-19 pandemic. Unemployment rates rose to 40% in May 2020 and have dropped to 11%.

Detroit's unemployment rate is nearly **triple** that of Michigan

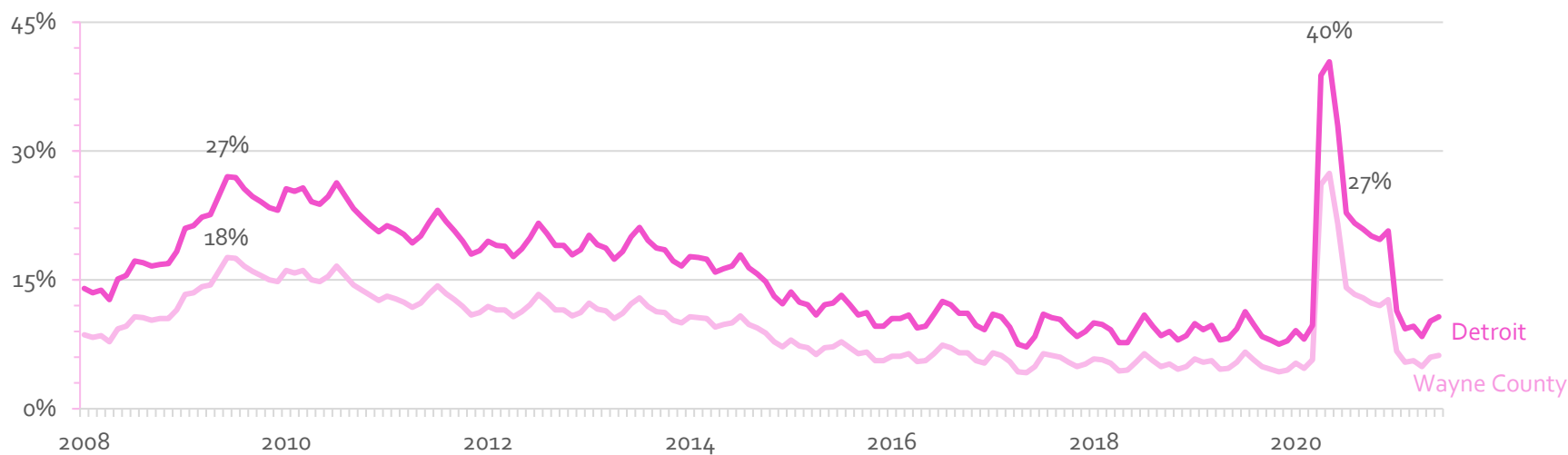
Unemployment rates across regions



Source: Census American Community Survey (2019, 5-year Estimates Table DP03)

Unemployment has dropped since 'The Great Recession' but **increased substantially at the start of the COVID 19 pandemic**

Unemployment rates from 2008-2021 across Wayne County and Detroit



Source: Census American Community Survey (2019, 5-year Estimates Table DP03)

¹⁶Bureau of Labor Statistics (2021). Local Area unemployment Statistics, 2009-2021.

Income

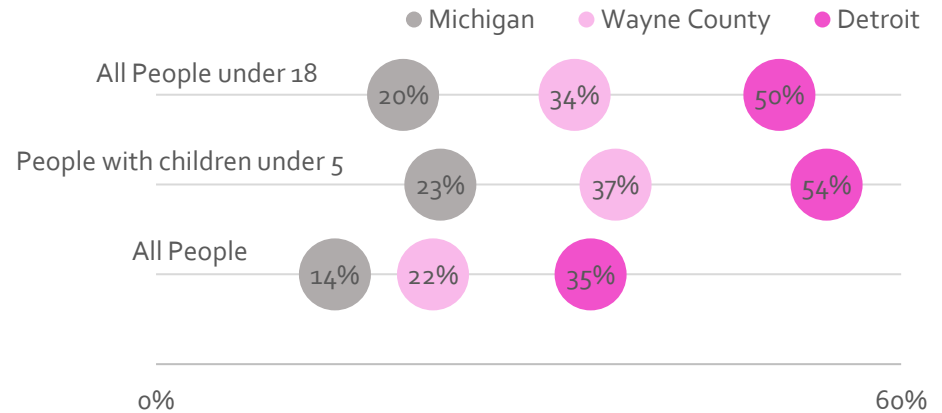
POVERTY LEVELS

As displayed on the graph to the right, poverty levels are highest in the City of Detroit, especially for children. Rates of childhood poverty amongst our youngest children range from 79% in areas of Southwest Detroit to 25% in northern Detroit. Wayne County poverty levels are also higher compared to the state of Michigan.

The median income of Detroit residents (\$30,894) is 16% above the federal poverty level for a family of four while the median income for a family of four on average in Michigan (\$57,144) is more than double the federal poverty level¹⁵.

Poverty levels are markedly higher in Detroit

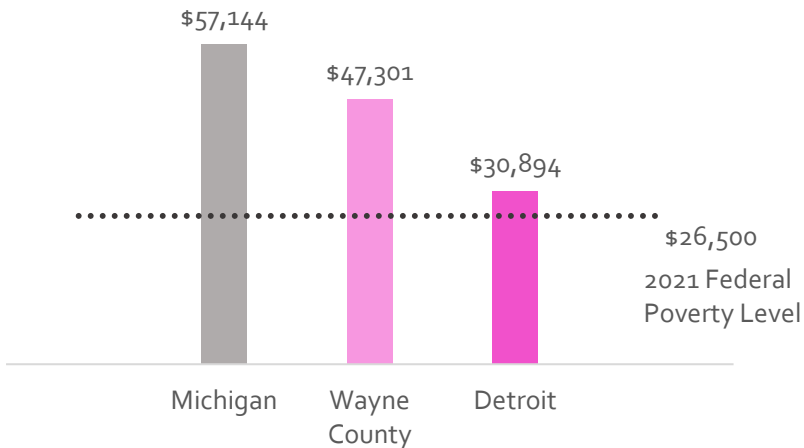
Poverty levels across regions and age-related demographics



Source: Census American Community Survey (2019, 5-year Estimates Table DP03)

Detroit median incomes are disproportionately lower than Michigan

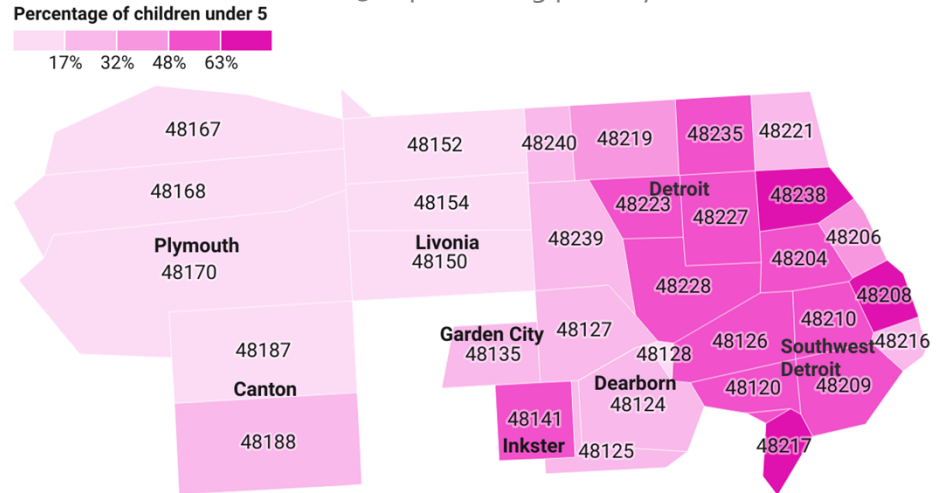
Median income across regions



Source: Census American Community Survey (2019, 5-year Estimates Table DP03)

Poverty levels of children under 5 are highest in Detroit and Inkster

Percent of Children under 5 experiencing poverty



Source: Census. American Community Survey (2019, 5-year Estimate, Table B08302) • Created with Datawrapper

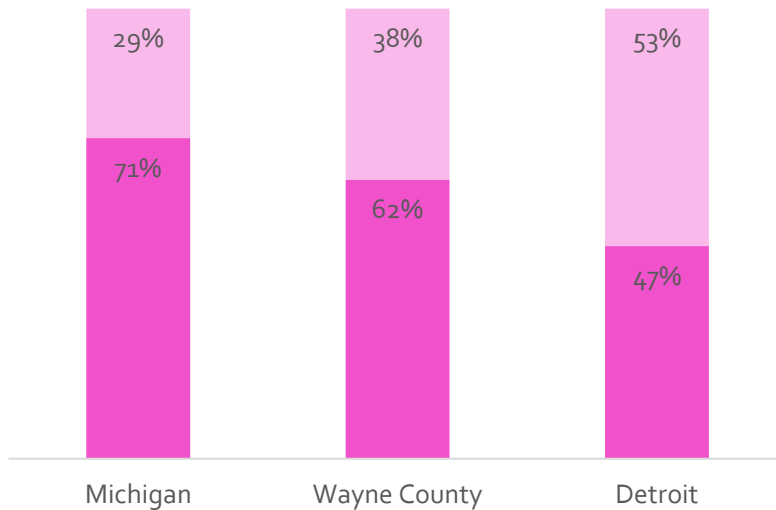
¹⁵Detroit Regional Chamber 2018.

Housing

Home ownership rates in Wayne County and Detroit are lower than state averages. A higher percentage of Detroiters rent (53%) rather than own. Renters are increasingly spending more of their monthly income on rent (2014-2019). In Michigan, 45% of renters spend more than one-third of their monthly income on rent. That proportion is even greater in the City of Detroit (59%)¹⁷.



