



TOLEDO
LUCAS COUNTY
SUSTAINABILITY
COMMISSION



GOING
BEYOND
GREEN

Toledo-Lucas County Sustainability Report Cards



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Acknowledgments

Toledo-Lucas County Sustainability Commission

- American Institute of Architects (AIA) Toledo
- American Rivers
- City of Toledo
- Civil and Environmental Consultants Inc.
- Heapy Engineering
- Keep Toledo/Lucas County Beautiful
- Libbey Glass
- Live Well Greater Toledo
- Lucas County Board of Commissioners
- Lucas County Department of Planning and Development
- Lucas County Land Bank
- Lucas County Solid Waste Management District
- Lucas Soil and Water Conservation District
- Metroparks Toledo
- Northwest Ohio Chapter of the United States Green Building Council (USGBC)
- Northwest Ohio Food Council
- Ohio Environmental Council
- Ohio State University Extension Lucas County
- Owens Corning
- ProMedica
- The JDI Group, Inc
- The Olander Park System
- Toledo Area Regional Transit Authority
- Toledo Community Development Corporation
- Toledo Community Foundation
- Toledo GROWS
- Toledo-Lucas County Plan Commission
- Toledo-Lucas County Port Authority
- University of Toledo
- Vistula Management Company

Stakeholders

- Alliance to Save Energy
- Aspire
- Cherry Street Legacy Project
- Children's Hunger Alliance
- City of Oregon
- City of Sylvania
- City of Toledo
- Columbia Gas of Ohio
- First Energy
- Ohio Lake Erie Commission
- Lake Erie Waterkeeper
- Local Initiatives Support Corporation
- Lourdes University
- Lucas County Engineers Office
- Lucas County Job and Family Services
- Lucas County Land Bank
- Lucas County Solid Waste Management District
- Mannik & Smith Group
- Minority Health Commission
- Oak Openings Region Conservancy
- Ohio Department of Natural Resources
- Ohio Environmental Protection Agency
- Palmer Energy
- Partners for Clean Streams
- ProMedica
- Regional Growth Partnership
- Sierra Club
- Stormwater Action Group

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- **Toledo Design Center**
- **Toledo Fair Housing Center**
- **Toledo GROWS**
- **Toledo Metropolitan Area Council of Governments**
- **Toledo-Lucas County Health Department**
- **Toledo-Lucas County Public Library**
- **Toledo-Lucas County Rain Garden Initiative**
- **Toledo Area Sanitary District**
- **United Way of Greater Toledo**

Introduction

In 2014, the Toledo-Lucas County Sustainability Commission (TLCSC) completed the community's first sustainability plan; Greater Toledo: Going Beyond Green (GBG) to guide the County's next steps toward sustainability. The Going Beyond Green sustainability plan embodies TLCSC's vision by outlining strategies to improve environmental health, promote social equity, and build a thriving economy in Lucas County. The GBG plan is organized around the three systems lenses of the "triple bottom line" - natural, social, and economic - with seven focus areas highlighted within these systems:

Priority Actions		
Natural Systems	 <p>Water Quality & Supply</p>	<p>**Develop a comprehensive, County-wide plan to protect and improve the quality of fresh water in the County's rivers and lakes.</p> <p>**Create a Green Infrastructure Portfolio Standard to expand the use of more natural ways to manage water that runs off our streets and other paved areas.</p> <p>Develop resources to encourage cities, residents, and businesses to work together and share ideas on water issues.</p>
	 <p>Land & Natural Resource Use</p>	<p>Protect more land for our region's wildlife and unique plant life, targeting urban and coastal areas along Lake Erie and building off the work done in the Oak Openings region.</p> <p>Develop a way for City Parks, Metroparks, and any other agencies to share ideas and practices to make the best use of parks, wildlife habitats, and other green spaces for the community.</p> <p>Support farmers in adopting best practices to help their farms remain productive while protecting the health of nearby lands and waters.</p>
Social Systems	 <p>Healthy, Active, & Safe Communities</p>	<p>**Encourage a "Complete Streets" transportation policy to increase options for biking and walking, and provide access to safe and affordable ways for people to travel around the region.</p> <p>Develop better ways to encourage growing, distribution, and access to locally grown and nutritious food throughout the region, with a particular focus on areas where access to nutritious food is most limited - sometimes called food deserts.</p> <p>Increase the level of education and outreach about local, healthy food to develop greater interest in and demand for local food.</p>
	 <p>Education, Engagement, & Empowerment</p>	<p>Develop programs to foster the development of strong youth/community leaders.</p> <p>Support, enhance, and expand the community's arts and cultural resources and strengthen industries that support individual creativity and innovation.</p> <p>Support and grow the ASPIRE initiative, which is working to improve education opportunities from cradle to career.</p>
Economic Systems	 <p>Community Vitality</p>	<p>Develop programs and policies that encourage connecting neighborhoods to nearby businesses and open spaces with walking and/or biking trails or sidewalks.</p> <p>Work with community groups to develop neighborhood Going Beyond Green plans and encourage grassroots implementation and ownership.</p> <p>Develop a regional Climate Action Plan.</p>
	 <p>Infrastructure Investments</p>	<p>Expand and build on the BetterBuildings program which provides financing for energy efficiency technology.</p> <p>Decrease the amount of energy businesses and governments use while increasing the amount of energy they get from renewable sources such as solar and geothermal.</p> <p>Develop tools and programs to encourage more people to ride public transportation.</p> <p>Support the solid waste management programs being implemented for residential, commercial and industrial entities decreasing reliance on landfilling while encouraging recycling and reaching waste reduction goals.</p>
	 <p>Economy & Workforce Development</p>	<p>**Support and grow locally-owned businesses and encourage local governments to shift purchasing to locally-produced products and services.</p> <p>Align programs aimed at growing job skills for residents with current and emerging needs of the region's primary industry clusters, with a particular focus on developing high-skilled careers.</p> <p>Enhance job training to preserve local manufacturing industries while also helping the region remain globally competitive as it transitions to industries such as advanced manufacturing technologies.</p>

** Catalyst Project: Priority action that will be the main focus for plan implementation in 2014-2015

Introduction

Sustainability Indicators

Along with the sustainability plan, the TLCSC manages an information management system (IMS) to track community sustainability indicators. The indicators are metrics that are measured annually to track our progress towards achieving our sustainability goals. The indicators directly align with the focus areas of the sustainability plan, to demonstrate the progress that Toledo-Lucas County is making as a community toward greater sustainability.

Indicator	Description	Baseline	Goals	Report Card
Greenhouse Gas Emissions per Capita	A measure pollution contributing to climate change.	37 Metric Tons CO ₂ e	22 Metric Tons CO ₂ e	
Phosphorus Loading ^(v)	A measure of how clean our stream and lakes are.	2,623 MT Total Annual 1,275 MT Total Spring 255 MT DRP Spring	1,600 MT Total Annual 800 MT Total Spring 150 MT DRP Spring	
% of Land Area as Open Space ^{1 (vi)}	A measure of how much land we've protected for plants and wildlife.	6% of land area	8% of land area	
Income Disparity (Gender, Race, Region) ^(vi)	The difference in income among different groups in the County.	53%	27%	
County Health Ranking ⁽ⁱⁱ⁾ ; Crime Rates (per 100,000 people) ⁽ⁱⁱⁱ⁾	Measures how healthy we are and how much crime is reported in the County.	72 out of 88 956 violent crimes 3,568 property crimes	36 out of 88 478 violent crimes 1,784 property crimes	
High School Graduation Rate (weighted average) ^(iv)	Percentage of high school students graduating.	83%	90%	
Median Household Income (% of US Average) ^(v)	The average income households in Lucas County earn each year.	79%	100%	
Household Expenditures for Housing & Transportation ^(vi)	Percentage of income households spend on housing and transportation	53%	45%	
Infrastructure Grade (ASCE State Average) ^(vii)	Regional infrastructure performance (water, energy, transportation, etc.)	C-	B+/A-	
Unemployment Rate ^(v)	The number of people without jobs in Lucas County.	8%	4%	
GOING BEYOND GREEN SUSTAINABILITY INDEX				

¹ Only includes Swan Creek Watershed due to available data. Refinements to the indicator will occur during plan implementation

MT = metric tons

CO₂e = carbon dioxide equivalents

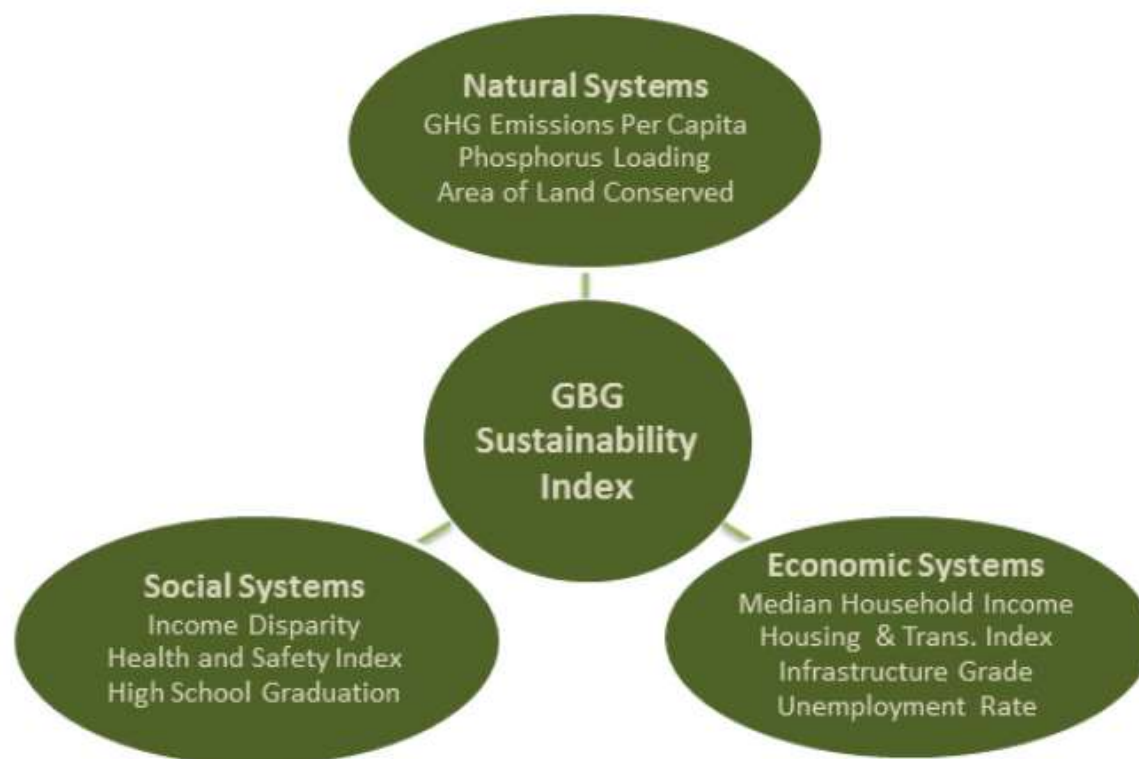
DRP = dissolved reactive phosphorus

Introduction

Going Beyond Green Sustainability Index

With a plan as comprehensive as GBG and with so many initiatives, it can be challenging to clearly track the community's efforts and measure to what degree we are making progress as a whole toward our desired outcomes as a County. For example, while we may be making progress in addressing high school graduation rates we may still have more work to do on improving water quality.

