

Lead Applicant: County of Summit

In collaborative partnership with Akron General Health System, Bath Township, City of Fairlawn, City of Hudson, City of Stow, City of Tallmadge, City of Twinsburg, Copley Township, Sourcing Office, Village of Mogadore, the University of Akron, and Hosted Technology Exchange

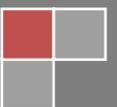


Table of Contents

Tab 1: Lead Applicant Contact Information..... 1

Tab 2: Collaborative Partners2

Tab 3: Project Information..... 11

 Project Name..... 11

 Glossary of Key Terms..... 11

 Brief Project Description..... 12

 Type of Award Summit County is Seeking 14

 Proof of Feasibility Study Determination 14

 Problem Statement and Approach 14

 Convergence of Voice and Data..... 14

 Lack of Affordable Access to Broadband Networks..... 15

 A Powerful Economic Development Tool 15

 Inability to Deploy Shared Service Models at Scale 15

 Flawed Approaches to Managing these Macro Challenges 16

 A Progressive Framework for Managing Macro Challenges 17

 Identification of Targeted Approach to Innovation.....20

 Anticipated Return on Investment20

 Organizational Cost Efficiencies20

 Shared Telecom Cost Savings21

 Potential for Shared Services21

 General Telephony Advantages with a Shared Network beyond Cost Savings:22

 Shared Dispatch with Access to a Shared Network:22

 Public-Private Economic Development.....23

 Probability of Success23

 Descriptions of Plans and Ability to Replicate or Scale.....24

 Why can this Project both Scale and Replicate?24

 Sourcing Office’s Role in Scale and Replication.....25

 HTE’s Role in Scale and Replication26

 Is this Project is Part of a Larger Consolidation Effort?26

 Identification of Past Successes.....26

 Description of Responsiveness to Changing Economics for Government Services30

 Implementation of Recommendations of a Performance Audit32

 How Project Facilitates an Improved Business Environment and/or Community Attraction....32

Tab 4: Financial Documentation34

 Key Project Financial Highlights.....34

Project Budget.....	34
Project Financial History and Financial Projections	36
Phase I: Organizational Assessment (History)	36
Phase 2: Inter-Connectivity Assessment (Projections).....	37
Total Estimated Savings from Phase I and Phase II	38
Scaling Phase I and Phase II Across all Public Sector Entities in Summit County.....	38
Tab 5: Supporting Documentation	40
Feasibility Study Determination from ODOD	40
Executed Partnership Agreements.....	40
Resolutions of Support	40
Audit Conducted within the Past Five Years	41
Documentation from the US Census.....	41
Summit County Shared Broadband Initiative Self-score Assessment.....	42
List of Public Sector Projects Completed by Hosted Technology Exchange, LLC.....	42
Referenced Attachments.....	42

TAB 1: LEAD APPLICANT CONTACT INFORMATION

Lead Applicant: County of Summit, Ohio

Applicant Contact Information: Jason Dodson

Title: Chief of Staff, Summit County Executive, Russell M. Pry

Address: Ohio Building, 8th Floor
175 South Main Street
Akron, Ohio 44308

Phone Number: 330-643-2075

Fax Number: 330-643-2507

Email Address: JDodson@SummitOh.net

Website: www.co.summit.oh.us

County: Summit County, Ohio

Population Data: 541,781 residents according to the 2010 U.S. Census

TAB 2: COLLABORATIVE PARTNERS

The following entities are participating as collaborative partners with Summit County in this grant application and project:

Akron General Health System (not-for-profit)	Bath Township (political subdivision)
City of Fairlawn (political subdivision)	City of Hudson (political subdivision)
City of Stow (political subdivision)	City of Tallmadge (political subdivision)
City of Twinsburg (political subdivision)	Copley Township (political subdivision)
Sourcing Office (Ohio-based council of governments and political subdivision serving more than 400 public sector and not-for-profit organizations across Ohio)	Village of Mogadore (political subdivision)
University of Akron (4-year public university)	Hosted Technology Exchange, LLC (Ohio-based for profit company and already-procured Sourcing Office supplier partner)

Additional information about each collaborative partner, including contact information, U.S. Census population data (if applicable), the nature of the partnership with Summit County, and how the collaborative partners will work with Summit County on the proposed project are detailed in each of the following tables.

Collaborative Partner:	Akron General Health System in Summit County, Ohio
Primary Contact:	David Fiser, Vice President/Chief Information Officer
Address:	400 Wabash Avenue
	Akron, Ohio 44307
Phone Number:	330-344-1628
Fax Number:	
Email Address:	Dave.Fiser@AkronGeneral.org
Website Address:	www.akrongeneral.org
Population Data:	1,365,638 residents of Summit, Medina, Portage, Stark, and Wayne counties according to the 2010 U.S. Census
Nature of partnership and working relationship with Summit County:	The Health System will provide extensive baseline telecommunications and data information associated with each physical location, including total costs by cost categories, the internal telecom/Local Area Network infrastructure by location, the external Wide Area Network infrastructure by location, and information about any in-place fiber and broadband assets. The Health System will provide copies of in-place telecom and IT-related contracts, and other information reasonably requested by the project team in support of the project.
Supporting documentation of partnership with Summit County:	See Tab 5 for the executed partnership agreement with Summit County for purposes of participating in the Summit County Broadband Initiative. As a not-for-profit organization, the Health System is not a political subdivision and did not adopt a resolution of support.

Collaborative Partner:	Bath Township in Summit County, Ohio
Primary Contact:	William E. Snow, Administrator
Address:	3864 West Bath Road
	Akron, Ohio 44333
Phone Number:	330-666-4007 x1504
Fax Number:	330-666-0305
Email Address:	WSnow@BathTownship.org
Website Address:	www.bathtownship.org
Population Data:	9,702 according to the 2010 U.S. Census
Nature of partnership and working relationship with Summit County:	The Township will provide extensive baseline telecommunications and data information associated with each Township physical location, including total costs by cost categories, the internal telecom/Local Area Network infrastructure by location, the external Wide Area Network infrastructure by location, and information about any in-place fiber and broadband assets. The Township will provide copies of in-place telecom and IT-related contracts, information regarding existing or planned industrial parks that could benefit from this project, and other information reasonably requested by the project team in support of the project.
Supporting documentation of partnership with Summit County:	See Tab 5 for the resolution of support adopted by the Township Trustees and an executed partnership agreement with Summit County for purposes of participating in the Summit County Broadband Initiative.

Collaborative Partner:	City of Fairlawn in Summit County, Ohio
Primary Contact:	Stephen T. Ameling, Information Services Director
Address:	3487 South Smith Road
	Fairlawn, Ohio 44333
Phone Number:	330-668-9659
Fax Number:	330-668-9520
Email Address:	AmelingS@Ci.Fairlawn.Oh.Us
Website Address:	www.cityoffairlawn.com
Population Data:	7,437 according to the 2010 U.S. Census
Nature of partnership and working relationship with Summit County:	The City will provide extensive baseline telecommunications and data information associated with each City physical location, including total costs by cost categories, the internal telecom/Local Area Network infrastructure by location, the external Wide Area Network infrastructure by location, and information about any in-place fiber and broadband assets. The City will provide copies of in-place telecom and IT-related contracts, information regarding existing or planned

	industrial parks that could benefit from this project, and other information reasonably requested by the project team in support of the project.
Supporting documentation of partnership with Summit County:	See Tab 5 for the resolution of support adopted by the City Council and an executed partnership agreement with Summit County for purposes of participating in the Summit County Broadband Initiative.

Collaborative Partner:	City of Hudson in Summit County, Ohio
Primary Contact:	Anthony J. Bailes, City Manager
Address:	27 East Main Street
	Hudson, Ohio 44236
Phone Number:	330-342-1700
Fax Number:	330-650-6756
Email Address:	www.ABalees@Hudson.Oh.Us
Website Address:	www.hudson.oh.us
Population Data:	22,262 according to the 2010 U.S. Census
Nature of partnership and working relationship with Summit County:	The City will provide extensive baseline telecommunications and data information associated with each City physical location, including total costs by cost categories, the internal telecom/Local Area Network infrastructure by location, the external Wide Area Network infrastructure by location, and information about any in-place fiber and broadband assets. The City will provide copies of in-place telecom and IT-related contracts, information regarding existing or planned industrial parks that could benefit from this project, and other information reasonably requested by the project team in support of the project.
Supporting documentation of partnership with Summit County:	See Tab 5 for the resolution of support adopted by the City Council and an executed partnership agreement with Summit County for purposes of participating in the Summit County Broadband Initiative.

Collaborative Partner:	City of Stow in Summit County, Ohio
Primary Contact:	Dale Germano, Manager of Information Systems
Address:	3760 Darrow Road
	Stow, Ohio 44224
Phone Number:	330-689-2783
Fax Number:	330-689-2705
Email Address:	DGermano@Stow.Oh.Us
Website Address:	www.stow.oh.us
Population Data:	34,837 according to the 2010 U.S. Census

Nature of partnership and working relationship with Summit County:	The City will provide extensive baseline telecommunications and data information associated with each City physical location, including total costs by cost categories, the internal telecom/Local Area Network infrastructure by location, the external Wide Area Network infrastructure by location, and information about any in-place fiber and broadband assets. The City will provide copies of in-place telecom and IT-related contracts, information regarding existing or planned industrial parks that could benefit from this project, and other information reasonably requested by the project team in support of the project.
Supporting documentation of partnership with Summit County:	See Tab 5 for the resolution of support adopted by the City Council and an executed partnership agreement with Summit County for purposes of participating in the Summit County Broadband Initiative.

Collaborative Partner:	City of Tallmadge in Summit County, Ohio
Primary Contact:	David G. Kline, Mayor
Address:	46 North Avenue
	Tallmadge, Ohio 44278
Phone Number:	330-633-0857
Fax Number:	330-630-4922
Email Address:	DKline@Tallmadge-Ohio.org
Website Address:	www.tallmadge-ohio.org
Population Data:	17,537 according to the 2010 U.S. Census
Nature of partnership and working relationship with Summit County:	The City will provide extensive baseline telecommunications and data information associated with each City physical location, including total costs by cost categories, the internal telecom/Local Area Network infrastructure by location, the external Wide Area Network infrastructure by location, and information about any in-place fiber and broadband assets. The City will provide copies of in-place telecom and IT-related contracts, information regarding existing or planned industrial parks that could benefit from this project, and other information reasonably requested by the project team in support of the project.
Supporting documentation of partnership with Summit County:	See Tab 5 for the resolution of support adopted by the City Council and an executed partnership agreement with Summit County for purposes of participating in the Summit County Broadband Initiative.

Collaborative Partner:	City of Twinsburg in Summit County, Ohio
Primary Contact:	Katherine A. Procop, Mayor
Address:	10075 Ravenna Road
	Twinsburg, Ohio 44087

Phone Number:	330-963-6207
Fax Number:	330-963-6251
Email Address:	KProcop@Twinsburg.Oh.Us
Website Address:	www.mytwinsburg.com
Population Data:	18,795 according to the 2010 U.S. Census
Nature of partnership and working relationship with Summit County:	The City will provide extensive baseline telecommunications and data information associated with each City physical location, including total costs by cost categories, the internal telecom/Local Area Network infrastructure by location, the external Wide Area Network infrastructure by location, and information about any in-place fiber and broadband assets. The City will provide copies of in-place telecom and IT-related contracts, information regarding existing or planned industrial parks that could benefit from this project, and other information reasonably requested by the project team in support of the project.
Supporting documentation of partnership with Summit County:	See Tab 5 for the resolution of support adopted by the City Council and an executed partnership agreement with Summit County for purposes of participating in the Summit County Broadband Initiative.

Collaborative Partner:	Copley Township in Summit County, Ohio
Primary Contact:	Helen Humphrys, Board of Trustees President
Address:	1540 South Cleveland-Massillon Road
	Copley, Ohio 44321
Phone Number:	330-666-1853
Fax Number:	330-666-2245
Email Address:	HHumphrys@Copley.Oh.Us
Website Address:	www.copley.oh.us
Population Data:	17,304 according to the 2010 U.S. Census
Nature of partnership and working relationship with Summit County:	The Township will provide extensive baseline telecommunications and data information associated with each Township physical location, including total costs by cost categories, the internal telecom/Local Area Network infrastructure by location, the external Wide Area Network infrastructure by location, and information about any in-place fiber and broadband assets. The Township will provide copies of in-place telecom and IT-related contracts, information regarding existing or planned industrial parks that could benefit from this project, and other information reasonably requested by the project team in support of the project.
Supporting documentation of partnership with Summit County:	See Tab 5 for the resolution of support adopted by the Township Trustees and an executed partnership agreement with Summit County for purposes of participating in the Summit County Broadband Initiative.

Collaborative Partner:	Sourcing Office in Cuyahoga County, Ohio
Primary Contact:	David J. Akers, Founder
Address:	5422 East 96 th Street, Suite 120
	Garfield Heights, Ohio 44125
Phone Number:	216-581-6200 x101
Fax Number:	216-581-6213
Email Address:	David.Akers@SourcingOffice.org
Website Address:	www.sourcingoffice.org
Population Data:	Sourcing Office (an Ohio-based Council of Governments) serves local governments, special districts, public schools, public colleges and universities, not-for-profit organizations, and for-profit entities across the State of Ohio and across the country. The total population of local governments within Ohio eligible to be served by Sourcing Office is the total population of the State of Ohio: 11,536,504 according to the 2010 U.S. Census.
Nature of partnership and working relationship with Summit County:	In December, 2010, Sourcing Office procured a contract in accordance with the Ohio Revised Code for a Managed Information Technology & Telecommunications Cooperative; Hosted Technology Exchange, LLC, was awarded the contract as the lowest responsive and responsible bidder. The already-procured program with HTE _x and HTE _x 's capabilities will serve as the basis for the project work to be performed on behalf of all the participating public sector entities in a collaborative fashion without the entities having to conduct their own bid or Request for Proposal process. This approach streamlines the project and achieves immediate economies of scale for the participants. Sourcing Office is coordinating the development and submission of the grant document on behalf of Summit County and the other collaborative partners, including any responses requested by the Ohio Department of Development and future reporting from Summit County as required. Sourcing Office will help coordinate the assembly and compilation of the data from each collaborative partner; lead the review of any governance and control issues across participating entities regarding broadband deployment, usage, and third party contracting that are identified during the feasibility study; develop recommendations for managing such governance and control issues; and facilitate collaborative efforts between participating entities as required. Sourcing Office will also serve as the vehicle to scale or replicate the project in other parts of Ohio going forward.
Supporting documentation of partnership with Summit County:	See Tab 5 for the resolution of support adopted by the Sourcing Office Board of Directors and an executed partnership agreement with Summit County for purposes of participating in the Summit County Broadband Initiative.

Collaborative Partner:	University of Akron in Summit County, Ohio
Primary Contact:	Jim Sage, Vice President for Information Technology & CIO
Address:	302 Buchtel Common, Room 205
	Akron, Ohio 44325
Phone Number:	330-972-6242
Fax Number:	330-972-2155
Email Address:	JSage@Uakron.edu
Website Address:	www.uakron.edu
Population Data:	29,699 students according to Fall 2011 enrollment data published by the University
Nature of partnership and working relationship with Summit County:	The University will provide extensive baseline telecommunications and data information associated with each University physical location, including total costs by cost categories, the internal telecom/Local Area Network infrastructure by location, the external Wide Area Network infrastructure by location, and information about any in-place fiber and broadband assets. The University will provide copies of in-place telecom and IT-related contracts and other information reasonably requested by the project team in support of the project.
Supporting documentation of partnership with Summit County:	See Tab 5 for the executed partnership agreement with Summit County for purposes of participating in the Summit County Broadband Initiative. As a 4-year public university, the University is not a political subdivision and did not adopt a resolution of support.

Collaborative Partner:	Village of Mogadore in Summit County, Ohio
Primary Contact:	Mike Rick, Mayor
Address:	135 South Cleveland Avenue
	Mogadore, Ohio 44260
Phone Number:	330-628-4896
Fax Number:	330-628-5850
Email Address:	RickM@MogadoreVillage.org
Website Address:	www.MogadoreVillage.org
Population Data:	2,846 according to the 2010 U.S. Census
Nature of partnership and working relationship with Summit County:	The Village will provide extensive baseline telecommunications and data information associated with each Village physical location, including total costs by cost categories, the internal telecom/Local Area Network infrastructure by location, the external Wide Area Network infrastructure by location, and information about any in-place fiber and broadband assets. The Village will provide copies of in-place telecom and IT-related contracts, information regarding existing or planned industrial parks that could benefit from this project, and

	other information reasonably requested by the project team in support of the project.
Supporting documentation of partnership with Summit County:	See Tab 5 for the resolution of support adopted by the Village Council and an executed partnership agreement with Summit County for purposes of participating in the Summit County Broadband Initiative.

Collaborative Partner:	Hosted Technology Exchange, LLC (HTEx) in Summit County, Ohio
Primary Contact:	Dan Quigg, Chief Executive Officer
Address:	571 Boston Mills Road, Suite 500
	Hudson, Ohio 44236
Phone Number:	330-656-5264
Fax Number:	330-656-5288
Email Address:	Dan.Quigg@HTExch.com
Website Address:	www.htexch.com
Population Data:	N/A. HTEx is an Ohio-based company that will provide the consulting, analytical, and contract negotiation services required to complete the project through its already-procured contract vehicle with Sourcing Office.
Nature of partnership and working relationship with Summit County:	<p>HTEx's role in this project will be to:</p> <ul style="list-style-type: none"> • Review baseline Information Technology and telecom data from each participating entity • Research existing fiber and broadband assets within each participating entity • Identify additional fiber or broadband assets that may be used as an inter-connectivity platform • Inventory and assess the in-place telecom and Information Technology contracts for each participating entity • Determine cost savings, communications applications, and other collaboration benefits that participating entities may achieve from a shared broadband platform • Research the vendors that can provide cost effective fiber and broadband services throughout Summit County • Negotiate prospective service level agreements and pricing with those vendors • Prepare a recommended shared broadband network design for the participating entities that can be replicated • Project cost savings, service level improvements, and collaboration benefits for participating entities • Recommend internal telecom/Local Area Network infrastructure and network services changes for individual participating entities • Identify and develop recommendations to resolve, in conjunction with Sourcing Office, potential governance challenges and issues across participating institutions as a

	result of sharing services
Supporting documentation of partnership with Summit County:	See Tab 5 for the executed partnership agreement with Summit County for purposes of participating in the Summit County Broadband Initiative. As a private company, HTEEx did not adopt a resolution of support.

TAB 3: PROJECT INFORMATION

PROJECT NAME

Summit County Shared Broadband Initiative (Project or Initiative)

GLOSSARY OF KEY TERMS

Broadband: a broad range of technologies, all of which provide high data speed access to the Internet and to similarly connected entities through a continuous connection that does not “hog” phone lines (source: Wikipedia.com).

Communication Systems: a collection of individual communications networks, transmission systems, relay stations, tributary stations, and data terminal equipment (such as computers, servers, and telephones) capable of interconnection and interoperation to form an integrated whole. The components of a communications system serve a common purpose, are technically compatible, use common procedures, respond to controls, and operate in unison (source: Wikipedia.com).

Convergence: describes emerging telecommunications technologies and network architecture used to migrate multiple communications services into a single network. Specifically, convergence involves the coming together of previously distinct media such as telephony and data communications into a single digital bit-stream (source: Wikipedia.com).

Fiber-optic Communications: a method of transmitting information from one place to another by sending pulses of light through an optical fiber. The light forms an electromagnetic carrier wave that is modulated to carry information. First developed in the 1970s, fiber-optic communication systems have revolutionized the telecommunications industry and have played a major role in the advent of the Information Age. Because of its advantages over electrical transmission, optical fibers have largely replaced copper wire communications in core networks in the developed world (source: Wikipedia.com).

Network: a system containing any combination of computers, computer terminals, printers, audio or visual display devices, or telephones interconnected by telecommunication equipment or cables: utilized to transmit or receive data and information (source: Dictionary.com).

Shared Broadband Infrastructure or Network: a broadband network utilized by multiple entities all connected to each other and to the Internet through fiber with high data speed and continuous connectivity (source: Wikipedia.com).

BRIEF PROJECT DESCRIPTION

Summit County and the City of Tallmadge are leading a feasibility and cost benchmarking study to create a shared broadband infrastructure that will serve public sector, not-for-profit, and private sector organizations throughout Summit County. This shared broadband infrastructure, when implemented, will reduce costs, improve productivity, and most importantly provide the necessary broadband platform to enable collaboration and shared services at scale. Further, the implementation of shared broadband enables previously inaccessible economic development potential through innovative public-private partnerships.

This feasibility and cost benchmarking study will consist of the following steps:

- Obtain baseline information from the participants for each participant's locations, including the total annual telecom/data costs by cost category, the internal telecom/Local Area Network (LAN) infrastructure by site, the external Wide Area Network (WAN) infrastructure by site, and any in-place fiber/broadband assets.
- Research the existing fiber or broadband assets within the geographical footprint of the participants that can be utilized to achieve the desired individual and collective cost savings and other service level and collaborative benefits.
- Research additional fiber or broadband assets, such as those operated by Information Technology Centers, which may be utilized as an inter-connectivity platform between participants to achieve the desired individual and collective cost savings.
- Inventory and assess the in-place telecom/IT-related contracts to ensure these contracts do not inhibit any participant's opportunity to access and benefit from the shared broadband network when it is deployed. Additionally, develop the required telecom/IT contracts that will facilitate and support each participant's participation going forward.
- Conduct a high level assessment to determine the cost savings, communications applications, and other collaboration benefits that the participants may achieve by leveraging a shared broadband network throughout Summit County.
- Research which vendors can provide cost effective fiber or broadband services throughout Summit County to fill gaps in current coverage, thereby achieving individual and collective cost savings, service levels, and other collaborative benefits.
- Negotiate prospective service level agreements and pricing using the combined purchasing power of the participants in conjunction with the existing HTEx purchasing cooperative that is available to Ohio public sector entities through Sourcing Office.
- Prepare a recommended shared broadband network design for the participants that can further be leveraged and replicated for additional public sector, not-for-profit, and private sector participation throughout Summit County.
- Project cost savings vs. cost benchmarks developed, impact of improved service levels, and collaboration benefits that will be enabled by the shared broadband network.
- Recommend internal telecom/LAN infrastructure and network services changes to be either upgraded or replaced by individual participants to enable their access to and participation in the shared broadband network.
- Identify potential governance challenges and related issues that the participating institutions may encounter when sharing services across the broadband network.

The participating entities benefit in terms of hard dollar savings (reduced out of pocket costs), soft dollar savings (improved productivity), service level improvements, and readiness to access a range of new capabilities. Further, the participating entities also benefit across three levels:

- **Phase I: Organizational** – the individual participants can drive existing IT and telecommunications costs down by:
 - Eliminating waste through auditing existing costs.
 - Converging voice and data and optimizing usage management.
 - Analyzing contracts for optimal contract costs and service levels, while positioning for future opportunities within a larger collaborative network.
 - Designing and implementing new systems as evolutionary (as needed) rather than revolutionary (overhaul) and financing new systems through operating costs rather than through capital expenditures.
 - Avoiding future capital expenditures that are either no longer necessary or can be incorporated into other system areas.

Currently, most of the participating entities have already invested in **in-kind services** to achieve this kind of organizational cost reduction and improvement. This initial work positions them well to move to the second and ultimately third phase of benefits.

- **Phase II: Inter-Connectivity** – in order to achieve the overall benefit of further reducing costs, improving service levels, and sharing services, organizations must be able to inter-connect with each other. This level provides the means to reduce network service costs primarily through aggregation of demand across participants and shifting access from public lines to the shared private network. Further, without inter-connectivity, there is very limited potential for further cost savings or shared services.
 - Inter-connectivity is first discovered by inventorying and mapping all available network assets in Summit County. For example, broadband fiber connectivity may exist in the school across the street, in an industrial park down the road, or in an Information Technology Center (ITC).
 - Identifying coverage gaps within the existing network assets.
 - Sourcing prospective network services to plug the gaps.
 - Architecting the optimal design for converged voice and data.

The optimal design takes an inside-out approach that looks to build geographically from the communities outward. Thus, organizations are joined together as interconnected groups which are subsequently linked to other inter-connected groups across the county.

- **Phase III: Shared Services** – the final phase occurs once organizations are inter-connected and can collaborate on a wide range of shared services. It is impossible to predict the future evolution of Information Technology and communication systems and the new types of collaborations and shared services that will be available to public sector, not-for-profit, and private sector entities as a result. However, it is certain that many of these technologies will require high speed connectivity a) to the various facilities **within** a single entity, b) directly **between** collaborators and c) **beyond** to other entities across the state, the country, and the world through the Internet. The implementation of a high speed broadband network is a fundamental requirement to deploying existing as well as future technologies to achieve greater cost savings and improved productivity.

TYPE OF AWARD SUMMIT COUNTY IS SEEKING

Summit County seeks a grant to help pay for a feasibility and cost benchmarking study.

PROOF OF FEASIBILITY STUDY DETERMINATION

Not applicable for a grant application.

PROBLEM STATEMENT AND APPROACH

This project, which sets the stage for the deployment of an integrated and shared broadband network across Summit County, is designed to address the multiple challenges and opportunities facing public sector entities within Summit County that are primarily driven by external forces.

Convergence of Voice and Data

The first and most significant external force driving change is the convergence of voice and data networks. Traditionally, the telecommunications services and data transfer capabilities were delivered via separate networks: voice on the telephone network and data on computer networks or local area networks (LANs). These networks, whether within an organization itself or between an organization and the outside world, were largely engineered for a specific application (such as telecommunications) and are not suited to other applications. For example, the traditional telephone network is too noisy and inefficient for high speed data communication. On the other hand, data networks which store and forward messages using computers have very limited connectivity, usually do not have sufficient bandwidth for digitized voice and video signals, and suffer from unacceptable delays for the real-time signals.

High speed broadband networks utilizing fiber-optic cables have enabled the convergence of voice traffic and data traffic onto the same cables. However, many public sector entities in Summit County do not have in-house networks designed to and capable of supporting a converged voice and data environment. Additionally, many of these entities do not have existing equipment (such as telecommunication systems) capable of accessing broadband networks and cannot afford the capital expenditures required to upgrade their equipment to access the capabilities enabled by high-speed broadband.

This project will identify the internal network and equipment gaps for participants who are not prepared to leverage broadband capabilities, identify cost savings opportunities, and design a pathway paid for primarily through cost savings and restructured vendor contracts for participants to install the in-house networks and equipment needed to leverage broadband.

An example: one mayor in Summit County was unable to make an internal call to his police chief, located in a building across the parking lot, by using a 4-digit extension. Rather, he had to dial an 11 digit number and make an external call through the local telephone company until the city connected each of its facilities with broadband and implemented a single new, high

functionality telecommunications system across all departments. Now all city employees can call each other by simply dialing an extension, forward voice mails, etc.

Lack of Affordable Access to Broadband Networks

A second challenge, even for an organization that has the internal network and equipment to leverage a broadband network, is that installing the fiber necessary to access a particular vendor's broadband network can be very expensive, especially when that vendor's nearest network access point or central office is not located close to a participant's facility. Public sector entities in Summit County do not have access to a single map that shows all of the existing fiber that is deployed across Summit County, whether from third party vendors; existing publicly operated networks (such as those operated by Information Technology Centers), OPLIN (serving libraries across the state), or OARnet (serving higher education institutions across the state); or dark (unused) fiber that may have been laid historically within a public sector entity's boundary by a previous administration.

This project will identify existing fiber throughout the participating entities' boundaries and develop a consolidated map of that fiber in relation to the facilities owned and operated by the participants. This map will then serve as a tool to identify the closest existing fiber that can be accessed by each facility, thereby significantly reducing the cost of providing broadband access to each individual facility. How much easier and less expensive is it to connect a city hall to the fiber network in the public library across the street than it is to lay miles of new fiber to connect to a third party vendor miles away?

A Powerful Economic Development Tool

A third challenge is that businesses require access to high speed broadband as well and face the same cost of access challenges. Public sector entities involved in economic development activity are unable to provide developers and businesses with the same information to identify the nearest available broadband networks, thereby reducing the cost of connecting businesses that demand cost effective high speed access to existing broadband networks.

The broadband map of existing fiber assets that will be created as part of this project will provide public sector entities seeking to retain and attract both development and businesses with a powerful economic development tool.

Inability to Deploy Shared Service Models at Scale

The ability to deploy various shared service models cost effectively (without major up-front capital investments) and at scale for back office operations is largely dependent upon shared access to a broadband network. The creation of a shared broadband infrastructure accessible to public sector entities in Summit County will enable those entities to enter into many types of collaborations at a minimal additional cost once the entities are connected to the network.

An example: more and more groups of municipalities are beginning to explore the implementation of shared dispatch operations as a way of improving response times and capabilities (improved productivity) and avoiding current and future costs (cost reduction). A

significant driver of these discussions, beyond just general budget pressure, is the pending release of next generation dispatch technology, which will require the wholesale replacement of existing dispatch systems in the next five to ten years at tremendous up-front capital cost. These costs can be shared across multiple entities participating in a shared dispatch center, but only if the police departments in each participating entity are connected through a shared broadband network that enables the shared dispatch function to work seamlessly with each department.

Flawed Approaches to Managing these Macro Challenges

Public sector organizations are confronted with a conundrum: a) how to reduce costs, improve productivity, and enable collaboration, while b) utilizing obsolete technologies, relying on inefficient data and network infrastructures, and having severely limited capital budgets. There is a significant challenge in transitioning from the current state to the desired future state given these constraints. Organizations lack the process, tools, bandwidth, and expertise to make it happen. There are several existing approaches that are flawed in their methodology:

“Build It and They Will Come”

This approach focuses on building a broadband super-highway with a goal of getting public and private sector organizations onto the super-highway. The broadband asset may be built without fully contemplating how the users will connect to and benefit from the super-highway. There are a number of issues associated with this approach.

1. Potential users may not be driven by a specific need (e.g., implementing shared dispatch or joint telecommunications systems) for connecting to the network.
2. Potential users may have antiquated systems and infrastructure unable to even connect to the network and so cannot leverage the shared broadband network anyway.
3. Network usage fees may be cost-prohibitive.
4. Potential users may not be aware of existing network fiber that could be utilized to reduce the cost of connecting to the broadband super-highway.

“Jump to the Finish Line”

This approach jumps immediately to the end-sum game of trying to implement shared applications without taking into consideration how and when to get there. For example, several organizations may desire to share dispatch services. However, they may lack the connectivity and the internal infrastructure to accommodate making that jump. It would be equivalent of building a home based on individual rooms. The home must contemplate the final goal of 4 bedrooms and 2 ½ bathrooms, but must first start with the foundation. Then the home must be built with the plumbing (connectivity) in order to meet the demands of the various rooms and their functions.

Such is the problem of jumping right into applications without ensuring that the proper foundation (internal network design and equipment capability) is actually in place. While applications clearly must be contemplated in a design, the application deployment cannot be architected until organizational and network capability is assessed. The technology foundation must be laid. Further, the governance foundation must be laid. Organizations that wish to

collaborate frequently face one of two problems. The first is that the legal, control, and governance issues become such a challenge in the early stages of discussion that they are never resolved and the collaboration never materializes. The second is that the collaborators do not think through how to operate both legally and practically. So the actual execution of shared services from a legal and operating perspective may be deferred till the end of the process, which frequently will leave many unanswered questions that may delay or permanently derail the implementation of the shared services.