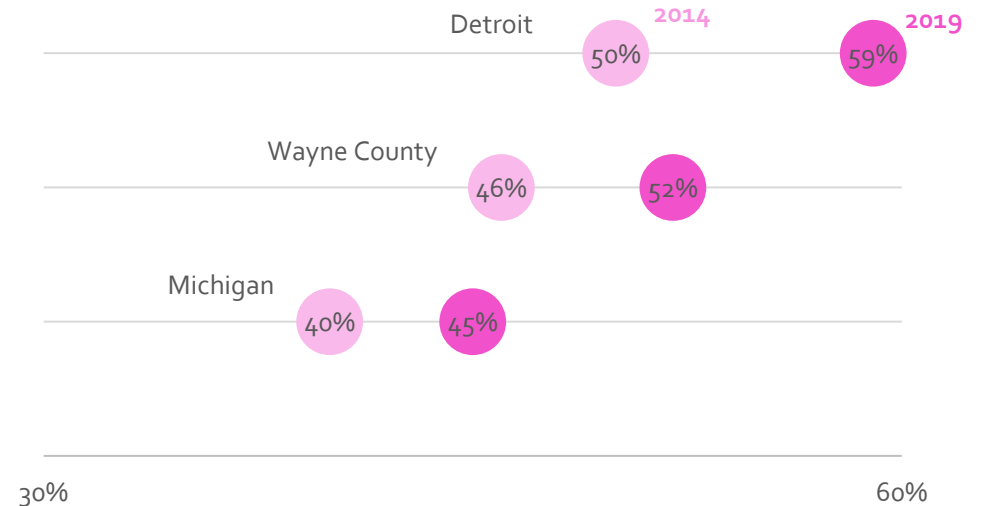
Homeownership rates are **lower** in Wayne County and Detroit compared to Michigan
Rates of **homeowners** versus **renters** across regions



Source: Census American Community Survey (2019, 5-year Estimates Table DPo4)

Percent of **renters** who **spend more than a third of their income on rent** are going up

Percentage of renters who spend more than one-third of their income on rent in **2014** and **2019**



Source: Census American Community Survey (2019, 5-year Estimates Table DPo4)

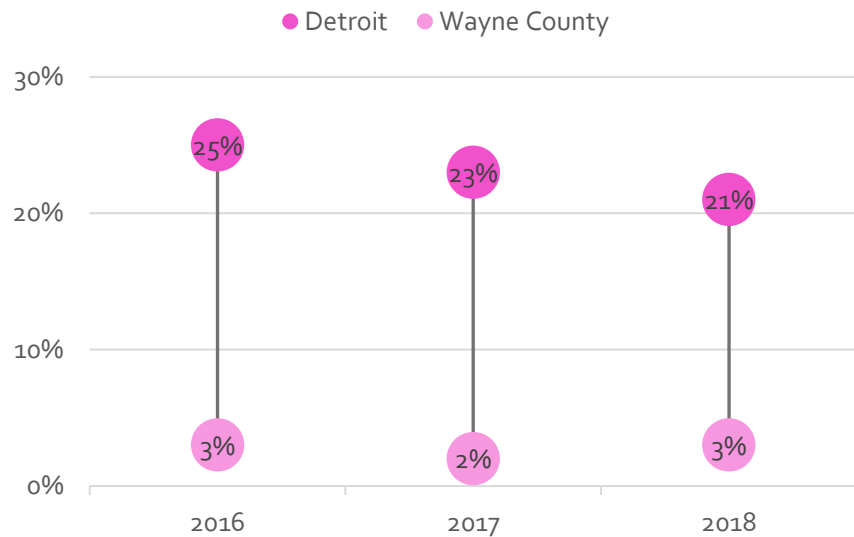
¹⁷Census American Community Survey (2019, 5-year Estimates Table DPo4)

HOMELESSNESS

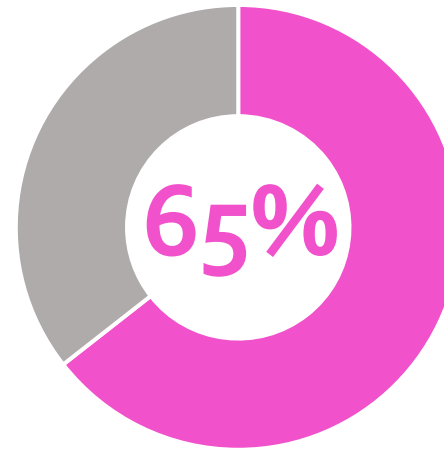
While Michigan's percent of homeless individuals in Detroit have decreased over time, we see that in 2018, the number of homeless and unaccompanied youths under 25 are higher in Detroit compared to Wayne County. Of the homeless individuals in Wayne County, a large percentage (65%) are homeless families¹⁸.

Although trending down, **over 20%** of Michigan's homeless population were in **Detroit in 2018**, substantially higher than **Wayne county**

Percent of State Homelessness by Region 2016-2018



Source: National Alliance to End Homelessness (2001-2018)



Of Wayne County homelessness in 2018 occurred in **families**

HOW COULD STARFISH SUPPORT?
 Focus recruitment efforts on people and families experiencing homelessness to connect them with needed services.

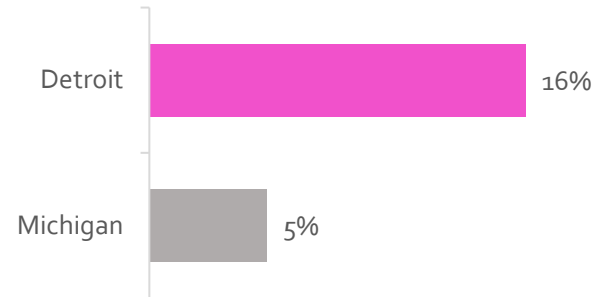
¹⁸ National Alliance to End Homelessness (2001-2018)

Transportation

Lack of reliable public transportation is a challenge for getting to work, school, and appointments, and can also be a barrier to accessing community resources. Across the Starfish service area, 88% of families drive a vehicle to work. In Detroit specifically, 8% of working adults utilized public transportation to get to work, compared to only 3% in Wayne County. The transportation disparity is most prominent in the City of Detroit, where 16% of children live at a home without a vehicle (compared to 5% rate in Michigan)¹⁹.

The percentage of **children** who live in a **home without a vehicle** is **3 times greater in Detroit** than Michigan

Percent of Children without a Vehicle in the Home



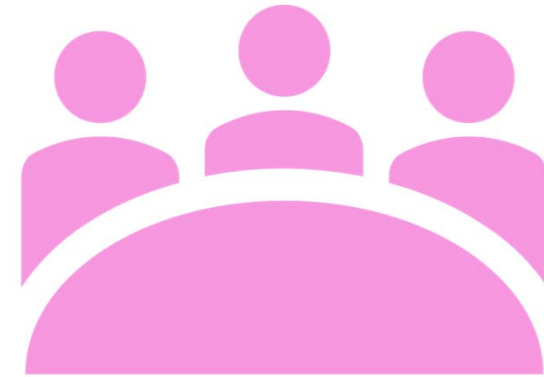
Source: Kids Count (2019, Children Without a Vehicle at Home)

WHAT DID THE STARFISH COMMUNITY TELL US ABOUT TRANSPORTATION?

Focus Group participants agreed that the bus routes in Wayne County are not reliable or comprehensive. Respondents utilize other ride-share services like Uber and Lyft.

“If you don’t have transportation, that means you don’t have access to resources.”

-Starfish Family Services
Focus Group Participant



¹⁹U.S. Census Bureau (2019). American Community Survey.

Environment and Access to Outdoor Spaces

In 2018, Wayne County did not experience any water quality violations, however, had the highest air pollution of all Michigan counties (11.5 Average Daily Amount of fine particulate matter in micrograms per cubic meter). Additionally, more Detroit residents have asthma (16%) when compared to the residents of Wayne County (11%)⁵.

Overall, 21% of Michiganders report participating in adequate physical activity. While more Wayne County residents report adequate physical activity (24%), Detroit residents report lower than both the state and county (18%).



Wayne County had the highest **air pollution** of all Michigan counties in 2018.



⁵Michigan Behavioral Risk Factor Surveillance System Regional & Local Health Department Estimated December 2020 (2017-2019). Table 18. Retrieved from https://www.michigan.gov/documents/mdhhs/2017-2019_MiBRFSS_Reg_LHD_Tables_714467_7.pdf

²¹USDA, Economic Research Service (2018).

Food Access

In Wayne County, approximately 3% of low-income households live one mile or more from a grocery store or supermarket. In Michigan, approximately 13% of households reported being food insecure and 5% are very food insecure, though rates of food insecurity in Michigan have steadily declined since 2013.