To address this challenge, built into GBG is a sustainability "index", essentially one composite indicator that provides a single measure of the County's progress toward GBG's desired outcomes. The GBG Sustainability Index incorporates 10 key indicators - one for each of the three bottom lines and seven sustainability focus areas. The 10 indicators that make up the GBG Sustainability Index are identified in the figure below. For each indicator both a baseline condition as well as a 2030 goal has been established.



Introduction

Updated Sustainability Scores

Indicator	Description	Baseline	2016 Metrics	Goals	Report Card
Greenhouse Gas Emissions per Capita	A measure of pollution contributing to climate change.	32 Metric Tons CO ₂ e	26 Metrics Tons CO ₂ e	19 Metric Tons CO ₂ e	
Phosphorus Loading ^[i]	A measure of how clean our stream and lakes are.	2,623 MT Total Annual 1,275 MT Total Spring 255 MT DRP Spring	1,160 MT Total Annual 755.3 MT Total Spring 144 MT DRP Spring	1,600 MT Total Annual 800 MT Total Spring 150 MT DRP Spring	
% of Land Area as Open Space ^[xii]	A measure of how much land we've protected for plants and wildlife.	6% of land area	7.07% of land area	8% of land area	
Income Disparity (Gender, Race, Region) ^[v]	The difference in income among different groups in the County.	53%	49%	27%	
County Health Ranking ^[iii]; Crime Rates (per 100,000 people) ^[iii]	Measures how healthy we are and how much crime is reported in the County.	72 out of 88 848 violent crimes 2,998 property crimes	73 out of 88 858 violent crimes 3,475 property crimes	36 out of 88 478 violent crimes 1,784 property crimes	
High School Graduation Rate (weighted average) ^[iv]	Percentage of high school students graduating.	83%	84%	90%	
Median Household Income (% of US Average) ^[v]	The average income households in Lucas County earn each year.	79%	78%	100%	
Household Expenditures for Housing & Transportation ^[vi]	Percentage of income households spend on housing and transportation	53%	53%	45%	
Infrastructure Grade (ASCE State Average) ^[vii]	Regional infrastructure performance (water, energy, transportation, etc.)	C-	C-	B+/A-	
Unemployment Rate ^[v]	The number of people without jobs in Lucas County.	8%	5.9%	4%	
GOING BEYOND GREEN SUSTAINABILITY INDEX					

The table to the left shows the primary indicators being tracked, a description of each one, the baseline which are measurements for 2012, updated 2016 measurements, and the goals that were set for the year 2030. The 2016 metrics are highlighted in red, green, or yellow. Green indicates an improvement from 2012, yellow indicates that there was no change, and numbers highlighted in red are scores that declined from 2012. At the bottom is the updated sustainability index, which has improved from 2012.

¹ Only includes Swan Creek Watershed due to available data. Refinements to the indicator will occur during plan implementation

MT = metric tons phosphorus

CO₂e = carbon dioxide equivalents

DRP = dissolved reactive

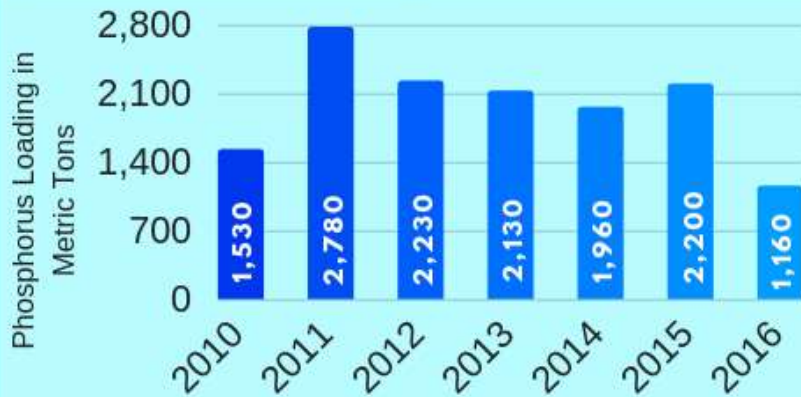


Water Quality & Supply

Water Quality & Supply

Effectively manage the region's watersheds, incorporating regional, national, and international best practices to improve water quality throughout the region.

Nutrient Loading in Maumee River



Swim Advisories at Maumee Bay State Park



2011: **49**

2017: **142**

Toledo Combined Sewer Overflows

2010
640

2014
343

2017
320

Lake Erie Water Levels

2010: **571.04** meters 2016: **572.64** meters

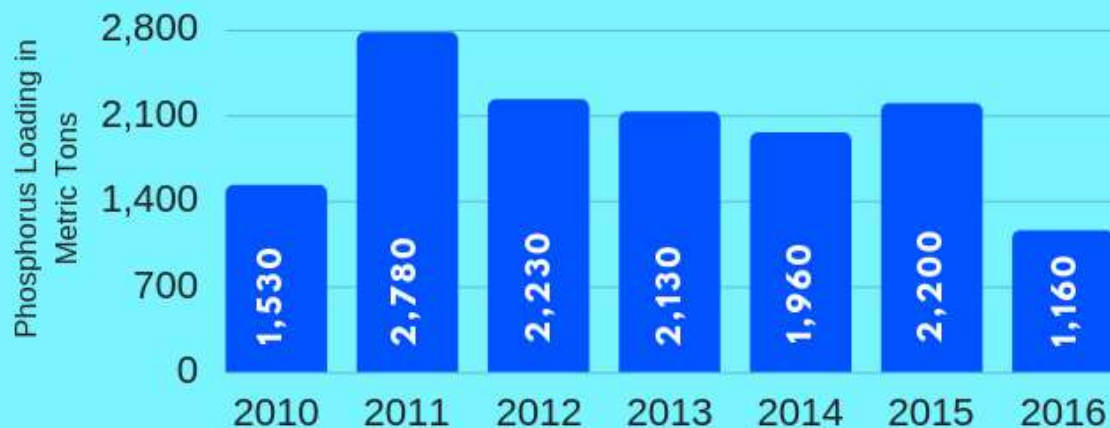
Water Quality & Supply Projects

- Nutrient Source Inventory
- Toledo Waterways Initiative
- Toledo's Collins Park Water Treatment Plant Improvements
- Toledo-Lucas County Rain Garden Initiative
- Green Stormwater Infrastructure Task Force
- Clear Water 2



Toledo-Lucas County's Water Quality & Supply

Nutrient Loading in Maumee River



What's Causing the Algal Bloom ?

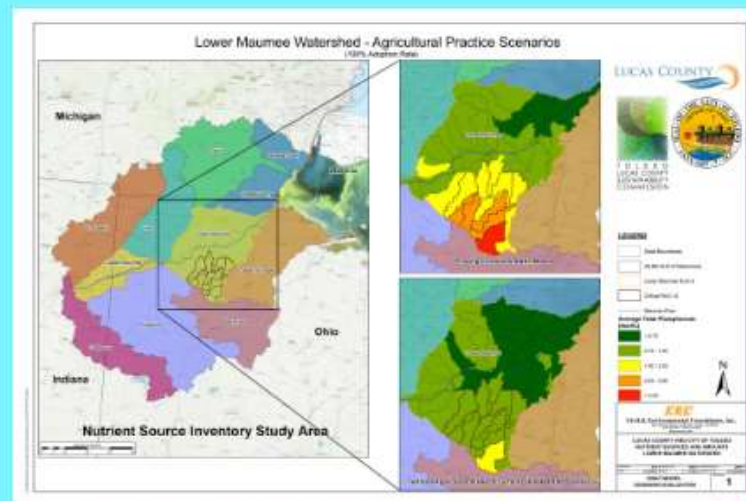
Lake Erie's harmful algal blooms are caused by a combination of nutrient loading (nitrogen and phosphorus), sunlight, and slow-moving water.

In 2014, 500 thousand residents of Northwest Ohio and Southeast Michigan lost access to safe drinking and bathing water for 3 days as a result of the algal bloom.

Nutrient Source Inventory

The Western Lake Erie Nutrient Source Inventory (NSI) is an interactive mapping tool that displays potential sources of nutrients in the western Lake Erie watershed. The NSI looks at urban and rural sources of runoff throughout the basin that are contributing to harmful algal blooms. The map is an important tool in the initiative to reduce phosphorus going into Lake Erie by 40 percent.

Not only sources of nutrients, but water sampling locations, open water real-time, water quality projects, and modeling. Find the NSI at <http://www.lucascountygreen.com/current-projects-water.html>



Toledo Combined Sewer Overflows & Flooding



What is a CSO?

A combined sewer is a system that is used to convey both sanitary and storm flows. During heavy rain or snow storms, combined sewers receive more flows than normal. This results in a mix of excess stormwater and untreated waste water discharging directly into the City's waterways or a combined sewer overflow (CSO).

Toledo Waterways Initiative

The goal of the Toledo Waterways Initiative (TWI) is to clean our waterways and reduce sewage overflows through wastewater storage, sewer separation and improved wastewater treatment. These solutions involve over 45 separate projects encompassing 48 square miles over the course of 18 years, at a total cost of \$527 million.

Joe E. Brown Park

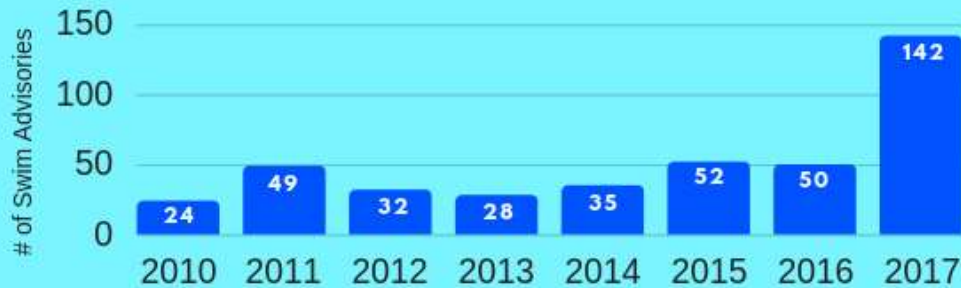
Joe E. Brown Park is one of the largest of the 45 projects being done by the Toledo Waterways Initiative. The Park is now open for public use after being closed since late 2014 to allow for construction of the Ottawa River Storage Facility, a 36.3-million-gallon underground combined sewer overflow (CSO) storage basin with pipelines and an above ground pump station.