“Spend Until You Hit Pay Dirt

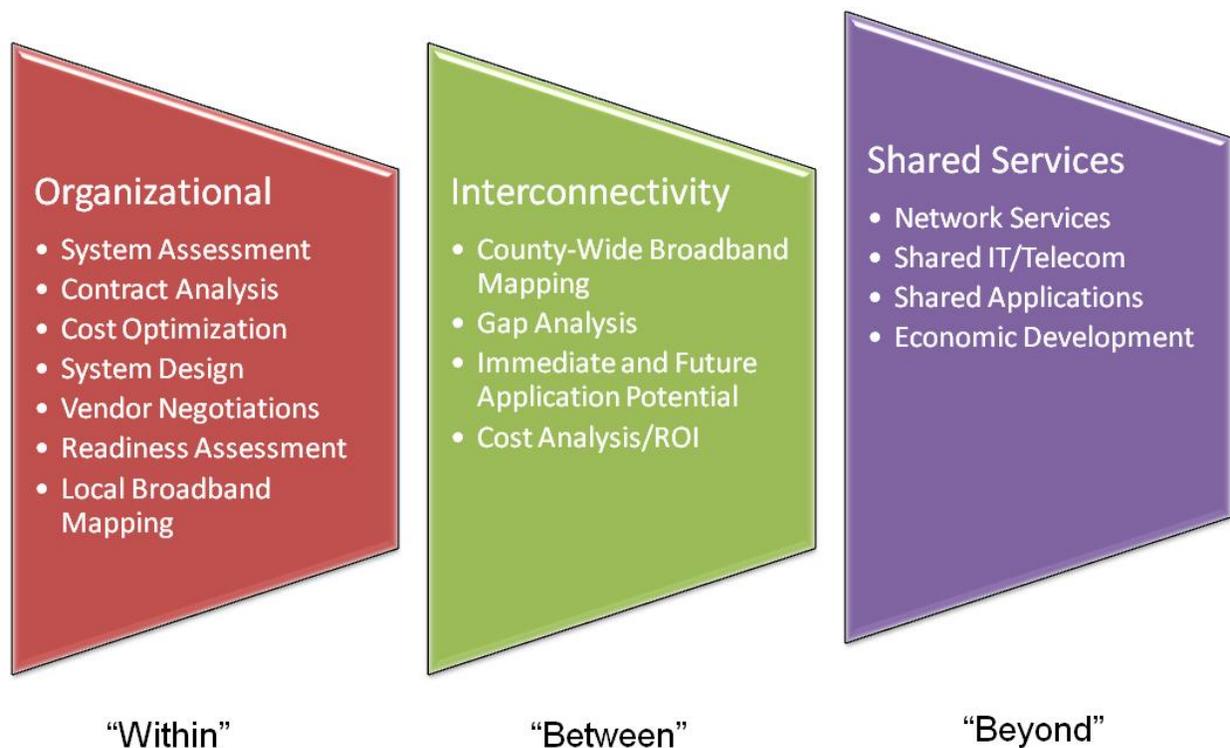
This approach entails capital intensive spending on equipment and infrastructure to achieve a targeted result. Spend until success appears to be the only obvious answer when faced with failing equipment. Organizations with appropriated capital dollars try to achieve a change in technology without really knowing that there are alternative paths. Much ongoing technology deployment can be achieved by leveraging existing network and infrastructure assets and can be implemented on an evolutionary basis over a longer time period. The need to spend large capital dollars can typically be avoided with the proper network design.

Organizations are challenged by vendors who offer multiple solution paths. However, the vendor has no incentive to provide solutions on the most cost-effective path for the public sector customer. Vendors are incentivized to sell “stuff,” the more stuff they sell and the sooner they sell it, the better. Organizations need an advocate that can take a holistic, customer-centric approach to technology solutions.

A Progressive Framework for Managing Macro Challenges

The project funded by this grant application will follow a progressive framework, an approach that seeks to move towards an inter-connected county which optimally leverages assets and infrastructure within the county on behalf of public sector, not-for-profit, and private sector entities. This proven approach further ensures that organizations have the internal ability to connect into and take advantage of such a network.

The following diagram outlines the three component approach that HTEx has successfully implemented with public sector entities previously. This approach ensures that the participants have the internal capacity to leverage broadband while simultaneously designing the shared broadband network as a platform for delivering shared services at scale.



Phase I: Organizational (“Within”)

During this phase, organizations are seeking to ensure that they are able to maximize their own cost efficiency while also enabling them to participate in a broader effort.

- Does the organization have the system to take advantage of a shared design? Organizations with antiquated systems may not be able to take advantage of a shared network despite the best of intentions. They must be upgraded to a more current system design. Typically, such upgrades can be accomplished without significant up-front capital expense.
- Does the organization have expiring or long-term contracts for network services already in place? If the organization has long-term contracts, those contracts may preclude the opportunity to jump into shared network services. Conversely, if contracts can be reviewed at the outset, an organization may be able to migrate to a shared network immediately or over time.
- Does the organization have existing assets that can be leveraged not only by the organization itself, but also by a wider community of interest group? Determining the answer to this question involves significant discovery work to determine what potential shared assets exist. Some of these assets may not be self-evident.

Phase II: Interconnectivity (“Between”)

During this phase, the organizations start to seek out potential network assets that may be used across or between the participants.

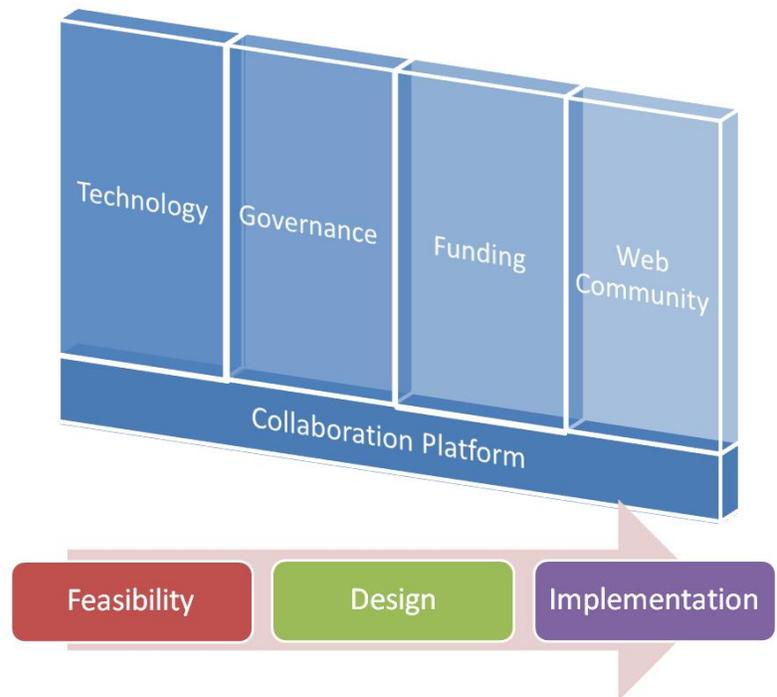
- Are there existing, known broadband assets that currently connect into an organization and can serve as a broadband bridge to participants outside the organization? For example, an Information Technology Center connects into K-12 schools and may be the most cost-effective way of connecting to other organizations.
- Where are there gaps in coverage between the participating organizations? How can these gaps in coverage be most cost-effectively and quickly addressed?
- How will the gaps be addressed? Perhaps through existing vendor solutions or through other organizations' broadband capabilities. Under the best of scenarios, there may be low or no cost options for individual participants.
- What are the short and long-term applications that may be shared? By contemplating the potential for shared applications early, the proper network design for both today's requirements and future needs can be established.

Phase III: Shared Services (“Beyond”)

During this phase, the potential for shared services is further explored.

- Are there existing core services that can be shared?
- What are applications that can achieve the most immediate cost-savings with the lowest difficulty of implementation?
- What applications can be shared that can be explored early? What issues need to be addressed to ensure an uninterrupted progression to shared services?
- Are there applications that can enhance economic development activities?

HTEx and Sourcing Office have created a collaboration platform that is based on three distinct steps with four components addressed during each phase. The three steps follow the lowest risk path from feasibility through design to implementation. In addition to technology, we review governance and legal issues using a template developed by Sourcing Office and the law firm of Benesch Friedlander. We evaluate funding possibilities. We also determine whether to implement a web community platform for the participants, which allows for the parties to interact in the most collaborative way possible. HTEx has licensed a community framework and will build out and manage the site for each community of interest.



IDENTIFICATION OF TARGETED APPROACH TO INNOVATION

Shared service.

ANTICIPATED RETURN ON INVESTMENT

HTEEx's history of similar Phase I projects **within** individual organizations has consistently delivered savings of 25% to 30%. Based on our work to date, it is anticipated that aggregating network services demand **between** organizations in Phase II will achieve additional savings of 10% to 30%. The level of savings achieved through Phase III (**beyond**) shared services and applications will vary dramatically depending on the specific application, the number of participants, and the amount of the savings that is reinvested into higher quality service delivery.

As is detailed in Tab 4, the total cost of this project is approximately \$380,000. The estimated savings between the Phase I Organizational Assessment and Phase II Inter-Connectivity deployment is slightly more than \$2,000,000, for a total return on investment of 534%. This figure does not take into account any capital cost avoidance achieved or other expenditures by the participants that may be required.

It is difficult to calculate exactly the participants' total current baseline costs for network-related telecom and IT expenses without conducting the type of feasibility study described herein for each individual participant, then aggregating the data across the group. A critical component of this project is establishing a current cost benchmark for each participant's voice and data connectivity and usage individually and in the aggregate. In addition, this project will determine the capital and operating costs required to upgrade participants' network and equipment as necessary to enable the participants to access and maximize their utilization of the proposed shared broadband network. Finally, the project will identify cost savings opportunities that can be utilized to offset the costs of any investments required to upgrade participants' network and equipment.

Organizational Cost Efficiencies

HTEEx as a collaborative partner has an 18-year history in driving cost efficiencies at a local level. The initial cost savings for individual organizations (**within**) averages 25-30%. These cost efficiencies come from elimination of waste, network and system redesign, and contract restructuring.

- Waste is the identification and elimination of services no longer in use and unnecessary charges based upon billing and cost review
- Network and system redesign involves voice and data convergence, leveraging of existing network assets, and upgrading infrastructure to maximize broadband and equipment capabilities
- Contract restructuring involves maximizing cost and service level contract terms

In addition to cost efficiencies, participants can typically avoid costly system and network upgrades that may be necessary to simply replace antiquated infrastructure. Finally, HTEEx's

experience shows that, in over 75% of its public sector projects, organizations were able to fully pay for replacing aging technology from HTEEx-identified cost savings.

For example, the City of Tallmadge achieved 25% cost savings. These savings completely funded the city's new data infrastructure and voice over Internet protocol (VoIP) telecommunications solution. The city was also able to avoid an emergency capital cost of \$46,000 to replace safety services equipment by embedding equivalent functionality as an operating cost in the new solution. Similarly, the City of Hudson was able to achieve 41% cost savings and completely fund a new data infrastructure and VoIP telecommunications system through its HTEEx-identified cost savings. In both cases, HTEEx enabled these cities to more effectively leverage in-place broadband assets. Additionally, both cities will now be able to access and benefit from a county-wide shared broadband network when it is implemented.

As part of this feasibility and cost benchmarking study, the individual readiness of all participants to connect to and leverage a shared broadband network will be determined. HTEEx anticipates similar 25% to 30% cost savings and technological improvements on an individual basis (**within**) for additional participants as they join the county-wide initiative.

Shared Telecom Cost Savings

Organizational benefits can average 25-30% on an individual basis (**within**). However, once telecom and data usage is aggregated and shared across a group of participants, the potential for savings is expected double to over 50% (**between**). These savings are achievable because network resources are consolidated over multiple organizations and usage is aggregated within the shared participant pool, thereby reducing the need for outside services from third party vendors. In essence, the demand for network services is shifted from a public network provided by third party vendors (with usage charges) to a private network shared by the participants with low or no cost.

As the public sector, not-for-profit, and private sector participation in the shared broadband network increases, the telecom and IT cost savings will increase because of the increased buying power of a larger group purchasing pool. These savings are generated from the increased efficiencies of managing traffic on a combined basis (reduced number of channels) with more efficient traffic management tools such as Session Initiation Protocol (SIP). Further, the participants reduce costs by pooling usage on a contractual basis over time. Contracts for network services can be renegotiated on a combined basis rather than an individual basis.

Potential for Shared Services

By interconnecting through a shared broadband network, the participants can set the stage for sharing a wide range of services (**beyond**). Without broadband inter-connectivity, the participants cannot effectively and cost-efficiently share services because the initial shared telecom and IT services must have sufficient bandwidth to operate effectively across the group. As the deployment of additional shared services occur, the bandwidth requirements will increase.

These initial and future bandwidth requirements cannot be provided by traditional point to point communications services. It requires either direct fiber connectivity or high level broadband services that can be cost efficiently scaled to address the bandwidth demand. In reality, the county-wide network design will be a combination of both fiber and leased broadband and a combination of leveraging the in-place broadband with the non-band requirements. This design process will dictate the cost efficiency of the total county-wide network as well as the magnitude of the participants' short and long term cost savings.

General Telephony Advantages with a Shared Network beyond Cost Savings:

Most public sector entities are operating with obsolete telephone equipment and cannot afford the cost of upgrading. With a shared broadband network utilizing a host site, participating entities can acquire the up-to-date functionality through a monthly cost of service charge as opposed to a capital investment at the same or less than current cost paid for operating the out-of-date equipment today. This far more cost effective model will allow those entities to take advantage of the new functionality that they otherwise could not afford. Some of those features include: mobility, unified messaging, presence, and instant messaging. The additional advantage of having 4 or 5-digit dialing between entities (rather than 8 or 11-digit dialing through an outside telephone company line) will further encourage collaboration.

Once connected with broadband, the smaller participating organizations can affordably take advantage of increased Internet access that they may not be able to afford today.

Shared Dispatch with Access to a Shared Network:

For the purposes of illustration of just one shared service that can be more effectively deployed by leveraging the shared broadband network, we are including a high-level analysis of the quantitative and qualitative benefits achieved through a shared dispatch operation. The participants can reduce the costs of operating a shared dispatch center. The following **annual** cost reductions per participant, which are relatively constant from year-to-year, result from the elimination of a site by joining a shared dispatch:

- LEADS access - \$9,000
- 911 PSAP maintenance - \$3,000
- PSTN access - \$4,000

In addition, cost savings in the following line items would be available, but the amount of savings would vary by participant:

- Labor/benefits
- IT support
- Dispatcher training
- Minimum coverage cost
- Power consumption
- Facility costs
- Reduced telephone costs

The following benefits have value and likely would not be achieved without a shared dispatch operating in a shared broadband network environment:

- Updated 911 Public Safety Answering Point (PSAP) equipment that is VoIP-based with upgradable software for future enhancements (note: most current PSAP equipment is at or approaching end-of-life status with the manufacturer)
- Quality of service improvements through training of dispatchers
- Dispatcher coverage balanced to needs
- Automatic Vehicle Location (AVL) to help dispatch closest appropriate vehicle
- Cross coverage of police/fire/EMS response between communities
- Balance equipment costs between communities
- Compatible Computer Aided Dispatch (CAD) equipment
- IP-based video surveillance
- Secure video arraignment via the private shared broadband network vs. over public network (ISDN-BRI)

The following benefits can be extended from the shared dispatch operation to other departments of the participants using a shared broadband network:

- AVL for the service, streets, parks & utility departments
- Surveillance at parks & community centers – schools may also benefit
- Cross coverage of services between communities

Public-Private Economic Development

By interconnecting with private sector organizations, public sector participants can create economic development partnerships.

Inherent within the planning and network design process will be an assessment of what private sector areas, particularly industrial parks, are currently underserved by broadband and where there are private sector organizations that want to benefit from high speed broadband access in the same manner as the public sector participants in this project. The following statement from Public Management Magazine emphasizes the importance of shared broadband integration to economic development planning.

“The first dimension of the e-community model is gaining an understanding for the importance that broadband technologies play in creating and maintaining a competitive edge. The first step in leveraging communication assets into competitive advantage is conducting a broad assessment of the current infrastructure. The assessment includes an evaluation of the telecommunications infrastructure, services, applications, availability, and use.”

PROBABILITY OF SUCCESS

HTEEx in its history as a telecommunications provider has implemented 114 systems and network design projects in municipal government, schools, and libraries with a total value of

over 43 million dollars. In 30 of those cases, fiber asset discovery was part of the project. See attached list for detail of these systems in Tab 5. HTEEx, in its first year as a membership organization, has already reached 40 members and established contracts with improved pricing and service levels with 16 vendor partners. The vendor partners serve as a significant resource for network asset discovery.

Sourcing Office in its history has led more than 20 collaborative projects with a wide range of public sector, not-for-profit, and private sector participants. Sourcing Office programs typically deliver savings of 10 to 30% to participants.

Past project implementation: the past successes of HTEEx in conducting 30 fiber asset discoveries, which is the cornerstone of this project, clearly indicate this project's high likelihood of success. This high likelihood of success is bolstered by Sourcing Office's demonstrated track record of leading and facilitating collaborative projects in the public sector with a wide range of participants (including villages, townships, cities, higher educational institutions, and counties).

Likelihood of anticipated savings: HTEEx implementation of 114 systems, with 30 projects including fiber asset discovery, establishes HTEEx's experience in achieving savings that average 25% to 30% for individual participants (**within**). This experience also gives credence to HTEEx's expert opinion that the savings achieved through collaboration are likely to exceed 50% for the participants once the shared broadband network is in place (**between**).

Plans for project implementation: HTEEx's project plan, which is outlined in the project description in this Tab 3 above, follows the clear formula for success that HTEEx has developed in implementing 114 projects valued at over \$43 million. This approach is proven to be successful over years of experience and the partners in this project have every confidence that this proven project implementation strategy will be effective in executing this project.

DESCRIPTIONS OF PLANS AND ABILITY TO REPLICATE OR SCALE

Summit County partnered with Sourcing Office and HTEEx to ensure that this project can and will be scaled within Summit County and replicated across the State.

Why can this Project both Scale and Replicate?

The entire approach to this project is specifically designed for both scale within Summit County and replicate in other parts of the State.

- We are implementing a repeatable, process-driven approach to working with participants individually (**within**) and with multiple participants (**between**)
- The 3-step approach (feasibility, design, and implementation) and the 4 components of the approach (technology, governance, funding, and the collaborative web community) comprise a framework that reflects the real-world issues we have encountered in past projects

- We have included a comprehensive focus on the legal, political, and governance elements of implementing a shared broadband network operated by and for the participants, as opposed to being provided by a single third party vendor
- We are following a bottom-up approach, beginning with the individual participant's current situation and developing a network design that enables them to access and take immediate advantage of the shared broadband network
- The issues facing individual public sector organizations (**within**) and the challenges of deploying and accessing a shared broadband network (**between**) are both consistent and constant across the State
- Our approach is designed to leverage existing broadband assets already deployed by the State and other public sector entities (OARnet, ESC's/ITC's, OPLIN) – each of these assets are deployed across the State
- Connectivity between participants does not require proximity – our approach is focused on connecting individual groups of participants that want to work together for some specific purpose, then connecting those groups to each other wherever they may be located within the State
- We are leveraging an existing and extendable vendor cooperative that is designed to scale statewide at a minimum (see below)

The HTEEx vendor cooperative serves as a significant asset in developing a shared broadband network and extending shared services to participants. HTEEx has established relationships with 16 solution partners currently ranging from network services to system solutions to specific software applications. The framework for this cooperative is intentionally extendable and provides an ideal resource for communities of interest seeking to source services and applications. The framework was vetted through the Sourcing Office in accordance with procurement guidelines of the Ohio Revised Code and serves as a model for procuring technology.

The planning, design, development, deployment, and on-going management of the Summit County Shared Broadband Initiative will be conducted in a manner that can be replicated in other counties in Ohio. Additionally, the vendor contracts will be negotiated in a manner that will result in greater cost savings as this initiative is replicated in other counties across the State.

[Sourcing Office's Role in Scale and Replication](#)

Sourcing Office is a council of governments, organized under Section 167 of the Ohio Revised Code (ORC). Its mission is to strengthen public sector entities (local governments, education institutions and nonprofit organizations) across Ohio's regions through group purchasing, shared service arrangements, and public sector capacity-building services.

All of Sourcing Office's programs and services are designed to scale on multiple levels: geographically, by type of public sector entity, and by size of entity. One of Sourcing Office's core competencies is developing programs that effectively aggregate demand to achieve buying power, while still having enough flexibility to meet the unique individual needs of various types and sizes of entities located across the state and often across the country. Sourcing Office will

communicate the successes of this project to its public sector participants across the State and actively seek opportunities to replicate this project.

HTEx's Role in Scale and Replication

HTEx is an Ohio-based company and is committed to deploying its capabilities throughout the State. Through its already-procured contract with Sourcing Office, HTEx has the ability to cost effectively and efficiently deliver these and other related services to virtually any public sector entity in Ohio (including local governments, educational institutions, not-for-profits, and healthcare organizations). HTEx will actively communicate the successes of this project to current and prospective members of the HTEx cooperative and seek opportunities to replicate this project.

IS THIS PROJECT IS PART OF A LARGER CONSOLIDATION EFFORT?

Sourcing Office and Hosted Technology Exchange have already introduced the county-wide shared broadband concept to the following counties: Cuyahoga, Lorain, Stark, Lucas, Wayne, Union, and Ashland. Sourcing Office and HTEx will continue to recommend conducting this type of project, with the focus on both **within** and **beyond**, in our communications efforts across the State of Ohio.

In addition, Sourcing Office and HTEx will continue efforts to partner with Educational Services Centers (ESCs) and Information Technology Centers. In our work to date, we have learned that while the capabilities of both ESCs and ITCs are very well known in the K-12 community, other types of local governments are frequently unaware of the services that ESCs and ITCs have to offer. In particular, the ITCs' established broadband networks are a critical component to scaling the shared broadband deployment statewide as they a) typically have excess capacity, and b) are installed through to school buildings that are often nearby to physical locations of other local governments, and therefore are a potential low cost broadband solution for local governments. HTEx plans to use its existing vendor cooperative framework for structuring working relationships with the ITC's to service wider communities of interest. HTEx is currently in discussion with five ITC's regarding such an approach.

IDENTIFICATION OF PAST SUCCESSES

Summit County and the collaborative partners involved this project have a long history of engaging in various types of innovations and collaborations. This experience demonstrates the ability of the participants in this grant request to work with peers and others in a collaborative fashion to implement innovative solutions that both reduce costs and improve service levels.

The following list is intended as a representative sample of innovations and collaborations successfully implemented by Summit County and other collaborative partners:

- **Summit County** and the **City of Akron** merged their building departments in 2009. The County now conducts building inspections for 25 of the 31 communities within Summit County, with the County estimating its savings as of the end of 2011 at \$1,386,343 (shared service).

- **Summit County** Executive Russ Pry led the efforts in 2009 and 2010 that merged three existing health departments/districts into a consolidated health district serving all of Summit County, which went into effect January 1, 2011 (merger).
- **Summit County** launched a regionalized health insurance plan in 2010 and opened the SCRIPTS Pharmacy. At least two communities have joined the shared plan and five public sector entities have utilized the County's employee assistance program (coproduction).
- **Summit County** has led and participated in numerous collaborations and shared services between safety forces, including reducing duplication of facilities, operating an 800 MHz radio system jointly with the **City of Akron**, and making extra bed space in the County jail available to communities across the County (efficiency and shared services).
- **Copley** and **Bath Townships** have operated a joint fire station since 1992 (shared services).
- **Copley Township** and the **City of Norton** have operated joint dispatch since 1992 and the **City of Barberton** will soon join. This operation saves Copley an estimated \$146,000 annually (shared services).
- **Copley Township** provides and manages Mobile Data Terminals in police cars for the joint dispatch operation and recently added the **City of Wadsworth** (efficiency).
- On October 28, 2010, the **Cities of Fairlawn and Norton** and the **Townships of Bath and Copley** signed an agreement relating to the FY 2009 Assistance to Firefighters Grant which was approved by the Federal Emergency Management Agency (FEMA) and the Department of Homeland Security (DHS) for regional radio equipment. This grant was awarded to Copley Township and funded approximately \$720,000 of the estimated \$800,000 radio project with the four communities. The remaining \$80,000 local share, representing approximately 10% of the grant, was funded equally by the four communities. On February 23, 2012 a new Motorola P25 radio system became operational and has upgraded radio communications for the communities and improved emergency personnel safety (efficiency).
- The **City of Hudson**, **City of Stow**, and **City of Cuyahoga Falls** are collaborating on the development of a Joint Economic Development Zone (JEDZ) to facilitate the construction of Summa Western Reserve Hospital at the interchange of State Route 8 and Seasons Road. The JEDZ provides for shared costs, including the construction of the interchanges itself and the purchase of the land for the hospital, as well as shared income tax revenues from the jobs created. The Hospital is expected to generate more than \$160 million in economic impact for Summit County and will lead to the support of over 1,200 jobs, directly and indirectly. The projected economic impact of the entire Seasons Road interchange area is expected to contribute a \$1.2 billion economic impact when fully developed, supporting approximately 10,000 jobs (coproduction).
- In 2008, the **City of Hudson** and **Village of Boston Heights** agreed to a memorandum of understanding (MOU) regarding the area bordered by State Route 8 to the west, Interstate 80 (Ohio Turnpike) to the north, State Route 303 to the south, and Hudson's District 6 to the east. The purpose of the MOU was to study and plan for the development and redevelopment of this area which would benefit the City, Village, and Hudson Schools (all of the land is in the Hudson School District) through increased

commercial business providing property and income tax support. The City and Village pledged to work cooperatively toward an efficient, sustainable form of smart governance over this area including, but not limited to, the possibility of a Joint Economic Development District (JEDD) or Joint Economic Development Zone (JEDZ) (coproduction).

- The ***Village of Mogadore*** has entered into agreements of cooperation with the ***County of Summit*** for Community Development Block Grants to help finance various capital projects throughout the community, e.g., Senior Community Center ADA compliant upgrades, Downtown Streetscape programs, and ADA compliant curb ramp projects (coproduction).
- The ***City of Tallmadge*** has collaborated with the ***City of Stow*** and ***Mogadore Village*** to operate a Joint Dispatch Center. This project began in May of 2008 and has been extremely successful (shared service).
- The ***City of Tallmadge*** in July of 2003 collaborated with ***Brimfield Township*** by creating the Brimfield / Tallmadge Joint Economic Development District in the Brimfield Township. Both communities provide services to the JEDD to help create economic development in the Township. As a result of this effort, the JEDD is allowed to collect income taxes from participating businesses. The income tax is then allocated to each community (coproduction).
- The ***City of Twinsburg*** is involved in several multi-jurisdictional agreements for collaboration on provision of services for various services. Twinsburg provides wastewater treatment for sections of ***Reminderville*** and ***Twinsburg Township***. Twinsburg is currently involved in a collaboration effort related to creation of a Regional Dispatch Center that would jointly serve the police departments of the ***City of Twinsburg, Reminderville, Macedonia, Boston Heights, and Hudson*** (shared services).
- The ***University of Akron*** and ***Lorain County Community College*** are engaged in creating a unique administrative shared services proof-of-concept in Northeast Ohio. The vision for shared services is to create a stand-alone, neutral Services Center that provides many of the administrative services required by colleges and universities. Once operational, this Services Center will eliminate the need to have the administrative service units duplicated on every campus. This Center will provide technology **and** administrative services (shared services and coproduction).
 - Providing these required services centrally will eliminate the need for each institution to operate many of their own administrative services units, significantly reducing administrative costs.
 - The literature indicates sharing only technology typically saves 5-10% of IT costs
 - The literature also indicates and leadership's experience in industry supports the sharing of administrative services typically saves organizations 20-40% of administrative costs.

Sourcing Office provides a range of already-procured group purchasing contracts, shared services, and assistance in public sector innovation and collaboration to the more than 400 public sector entities (including cities, villages, townships, counties, special districts, public K-12

schools, and public colleges and universities) in 55 Ohio counties that are currently Sourcing Office participants. Through these efforts, Sourcing Office provides many of the back office functions associated with implementing procurement processes, managing supplier contracts, reporting, etc. (shared services and efficiency). Additionally, the Sourcing Office legal structure can be leveraged by groups of collaborators as the legal and governance structure for potential collaborations. Sourcing Office has and continues to build a network of subject matter experts who participate with Sourcing Office in strategic consultative projects to help advance group purchasing, shared services, and public sector capacity building for current and prospective Sourcing Office participants.

In addition, Sourcing Office partners with a wide range of groups/associations to make Sourcing Office's existing programs available to the members of those groups and organizations. Examples include the **Ohio Library Council** (serving approximately 240 library systems in the State of Ohio), the **Ohio Schools Council** (serving more than 150 K-12 school districts across Ohio), the **Council of Smaller Enterprises** (serving 15,000+ small businesses in nine counties of Northeast Ohio), **United Way of Summit County** (funding more than 40 not-for-profit agencies), and many others. Sourcing Office manages these partnerships as a shared service to provide more value to the members of each association (shared services and coproduction).

Hosted Technology Exchange (HTEx) was launched in January, 2011 as an expansive program to drive technology costs down, increase productivity, and facilitate collaboration. In the first year of its program, HTEx gained over 40 members including 10 in Summit County. Over 60% of HTEx members are governments or schools. HTEx has provided cost optimization services to over 50% of its members with an average savings of 25-35%. HTEx has project managed or will be project managing at least 10 new telecommunications systems. Finally, HTEx is currently conducting two shared dispatch feasibility projects on behalf of its members.

HTEx, through its predecessor company **Telisys**, partnered with the **Ohio Schools Council** to offer a shared service of reducing telecommunications costs while improving functionality. Through that partnership, Telisys completed projects with more than 100 school districts on behalf of the Ohio Schools Council. Telisys also managed the collaborative design and procurement process for a new voice over IP telecommunications system for the **City of Pepper Pike**, the **City of Middleburg Heights**, and the **West Geauga Local Schools**. This joint project (**between**) generated an additional 22% savings than the three entities could have achieved acting independently (**within**).

Beginning in 2001, Telisys initiated several collaboration projects, which proved very beneficial to the public sector participants. The first project was with the **Painesville City Schools** and the **City of Painesville**. The second included the **City of Kent** and the **Kent City Schools**. These joint projects achieved an additional 10% to 20% savings (**between**) over what the individual participants achieved on their own (**within**). As a result of these successes, Telisys conducted additional collaboration projects, including with **Northmont City Schools** and **Vandalia Butler City Schools** in the Dayton area.

DESCRIPTION OF RESPONSIVENESS TO CHANGING ECONOMICS FOR GOVERNMENT SERVICES

This project directly responds to the changing economic environment and demand for local and regional government services. Local governments have faced and will continue to face the specter of increased demand for services in conjunction with flat or declining revenue streams. In that light, local governments need to implement approaches that enable them to provide the same or better services at a lower cost.

