NOTICE OF A MEETING

EXECUTIVE COMMITTEE MEETING
MID-OHIO REGIONAL PLANNING COMMISSION
111 LIBERTY STREET, SUITE 100
COLUMBUS, OH 43215
SCIOTO CONFERENCE ROOM

Thursday, October 4, 2018
1:30 p.m.

AGENDA

1. **Welcome** – Karen Angelou, Chair

2. **Consent Agenda**
   - Approval of September 6, 2018 minutes

3. **Executive Director's Report** – William Murdock

4. **Committee Updates**
   - **Sustainability Advisory Committee** – Kerstin Carr & Christina O'Keeffe
   - **Transportation Policy Committee** – Thea Walsh

5. **Regional Data Advisory Committee** – Aaron Schill
   - **Proposed Resolution 23-18:** "Adoption of MORPC's 2019-2020 Regional Data Agenda"

6. **Proposed Resolution 22-18:** "Establishing population estimates as a basis for 2019 annual participation fees to be assessed members" - Aaron Schill

7. **Proposed Resolution 24-18:** "Authorizing the executive director to execute a Memorandum of Understanding with the Short North Alliance to support implementation of a Late Night Employee Shuttle Service as part of the Short North Parking Pilot Project" – Thea Walsh

8. **Quarterly Membership Update** – Eileen Leuby

9. **Draft Commission Agenda**

10. **Other Business**

11. **Executive Session** - ORC Section 121.22 (G) (1)
    Purpose: to consider the appointment, employment, dismissal, discipline, promotion, demotion, or compensation of a public employee or official, or the

investigation of charges or complaints against a public employee, official, licensee, or regulated individual, unless the public employee, official, licensee, or regulated individual requests a public hearing.

PLEASE NOTIFY SHARI SAUNDERS AT 614-233-4169 OR ssaunders@morpc.org IF YOU REQUIRE SPECIAL ASSISTANCE.

The next Executive Committee Meeting is
Thursday, November 1, 2018 at 1:30 p.m.
111 Liberty Street, Suite 100
Columbus, Ohio 43215

PARKING AND TRANSIT: When parking in MORPC's parking lot, please be sure to park in a MORPC visitor space or in a space marked with a yellow "M". Handicapped parking is available at the side of MORPC's building.

MORPC is accessible by CBUS. The closest bus stop to MORPC is S. Front Street & W. Blenkner St. Buses that accommodate this stop are the Number 61 - Grove City, the Number 5 - West 5th Ave. /Refugee, and the Number 8 - Karl/S. High/Parsons.

MEETING ROOM ACCESS: When you arrive in MORPC's lobby, a video screen will display the day's meetings. Each meeting will list a phone extension. Use the phone in the lobby to call the extension and someone will come escort you to the meeting.

Mid-Ohio Regional Planning Commission
Executive Committee Meeting Minutes

Date: September 6, 2018
Time: 1:30 p.m.
Location: Scioto Conference Room

Members Present

Chris Amorose Groomes	Matt Greeson	Rory McGuiness
Karen Angelou	Erik Janas	Gary Merrell
Franklin Christman	Greg Lestini	Joe Stefanov
Jennifer Gallagher	Kim Maggard	Nancy White

MORPC Staff Present

Bernice Cage	Ciel Klein	Aaron Schill
Kerstin Carr	William Murdock	Thea Walsh
Terri Flora	Christina O'Keeffe	
Shawn Hufstedler	Shari Saunders	

Welcome – Karen Angelou
Chair Karen Angelou called the meeting to order at 1:30 p.m.

Consent Agenda
Nancy White made a motion to approve the Consent Agenda, second by Chris Amorose Groomes; motion passed.

Executive Director's Report – William Murdock
A moment of silence was held in honor of MORPC Team Member DeLeon Willis who passed away unexpectedly in August. Mr. Willis loved working for MORPC as a Baseload Auditor and serving clients.

William Murdock announced that MORPC Energy & Air Quality Director Christina O'Keeffe has been named Executive Director of the Ohio Air Quality Development Authority (OAQDA). The OAQDA is an independent, non-regulatory state agency that provides financing for projects that contribute to cleaner air. Brandi Whetstone will serve as Interim Energy & Air Quality Director.