Joe E. Brown Park has been restored with a new lighted baseball diamond with dugouts and scoreboard, tennis courts, playground and exercise areas, a shelter house, walking/bike path and expanded parking.



Toledo-Lucas County's Water Quality & Supply

Swim Advisories at Maumee Bay State Park



What happened in 2017?

In 2017, there were 104 swim advisories at the Lake Erie Testing Site and 38 at the Inland Testing Site for a total of 142 swim advisories. The algal bloom that has been affecting Lake Erie made its way inland in 2017. The algae bloom spread from Lake Erie, down the Maumee River to Downtown Toledo.

City of Toledo Collins Park Water Treatment Plant Improvements

Major improvements of the City of Toledo Collins Park Water Treatment Plant in 2017 include starting construction on Basins 7 & 8, providing 40 million gallons of additional treatment capacity to water operations (\$70M); plant electrical upgrades (\$30M) and renovation of the Low Service Pumping Station (\$38M). Toledo's 10-year, \$500 million Ohio EPA-approved General Plan of Capital Improvements is on schedule to be completed in 2022.



Toledo-Lucas County Rain Garden Initiative

The Toledo-Lucas County Rain Garden Initiative promotes natural storm water management and urban beautification through the use of rain gardens and rain barrels. The Rain Garden Initiative works to educate local residents about native plants and the benefits of rain gardens and rain barrels, giving them the tools to practice green stormwater management.

The T-LC Rain Garden Initiative works to improve water quality using the following approach:

- Introduce the idea of rain gardens throughout our region
- Replace hard surfaces with gardens and assist in constructing rain gardens as a way to manage storm water.
- Educate residents and students; provide demonstration gardens, technical training
- Work hand-in-hand with communities to promote pollution control methods

Find out more at www.tlcraingardeninitiative.org/



TLC Rain Garden Initiative

Promoting Natural Stormwater Management and Urban Beautification



Toledo-Lucas County Rain Garden Initiative

Lake Erie Water Levels



2010:	571.04 meters
2012:	571.29 meters
2014:	571.56 meters
2017:	572.64 meters

Clear Water 2

The Lucas County Commissioners and the National Wildlife Federation partnered to create Clear Water 2, a partnership to encourage advocacy and public awareness on harmful algal blooms. Clear Water 2 is inspired by the original Clear Water led by Ned Skeldon that helped pass the Clean Water Act in the 1970s.

The initiative's main goals are to advance legal and policy solutions, to address algae pollution in Lake Erie, and to assess how the need to battle toxic algae affects water rates for local consumers and businesses.

Green Stormwater Infrastructure Task Force

Stormwater carries trash, bacteria, and oil from the road, fertilizers, and any other contaminants that come into contact with it as it runs across hard surfaces. Unlike sewage and wastewater from our homes, stormwater does not go to a treatment plant before it flows into our rivers and eventually Lake Erie.

The Green Infrastructure Task Force was formed in February 2014 to create a plan and regional goals for green infrastructure implementation in the Toledo-Lucas County region. The GSI Task Force includes a range of partners from local and regional governments, federal and state agencies, local universities, environmental organizations, and engineering firms and is open to anyone who is interested in promoting green stormwater infrastructure in the region.





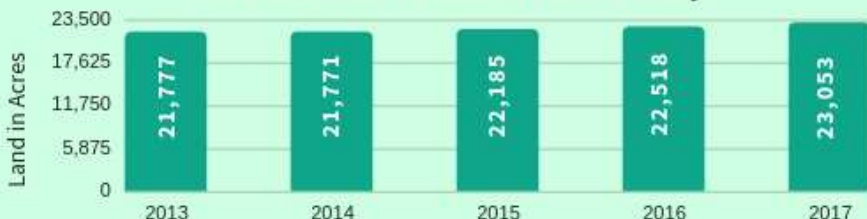
Land & Natural Resource Use

Land & Natural Resource Use

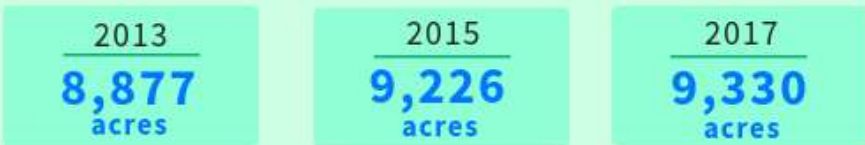
Networks of conservation, non-governmental organizations (NGOs), government agencies, and home owners/private land owners collectively work to conserve, restore, and interconnect habitats and ecosystems between public and private lands.

Established Parks & Natural Areas

Land and Natural Areas in Lucas County



Metroparks Toledo



Metroparks Toledo: Increasing Greenspace Accessibility

Metroparks Toledo is working to make natural areas more accessible than ever before. Soon every Lucas County resident will be within five miles of a Metropark. This milestone is the result of new projects being completed and new corridors and greenways connecting the parks.



Olander Parks System



The Nature Conservancy



Ohio Department of Natural Resources



US Fish and Wildlife Service



Land & Natural Resource Use Projects

- Metroparks Toledo
- The Olander Park System
- The Nature Conservancy
- The Green Ribbon Initiative
- Lucas Soil & Water Conservation District



Metroparks in Lucas County



Benefits of Parks and Natural Spaces

Experts say parks are good for the health and vitality of a community; help attract residents and visitors; and play a role in attracting businesses to our community.

Here's what Lucas County residents had to say when asked in a survey.

- 94% said the Metroparks improve the quality of life in our community
- 90% said the park system contributes to the overall health of individuals
- 87% said the parks contribute to water and air quality
- 82% agreed that they help recruit and retain visitors, businesses and residents and are important to economic development
- 82% also said that supporting Metroparks is an investment in property values



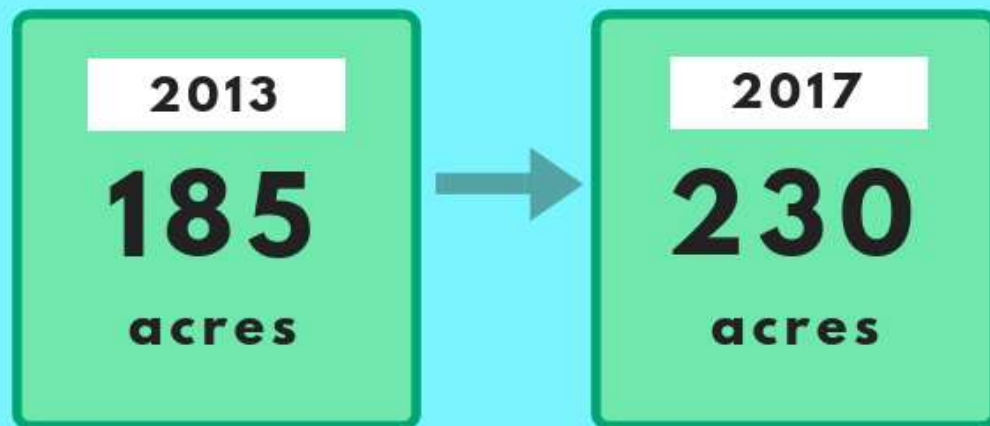
Metroparks Toledo

Much of the access to nature Lucas County residents enjoy is provided through Metroparks. Recently opened Metroparks include Middlegrounds and Howard Marsh. Metroparks is in the process of developing a new park on Toledo's East Side as well.

In addition to new Metroparks, an expanding network of regional trails is connecting parks to one another and to the communities they serve. There are over 120 trail miles within the park system, and Metroparks either manages or is a participating owner in a number of additional trails. Many of these trails connect a diverse collection of parks, preserves and open spaces—some of which are flat, heavily forested, located at water's edge or agricultural or historical in nature. Metroparks Toledo encourages people to come out, get connected and discover the breathtaking natural areas right outside your door.

Find out more at www.metroparkstoledo.com/

Olander Parks in Lucas County



The Olander Park System

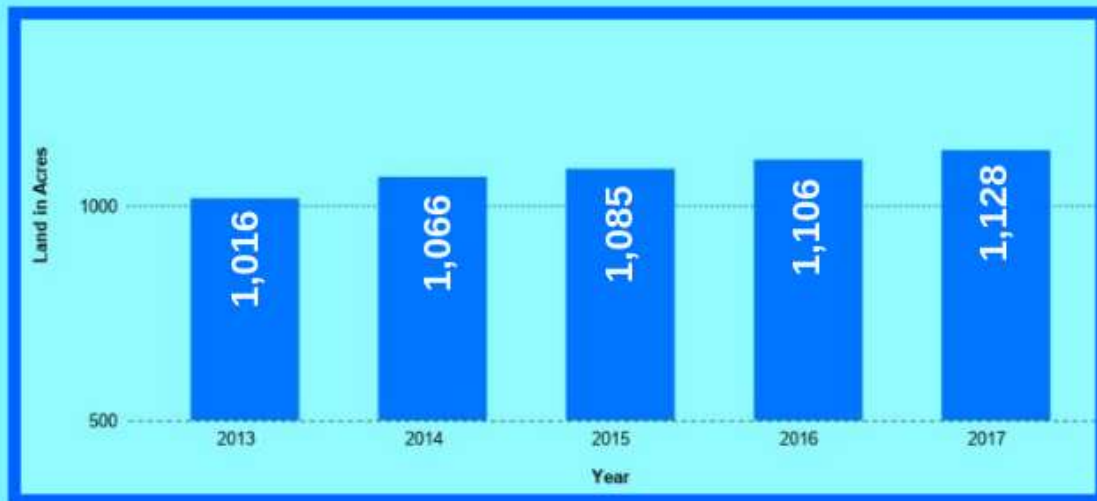


Parks provide endless opportunities for us to explore, discover, play, and learn. The Olander Park System, also known as TOPS, allows local residents to enjoy those opportunities. TOPS serves Sylvania, Ohio and the surrounding communities with five beautiful parks and fun educational activities that are open to the public. TOPS provides access to bike trails, fishing, grilling, picnic tables, playgrounds, rental facilities, sledding, volleyball courts, and walking trails.

TOPS is replacing its conventional gardens with native plantings at all park sites and maintaining its largest property, Sylvan Prairie Park, as a natural area. Previously a farmstead and failed golf course development, Sylvan Prairie Park's 270 acre landscape has been transformed into prairie and over 4,000 trees have been planted. TOPS also manages the Southview Oak Savanna, a seven acre Oak Openings habitat in the heart of Sylvania Township and is home to over 20 state listed plant and animal species.