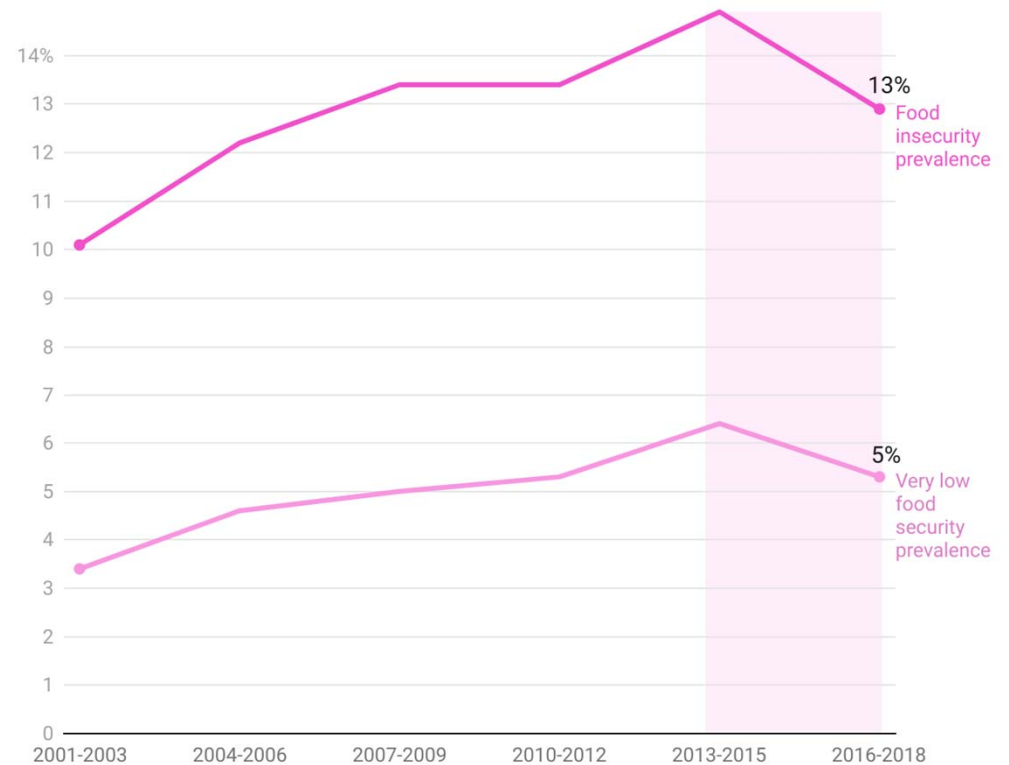
WHAT DID OUR STARFISH COMMUNITY TELL US ABOUT FOOD ACCESS?

Focus group respondents noted that food access is still a gap (before and after COVID-19). Families desire fresh fruits and vegetables and voiced that these options are needed at food distributions and other food access resources (such as food pantries). Families also struggle to consistently meet the dietary needs of their children.



The percentage of Michigan residents experiencing food insecurity dropped between 2013 and 2019

Food Insecurity and Very Low Food Insecurity prevalence in Michigan



Source: USDA Economic Research Service (2019) • Created with Datawrapper

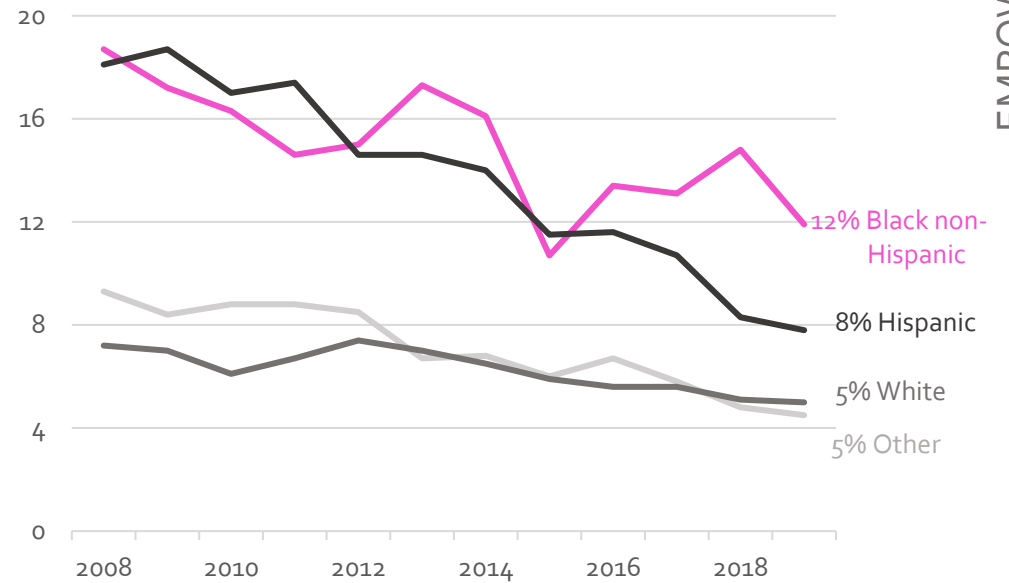
FOOD INSECURITY BY RACE/ETHNICITY

Though rates of food insecurity have steadily declined over the last ten years across all groups of children by race and ethnicity, Black and Hispanic children experience higher rates of food insecurity in the United States.



Black children in the U.S. experience **disproportionally higher rates of food insecurity** compared to white children

Food Insecurity among households with children (2008-2019)

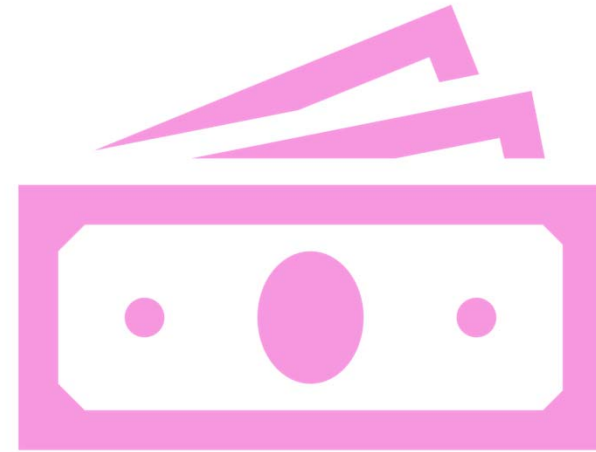


Source: USDA Economic Research Service

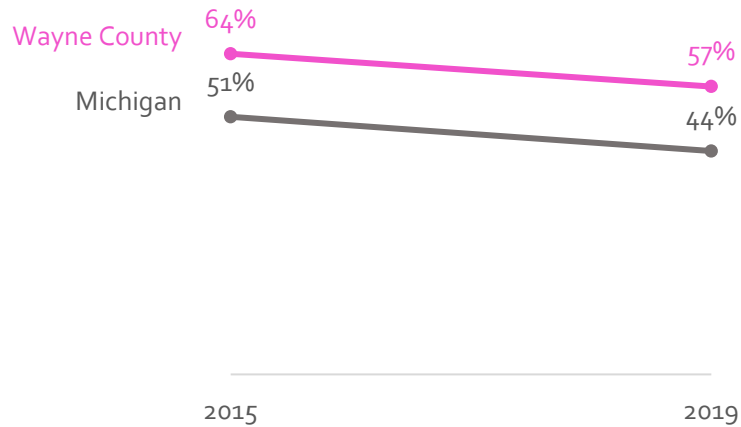
Social Supports and Resources

FINANCIAL PROGRAMS

Approximately 57% of Wayne County children 0-4 were enrolled in the Woman, Infants, and Children (WIC) program in 2019. Rates of children enrolled in the WIC program have declined each year since 2015. Rates of participation in SNAP and Food Stamp programs are highest in Detroit (38% of residents), and Wayne County (23%) is also higher than the state of Michigan (13%).

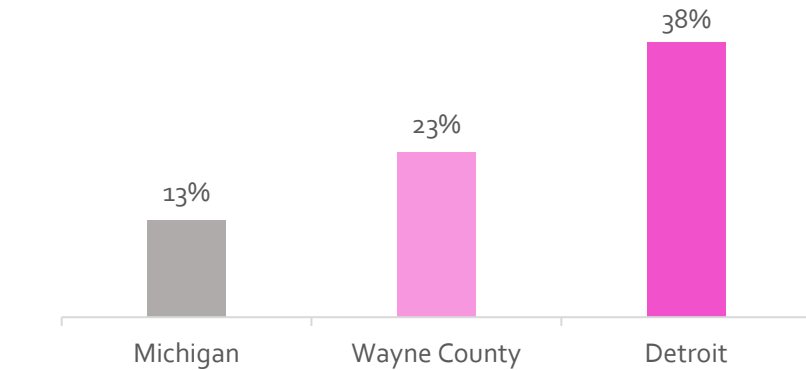


Rates of **WIC enrollment** have been **declining** in **Wayne county** and **Michigan** since 2015
Percent of Children ages 0-4 enrolled in WIC



Source: Census American Community Survey (2019, 5-year Estimates Table DP03)

Detroit participation rates in **Food Stamp/SNAP programs** are **nearly triple** the Michigan rate
Food Stamp/SNAP Usage by Region



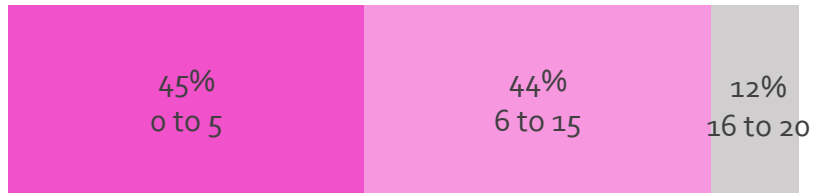
Source: Census American Community Survey (2019, 5-year Estimates Table DP03)

FOSTER CARE

There are approximately 13,000 children in foster care in Michigan, which includes 3,279 children in Wayne County²⁰. Approximately 45% of the children in foster care are five years old or younger while another 44% are between the ages of six and fifteen.