As outlined in the problem statement earlier in this Tab 3, two fundamental requirements for local governments to share back office operations and certain types of front-line services (e.g., joint dispatch) is that the governments are a) capable **within** their organization of fully accessing and leveraging a shared broadband network, and b) have a shared broadband network which they can access cost effectively (**between**).

When these two requirements are met, local governments immediately have a wide range of choices related to lowering costs and improving efficiency through the implementation of collaborations, shared services, and the utilization of 21st century technology tools that can be paid for through ongoing operating costs, rather than as up-front capital expenses.

Shared Telecommunications Example: a city, a school district, and a county have established a strong working relationship. The county has a top-of-the-line telecommunications system that includes unified communications capabilities. The city and the school district have 20+ year old phone systems that are end of life and need to be replaced. Without a) an internal network and equipment that is capable of leveraging the top-of-the-line telecommunications system, and b) external connectivity through a broadband network to the county, both the city and the school district would each have to purchase their own separate phone systems, the software (which they will install and operate on-site) to run those phone systems, and long term service and maintenance agreements. In all, both would face significant out-of-pocket capital expenses and each pay 100% of the ongoing operating costs to run their new, separate telecommunications systems.

The two entities would develop and conduct their own requests for proposal, select their own vendors, purchase their own systems, and separately incur significant capital and ongoing operating costs. The county would continue to pay 100% of the costs for its telecommunications system. And, the three entities would not have interoperable telecommunications systems that could be utilized to coordinate activities, share software and services, etc.

However, if all three entities are internally capable of deploying the existing top-of-the-line telecommunications system (**within**) and are able to connect to each other through a shared broadband network (**between**), then the city and the school district could simply purchase the same telephone equipment that the county utilizes, pay the county to purchase more licenses on its server, and pay the county an agreed upon amount for the county to host the software

necessary to run the systems, thereby enabling the city and the school district to utilize the county's existing software to run their new telecommunication equipment. In addition, the jointly deployed telecommunications system could be designed and integrated to enable the three entities to work more closely and efficiently together.

Software-as-a-Service (SaaS) Example: many local governments today purchase software for full price (a capital cost), install the software on-site, pay the Information Technology staff to manage the software, and pay the software provider ongoing service and maintenance fees. If something goes wrong with the software or the government does not have the funds to pay the out-of-pocket costs for an upgrade when a new version is released, the staff may not be able to utilize the software, may face various interruptions, and the organization will likely be responsible for the cost to fix the problem.

The alternative is to utilize hosted software (SaaS) applications that are provided to customers as a service, much like a utility. Customers pay a defined monthly fee to access the software through the Internet. The vendor is responsible for maintaining and upgrading the software, fixing problems if they occur, and ensuring that established service levels and up-time requirements are met. The vendor is also responsible for purchasing and maintaining the servers that host the software. Customers have no associated up-front capital costs and have effectively outsourced the risk of downtime, failure, off-site disaster recovery, etc.

In effect, SaaS is a shared service model for software. However, for local governments to be able to utilize this business model, they need to a) be capable within their organization of fully accessing and leveraging a shared broadband network (**within**), and b) have a shared broadband network which they can access cost effectively (**between**).

Summary: establishing the internal capabilities for local governments to leverage a shared broadband network and, by extension, shared applications and hosted applications, and also ensuring that the local governments have access to a low cost, shared broadband network are critical to enabling local governments to reduce costs, improve efficiencies, and enhance service levels.

HTEEx has conducted more than 100 projects for public sector entities, and 75% of the projects have identified sufficient cost savings to pay for any internal systems and networks upgrades required to ensure that the local governments are broadband-ready. HTEEx has also conducted approximately 30 projects that incorporated fiber mapping to ensure that the end client achieves the lowest possible cost of broadband access. In many cases, HTEEx is able to structure contracts on behalf its members in which the costs are operating expense based (SaaS) instead of capital based.

This project is the stepping stone that addresses the internal and external requirements necessary to enable local governments to leverage technology to respond to the substantial changes in economic demand for local and regional government services.

IMPLEMENTATION OF RECOMMENDATIONS OF A PERFORMANCE AUDIT

Not applicable. This project and associated grant application are not the result of the recommendations of any performance or other audit.

HOW PROJECT FACILITATES AN IMPROVED BUSINESS ENVIRONMENT AND/OR COMMUNITY ATTRACTION

In the same way that local governments benefit from accessing high speed, affordable broadband networks, so too do businesses. Businesses today are often dependent on high speed data networks to operate, whether connecting with other company facilities, working with customers or suppliers, or leveraging hosted applications and other vendor capabilities.

Businesses choosing locations take broadband access and cost into consideration as a site selection factor. By the same token, many businesses that moved into locations before the advent of broadband networks whose leases are expiring consider broadband access and cost when determining whether to stay in their current location or move.

A key element of this project is to map existing broadband assets and identify which assets are most accessible to individual industrial parks and business parks within the boundaries of the collaborative partners and foreign trade zones in Summit County. With this knowledge in hand, Summit County and the collaborative partners will be in position to evaluate the cost/benefit of investing to connect those commercial locations to the shared broadband network.

Establishing those broadband connections to foreign trade zones and industrial/business parks that do not already have broadband access will better position the collaborative partners to retain and attract businesses going forward.

Below is a representative list of the industrial and business parks located within the geographic boundaries of several collaborative partners. For the most part, these parks do not have broadband access today and tenants have limited high speed accessibility options:

- Copley Commerce Center (Copley)
- Copley Corporate Park (Copley)
- Fairlawn Corporate Park (Fairlawn)
- Embassy Parkway (Fairlawn)
- Hudson Crossing (Hudson)
- Hudson Industrial Park (Hudson)
- Hudson South Commercial Park (Hudson)
- Seasons Greene Eco-Industrial Park (under construction) (Hudson)
- Mogadore Industrial Park (Mogadore)
- Portage Boulevard Industrial Park (Tallmadge)
- InSite Industrial Development (Tallmadge)
- West Avenue/Osceola Avenue Industrial Development (Tallmadge)

- Twinsburg has underserved areas that have no broadband access or limited access. Some of those include the Ravenna Road industrial condominiums east of SR 91, and portions of Dutton Drive. The new Cornerstone Business Park (former Chrysler Stamping Plant property) will be the site of a 164-acre new industrial park which would benefit from extension of broadband throughout the site.

The table below lists the foreign trade zones within Summit County:

	Location	Area Available
Industrial Parks		
CAK International Business Park	Green	21.85 acres
Hudson Crossing Business Park	Hudson	55 acres
Stow Commerce Center	Stow	56 acres
Hudson Drive Business Campus	Stow	106 acres
Freeway Drive Industrial Park	Macedonia	35 acres
Public Warehouse Sites		
ASW Supply Chain Service, LLC	Mogadore	350,000 sq. ft.
Terminal Warehouse, Inc.	Springfield Township	500,000 sq. ft.

Any business or industrial parks as well as the foreign trade zones will be included in the mapping process to determine what the available broadband access options are for each location as part of this project.

The specific financial impact of providing cost effective shared broadband connectivity to commercial enterprises is difficult to calculate. We anticipate the following:

- Retention of existing tax base that would otherwise be lost due to relocation
- Growth of tax base through attraction that would not have otherwise occurred
- Provision of direct savings and increased capabilities to businesses, freeing up capital for additional investment and job growth

Net net, we expect there will be direct and positive economic impact, which will vary from one participant to the next based on a variety of factors that are outside the scope of this project.

TAB 4: FINANCIAL DOCUMENTATION

KEY PROJECT FINANCIAL HIGHLIGHTS

Total project budget:		<u>\$ 378,927</u>
LGIF grant request amount:		<u>\$ 100,000</u>
Cash match from participants already invested:	\$ 257,427	
Additional participant cash match committed:	<u>\$ 21,500</u>	
Total project participant cash match investment:		<u>\$ 278,927</u>
Participant cash match investment % of total budget:		<u>73.61%</u>
Participants' total estimated current IT and telecommunications cost:		<u>\$ 5,445,587</u>
Actual and estimated Phase I participant savings:	\$1,438,916	
Estimated Phase II participant savings:	<u>\$ 584,683</u>	
Total Phase I and Phase II estimated participant savings:		<u>\$ 2,023,599</u>
Phase I and Phase II participant savings as a percentage of current costs:		<u>37.16%</u>
Projected project Return on Investment - calculated as project savings (\$2,023,599) divided by project budget (\$378,927):		<u>534%</u>
Additional estimated savings if scaled in Summit County:	<u>\$2,510,313</u>	
Estimated total current IT and telecommunications cost in Summit County:		<u>\$12,370,587</u>
Estimated total potential savings for Summit County public sector entities:		<u>\$ 4,533,912</u>
As a percentage:		<u>36.65%</u>

PROJECT BUDGET

Summit County and the collaborative partners are requesting a \$100,000 grant from the Local Government Innovation Fund. The total project budget is \$378,927. Cash match investments already made by the participants in the last 18 months total \$257,427 and another \$21,500 in cash match investments has been committed. In total, the participants will provide a cash match investment of 73.61% of the project costs.

The following table provides a summary of the sources and uses of the \$378,927 project budget for this Local Government Innovation Fund grant application:

Summit County Shared Broadband Initiative LGIF Project Budget

SOURCES OF FUNDS

Akron General*	\$ 102,925
Bath Township	\$ -
City of Fairlawn*	\$ 4,315
City of Hudson*	\$ 26,214
City of Stow*	\$ 12,125
City of Tallmadge*	\$ 18,788
City of Twinsburg**	\$ 1,500
Copley Township*	\$ 2,025
State of Ohio LGIF	\$ 100,000
Summit County**	\$ 20,000
University of Akron*	\$ 91,035
Village of Mogadore	\$ -
TOTAL SOURCES OF FUNDS	\$ 378,927

USES OF FUNDS

Akron General - Phase I	\$ 102,925
City of Fairlawn - Phase I	\$ 4,315
City of Hudson - Phase I	\$ 26,214
City of Stow - Phase I	\$ 12,125
City of Tallmadge - Phase I	\$ 18,788
City of Twinsburg - Phase I	\$ 1,500
Copley Township	\$ 2,025
University of Akron - Phase I	\$ 91,035
Gather Baseline Information	\$ 9,500
Research Fiber Assets	\$ 38,000
Contract Review and Opportunity Analysis	\$ 14,250
Vendor Research, Contract Negotiation, and Network Design	\$ 14,250
Project Cost Savings	\$ 9,500
Develop Participant LAN and Network Recommendations	\$ 9,500
Review Legal and Governance Issues	\$ 15,000
Project Management and Grant Administration	\$ 10,000
TOTAL USES OF FUNDS	\$ 378,927

* Participant cash match investments already made within the last 18 months for Phase I work in progress or already completed.

** Participant cash match investments pending.

PROJECT FINANCIAL HISTORY AND FINANCIAL PROJECTIONS

Sourcing Office contacted Ohio Department of Development staff on February 28, 2012 and requested guidance for how to present the financial information requested by the Local Government Innovation Fund for this project. The staff directed Sourcing Office to present before and after costs for Information Technology and telecommunications expenses for both Phase I (the internal organizational assessments) and Phase II (the shared IT and telecommunications network) elements of the project.

Phase I: Organizational Assessment (History)

For each collaborative partner, the following table shows:

- The total annual IT and telecommunications costs before the internal organizational assessment and implementation of recommendations
- The reduced costs after the implementation of the Phase I recommendations
- The annual savings generated by implementing the Phase I recommendations

Phase I: Organizational Savings (Within)

	Original Costs Pre-Phase I	Post-Phase I Costs	Savings	% Savings
Akron General*	\$ 1,108,083	\$ 741,622	\$ 366,461	33.07%
Bath Township**	\$ 97,000	\$ 77,600	\$ 19,400	20.00%
City of Fairlawn*	\$ 98,313	\$ 86,263	\$ 12,050	12.26%
City of Hudson*	\$ 191,576	\$ 112,058	\$ 79,518	41.51%
City of Stow*	\$ 202,488	\$ 188,766	\$ 13,722	6.78%
City of Tallmadge*	\$ 187,081	\$ 136,814	\$ 50,267	26.87%
City of Twinsburg**	\$ 190,000	\$ 152,000	\$ 38,000	20.00%
Copley Township*	\$ 78,683	\$ 72,635	\$ 6,048	7.69%
Summit County**	\$ 1,500,000	\$ 1,200,000	\$ 300,000	20.00%
University of Akron*	\$ 1,764,363	\$ 1,216,513	\$ 547,850	31.05%
Village of Mogadore**	\$ 28,000	\$ 22,400	\$ 5,600	20.00%
TOTALS	\$ 5,445,587	\$ 4,006,671	\$ 1,438,916	26.42%

* Actual costs and savings achieved from completed assessments.

** Projected costs and savings that will be achieved from assessments not yet completed.

The annual savings of \$1,075,916 vs. original annual costs of \$3,630,587 for Phase I projects that have been completed* equals an average annual savings of 29.63% for each participant.

HTEEx conservatively estimated a lower 20% savings level for the four collaborative partners that have not yet completed the Phase I assessment and implementation of findings, yielding an

additional savings of \$363,000. Overall, Phase I savings for the participants are estimated at \$1,438,916 vs. original costs of \$5,445,587 or 26.42%.

The types of expenses incorporated in the original and post-Phase I costs include the following:

- All local services (i.e., lines and circuits from local telephone companies)
- All long distance services
- All Wide Area Network (WAN) services (i.e., data circuits between sites)
- All cellular and paging services
- All Internet/email services.
- All teleconferencing services.
- All telephone equipment service charges.
- All telecommunication expense records for home office users.

Phase 2: Inter-Connectivity Assessment (Projections)

One purpose of Phase II of this project, which is the subject of this grant request, is to determine the additional savings that are available to the participating entities through the deployment of a shared network infrastructure leveraging a private broadband network serving the participants. The cost savings listed below are estimates of the savings that will be generated for each participant and will be verified as part of the project.

Phase II: Inter-Connectivity Savings (Between)

	Post-Phase I Costs	Post-Phase II Costs	Expected Savings	Savings %
Akron General	\$ 741,622	\$ 652,627	\$ 88,995	12.00%
Bath Township	\$ 77,600	\$ 62,080	\$ 15,520	20.00%
City of Fairlawn	\$ 86,263	\$ 69,010	\$ 17,253	20.00%
City of Hudson	\$ 112,058	\$ 89,646	\$ 22,412	20.00%
City of Stow	\$ 188,766	\$ 151,013	\$ 37,753	20.00%
City of Tallmadge	\$ 136,814	\$ 109,451	\$ 27,363	20.00%
City of Twinsburg	\$ 152,000	\$ 121,600	\$ 30,400	20.00%
Copley Township	\$ 72,635	\$ 58,108	\$ 14,527	20.00%
Summit County	\$ 1,200,000	\$ 1,020,000	\$ 180,000	15.00%
University of Akron	\$ 1,216,513	\$ 1,070,531	\$ 145,982	12.00%
Village of Mogadore	\$ 22,400	\$ 17,920	\$ 4,480	20.00%
TOTALS	\$ 4,006,671	\$ 3,421,988	\$ 584,683	14.59%

For each collaborative partner, the table above shows:

- The total annual IT and telecommunications costs following the implementation of recommendations from the Phase I Organizational Assessment

- The reduced annual IT and telecommunications costs following the implementation of the shared broadband network in Phase II
- The annual savings anticipated from implementing the shared broadband network

Additional savings (beyond Phase I) of \$584,683 versus spend of \$4,006,671 or 14.59% are anticipated.

Total Estimated Savings from Phase I and Phase II

The total estimated savings available to the entities participating in this project is \$2,023,599, versus original spend of \$5,445,587 or savings of 37.16%. The project cost is \$378,927, of which \$278,927 have been or are being provided as cash match investments. The estimated return on investment for this project (\$2,203,599 / \$378,927) is 534%.

Please note that these figures do not take into account any costs or savings generated by participants utilizing the share broadband network and their ability to connect to it to deploy any number of potential collaborations (e.g., shared dispatch, shared telecommunications, shared finance functions, shared human resources functions, etc.). There are too many unknown variables associated with each potential shared service and collaboration opportunities (such as the number of participants, their total current costs, the design of the shared service or collaboration, etc.) to accurately project the savings that can be achieved as a result of a specific shared service that is implemented leveraging the shared broadband network.

Scaling Phase I and Phase II Across all Public Sector Entities in Summit County

There are approximately 72 public sector entities (including other cities, villages, and townships, as well as public schools and library facilities) within Summit County that are not currently participating in this project. For purposes of approximating the achievable savings should this project be scaled across Summit County, HTEEx estimated the total annual IT and telecommunications spend for each of these 72 entities, the average annual savings achieved through implementing Phase I across these 72 entities, and the average annual savings achieved through implementing Phase II as well.

Scaling Across Summit-County: Combined Phase I and Phase II Savings (Estimated)

	Original Costs	Post-Phase I Costs	Phase I Savings	Phase I % Savings	Post-Phase II Costs	Phase II Savings	Phase II % Savings	Total Savings	Total Savings %
City of Akron	\$ 800,000	\$ 600,000	\$ 200,000	25.00%	\$ 510,000	\$ 90,000	15.00%	\$ 290,000	36.25%
Cities (non-participants)	\$ 1,260,000	\$ 945,000	\$ 315,000	25.00%	\$ 803,250	\$ 141,750	15.00%	\$ 456,750	36.25%
Villages (non-participants)	\$ 200,000	\$ 150,000	\$ 50,000	25.00%	\$ 127,500	\$ 22,500	15.00%	\$ 72,500	36.25%
Townships (non-participating)	\$ 525,000	\$ 393,750	\$ 131,250	25.00%	\$ 334,688	\$ 59,063	15.00%	\$ 190,313	36.25%
Akron Public Schools	\$ 750,000	\$ 562,500	\$ 187,500	25.00%	\$ 478,125	\$ 84,375	15.00%	\$ 271,875	36.25%
Other School Districts	\$ 1,890,000	\$ 1,417,500	\$ 472,500	25.00%	\$ 1,204,875	\$ 212,625	15.00%	\$ 685,125	36.25%
Akron-Summit County Library	\$ 200,000	\$ 150,000	\$ 50,000	25.00%	\$ 127,500	\$ 22,500	15.00%	\$ 72,500	36.25%
Other Library Branches	\$ 1,300,000	\$ 975,000	\$ 325,000	25.00%	\$ 828,750	\$ 146,250	15.00%	\$ 471,250	36.25%
TOTALS	\$ 6,925,000	\$ 5,193,750	\$ 1,731,250	25.00%	\$ 4,414,688	\$ 779,063	15.00%	\$ 2,510,313	36.25%

HTEEx estimates that scaling Phase I and Phase II of this project across the remaining 72 public sector entities in Summit County would generate an additional \$2,510,313 in savings.

The total available savings for all public sector entities in Summit County (including those participating in the project as collaborative partners and the remaining 72 entities) is estimated at \$4,533,912 versus original costs of \$12,370,587 or savings of 36.65%.

TAB 5: SUPPORTING DOCUMENTATION

FEASIBILITY STUDY DETERMINATION FROM ODOD

Not applicable.

EXECUTED PARTNERSHIP AGREEMENTS

The County of Summit developed a partnership agreement that has been executed by the County and all collaborative partners participating in this project and grant application. The complete partnership agreement signed by County Executive Russell M. Pry is included, along with executed signature pages from the following entities:

- Akron General Health System
- Bath Township
- City of Fairlawn
- City of Hudson
- City of Stow
- City of Tallmadge
- City of Twinsburg
- Copley Township
- Sourcing Office
- Village of Mogadore
- Hosted Technology Exchange, LLC

The University of Akron and County of Summit agreed to a slight modification to the agreement to ensure that the agreement complied with specific requirements for the University of Akron. That complete modified agreement, executed by the University of Akron, is included in its entirety.

RESOLUTIONS OF SUPPORT

Each of the political subdivisions that are collaborative partners participating in this project and grant application adopted resolutions of support. Each resolution of support is included in this Tab 5. Resolutions of support were adopted by the following entities:

- Summit County
- Bath Township
- City of Fairlawn
- City of Hudson
- City of Stow
- City of Tallmadge
- City of Twinsburg
- Copley Township
- Sourcing Office

- Village of Mogadore

Sourcing Office contacted Department of Development staff on February 28, 2012 to confirm whether resolutions were required from Akron General Health System (a not-for-profit organization), the University of Akron (a 4-year public university), or Hosted Technology Exchange, LLC (an Ohio limited liability company). ODO staff confirmed that resolutions of support were not required from these organizations and that executed partnership agreements would suffice given the fact that these three collaborative partners are not political subdivisions.

AUDIT CONDUCTED WITHIN THE PAST FIVE YEARS

Not applicable.

DOCUMENTATION FROM THE US CENSUS

A table showing the 2010 population, the 2000 population, and the percentage difference (all sourced from the U.S. Census Bureau) for County of Summit and the participating municipalities is included below:

Entity	2010 Census Population	2000 Census Population	% change 2000 to 2010
Bath Township	9,702	9,635	0.7%
Copley Township	17,304	13,641	26.9%
City of Fairlawn	7,437	7,307	1.8%
City of Hudson	22,262	22,439	-0.8%
City of Stow	34,837	32,139	8.4%
City of Tallmadge	17,537	16,390	7.0%
City of Twinsburg	18,795	17,006	10.5%
Summit County	541,781	542,899	-0.2%
Village of Mogadore	2,846	2,951	-3.6%

Akron General Health System serves a total of 1,365,638 residents in Summit (population 541,781), Medina (population 172,232), Portage (population 161,419), Stark (375,586), and Wayne (population 114,520) counties (population source: U.S. Census Bureau).

Sourcing Office serves public sector entities throughout the State of Ohio. The State of Ohio's population in 2010 was 11,536,504 (population source: U.S. Census Bureau).

The University of Akron serves students from all over the world. The University's total enrollment in the fall of 2011 was 29,699 students (source: University of Akron).

SUMMIT COUNTY SHARED BROADBAND INITIATIVE SELF-SCORE ASSESSMENT

The completed self-score assessment is attached in this Tab 5. The project self-score is **75 Base Points**. Six of the collaborative partners are municipalities with populations under the 20,000 resident threshold.

Please note: the Phase I and Phase II savings achieved from the readiness work and design and implementation of a shared broadband network for the participants is 37.16%, which falls into the 25.01% to 74.99% range. As such, the self-score is 20 points. However, it should be noted that the whole point of the shared broadband initiative is to enable an environment in which shared services will flourish. Such an environment will certainly generate significantly greater savings in whole dollars which are not reflected in this grant application for the reasons described on page 38 in Tab 3.

LIST OF PUBLIC SECTOR PROJECTS COMPLETED BY HOSTED TECHNOLOGY EXCHANGE, LLC

In the Probability of Success section of Tab 3, this application references a list of 114 projects that HTEEx and/or its predecessor company Telisys has completed with public sector entities, as well as 30 projects specifically that involved broadband discovery; the 30 fiber discovery projects are highlighted in yellow. The total list of 114 projects is included here in Tab 5 and begins with the section labeled “Government.”

REFERENCED ATTACHMENTS

The referenced attachments in this Tab 5 are provided in the following pages. Specifically:

- Executed partnership agreements and signature pages
- Resolutions of support
- Summit County Shared Broadband Initiative self-score assessment
- List of public sector projects completed by Hosted Technology Exchange, LLC and/or its predecessor company Telisys

Tab 5: Supporting Documentation

Executed Partnership Agreements

The County of Summit developed a partnership agreement that has been executed by the County and all collaborative partners participating in this project and grant application. The complete partnership agreement signed by County Executive Russell M. Pry is included, along with executed signature pages from the following entities:

- Akron General Health System
- Bath Township
- City of Fairlawn
- City of Hudson
- City of Stow
- City of Tallmadge
- City of Twinsburg
- Copley Township
- Sourcing Office
- Village of Mogadore
- Hosted Technology Exchange, LLC

The University of Akron and County of Summit agreed to a slight modification to the agreement to ensure that the agreement complied with specific requirements for the University of Akron. That complete modified agreement, executed by the University of Akron, is included in its entirety.

Partnership Agreement

between
The County of Summit, Ohio
and
Participating Public Entities
for the Summit County Broadband Initiative

This Partnership Agreement (the "Agreement") is made as of the date of the signature of the County Executive between the County of Summit, Ohio (the "County"), an Ohio county with its principal place of business located at 175 S. Main Street, Akron, Ohio 44308, by its Executive, and all of the other participating public entities that are identified and that execute this agreement on the signature page ("Participating Public Entities").

WHEREAS, the State of Ohio has established the Local Government Innovation Fund ("LGIF") to provide financial assistance to Ohio political subdivisions for planning and implementing projects that are projected to create more efficient and effective service delivery within a specific discipline of government services for one or more entities; and

WHEREAS, the County and the Participating Public Entities wish collaborate to apply for funding sources for, and perform a feasibility study concerning, a shared broadband infrastructure that would support future consolidations of, and collaborations concerning, government functions performed by the parties to this Agreement; and

WHEREAS, a shared broadband infrastructure will reduce costs, improve productivity and most importantly, set the stage for collaboration and shared services among the parties; and

WHEREAS, the parties intend to submit a request through the LGIF for a \$100,000.00 grant for the Project; and

WHEREAS, it is necessary to execute this Agreement to define the duties and responsibilities of the parties concerning the submission of the grant request and the Project;

Now, therefore, in consideration of the mutual promises and covenants hereinafter set forth, the parties hereby agree as follows:

1. Duties and Relationship of the County and Participating Public Entities. The County and the Participating Public Entities agree to mutually collaborate and assist each other in submitting a grant request for \$100,000.00 in LGIF funds for the March 1, 2012 application deadline or such future deadlines as mutually agreed by the parties. The County shall serve as the lead applicant for the grant agreement with all Participating Public Entities as supporting applicants.

The parties shall retain the services of The Sourcing Office, an Ohio Council of Governments formed under Chapter 167 of the Ohio Revised Code, and Hosted Technology Exchange, LLC, an Ohio limited liability company whose services were procured by The Sourcing Office, to write and submit the LGIF grant application on behalf of the parties. The cost of said services shall be \$7,500.00, which shall be borne equally by the parties to this

Agreement. The Sourcing Office and/or Hosted Technology Exchange, LLC shall invoice each party individually for its share and each party shall pay The Sourcing Office and/or Hosted Technology Exchange, LLC directly. By signing below, The Sourcing Office and/or Hosted Technology Exchange, LLC agree to the terms of this Section.

The parties mutually agree that, in the event that grant funds are awarded, the County shall act as the fiscal agent for such funds and shall receive and distribute any grant funds on behalf of the parties.

The parties acknowledge that the LGIF guidelines require a local match of 10% of the grant funds received, which includes any combination of monetary or in-kind, public or private, local funds. During the grant writing process, the parties will identify the source and amount of the local match and each agrees to contribute the same.

Upon the award of an LGIF grant, the parties agree to retain the services of The Sourcing Office and Hosted Technology Exchange, LLC to perform the feasibility study that will be identified and outlined in the grant, provided that the parties receive and approve an acceptable agreement and scope of work to perform the same. Otherwise, the parties may contract the services of another vendor to perform the feasibility study, as mutually agreed to by the parties.

2. Term and Termination. The term of this partnership agreement shall be from the date of signature of the County Executive through the conclusion of the Project.

3. Reports and Records. The parties shall maintain and provide to any party upon demand the following records and reports:

a. Accounting and fiscal records adequate to enable the party or the State of Ohio or any duly-appointed law enforcement agency to audit and otherwise verify that funds provided by the LGIF for the Project are used for the purpose stated in this Project.

b. Other records and reports as required by a party to enable the party to comply with local, State of Ohio and federal statutes and regulations.

c. All records pertaining to this project shall be retained and made available for a minimum of three (3) years after the conclusion of the Project.

7. Amendment or Modification. This Agreement may be amended or modified by the parties provided that any such amendment or modification makes specific reference to this Agreement, is executed in writing and signed by a duly authorized representative of each party.

8. Integration. This Agreement represents the entire and integrated agreement between the parties. This Agreement supersedes all prior and contemporaneous communications, representations, understandings, agreements or contracts, whether oral or written, relating to the subject matter of this Agreement.

9. Capacity to Execute. Each party hereby certifies that all actions necessary to execute this Agreement were taken and that the person executing this Agreement is authorized to do so and has the power to bind their respective party to the terms and conditions contained herein.

10. Compliance with Applicable Laws. Each party agrees to comply with all applicable federal, state and local laws, orders, rules and regulations in its performance under this Agreement.

11. Waiver. The remedies contained in this Agreement will be cumulative, and additional to any remedies provided in law or equity. No waiver of a breach of any provision of this Agreement will constitute a waiver of any other provisions.

12. Relationship of Parties. The parties agree that at no time shall the relationship between the parties under this Agreement be construed, held out or considered a joint venture or principal-agent.

13. Governing Law/Forum. This Agreement shall be governed by and construed in accordance with the laws of the State of Ohio, without giving effect to the principles thereof relating to conflicts of choice of laws. Any litigation arising under this Agreement must be litigated in the County of Summit municipal courts, the County of Summit Court of Common Pleas or other Ohio court of competent jurisdiction, and each party submits itself to the jurisdiction and venue of those courts.

14. Assignment. No party may assign rights or delegate any obligations created by this Agreement without the prior written consent of the other parties. Any assignment in violation of this Agreement is void. This Agreement shall be binding upon the heirs, successors, legal representatives and permitted assigns of the parties.

15. Force Majeure. No party shall be considered in default in the performance of any obligation hereunder, except the obligation to make payment, to the extent that the performance of such obligation is prevented or delayed by fire, flood, explosion, strike, war, insurrection, embargo, government requirement, civil or military authority, act of God, or any other event, occurrence or condition which is not caused, in whole or in part, by that party, and which is beyond the reasonable control of that party. The parties shall take all reasonable action to minimize the effects of any such event, occurrence or condition.

16. Severability. If any provision of this Agreement is found invalid or unenforceable by an arbitration panel or a court of competent jurisdiction, the remainder of this Memorandum of Understanding shall continue in full force and effect.

17. Reservation of Rights. A delay or failure in enforcing any right or remedy afforded hereunder or by law shall not prejudice or operate to waive that right or remedy or any other right or remedy, including any remedy for a future breach of this Agreement, whether of a like or different character.

18. Review by Legal Counsel. Each party has had the opportunity to review this Agreement with the assistance of legal counsel. Accordingly, the rule of construction that any ambiguity in this Agreement is to be construed against the drafting party is not applicable.

19. Notices. Every notice and demand required under the terms of this Agreement must be in writing and must be sent by regular mail to the addresses of the other parties. All notices are

effective upon receipt. A party may change its address by giving written notice to the other parties in accordance with this Section.

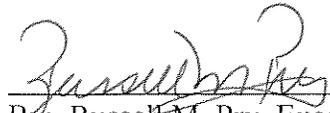
30. Execution in Counterparts. This Agreement may be executed in counterparts by the parties, and shall be effective on the latest date a counterpart is executed by a party.

(End of text. Execution on following page.)

Intending to be legally bound, the parties have entered into this Partnership Agreement for the Summit County Broadband Initiative as of the date of the County Executive's signature below.