TOPS has also made improvements to Smith Ditch by planting 500 trees and shrubs along the bank. They were able to stabilize it which prevents erosion, decreases sedimentation, and improves water quality.

Land Protected by The Nature Conservancy in Lucas County



Oak Openings Green Ribbon Initiative

The Green Ribbon Initiative (GRI) is a partnership of conservation groups working together to protect the natural beauty and biological diversity of the Oak Openings Region.

The GRI's primary activities include educating the community about the Oak Openings region, supporting the preservation, restoration, and enhancement of critical natural areas, building partnerships, and supporting partner organizations to ensure ongoing, sustainable growth in the Oak Openings Region.

The Nature Conservancy



The mission of The Nature Conservancy is to conserve the lands and waters, for which all life depends. For almost 60 years, The Nature Conservancy has been doing conservation work in Ohio.

KITTY TODD PRESERVE

The 130-square-mile Oak Openings Region is a complex of oak savanna and wet prairie that developed on sand and clay deposited by glacial Lake Warren, the ancient predecessor of present day Lake Erie. The combination of porous sandy soils of the former beach ridges and an impervious clay layer beneath those soils creates an unforgiving environment that fluctuates from flooding in the spring to arid in midsummer.

The Nature Conservancy's 1,128-acre Kitty Todd Preserve is a centerpiece of the Oak Openings and is a model of land management practices for the region. The Nature Conservancy is also very active in the Green Ribbon Initiative.

Lucas County Established Natural Areas



Ohio Department of Natural Resources

Total:
2,736
acres



- Maumee Bay State Park: 1,336 acres
- Irwin Prairie State Nature Preserve – 207 acres
- Louis W. Campbell State Nature Preserve – 211 acres
- Meilke Road Savanna Wildlife Area – 22 acres
- Mallard Club Marsh Wildlife Area – 402 acres
- Metzger Marsh Wildlife Area – 558 acres

Lucas Soil and Water Conservation District

The Lucas Soil & Water Conservation District (LSWCD) is a subdivision of state government that promotes the wise use of natural resources within Lucas County, Ohio. Whether through a classroom rain garden or a 500-acre farm conservation project, LSWCD is the agency tasked with conserving our soil and water.

Free in-classroom programs for K-12 introduce concepts of conservation and connect students to nature while also helping teachers meet state curriculum requirements. The organization offers technical support to landowners that ranges from urban agriculture, to backyard rain barrels, to rural ditch maintenance projects. LSWCD also works with our county's 65,000 acres of farmland, connecting farmers to local, state and federal programs that protect wildlife, soil health, and help keep nutrients on the land and out of Lake Erie.





Healthy, Active, & Safe Communities

Healthy, Active, & Safe Communities

Advance policies, systems, and infrastructure that promote the availability of nutritious food and opportunities for physical activity and improved security to enhance the experience of the individuals who live and work here.

Food Insecurity

Percent of Children Eligible for Free or Reduced Lunches



2015	2016	2017
38%	33%	43%

What is Food Insecurity?

Food Insecurity refers to the state of living without reliable access to a sufficient quantity of nutritious & affordable food. When life become unpredictable, families have to choose between paying bills and buying food. Another barrier to healthy food is distance. Many people live too far away from grocery stores; therefore, they don't have access to fresh fruits and vegetables.



Lucas County Safety Perception

Extremely Safe:

Quite/Slightly Safe:

Not Safe:



Lucas County Health Rank

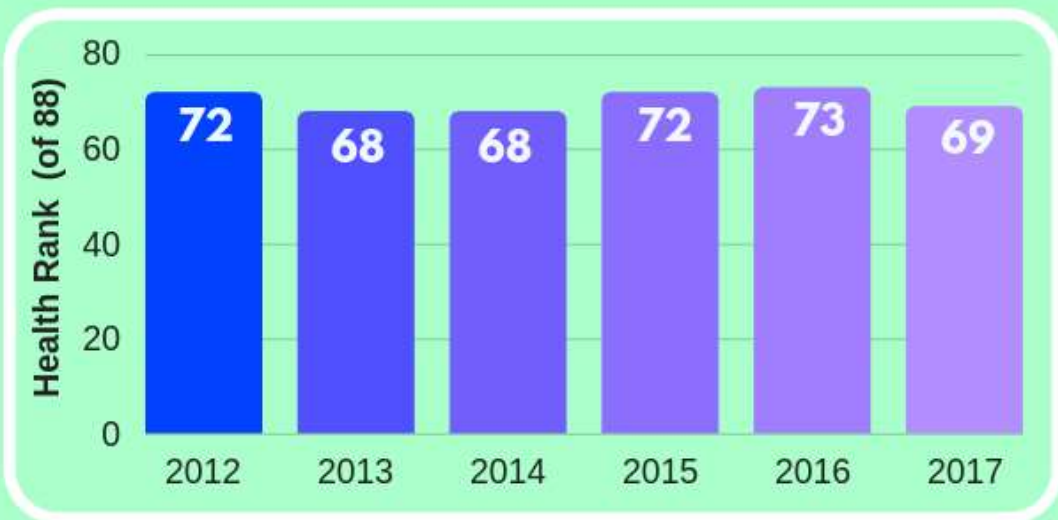


Healthy, Active, & Safe Communities Projects

- Live Well of Greater Toledo
- Healthy Lucas County
- Eat Fresh, Live Well Healthy Corner Stores
- MacArthur Foundation Safety & Justice Challenge
- Crime Prevention Through Environmental Design



Lucas County Health Rank



Toledo Obesity Rate

In 2010:

71%

In 2014:

70%

In 2017:

74%



Live Well of Greater Toledo

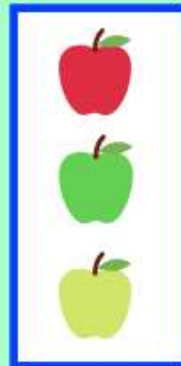


Live Well of Greater Toledo works to improve the health and well-being of Toledo through policies, systems, and environmental changes that support improved nutrition and physical activity. Live Well's strategies work to:

- Improve access to healthier foods by partnering with local corner stores to make fresh fruits, vegetables, and other healthy foods available to all Toledoans.
- Improve areas for walking and biking in neighborhoods through Safe Routes to School Initiative, making it easier and safer for kids to walk, bike, and use other forms of active transportation to get to and from school.
- Improve places for physical activity by working with local and regional officials to develop and implement Complete Streets policies to shift the focus from moving vehicles to moving people, among other initiatives.

Lucas County Health Perception

Health Perception reflects an individual's perceived health status regardless of disease or illness. Below shows the percentage of Lucas County residents that rate their health as excellent, good, or fair/poor in 2017.



Lucas County Health Perception

	2010		2017
Excellent	48%	↑	49%
Good	34%	↑	37%
Fair/Poor	18%	↓	14%

	Excellent	Good	Fair/Poor
Black	44%	36%	20%
White	52%	37%	11%
Hispanic	29%	46%	25%

Healthy Lucas County

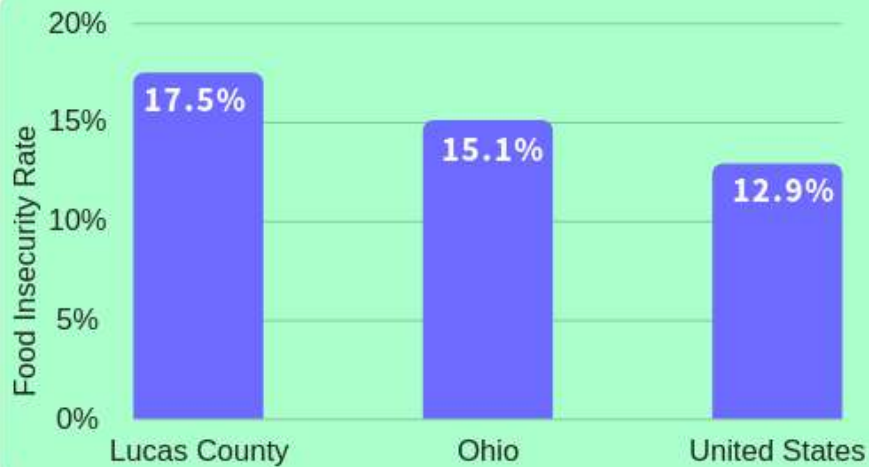
Healthy Lucas County is a coalition of community organizations working to improve the health of all residents in Lucas County. Healthy Lucas County is focused on addressing the needs of residents living in low-income areas and lessening health disparities to help everyone thrive.

Healthy Lucas County works to connect residents to services, help moms and babies be healthy, add produce to corner stores, and help with smoke-free housing.

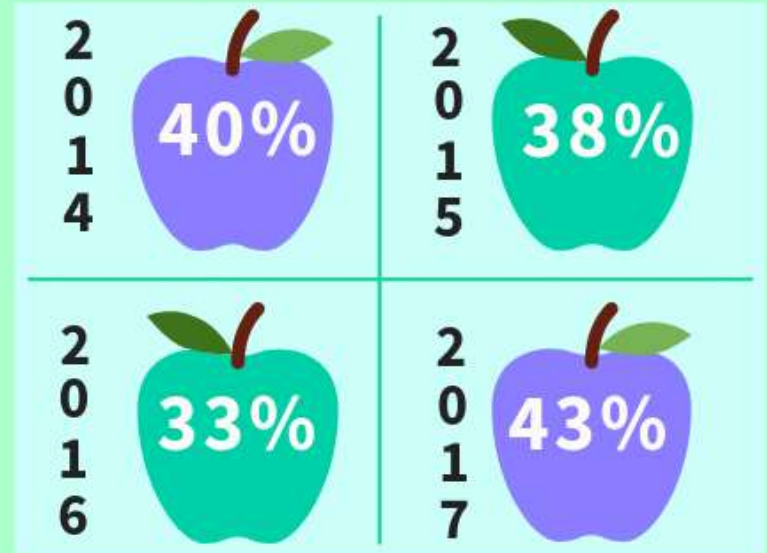


Food Insecurity

Food Insecurity refers to the state of living without reliable access to a sufficient quantity of nutritious & affordable food.