Nearly 90% of all Michigan children in foster care are **fifteen years old or younger**

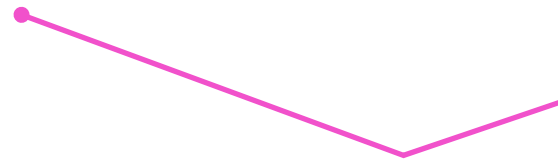
Percent of Foster Care by Age in Michigan



Source: Kids Count (2019, Children 0-17 in Foster Care)



Over 1 in 4 children in foster care in Michigan are from **Wayne County**



HOW COULD STARFISH SUPPORT?

Focus recruitment efforts on children in foster care to ensure they receive needed services.

²⁰MDHHS (2019) Obtained from <https://www.detroitnews.com/story/news/local/michigan/2019/05/11/michigan-needs-more-foster-mothers-and-fathers/1094329001/>.

WHAT DID OUR STARFISH COMMUNITY TELL US ABOUT COMMUNITY RESOURCES?

Supportive Resources

Feedback from focus group participants revealed that the following community resources are supportive to residents' needs, especially during the COVID-19 pandemic.¹³



Food distributions & household item distributions through Gleaners, Starfish, and other community organizations



Financial assistance to help pay for rent or utilities from sources including:

- Wayne Metro for utilities
- Michigan Department of Health and Human Services for utilities
- United Community Housing Coalition for rental assistance and help waiving late payment fees



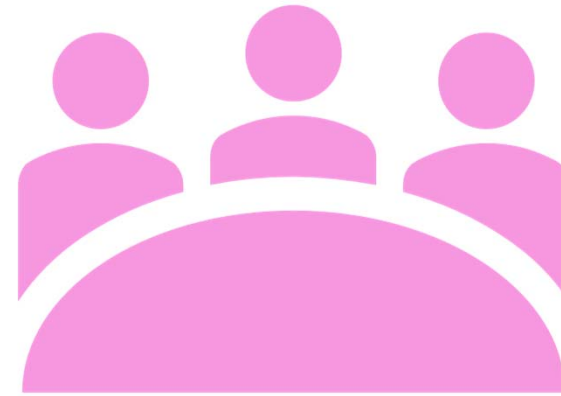
Parenting Classes through CARE Michigan



Language accessible medical support



Technology resources – Addressing the digital divide by providing access to computers, tablets, and internet access stipends/vouchers



Resource Gaps

The following gaps were identified by focus group participants, especially during the COVID-19 pandemic:

- **Access to appropriate behavioral health or special education services** for children with disabilities while schools are remote.
- **Access to other types of financial assistance** like home improvement loans or homeless services because many are not working or working less during COVID-19.
- **Social Support Opportunities** for caregivers or children to socialize with each other
- **Reliable childcare** for working caregivers or caregivers going to school

¹³Mathematica (2021). Starfish Focus Group Summaries. Internal Starfish Family Services report. Unpublished.

Starfish Opportunity Index: Empowered Families

In the area of **Empowered Families**, zip codes in Detroit, Dearborn as well as Down River offer opportunities for additional Starfish support in promoting Supported and Engaged Families. This support could include direct partnerships with public assistance programs, additional mortgage and financial resources, offering virtual options when possible for those without transportation, and access to translation services. **14% of the Starfish service population resides in a High Starfish Opportunity area.**



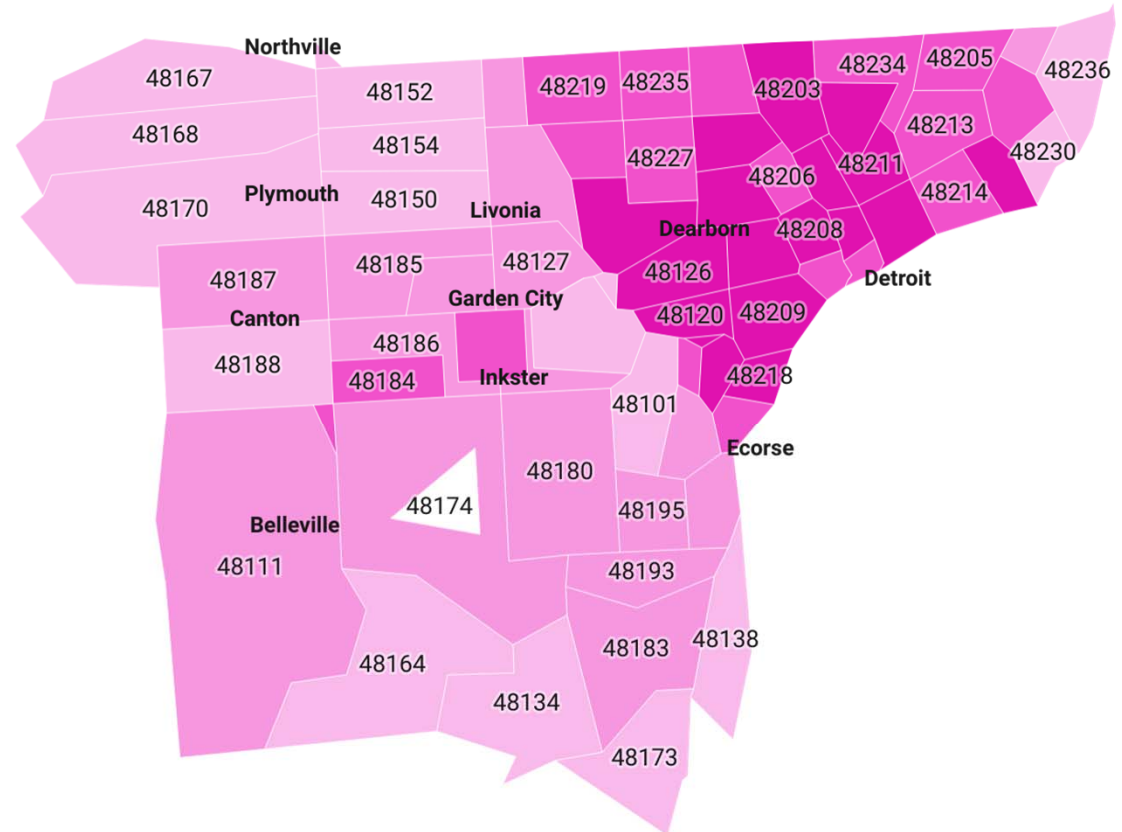
EMPOWERED FAMILIES

INDEX INDICATORS

- Percent of families experiencing poverty
- Percent of rent versus own home
- Percent utilizing public assistance
- Percent without a vehicle in the home
- Percent with limited English proficiency

Empowered Families Opportunity Index

■ High ■ Medium ■ Low ■ Very Low



High Opportunity Zip Codes

Zip Code	City
48201	Detroit
48211	Detroit
48210	Detroit
48212	Hamtramck, Detroit
48208	Detroit
48209	Detroit
48238	Detroit
48203	Detroit, Highland Park
48126	Dearborn
48215	Detroit
48217	Detroit
48120	Dearborn
48218	River Rouge
48228	Detroit
48207	Detroit
48202	Detroit
48204	Detroit

Source: Census American Community Survey (2019, 5 year Estimates Tables DP02, DP03, DP04). • Created with Datawrapper



What does 'Community' mean?

"A community is empowered by the individuals who represent it and the value in which they provide. Garden City is a healthy community because as it is named "Garden" it continues to promote life into its City through land and the soil in which it was built on... Our community blooms as the flowers do from the earth and the soil that provides them food, shelter, and water. **The strength of a community comes from its people and the values in which they promote. A community is love, life, struggles, and achievements.** A community is togetherness in all events which comes its way. A community is not about its richness or its poverty level, it is the reflection of residents and what each one of them stands for. It is a melting pot of ideas, dreams, goals and innovations to be the best one can be in any capacity. Think about it....Have you ever seen a pig dressed to impress as our downtown Pig, Willy?..."

**-Starfish Family Services
Photo Voice Participant**



What does 'Community' mean?

"This is a picture of my daughter Maci playing at a local splash pad in Dearborn at Whitmore Bolles Park. Dearborn currently operates two no cost splash pads in the community. This picture was taken in 2016. I had lost my job of 13 years and was financially struggling. We spent many summer days cooling off here. My three girls played with other children and burned off energy. There are clean bathrooms with changing tables and a gate that latches to keep littles ones safely inside. I think this is a great resource for families with small children."

**-Starfish Family Services
Photo Voice Participant**



PROCESS OVERVIEW & METHODOLOGY

Methodology

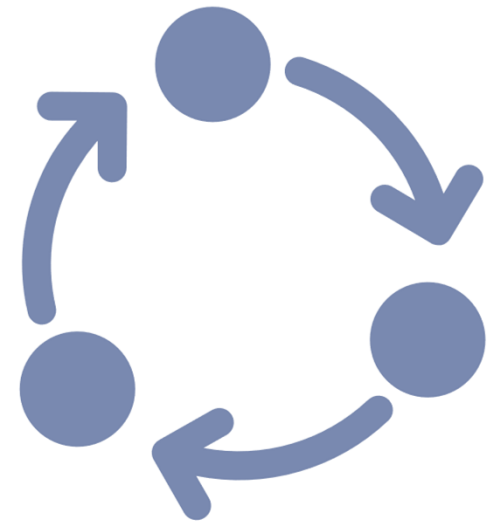
Information collected for this community needs assessment was gathered through primary and secondary data analysis, and review of internal and external reports. In 2021, Starfish surveyed 523 clients to gather their perceptions of the community's need. Topics in this survey included the availability of resources, service needs, and community strengths.