COUNTY OF SUMMIT, OHIO

PARTICIPATING PUBLIC ENTITY


By: Russell M. Pry, Executive
Date: 2/27/12

By:
Title:
Participant:
Date: _____

APPROVED AS TO FORM:

PARTICIPATING PUBLIC ENTITY


Deborah S. Matz, Director
Department of Law, Insurance
and Risk Management
Date: 2/27/12

By:
Title:
Participant:
Date: _____

PARTICIPATING PUBLIC ENTITY

PARTICIPATING PUBLIC ENTITY

By:
Title:
Participant:
Date: _____

By:
Title:
Participant:
Date: _____

PARTICIPATING PUBLIC ENTITY

PARTICIPATING PUBLIC ENTITY

By:
Title:
Participant:
Date: _____

By:
Title:
Participant:
Date: _____

Intending to be legally bound, the parties have entered into this Partnership Agreement for the Summit County Broadband Initiative as of the date of the County Executive's signature below.

COUNTY OF SUMMIT, OHIO

PARTICIPATING PUBLIC ENTITY

By: Russell M. Pry, Executive

Date: _____

APPROVED AS TO FORM:

By: _____

Title: _____

Participant: _____

Date: _____

Deborah S. Matz, Director
Department of Law, Insurance
and Risk Management

Date: _____

By: _____

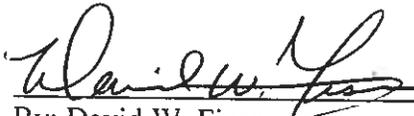
Title: _____

Participant: _____

Date: _____

PARTICIPATING PUBLIC ENTITY

PARTICIPATING PUBLIC ENTITY



By: David W. Fiser

Title: VP/CIO

Participant: Akron General Health System
(not-for-profit)

Date: 02/28/12

By: _____

Title: _____

Participant: _____

Date: _____

PARTICIPATING PUBLIC ENTITY

PARTICIPATING PUBLIC ENTITY

By: _____

Title: _____

Participant: _____

Date: _____

By: _____

Title: _____

Participant: _____

Date: _____

Intending to be legally bound, the parties have entered into this Partnership Agreement for the Summit County Broadband Initiative as of the date of the County Executive's signature below.

COUNTY OF SUMMIT, OHIO

PARTICIPATING PUBLIC ENTITY

By: Russell M. Pry, Executive

By: _____

Date: _____

Title:
Participant:

Date: _____

APPROVED AS TO FORM:

PARTICIPATING PUBLIC ENTITY

Deborah S. Matz, Director
Department of Law, Insurance
and Risk Management

By: _____

Date: _____

Title:
Participant:

Date: _____

PARTICIPATING PUBLIC ENTITY

PARTICIPATING PUBLIC ENTITY


By: *William F. Snow*
Title: *Administrator*
Participant: *Both Townships*
Date: *February 22nd 2012*

By: _____

Title:
Participant:

Date: _____

PARTICIPATING PUBLIC ENTITY

PARTICIPATING PUBLIC ENTITY

By:
Title:
Participant:

By: _____

Title:
Participant:

Date: _____

Date: _____

Intending to be legally bound, the parties have entered into this Partnership Agreement for the Summit County Broadband Initiative as of the date of the County Executive's signature below.

COUNTY OF SUMMIT, OHIO

By: Russell M. Pry, Executive

Date: _____

APPROVED AS TO FORM:

Deborah S. Matz, Director
Department of Law, Insurance
and Risk Management

Date: _____

PARTICIPATING PUBLIC ENTITY

By:
Title:
Participant:

Date: _____

PARTICIPATING PUBLIC ENTITY

By:
Title:
Participant:

Date: _____

PARTICIPATING PUBLIC ENTITY

By: William J. Roth, Jr. Approved as to form
Title: Mayor and correctness:

Participant: City of Fairlawn

Date: 02-21-12 A.D. Edward J. Riegler
Director of Law

PARTICIPATING PUBLIC ENTITY

By:
Title:
Participant:

Date: _____

PARTICIPATING PUBLIC ENTITY

By:
Title:
Participant:

Date: _____

PARTICIPATING PUBLIC ENTITY

By:
Title:
Participant:

Date: _____

Intending to be legally bound, the parties have entered into this Partnership Agreement for the Summit County Broadband Initiative as of the date of the County Executive's signature below.

COUNTY OF SUMMIT, OHIO

PARTICIPATING PUBLIC ENTITY

By: Russell M. Pry, Executive

By: _____

Date: _____

Title:
Participant:

Date: _____

APPROVED AS TO FORM:

PARTICIPATING PUBLIC ENTITY

Deborah S. Matz, Director
Department of Law, Insurance
and Risk Management

By: _____

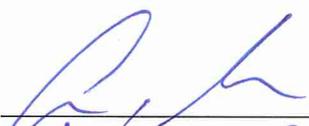
Date: _____

Title:
Participant:

Date: _____

PARTICIPATING PUBLIC ENTITY

PARTICIPATING PUBLIC ENTITY


By: ANTHONY J. BALES
Title: CITY MANAGER
Participant: CITY OF HUDSON

By: _____

Date: 2-24-12

Title:
Participant:

Date: _____

PARTICIPATING PUBLIC ENTITY

PARTICIPATING PUBLIC ENTITY

By:
Title:
Participant:

By: _____

Date: _____

Title:
Participant:

Date: _____

Intending to be legally bound, the parties have entered into this Partnership Agreement for the Summit County Broadband Initiative as of the date of the County Executive's signature below.

COUNTY OF SUMMIT, OHIO

PARTICIPATING PUBLIC ENTITY

By: Russell M. Pry, Executive

By: _____

Date: _____

Title: _____

Participant: _____

Date: _____

APPROVED AS TO FORM:

PARTICIPATING PUBLIC ENTITY

Deborah S. Matz, Director
Department of Law, Insurance
and Risk Management

By: _____

Date: _____

Title: _____

Participant: _____

Date: _____

PARTICIPATING PUBLIC ENTITY

PARTICIPATING PUBLIC ENTITY

By: *Sam Drew*

By: _____

Title: *Mayor*

Title: _____

Participant: *City of Stow*

Participant: _____

Date: *2/24/2012*

Date: _____

PARTICIPATING PUBLIC ENTITY

PARTICIPATING PUBLIC ENTITY

By: _____

By: _____

Title: _____

Title: _____

Participant: _____

Participant: _____

Date: _____

Date: _____

Intending to be legally bound, the parties have entered into this Partnership Agreement for the Summit County Broadband Initiative as of the date of the County Executive's signature below.

COUNTY OF SUMMIT, OHIO

PARTICIPATING PUBLIC ENTITY

By: Russell M. Pry, Executive
Date: _____

By: _____
Title: _____
Participant: _____
Date: _____

APPROVED AS TO FORM:

PARTICIPATING PUBLIC ENTITY

Deborah S. Matz, Director
Department of Law, Insurance
and Risk Management
Date: _____

By: _____
Title: _____
Participant: _____
Date: _____

PARTICIPATING PUBLIC ENTITY

PARTICIPATING PUBLIC ENTITY


By: _____
Title: MAYOR
Participant: CITY OF TALLMADGE
Date: 2/14/2012

By: _____
Title: _____
Participant: _____
Date: _____

PARTICIPATING PUBLIC ENTITY

PARTICIPATING PUBLIC ENTITY

By: _____
Title: _____
Participant: _____
Date: _____

By: _____
Title: _____
Participant: _____
Date: _____

Intending to be legally bound, the parties have entered into this Partnership Agreement for the Summit County Broadband Initiative as of the date of the County Executive's signature below.

COUNTY OF SUMMIT, OHIO

PARTICIPATING PUBLIC ENTITY

By: Russell M. Pry, Executive

By: _____

Date: _____

Title:
Participant:

Date: _____

APPROVED AS TO FORM:

PARTICIPATING PUBLIC ENTITY

Deborah S. Matz, Director
Department of Law, Insurance
and Risk Management

By: _____

Date: _____

Title:
Participant:

Date: _____

PARTICIPATING PUBLIC ENTITY

PARTICIPATING PUBLIC ENTITY

City of Twinsburg
By: *Katherine A Proog*
Title: *MAYOR*
Participant: *City of Twinsburg*

By: _____

Date: *Feb 21 - 2012*

Title:
Participant:

Date: _____

PARTICIPATING PUBLIC ENTITY

PARTICIPATING PUBLIC ENTITY

By:
Title:
Participant:

By: _____

Date: _____

Title:
Participant:

Date: _____

Intending to be legally bound, the parties have entered into this Partnership Agreement for the Summit County Broadband Initiative as of the date of the County Executive's signature below.

COUNTY OF SUMMIT, OHIO

By: Russell M. Pry, Executive
Date: _____

APPROVED AS TO FORM:

Deborah S. Matz, Director
Department of Law, Insurance
and Risk Management
Date: _____

PARTICIPATING PUBLIC ENTITY

By: _____
Title: _____
Participant: _____
Date: _____

PARTICIPATING PUBLIC ENTITY

By: _____
Title: _____
Participant: _____
Date: _____

PARTICIPATING PUBLIC ENTITY

Janice L. Marshall
By: Janice L. Marshall
Title: Fiscal Officer
Participant: Copley Township
Date: February 28, 2012

PARTICIPATING PUBLIC ENTITY

By: _____
Title: _____
Participant: _____
Date: _____

PARTICIPATING PUBLIC ENTITY

By: _____
Title: _____
Participant: _____
Date: _____

PARTICIPATING PUBLIC ENTITY

By: _____
Title: _____
Participant: _____
Date: _____

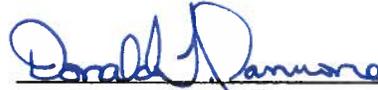
Intending to be legally bound, the parties have entered into this Partnership Agreement for the Summit County Broadband Initiative as of the date of the County Executive's signature below.

COUNTY OF SUMMIT, OHIO

PARTICIPATING PUBLIC ENTITY

By: Russell M. Pry, Executive

Date: _____



By: Donald T. Iannone

Title: Executive Director

Participant: Sourcing Office

Date: 2/29/12

APPROVED AS TO FORM:

PARTICIPATING PUBLIC ENTITY

Deborah S. Matz, Director
Department of Law, Insurance
and Risk Management

Date: _____

By:
Title:
Participant:

Date: _____

PARTICIPATING PUBLIC ENTITY

PARTICIPATING PUBLIC ENTITY

By:
Title:
Participant:

Date: _____

By:
Title:
Participant:

Date: _____

PARTICIPATING PUBLIC ENTITY

PARTICIPATING PUBLIC ENTITY

By:
Title:
Participant:

Date: _____

By:
Title:
Participant:

Date: _____

Intending to be legally bound, the parties have entered into this Partnership Agreement for the Summit County Broadband Initiative as of the date of the County Executive's signature below.

COUNTY OF SUMMIT, OHIO

By: Russell M. Pry, Executive

Date: _____

APPROVED AS TO FORM:

Deborah S. Matz, Director
Department of Law, Insurance
and Risk Management

Date: _____

PARTICIPATING PUBLIC ENTITY



By: Michael A. Rick
Title: Mayor
Participant: Village of Mogadore

Date: 2/15/12



By: Juliann McCulley
Title: Clerk-Treasurer
Participant: Village of Mogadore

Date: 2/16/12

APPROVED AS TO FORM:



Joel D. Reed
Law Director, Village of Mogadore

Date: 2/15/12

PARTICIPATING PUBLIC ENTITY

By:
Title:
Participant:

Date: _____

PARTICIPATING PUBLIC ENTITY

By:
Title:
Participant:

Date: _____

Intending to be legally bound, the parties have entered into this Partnership Agreement for the Summit County Broadband Initiative as of the date of the County Executive's signature below.

COUNTY OF SUMMIT, OHIO

PARTICIPATING PUBLIC ENTITY

By: Russell M. Pry, Executive

By: _____

Date: _____

Title: _____

Participant: _____

Date: _____

APPROVED AS TO FORM:

PARTICIPATING PUBLIC ENTITY

Deborah S. Matz, Director
Department of Law, Insurance
and Risk Management

By: _____

Date: _____

Title: _____

Participant: _____

Date: _____

PARTICIPATING PUBLIC ENTITY

PARTICIPATING PUBLIC ENTITY

By: _____

By: _____

Title: _____

Title: _____

Participant: _____

Participant: _____

Date: _____

Date: _____

PARTICIPATING PUBLIC ENTITY

PARTICIPATING PUBLIC ENTITY



By: _____

By: Daniel N. Quigg

Title: _____

Title: CEO

Participant: _____

Participant: Hustled Technology Enterprise LLC

Date: 2/28/2012

Date: _____

Partnership Agreement

between
The County of Summit, Ohio
and
Participating Public Entities
for the Summit County Broadband Initiative

This Partnership Agreement (the "Agreement") is made as of the date of the signature of the County Executive between the County of Summit, Ohio (the "County"), an Ohio county with its principal place of business located at 175 S. Main Street, Akron, Ohio 44308, by its Executive, and all of the other participating public entities that are identified and that execute this agreement on the signature page ("Participating Public Entities").

WHEREAS, the State of Ohio has established the Local Government Innovation Fund ("LGIF") to provide financial assistance to Ohio political subdivisions for planning and implementing projects that are projected to create more efficient and effective service delivery within a specific discipline of government services for one or more entities; and

WHEREAS, the County and the Participating Public Entities wish collaborate to apply for funding sources for, and perform a feasibility study concerning, a shared broadband infrastructure that would support future consolidations of, and collaborations concerning, government functions performed by the parties to this Agreement; and

WHEREAS, a shared broadband infrastructure will reduce costs, improve productivity and most importantly, set the stage for collaboration and shared services among the parties; and

WHEREAS, the parties intend to submit a request through the LGIF for a \$100,000.00 grant for the Project; and

WHEREAS, it is necessary to execute this Agreement to define the duties and responsibilities of the parties concerning the submission of the grant request and the Project;

Now, therefore, in consideration of the mutual promises and covenants hereinafter set forth, the parties hereby agree as follows:

1. Duties and Relationship of the County and Participating Public Entities. The County and the Participating Public Entities agree to mutually collaborate and assist each other in submitting a grant request for \$100,000.00 in LGIF funds for the March 1, 2012 application deadline or such future deadlines as mutually agreed by the parties. The County shall serve as the lead applicant for the grant agreement with all Participating Public Entities as supporting applicants.

The parties shall retain the services of The Sourcing Office, an Ohio Council of Governments formed under Chapter 167 of the Ohio Revised Code, and Hosted Technology Exchange, LLC, an Ohio limited liability company whose services were procured by The Sourcing Office, to write and submit the LGIF grant application on behalf of the parties. The cost of said services shall be \$7,500.00, which shall be borne equally by the parties to this

Agreement. The Sourcing Office and/or Hosted Technology Exchange, LLC shall invoice each party individually for its share and each party shall pay The Sourcing Office and/or Hosted Technology Exchange, LLC directly. By signing below, The Sourcing Office and/or Hosted Technology Exchange, LLC agree to the terms of this Section.

The parties mutually agree that, in the event that grant funds are awarded, the County shall act as the fiscal agent for such funds and shall receive and distribute any grant funds on behalf of the parties.

The parties acknowledge that the LGIF guidelines require a local match of 10% of the grant funds received, which includes any combination of monetary or in-kind, public or private, local funds. During the grant writing process, the parties will identify the source and amount of the local match and each agrees to contribute the same.

Upon the award of an LGIF grant, the parties agree to retain the services of The Sourcing Office and Hosted Technology Exchange, LLC to perform the feasibility study that will be identified and outlined in the grant, provided that the parties receive and approve an acceptable agreement and scope of work to perform the same. Otherwise, the parties may contract the services of another vendor to perform the feasibility study, as mutually agreed to by the parties.

2. Term and Termination. The term of this partnership agreement shall be from the date of signature of the County Executive through the conclusion of the Project.

3. Reports and Records. The parties shall maintain and provide to any party upon demand the following records and reports:

a. Accounting and fiscal records adequate to enable the party or the State of Ohio or any duly-appointed law enforcement agency to audit and otherwise verify that funds provided by the LGIF for the Project are used for the purpose stated in this Project.

b. Other records and reports as required by a party to enable the party to comply with local, State of Ohio and federal statutes and regulations.

c. All records pertaining to this project shall be retained and made available for a minimum of three (3) years after the conclusion of the Project.

7. Amendment or Modification. This Agreement may be amended or modified by the parties provided that any such amendment or modification makes specific reference to this Agreement, is executed in writing and signed by a duly authorized representative of each party.

8. Integration. This Agreement represents the entire and integrated agreement between the parties. This Agreement supersedes all prior and contemporaneous communications, representations, understandings, agreements or contracts, whether oral or written, relating to the subject matter of this Agreement.

9. Capacity to Execute. Each party hereby certifies that all actions necessary to execute this Agreement were taken and that the person executing this Agreement is authorized to do so and has the power to bind their respective party to the terms and conditions contained herein.

10. Compliance with Applicable Laws. Each party agrees to comply with all applicable federal, state and local laws, orders, rules and regulations in its performance under this Agreement.

11. Waiver. The remedies contained in this Agreement will be cumulative, and additional to any remedies provided in law or equity. No waiver of a breach of any provision of this Agreement will constitute a waiver of any other provisions.

12. Relationship of Parties. The parties agree that at no time shall the relationship between the parties under this Agreement be construed, held out or considered a joint venture or principal-agent.

13. Governing Law/Forum. This Agreement shall be governed by and construed in accordance with the laws of the State of Ohio, without giving effect to the principles thereof relating to conflicts of choice of laws. Any litigation arising under this Agreement must be litigated in the County of Summit municipal courts, ~~of~~ County of Summit Court of Common Pleas, and each party submits itself to the jurisdiction and venue of those courts.

14. Assignment. No party may assign rights or delegate any obligations created by this Agreement without the prior written consent of the other parties. Any assignment in violation of this Agreement is void. This Agreement shall be binding upon the heirs, successors, legal representatives and permitted assigns of the parties.

15. Force Majeure. No party shall be considered in default in the performance of any obligation hereunder, except the obligation to make payment, to the extent that the performance of such obligation is prevented or delayed by fire, flood, explosion, strike, war, insurrection, embargo, government requirement, civil or military authority, act of God, or any other event, occurrence or condition which is not caused, in whole or in part, by that party, and which is beyond the reasonable control of that party. The parties shall take all reasonable action to minimize the effects of any such event, occurrence or condition.

16. Severability. If any provision of this Agreement is found invalid or unenforceable by an arbitration panel or a court of competent jurisdiction, the remainder of this Memorandum of Understanding shall continue in full force and effect.

17. Reservation of Rights. A delay or failure in enforcing any right or remedy afforded hereunder or by law shall not prejudice or operate to waive that right or remedy or any other right or remedy, including any remedy for a future breach of this Agreement, whether of a like or different character.

18. Review by Legal Counsel. Each party has had the opportunity to review this Agreement with the assistance of legal counsel. Accordingly, the rule of construction that any ambiguity in this Agreement is to be construed against the drafting party is not applicable.

19. Notices. Every notice and demand required under the terms of this Agreement must be in writing and must be sent by regular mail to the addresses of the other parties. All notices are effective upon receipt. A party may change its address by giving written notice to the other parties in accordance with this Section.

INITIAL
AR
of other Ohio court of competent jurisdiction

30. Execution in Counterparts. This Agreement may be executed in counterparts by the parties, and shall be effective on the latest date a counterpart is executed by a party.

(End of text. Execution on following page.)

Intending to be legally bound, the parties have entered into this Partnership Agreement for the Summit County Broadband Initiative as of the date of the County Executive's signature below.

COUNTY OF SUMMIT, OHIO

PARTICIPATING PUBLIC ENTITY

By: Russell M. Pry, Executive

By: _____

Date: _____

Title:
Participant:

Date: _____

APPROVED AS TO FORM:

PARTICIPATING PUBLIC ENTITY

Deborah S. Matz, Director
Department of Law, Insurance
and Risk Management

By: _____

Date: _____

Title:
Participant:

Date: _____

PARTICIPATING PUBLIC ENTITY

PARTICIPATING PUBLIC ENTITY

By: _____

David J. Commins
By: _____

Title:
Participant:

By: DAVID J. COMMINS
Title: VICE PRESIDENT for FINANCE & ADMINISTRATION/CFO
Participant: THE UNIVERSITY OF AKRON

Date: _____

Date: 2/21/12

PARTICIPATING PUBLIC ENTITY

OFFICE OF GENERAL COUNSEL
THE UNIVERSITY OF AKRON
Reviewed and Approved for
Legal Form and Sufficiency

By: _____

By: *[Signature]*

Title:
Participant:

By:
Title:
Participant:

Date: _____

Date: _____

Tab 5: Supporting Documentation

Resolutions of Support

Each of the political subdivisions that are collaborative partners participating in this project and grant application adopted resolutions of support. Each resolution of support is included in this Tab 5. Resolutions of support were adopted by the following entities:

- Summit County
- Bath Township
- City of Fairlawn
- City of Hudson
- City of Stow
- City of Tallmadge
- City of Twinsburg
- Copley Township
- Sourcing Office
- Village of Mogadore

Sourcing Office contacted Department of Development staff on February 28, 2012 to confirm whether resolutions were required from Akron General Health System (a not-for-profit organization), the University of Akron (a 4-year public university), or Hosted Technology Exchange, LLC, an Ohio limited liability company. ODOD staff confirmed that resolutions of support were not required from these organizations and that executed partnership agreements would suffice given the fact that these three collaborative partners are not political subdivisions.

1 RESOLUTION NO. 2012-060

First Reading Passage Requested
(J. Dodson)

2
3 SPONSOR Mr. Pry

4
5 DATE February 13, 2012

COMMITTEE Planning

6
7 **A Resolution supporting and authorizing the County Executive to execute, an application**
8 **by the County of Summit and other participating public entities to the State of Ohio for**
9 **\$100,000.00 in grant funds, with a 10% local match, from the Local Government**
10 **Innovation Fund, for a feasibility study concerning a shared broadband infrastructure and**
11 **authorizing the Executive to execute a partnership agreement with the participating public**
12 **entities concerning the same, for the Executive, and declaring an emergency.**

13
14 WHEREAS, the State of Ohio has established the Local Government Innovation Fund
15 (“LGIF”) to provide financial assistance to Ohio political subdivisions for planning and
16 implementing projects that are projected to create more efficient and effective service delivery
17 within a specific discipline of government services for one or more entities; and

18
19 WHEREAS, the County and participating political entities wish to collaborate to apply
20 for funding sources for, and perform a feasibility study concerning, a shared broadband
21 infrastructure that would support future consolidations of, and collaborations concerning,
22 government functions performed by the parties; and

23
24 WHEREAS, the County and the participating public entities intend to submit an
25 application to the State of Ohio for \$100,000.00 in grant funds, with a 10% local match, from the
26 LGIF for the feasibility study concerning a shared broadband structure; and

27
28 WHEREAS, it is necessary for the County Executive to execute a partnership agreement
29 with the participating political entities concerning the grant application; and

30
31 WHEREAS, it is in the interest of this Council to express the County’s support for the
32 grant application for the feasibility study because a shared broadband structure among local
33 governments would be of great benefit to the citizens of Summit County; and

34
35 WHEREAS, this Council finds and determines, after reviewing all pertinent information,
36 that it is necessary and in the best interest of the County to support the aforementioned
37 application to the State of Ohio for LGIF grant funds for a feasibility study of a shared
38 broadband infrastructure and authorizing the Executive to execute a partnership agreement with
39 the participating public entities concerning the same;

40
41 NOW, THEREFORE, BE IT RESOLVED by the Council of the County of Summit, State
42 of Ohio, that:

43
44 SECTION 1

45
46 This Council hereby expresses the County’s support for the application by the County of
47 Summit and other participating public entities to the State of Ohio for \$100,000.00 in grant
48 funds, with a 10% local match, from the Local Government Initiative Fund for a feasibility study
49 concerning a shared broadband infrastructure and the County Executive is hereby authorized to
50 execute said application.

51

1 RESOLUTION NO. 2012-060

2 PAGE TWO

3
4 SECTION 2

5
6 The County Executive is hereby authorized to execute a partnership agreement with
7 participating public entities concerning the grant applications set forth in Section 1 of this
8 Resolution.

9
10 SECTION 3

11
12 This Resolution is hereby declared an emergency in the interest of the health, safety and
13 welfare of the citizens of the County of Summit and for the further purpose to immediately
14 declare the County's support of the aforementioned grant application and authorize the Executive
15 to execute the grant application and a related partnership agreement with participating public
16 entities prior to the March 1, 2012 deadline for the application.

17
18 SECTION 4

19
20 Provided this Resolution receives the affirmative vote of eight members, it shall take
21 effect immediately upon its adoption and approval by the Executive; otherwise, it shall take
22 effect and be in force at the earliest time provided by law.

23
24 SECTION 5

25
26 It is found and determined that all formal actions of this Council concerning and relating
27 to the adoption of this Resolution were adopted in an open meeting of this Council, and that all
28 deliberations of this Council and of any of its committees that resulted in such formal action,
29 were in meetings open to the public, in compliance with all legal requirements, including Section
30 121.22 of the Ohio Revised Code.

31
32
33 INTRODUCED February 13, 2012

34
35 ADOPTED February 13, 2012

36
37
38
39 
CLERK OF COUNCIL

40
41
42
43
44
45
46 
PRESIDENT OF COUNCIL

47 APPROVED February 14, 2012

48
49
50
51
52
53
54
55
56
57
58
59
60
61
62
63
64
65
66
67
68
69
70
71
72
73
74
75
76
77
78
79
80
81
82
83
84
85
86
87
88
89
90
91
92
93
94
95
96
97
98
99
100

EXECUTIVE

ENACTED EFFECTIVE February 14, 2012

Voice Vote: 9-0 Yes: Comunale, Crawford, Feeman, Kostandaras
Kurt, Lee, Rodgers, Roemer, Schmidt. Absent: Prentice, Shapiro

BATH TOWNSHIP BOARD OF TRUSTEES

BE IT HEREBY KNOWN BY ALL THOSE PRESENT THAT ON THE 6th DAY OF FEBURARY 2012 THE BATH TOWNSHIP BOARD OF TRUSTEES MET IN REGULAR SESSION, COMMENCING AT 7:00 P.M. IN THE BATH TOWNSHIP MEETING ROOM, 3864 WEST BATH ROAD, BATH TOWNSHIP, SUMMIT COUNTY, STATE OF OHIO.

Mrs. Corbett introduced the following resolution and moved its adoption:

RESOLUTION 2012-05

Resolution 2012-05 to apply jointly with Summit County for a Broadband Feasibility Study

WHEREAS, North East Ohio Sourcing Office serves public sector entities (local governments, educational institutions, and nonprofit organizations) and private sector entities in Northeast Ohio and other Ohio regions with group purchasing, shared services, and public sector capacity building services, and

WHEREAS, multiple public sector entities in Summit County, Ohio wish to apply for a Local Government Innovation Fund (LGIF) grant in an amount up to \$100,000 from the State of Ohio for the purposes of assisting those entities in Summit County, Ohio and,

WHEREAS, the intent of the project is to evaluate collaborative and shared applications for public and private sector organizations in Summit County, Ohio which will result in significant cost reductions, enhanced quality of service, and also function as a positive catalyst for economic development;

NOW THEREFORE BE IT RESOLVED, the Bath Township Board of Trustees authorizes its Township Administrator to proceed with the submission of such application to the State of Ohio's Local Government Innovation Fund, and to enter into a partnership agreement with participating entities in Summit County, Ohio

FURTHER, that \$750.00 be submitted to the Sourcing Office for their fee.

Resolution seconded for discussion purposes by Mrs. Goodrich and discussion and roll call.

Mrs. Corbett, Aye
Mrs. Goodrich, Aye
Mr. Nelson, Aye

Resolution Adopted


Sharon A. Troike, Fiscal Officer


Becky Corbett, President
Bath Township Board of Trustees


Elaine E. Goodrich, Vice-President
Bath Township Board of Trustees

February 6, 2012
Date


James N. Nelson
Bath Township Board of Trustees

This Resolution is a true and correct excerpt from the Minutes of the Board of Township Trustees and is recorded in the Bath Township Board of Trustees' Record of Proceedings dated February 6, 2012.

A RESOLUTION SUPPORTING AN APPLICATION BY THE COUNTY OF SUMMIT AND OTHER PARTICIPATING PUBLIC ENTITIES TO THE STATE OF OHIO FOR ONE HUNDRED THOUSAND AND NO/100 DOLLARS (\$100,000.00) IN GRANT FUNDS, INCLUDING A TEN PERCENT (10%) LOCAL MATCH, FROM THE LOCAL GOVERNMENT INITIATIVE FUND FOR A FEASIBILITY STUDY CONCERNING A SHARED BROADBAND INFRASTRUCTURE

WHEREAS, the State of Ohio has established the Local Government Innovation Fund (“LGIF”) to provide financial assistance to Ohio political subdivisions for planning and implementing projects that are projected to create more efficient and effective service delivery within a specific discipline of government services for one or more entities; and

WHEREAS, the County of Summit and participating political entities wish to apply for funding sources for, and perform a feasibility study concerning, a shared broadband infrastructure that would support future consolidations of, and collaborations concerning, government functions performed by the parties; and

WHEREAS, the County and the participating public entities intend to submit an application to the State of Ohio for One Hundred Thousand and no/100 dollars (\$100,000.00) in grant funds, including a ten percent (10%) local match, from the Local Government Initiative Fund for the feasibility study concerning a shared broadband structure; and

WHEREAS, it is in the interest of this Council to express the City of Fairlawn’s support for the grant application for the feasibility study because a shared broadband structure among local governments would be of great benefit not only to the citizens of the City of Fairlawn but also to the citizens of Summit County; and

WHEREAS, this Council finds and determines, after reviewing all pertinent information, that it is necessary and in the best interest of the City of Fairlawn to support the aforementioned application to the State of Ohio for LGIF grant funds for a feasibility study of a shared broadband infrastructure.

NOW, THEREFORE, BE IT RESOLVED BY THE COUNCIL OF THE CITY OF FAIRLAWN, STATE OF OHIO, THAT:

Section 1: This Council hereby expresses the City of Fairlawn’s support for the application by the County of Summit and other participating public entities to the State of Ohio for One Hundred Thousand and no/100 dollars (\$100,000.00) in grant funds, including a ten percent (10%) local match, from the Local Government Initiative Fund for a feasibility study concerning a shared broadband infrastructure.

Section 2: That it is hereby found and determined that this legislation complies with Section 121.22, O.R.C. regarding notification of meetings and all deliberations of this Council pertaining hereto have been conducted in accordance therewith.

Section 3: This Resolution shall be in full force and effect from and after its adoption and approval by the Mayor or at the earliest period allowed by law.

Adopted: February 21, 2012
Tonja K Caldwell

Tonja K Caldwell, Clerk of Council

Approved: February 21, 2012
[Signature]

William J. Roth, Jr., Mayor

Russell T. Sharnsky

Russell T. Sharnsky, President of Council

Approved as to Form:
[Signature]

Edward J. Riegler, Director of Law

CERTIFICATION OF PASSAGE

I, Tonja K. Caldwell, Clerk of Council of the City of Fairlawn, Summit County, Ohio, do hereby certify that the foregoing Resolution 2012-010 was duly and regularly passed at a Regular Meeting on February 21, 2012.