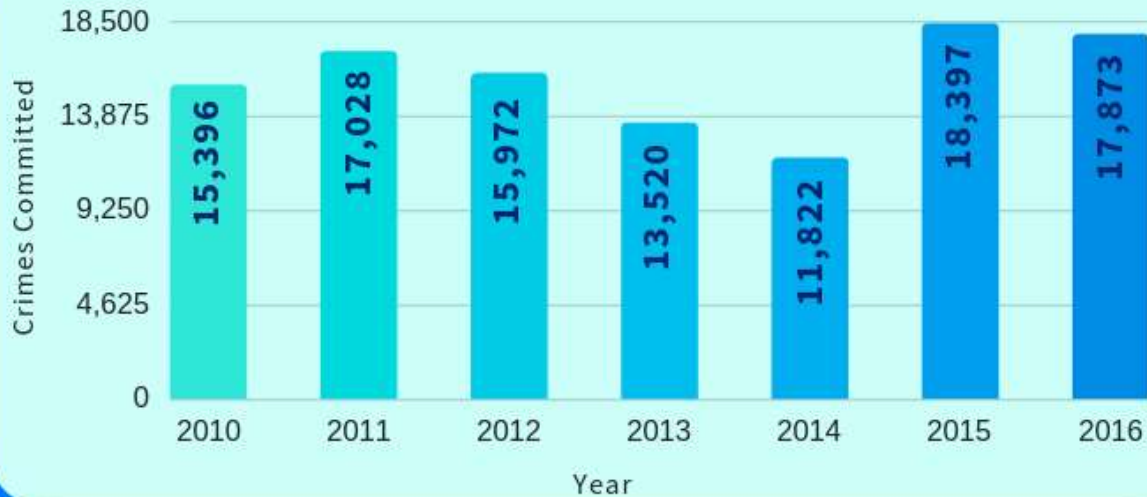
Percent of Children Eligible for Free/Reduced Lunch



Eat Fresh, Live Well Healthy Corner Stores Initiative

The Healthy Corner Store Program helps convenience stores provide fresh fruits and vegetables to customers throughout Lucas County. Each store enrolled in the program accepts SNAP/EBT and stocks a variety of fruits and vegetables at reasonable prices.

Lucas County Crime Rates



According to the Toledo Police Department's 2017 Citizen Satisfaction Survey **77%** of respondents indicated a positive attitude toward the Toledo Police Department.

MacArthur Foundation Safety & Justice Challenge

Following a national competition in 2015, Lucas County was among 20 jurisdictions selected for inclusion in the Safety and Justice Challenge Network, the centerpiece of the MacArthur Foundation's strategy to address over incarceration by reducing jail misuse and overuse. A previous award supported Lucas County's participation in a structured data analysis and planning process, assessing local drivers of jail incarceration, setting reduction targets, and developing a plan to achieve them. This two-year award enables Lucas County to institute changes aimed at reducing local incarceration and disparities in jail usage in accordance with its implementation plan. In 2018, Lucas County received an additional \$1.75 million in funding.



MacArthur
Foundation

Safety Perception

Safety Perception reflects an individual's perceived safety status. The chart shows the percentage of Lucas County residents that rate their feelings of personal safety as extremely safe, quite/slightly safe, or not safe.



Crime Prevention Through Environmental Design

The Toledo Police Department's Community Services Bureau offers Crime Prevention Through Environmental Design (CPTED) inspections for apartment complexes, businesses, and residential properties located within the City of Toledo. CPTED is an evidence-based process that evaluates the physical security features of properties and buildings. The CPTED inspection analyzes the infrastructure, landscaping, lighting, security measures and other aspects of a property so that recommendations can be provided to owners and managers to improve security and quality of life. When CPTED recommendations are adopted, the opportunity for criminal activity occurring is reduced.





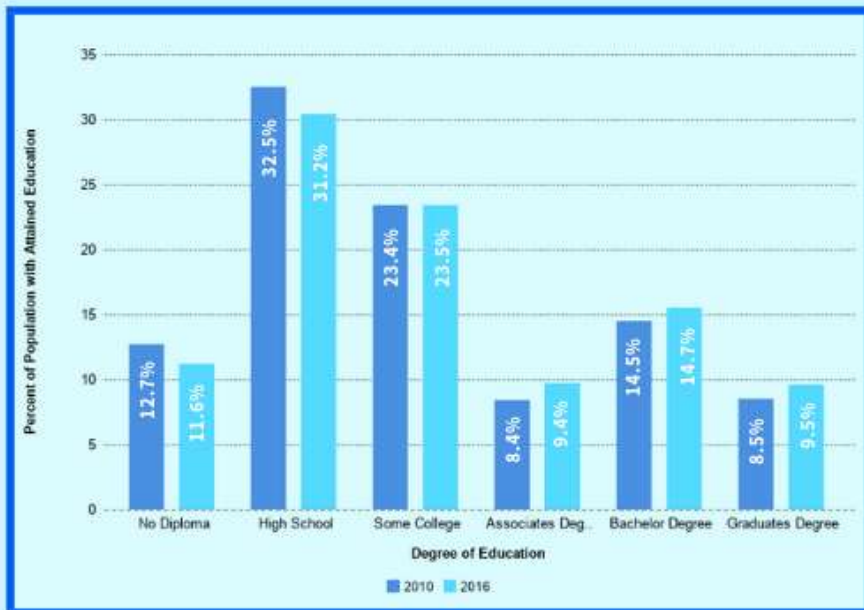
Education, Engagement & Empowerment

Education, Engagement, & Empowerment

Create a vibrant, creative, and educated community where our diversity is celebrated and anyone can achieve success.

Lucas County Education Completion

2010 & 2016 Lucas County Education Completion



2016 High School Graduation Rates



Toledo City:

72%

Sylvania City:

95%

Maumee City

98%

Poverty Rate

2012
Lucas County Poverty
Rate

20.5%



2016
Lucas County Poverty
Rate

20.7%

2012
United States Poverty
Rate

14.9%



2016
United States Poverty
Rate

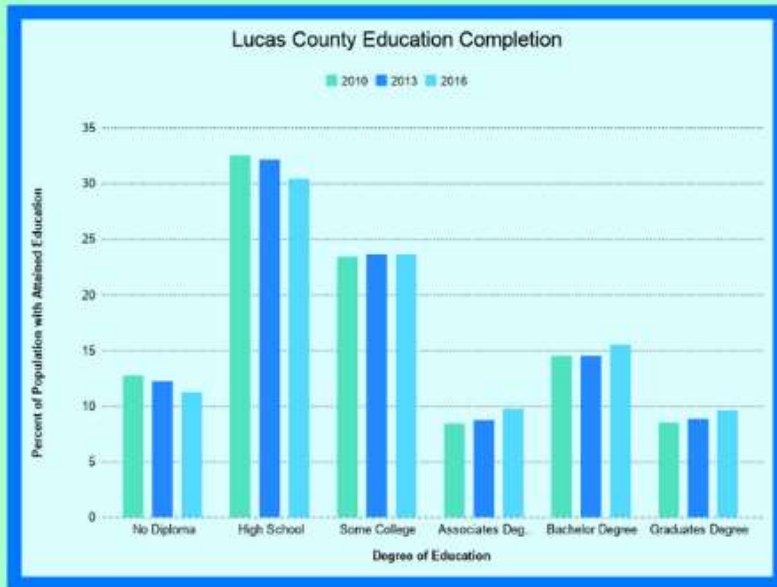
15.1%

Education, Engagement, & Empowerment Projects

- ASPIRE Toledo
- Schools as Hubs
- The Lucas County Impact Coalition
- Pathway Toledo
- Ohio Unity Coalition - Toledo
- Welcome TLC



Lucas County Education Completion



No Diploma

DOWN BY
1.5%

Since 2010

High School

DOWN BY
2.1%

Since 2010

Some College

UP BY
.2%

Since 2010

Associates
Degree

UP BY
1.3%

Since 2010

Bachelor
Degree

UP BY
1%

Since 2010

Graduates
Degree

UP BY
1.1%

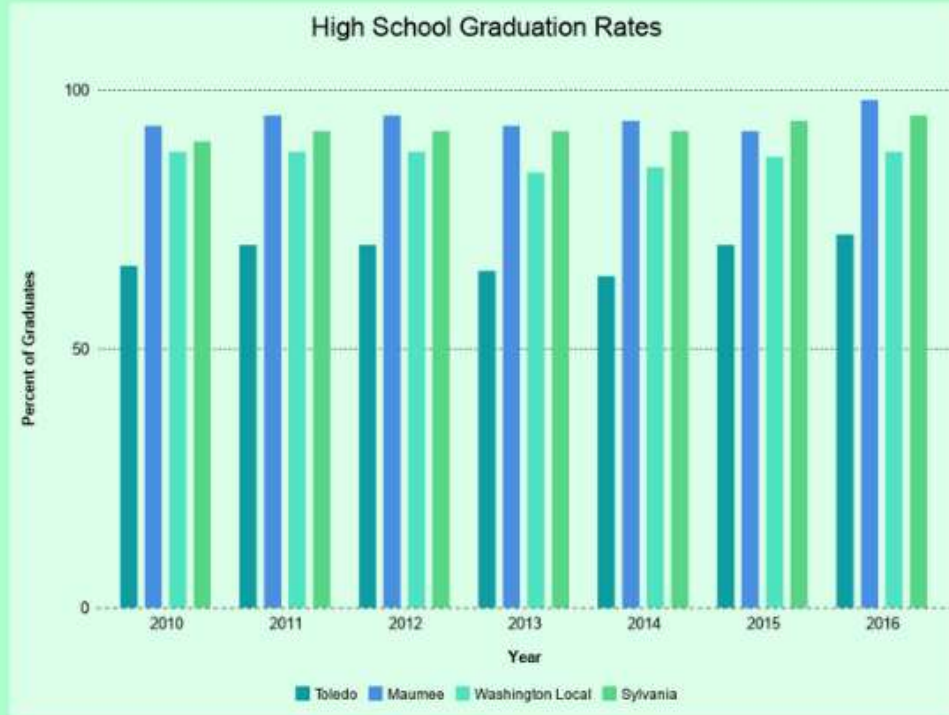
Since 2010

ASPIRE Toledo

Aspire is a community-based initiative focused on helping ensure the children of Lucas County, are school ready and life ready. Using a data-driven approach, continuous improvement tools and the power of community conversations, Aspire seeks to help identify needs and reinforce behaviors, best practices and programs that are creating successful futures for our children.