Mr. Murdock congratulated Rory McGuiness on throwing the first pitch at the August 14 Columbus Clippers game. Mr. McGuiness was thankful for the opportunity.

The Central Ohio Greenways strategy received excellent coverage in Business First last week. The topic resonates strongly with our members and frequently comes up at member visits.

Mr. Murdock is still working to get out to visit every member. Member visit topics include: Hyperloop, energy dashboard, public policy work, etc. The City of Whitehall has taken charge of the Defense Working Group. MORPC is looking at ways we can help. Columbus2020 will continue to participate.

The Leadership Strategy Group on Infrastructure Funding has met twice. Their goal is to develop recommendations focusing on transportation infrastructure. Joe Garrity is the MORPC point person.

The 2018 MORPC Salary & Fringe Benefits Survey will be released soon. Three counties, seventeen cities, five townships, and four villages participated; making it the highest response in recent history. All Executive Committee communities participated.

We found out last Friday that MORPC and its partners received a grant for the Transportation Energy Analytics Dashboard (TEAD). Earlier this year, we were approached by the University of Maryland and

the National Renewable Energy Lab to partner on a grant application to the U.S. Department of Energy to develop a first-of-its-kind tool to track detailed energy usage and emissions in real-time on our transportation network. The opportunity for us to partner on this nearly $1.5 million project is the direct result of MORPC being recognized as a leader in our approach to using data, innovative transportation, and energy planning.

American Electric Power (AEP) has rolled out an electric vehicle (EV) infrastructure incentive program to provide $10 million for up to 375 EV public charging stations for local governments in Ohio. We will provide a link in our post Commission email.

The Fall insight2050 Academy focuses on growth in rural areas. Sessions will meet across the region.

A listening session will be held Tuesday, September 18, 4-6 p.m. as part of MORPC's certification process with the Federal Highway Administration and the Federal Transit Administration. The certification review occurs every four years.

The 2018 Summit on Sustainability is Thursday, October 25 at the Hilton Columbus Downtown. This year's theme is "Planning for an Equitable Region." Majora Carter is the keynote speaker.

Diversity & Inclusion Plan Update – William Murdock
Mr. Murdock presented the Diversity & Inclusion Plan Update: Mid-Year Update on Focus Priorities. After a helpful discussion last March, in April MORPC leadership brought recommendations to the Executive Committee on specific and actionable priorities to improve our diversity and inclusion efforts in the few areas that need improvement – hiring recruitment, Board diversity, and diversity spending. MORPC Team Members have started or accomplished every recommendation: (1) We created a new internal Diversity & Inclusion Committee; (2) We reviewed and are improving our diverse hiring; (3) We revised our goals and improved diversity spend; and (4) We launched efforts to increase diverse voices/representation on our Board and Committees. The Diversity in Local Government Working Group will bring recommendations to the Commission in November.

Regional Policy Roundtable Update – Terri Flora
The Public Policy Agenda Working Group met twice to discuss priorities for the 2019-2020 Public Policy Agenda. The working group is making it an actionable agenda. The agenda will be finalized at the September 20 meeting and presented to the Regional Policy Roundtable for approval in October. The agenda will then be presented to the Commission for review in November and for approval in December.

Kegler Brown Hill + Ritter scheduled meetings with Richard Cordray and Mike DeWine which allowed MORPC Team Members and Officers an opportunity to have more intimate conversations with the gubernatorial candidates.

Regional Data Advisory Committee – Aaron Schill
Aaron Schill presented the Regional Data & Mapping Update. MORPC Team Members are finalizing the contract with JMT Technologies for the Paving the Way website re-design. Work begins this month.

Since the region's population growth diverts from the rest of the state, Team Members developed their own model that no longer relies on state population projections. The model uses historic data and better captures migration patterns. The results were compared to the State of Ohio projections.

The yellow line is observed data from 1970 until now. The blue dotted line is the State of Ohio projections. We are 80 percent confident that the population will land between the two dashed lines. The green line is the most likely scenario and puts us at around three million in 2050. MORPC Team Members will be sending annual population projections to communities for review within the next week.