Tonja K Caldwell
Tonja K. Caldwell, Clerk of Council

CERTIFICATION OF POSTING

This is to certify that on February 23, 2012 the within Resolution was published by posting a true copy of the same in five public places within the City as prescribed in Section 222.03(a), Codified Ordinances of Fairlawn.

Tonja K Caldwell
Tonja K. Caldwell, Clerk of Council

I hereby certify that the within is a true and correct copy of Resolution 2012-010
approved by the Council of the City of Fairlawn on February 21, 2012.
In witnessed whereof I hereunto set my hand at Fairlawn, Ohio this 24th day of
February, 2012.

Tonja K Caldwell
Tonja K. Caldwell, Clerk of Council

A RESOLUTION AUTHORIZING THE CITY MANAGER TO ENTER INTO A PARTNERSHIP AGREEMENT FOR APPLICATION BY THE COUNTY OF SUMMIT AND OTHER PARTICIPATING PUBLIC ENTITIES TO THE STATE OF OHIO FOR \$100,000 IN GRANT FUNDS, INCLUDING A 10% LOCAL MATCH FROM THE LOCAL GOVERNMENT INNOVATION FUND, FOR A FEASIBILITY STUDY CONCERNING A SHARED BROADBAND INFRASTRUCTURE; AND DECLARING AN EMERGENCY.

WHEREAS, the State of Ohio has established the Local Government Innovation Fund (“LGIF”) to provide financial assistance to Ohio political subdivisions for planning and implementing projects that are projected to create more efficient and effective service delivery within a specific discipline of government services for one or more entities; and

WHEREAS, Summit County and participating political entities, including but not limited to the City of Hudson, wish to apply for funding sources for, and perform a feasibility study concerning, a shared broadband infrastructure that would support future consolidations of, and collaborations concerning, government functions performed by the parties; and

WHEREAS, the County and the participating public entities intend to submit an application to the State of Ohio for \$100,000.00 in grant funds, including a 10% local match, from the Local Government Innovation Fund for the feasibility study concerning a shared broadband infrastructure; and

WHEREAS, it is necessary for the City to execute a partnership agreement with the participating political entities concerning the grant application; and

WHEREAS, the deadline for the grant application is March 1, 2012; and

WHEREAS, it is in the interest of this Council to express its support for the grant application for the feasibility study because a shared broadband structure among local governments would be of great benefit to the citizens of Summit County, including but not limited to the citizens of the City of Hudson; and

WHEREAS, this Council finds and determines that it is necessary and in the best interest of the City to support the aforementioned application to the State of Ohio for LGIF grant funds for a feasibility study of a shared broadband infrastructure and authorizing the City Manager to execute a partnership agreement with the participating public entities concerning the same.

NOW, THEREFORE, BE IT RESOLVED by the Council of Hudson, Summit County, State of Ohio, that:

SECTION 1. That the City Manager is authorized and directed, for and on behalf of the City of Hudson, to enter into a partnership agreement for application by the County of Summit and other participating public entities to the State of Ohio for \$100,000 in grant funds, including a 10% local match, from the Local Government Innovative Fund for a feasibility study concerning a shared broadband infrastructure.

SECTION 2. That it is found and determined that all formal actions of this Council concerning and relating to the adoption of this Resolution were adopted in an open meeting of this Council, and that all deliberations of this Council and of any of its committees that resulted in such formal action, were in meetings open to the public, in compliance with all legal requirements including Section 121.22 of the Ohio Revised Code.

SECTION 3. This Resolution is declared to be an emergency measure immediately necessary for the preservation of the general welfare of the City by reason of the need to submit the application to the State of Ohio by March 1, 2012; wherefore, this Resolution shall be in full force and effect immediately upon its passage, provided it receives the affirmative vote of five (5) members of Council elected thereto or six (6) affirmative votes if all members of Council are present at the meeting at which it is passed; otherwise, it shall take effect and be in force from after the earliest period allowed by law.

PASSED: February 15, 2012



William A. Currin, Mayor

ATTEST:



Elizabeth Slagle, Clerk of Council

I certify that the foregoing Ordinance was duly passed by the Council of said Municipality on February 15, 2012.



Elizabeth Slagle, Clerk of Council

REQUESTED BY SERVICE DIRECTOR
APPROVED BY FINANCE COMMITTEE
INTRODUCED BY RIEHL

RESOLUTION NO. 2012-43

A RESOLUTION SUPPORTING THE COUNTY EXECUTIVE'S EXECUTION OF AN APPLICATION BY THE COUNTY OF SUMMIT AND OTHER PARTICIPATING PUBLIC ENTITIES TO THE STATE OF OHIO FOR \$100,000.00 IN GRANT FUNDS, INCLUDING A 10% LOCAL MATCH FROM THE LOCAL GOVERNMENT INITIATIVE FUND, FOR A FEASIBILITY STUDY CONCERNING A SHARED BROADBAND INFRASTRUCTURE ON BEHALF OF THE CITY OF STOW; AUTHORIZING THE MAYOR TO EXECUTE A PARTNERSHIP AGREEMENT WITH THE PARTICIPATING PUBLIC ENTITIES CONCERNING THE SAME; AND DECLARING AN EMERGENCY.

WHEREAS, the State of Ohio has established the Local Government Innovation Fund ("LGIF") to provide financial assistance to Ohio political subdivisions for planning and implementing projects that are projected to create more efficient and effective service delivery within a specific discipline of government services for one or more entities; and

WHEREAS, the County and participating political entities wish to apply for funding sources for, and perform a feasibility study concerning, a shared broadband infrastructure that would support future consolidations of, and collaborations concerning, government functions performed by the parties; and

WHEREAS, the County and the participating public entities intend to submit an application to the State of Ohio for \$100,000.00 in grant funds, including a 10% local match from the Local Government Initiative Fund, for the feasibility study concerning a shared broadband structure; and

WHEREAS, it is necessary for the Mayor to execute a partnership agreement with the participating political entities concerning the grant application; and

WHEREAS, it is in the interest of this Council to express the City's support for the grant application for the feasibility study because a shared broadband structure among local governments would be of great benefit to the citizens of Summit County; and

WHEREAS, this Council finds and determines, after reviewing all pertinent information, that it is necessary and in the best interest of the City to support the aforementioned application to the State of Ohio for LGIF grant funds for a feasibility study of a shared broadband infrastructure and authorizing the Mayor to execute a partnership agreement with the participating public entities concerning the same;

NOW, THEREFORE, BE IT RESOLVED BY THE COUNCIL OF THE CITY OF STOW, COUNTY OF SUMMIT AND STATE OF OHIO:

SECTION 1. That this Council hereby expresses the City's support for the application by the County of Summit and other participating public entities to the State of Ohio for \$100,000.00 in grant funds, including a 10% match from the Local Government Initiative Fund, for a feasibility study concerning a shared broadband infrastructure on behalf of the City of Stow.

SECTION 2. That the Mayor be, and she hereby is, authorized to execute a partnership agreement with participating public entities concerning the grant applications set forth in Section 1 of this resolution.

SECTION 3. This Council finds and determines that all formal actions of this Council concerning and relating to the passage of this resolution were taken in an open meeting of this Council and that all deliberations of this Council and of any of its committees or subcommittees that resulted in those formal actions were in meetings open to the public in compliance with the law.

SECTION 4. That this resolution was adopted pursuant to Section 4.11, Charter, and is hereby declared to be an emergency measure necessary for the immediate preservation of the public health and safety for the reason that the City's support of the aforementioned grant application, authorization for the Mayor to enter into a partnership agreement with participating public entities and authorization for the Executive to execute the grant application has to be finalized prior to March 1, 2012, and, pursuant to Section 4.13, Charter, shall take effect upon its adoption by Council and approval by the Mayor, otherwise at the earliest period allowed by law.

ADOPTED BY COUNCIL 2/23/12

ATTEST 

Bonnie J. Emahiser
CLERK OF COUNCIL

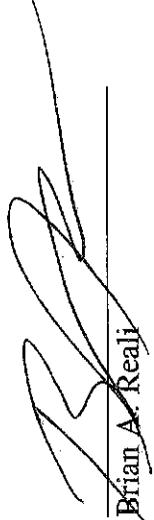


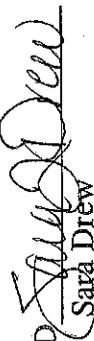
James M. Costello
PRESIDENT OF COUNCIL

FILED WITH MAYOR 2/24/12

FILED WITH CLERK 2/24/12

APPROVED AS TO FORM


Brian A. Realy
LAW DIRECTOR

APPROVED 

Sara Drew
MAYOR

EFFECTIVE DATE 2/24/12

I, BONNIE J. EMAHISER, CLERK OF COUNCIL, HEREBY CERTIFY THAT THE AFOREGOING IS A TRUE AND ACCURATE COPY OF

Res. No. 2012-43

ADOPTED BY COUNCIL ON 2-23-12



Presented by:
Mayor David G. Kline

AUTHORIZING THE MAYOR TO ENTER INTO A PARTNERSHIP AGREEMENT FOR APPLICATION BY THE COUNTY OF SUMMIT AND OTHER PARTICIPATING PUBLIC ENTITIES TO THE STATE OF OHIO FOR \$100,000 IN GRANT FUNDS, INCLUDING A 10% LOCAL MATCH, FROM THE LOCAL GOVERNMENT INITIATIVE FUND FOR A FEASIBILITY STUDY CONCERNING A SHARED BROADBAND INFRASTRUCTURE AND PROVIDING FOR IMMEDIATE ENACTMENT

WHEREAS, the State of Ohio has established the Local Government Innovation Fund ("LGIF") to provide financial assistance to Ohio political subdivisions for planning and implementing projects that are projected to create more efficient and effective service delivery within a specific discipline of government services for one or more entities; and

WHEREAS, Summit County and participating political entities, including but not limited to the City of Tallmadge, wish to apply for funding sources for, and perform a feasibility study concerning, a shared broadband infrastructure that would support future consolidations of, and collaborations concerning, government functions performed by the parties; and

WHEREAS, the County and the participating public entities intend to submit an application to the State of Ohio for \$100,000.00 in grant funds, including a 10% local match, from the Local Government Initiative Fund for the feasibility study concerning a shared broadband structure; and

WHEREAS, it is necessary for the City to execute a partnership agreement with the participating political entities concerning the grant application; and

WHEREAS, the deadline for the grant application is March 1, 2012; and

WHEREAS, it is in the interest of this Council to express the City's support for the grant application for the feasibility study because a shared broadband structure among local governments would be of great benefit to the citizens of Summit County, including but not limited to the citizens of the City of Tallmadge; and

WHEREAS, this Council finds and determines that it is necessary and in the best interest of the City to support the aforementioned application to the State of Ohio for LGIF grant funds for a feasibility study of a shared broadband infrastructure and authorizing the Mayor to execute a partnership agreement with the participating public entities concerning the same.

NOW, THEREFORE, BE IT ORDAINED BY THE COUNCIL OF THE CITY OF TALLMADGE, COUNTIES OF SUMMIT AND PORTAGE, STATE OF OHIO:

SECTION 1. That the Mayor is hereby authorized and directed, for and on behalf of the City of Tallmadge, to enter into a partnership agreement for application by the County of Summit and other participating public entities to the State of Ohio for \$100,000 in grant funds, including a 10% local match, from the Local Government Initiative Fund for a feasibility study concerning a shared broadband infrastructure.

SECTION 2. That it is found and determined that all formal actions of this Council concerning and relating to the adoption of this ordinance were adopted in an open meeting of this Council, and that all deliberations of this Council and of any of its committees on or after November 28, 1975 that resulted in such formal action, were in meetings open to the public, in compliance with all legal requirements including Section 121.22 of the Ohio Revised Code.

SECTION 3. That this ordinance is necessary to provide for and to accomplish the purposes herein set forth, which are conducive to the health, safety, and welfare of the citizens of Tallmadge. For that reason, provided this ordinance shall receive the affirmative vote of three-fourths of the members of Council and approval by the Mayor, it shall be enacted immediately and shall be of immediate effect.

Passed: 2-23-12

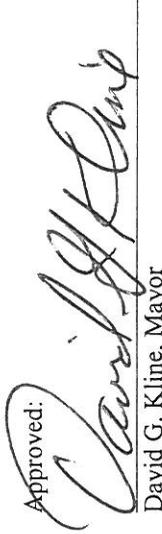

Susan E. Burton, Clerk of Council

MER/kl

02/07/12

Filed with the Mayor 2-24-12


Linda S. Poinar, President of Council

Approved:

David G. Kline, Mayor

This 24th day of Feb., 2012

I, Susan E. Burton, Clerk of Council of the City of Tallmadge, Summit and Portage Counties, Ohio do hereby certify that the foregoing Ordinance 30-2012 is a true and exact copy of the original legislation duly adopted by the Tallmadge City Council on February 23, 2012.


Susan E. Burton, Clerk of Council

Date

CITY OF TWINSBURG, OHIO

RESOLUTION 23-2012

A RESOLUTION AUTHORIZING THE MAYOR TO ENTER INTO COOPERATIVE ARRANGEMENT WITH SUMMIT COUNTY, THE SOURCING OFFICE AND OTHER SUMMIT COUNTY ENTITIES FOR PURPOSE OF SUBMITTING GRANT APPLICATIONS TO THE OHIO LOCAL GOVERNMENT INNOVATION FUND ON BEHALF OF THE CITY OF TWINSBURG AND DECLARING AN EMERGENCY

WHEREAS, the SOURCING OFFICE assists public sector entities to save money and time and innovate with collaborative solutions to problems and opportunities; and

WHEREAS, multiple public sector entities in Summit County, Ohio, including the City of Twinsburg wish to apply for a Local Government Innovation Fund (LGIF) grant in an amount up to \$100,000 from the State of Ohio for the purposes of assisting those entities in Summit County, Ohio; and

WHEREAS, the entities in Summit County, Ohio participating in this grant application wish SOURCING OFFICE to be a collaborative partner in the grant application and in the subsequent project; and

WHEREAS, Hosted Technology Exchange, LLC (HTEEx), a SOURCING OFFICE supplier partner, will also be a collaborative partner in the grant application and in the project through the competitively solicited contract established between SOURCING OFFICE and HTEEx; and

WHEREAS, the intent of the project is to evaluate collaborative and shared applications for public and private sector organizations in Summit County, Ohio which may result in significant cost reductions, enhanced quality of service, and also potentially function as a positive catalyst for economic development.

NOW, THEREFORE, BE IT ORDAINED by the Council of the City of Twinsburg, County of Summit and State of Ohio:

SECTION I: That the Mayor be, and she hereby is, authorized and directed to enter into a Partnership Agreement with Summit County, the Sourcing Office and other Summit County entities and share in the application fee for the purpose of submitting a grant application to the Ohio Local Government Innovation Fund (LGIF), on behalf of the City of Twinsburg, a copy of the Partnership Agreement is attached hereto and made a part hereof as though fully rewritten herein, marked "Exhibit A."

SECTION II: It is found and determined that all formal actions of this Council concerning and relating to the adoption of this Ordinance were taken in open meetings or meetings of this Council, and that all deliberations of this Council were in meetings open to the public and in full compliance with all legal requirements, including without limitations, those set forth in Section 121.22 of the Ohio Revised Code.

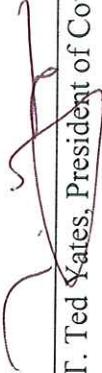
SECTION III: That this Ordinance is hereby declared to be an emergency measure, necessary for the immediate preservation of the public peace, health, safety welfare and convenience of the citizens of the City of Twinsburg, and for the additional reason that the amendment of certain funds herein described is immediately necessary to submit the grant application in order to be considered for funding. Provided it receives the affirmative vote of five or more members of Council, it shall take effect and be in

force immediately upon its passage and approval of the Mayor; otherwise, it shall take effect and be in force at the earliest period allowed by law.

PASSED: 2-14-12

APPROVED: 2-16-12

EFFECTIVE: 2-16-12


T. Ted Yates, President of Council

Submitted to the Mayor for approval this
16 day of February, 2012

Approved by the Mayor Feb. 16, 2012

Katherine A. Procop, Mayor

ATTEST:

Shannon Collins
Clerk of Council

1st Rdg. 2-14-12
2nd Rdg. -
3rd Rdg. -

Passed: 2-14-12
Yes 7 No 0

CERTIFICATE OF POSTING

I, Shannon Collins, Clerk of Council, of the City of Twinsburg, State of Ohio, do hereby certify that publication of the foregoing ordinances, resolutions was duly made by posting true copies thereof at five of the most public places in said City as determined by Section 113.02 of the Codified Ordinances of the City of Twinsburg; each for a period of fifteen days commencing on the 17 day of February, 2012


Shannon Collins
Clerk of Council
City of Twinsburg

COPLEY TOWNSHIP BOARD OF TRUSTEES
BE IT HEREBY KNOWN BY ALL THOSE PRESENT THAT ON THE 1ST DAY OF
FEBRUARY 2012, THE COPLEY TOWNSHIP BOARD OF TRUSTEES MET IN
REGULAR SESSION, COMMENCING AT 6:00 P.M. AT 1540 S CLEVELAND-
MASSILLON ROAD, COPLEY, OHIO 44321

RESOLUTION 2012- 3

Authorizing Copley Township to Participate with Entities in Summit County in a Grant Application to the State of Ohio's Local Government Innovation Fund and to Permit the Executive Director of the Sourcing Office to Write and submit the Grant for a Fee Not to Exceed \$750 to Copley Township.

WHEREAS, Copley Township is a member of the Sourcing Office ("SOURCING OFFICE"), a Council of Governments under Chapter 167 of the Ohio Revised Code (ORC) and 501(c)(3) not-for-profit organization; and,

WHEREAS, the SOURCING OFFICE serves public sector entities (local governments, educational institutions, and nonprofit organizations) and private sector entities in Northeast Ohio and other Ohio regions with group purchasing, shared services, and public sector capacity building services; and,

WHEREAS, multiple public sector entities in Summit County, Ohio wish to apply for a Local Government Innovation Fund (LGIF) grant in an amount up to \$100,000 from the State of Ohio for the purposes of assisting those entities in Summit County, Ohio; and,

WHEREAS, the entities in Summit County, Ohio participating in this grant application wish SOURCING OFFICE to be a collaborative partner in the grant application and in the subsequent project; and,

WHEREAS, Hosted Technology Exchange, LLC (HTEx), a SOURCING OFFICE supplier partner, will also be a collaborative partner in the grant application and in the project through the competitively solicited contract established between SOURCING OFFICE and HTEx; and,

WHEREAS, the intent of the project is to evaluate collaborative and shared applications for public and private sector organizations in Summit County, Ohio which will result in significant cost reductions, enhanced quality of service, and also function as a positive catalyst for economic development;

NOW THEREFORE BE IT RESOLVED, that the Copley Township Board of Trustees authorizes participation in the submission of a grant application to the State of Ohio's Local Government Innovation Fund, and to enter into a partnership agreement with participating entities in Summit County, Ohio, for a fee not to exceed \$750.

MOTION BY: Justice Panovich SECOND BY: Justice Swisher
Scott Dressler Note Helen J. Humphreys Note
Helen J. Humphreys Vote

Dale Ann Panovich Note
Dale Ann Panovich

Janice Marshall
Janice Marshall, Fiscal Officer

February 1, 2012
Date

This Resolution is a true and correct excerpt from the Minutes of the Board of Township Trustees and is recorded in the Copley Township Board of Trustees' Record of Proceedings dated February 1, 2012

January 27, 2012

RESOLUTION NUMBER 2012.1.2

AUTHORIZING SOURCING OFFICE BOARD OF DIRECTORS TO GRANT ITS EXECUTIVE DIRECTOR THE AUTHORITY TO PARTICIPATE WITH ENTITIES IN SUMMIT COUNTY IN THE SUBMISSION OF AN APPLICATION TO THE STATE OF OHIO'S LOCAL GOVERNMENT INNOVATION FUND AS PROVIDED HEREIN.

WHEREAS, Sourcing Office ("SOURCING OFFICE"), a Council of Governments under Chapter 167 of the Ohio Revised Code (ORC) and 501(c)(3) not-for-profit organization, desires to comply with all applicable laws, rules, and regulations set forth by the ORC and Ohio Sunshine laws.

WHEREAS, SOURCING OFFICE serves public sector entities (local governments, educational institutions, and nonprofit organizations) and private sector entities in Northeast Ohio and other Ohio regions with group purchasing, shared services, and public sector capacity building services.

WHEREAS, It is the mission of SOURCING OFFICE to assist public sector entities to save money and time and innovate with collaborative solutions to problems and opportunities.

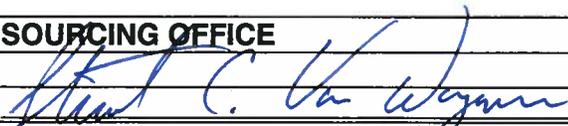
WHEREAS, multiple public sector entities in Summit County, Ohio wish to apply for a Local Government Innovation Fund (LGIF) grant in an amount up to \$100,000 from the State of Ohio for the purposes of assisting those entities in Summit County, Ohio.

WHEREAS, the entities in Summit County, Ohio participating in this grant application wish SOURCING OFFICE to be a collaborative partner in the grant application and in the subsequent project.

WHEREAS, Hosted Technology Exchange, LLC (HTEx), a SOURCING OFFICE supplier partner, will also be a collaborative partner in the grant application and in the project through the competitively solicited contract established between SOURCING OFFICE and HTEx.

WHEREAS, the intent of the project is to evaluate collaborative and shared applications for public and private sector organizations in Summit County, Ohio which will result in significant cost reductions, enhanced quality of service, and also function as a positive catalyst for economic development.

BE IT RESOLVED, the SOURCING OFFICE Board of Directors authorizes its Executive Director to proceed with the submission of such application to the State of Ohio's Local Government Innovation Fund, to enter into a partnership agreement with participating entities in Summit County, Ohio, and by way of this resolution states its commitment to this project, if funded by the State of Ohio, effective upon majority affirmative vote of this Resolution Number 2012.1.2

SOURCING OFFICE	Attest:
	
Stuart Chase Van Wagenen, President	Don Iannone, Secretary

Date Adopted: January 27, 2012

RESOLUTION

~~COUNCIL~~ No. 2012-7

Passed February 15, 2012

SPONSOR: MAYOR RICK

A RESOLUTION AUTHORIZING AND DIRECTING THE MAYOR AND CLERK-TREASURER TO ENTER INTO A PARTNERSHIP AGREEMENT FOR APPLICATION BY THE COUNTY OF SUMMIT AND OTHER PARTICIPATING PUBLIC ENTITIES TO THE STATE OF OHIO FOR \$100,000 IN GRANT FUNDS, INCLUDING A 10% LOCAL MATCH, FROM THE LOCAL GOVERNMENT INITIATIVE FUND FOR A FEASIBILITY STUDY CONCERNING A SHARED BROADBAND INFRASTRUCTURE AND PROVIDING FOR IMMEDIATE ENACTMENT

WHEREAS, the State of Ohio has established the Local Government Innovation Fund ("LGIF") to provide financial assistance to Ohio political subdivisions for planning and implementing projects that are projected to create more efficient and effective service delivery within a specific discipline of government services for one or more entities; and

WHEREAS, Summit County and participating political entities, including but not limited to the Village of Mogadore, wish to apply for funding sources for, and perform a feasibility study concerning, a shared broadband infrastructure that would support future consolidations of, and collaborations concerning, government functions performed by the parties; and

WHEREAS, the County and the participating public entities intend to submit an application to the State of Ohio for \$100,000.00 in grant funds, including a 10% local match, from the Local Government Initiative Fund for the feasibility study concerning a shared broadband structure; and

WHEREAS, it is necessary for the Village to execute a partnership agreement with the participating political entities concerning the grant application; and

WHEREAS, the deadline for the grant application is March 1, 2012; and

WHEREAS, it is in the interest of this Council to express the County's support for the grant application for the feasibility study because a shared broadband structure among local governments would be of great benefit to the citizens of Summit County, including but not limited to the citizens of the Village of Mogadore; and

WHEREAS, this Council finds and determines that it is necessary and in the best interest of the Village to support the aforementioned application to the State of Ohio for LGIF grant funds for a feasibility study of a shared broadband infrastructure and authorizing the Mayor and Clerk-Treasurer to execute a partnership agreement with the participating public entities concerning the same.

NOW, THEREFORE, BE IT ORDAINED BY THE COUNCIL OF THE VILLAGE OF MOGADORE, COUNTIES OF SUMMIT AND PORTAGE, STATE OF OHIO:

SECTION 1. That the Mayor and Clerk-Treasurer are hereby authorized and directed, for and on behalf of the Village of Mogadore, to enter into a partnership agreement for application by the County of Summit and other participating public entities to the State of Ohio for \$100,000 in grant funds, including a 10% local match, from the Local Government Initiative Fund for a feasibility study concerning a shared broadband infrastructure.

SECTION 2. The Village of Mogadore finds and determines that all formal actions of this Council concerning and relating to the adoption of this resolution were taken in open meeting of this Council, and any deliberations of this Council and of any of its

Dayton Legal Blank, Inc.

Form No. 30043

RESOLUTION
~~XXXXXX~~ No. 2012-7 Passed February 15, 2012

committees that resulted in this formal action, were in meetings open to the public, in compliance with all legal requirements.

SECTION 3. This resolution is hereby declared to be an emergency measure necessary to provide for and to accomplish the purposes herein set forth, which are conducive to the health, safety, and welfare of the residents of the Village of Mogadore and shall take effect and be in full force upon its passage by three-fourths of members of Council and approval by the Mayor or at the earliest period allowed by law.

Am Baver 2-15-12
President of Council Date

[Signature] 2-15-12
Mayor Date

Attest:

Juliann McCulley
Clerk-Treasurer

CERTIFICATE

STATE OF OHIO Summit / Portage Counties
I, Juliann McCulley, Clerk-Treasurer of the Village of Mogadore, do hereby certify that the foregoing is a true and correct copy of Resolution # 2012-7 duly passed

by Council on 2/15/12

Juliann McCulley CLERK-TREASURER

Local Government Innovation Fund Program

Application Score £ £

Lead Applicant	
Project Name	

	Grant Application
--	--------------------------

or

	Loan Application
--	-------------------------

The Local Government Innovation Fund Council
77 South High Street
P.O. Box 1001
Columbus, Ohio 43216-1001
(614) 995-2292

Local Government Innovation Fund Project Scoring Sheet

Section 1: Financing Measures

Financing Measures	Description	Criteria	Max Points	Applicant Self Score	Validated Score
Financial Information	<i>Applicant includes financial information (i.e., service related operating budgets) for the most recent three years and the three year period following the project. The financial information must be directly related to the scope of the project and will be used as the cost basis for determining any savings resulting from the project.</i>	Applicant provides a thorough, detailed and complete financial information	5		
		Applicant provided more than minimum requirements but did not provide additional justification or support	3		
		Applicant provided minimal financial information	1		
		Points			
Repayment Structure (Loan Only)	<i>Applicant demonstrates a viable repayment source to support loan award. Secondary source can be in the form of a debt reserve, bank participation, a guarantee from a local entity, or other collateral (i.e., emergency rainy day, or contingency fund, etc.).</i>	Applicant clearly demonstrates a secondary repayment source.	5		
		Applicant does not have a secondary repayment source.	0		
		Points			
Local Match	<i>Percentage of local matching funds being contributed to the project. This may include in-kind contributions.</i>	70% or greater	5		
		40-69.99%	3		
		10-39.99%	1		
		Points			
Total Section Points					

Section 2: Collaborative Measures

Collaborative Measures	Description	Criteria	Max Points	Applicant Self Score	Validated Score
Population	<i>Applicant's population (or the population of the area(s) served) falls within one of the listed categories as determined by the U.S. Census Bureau. Population scoring will be determined by the smallest population listed in the application. Applications from (or collaborating with) small communities are preferred.</i>	Applicant (or collaborative partner) is not a county and has a population of less than 20,000 residents	5		
		Applicant (or collaborative partner) is a county but has less than 235,000	5		
		Applicant (or collaborative partner) is not a county but has a population 20,001 or greater.	3		
		Applicant (or collaborative partner) is a county with a population of 235,001 residents or more	3		
		Points			
Participating Entities	<i>Applicant has executed partnership agreements outlining all collaborative partners and participation agreements and has resolutions of support. (Note: Sole applicants only need to provide a resolution of support from its governing entity.)</i>	More than one applicant	5		
		Single applicant	1		
		Points			
Total Section Points					

Local Government Innovation Fund Project Scoring Sheet

Section 3: Success Measures

Success Measures	Description	Criteria	Points	Applicant Self Score	Validated Score
Expected Return	<i>Applicant demonstrates as a percentage of savings (i.e., actual savings, increased revenue, or cost avoidance) an expected return. The return must be derived from the applicant's cost basis. The expected return is ranked in one of the following percentage categories:</i>	75% or greater	30		
		25.01% to 74.99%	20		
		Less than 25%	10		
			Points		
Past Success	<i>Applicant has successfully implemented, or is following project guidance from a shared services model, for an efficiency, shared service, coproduction or merger project in the past.</i>	Yes	5		
		No	0		
			Points		
Scalable/Replicable Proposal	<i>Applicant's proposal can be replicated by other local governments or scaled for the inclusion of other local governments.</i>	The project is both scalable and replicable	10		
		The project is either scalable or replicable	5		
		Does not apply	0		
			Points		
Probability of Success	<i>Applicant provides a documented need for the project and clearly outlines the likelihood of the need being met.</i>	Provided	5		
		Not Provided	0		
			Points		
Total Section Points					

Section 4: Significance Measures

Significance Measures	Description	Criteria	Points Assigned	Applicant Self Score	Validated Score
Performance Audit Implementation /Cost Benchmarking	<i>The project implements a single recommendation from a performance audit provided by the Auditor of State under Chapter 117 of the Ohio Revised Code or is informed by cost benchmarking.</i>	Project implements a recommendation from an audit or is informed by benchmarking	5		
		Project does not implement a recommendation from an audit and is not informed by benchmarking	0		
			Points		
Economic Impact	<i>Applicant demonstrates the project will a promote business environment (i.e., demonstrates a business relationship resulting from the project) and will provide for community attraction (i.e., cost avoidance with respect to taxes)</i>	Applicant clearly demonstrates economic impact	5		
		Applicant mentions but does not prove economic impact	3		
		Applicant does not demonstrate an economic impact	0		
			Points		
Response to Economic Demand	<i>The project responds to current substantial changes in economic demand for local or regional government services.</i>	Yes	5		
		No	0		
			Points		
Total Section Points					

Section 5: Council Measures			
Council Measures	Description	Criteria	Points Assigned
Council Preference	Council Ranking for Competitive Rounds	The Applicant Does Not Fill Out This Section; This is for the Local Government Innovation Fund Council only. The points for this section is based on the applicant demonstrating innovation or inventiveness with the project	
Total Section Points (10max)			

Scoring Summary			
		Applicant Self Score	Validated Score
Section 1: Financing Measures			
Section 2: Collaborative Measures			
Section 3: Success Measures			
Section 4: Significance Measures			
Total Base Points:			

Reviewer Comments

Tab 5: Supporting Documentation

List of Public Sector Projects Completed by Hosted Technology Exchange, LLC

In the Probability of Success section of Tab 3, this application references a list of 114 projects that HTEEx and/or its predecessor company Telisys has completed with public sector entities, as well as 30 projects specifically that involved broadband discovery; the 30 fiber discovery projects are highlighted in yellow. The total list of 114 projects is included here in Tab 5 and begins with the section labeled “Government.”