High School Graduation Rates



Toledo
Public
Schools

UP BY
6%
Since 2010

Maumee
Public
Schools

UP BY
5%
Since 2010

Washington
Local
Public
Schools

UP BY
0%
Since 2010

Sylvania
Public
Schools

UP BY
4%
Since 2010

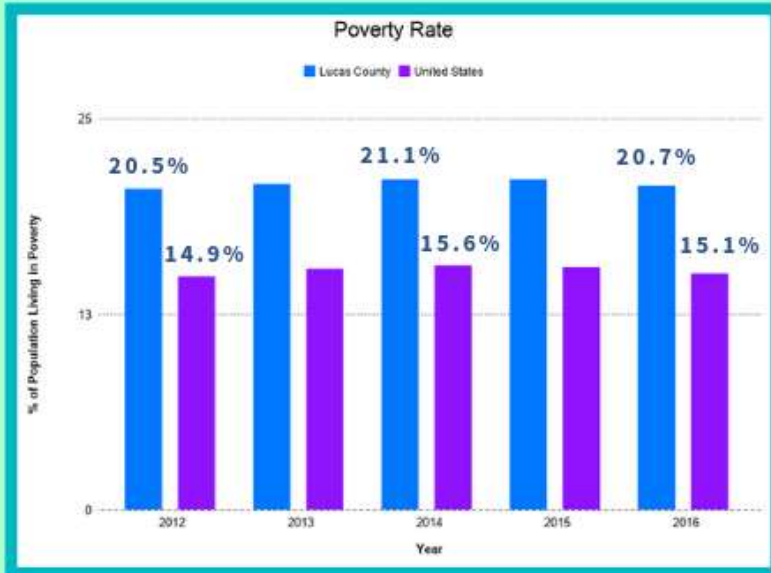
Schools as Hubs

Schools as Community Hubs (Hubs) connect residents, students, and their families to resources and support within their neighborhoods. The strategy makes a school – a place that already acts as a natural anchor for kids – the center of an entire neighborhood by bringing together multiple services and programs and making them accessible to everyone – not just students at the school. Hubs strive to collaborate with area partners to offer an integrated and impactful array of services, support, and opportunities that lead to a better neighborhood.

Each Hub develops a team of the hub director, principal, administrators, teachers, support services staff, partners, parents, neighborhood residents, and other community members/businesses who determine the services provided at that location, based on the community need.



Poverty Rate



Lucas County Childhood Poverty Rate



Lucas County Impact Coalition



The Lucas County Impact Coalition is a cross-sector initiative housed in Lucas County Family Council. The Impact Coalition is dedicated to reducing the social costs of poverty, strengthening Greater Toledo's workforce, and building a more prosperous and sustainable community.

The Impact Coalition provides training and direct programs for people in poverty and for those that serve or employ people in poverty. The Coalition works to engage and support program alumni and develop and promote policy and systems change efforts including Employer Sponsored Small Dollar Loans and Employer Resource Networks. The Impact Coalition was rebranded in 2015 from the Lucas County Bridges Out of Poverty Steering Committee and is governed by an Executive and Steering Committee of government, non-profit, faith-based, and private sector partners and leaders.

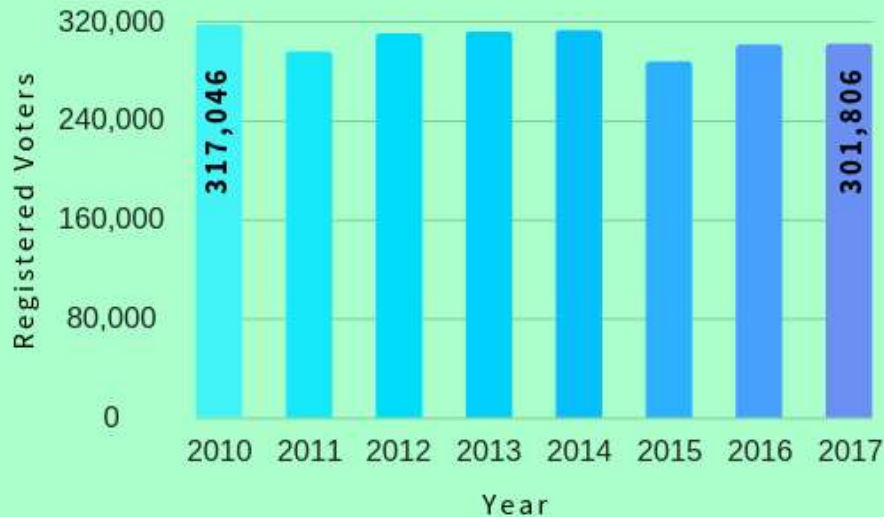
Pathway Toledo



Pathway Toledo works to reduce poverty by providing comprehensive services that create pathways to self-sufficiency.

This is accomplished by providing services to low-income households. Services include providing assistance to keep current utilities running, workforce development training, educational classes, senior living assistance, and empowerment services (such as resume building and job seeking assistance). Pathway Toledo's mission is twofold: to alleviate the immediate hardships of poverty and help those in need get the skills and tools to thrive independently.

Lucas County Registered Voters



Voter Registration Information

For more information about how to vote in Lucas County, please visit:

<http://co.lucas.oh.us/79/Voter-Registration-General-Information>

To register to vote in Lucas County, please visit:

<https://olvr.sos.state.oh.us/>



Ohio Unity Coalition - Toledo



The Ohio Unity Coalition is an affiliate of the national Unity Voter Empowerment Campaign convened by the National Coalition on Black Civic Participation (www.ncbcp.org).

The Unity Campaign works nationally with the American Prosecutors Research Institute (APRI), Lawyers Committee for Civil Rights Under Law, Cost of Freedom Project, Black Youth Vote, and other groups to ensure that black voters are well informed to vote in elections.

Welcome TLC



The Welcome Toledo Lucas County Initiative (TLC) works to build a more welcoming and inclusive community for immigrants, refugees, and people of diverse cultures that supports a vibrant civic, economic, and social fabric for all. Welcome TLC is a cross-sector network housed in the Board of Lucas County Commissioners in partnership with Toledo LISC, and governed by a Steering Committee of community partners.



Economy & Workforce Development

Economy & Workforce Development

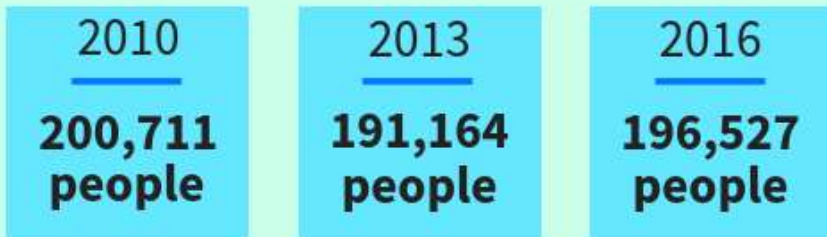
Develop an environment where business, government, academia, and non-profits work together for economic health, sustainable growth, and economic opportunity.

Lucas County Population



*Population numbers are an estimate from the United States Census Bureau

Lucas County Workforce



Lucas County Unemployment Rate



As of July 2018, the Unemployment Rate is: **5.5%**



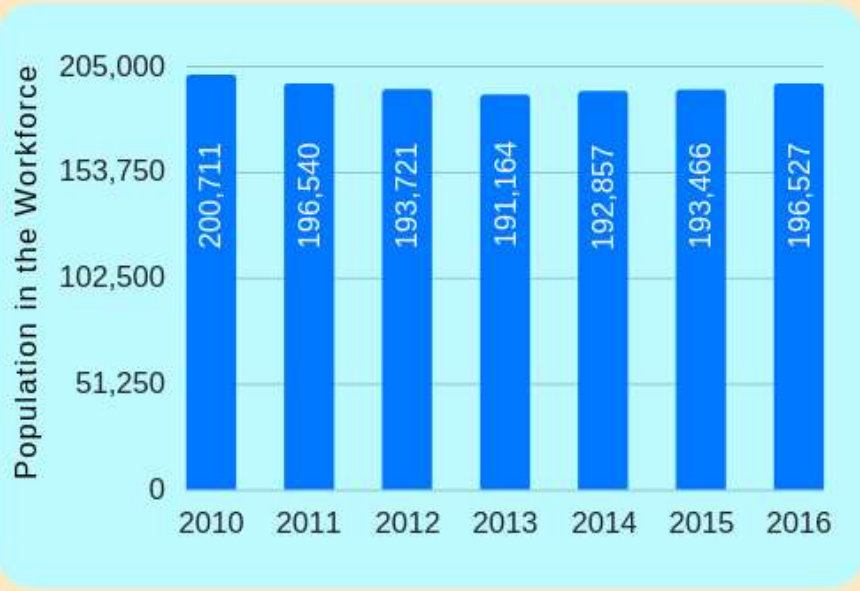
Economy & Workforce Development Programs

- Lucas County Department of Planning & Development
- Work Ready Lucas County
- Individual Training Accounts



Toledo-Lucas County's Economy & Workforce Development

Lucas County Workforce



2016 Top Industries in Lucas County

Management, Business, Science, and Arts Occupations	Management, science, education, arts and healthcare practitioner occupations	65,033 Employees
Sales and Office Occupations	Sales, office and administrative support occupations	46,299 Employees
Service Occupations	Healthcare support, protective services, food preparation, cleaning and maintenance, and personal care occupations	38,482 Employees
Production, Transportation, and Material Moving Occupations	Production, transportation, and material moving occupations	33,092 Employees
Natural Resources, Construction, and Maintenance Occupations	Farming, construction, and maintenance occupations	13,621 Employees

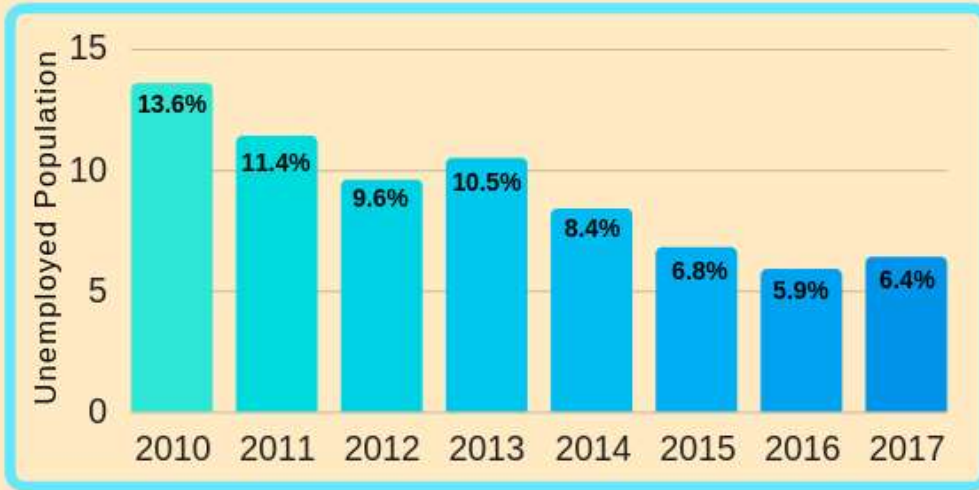
Lucas County Department of Planning & Development



The Lucas County Department of Planning and Development (LCDPD) designs innovative solutions to meet the needs of both businesses and job seekers to reinforce regional economic competitiveness. By integrating economic and workforce development into one dynamic department, LCDPD can address complex and fast-paced changes in the economy and labor markets alike. LCDPD enhances economic sustainability throughout the county not only by connecting businesses with diverse programs such as site selection assistance, financing tools, and talent acquisition, but also providing area job seekers with the tools they need to look for, acquire, and maintain employment opportunities that lead to the greatest self-sufficiency.