Starfish partnered with Altarum Institute to understand the impact of COVID-19 on the provision of behavioral health services in Wayne County and partnered with Mathematica Policy Research to conduct a series of six focus groups with current Starfish clients and Starfish employees to better understand the current needs of Starfish clients and surrounding communities.

This needs assessment was developed in partnership with Starfish clients. The preliminary data from this assessment was reviewed with Starfish clients through a series of four data interpretation workshops. Through these workshops, service participants reacted to, provided interpretation, and challenged our assumptions around the data from their communities.

Additionally, this needs assessment utilizes Photovoice (Wang & Burris, 1997) to capture the needs and opportunities relevant within communities. Photovoice is a participatory community research methodology where community members document their concerns and strengths of their community through photography. Photovoice projects created by Starfish clients are showcased throughout this needs assessment and highlight the opportunities and strengths of their specific community.

For the purposes of this assessment, community was defined as Wayne County, Michigan. There are several areas where Wayne County is compared to the City of Detroit in order to highlight notable trends or patterns that speak to the lived experiences of the Detroit community.



²²Wang, C., & Burris, M. A. (1997). Photovoice: Concept, methodology, and use for participatory needs assessment. *Health Education & Behavior, 24*(3), 369-387. doi: 10.1177/109019819702400309

Index Methodology

Choosing indicators. The Starfish Opportunity Index is comprised of three sub-indices for each outcome of well-being as defined in the Starfish Blueprint for Brighter Futures service delivery model. Indicators chosen for each index considered Starfish client feedback regarding needs through survey data, focus group feedback and community data interpretation, as well as availability of Wayne County zip code level data. Indicators were also chosen within the context of current and potential services Starfish could provide to meet community needs.

Calculating indices. The mean, standard deviation and z-scores were calculated for each indicator across all zip codes in Wayne County. The z-scores for each outcome's indicators were averaged to produce the corresponding sub-index, with each indicator weighted equally.

$$Z_{HE} = (HE1Z + HE2Z + HE3Z + HE4Z + HE5Z)/5$$

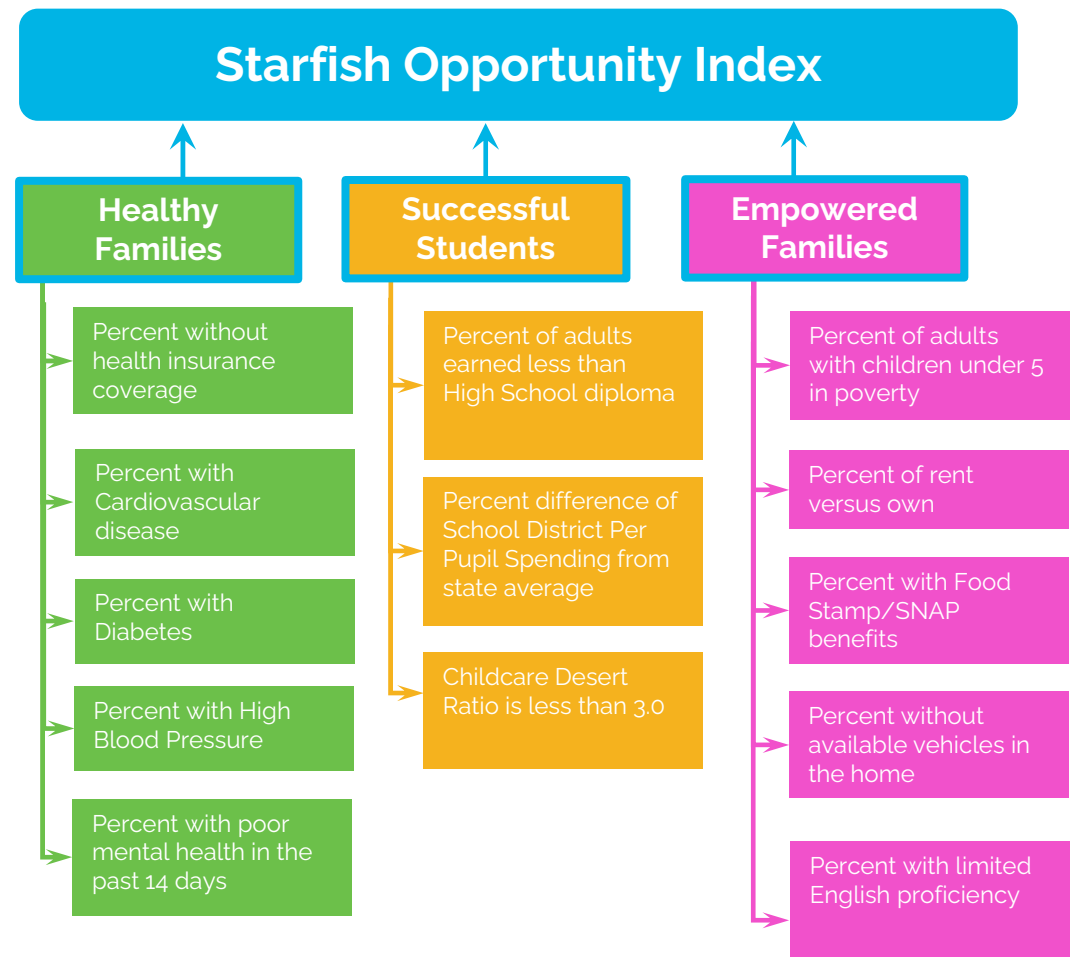
$$Z_{SS} = (SS1Z + SS2Z + SS3Z)/3$$

$$Z_{EM} = (EM1Z + EM2Z + EM3Z + EM4Z + EM5Z)/5$$

For each outcome sub-index, quartiles were calculated to categorize Very Low, Low, Medium and High Opportunity by zip code. Higher z-scores corresponded with higher needs or higher opportunity for Starfish to provide support in the outcome area. All three sub-indices were then averaged, with equal weight, to produce the Starfish Opportunity Index.

$$Z_{SFS} = (Z_{HE} + Z_{SS} + Z_{EM})/3$$

Background. This methodology mirrors a similar methodology used by Data Driven Detroit in the 2013 Starfish Community Needs Assessment. The "Neighborhood Opportunity Index" was developed in partnership with the Kirwan Institute and identified census tracts with Very Low to High Opportunity for the *population* residing in that tract. The Starfish Opportunity Index differs in: chosen indicators, granularity (zip code versus census tract) as well as interpretation of the index in which a High Starfish Opportunity Index = a High Opportunity for Starfish to provide new or additional supports.



Situated Knowledge

"Feminist Standpoint theory recognized the value of situated knowledge—acknowledging the perspectives and experiences of the knower and how those have shaped the knowledge they produce. Accordingly, we situate ourselves and the earning contexts in which we work"²²

AMANDA MILLIKEN (SHE/HER) - MANAGER OF EVALUATION AND RESEARCH

Before working for Starfish, she worked for the United States Agency for International Development (USAID) in Washington D.C. She experiences significant privilege from being white, able-bodied, cisgender, English speaking, a United States citizen, holding a graduate degree, among other things; and she experiences some oppression from being a woman. From a low socioeconomic, Polish American background, she grew up primarily in the suburbs of Detroit, Michigan. She is a first-generation college graduate who studied Biology and Psychology as an undergrad and received their Master's in Public Health from the University of Michigan, with a focus on health behavior, evaluation, and global health research. She approaches the evaluation work with the commitment to dismantling systems of oppression, working on the continued journey of equitably collecting, analyzing, and reporting data so that the data is the best representation of the lived experiences of those whom we are evaluating.

KORTNEY ONDAYKO (SHE/HER) – EVALUATION PROJECT MANAGER (FORMER)

Kortney Ondayko was an Evaluation Project Manager at Starfish Family Services from 2017 through July 2021. She is now a Senior Associate at Samvid Ventures in Detroit, MI. Kortney specializes in supporting organizations in making data driven decisions, implementing quality improvement and managing complex projects. Most recently, she graduated from Michigan State University with a Masters in Program Evaluation, the first in her family to do so. Before becoming an Evaluator, Kortney studied Women, Gender and Sexuality Studies and Nonprofit Administration at Grand Valley State University (GVSU). While at GVSU, she worked at the Women's Center and studied abroad in South Africa at the University of Cape Town. From a middle-class background, Kortney grew up in a primarily white suburb in Southeast, Michigan. She continues to live and work in Southeast MI, where she holds significant privilege from her whiteness, ability, education and cis-gendered identity. With training in evaluation and feminist theories, she acknowledges how her situated knowledge is created by her privileged experiences. She brings a commitment to her evaluation work to elevate voices and ideas that differ from hers through participatory methods.

²²D'Ignazio, C., & Klein, L. F., (2020). *Data Feminism*. The MIT Press.

VANIA ARZADON (SHE/HER) - EVALUATION SPECIALIST

Before becoming an Evaluator, she worked as a Data Analyst in various industries ranging from power generation to event marketing. A daughter of Philippine immigrants, she grew up in Southwest Florida, receiving largely private school education. After earning a degree in Economics from University of Central Florida, she grew her professional career in urban Orlando within the private sector. She then earned a graduate degree in Integral Economic Development Management from Washington D.C.'s Catholic University of America. Through this program, she trained in evaluation of international development programs, emphasizing impact on the holistic person through the lens of all the communities in which one lives. Since then, she has relocated to Southeast Michigan (outside of Starfish's Wayne County service area). She experiences significant privilege in her education, ability, and cis-gendered identity, among other identifiers, while experiencing some oppression based on her race and gender.