Representative Listing of System Projects

		Year	System Type Installed	Multi-Building Converged Network (WAN)	Project-Managed Installation	Number of Phone Stations	SIP/VoIP/TDM	Savings Paid for System Cost	Outside NE Ohio 16-county Area
20	Richard E. Jacobs Group	1999	Siemens	No	Yes	142	TDM	Yes	
21	RJF International, Inc.	2004	Avaya	Yes	Yes	425	TDM	Yes	*
22	Robinson Memorial Hospital	2009/10	Nortel	Yes	Yes	2,856	VoIP	Yes	
23	Robinson Health Center at Streetsboro	2009	Nortel	Yes	Yes	238	VoIP	Yes	
24	Robinson Health Center at Kent	2009	Nortel	Yes	Yes	208	VoIP	Yes	
25	S.B. Stone & Company/UpSearch	2007	ShoreTel	Yes	Yes	27	VoIP	NA	
26	Singer Contract Group	2007	ShoreTel	No	Yes	19	VoIP	Yes	X
27	Snively Development Company	2000	Avaya	No	Yes	28	TDM	Yes	
28	Spartan Tool	2009	ShoreTel	Yes	Yes	32	SIP	Yes	X
29	Stark Enterprises	2008	ShoreTel	Yes	No	56	TDM	Yes	
30	Talan Products	2008	Avaya	No	Yes	24	TDM	No	
31	Visiting Nurse Association-Cleveland	2007	ShoreTel	Yes	Yes	660	VoIP	Yes	
32	Visiting Nurse Association-Mansfield	2007	ShoreTel	Yes	Yes	89	VoIP	Yes	
33	Walter & Haverfield LLP	2208	ShoreTel	No	Yes	157	SIP	Yes	
	Government								
1	City of Avon	2006	Cisco	Yes	Yes	128	VoIP	Yes	
2	City of Avon – New Police Station	2008	Cisco	Yes	Yes	29	VoIP	No	
3	City of Bay Village	2003	InterTel	Yes	Yes	295	VoIP	Yes	
4	City of Brook Park	2004	Toshiba	Yes	Yes	176	VoIP	Yes	

Representative Listing of System Projects

		Year	System Type Installed	Multi-Building Converged Network (WAN)	Project-Managed Installation	Number of Phone Stations	SIP/VoIP TDM	Savings Paid for System Cost	Outside NE Ohio 16-county Area
5	City of Englewood	2004	Toshiba	Yes	Yes	64	TDM	Yes	X
6	City of Huber Heights	2003	NEC	Yes	Yes	350	TDM	Yes	X
7	City of Kent	2002	NEC	Yes	Yes	212	TDM	Yes	
8	City of Middleburg Heights	2008	Cisco	Yes	Yes	185	VoIP	No	
9	City of New Carlisle	RFP		No	No	34	VoIP	Yes	X
10	City of Oakwood	2004	InterTel	Yes	Yes	150	VoIP	Yes	X
11	City of Painesville	2002	NEC	Yes	Yes	295	TDM	Yes	
12	City of Pepper Pike	2008	Cisco	Yes	Yes	125	VoIP	No	
13	City of Toledo	2004	Cisco	Yes	No	1,837	TDM	NA	X
14	City of Trotwood	2004	Toshiba	Yes	Yes	243	TDM	Yes	X
15	City of Troy	RFP	Toshiba	Yes	No	170	TDM	Yes	X
16	City of Warrensville Heights	2003	Cisco	Yes	Yes	89	VoIP	Yes	
17	City of Willard	2009	TBD	Yes	No	130	TDM	NA	X
18	Cleveland Metroparks	2000	Nortel	Yes	Yes	515	TDM	Yes	
19	Cleveland Metroparks – Operations Center	2004	Nortel	Yes	Yes	270	TDM	Yes	
20	Cleveland Metroparks – Strongsville	2008	Nortel	Yes	Yes	41	VoIP	NA	
21	Cleveland Metroparks – Zoo Hospital	2004/05	Nortel	Yes	Yes	65	VoIP	No	
22	Regional Income Tax Agency (RITA)	2008	Avaya	Yes	Yes	205	VoIP	No	*
23	Russell Township	2008	Samsung	Yes	No	81	VoIP	Yes	
24	Village of Chagrin Falls	RFP	Cisco	Yes	Yes	88	VoIP	Yes	

Representative Listing of System Projects

		Year	System Type Installed	Multi-Building Converged Network (WAN)	Project-Managed Installation	Number of Phone Stations	SIP/VoIP/TDM	Savings Paid for System Cost	Outside NE Ohio 16-county Area
	Public Libraries								
1	Cleveland Heights-University Heights Public Library	2007	Avaya	Yes	Yes	102	VoIP	Yes	
2	New Carlisle Public Library	2003	Toshiba	No	Yes	35	TDM	Yes	X
3	Sandusky Library	2003	NEC	No	Yes	55	VoIP	Yes	X
	Education								
1	Auburn Career Center	1999	Siemens	Yes	Yes	84	TDM	Yes	
2	Avon Lake City Schools	2002	Vodavi	Yes	Yes	499	TDM	Yes	
3	Bay Village City Schools	2002	NEC	Yes	Yes	540	TDM	Yes	
4	Beachwood City Schools	2009	TBD	Yes	No	431	TDM	TBD	
5	Berea City Schools	2000	Siemens	Yes	Yes	675	TDM	Yes	
6	Brecksville/Broadview Hts. City Schools	2002	NEC	Yes	Yes	476	VoIP	Yes	
7	Cloverleaf Local Schools	2001	Fujitsu	Yes	Yes	549	TDM	Yes	
8	Copley Fairlawn City Schools	2003	Cisco	Yes	Yes	338	VoIP	Yes	
9	Cuyahoga Falls City Schools	2002	Cisco	Yes	Yes	584	VoIP	NA	
10	Elyria City Schools	RFP	939	Yes	No	939	VoIP	NA	
11	Euclid City Schools	Upgrade '01	Fujitsu	Yes	Yes	765	TDM	NA	
12	Garfield Height City Schools	2001	Fujitsu	Yes	Yes	650	TDM	Yes	
13	Harrison Hills City Schools	2003	NEC	Yes	Yes	348	VoIP	Yes	X

Representative Listing of System Projects

		Year	System Type Installed	Multi-Building Converged Network (WAN)	Project-Managed Installation	Number of Phone Stations	SIP/ VoIP TDM	Savings Paid for System Cost	Outside NE Ohio 16-county Area
14	Hillsdale Local Schools	2003	Toshiba	Yes	Yes	109	VoIP	Yes	X
15	Huber Heights City Schools	2003	NEC	Yes	Yes	520	TDM	Yes	X
16	Kent City Schools	2001	NEC	Yes	Yes	479	TDM	Yes	
17	Kettering City Schools	2004	NEC	Yes	Yes	1,126	VoIP	Yes	X
18	Lake Erie College	2003	NEC	Yes	Yes	535	VoIP	Yes	
19	Lakewood City Schools	1999	Nortel	Yes	Yes	443	TDM	Yes	
20	Massillon City Schools	2006	Cisco	Yes	Yes	288	VoIP	Yes	
21	Mayfield City Schools	2003	NEC	Yes	Yes	602	TDM	Yes	
22	Medina City Schools	2003	Nortel	Yes	Yes	850	VoIP	Yes	X
23	Middletown City Schools	RFP		Yes	No	869	TDM	Yes	X
24	Milton-Union Exempted Village Schools	2003	NEC	Yes	Yes	330	VoIP	Yes	
25	Mogadore Local Schools	2001	Nortel	Yes	Yes	165	TDM	No	
26	New Lebanon Local Schools	2004	Toshiba	Yes	Yes	277	TDM	Yes	X
27	Nordonia Hills City Schools	2000	Nortel	Yes	Yes	565	TDM	Yes	
28	Northmont City Schools	2002	NEC	Yes	Yes	970	TDM	Yes	X
29	Norton City Schools	2002	Cisco	Yes	Yes	207	VoIP	Yes	
30	Oberlin City Schools	RFP		Yes	No	869	TDM	Yes	
31	Olmsted Falls City Schools	2002	NEC	Yes	Yes	540	TDM	Yes	
32	Orange City Schools	2001	Fujitsu	Yes	Yes	753	TDM	Yes	
33	Painesville City Schools	2003	NEC	Yes	Yes	1,008	TDM	Yes	
34	Richmond Heights City	1999	Siemens	Yes	Yes	138	TDM	Yes	

Representative Listing of System Projects

	Year	System Type Installed	Multi-Building Converged Network (WAN)	Project-Managed Installation	Number of Phone Stations	SIP/ VoIP TDM	Savings Paid for System Cost	Outside NE Ohio 16-county Area
		Schools						
35	2003	Rittman Exempted Village Schools	Yes	Yes	370	VoIP	Yes	
36	2004	Rocky River City Schools	Yes	Yes	362	VoIP	Yes	
37	2007	Saint Rita Church/School	Yes	Yes	67	VoIP	Yes	
38	RFP	Sandusky City Schools	Yes	Yes	1,012	VoIP	Yes	X
39	RFP	Shaker Heights City Schools	Yes	No	880	VoIP	Yes	
40	2003	South Euclid/Lyndhurst City Schools	Yes	Yes	650	VoIP	Yes	
41	2001	Stow-Munroe Falls City Schools	Yes	Yes	420	TDM	Yes	
42	2006	Strongsville City Schools	Yes	Yes	1,071	VoIP	Yes	
43	2002	Summit County ESC/NEOnet	No	Yes	71	VoIP	Yes	
44	RFP	Tecumseh Local Schools	Yes	No	375	VoIP	Yes	X
45	2004	Tipp City Exempted Village Schools	Yes	Yes	311	VoIP	Yes	X
46	2004	Troy City Schools	Yes	Yes	439	VoIP	Yes	X
47	2000	Tuscarawas Valley Local Schools	Yes	Yes	780	VoIP	Yes	X
48	Upgrade '01	Twinsburg City Schools	Yes	Yes	485	TDM	Yes	
49	2002	Vandalia-Butler City Schools	Yes	Yes	945	TDM	Yes	X
50	2007	Vermilion Local Schools	Yes	Yes	303	VoIP	Yes	X
51	2004	West Carrollton City Schools	Yes	Yes	460	VoIP	Yes	X

Exhibit 1.2.3

Representative Listing of System Projects

		Year	System Type Installed	Multi-Building Converged Network (WAN)	Project-Managed Installation	Number of Phone Stations	SIP/VoIP/TDM	Savings Paid for System Cost	Outside NE Ohio 16-county Area
52	West Geauga Local School District	2008	Cisco	Yes	No	236	TDM	No	
53	Wilmington City Schools	2006	Toshiba	Yes	Yes	229	VoIP	Yes	X
54	Xenia Community Schools	2004	Toshiba	Yes	Yes	625	VoIP	Yes	X

Fiber Highlighted

X All locations are located outside of Northeast Ohio 16-county area.

* Headquarters located in the Northeast Ohio 16-county area, with facilities served outside of the 16-county area.

Total System/Network Design Projects	—	114
Total System/Network Stations	—	43,992
Total Dollar Value of System/Network Design Projects	—	\$43,078,360
Total System/Network Design Projects Exceeding 500 Stations	—	31
Total Systems with Multi-Building	—	112 (89.5%)
Total System/Network Design Projects—TDM	—	51 (44.7%)
Total System/Network Design Projects—VoIP/SIP	—	63 (55.3%)
Total System/Network Design Projects with Project Managed by Telisys	—	97 (85.1%)
Total System/Network Design Projects with Fiber-based Network	—	32 (28.1%)
Total System/Network Design Projects Fully Funded from Telisys-generated Cost Savings	—	87 (76.3%)



April 2, 2012

Jason Dodson
Summit County
Ohio Building, 8th Floor
175 South Main Street
Akron, Ohio 44308

RE: Application Cure Letter

Dear Jason Dodson:

The Ohio Department of Development (Development) has received and is currently reviewing your application for Round 1 of Local Government Innovation Fund program. During this review Development has determined that additional information is needed for your application. The identified item(s) requiring your attention are listed on the attached page(s). Please respond only to the issues raised. Failure to fully address all the identified items could lead to a competitive score reduction or ineligibility for Round 1 of the Local Government Innovation Fund program. **A written response from the applicant to this completeness review is due to Development no later than 5:00 p.m. on April 30, 2012.** Please send the response in a single email to lgif@development.ohio.gov and include "Cure—Project Name" in the subject line.

While this cure letter represents the additional information needed for Development review, the Local Government Innovation Council continues to reserve the right to request additional information about your application.

Thank you once again for your participation in Local Government Innovation program. Please contact the Office of Redevelopment at lgif@development.ohio.gov or 614-995-2292 if you have further questions regarding your application or the information requested in this letter.

Sincerely,

Thea J. Walsh, AICP
Deputy Chief, Office of Redevelopment
Ohio Department of Development

Local Government Innovation Fund Completeness Review

Applicant: Summit County
Project Name: Shared County Broadband Initiative
Request Type: Grant

Issues for Response

1. Population Information and Documentation

Please provide documentation supporting population information provided using the 2010 U.S. Census. To access census information, you may visit the following website

<http://factfinder2.census.gov/faces/nav/jsf/pages/index.xhtml>.

TO: Ohio Department of Development
Attention: Local Government Innovation Fund (LGIF) team

FROM: David J. Akers, Sourcing Office
On behalf of Jason Dodson, Chief of Staff, Summit County Executive Russell M. Pry

DATE: April 29, 2012

RE: Cure – Summit County Shared Broadband Initiative

In regard to the Application Cure Letter dated April 2, 2012 and sent to Jason Dodson at the County of Summit, please find herein the requested cure to the Summit County Shared Broadband Initiative LGIF grant application.

Specifically, this document contains formal documentation from the U.S. Census Bureau supporting population information provided in the grant application using 2010 U.S. Census data. The information provided herein corresponds with each party to the application as follows:

- **Lead applicant County of Summit:** Summit County population data;
- **Collaborative partner Akron General Health System:** City of Akron population data (in which Akron General is headquartered), and population data for Summit County (already provided for County of Summit) and the counties of Medina, Portage, Stark, and Wayne, all five counties which are served by Akron General Health System;
- **Collaborative partner Bath Township:** Bath Township population data;
- **Collaborative partner City of Fairlawn:** City of Fairlawn population data;
- **Collaborative partner City of Hudson:** City of Hudson population data;
- **Collaborative partner City of Stow:** City of Stow population data;
- **Collaborative partner City of Tallmadge:** City of Tallmadge population data
- **Collaborative partner City of Twinsburg:** City of Twinsburg population data
- **Collaborative partner Copley Township:** Copley Township population data
- **Collaborative partner Sourcing Office:** City of Garfield Heights (in Cuyahoga County) population data (in which Sourcing Office is headquartered);
- **Collaborative partner University of Akron:** please refer to City of Akron population data already provided (in which University of Akron is headquartered);
- **Collaborative partner Village of Mogadore:** Village of Mogadore population data; and,
- **Collaborative partner Hosted Technology Exchange, LLC:** please see City of Hudson population data already provided (in which Hosted Technology Exchange, LLC is headquartered).

Thank you for alerting us to the need to provide a cure and for considering the Summit County Shared Broadband Initiative LGIF request.



State & County QuickFacts

Summit County, Ohio

People QuickFacts	Summit County	Ohio
Population, 2011 estimate	NA	11,544,951
Population, 2010	541,781	11,536,504
Population, percent change, 2000 to 2010	-0.2%	1.6%
Population, 2000	542,899	11,353,140
Persons under 5 years, percent, 2010	5.8%	6.2%
Persons under 18 years, percent, 2010	22.8%	23.7%
Persons 65 years and over, percent, 2010	14.6%	14.1%
Female persons, percent, 2010	51.6%	51.2%
White persons, percent, 2010 (a)	80.6%	82.7%
Black persons, percent, 2010 (a)	14.4%	12.2%
American Indian and Alaska Native persons, percent, 2010 (a)	0.2%	0.2%
Asian persons, percent, 2010 (a)	2.2%	1.7%
Native Hawaiian and Other Pacific Islander, percent, 2010 (a)	Z	Z
Persons reporting two or more races, percent, 2010	2.1%	2.1%
Persons of Hispanic or Latino origin, percent, 2010 (b)	1.6%	3.1%
White persons not Hispanic, percent, 2010	79.7%	81.1%
Living in same house 1 year & over, 2006-2010	89.2%	85.0%
Foreign born persons, percent, 2006-2010	4.2%	3.8%
Language other than English spoken at home, pct age 5+, 2006-2010	5.7%	6.3%
High school graduates, percent of persons age 25+, 2006-2010	89.5%	87.4%
Bachelor's degree or higher, pct of persons age 25+, 2006-2010	29.2%	24.1%
Veterans, 2006-2010	44,511	936,383
Mean travel time to work (minutes), workers age 16+, 2006-2010	22.4	22.7
Housing units, 2010	245,109	5,127,508
Homeownership rate, 2006-2010	69.5%	69.2%
Housing units in multi-unit structures, percent, 2006-2010	22.5%	23.0%
Median value of owner-occupied housing units, 2006-2010	\$141,200	\$136,400
Households, 2006-2010	223,122	4,552,270
Persons per household, 2006-2010	2.40	2.46
Per capita money income in past 12 months (2010 dollars) 2006-2010	\$26,676	\$25,113
Median household income 2006-2010	\$47,926	\$47,358
Persons below poverty level, percent, 2006-2010	13.8%	14.2%
Business QuickFacts	Summit County	Ohio
Private nonfarm establishments, 2009	13,886	256,551 ¹
Private nonfarm employment, 2009	235,718	4,460,553 ¹

Private nonfarm employment, percent change 2000-2009	-7.7%	-10.8% ¹
Nonemployer establishments, 2009	34,370	697,000
Total number of firms, 2007	46,459	897,939
Black-owned firms, percent, 2007	6.4%	5.8%
American Indian- and Alaska Native-owned firms, percent, 2007	0.2%	0.3%
Asian-owned firms, percent, 2007	2.0%	2.0%
Native Hawaiian and Other Pacific Islander-owned firms, percent, 2007	F	S
Hispanic-owned firms, percent, 2007	0.6%	1.1%
Women-owned firms, percent, 2007	25.4%	27.7%
Manufacturers shipments, 2007 (\$1000)	9,275,476	295,890,890
Merchant wholesaler sales, 2007 (\$1000)	7,063,487	135,575,279
Retail sales, 2007 (\$1000)	7,384,206	138,816,008
Retail sales per capita, 2007	\$13,558	\$12,049
Accommodation and food services sales, 2007 (\$1000)	885,042	17,779,905
Building permits, 2010	561	13,710
Federal spending, 2009	4,134,336	105,173,413 ¹
Geography QuickFacts	Summit County	Ohio
Land area in square miles, 2010	412.75	40,860.69
Persons per square mile, 2010	1,312.6	282.3
FIPS Code	153	39
Metropolitan or Micropolitan Statistical Area	Akron, OH Metro Area	

1: Includes data not distributed by county.

Population estimates for counties will be available in April, 2012 and for cities in June, 2012.

(a) Includes persons reporting only one race.

(b) Hispanics may be of any race, so also are included in applicable race categories.

D: Suppressed to avoid disclosure of confidential information

F: Fewer than 100 firms

FN: Footnote on this item for this area in place of data

NA: Not available

S: Suppressed; does not meet publication standards

X: Not applicable

Z: Value greater than zero but less than half unit of measure shown

Source U.S. Census Bureau: State and County QuickFacts. Data derived from Population Estimates, American Community Survey, Census of Population and Housing, State and County Housing Unit Estimates, County Business Patterns, Nonemployer Statistics, Economic Census, Survey of Business Owners, Building Permits, Consolidated Federal Funds Report
Last Revised: Tuesday, 31-Jan-2012 16:56:02 EST



State & County QuickFacts

Akron (city), Ohio

People QuickFacts	Akron	Ohio
Population, 2011 estimate	NA	11,544,951
Population, 2010	199,110	11,536,504
Population, percent change, 2000 to 2010	-8.3%	1.6%
Population, 2000	217,074	11,353,140
Persons under 5 years, percent, 2010	6.7%	6.2%
Persons under 18 years, percent, 2010	22.9%	23.7%
Persons 65 years and over, percent, 2010	12.6%	14.1%
Female persons, percent, 2010	51.7%	51.2%
White persons, percent, 2010 (a)	62.2%	82.7%
Black persons, percent, 2010 (a)	31.5%	12.2%
American Indian and Alaska Native persons, percent, 2010 (a)	0.2%	0.2%
Asian persons, percent, 2010 (a)	2.1%	1.7%
Native Hawaiian and Other Pacific Islander, percent, 2010 (a)	Z	0.0%
Persons reporting two or more races, percent, 2010	3.2%	2.1%
Persons of Hispanic or Latino origin, percent, 2010 (b)	2.1%	3.1%
White persons not Hispanic, percent, 2010	61.2%	81.1%
Living in same house 1 year & over, 2006-2010	84.7%	85.0%
Foreign born persons, percent, 2006-2010	4.4%	3.8%
Language other than English spoken at home, pct age 5+, 2006-2010	6.2%	6.3%
High school graduates, percent of persons age 25+, 2006-2010	84.5%	87.4%
Bachelor's degree or higher, pct of persons age 25+, 2006-2010	20.1%	24.1%
Mean travel time to work (minutes), workers age 16+, 2006-2010	21.0	22.7
Housing units, 2010	96,288	5,127,508
Homeownership rate, 2006-2010	56.6%	69.2%
Housing units in multi-unit structures, percent, 2006-2010	29.3%	23.0%
Median value of owner-occupied housing units, 2006-2010	\$91,800	\$136,400
Households, 2006-2010	86,035	4,552,270
Persons per household, 2006-2010	2.31	2.46
Per capita money income in past 12 months (2010 dollars) 2006-2010	\$19,664	\$25,113
Median household income 2006-2010	\$34,359	\$47,358
Persons below poverty level, percent, 2006-2010	23.9%	14.2%
Business QuickFacts	Akron	Ohio
Total number of firms, 2007	14,308	897,939
Black-owned firms, percent, 2007	15.2%	5.8%
American Indian- and Alaska Native-owned firms, percent, 2007	S	0.3%

Asian-owned firms, percent, 2007	1.6%	2.0%
Native Hawaiian and Other Pacific Islander-owned firms, percent, 2007	F	S
Hispanic-owned firms, percent, 2007	S	1.1%
Women-owned firms, percent, 2007	28.7%	27.7%
Manufacturers shipments, 2007 (\$1000)	2,379,761	295,890,890
Merchant wholesaler sales, 2007 (\$1000)	1,540,291	135,575,279
Retail sales, 2007 (\$1000)	1,720,192	138,816,008
Retail sales per capita, 2007	\$8,235	\$12,049
Accommodation and food services sales, 2007 (\$1000)	247,782	17,779,905

Geography QuickFacts	Akron	Ohio
Land area in square miles, 2010	62.03	40,860.69
Persons per square mile, 2010	3,209.7	282.3
FIPS Code	01000	39
Counties		

Population estimates for counties will be available in April, 2012 and for cities in June, 2012.

(a) Includes persons reporting only one race.

(b) Hispanics may be of any race, so also are included in applicable race categories.

D: Suppressed to avoid disclosure of confidential information

F: Fewer than 100 firms

FN: Footnote on this item for this area in place of data

NA: Not available

S: Suppressed; does not meet publication standards

X: Not applicable

Z: Value greater than zero but less than half unit of measure shown

Source U.S. Census Bureau: State and County QuickFacts. Data derived from Population Estimates, American Community Survey, Census of Population and Housing, County Business Patterns, Economic Census, Survey of Business Owners, Building Permits, Consolidated Federal Funds Report, Census of Governments

Last Revised: Tuesday, 31-Jan-2012 17:22:30 EST



State & County QuickFacts

Medina County, Ohio

People QuickFacts	Medina County	Ohio
Population, 2011 estimate	NA	11,544,951
Population, 2010	172,332	11,536,504
Population, percent change, 2000 to 2010	14.1%	1.6%
Population, 2000	151,095	11,353,140
Persons under 5 years, percent, 2010	6.0%	6.2%
Persons under 18 years, percent, 2010	25.4%	23.7%
Persons 65 years and over, percent, 2010	13.1%	14.1%
Female persons, percent, 2010	50.7%	51.2%
White persons, percent, 2010 (a)	96.1%	82.7%
Black persons, percent, 2010 (a)	1.2%	12.2%
American Indian and Alaska Native persons, percent, 2010 (a)	0.1%	0.2%
Asian persons, percent, 2010 (a)	1.0%	1.7%
Native Hawaiian and Other Pacific Islander, percent, 2010 (a)	Z	Z
Persons reporting two or more races, percent, 2010	1.2%	2.1%
Persons of Hispanic or Latino origin, percent, 2010 (b)	1.6%	3.1%
White persons not Hispanic, percent, 2010	95.0%	81.1%
Living in same house 1 year & over, 2006-2010	89.6%	85.0%
Foreign born persons, percent, 2006-2010	3.2%	3.8%
Language other than English spoken at home, pct age 5+, 2006-2010	5.0%	6.3%
High school graduates, percent of persons age 25+, 2006-2010	92.5%	87.4%
Bachelor's degree or higher, pct of persons age 25+, 2006-2010	29.5%	24.1%
Veterans, 2006-2010	13,999	936,383
Mean travel time to work (minutes), workers age 16+, 2006-2010	27.3	22.7
Housing units, 2010	69,181	5,127,508
Homeownership rate, 2006-2010	81.8%	69.2%
Housing units in multi-unit structures, percent, 2006-2010	13.4%	23.0%
Median value of owner-occupied housing units, 2006-2010	\$184,900	\$136,400
Households, 2006-2010	64,202	4,552,270
Persons per household, 2006-2010	2.63	2.46
Per capita money income in past 12 months (2010 dollars) 2006-2010	\$29,986	\$25,113
Median household income 2006-2010	\$66,193	\$47,358
Persons below poverty level, percent, 2006-2010	6.3%	14.2%
Business QuickFacts	Medina County	Ohio
Private nonfarm establishments, 2009	3,988	256,551 ¹
Private nonfarm employment, 2009	50,687	4,460,553 ¹

Private nonfarm employment, percent change 2000-2009	-4.8%	-10.8% ¹
Nonemployer establishments, 2009	11,939	697,000
Total number of firms, 2007	15,488	897,939
Black-owned firms, percent, 2007	0.5%	5.8%
American Indian- and Alaska Native-owned firms, percent, 2007	F	0.3%
Asian-owned firms, percent, 2007	S	2.0%
Native Hawaiian and Other Pacific Islander-owned firms, percent, 2007	F	S
Hispanic-owned firms, percent, 2007	S	1.1%
Women-owned firms, percent, 2007	25.0%	27.7%
Manufacturers shipments, 2007 (\$1000)	2,558,826	295,890,890
Merchant wholesaler sales, 2007 (\$1000)	1,303,378	135,575,279
Retail sales, 2007 (\$1000)	2,113,387	138,816,008
Retail sales per capita, 2007	\$12,439	\$12,049
Accommodation and food services sales, 2007 (\$1000)	186,094	17,779,905
Building permits, 2010	423	13,710
Federal spending, 2009	762,402	105,173,413 ¹
Geography QuickFacts	Medina County	Ohio
Land area in square miles, 2010	421.36	40,860.69
Persons per square mile, 2010	409.0	282.3
FIPS Code	103	39
Metropolitan or Micropolitan Statistical Area	Cleveland-Elyria-Mentor, OH Metro Area	

1: Includes data not distributed by county.

Population estimates for counties will be available in April, 2012 and for cities in June, 2012.

(a) Includes persons reporting only one race.

(b) Hispanics may be of any race, so also are included in applicable race categories.

D: Suppressed to avoid disclosure of confidential information

F: Fewer than 100 firms

FN: Footnote on this item for this area in place of data

NA: Not available

S: Suppressed; does not meet publication standards

X: Not applicable

Z: Value greater than zero but less than half unit of measure shown

Source U.S. Census Bureau: State and County QuickFacts. Data derived from Population Estimates, American Community Survey, Census of Population and Housing, State and County Housing Unit Estimates, County Business Patterns, Nonemployer Statistics, Economic Census, Survey of Business Owners, Building Permits, Consolidated Federal Funds Report

Last Revised: Tuesday, 31-Jan-2012 16:55:56 EST



State & County QuickFacts

Portage County, Ohio

People QuickFacts	Portage County	Ohio
Population, 2011 estimate	NA	11,544,951
Population, 2010	161,419	11,536,504
Population, percent change, 2000 to 2010	6.2%	1.6%
Population, 2000	152,061	11,353,140
Persons under 5 years, percent, 2010	5.1%	6.2%
Persons under 18 years, percent, 2010	20.9%	23.7%
Persons 65 years and over, percent, 2010	12.9%	14.1%
Female persons, percent, 2010	51.2%	51.2%
White persons, percent, 2010 (a)	92.3%	82.7%
Black persons, percent, 2010 (a)	4.1%	12.2%
American Indian and Alaska Native persons, percent, 2010 (a)	0.2%	0.2%
Asian persons, percent, 2010 (a)	1.4%	1.7%
Native Hawaiian and Other Pacific Islander, percent, 2010 (a)	Z	Z
Persons reporting two or more races, percent, 2010	1.7%	2.1%
Persons of Hispanic or Latino origin, percent, 2010 (b)	1.3%	3.1%
White persons not Hispanic, percent, 2010	91.4%	81.1%
Living in same house 1 year & over, 2006-2010	82.1%	85.0%
Foreign born persons, percent, 2006-2010	2.7%	3.8%
Language other than English spoken at home, pct age 5+, 2006-2010	4.0%	6.3%
High school graduates, percent of persons age 25+, 2006-2010	90.4%	87.4%
Bachelor's degree or higher, pct of persons age 25+, 2006-2010	24.9%	24.1%
Veterans, 2006-2010	12,507	936,383
Mean travel time to work (minutes), workers age 16+, 2006-2010	24.2	22.7
Housing units, 2010	67,472	5,127,508
Homeownership rate, 2006-2010	69.1%	69.2%
Housing units in multi-unit structures, percent, 2006-2010	22.1%	23.0%
Median value of owner-occupied housing units, 2006-2010	\$157,100	\$136,400
Households, 2006-2010	61,819	4,552,270
Persons per household, 2006-2010	2.46	2.46
Per capita money income in past 12 months (2010 dollars) 2006-2010	\$25,097	\$25,113
Median household income 2006-2010	\$50,447	\$47,358
Persons below poverty level, percent, 2006-2010	13.5%	14.2%
Business QuickFacts	Portage County	Ohio
Private nonfarm establishments, 2009	2,970	256,551 ¹
Private nonfarm employment, 2009	41,425	4,460,553 ¹

Private nonfarm employment, percent change 2000-2009	-11.4%	-10.8% ¹
Nonemployer establishments, 2009	9,525	697,000
Total number of firms, 2007	12,671	897,939
Black-owned firms, percent, 2007	1.1%	5.8%
American Indian- and Alaska Native-owned firms, percent, 2007	S	0.3%
Asian-owned firms, percent, 2007	1.4%	2.0%
Native Hawaiian and Other Pacific Islander-owned firms, percent, 2007	F	S
Hispanic-owned firms, percent, 2007	S	1.1%
Women-owned firms, percent, 2007	22.5%	27.7%
Manufacturers shipments, 2007 (\$1000)	2,969,628	295,890,890
Merchant wholesaler sales, 2007 (\$1000)	1,875,503	135,575,279
Retail sales, 2007 (\$1000)	1,657,377	138,816,008
Retail sales per capita, 2007	\$10,630	\$12,049
Accommodation and food services sales, 2007 (\$1000)	187,682	17,779,905
Building permits, 2010	175	13,710
Federal spending, 2009	878,120	105,173,413 ¹
	Portage County	Ohio
Geography QuickFacts		
Land area in square miles, 2010	487.38	40,860.69
Persons per square mile, 2010	331.2	282.3
FIPS Code	133	39
Metropolitan or Micropolitan Statistical Area	Akron, OH Metro Area	

1: Includes data not distributed by county.