Mr. Schill distributed the Draft Regional Data Agenda for the Committee's review. The agenda will be presented for approval at the September 21 Regional Data Advisory Committee (RDAC). The next step for the RDAC is to prioritize action items from the agenda and work through them.

Smart Region Task Force – Aaron Schill & Thea Walsh
The Smart Region Task Force is a two-year committee that meets monthly. They are currently working on their first deliverable, the Smart Streets Policy. The draft policy was reviewed at the August meeting and will be rolled into the attributable funding process.

Transportation Policy Committee Update – Thea Walsh
The Downtown C-pass program has 334 participating organizations. Franklin County is the largest with 2,963 members. There are nearly 10,000 active memberships and 11,412 approved memberships. The COTA mobile app is the most popular app. There are 45,000 passes available. Huntington Bank just became active and Nationwide becomes active October 1.

The Rapid Speed Transportation Initiative (RSTI) kick-off meeting with AECOM and WSP was August 20. AECOM is conducting the 9-month feasibility study and WSP is conducting the 1-year environmental impact statement. Funding partners include the City of Columbus ($250,000), ODOT ($200,000), and the City of Dublin ($50,000).

The Regional Smart Cities Initiative Conference is October 25. The conference includes a challenge in which the RSTI is competing. The winning entry will receive $250,000 for study and $10 million for implementation. Ms. Walsh is presenting the RSTI at the conference and the Smart Region Task Force is presenting the Smart Streets Policy.

Benefits & Compensation Committee – Joe Stefanov
The Benefits & Compensation Committee met August 7 to discuss annual merit increases and the results of the Clemans Nelson compensation and classification study performed this year. The meeting resulted in three outcomes, two of which are presented in Proposed Resolution EC-05-18:
- Included in the resolution, the committee recommends a 2.5 percent aggregate merit increase, with a range of 0-3 percent based on merit and an additional up to 2.5 percent authorization for wage adjustments, promotions, and saves.
- Included in the resolution, the committee recommends implementing the new grade ranges and chart based on Clemans Nelson market assessment.
- The committee authorized the executive director to provide a 1.5 percent wage increase for all permanent staff with a minimum of $1,000 (pro-rated for part time employees) to bring salaries up to market level. The increase is within the amount authorized by the Executive Committee last October in anticipation of the Clemans Nelson study.

MORPC Team Members and the Benefits & Compensation Committee were impressed with the work of Clemans Nelson. MORPC plans to use Clemans Nelson for ongoing assessment of new positions and grade positioning as needed.

- **Proposed Resolution EC-05-18**: "Setting compensation guidelines and limits for the 2019 compensation year"
  Joe Stefanov made a motion to approve Resolution EC-05-18, second by Kim Maggard; motion passed.

Proposed Resolution 18-18: "Authorizing the executive director to participate in contracts awarded by the Ohio Department of Transportation (ODOT) Cooperative Purchasing Program" – Thea Walsh
Matt Greeson made a motion to approve Resolution 18-18, second by Joe Stefanov; motion passed.

Proposed Resolution 19-18: "Authorizing the executive director to enter into and administer contracts for approximately $1.9 million with subrecipients receiving Federal Transit Administration (FTA) Section 5310 funding" – Thea Walsh
Matt Greeson made a motion to approve Resolution 19-18, second by Nancy White; motion passed.

Proposed Resolution 20-18: "Acceptance of revision to object code account appropriations for the operation of the Mid-Ohio Regional Planning Commission for 2018" – Shawn Hufstedler
Kim Maggard made a motion to approve Resolution 20-18, second by Nancy White; motion passed.

Proposed Resolution 21-18: "Accepting Hocking County as a member of the Mid-Ohio Regional Planning Commission (MORPC)" – William Murdock
Greg Lestini made a motion to approve Resolution 21-18, second by Franklin Christman; motion passed.