She comes to this needs assessment with an acknowledgement that her own situated knowledge may differ from those that are described here, while committing to humanize data and lift voices of those that big data often merely summarizes.

MEAGAN WISEMAN (SHE/HER) - EVALUATION SPECIALIST

Before becoming an Evaluator, Meagan worked for Starfish as a therapist in home-based and outpatient programs. She additionally served as a Coordinator of the Outpatient therapy programs. In these roles she worked clinically with infants, children, and adults across the lifespan. Her clinical work is largely informed by attachment theory, family systems, and trauma theory. In her time as program coordinator her work focused on staff development and the administrative side of the community mental health system. Prior to her professional work as a clinician, she spent several years working in early childhood education. Meagan is a first-generation college graduate who studied psychology and Women's & Gender Studies as an undergraduate and received her master's degree in Clinical Mental Health Counseling from Eastern Michigan University. From a middle-class background, she was born and raised in the suburbs of Detroit, MI. She experiences significant privilege from her whiteness, ability, cis gendered identity, and education. She experiences some oppression based on her gender. With years of training and professional work in the helping professions, she comes to her evaluation work with a commitment to improving the quality of service for children and families along with the experience of Starfish's greatest resource, employees.

KOI MITCHELL (SHE/HER) - EVALUATION ASSISTANT

Prior to working in this position, she worked for numerous research labs at Michigan State University. Within the research labs she studied health disparities, domestic violence, homelessness, childhood obesity, parenting stress, adolescent mental health, substance abuse, and more. She was also the first person in her family to receive an undergraduate degree as she graduated with a B.A in Psychology from Michigan State University. She is now a full-time graduate student at her Alma mater studying to earn her M.A in Program Evaluation. Upon graduation she hopes to assess mental health programs within marginalized communities. Raised in a lower-class household, Koi grew up within the inner city of Detroit, MI (Wayne County). As she now resides in Livonia, MI, a Detroit suburb, where she acknowledges her privilege from her education, ability, language, and cis-gendered identity. While she has privilege within those areas, she recognizes the oppression she experiences based on race, gender, and socioeconomic background. She comes to this Needs Assessment with a close connection to the clients being served and commitment to lifting their voices and experiences through her work.



APPENDIX

Starfish Family Services Locations

Location Name	Address
EARLY CHILDHOOD EDUCATION CENTERS – WESTERN WAYNE	
Crestwood Center (St. John Bosco Parish)	12100 Beech Daly Redford, MI 48239
Hiveley Center	30000 Hiveley Inkster, MI 48141
Livonia Center (St. Rafka Church)	32765 Lyndon St. Livonia, MI 48154
Plymouth/Canton Center (Allen Early Learning Academy)	11100 N. Haggerty Rd. Plymouth, MI 48170
Thorne Center (Great Start Readiness Program)	25251 Annapolis St. Dearborn Hts, MI 48125
Westwood Center*	26429 Michigan Ave. Inkster, MI 48141
EARLY CHILDHOOD EDUCATION CENTERS – DETROIT	
Cecil Center	5690 Cecil Ave. Detroit, MI 48210
Central Avenue Center (Our Lady of Guadalupe)	4330 Central Ave. Detroit, MI 48210
Covenant House Center	1450 25th St. Detroit, MI 48216
Fort Street Center	2237 S. Fort St. Detroit, MI 48217
Marygrove Early Education Center	8425 W. McNichols Rd. Detroit, MI 48221
Salvation Army Center	3737 Humboldt Detroit, MI 48208
Voyageur Center	4321 Military Detroit, MI 48210
BEHAVIORAL HEALTH CLINICS	
Starfish Behavioral Health Services – Inkster*	26429 Michigan Ave. Inkster, MI 48141
Starfish Behavioral Health Services - Livonia	18316 Middlebelt Livonia, MI 48152
Starfish Behavioral Health Services - Westland	35300 Nankin Blvd., Suite 601 Westland, MI 48185
Starfish Partnering with Parents Center (Dearborn Atrium)	835 Mason St., Suite B310 Dearborn, MI 48124

Service Population by Zip Code

Clients served between July 1, 2020, through June 30, 2021

Zip Code	City	N	%
48141	Inkster	239	10%
48186	Westland	168	7%
48180	Taylor	103	4%
48185	Westland	102	4%
48127	Dearborn Heights	95	4%
48174	Romulus	93	4%
48135	Garden City	86	4%
48239	Redford	83	4%
48228	Detroit	74	3%
48184	Wayne	72	3%
48187	Canton	69	3%
48240	Redford	66	3%
48210	Detroit	63	3%
48111	Belleville	62	3%
48188	Canton	62	3%
48219	Detroit	57	2%
48125	Dearborn Heights	56	2%
48235	Detroit	56	2%
48150	Livonia	54	2%
48124	Dearborn	42	2%
48152	Livonia	41	2%
48221	Detroit	36	2%
48209	Detroit	34	1%
48126	Dearborn	33	1%
48227	Detroit	33	1%
48154	Livonia	32	1%
48170	Plymouth	27	1%
48146	Lincoln Park	24	1%
48238	Detroit	23	1%
48218	River Rouge	22	1%
48204	Detroit	21	1%
48101	Allen Park	20	1%

Zip Code	City	N	%
48192	Wyandotte	20	1%
48223	Detroit	20	1%
48183	Trenton	18	1%
48224	Detroit	17	1%
48128	Dearborn	15	1%
48217	Detroit	15	1%
48134	Flat Rock	13	1%
48195	Southgate	13	1%
48229	Ecorse	12	1%
48234	Detroit	10	0%
48213	Detroit	9	0%
48122	Melvindale	8	0%
48206	Detroit	8	0%
48207	Detroit	8	0%
48208	Detroit	7	0%
48216	Detroit	7	0%
48225	Harper Woods	7	0%
48212	Hamtramck	6	0%
48167	Northville	5	0%
48193	Riverview	5	0%
48203	Highland Park	5	0%
48205	Detroit	5	0%
48214	Detroit	5	0%
48202	Detroit	4	0%
48230	Grosse Pointe	4	0%
48164	New Boston	3	0%
48201	Detroit	3	0%
48215	Detroit	3	0%
48120	Dearborn	1	0%
48168	Northville	1	0%
48173	Rockwood	1	0%
48226	Detroit	1	0%

Early Childhood Education Service Population by Zip Code

Enrolled Participants between July 1, 2020, through June 30, 2021

Zip Code	City	N	%
48141	Inkster	73	14%
48210	Detroit	51	10%
48127	Dearborn Heights	49	9%
48209	Detroit	23	4%
48187	Canton	20	4%
48125	Dearborn Heights	18	3%
48135	Garden City	17	3%
48186	Westland	17	3%
48228	Detroit	16	3%
48180	Taylor	15	3%
48188	Canton	15	3%
48150	Livonia	14	3%
48185	Westland	13	3%
48174	Romulus	11	2%
48239	Redford	11	2%
48221	Detroit	10	2%
48235	Detroit	10	2%
48152	Livonia	9	2%
48204	Detroit	9	2%
48219	Detroit	9	2%
48154	Livonia	8	2%
48170	Plymouth	8	2%
48184	Wayne	8	2%
48240	Redford	8	2%
48124	Dearborn	7	1%

Zip Code	City	N	%
48216	Detroit	7	1%
48218	River Rouge	7	1%
48146	Lincoln Park	6	1%
48217	Detroit	6	1%
48101	Allen Park	4	1%
48126	Dearborn	4	1%
48238	Detroit	4	1%
48128	Dearborn	3	1%
48208	Detroit	3	1%
48227	Detroit	3	1%
48229	Ecorse	3	1%
48111	Belleville	2	0%
48192	Wyandotte	2	0%
48201	Detroit	2	0%
48203	Highland Park	2	0%
48224	Detroit	2	0%
48225	Harper Woods	2	0%
48167	Northville	1	0%
48202	Detroit	1	0%
48205	Detroit	1	0%
48206	Detroit	1	0%
48207	Detroit	1	0%
48215	Detroit	1	0%
48226	Detroit	1	0%

Behavioral Health Service Population by Zip Code

Clients served between July 1, 2020, through June 30, 2021

Zip Code	City	N	%
48141	Inkster	166	9%
48186	Westland	151	8%
48185	Westland	89	5%
48180	Taylor	88	5%
48174	Romulus	82	5%
48239	Redford	72	4%
48135	Garden City	69	4%
48184	Wayne	64	4%
48111	Belleville	60	3%
48228	Detroit	58	3%
48240	Redford	58	3%
48187	Canton	49	3%
48219	Detroit	48	3%
48188	Canton	47	3%
48127	Dearborn Heights	46	3%
48235	Detroit	46	3%
48150	Livonia	40	2%
48125	Dearborn Heights	38	2%
48124	Dearborn	35	2%
48152	Livonia	32	2%
48227	Detroit	30	2%
48126	Dearborn	29	2%
48221	Detroit	26	1%
48154	Livonia	24	1%
48223	Detroit	20	1%
48170	Plymouth	19	1%
48238	Detroit	19	1%
48146	Lincoln Park	18	1%
48183	Trenton	18	1%
48192	Wyandotte	18	1%
48101	Allen Park	16	1%