Toledo-Lucas County's Economy & Workforce Development

Lucas County Unemployment Rate



New Business Establishments in Lucas County



Work Ready Lucas County



The WorkReady Lucas County initiative helps job seekers develop and refresh essential workplace skills such as reading for information, locating information, and applied mathematics.

Individuals who complete WorkReady Lucas County earn the National Career Readiness Certificate, a portable and stackable credential that helps job seekers distinguish themselves from their competition. Businesses hiring an individual who has completed WorkReady Lucas County can be confident that individual is ready to meet challenges in the workplace.

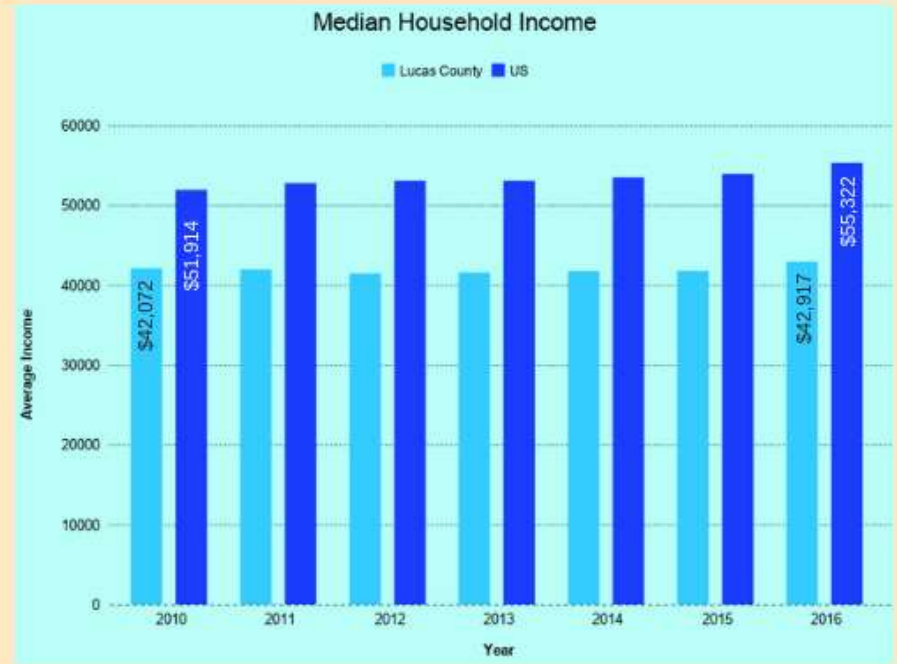
Work Ready Certifications

2014	60
2015	331
2016	303
2017	1,177

Lucas County's Median Household Income

How does Lucas County's Median Income compare to our Cost of Living Rate?

While Lucas County's median income is lower than the US average, our cost of living rate is much lower than many other US Cities. Because Lucas County's cost of living rate is low and home prices are affordable, Lucas County is a great place to live and raise a family.



Individual Training Accounts

LCDPD and its OhioMeansJobs Lucas County partners benefits job-seekers in their search for quality employment and businesses to find skilled and job-ready employees through training programs tailored to meet the specific needs of individuals looking for work or businesses in need of a specialized workforce. For example, Individual Training Accounts (ITAs) assist job seekers obtain a credential that will lead to gainful employment in in-demand careers. Also, the On-the-Job Training program (OJT) can reimburse employers for a portion of the wages paid to new employees during the training period. At the conclusion of the training, ready-to-work employees are retained. In some instances, an employer's operations are so unique that customized training programs, specifically designed for the company, are necessary.

Since 2014,
1,349
job seekers
have been
trained



Infrastructure Investment

Infrastructure Investment

Develop a world class and well maintained infrastructure grid for water, energy, transportation, waste management, and knowledge/communications.

Lucas County Green House Gas Emissions Per Capita



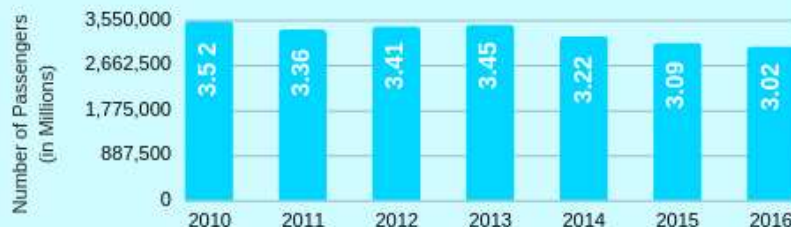
Lucas County New Renewable Energy Generation



Lucas County Solid Waste Disposal



Lucas County Public Transit Use

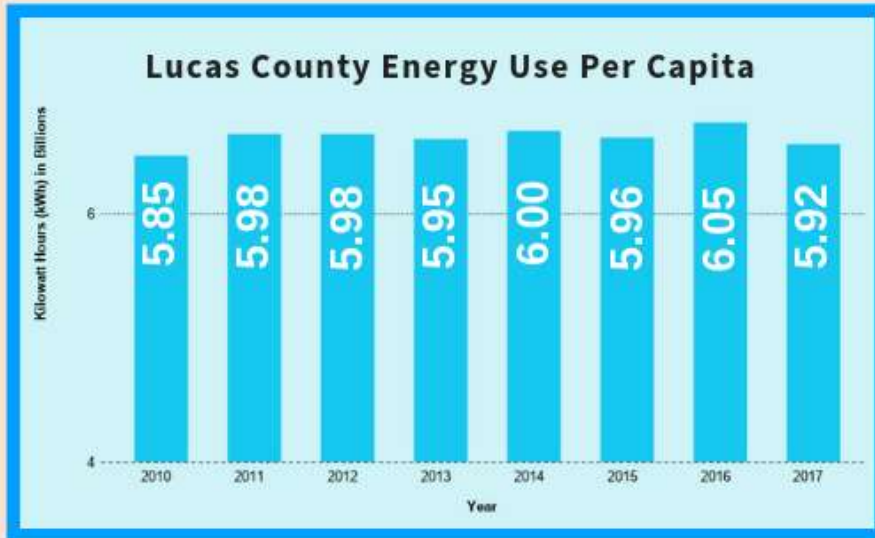


Infrastructure Investment Projects

- Columbia Gas Energy Audit Program
- TLCSC's Solar Inventory
- TARTA
- Keep Toledo / Lucas County Beautiful (KT/LCB)



Lucas County Energy Use Per Capita



Lucas County Energy Used by Sector

Energy Used (kWh) in billions	2010	2017
Residential	1.649	1.542
Commercial	1.435	1.298
Industrial	2.726	3.038
Street & Traffic Lighting	.045	.043

Save Energy Save the World

Columbia Gas of Ohio

HOME ENERGY AUDIT \$50

Call 877-644-6674 to schedule yours today.

Columbia Gas Energy Audit Program

TLCSO has teamed up with Columbia Gas of Ohio to help promote the Home Energy Audit program. The Columbia Gas Energy Audit Program is available to all residents of Lucas County. For only \$50, a certified energy auditor will perform a comprehensive evaluation of your home's efficiency (a \$500 value) and help you secure rebates for recommended upgrades. A home energy audit includes: free energy saving products (if needed), blower door, infrared and combustion testing, a safety check of your gas furnace for carbon monoxide levels and efficiency, a personalized savings plan, and rebates for recommended upgrades which on average can save you more than 50 percent of the total project cost. If a household is in poverty, audit and upgrades are free.

Toledo-Lucas County's Infrastructure Investment

Lucas County New Renewable Energy Generation

2010

414.34

Kilowatt Hours

2011

11,245.79

Kilowatt Hours

2012

2,117.96

Kilowatt Hours

2013

1,841.1

Kilowatt Hours

2014

2,077.94

Kilowatt Hours

2016

2,441.76

Kilowatt Hours

**Total New Renewable Energy
Generation as of 2016**

20.1389

Kilowatt Hour (kWh)

What is Renewable Energy?

Renewable energy is energy generated from natural sources that can be replenished. This includes energy generated from sunlight, geothermal heat, wind, tides, water, and biomass.

Here in Lucas County most of our renewable energy sources come from solar energy but biomass and wind energy also contribute to our renewable energy landscape.



TLCSC Solar Inventory

The Toledo-Lucas County Sustainability Commission has a solar inventory that tracks the number of solar energy projects and how much solar energy is produced in Lucas County.

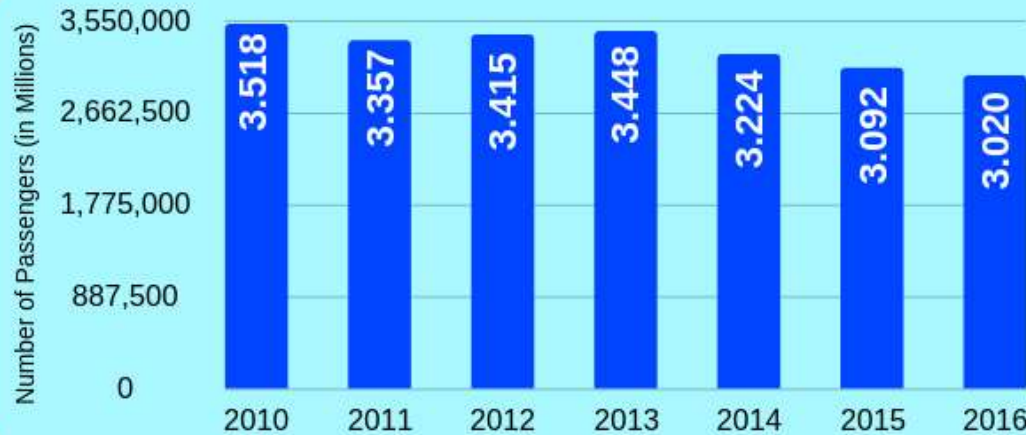
Check out the Sustainability Commission's Solar Inventory and register solar energy projects we may have missed at:

<http://www.lucascountygovern.com/solar-inventory.html>



Toledo-Lucas County's Infrastructure Investment

Public Transit Use in Lucas County



Lucas County Housing and Transportation Index

What is the Housing & Transportation Index?

The Center for Neighborhood Technology's Housing and Transportation Affordability Index provides a more comprehensive way of thinking about the true affordability of a place. It presents housing and transportation data as maps, charts, and statistics. Costs can be seen from the regional down to the neighborhood level.

2010
53%

2017
53%

TARTA Bus Transportation

TARTA works to continually embrace new technologies that protect the environment, improve operational efficiency, reduce costs and, above all, enhance the lives of its riders. TARTA serves the communities of Maumee, Ottawa Hills, Rossford, Sylvania, Sylvania Township, Toledo, and Waterville. TARTA has a variety of programs that work to make transportation available to everyone. TARPS and Call-A-Ride are a couple of examples.