Quarterly Financial Statements – Shawn Hufstedler
Shawn Hufstedler reviewed the Quarterly Financial Statements and highlighted:
- The cash position is $1.810,001 which is greater than the 30-day target
- Accounts payable and accounts receivable are good
- Favorable fringe and indirect rates
- The operating loss may still be negative at year end but is now trending positive
- Member dues are positive
- Expenses were well within appropriations
- Operating reserve of 37 days
- Investment reserve of 64 days

Draft Commission Agenda
The Executive Committee reviewed the draft September 13, 2018 Commission Meeting Agenda.

Executive Session
Erik Janas announced the Executive Committee will go in Executive Session next month to discuss the executive director's compensation and contract. Today's scheduled session was just going to be a primer.

The meeting adjourned at 3:17 p.m.

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Erik J. Janas, Secretary
Executive Committee

Memorandum

TO: Mid-Ohio Regional Planning Commission
Executive Committee
Officers and Board Members

FROM: Aaron Schill, Director
Regional Data & Mapping

DATE: September 28, 2018

SUBJECT: Proposed Resolution 23-18: " Adoption of MORPC's 2019-
2020 Regional Data Agenda"

This resolution formally adopts the Mid-Ohio Regional Planning Commission's
(MORPC) 2019-2020 Regional Data Agenda. The Regional Data Advisory Committee
(RDAC) collaborated to create a robust and well-defined agenda centered around
data. It comprises five overarching goals, 21 objectives, and 61 strategic initiatives
and collaborative efforts that directly represent the interests and concerns of Central
Ohio.

The Regional Data Advisory Committee reviewed and edited the draft Regional Data
Agenda in meetings on July 9, 2018 and August 28, 2018, and approved the final
Regional Data Agenda at its September 21, 2018 meeting.

The 2019-2020 Regional Data Agenda serves as a framework for MORPC's staff and
members to guide the future of data activities in the region. The Regional Data
Agenda identifies specific projects to be undertaken to support the overarching data
objectives and MORPC's role around data in the region.

The RDAC agreed to a two-year timeframe for the Regional Data Agenda to ensure
that the goals, objectives, and action items remain relevant and appropriate to a
rapidly changing data and technology landscape. Prioritization of work within the
existing agenda will be reviewed and updated on a continual basis; however, at the
end of the two-year timeframe, the full agenda will be reviewed, edited, and re-written
as necessary.

Attachment: Resolution 23-18.

RESOLUTION 23-18

"Adoption of MORPC's 2019-2020 Regional Data Agenda"

WHEREAS, members of the Mid-Ohio Regional Planning Commission (MORPC) Board and the Regional Data Advisory Committee collaborated to create a robust and well-defined 2019-2020 Regional Data Agenda; and

WHEREAS, the Regional Data Agenda's vision is of a diverse community of local governments and stakeholders collaborating on data-related practices, opportunities, and tools to support regional growth and vitality in the Central Ohio region; and

WHEREAS, the 2019-2020 Regional Data Agenda provides a framework for the goals and objectives that guide MORPC's Regional Data Advisory Committee, sub-committees, members, and staff; and

WHEREAS, Goal 1 is "In its role as a convener and facilitator, MORPC will foster collaboration among local governments, partners, and stakeholders to enhance the use of data in Central Ohio"; and

WHEREAS, Goal 2 is "MORPC will support and provide opportunities for data capacity building & education that increase both the human and technological capabilities of the Region"; and

WHEREAS, Goal 3 is "MORPC will promote good data governance & practices that protect local governments and their citizens, and adapt to the evolving data and technology landscape"; and

WHEREAS, Goal 4 is "MORPC will continually innovate in its role as a data creator, user, and provider through ongoing data procurement and development"; and

WHEREAS, Goal 5 is "MORPC will serve as a model for data access, inclusivity, & equity, ensuring the benefits and opportunities data can create are extended to all Central Ohio residents"; and

WHEREAS, MORPC is committed to furthering data initiatives that contribute to the overall health, quality of life and economic prosperity of the region; now therefore

BE IT RESOLVED BY THE **MID-OHIO REGIONAL PLANNING COMMISSION**:

Section 1.   That it supports and adopts the 2019-2020 Regional Data Agenda, as documented in the Attachment.