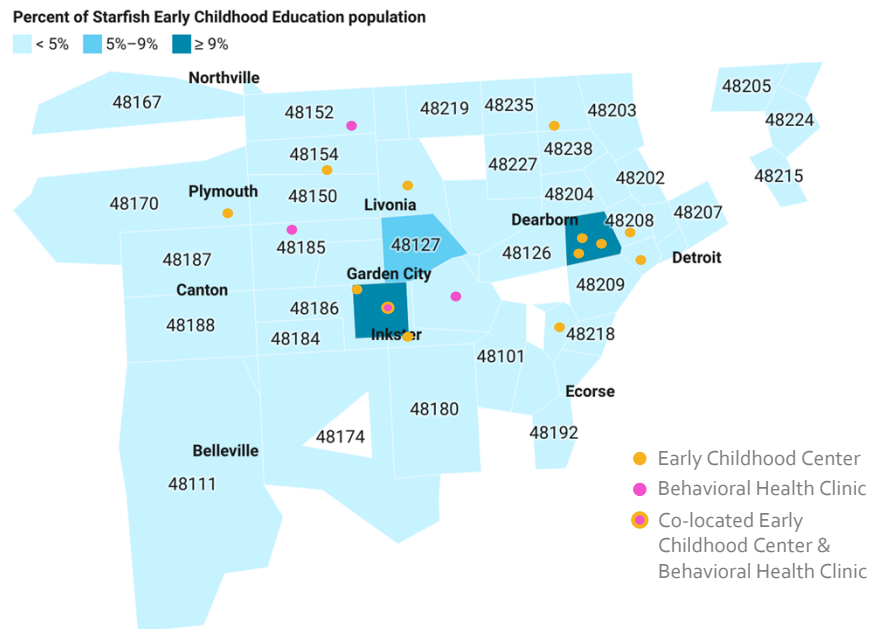
Zip Code	City	N	%
48218	River Rouge	15	1%
48224	Detroit	15	1%
48134	Flat Rock	13	1%
48195	Southgate	13	1%
48128	Dearborn	12	1%
48204	Detroit	12	1%
48210	Detroit	12	1%
48209	Detroit	11	1%
48234	Detroit	10	1%
48213	Detroit	9	1%
48217	Detroit	9	1%
48229	Ecorse	9	1%
48122	Melvindale	8	0%
48206	Detroit	7	0%
48207	Detroit	7	0%
48212	Hamtramck	6	0%
48193	Riverview	5	0%
48214	Detroit	5	0%
48225	Harper Woods	5	0%
48167	Northville	4	0%
48205	Detroit	4	0%
48208	Detroit	4	0%
48230	Grosse Pointe	4	0%
48164	New Boston	3	0%
48202	Detroit	3	0%
48203	Highland Park	3	0%
48215	Detroit	2	0%
48120	Dearborn	1	0%
48168	Northville	1	0%
48173	Rockwood	1	0%
48201	Detroit	1	0%

Service Population Maps

While Starfish provides early childhood education programming to specific areas of Western Wayne County and Detroit, children and families served through our behavioral health programming come from nearly all cities in Wayne County.

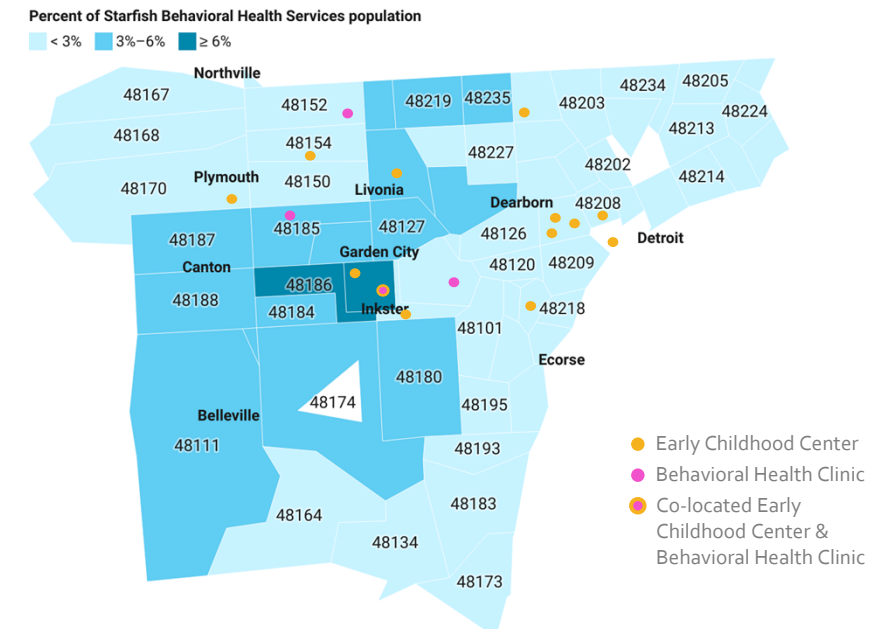
The map on the bottom left shows where Starfish's Early Childhood Education (ECE) population lives, whereas the map on the bottom right shows where Starfish's Behavioral Health Services (BHS) population lives. Looking at the two population separately, we can see that while the ECE population tends to be more spread out with a 3 concentrated zip codes, the BHS population is more concentrated in southwest Wayne County near Starfish Service locations.

Early Childhood Education



Source: Starfish Family Services (July 2021). Internal Starfish Service Population Demographics Report. Unpublished. • Created with Datawrapper

Behavioral Health Services

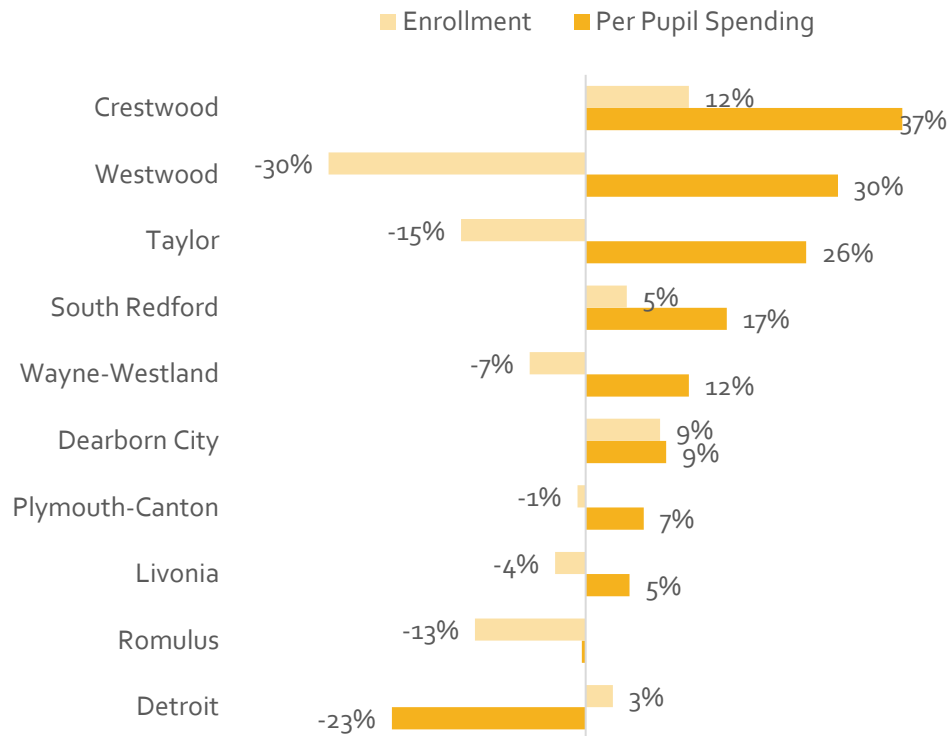


Source: Starfish Family Services (July 2021). Internal Starfish Service Population Demographics Report. Unpublished. • Created with Datawrapper

Per Pupil Spending & Enrollment

Per pupil spending is often related to student enrollment. If per pupil spending were changing over time due to enrollment changes, we would expect that as enrollment went down, per pupil spending would increase. This was not strictly the case for the schools in our service area, as seen in the graph below. This suggests that factors other than enrollment are at play in the change in per pupil spending between 2013/2014-2017/2018.

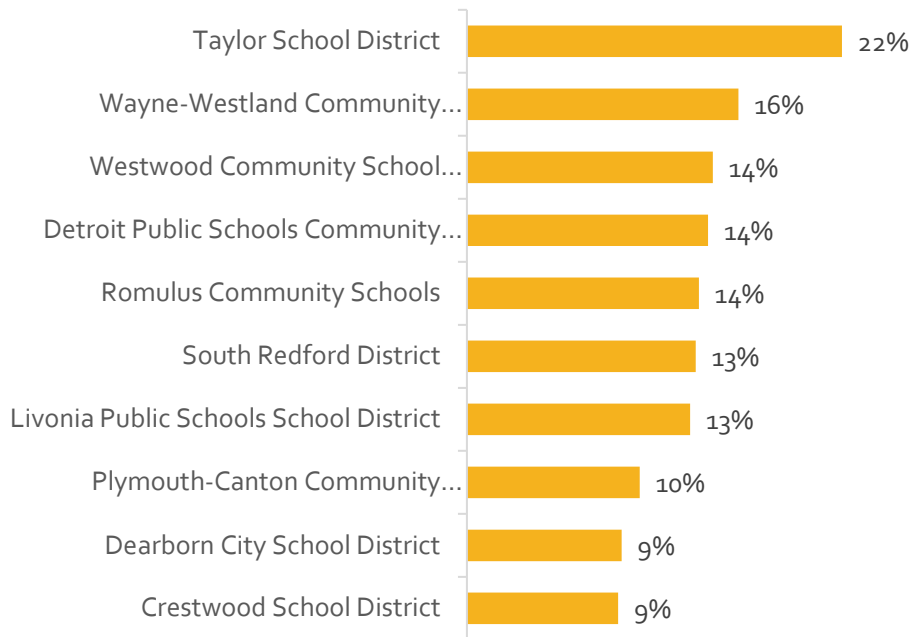
Change in Per Pupil Spending versus change in Enrollment from 2013/2014 – 2017/2018