TARPS: Riders with disabilities gain the freedom to travel the city and its surroundings with TARPS paratransit service. Buses with lifts, ramps, and attentive staff are available to accommodate those with disabilities. All registered TARPS customers may use TARTA's regular bus line, Call-A-Ride and game shuttle services free of fare. This allows TARPS users more flexibility in their schedules and is a great way to save money.

Call-A-Ride: Call-A-Ride brings reliable and convenient curb-to-curb service in Maumee, Ottawa Hills, Rossford, Sylvania, Sylvania Township, and Waterville. Fares are \$1.25 and 60 cents for seniors and people with disabilities.



Toledo-Lucas County's Infrastructure Investment

Solid Waste Disposal



Recycling Diversion Rate

2010	29.6%
2012	28.7%
2014	32.5%

Keep Toledo/Lucas County Beautiful

KT/LCB is dedicated to establishing greener communities through environmental education, litter prevention, and voluntary partnerships. Keep Toledo/Lucas County Beautiful, Inc. (KT/LCB) is a non-profit 501(c)(3) organization that works to encourage proper solid waste handling practices. Visit KT/LCB's website at www.ktlcb.org

KT/LCB offers free classroom demonstrations for students of all ages. Some of the of the demonstrations offered include The Incredible Edible Landfill, Landfill Display Model, Litter Olympics, Pack To Reduce, Paper Pin Decorating, Tin Can Papermaking, and Wallpaper Bead Necklace. KT/LCB also offers free trash and recycling containers for events.





Community Vitality

Community Vitality

Use sustainability principles and art and culture to develop or redevelop buildings, neighborhoods, and public spaces - conserving, connecting, and engaging community.

Sustainability in Toledo Neighborhoods

The Vistula Community

20

Volunteers

Salem Lutheran Church works to bring the Vistula Community together through the development of green spaces and public art.

The Junction Community

100+

Volunteers

The Junction Coalition provides a viable voice for residence of the Junction Neighborhood. The Coalition cultivates healthy relationships throughout the community.

The Old West End Community

10-15

Volunteers

The Old West End Neighborhood Initiatives works to to collaboratively build and promote a viable and attractive community for residents of the Old West End.

Toledo Arts & Culture Institutions

- Toledo Theaters
- Toledo Performing Arts
- Toledo Sports Teams
- Toledo Community Institutions
- Toledo Community Centers
- Toledo Museums & Galleries



Lucas County Festivals & Events



Winter

4

events

Spring

9

events

Summer

18

events

Fall

8

events

Community Vitality

Projects

- The Vistula Community Greening Project
- OWENI Partners for Places
- The Junction Urban Waters Project
- The Arts Commission
- Art in Public Places



Sustainability in Toledo Neighborhoods

The Vistula Community

20 Volunteers

Salem Lutheran Church:

Salem Lutheran Church is an anchor institution in Toledo's Vistula Historic District. Salem Lutheran Church hosts a variety of community events throughout the year, including the North End Block Party. The North End Block Party gives residents the opportunity to celebrate their neighborhood with live music, public art, games, and food.

Projects & Programs:

The Vistula Community Greening Project: The Vistula Community Greening Project resulted in the development of a plan to use green storm water infrastructure in the Vistula neighborhood in North Toledo to reduce flooding and beautify lots. The TLCSC, the University of Toledo, and Salem Lutheran Church worked together to engage the Vistula community and plan future projects. One such project was James Colbert Park.

James Colbert Park

In partnership with Salem Lutheran Church, The Arts Commission, and the University of Toledo, James Colbert Park was created. James Colbert passed away a few years ago & was a passionate community leader. James had the ability to empower young people to accomplish their goals & achieve their dreams.

Community members and members from TLCSC helped plant 31 trees in the park. The park will also feature a pollinator garden, a community gathering area, and a play area for children.



James Colbert Park

James Colbert lived a purposeful life, devoted to caring for his family and his neighbors. James was a North Toledo resident with a passion for his community. He was always engaged in many projects, working for the benefit of others. He happily took the time to listen, to converse with, and care for the youth in the neighborhood. He had the ability to empower young people to accomplish their goals and achieve their dreams. His warm and inclusive spirit earned him the nickname "Mr. North End". James served as an interim Director at the Friendly Center and the Minister of Hospitality at Salem Lutheran Church. He will always be remembered as the wonderful neighbor, friend, and passionate community advocate he was. May his passion for building community and caring for young people be remembered and practiced into the future. In his memory, he lived, share love, and teach peace.



Pollinator Garden

Bees, butterflies, and other pollinators are attracted to flowering plants and shrubs which they can feed nectar on. The orange-jacketed mason is a great pollinator. Since they are nesting, they are also carrying the plant's pollen over long distances and back. As they fly from flower to flower, the pollen is transferred and the plants can reproduce. These pollinators are important to food and vegetable gardens and so much of what people need to eat and to healthy.

Trees & Green Spaces

Trees have many benefits. Not only do these trees provide shade in the summer, but they also help reduce flooding in the field. In fact, when it rains, wooded areas absorb and store water away from the surface. Trees and green infrastructure naturally absorb and clean water before it enters the stormwater system.



The Old West End

10 - 15 Volunteers

Old West End Initiatives (OWENI):

The Old West End Neighborhood Initiatives (OWENI) is based in Toledo's Old West End and was formed in 2012. OWENI is comprised of residents, church members, students, local business owners, and others who represent sectors of the Old West End/Overland Park neighborhood. OWENI is focused on improving neighborhood conditions and turning visions into realities and realities into successes.

OWENI's Vision is to collaboratively build and promote, with other entities, a viable and attractive community to include safety for residents, quality education, business growth, development and employment opportunities, sponsorship of social events, and continuous involvement with our citizens.

Projects and Programs:

OWENI Partners for Places Project: The OWENI Partners for Places Project makes sustainability come alive in the Old West End. The project focused on promoting green spaces while also engaging and educating residents on reuses for vacant land. A pollinator garden was planted as a demonstration project on the corner of Central and Detroit.



The Junction Community

100+ Volunteers

The Junction Coalition:

The Junction Coalition works to provide a viable voice for the Junction Community and cultivate healthy relationships throughout the community in order to develop a better quality of life for Junction residents. The Junction Coalition is centered around four pillars: economic justice, environmental justice, social justice, and peace education. By building upon this foundation, the Junction Coalition is creating social responsibility for peace and the promotion of a better quality of life.

Projects and Programs:

The Junction Urban Waters Project: The Junction Coalition has several projects that reduce storm water runoff to which the community has implemented in partnership with major institutions. One such project their bioretention project on the corner of Belmont and Forest Avenues in Toledo. The Belmont and Forest biocells are on two vacant lots, covering about .75 acres. The bioretention cells hold stormwater flows during rain events, thereby reducing the volume of water entering the combined sewer system and potentially relieving overflow into Swan Creek.

Annual Health Fair: Every November, The Junction Coalition hosts a Community Health Fair.



Arts & Culture Institutions in Toledo

Theaters:

- Valentine Theater
- Stranahan Theater
- Toledo Repertoire Theater
- Ohio Theater & Event Center

Performing Arts:

- Toledo Opera Association
- The Toledo Ballet
- The Toledo Symphony

Sports Teams:

- Toledo Mud Hens
- Toledo Walleye

Community Institutions:

- Toledo Zoo & Aquarium
- Toledo Lucas County Public Library
- Imagination Station
- Toledo Bikes

Community Centers:

- Frederick Douglas Center
- ProMedica Ebeid Institute
- East Toledo Family Center
- Grace Community Center

Museums & Galleries:

- Toledo Museum of Art
- Toledo History Museum
- National Museum of the Great Lakes
- Paula Brown Gallery
- River House Arts
- Parkwood Galleries
- HeART Gallery
- 20 North Gallery
- Handmade Toledo

What is Community Vitality?

Community Vitality has many different interpretations and definitions. For the purposes of these Report Cards, Community Vitality looks at aspects of Lucas County that focus on expression and creativity and make the area a fun, enjoyable place to live.



THE ARTS COMMISSION
INSPIRING A VIBRANT TOLEDO

The Arts Commission

The Arts Commission supports, promotes and connects visual, performing, and literary artists, arts organizations, and businesses; and administers the City of Toledo's 1 percent for Art ordinance. The Arts Commission takes pride in serving and connecting regional artists and the general public to information and opportunities that inspire a creative life. Through innovative programming, public art, artist services, inclusive youth programs, and community events, the Arts Commission aims to inspire a vibrant community in Toledo.

Lucas County Festivals & Events

Spring

Old West End Festival
Toledo Farmers Market (May-Nov.)
Glass City Marathon
Biggest Week in American Birding
March of Dimes
Mud Hens Opening Day
Art Loop (April-Dec.)
Glass City Film Festival
Toledo Day

Summer

Toledo Boat Show
ProMedica Summer Concert Series
Northwest Ohio Rib Off

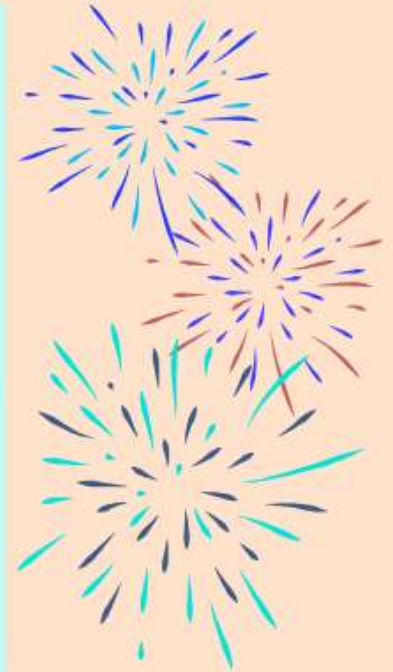
Crosby Festival of the Arts
African American Festival
German American Festival
Greek Festival
Lucas County Fair
Art on the Mall
Jazz in the Garden
Red, White & Kaboom Downtown
Fireworks
TMA Block Party
Toledo PRIDE
Holland Strawberry Festival
Whitehouse Cherry Festival
Birmingham Ethnic Festival
The Urban Rib Off

Fall

Apple Butter Festival
Black Swamp Arts Festival
Toledo International Film Festival
The Harvest Festival
Susan G. Koman Race for the Cure
Walleye Opening Day
Momentum Toledo
The African American Legacy Days of
Celebration

Winter

Lights at the Zoo
Old West End Tours de Noel
Handmade Toledo's Makers Mart
Toledo Farmers Market (Dec.- April)



Art in Public Places

Toledo has an impressive collection of public art, that includes large-scale sculptures, murals, and functional structures by noted artists from across the country. The Art in Public Places Program is administered by The Arts Commission, which acquires, conserves and restores the collection. This administration also includes the education of the community related to the understanding and enjoyment of public art.



SUN OBELISK



PERSPECTIVE ARCADE