Population estimates for counties will be available in April, 2012 and for cities in June, 2012.

(a) Includes persons reporting only one race.

(b) Hispanics may be of any race, so also are included in applicable race categories.

D: Suppressed to avoid disclosure of confidential information

F: Fewer than 100 firms

FN: Footnote on this item for this area in place of data

NA: Not available

S: Suppressed; does not meet publication standards

X: Not applicable

Z: Value greater than zero but less than half unit of measure shown

Source U.S. Census Bureau: State and County QuickFacts. Data derived from Population Estimates, American Community Survey, Census of Population and Housing, State and County Housing Unit Estimates, County Business Patterns, Nonemployer Statistics, Economic Census, Survey of Business Owners, Building Permits, Consolidated Federal Funds Report
Last Revised: Tuesday, 31-Jan-2012 16:55:59 EST



State & County QuickFacts

Stark County, Ohio

People QuickFacts	Stark County	Ohio
Population, 2011 estimate	NA	11,544,951
Population, 2010	375,586	11,536,504
Population, percent change, 2000 to 2010	-0.7%	1.6%
Population, 2000	378,098	11,353,140
Persons under 5 years, percent, 2010	5.8%	6.2%
Persons under 18 years, percent, 2010	22.9%	23.7%
Persons 65 years and over, percent, 2010	16.2%	14.1%
Female persons, percent, 2010	51.6%	51.2%
White persons, percent, 2010 (a)	88.7%	82.7%
Black persons, percent, 2010 (a)	7.6%	12.2%
American Indian and Alaska Native persons, percent, 2010 (a)	0.3%	0.2%
Asian persons, percent, 2010 (a)	0.7%	1.7%
Native Hawaiian and Other Pacific Islander, percent, 2010 (a)	Z	Z
Persons reporting two or more races, percent, 2010	2.2%	2.1%
Persons of Hispanic or Latino origin, percent, 2010 (b)	1.6%	3.1%
White persons not Hispanic, percent, 2010	87.7%	81.1%
Living in same house 1 year & over, 2006-2010	86.6%	85.0%
Foreign born persons, percent, 2006-2010	2.0%	3.8%
Language other than English spoken at home, pct age 5+, 2006-2010	3.6%	6.3%
High school graduates, percent of persons age 25+, 2006-2010	87.8%	87.4%
Bachelor's degree or higher, pct of persons age 25+, 2006-2010	20.4%	24.1%
Veterans, 2006-2010	33,877	936,383
Mean travel time to work (minutes), workers age 16+, 2006-2010	21.2	22.7
Housing units, 2010	165,215	5,127,508
Homeownership rate, 2006-2010	71.0%	69.2%
Housing units in multi-unit structures, percent, 2006-2010	18.5%	23.0%
Median value of owner-occupied housing units, 2006-2010	\$128,000	\$136,400
Households, 2006-2010	150,921	4,552,270
Persons per household, 2006-2010	2.43	2.46
Per capita money income in past 12 months (2010 dollars) 2006-2010	\$24,015	\$25,113
Median household income 2006-2010	\$44,941	\$47,358
Persons below poverty level, percent, 2006-2010	12.7%	14.2%
Business QuickFacts	Stark County	Ohio
Private nonfarm establishments, 2009	8,544	256,551 ¹
Private nonfarm employment, 2009	136,726	4,460,553 ¹

Private nonfarm employment, percent change 2000-2009	-16.9%	-10.8% ¹
Nonemployer establishments, 2009	22,164	697,000
Total number of firms, 2007	29,479	897,939
Black-owned firms, percent, 2007	3.5%	5.8%
American Indian- and Alaska Native-owned firms, percent, 2007	S	0.3%
Asian-owned firms, percent, 2007	1.2%	2.0%
Native Hawaiian and Other Pacific Islander-owned firms, percent, 2007	F	S
Hispanic-owned firms, percent, 2007	0.5%	1.1%
Women-owned firms, percent, 2007	27.4%	27.7%
Manufacturers shipments, 2007 (\$1000)	10,387,443	295,890,890
Merchant wholesaler sales, 2007 (\$1000)	2,630,637	135,575,279
Retail sales, 2007 (\$1000)	4,963,666	138,816,008
Retail sales per capita, 2007	\$13,068	\$12,049
Accommodation and food services sales, 2007 (\$1000)	517,952	17,779,905
Building permits, 2010	449	13,710
Federal spending, 2009	2,729,124	105,173,413 ¹

Geography QuickFacts	Stark County	Ohio
Land area in square miles, 2010	575.27	40,860.69
Persons per square mile, 2010	652.9	282.3
FIPS Code	151	39
Metropolitan or Micropolitan Statistical Area	Canton-Massillon, OH Metro Area	

1: Includes data not distributed by county.

Population estimates for counties will be available in April, 2012 and for cities in June, 2012.

(a) Includes persons reporting only one race.

(b) Hispanics may be of any race, so also are included in applicable race categories.

D: Suppressed to avoid disclosure of confidential information

F: Fewer than 100 firms

FN: Footnote on this item for this area in place of data

NA: Not available

S: Suppressed; does not meet publication standards

X: Not applicable

Z: Value greater than zero but less than half unit of measure shown

Source U.S. Census Bureau: State and County QuickFacts. Data derived from Population Estimates, American Community Survey, Census of Population and Housing, State and County Housing Unit Estimates, County Business Patterns, Nonemployer Statistics, Economic Census, Survey of Business Owners, Building Permits, Consolidated Federal Funds Report

Last Revised: Tuesday, 31-Jan-2012 16:56:02 EST



State & County QuickFacts

Wayne County, Ohio

People QuickFacts	Wayne County	Ohio
Population, 2011 estimate	NA	11,544,951
Population, 2010	114,520	11,536,504
Population, percent change, 2000 to 2010	2.6%	1.6%
Population, 2000	111,564	11,353,140
Persons under 5 years, percent, 2010	6.8%	6.2%
Persons under 18 years, percent, 2010	25.4%	23.7%
Persons 65 years and over, percent, 2010	14.6%	14.1%
Female persons, percent, 2010	50.6%	51.2%
White persons, percent, 2010 (a)	95.7%	82.7%
Black persons, percent, 2010 (a)	1.5%	12.2%
American Indian and Alaska Native persons, percent, 2010 (a)	0.2%	0.2%
Asian persons, percent, 2010 (a)	0.8%	1.7%
Native Hawaiian and Other Pacific Islander, percent, 2010 (a)	Z	Z
Persons reporting two or more races, percent, 2010	1.4%	2.1%
Persons of Hispanic or Latino origin, percent, 2010 (b)	1.6%	3.1%
White persons not Hispanic, percent, 2010	94.7%	81.1%
Living in same house 1 year & over, 2006-2010	88.5%	85.0%
Foreign born persons, percent, 2006-2010	1.6%	3.8%
Language other than English spoken at home, pct age 5+, 2006-2010	10.2%	6.3%
High school graduates, percent of persons age 25+, 2006-2010	84.7%	87.4%
Bachelor's degree or higher, pct of persons age 25+, 2006-2010	19.1%	24.1%
Veterans, 2006-2010	8,616	936,383
Mean travel time to work (minutes), workers age 16+, 2006-2010	19.8	22.7
Housing units, 2010	45,847	5,127,508
Homeownership rate, 2006-2010	75.7%	69.2%
Housing units in multi-unit structures, percent, 2006-2010	16.1%	23.0%
Median value of owner-occupied housing units, 2006-2010	\$136,800	\$136,400
Households, 2006-2010	42,395	4,552,270
Persons per household, 2006-2010	2.64	2.46
Per capita money income in past 12 months (2010 dollars) 2006-2010	\$22,645	\$25,113
Median household income 2006-2010	\$48,375	\$47,358
Persons below poverty level, percent, 2006-2010	9.9%	14.2%
Business QuickFacts	Wayne County	Ohio
Private nonfarm establishments, 2009	2,448	256,551 ¹
Private nonfarm employment, 2009	36,687	4,460,553 ¹

Private nonfarm employment, percent change 2000-2009	-16.4%	-10.8% ¹
Nonemployer establishments, 2009	7,940	697,000
Total number of firms, 2007	10,069	897,939
Black-owned firms, percent, 2007	0.8%	5.8%
American Indian- and Alaska Native-owned firms, percent, 2007	S	0.3%
Asian-owned firms, percent, 2007	1.2%	2.0%
Native Hawaiian and Other Pacific Islander-owned firms, percent, 2007	F	S
Hispanic-owned firms, percent, 2007	S	1.1%
Women-owned firms, percent, 2007	21.3%	27.7%
Manufacturers shipments, 2007 (\$1000)	2,896,455	295,890,890
Merchant wholesaler sales, 2007 (\$1000)	D	135,575,279
Retail sales, 2007 (\$1000)	1,110,221	138,816,008
Retail sales per capita, 2007	\$9,760	\$12,049
Accommodation and food services sales, 2007 (\$1000)	111,046	17,779,905
Building permits, 2010	132	13,710
Federal spending, 2009	696,533	105,173,413 ¹

Geography QuickFacts	Wayne County	Ohio
Land area in square miles, 2010	554.93	40,860.69
Persons per square mile, 2010	206.4	282.3
FIPS Code	169	39
Metropolitan or Micropolitan Statistical Area	Wooster, OH Micro Area	

1: Includes data not distributed by county.

Population estimates for counties will be available in April, 2012 and for cities in June, 2012.

(a) Includes persons reporting only one race.

(b) Hispanics may be of any race, so also are included in applicable race categories.

D: Suppressed to avoid disclosure of confidential information

F: Fewer than 100 firms

FN: Footnote on this item for this area in place of data

NA: Not available

S: Suppressed; does not meet publication standards

X: Not applicable

Z: Value greater than zero but less than half unit of measure shown

Source U.S. Census Bureau: State and County QuickFacts. Data derived from Population Estimates, American Community Survey, Census of Population and Housing, State and County Housing Unit Estimates, County Business Patterns, Nonemployer Statistics, Economic Census, Survey of Business Owners, Building Permits, Consolidated Federal Funds Report
Last Revised: Tuesday, 31-Jan-2012 16:56:04 EST



AMERICAN
FactFinder



DP-1

**Profile of General Population and Housing Characteristics: 2010
2010 Demographic Profile Data**

NOTE: For more information on confidentiality protection, nonsampling error, and definitions, see <http://www.census.gov/prod/cen2010/doc/dpsf.pdf>.

Geography:

	Subject	Number	Percent
1	SEX AND AGE		
186	Total population	9,702	100.0
186	Under 5 years	377	3.9
	5 to 9 years	646	6.7
	10 to 14 years	735	7.6
	15 to 19 years	722	7.4
	20 to 24 years	278	2.9
	25 to 29 years	252	2.6
	30 to 34 years	253	2.6
	35 to 39 years	466	4.8
	40 to 44 years	658	6.8
	45 to 49 years	814	8.4
	50 to 54 years	986	10.2
	55 to 59 years	956	9.9
	60 to 64 years	811	8.4
	65 to 69 years	536	5.5
	70 to 74 years	376	3.9
	75 to 79 years	345	3.6
	80 to 84 years	259	2.7
	85 years and over	232	2.4
	Median age (years)	48.0	(X)
	16 years and over	7,786	80.3
	18 years and over	7,436	76.6
	21 years and over	7,168	73.9
	62 years and over	2,225	22.9
	65 years and over	1,748	18.0
	Male population	4,850	50.0
	Under 5 years	188	1.9
	5 to 9 years	331	3.4
	10 to 14 years	398	4.1
	15 to 19 years	386	4.0
	20 to 24 years	141	1.5
	25 to 29 years	135	1.4
	30 to 34 years	109	1.1
	35 to 39 years	223	2.3
	40 to 44 years	312	3.2
	45 to 49 years	373	3.8
	50 to 54 years	494	5.1
	55 to 59 years	478	4.9
	60 to 64 years	422	4.3
	65 to 69 years	280	2.9
	70 to 74 years	194	2.0
	75 to 79 years	159	1.6
	80 to 84 years	132	1.4
	85 years and over	95	1.0
	Median age (years)	48.0	(X)
	16 years and over	3,850	39.7
	18 years and over	3,670	37.8
	21 years and over	3,519	36.3
	62 years and over	1,101	11.3
	65 years and over	860	8.9
	Female population	4,852	50.0
	Under 5 years	189	1.9
	5 to 9 years	315	3.2
	10 to 14 years	337	3.5
	15 to 19 years	336	3.5
	20 to 24 years	137	1.4
	25 to 29 years	117	1.2

Subject	Number	Percent
30 to 34 years	144	1.5
35 to 39 years	243	2.5
40 to 44 years	346	3.6
45 to 49 years	441	4.5
50 to 54 years	492	5.1
55 to 59 years	478	4.9
60 to 64 years	389	4.0
65 to 69 years	256	2.6
70 to 74 years	182	1.9
75 to 79 years	186	1.9
80 to 84 years	127	1.3
85 years and over	137	1.4
Median age (years)	48.0	(X)
16 years and over	3,936	40.6
18 years and over	3,766	38.8
21 years and over	3,649	37.6
62 years and over	1,124	11.6
65 years and over	888	9.2
RACE		
Total population	9,702	100.0
One Race	9,572	98.7
White	9,125	94.1
Black or African American	178	1.8
American Indian and Alaska Native	7	0.1
Asian	239	2.5
Asian Indian	91	0.9
Chinese	72	0.7
Filipino	4	0.0
Japanese	6	0.1
Korean	36	0.4
Vietnamese	4	0.0
Other Asian [1]	26	0.3
Native Hawaiian and Other Pacific Islander	4	0.0
Native Hawaiian	1	0.0
Guamanian or Chamorro	3	0.0
Samoan	0	0.0
Other Pacific Islander [2]	0	0.0
Some Other Race	19	0.2
Two or More Races	130	1.3
White; American Indian and Alaska Native [3]	18	0.2
White; Asian [3]	57	0.6
White; Black or African American [3]	36	0.4
White; Some Other Race [3]	2	0.0
Race alone or in combination with one or more other races: [4]		
White	9,252	95.4
Black or African American	226	2.3
American Indian and Alaska Native	34	0.4
Asian	302	3.1
Native Hawaiian and Other Pacific Islander	6	0.1
Some Other Race	26	0.3
HISPANIC OR LATINO		
Total population	9,702	100.0
Hispanic or Latino (of any race)	118	1.2
Mexican	44	0.5
Puerto Rican	20	0.2
Cuban	4	0.0
Other Hispanic or Latino [5]	50	0.5
Not Hispanic or Latino	9,584	98.8
HISPANIC OR LATINO AND RACE		
Total population	9,702	100.0
Hispanic or Latino	118	1.2
White alone	92	0.9
Black or African American alone	1	0.0
American Indian and Alaska Native alone	0	0.0
Asian alone	0	0.0
Native Hawaiian and Other Pacific Islander alone	1	0.0
Some Other Race alone	14	0.1
Two or More Races	10	0.1
Not Hispanic or Latino	9,584	98.8
White alone	9,033	93.1
Black or African American alone	177	1.8
American Indian and Alaska Native alone	7	0.1
Asian alone	239	2.5

Subject	Number	Percent
Native Hawaiian and Other Pacific Islander alone	3	0.0
Some Other Race alone	5	0.1
Two or More Races	120	1.2
RELATIONSHIP		
Total population	9,702	100.0
In households	9,698	100.0
Householder	3,726	38.4
Spouse [6]	2,652	27.3
Child	2,881	29.7
Own child under 18 years	2,202	22.7
Other relatives	205	2.1
Under 18 years	49	0.5
65 years and over	67	0.7
Nonrelatives	234	2.4
Under 18 years	15	0.2
65 years and over	27	0.3
Unmarried partner	130	1.3
In group quarters	4	0.0
Institutionalized population	0	0.0
Male	0	0.0
Female	0	0.0
Noninstitutionalized population	4	0.0
Male	4	0.0
Female	0	0.0
HOUSEHOLDS BY TYPE		
Total households	3,726	100.0
Family households (families) [7]	2,925	78.5
With own children under 18 years	1,119	30.0
Husband-wife family	2,652	71.2
With own children under 18 years	986	26.5
Male householder, no wife present	91	2.4
With own children under 18 years	46	1.2
Female householder, no husband present	182	4.9
With own children under 18 years	87	2.3
Nonfamily households [7]	801	21.5
Householder living alone	675	18.1
Male	301	8.1
65 years and over	122	3.3
Female	374	10.0
65 years and over	236	6.3
Households with individuals under 18 years	1,155	31.0
Households with individuals 65 years and over	1,202	32.3
Average household size	2.60	(X)
Average family size [7]	2.96	(X)
HOUSING OCCUPANCY		
Total housing units	3,974	100.0
Occupied housing units	3,726	93.8
Vacant housing units	248	6.2
For rent	26	0.7
Rented, not occupied	0	0.0
For sale only	62	1.6
Sold, not occupied	16	0.4
For seasonal, recreational, or occasional use	57	1.4
All other vacants	87	2.2
Homeowner vacancy rate (percent) [8]	1.8	(X)
Rental vacancy rate (percent) [9]	8.6	(X)
HOUSING TENURE		
Occupied housing units	3,726	100.0
Owner-occupied housing units	3,449	92.6
Population in owner-occupied housing units	9,085	(X)
Average household size of owner-occupied units	2.63	(X)
Renter-occupied housing units	277	7.4
Population in renter-occupied housing units	613	(X)
Average household size of renter-occupied units	2.21	(X)

X Not applicable.

[1] Other Asian alone, or two or more Asian categories.

[2] Other Pacific Islander alone, or two or more Native Hawaiian and Other Pacific Islander categories.

[3] One of the four most commonly reported multiple-race combinations nationwide in Census 2000.

[4] In combination with one or more of the other races listed. The six numbers may add to more than the total

population, and the six percentages may add to more than 100 percent because individuals may report more than one race.

[5] This category is composed of people whose origins are from the Dominican Republic, Spain, and Spanish-speaking Central or South American countries. It also includes general origin responses such as "Latino" or "Hispanic."

[6] "Spouse" represents spouse of the householder. It does not reflect all spouses in a household. Responses of "same-sex spouse" were edited during processing to "unmarried partner."

[7] "Family households" consist of a householder and one or more other people related to the householder by birth, marriage, or adoption. They do not include same-sex married couples even if the marriage was performed in a state issuing marriage certificates for same-sex couples. Same-sex couple households are included in the family households category if there is at least one additional person related to the householder by birth or adoption. Same-sex couple households with no relatives of the householder present are tabulated in nonfamily households. "Nonfamily households" consist of people living alone and households which do not have any members related to the householder.

[8] The homeowner vacancy rate is the proportion of the homeowner inventory that is vacant "for sale." It is computed by dividing the total number of vacant units "for sale only" by the sum of owner-occupied units, vacant units that are "for sale only," and vacant units that have been sold but not yet occupied; and then multiplying by 100.

[9] The rental vacancy rate is the proportion of the rental inventory that is vacant "for rent." It is computed by dividing the total number of vacant units "for rent" by the sum of the renter-occupied units, vacant units that are "for rent," and vacant units that have been rented but not yet occupied; and then multiplying by 100.

Source: U.S. Census Bureau, 2010 Census.



State & County QuickFacts

Fairlawn (city), Ohio

People QuickFacts	Fairlawn	Ohio
Population, 2011 estimate	NA	11,544,951
Population, 2010	7,437	11,536,504
Population, percent change, 2000 to 2010	1.8%	1.6%
Population, 2000	7,307	11,353,140
Persons under 5 years, percent, 2010	4.7%	6.2%
Persons under 18 years, percent, 2010	19.4%	23.7%
Persons 65 years and over, percent, 2010	23.4%	14.1%
Female persons, percent, 2010	52.9%	51.2%
White persons, percent, 2010 (a)	82.1%	82.7%
Black persons, percent, 2010 (a)	11.0%	12.2%
American Indian and Alaska Native persons, percent, 2010 (a)	Z	0.2%
Asian persons, percent, 2010 (a)	4.3%	1.7%
Native Hawaiian and Other Pacific Islander, percent, 2010 (a)	0.0%	0.0%
Persons reporting two or more races, percent, 2010	2.0%	2.1%
Persons of Hispanic or Latino origin, percent, 2010 (b)	2.3%	3.1%
White persons not Hispanic, percent, 2010	80.7%	81.1%
Living in same house 1 year & over, 2006-2010	88.6%	85.0%
Foreign born persons, percent, 2006-2010	11.4%	3.8%
Language other than English spoken at home, pct age 5+, 2006-2010	13.0%	6.3%
High school graduates, percent of persons age 25+, 2006-2010	95.1%	87.4%
Bachelor's degree or higher, pct of persons age 25+, 2006-2010	50.8%	24.1%
Mean travel time to work (minutes), workers age 16+, 2006-2010	19.5	22.7
Housing units, 2010	3,455	5,127,508
Homeownership rate, 2006-2010	71.1%	69.2%
Housing units in multi-unit structures, percent, 2006-2010	32.4%	23.0%
Median value of owner-occupied housing units, 2006-2010	\$185,700	\$136,400
Households, 2006-2010	3,474	4,552,270
Persons per household, 2006-2010	2.08	2.46
Per capita money income in past 12 months (2010 dollars) 2006-2010	\$34,550	\$25,113
Median household income 2006-2010	\$56,087	\$47,358
Persons below poverty level, percent, 2006-2010	3.6%	14.2%
Business QuickFacts	Fairlawn	Ohio
Total number of firms, 2007	1,356	897,939
Black-owned firms, percent, 2007	S	5.8%
American Indian- and Alaska Native-owned firms, percent, 2007	F	0.3%

Asian-owned firms, percent, 2007	3.5%	2.0%
Native Hawaiian and Other Pacific Islander-owned firms, percent, 2007	F	S
Hispanic-owned firms, percent, 2007	F	1.1%
Women-owned firms, percent, 2007	27.6%	27.7%
Manufacturers shipments, 2007 (\$1000)	NA	295,890,890
Merchant wholesaler sales, 2007 (\$1000)	541,466	135,575,279
Retail sales, 2007 (\$1000)	477,413	138,816,008
Retail sales per capita, 2007	\$67,431	\$12,049
Accommodation and food services sales, 2007 (\$1000)	45,046	17,779,905

Geography QuickFacts	Fairlawn	Ohio
Land area in square miles, 2010	4.48	40,860.69
Persons per square mile, 2010	1,661.5	282.3
FIPS Code	26166	39
Counties		

Population estimates for counties will be available in April, 2012 and for cities in June, 2012.

(a) Includes persons reporting only one race.

(b) Hispanics may be of any race, so also are included in applicable race categories.

D: Suppressed to avoid disclosure of confidential information

F: Fewer than 100 firms

FN: Footnote on this item for this area in place of data

NA: Not available

S: Suppressed; does not meet publication standards

X: Not applicable

Z: Value greater than zero but less than half unit of measure shown

Source U.S. Census Bureau: State and County QuickFacts. Data derived from Population Estimates, American Community Survey, Census of Population and Housing, County Business Patterns, Economic Census, Survey of Business Owners, Building Permits, Consolidated Federal Funds Report, Census of Governments

Last Revised: Tuesday, 31-Jan-2012 17:22:50 EST



State & County QuickFacts

Hudson (city), Ohio

People QuickFacts	Hudson	Ohio
Population, 2011 estimate	NA	11,544,951
Population, 2010	22,262	11,536,504
Population, percent change, 2000 to 2010	-0.8%	1.6%
Population, 2000	22,439	11,353,140
Persons under 5 years, percent, 2010	4.7%	6.2%
Persons under 18 years, percent, 2010	30.1%	23.7%
Persons 65 years and over, percent, 2010	11.8%	14.1%
Female persons, percent, 2010	50.9%	51.2%
White persons, percent, 2010 (a)	92.7%	82.7%
Black persons, percent, 2010 (a)	1.3%	12.2%
American Indian and Alaska Native persons, percent, 2010 (a)	0.1%	0.2%
Asian persons, percent, 2010 (a)	4.3%	1.7%
Native Hawaiian and Other Pacific Islander, percent, 2010 (a)	Z	0.0%
Persons reporting two or more races, percent, 2010	1.3%	2.1%
Persons of Hispanic or Latino origin, percent, 2010 (b)	1.7%	3.1%
White persons not Hispanic, percent, 2010	91.4%	81.1%
Living in same house 1 year & over, 2006-2010	93.7%	85.0%
Foreign born persons, percent, 2006-2010	7.4%	3.8%
Language other than English spoken at home, pct age 5+, 2006-2010	6.9%	6.3%
High school graduates, percent of persons age 25+, 2006-2010	98.5%	87.4%
Bachelor's degree or higher, pct of persons age 25+, 2006-2010	67.7%	24.1%
Mean travel time to work (minutes), workers age 16+, 2006-2010	26.2	22.7
Housing units, 2010	8,002	5,127,508
Homeownership rate, 2006-2010	89.9%	69.2%
Housing units in multi-unit structures, percent, 2006-2010	8.9%	23.0%
Median value of owner-occupied housing units, 2006-2010	\$292,800	\$136,400
Households, 2006-2010	7,602	4,552,270
Persons per household, 2006-2010	2.91	2.46
Per capita money income in past 12 months (2010 dollars) 2006-2010	\$48,424	\$25,113
Median household income 2006-2010	\$115,144	\$47,358
Persons below poverty level, percent, 2006-2010	3.5%	14.2%
Business QuickFacts	Hudson	Ohio
Total number of firms, 2007	3,087	897,939
Black-owned firms, percent, 2007	F	5.8%
American Indian- and Alaska Native-owned firms, percent, 2007	F	0.3%

Asian-owned firms, percent, 2007	S	2.0%
Native Hawaiian and Other Pacific Islander-owned firms, percent, 2007	F	S
Hispanic-owned firms, percent, 2007	F	1.1%
Women-owned firms, percent, 2007	20.5%	27.7%
Manufacturers shipments, 2007 (\$1000)	425,553	295,890,890
Merchant wholesaler sales, 2007 (\$1000)	269,824	135,575,279
Retail sales, 2007 (\$1000)	182,559	138,816,008
Retail sales per capita, 2007	\$7,915	\$12,049
Accommodation and food services sales, 2007 (\$1000)	30,155	17,779,905

Geography QuickFacts	Hudson	Ohio
Land area in square miles, 2010	25.60	40,860.69
Persons per square mile, 2010	869.7	282.3
FIPS Code	36651	39
Counties		

Population estimates for counties will be available in April, 2012 and for cities in June, 2012.

(a) Includes persons reporting only one race.

(b) Hispanics may be of any race, so also are included in applicable race categories.

D: Suppressed to avoid disclosure of confidential information

F: Fewer than 100 firms

FN: Footnote on this item for this area in place of data

NA: Not available

S: Suppressed; does not meet publication standards

X: Not applicable

Z: Value greater than zero but less than half unit of measure shown

Source U.S. Census Bureau: State and County QuickFacts. Data derived from Population Estimates, American Community Survey, Census of Population and Housing, County Business Patterns, Economic Census, Survey of Business Owners, Building Permits, Consolidated Federal Funds Report, Census of Governments

Last Revised: Tuesday, 31-Jan-2012 17:22:59 EST



State & County QuickFacts

Stow (city), Ohio

People QuickFacts	Stow	Ohio
Population, 2011 estimate	NA	11,544,951
Population, 2010	34,837	11,536,504
Population, percent change, 2000 to 2010	8.4%	1.6%
Population, 2000	32,139	11,353,140
Persons under 5 years, percent, 2010	5.5%	6.2%
Persons under 18 years, percent, 2010	22.7%	23.7%
Persons 65 years and over, percent, 2010	13.8%	14.1%
Female persons, percent, 2010	51.8%	51.2%
White persons, percent, 2010 (a)	93.0%	82.7%
Black persons, percent, 2010 (a)	2.7%	12.2%
American Indian and Alaska Native persons, percent, 2010 (a)	0.1%	0.2%
Asian persons, percent, 2010 (a)	2.4%	1.7%
Native Hawaiian and Other Pacific Islander, percent, 2010 (a)	Z	0.0%
Persons reporting two or more races, percent, 2010	1.4%	2.1%
Persons of Hispanic or Latino origin, percent, 2010 (b)	1.5%	3.1%
White persons not Hispanic, percent, 2010	92.0%	81.1%
Living in same house 1 year & over, 2006-2010	90.5%	85.0%
Foreign born persons, percent, 2006-2010	4.4%	3.8%
Language other than English spoken at home, pct age 5+, 2006-2010	5.0%	6.3%
High school graduates, percent of persons age 25+, 2006-2010	94.8%	87.4%
Bachelor's degree or higher, pct of persons age 25+, 2006-2010	42.1%	24.1%
Mean travel time to work (minutes), workers age 16+, 2006-2010	23.0	22.7
Housing units, 2010	15,141	5,127,508
Homeownership rate, 2006-2010	68.1%	69.2%
Housing units in multi-unit structures, percent, 2006-2010	27.4%	23.0%
Median value of owner-occupied housing units, 2006-2010	\$168,800	\$136,400
Households, 2006-2010	13,788	4,552,270
Persons per household, 2006-2010	2.47	2.46
Per capita money income in past 12 months (2010 dollars) 2006-2010	\$30,633	\$25,113
Median household income 2006-2010	\$63,834	\$47,358
Persons below poverty level, percent, 2006-2010	7.5%	14.2%
Business QuickFacts	Stow	Ohio
Total number of firms, 2007	3,189	897,939
Black-owned firms, percent, 2007	S	5.8%
American Indian- and Alaska Native-owned firms, percent, 2007	F	0.3%

Asian-owned firms, percent, 2007	S	2.0%
Native Hawaiian and Other Pacific Islander-owned firms, percent, 2007	F	S
Hispanic-owned firms, percent, 2007	F	1.1%
Women-owned firms, percent, 2007	25.5%	27.7%
Manufacturers shipments, 2007 (\$1000)	320,046	295,890,890
Merchant wholesaler sales, 2007 (\$1000)	625,029	135,575,279
Retail sales, 2007 (\$1000)	481,431	138,816,008
Retail sales per capita, 2007	\$14,131	\$12,049
Accommodation and food services sales, 2007 (\$1000)	62,290	17,779,905

Geography QuickFacts	Stow	Ohio
Land area in square miles, 2010	17.09	40,860.69
Persons per square mile, 2010	2,038.7	282.3
FIPS Code	74944	39
Counties		

Population estimates for counties will be available in April, 2012 and for cities in June, 2012.