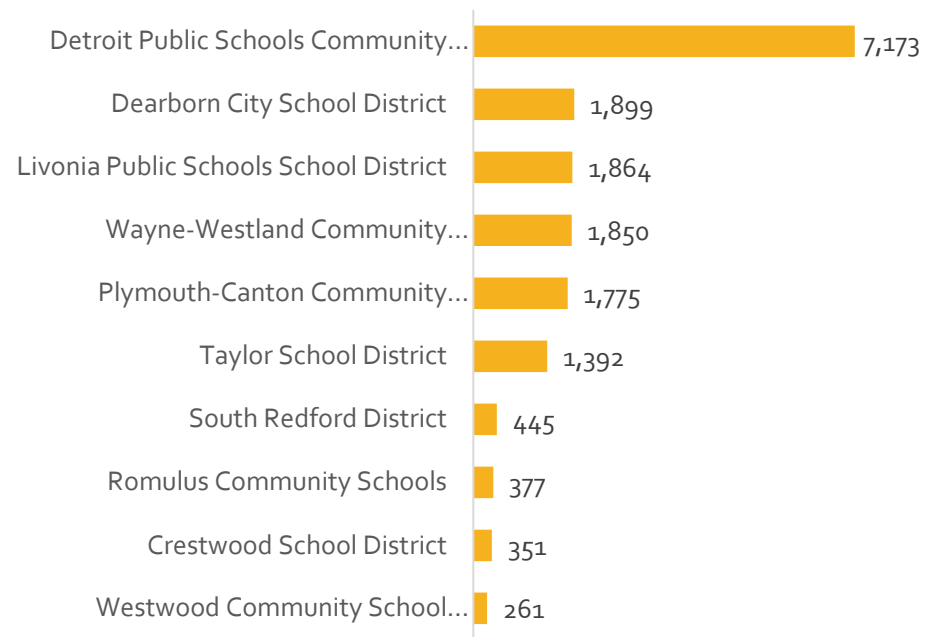
Special Education Students

The graph on the bottom left shows the percentage of children who receive special education services among the most populated school districts in Starfish's service area. Taylor School District serves the greatest proportion of students with disabilities in the county, followed by Wayne-Westland. The graph on the right shows the raw number of students receiving Special Education Services by district. While Taylor School District has the greatest proportion of their student receiving Special Education at 22%, Detroit Public Schools Community District has over five times as many students receiving Special Education (7,173).

Percent of Special Education Students



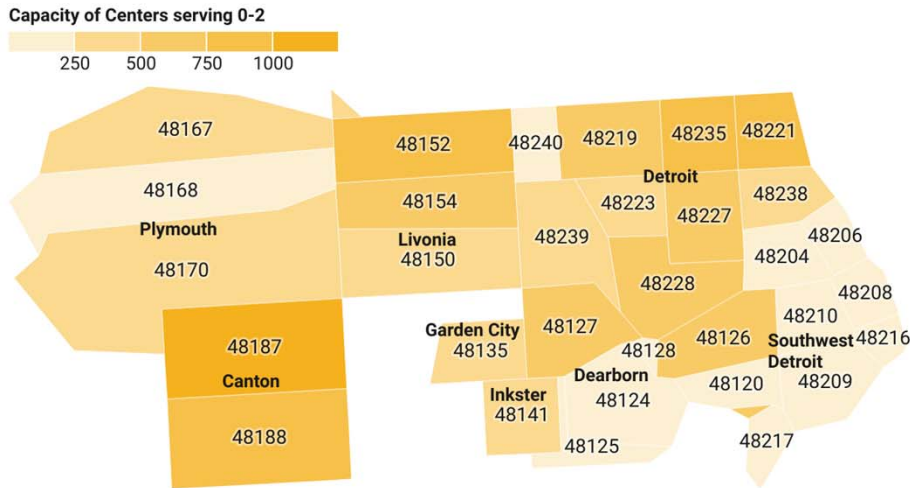
Number of Special Education Students



Childcare Capacity

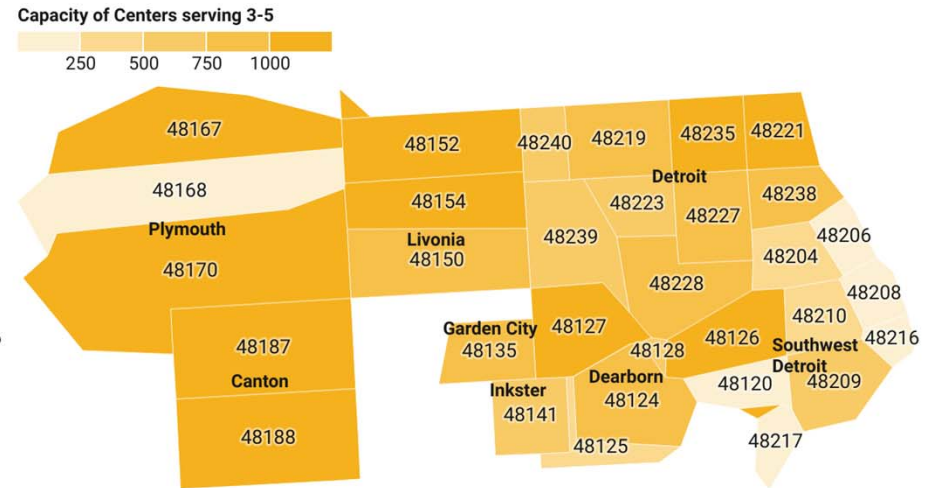
While the number of childcare options, as discussed in the Successful Students section of the report, provides a general sense of childcare availability in the area, an additional layer to consider is the capacity of the childcare options. The maps below show us the capacity (number of 'slots' available) of the childcare options reported on in the Successful Student section. Eastern and southern Wayne county have the lowest capacity for early childhood programming. Additionally, more childcare capacity exist in the area for preschool-aged children than do for infants and toddlers

Capacity of Childcare Centers Serving ages 0-2-years-old



Source: Great Start to Quality (2021) • Created with Datawrapper

Capacity of Childcare Centers Serving ages 3-5-years-old



Created with Datawrapper

Child Care Availability, Child Poverty, and Nonstandard Work Hours of Workers, Starfish ECE zip code service area

The table below outlines zip code level childcare capacity, eligible children, and adults that work nonstandard working hours (4pm-4:59am).

City	Zip Code	Number of Childcare Centers & Group Homes (serve children under 5)	Childcare Capacity (Number of slots for children under 5)	Number of childcare centers that are open evening, overnight, 24 hours, or weekends Centers (that serve children under 5)	Childcare Capacity for centers that are open nonstandard hours (Number of slots for children under 5)	Number of Children under 5	Number of children under 5 that are living in poverty	Percent of children under 5 living in poverty	Number of working adults that work nonstandard hours	Percent of adults that work nonstandard hours
Dearborn	48120	3	233	1	141	784	399	51%	337	15%
Dearborn	48124	14	942	3	194	1622	311	19%	1457	11%
Dearborn Heights	48125	10	454	4	87	1628	503	31%	1098	13%
Dearborn Heights	48126	14	1033	4	157	4118	2044	50%	1923	13%
Dearborn Heights	48127	14	1198	4	162	2155	552	26%	1341	10%
Dearborn	48128	5	516	1	36	690	81	12%	497	11%
Garden City	48135	8	849	0	0	1595	277	17%	1797	14%
Inkster	48141	11	598	3	29	2230	1297	58%	1574	18%
Livonia	48150	16	775	3	56	1649	45	3%	1252	9%
Livonia	48152	16	1274	2	100	1396	98	7%	1715	12%
Livonia	48154	24	2187	4	308	1658	62	4%	1619	9%
Northville	48167	14	1541	0	0	1186	58	5%	913	8%
Northville	48168	3	82	2	32	943	10	1%	493	5%
Plymouth	48170	16	1144	1	40	1186	112	6%	1269	7%
Canton	48187	25	2159	3	350	2807	263	9%	2459	10%
Canton	48188	17	1229	4	329	2239	411	18%	1996	10%
Detroit	48204	10	436	2	85	1948	1061	54%	1525	23%
Detroit	48206	5	132	3	69	1033	377	36%	747	14%
Detroit	48208	3	153	1	72	560	409	73%	397	14%
Detroit	48209	9	624	1	45	3121	1882	60%	1481	15%
Detroit	48210	8	462	1	57	2522	1445	57%	878	10%
Detroit	48216	1	50	0	0	319	91	29%	392	18%
Detroit	48217	3	96	1	6	266	209	79%	569	28%
Detroit	48219	29	1043	10	221	3173	1345	42%	2535	15%
Detroit	48221	28	1332	18	681	2101	518	25%	2439	16%
Detroit	48223	19	755	11	284	1703	902	53%	1516	16%
Detroit	48227	24	982	10	314	3155	1754	56%	2896	24%
Detroit	48228	26	1006	10	331	5607	3058	55%	3561	21%
Detroit	48235	31	1279	19	787	3244	1607	50%	2825	20%
Detroit	48238	13	794	5	337	1433	962	67%	1485	21%
Redford	48239	25	744	10	208	2686	780	29%	2275	14%
Redford	48240	15	663	5	147	966	206	21%	1045	13%