(a) Includes persons reporting only one race.

(b) Hispanics may be of any race, so also are included in applicable race categories.

D: Suppressed to avoid disclosure of confidential information

F: Fewer than 100 firms

FN: Footnote on this item for this area in place of data

NA: Not available

S: Suppressed; does not meet publication standards

X: Not applicable

Z: Value greater than zero but less than half unit of measure shown

Source U.S. Census Bureau: State and County QuickFacts. Data derived from Population Estimates, American Community Survey, Census of Population and Housing, County Business Patterns, Economic Census, Survey of Business Owners, Building Permits, Consolidated Federal Funds Report, Census of Governments

Last Revised: Tuesday, 31-Jan-2012 17:23:28 EST



State & County QuickFacts

Tallmadge (city), Ohio

People QuickFacts	Tallmadge	Ohio
Population, 2011 estimate	NA	11,544,951
Population, 2010	17,537	11,536,504
Population, percent change, 2000 to 2010	7.0%	1.6%
Population, 2000	16,390	11,353,140
Persons under 5 years, percent, 2010	4.5%	6.2%
Persons under 18 years, percent, 2010	21.6%	23.7%
Persons 65 years and over, percent, 2010	19.5%	14.1%
Female persons, percent, 2010	52.2%	51.2%
White persons, percent, 2010 (a)	93.6%	82.7%
Black persons, percent, 2010 (a)	3.3%	12.2%
American Indian and Alaska Native persons, percent, 2010 (a)	0.3%	0.2%
Asian persons, percent, 2010 (a)	1.0%	1.7%
Native Hawaiian and Other Pacific Islander, percent, 2010 (a)	0.1%	0.0%
Persons reporting two or more races, percent, 2010	1.5%	2.1%
Persons of Hispanic or Latino origin, percent, 2010 (b)	1.0%	3.1%
White persons not Hispanic, percent, 2010	92.9%	81.1%
Living in same house 1 year & over, 2006-2010	94.5%	85.0%
Foreign born persons, percent, 2006-2010	2.9%	3.8%
Language other than English spoken at home, pct age 5+, 2006-2010	3.8%	6.3%
High school graduates, percent of persons age 25+, 2006-2010	91.2%	87.4%
Bachelor's degree or higher, pct of persons age 25+, 2006-2010	30.6%	24.1%
Mean travel time to work (minutes), workers age 16+, 2006-2010	22.2	22.7
Housing units, 2010	7,413	5,127,508
Homeownership rate, 2006-2010	80.9%	69.2%
Housing units in multi-unit structures, percent, 2006-2010	14.7%	23.0%
Median value of owner-occupied housing units, 2006-2010	\$167,100	\$136,400
Households, 2006-2010	6,685	4,552,270
Persons per household, 2006-2010	2.53	2.46
Per capita money income in past 12 months (2010 dollars) 2006-2010	\$28,006	\$25,113
Median household income 2006-2010	\$60,181	\$47,358
Persons below poverty level, percent, 2006-2010	9.9%	14.2%
Business QuickFacts	Tallmadge	Ohio
Total number of firms, 2007	1,226	897,939
Black-owned firms, percent, 2007	F	5.8%
American Indian- and Alaska Native-owned firms, percent, 2007	F	0.3%

Asian-owned firms, percent, 2007	F	2.0%
Native Hawaiian and Other Pacific Islander-owned firms, percent, 2007	F	S
Hispanic-owned firms, percent, 2007	F	1.1%
Women-owned firms, percent, 2007	14.8%	27.7%
Manufacturers shipments, 2007 (\$1000)	259,800	295,890,890
Merchant wholesaler sales, 2007 (\$1000)	53,049	135,575,279
Retail sales, 2007 (\$1000)	576,643	138,816,008
Retail sales per capita, 2007	\$33,334	\$12,049
Accommodation and food services sales, 2007 (\$1000)	15,693	17,779,905

Geography QuickFacts	Tallmadge	Ohio
Land area in square miles, 2010	14.00	40,860.69
Persons per square mile, 2010	1,253.0	282.3
FIPS Code	76106	39
Counties		

Population estimates for counties will be available in April, 2012 and for cities in June, 2012.

(a) Includes persons reporting only one race.

(b) Hispanics may be of any race, so also are included in applicable race categories.

D: Suppressed to avoid disclosure of confidential information

F: Fewer than 100 firms

FN: Footnote on this item for this area in place of data

NA: Not available

S: Suppressed; does not meet publication standards

X: Not applicable

Z: Value greater than zero but less than half unit of measure shown

Source U.S. Census Bureau: State and County QuickFacts. Data derived from Population Estimates, American Community Survey, Census of Population and Housing, County Business Patterns, Economic Census, Survey of Business Owners, Building Permits, Consolidated Federal Funds Report, Census of Governments

Last Revised: Tuesday, 31-Jan-2012 17:23:29 EST



State & County QuickFacts

Twinsburg (city), Ohio

People QuickFacts	Twinsburg	Ohio
Population, 2011 estimate	NA	11,544,951
Population, 2010	18,795	11,536,504
Population, percent change, 2000 to 2010	10.5%	1.6%
Population, 2000	17,006	11,353,140
Persons under 5 years, percent, 2010	5.7%	6.2%
Persons under 18 years, percent, 2010	25.4%	23.7%
Persons 65 years and over, percent, 2010	14.5%	14.1%
Female persons, percent, 2010	53.2%	51.2%
White persons, percent, 2010 (a)	78.5%	82.7%
Black persons, percent, 2010 (a)	13.4%	12.2%
American Indian and Alaska Native persons, percent, 2010 (a)	0.1%	0.2%
Asian persons, percent, 2010 (a)	5.7%	1.7%
Native Hawaiian and Other Pacific Islander, percent, 2010 (a)	0.0%	0.0%
Persons reporting two or more races, percent, 2010	1.9%	2.1%
Persons of Hispanic or Latino origin, percent, 2010 (b)	1.2%	3.1%
White persons not Hispanic, percent, 2010	77.8%	81.1%
Living in same house 1 year & over, 2006-2010	89.6%	85.0%
Foreign born persons, percent, 2006-2010	6.2%	3.8%
Language other than English spoken at home, pct age 5+, 2006-2010	7.9%	6.3%
High school graduates, percent of persons age 25+, 2006-2010	94.6%	87.4%
Bachelor's degree or higher, pct of persons age 25+, 2006-2010	41.5%	24.1%
Mean travel time to work (minutes), workers age 16+, 2006-2010	25.5	22.7
Housing units, 2010	7,898	5,127,508
Homeownership rate, 2006-2010	74.0%	69.2%
Housing units in multi-unit structures, percent, 2006-2010	24.8%	23.0%
Median value of owner-occupied housing units, 2006-2010	\$205,800	\$136,400
Households, 2006-2010	7,486	4,552,270
Persons per household, 2006-2010	2.47	2.46
Per capita money income in past 12 months (2010 dollars) 2006-2010	\$33,735	\$25,113
Median household income 2006-2010	\$69,662	\$47,358
Persons below poverty level, percent, 2006-2010	2.3%	14.2%
Business QuickFacts	Twinsburg	Ohio
Total number of firms, 2007	2,060	897,939
Black-owned firms, percent, 2007	S	5.8%
American Indian- and Alaska Native-owned firms, percent, 2007	F	0.3%

Asian-owned firms, percent, 2007	2.7%	2.0%
Native Hawaiian and Other Pacific Islander-owned firms, percent, 2007	F	S
Hispanic-owned firms, percent, 2007	F	1.1%
Women-owned firms, percent, 2007	22.5%	27.7%
Manufacturers shipments, 2007 (\$1000)	1,553,873	295,890,890
Merchant wholesaler sales, 2007 (\$1000)	1,337,957	135,575,279
Retail sales, 2007 (\$1000)	525,347	138,816,008
Retail sales per capita, 2007	\$30,078	\$12,049
Accommodation and food services sales, 2007 (\$1000)	50,029	17,779,905

Geography QuickFacts	Twinsburg	Ohio
Land area in square miles, 2010	13.77	40,860.69
Persons per square mile, 2010	1,365.0	282.3
FIPS Code	78050	39
Counties		

Population estimates for counties will be available in April, 2012 and for cities in June, 2012.

(a) Includes persons reporting only one race.

(b) Hispanics may be of any race, so also are included in applicable race categories.

D: Suppressed to avoid disclosure of confidential information

F: Fewer than 100 firms

FN: Footnote on this item for this area in place of data

NA: Not available

S: Suppressed; does not meet publication standards

X: Not applicable

Z: Value greater than zero but less than half unit of measure shown

Source U.S. Census Bureau: State and County QuickFacts. Data derived from Population Estimates, American Community Survey, Census of Population and Housing, County Business Patterns, Economic Census, Survey of Business Owners, Building Permits, Consolidated Federal Funds Report, Census of Governments

Last Revised: Tuesday, 31-Jan-2012 17:23:32 EST



AMERICAN
FactFinder



DP-1

**Profile of General Population and Housing Characteristics: 2010
2010 Demographic Profile Data**

NOTE: For more information on confidentiality protection, nonsampling error, and definitions, see <http://www.census.gov/prod/cen2010/doc/dpsf.pdf>.

Geography:

	Subject	Number	Percent
1	SEX AND AGE		
186	Total population	17,304	100.0
of	Under 5 years	1,052	6.1
186	5 to 9 years	1,234	7.1
	10 to 14 years	1,290	7.5
	15 to 19 years	1,119	6.5
	20 to 24 years	720	4.2
	25 to 29 years	889	5.1
	30 to 34 years	1,013	5.9
	35 to 39 years	1,194	6.9
	40 to 44 years	1,345	7.8
	45 to 49 years	1,444	8.3
	50 to 54 years	1,291	7.5
	55 to 59 years	1,168	6.7
	60 to 64 years	949	5.5
	65 to 69 years	672	3.9
	70 to 74 years	496	2.9
	75 to 79 years	415	2.4
	80 to 84 years	400	2.3
	85 years and over	613	3.5
	Median age (years)	40.5	(X)
	16 years and over	13,473	77.9
	18 years and over	12,935	74.8
	21 years and over	12,469	72.1
	62 years and over	3,152	18.2
	65 years and over	2,596	15.0
	Male population	8,448	48.8
	Under 5 years	537	3.1
	5 to 9 years	653	3.8
	10 to 14 years	680	3.9
	15 to 19 years	573	3.3
	20 to 24 years	383	2.2
	25 to 29 years	438	2.5
	30 to 34 years	486	2.8
	35 to 39 years	595	3.4
	40 to 44 years	674	3.9
	45 to 49 years	694	4.0
	50 to 54 years	652	3.8
	55 to 59 years	600	3.5
	60 to 64 years	462	2.7
	65 to 69 years	320	1.8
	70 to 74 years	209	1.2
	75 to 79 years	182	1.1
	80 to 84 years	138	0.8
	85 years and over	172	1.0
	Median age (years)	39.2	(X)
	16 years and over	6,447	37.3
	18 years and over	6,159	35.6
	21 years and over	5,928	34.3
	62 years and over	1,287	7.4
	65 years and over	1,021	5.9
	Female population	8,856	51.2
	Under 5 years	515	3.0
	5 to 9 years	581	3.4
	10 to 14 years	610	3.5
	15 to 19 years	546	3.2
	20 to 24 years	337	1.9
	25 to 29 years	451	2.6

Subject	Number	Percent
30 to 34 years	527	3.0
35 to 39 years	599	3.5
40 to 44 years	671	3.9
45 to 49 years	750	4.3
50 to 54 years	639	3.7
55 to 59 years	568	3.3
60 to 64 years	487	2.8
65 to 69 years	352	2.0
70 to 74 years	287	1.7
75 to 79 years	233	1.3
80 to 84 years	262	1.5
85 years and over	441	2.5
Median age (years)	41.9	(X)
16 years and over	7,026	40.6
18 years and over	6,776	39.2
21 years and over	6,541	37.8
62 years and over	1,865	10.8
65 years and over	1,575	9.1
RACE		
Total population	17,304	100.0
One Race	16,998	98.2
White	13,993	80.9
Black or African American	1,731	10.0
American Indian and Alaska Native	27	0.2
Asian	1,153	6.7
Asian Indian	501	2.9
Chinese	271	1.6
Filipino	55	0.3
Japanese	95	0.5
Korean	91	0.5
Vietnamese	45	0.3
Other Asian [1]	95	0.5
Native Hawaiian and Other Pacific Islander	3	0.0
Native Hawaiian	0	0.0
Guamanian or Chamorro	0	0.0
Samoan	0	0.0
Other Pacific Islander [2]	3	0.0
Some Other Race	91	0.5
Two or More Races	306	1.8
White; American Indian and Alaska Native [3]	36	0.2
White; Asian [3]	81	0.5
White; Black or African American [3]	100	0.6
White; Some Other Race [3]	12	0.1
Race alone or in combination with one or more other races: [4]		
White	14,262	82.4
Black or African American	1,877	10.8
American Indian and Alaska Native	110	0.6
Asian	1,275	7.4
Native Hawaiian and Other Pacific Islander	8	0.0
Some Other Race	118	0.7
HISPANIC OR LATINO		
Total population	17,304	100.0
Hispanic or Latino (of any race)	286	1.7
Mexican	107	0.6
Puerto Rican	65	0.4
Cuban	4	0.0
Other Hispanic or Latino [5]	110	0.6
Not Hispanic or Latino	17,018	98.3
HISPANIC OR LATINO AND RACE		
Total population	17,304	100.0
Hispanic or Latino	286	1.7
White alone	174	1.0
Black or African American alone	23	0.1
American Indian and Alaska Native alone	8	0.0
Asian alone	1	0.0
Native Hawaiian and Other Pacific Islander alone	0	0.0
Some Other Race alone	48	0.3
Two or More Races	32	0.2
Not Hispanic or Latino	17,018	98.3
White alone	13,819	79.9
Black or African American alone	1,708	9.9
American Indian and Alaska Native alone	19	0.1
Asian alone	1,152	6.7

Subject	Number	Percent
Native Hawaiian and Other Pacific Islander alone	3	0.0
Some Other Race alone	43	0.2
Two or More Races	274	1.6
RELATIONSHIP		
Total population	17,304	100.0
In households	16,874	97.5
Householder	6,675	38.6
Spouse [6]	3,870	22.4
Child	5,285	30.5
Own child under 18 years	4,151	24.0
Other relatives	515	3.0
Under 18 years	180	1.0
65 years and over	133	0.8
Nonrelatives	529	3.1
Under 18 years	35	0.2
65 years and over	26	0.2
Unmarried partner	283	1.6
In group quarters	430	2.5
Institutionalized population	418	2.4
Male	125	0.7
Female	293	1.7
Noninstitutionalized population	12	0.1
Male	3	0.0
Female	9	0.1
HOUSEHOLDS BY TYPE		
Total households	6,675	100.0
Family households (families) [7]	4,610	69.1
With own children under 18 years	2,196	32.9
Husband-wife family	3,870	58.0
With own children under 18 years	1,800	27.0
Male householder, no wife present	211	3.2
With own children under 18 years	107	1.6
Female householder, no husband present	529	7.9
With own children under 18 years	289	4.3
Nonfamily households [7]	2,065	30.9
Householder living alone	1,749	26.2
Male	745	11.2
65 years and over	159	2.4
Female	1,004	15.0
65 years and over	540	8.1
Households with individuals under 18 years	2,311	34.6
Households with individuals 65 years and over	1,672	25.0
Average household size	2.53	(X)
Average family size [7]	3.10	(X)
HOUSING OCCUPANCY		
Total housing units	7,317	100.0
Occupied housing units	6,675	91.2
Vacant housing units	642	8.8
For rent	358	4.9
Rented, not occupied	12	0.2
For sale only	122	1.7
Sold, not occupied	8	0.1
For seasonal, recreational, or occasional use	37	0.5
All other vacants	105	1.4
Homeowner vacancy rate (percent) [8]	2.4	(X)
Rental vacancy rate (percent) [9]	16.5	(X)
HOUSING TENURE		
Occupied housing units	6,675	100.0
Owner-occupied housing units	4,880	73.1
Population in owner-occupied housing units	13,493	(X)
Average household size of owner-occupied units	2.76	(X)
Renter-occupied housing units	1,795	26.9
Population in renter-occupied housing units	3,381	(X)
Average household size of renter-occupied units	1.88	(X)

X Not applicable.

[1] Other Asian alone, or two or more Asian categories.

[2] Other Pacific Islander alone, or two or more Native Hawaiian and Other Pacific Islander categories.

[3] One of the four most commonly reported multiple-race combinations nationwide in Census 2000.

[4] In combination with one or more of the other races listed. The six numbers may add to more than the total

population, and the six percentages may add to more than 100 percent because individuals may report more than one race.

[5] This category is composed of people whose origins are from the Dominican Republic, Spain, and Spanish-speaking Central or South American countries. It also includes general origin responses such as "Latino" or "Hispanic."

[6] "Spouse" represents spouse of the householder. It does not reflect all spouses in a household. Responses of "same-sex spouse" were edited during processing to "unmarried partner."

[7] "Family households" consist of a householder and one or more other people related to the householder by birth, marriage, or adoption. They do not include same-sex married couples even if the marriage was performed in a state issuing marriage certificates for same-sex couples. Same-sex couple households are included in the family households category if there is at least one additional person related to the householder by birth or adoption. Same-sex couple households with no relatives of the householder present are tabulated in nonfamily households. "Nonfamily households" consist of people living alone and households which do not have any members related to the householder.

[8] The homeowner vacancy rate is the proportion of the homeowner inventory that is vacant "for sale." It is computed by dividing the total number of vacant units "for sale only" by the sum of owner-occupied units, vacant units that are "for sale only," and vacant units that have been sold but not yet occupied; and then multiplying by 100.

[9] The rental vacancy rate is the proportion of the rental inventory that is vacant "for rent." It is computed by dividing the total number of vacant units "for rent" by the sum of the renter-occupied units, vacant units that are "for rent," and vacant units that have been rented but not yet occupied; and then multiplying by 100.

Source: U.S. Census Bureau, 2010 Census.



State & County QuickFacts

Garfield Heights (city), Ohio

People QuickFacts	Garfield Heights	Ohio
Population, 2011 estimate	NA	11,544,951
Population, 2010	28,849	11,536,504
Population, percent change, 2000 to 2010	-6.1%	1.6%
Population, 2000	30,734	11,353,140
Persons under 5 years, percent, 2010	6.2%	6.2%
Persons under 18 years, percent, 2010	25.0%	23.7%
Persons 65 years and over, percent, 2010	15.4%	14.1%
Female persons, percent, 2010	54.0%	51.2%
White persons, percent, 2010 (a)	60.2%	82.7%
Black persons, percent, 2010 (a)	35.7%	12.2%
American Indian and Alaska Native persons, percent, 2010 (a)	0.2%	0.2%
Asian persons, percent, 2010 (a)	1.3%	1.7%
Native Hawaiian and Other Pacific Islander, percent, 2010 (a)	Z	0.0%
Persons reporting two or more races, percent, 2010	2.1%	2.1%
Persons of Hispanic or Latino origin, percent, 2010 (b)	2.3%	3.1%
White persons not Hispanic, percent, 2010	59.0%	81.1%
Living in same house 1 year & over, 2006-2010	87.3%	85.0%
Foreign born persons, percent, 2006-2010	3.5%	3.8%
Language other than English spoken at home, pct age 5+, 2006-2010	6.6%	6.3%
High school graduates, percent of persons age 25+, 2006-2010	84.3%	87.4%
Bachelor's degree or higher, pct of persons age 25+, 2006-2010	12.2%	24.1%
Mean travel time to work (minutes), workers age 16+, 2006-2010	21.4	22.7
Housing units, 2010	13,125	5,127,508
Homeownership rate, 2006-2010	73.6%	69.2%
Housing units in multi-unit structures, percent, 2006-2010	20.0%	23.0%
Median value of owner-occupied housing units, 2006-2010	\$100,000	\$136,400
Households, 2006-2010	11,649	4,552,270
Persons per household, 2006-2010	2.46	2.46
Per capita money income in past 12 months (2010 dollars) 2006-2010	\$20,409	\$25,113
Median household income 2006-2010	\$42,342	\$47,358
Persons below poverty level, percent, 2006-2010	12.2%	14.2%
Business QuickFacts	Garfield Heights	Ohio
Total number of firms, 2007	1,879	897,939
Black-owned firms, percent, 2007	23.7%	5.8%
American Indian- and Alaska Native-owned firms, percent, 2007	F	0.3%

Asian-owned firms, percent, 2007	S	2.0%
Native Hawaiian and Other Pacific Islander-owned firms, percent, 2007	F	S
Hispanic-owned firms, percent, 2007	S	1.1%
Women-owned firms, percent, 2007	25.6%	27.7%
Manufacturers shipments, 2007 (\$1000)	233,304	295,890,890
Merchant wholesaler sales, 2007 (\$1000)	137,230	135,575,279
Retail sales, 2007 (\$1000)	256,061	138,816,008
Retail sales per capita, 2007	\$9,154	\$12,049
Accommodation and food services sales, 2007 (\$1000)	27,478	17,779,905
	Garfield Heights	Ohio
Geography QuickFacts		
Land area in square miles, 2010	7.23	40,860.69
Persons per square mile, 2010	3,990.2	282.3
FIPS Code	29428	39
Counties		

Population estimates for counties will be available in April, 2012 and for cities in June, 2012.

(a) Includes persons reporting only one race.

(b) Hispanics may be of any race, so also are included in applicable race categories.

D: Suppressed to avoid disclosure of confidential information

F: Fewer than 100 firms

FN: Footnote on this item for this area in place of data

NA: Not available

S: Suppressed; does not meet publication standards

X: Not applicable

Z: Value greater than zero but less than half unit of measure shown

Source U.S. Census Bureau: State and County QuickFacts. Data derived from Population Estimates, American Community Survey, Census of Population and Housing, County Business Patterns, Economic Census, Survey of Business Owners, Building Permits, Consolidated Federal Funds Report, Census of Governments

Last Revised: Tuesday, 31-Jan-2012 17:22:53 EST



AMERICAN
FactFinder



DP-1

**Profile of General Population and Housing Characteristics: 2010
2010 Demographic Profile Data**

NOTE: For more information on confidentiality protection, nonsampling error, and definitions, see <http://www.census.gov/prod/cen2010/doc/dpsf.pdf>.

Geography:

		Number	Percent
SEX AND AGE			
Total population		2,846	100.0
Under 5 years		136	4.8
5 to 9 years		149	5.2
10 to 14 years		234	8.2
15 to 19 years		209	7.3
20 to 24 years		172	6.0
25 to 29 years		167	5.9
30 to 34 years		144	5.1
35 to 39 years		186	6.5
40 to 44 years		196	6.9
45 to 49 years		197	6.9
50 to 54 years		223	7.8
55 to 59 years		196	6.9
60 to 64 years		190	6.7
65 to 69 years		124	4.4
70 to 74 years		94	3.3
75 to 79 years		93	3.3
80 to 84 years		89	3.1
85 years and over		47	1.7
Median age (years)		40.7	(X)
16 years and over		2,275	79.9
18 years and over		2,193	77.1
21 years and over		2,090	73.4
62 years and over		567	19.9
65 years and over		447	15.7
Male population			
Under 5 years		63	2.2
5 to 9 years		79	2.8
10 to 14 years		113	4.0
15 to 19 years		101	3.5
20 to 24 years		95	3.3
25 to 29 years		85	3.0
30 to 34 years		72	2.5
35 to 39 years		94	3.3
40 to 44 years		87	3.1
45 to 49 years		96	3.4
50 to 54 years		107	3.8
55 to 59 years		97	3.4
60 to 64 years		92	3.2
65 to 69 years		60	2.1
70 to 74 years		36	1.3
75 to 79 years		41	1.4
80 to 84 years		38	1.3
85 years and over		23	0.8
Median age (years)		39.5	(X)
16 years and over		1,107	38.9
18 years and over		1,069	37.6
21 years and over		1,005	35.3
62 years and over		257	9.0
65 years and over		198	7.0
Female population			
Under 5 years		73	2.6
5 to 9 years		70	2.5
10 to 14 years		121	4.3
15 to 19 years		108	3.8
20 to 24 years		77	2.7
25 to 29 years		82	2.9

Subject	Number	Percent
30 to 34 years	72	2.5
35 to 39 years	92	3.2
40 to 44 years	109	3.8
45 to 49 years	101	3.5
50 to 54 years	116	4.1
55 to 59 years	99	3.5
60 to 64 years	98	3.4
65 to 69 years	64	2.2
70 to 74 years	58	2.0
75 to 79 years	52	1.8
80 to 84 years	51	1.8
85 years and over	24	0.8
Median age (years)	41.8	(X)
16 years and over	1,168	41.0
18 years and over	1,124	39.5
21 years and over	1,085	38.1
62 years and over	310	10.9
65 years and over	249	8.7
RACE		
Total population	2,846	100.0
One Race	2,794	98.2
White	2,768	97.3
Black or African American	8	0.3
American Indian and Alaska Native	4	0.1
Asian	10	0.4
Asian Indian	4	0.1
Chinese	1	0.0
Filipino	0	0.0
Japanese	0	0.0
Korean	0	0.0
Vietnamese	0	0.0
Other Asian [1]	5	0.2
Native Hawaiian and Other Pacific Islander	0	0.0
Native Hawaiian	0	0.0
Guamanian or Chamorro	0	0.0
Samoan	0	0.0
Other Pacific Islander [2]	0	0.0
Some Other Race	4	0.1
Two or More Races	52	1.8
White; American Indian and Alaska Native [3]	29	1.0
White; Asian [3]	5	0.2
White; Black or African American [3]	10	0.4
White; Some Other Race [3]	6	0.2
Race alone or in combination with one or more other races: [4]		
White	2,818	99.0
Black or African American	18	0.6
American Indian and Alaska Native	33	1.2
Asian	17	0.6
Native Hawaiian and Other Pacific Islander	2	0.1
Some Other Race	10	0.4
HISPANIC OR LATINO		
Total population	2,846	100.0
Hispanic or Latino (of any race)	29	1.0
Mexican	16	0.6
Puerto Rican	3	0.1
Cuban	3	0.1
Other Hispanic or Latino [5]	7	0.2
Not Hispanic or Latino	2,817	99.0
HISPANIC OR LATINO AND RACE		
Total population	2,846	100.0
Hispanic or Latino	29	1.0
White alone	16	0.6
Black or African American alone	5	0.2
American Indian and Alaska Native alone	0	0.0
Asian alone	0	0.0
Native Hawaiian and Other Pacific Islander alone	0	0.0
Some Other Race alone	4	0.1
Two or More Races	4	0.1
Not Hispanic or Latino	2,817	99.0
White alone	2,752	96.7
Black or African American alone	3	0.1
American Indian and Alaska Native alone	4	0.1
Asian alone	10	0.4

Subject	Number	Percent
Native Hawaiian and Other Pacific Islander alone	0	0.0
Some Other Race alone	0	0.0
Two or More Races	48	1.7
RELATIONSHIP		
Total population	2,846	100.0
In households	2,837	99.7
Householder	1,086	38.2
Spouse [6]	611	21.5
Child	866	30.4
Own child under 18 years	584	20.5
Other relatives	130	4.6
Under 18 years	56	2.0
65 years and over	20	0.7
Nonrelatives	144	5.1
Under 18 years	13	0.5
65 years and over	8	0.3
Unmarried partner	61	2.1
In group quarters	9	0.3
Institutionalized population	0	0.0
Male	0	0.0
Female	0	0.0
Noninstitutionalized population	9	0.3
Male	1	0.0
Female	8	0.3
HOUSEHOLDS BY TYPE		
Total households	1,086	100.0
Family households (families) [7]	808	74.4
With own children under 18 years	324	29.8
Husband-wife family	611	56.3
With own children under 18 years	220	20.3
Male householder, no wife present	54	5.0
With own children under 18 years	31	2.9
Female householder, no husband present	143	13.2
With own children under 18 years	73	6.7
Nonfamily households [7]	278	25.6
Householder living alone	229	21.1
Male	103	9.5
65 years and over	31	2.9
Female	126	11.6
65 years and over	76	7.0
Households with individuals under 18 years	366	33.7
Households with individuals 65 years and over	316	29.1
Average household size	2.61	(X)
Average family size [7]	2.99	(X)
HOUSING OCCUPANCY		
Total housing units	1,154	100.0
Occupied housing units	1,086	94.1
Vacant housing units	68	5.9
For rent	11	1.0
Rented, not occupied	1	0.1
For sale only	18	1.6
Sold, not occupied	3	0.3
For seasonal, recreational, or occasional use	0	0.0
All other vacants	35	3.0
Homeowner vacancy rate (percent) [8]	2.0	(X)
Rental vacancy rate (percent) [9]	5.0	(X)
HOUSING TENURE		
Occupied housing units	1,086	100.0
Owner-occupied housing units	877	80.8
Population in owner-occupied housing units	2,285	(X)
Average household size of owner-occupied units	2.61	(X)
Renter-occupied housing units	209	19.2
Population in renter-occupied housing units	552	(X)
Average household size of renter-occupied units	2.64	(X)

X Not applicable.

[1] Other Asian alone, or two or more Asian categories.

[2] Other Pacific Islander alone, or two or more Native Hawaiian and Other Pacific Islander categories.

[3] One of the four most commonly reported multiple-race combinations nationwide in Census 2000.

[4] In combination with one or more of the other races listed. The six numbers may add to more than the total

population, and the six percentages may add to more than 100 percent because individuals may report more than one race.

[5] This category is composed of people whose origins are from the Dominican Republic, Spain, and Spanish-speaking Central or South American countries. It also includes general origin responses such as "Latino" or "Hispanic."

[6] "Spouse" represents spouse of the householder. It does not reflect all spouses in a household. Responses of "same-sex spouse" were edited during processing to "unmarried partner."

[7] "Family households" consist of a householder and one or more other people related to the householder by birth, marriage, or adoption. They do not include same-sex married couples even if the marriage was performed in a state issuing marriage certificates for same-sex couples. Same-sex couple households are included in the family households category if there is at least one additional person related to the householder by birth or adoption. Same-sex couple households with no relatives of the householder present are tabulated in nonfamily households. "Nonfamily households" consist of people living alone and households which do not have any members related to the householder.

[8] The homeowner vacancy rate is the proportion of the homeowner inventory that is vacant "for sale." It is computed by dividing the total number of vacant units "for sale only" by the sum of owner-occupied units, vacant units that are "for sale only," and vacant units that have been sold but not yet occupied; and then multiplying by 100.

[9] The rental vacancy rate is the proportion of the rental inventory that is vacant "for rent." It is computed by dividing the total number of vacant units "for rent" by the sum of the renter-occupied units, vacant units that are "for rent," and vacant units that have been rented but not yet occupied; and then multiplying by 100.

Source: U.S. Census Bureau, 2010 Census.