Section 2.   That the Executive Director is authorized to take such other action and execute and deliver such other documents as, acting with the advice of legal counsel, he shall deem necessary and appropriate to carry out the intent of this resolution.

Section 3.   That this Commission finds and determines that all formal deliberations and actions of this Commission concerning and relating to the adoption of this resolution were taken in open meetings of this Commission.

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Rory McGuiness, Chair
MID-OHIO REGIONAL PLANNING COMMISSION

Effective date: October 11, 2018
Submitted by: Aaron Schill, Director, Regional Data and Mapping
Prepared by: Aaron Schill, Director, Regional Data and Mapping
Authority: Ohio Revised Code Section 713.21
For action date: October 11, 2018
Attachment(s):   2019-2020 Regional Data Agenda

GOAL	OBJECTIVE	ACTION ITEM/INDICATOR
Goal 1 In its role as a convener and facilitator, MORPC will **FOSTER COLLABORATION** among local governments, partners, and stakeholders to enhance the use of data in Central Ohio.		
1.1 Convene meetings of local government staff responsible for creating and maintaining the region's data resources.		1.1.1 Host quarterly meetings of the Central Ohio GIS Users Group (COGUG).
		1.1.2 Host quarterly meetings of Central Ohio Systems Management Organizational Sharing (COSMOS).
		1.1.3 Support and coordinate with the MORPC Smart Region Task Force.
		1.1.4 Support the creation of a new Central Ohio data users group.
1.2 Support the creation of a regional open data portal.		1.2.1 Make data and maps created by MORPC available through MORPC's open data site.
		1.2.2 Provide technical support, guidance, and represent other local governments in the creation of the Smart Columbus Operating System.
		1.2.3 Establish use cases and functional requirements for a regional open data portal.
		1.2.4 Increase the number of data providers connected to the regional open data portal.
		1.2.5 Identify a sustainable host agency and funding source for the regional open data portal.
1.3 Pursue new relationships with private sector, nonprofit, and academic data partners.		1.3.1 Develop collaborative partnerships with other leading data organizations in Central Ohio (e.g., The Ohio State University Center for Urban & Regional Analysis (CURA) and Center for Human Resource Research, the City of Columbus, state agencies, etc.).
		1.3.2 Establish MORPC as a partner representing Columbus in the National Neighborhood Indicators Partnership.
		1.3.3 Engage in a partnership with at least one new private sector entity.
1.4 Promote data-centered local decision-making.		1.4.1 Develop best-practice case studies on how data can be used to make better policy decisions.

GOAL	OBJECTIVE	ACTION ITEM/INDICATOR
Goal 2 MORPC will support and provide opportunities for data **CAPACITY BUILDING & EDUCATION** that increase both the human and technological capabilities of the Region.		
2.1 Develop a MORPC Data Academy that builds technical capacity for defined user groups/target audiences.		2.1.1 Develop different tracks and curricula for different audiences (basic data literacy, effective data storytelling, etc.).
		2.1.2 Identify community partners and funders to ensure broad access and participation.
		2.1.3 Hold one MORPC Data Academy.
2.2 Connect local governments to the civic tech community by organizing and participating in hackathon and mapathon events.		2.2.1 MORPC staff to sponsor a use case or serve as a judge for at least one hackathon.
		2.2.2 Organize a hackathon or mapathon event with a focus on local government and issues of regional significance.
2.3 Establish a regional Data Day to promote data education and access throughout Central Ohio.		2.3.1 Build funding support and partnerships for a one-day, data-focused event.
		2.3.2 Host a regional Data Day.
2.4 Proactively support and produce communications that promote data literacy and awareness of Central Ohio data resources.		2.4.1 Demonstrate the value of regional data through a series of blog posts or news stories analyzing important regional trends.
		2.4.2 Host in-person and virtual events to highlight available data resources and enhance data literacy.
		2.4.3 Develop templates and best practices for local governments to improve communications using data.
		2.4.4 Capitalize on MORPC's existing communications channels to increase messaging about data resources and practices.
		2.4.5 Review MORPC's digital and print materials to ensure they demonstrate good data communications practices.
2.5 Encourage the construction of digital infrastructure through existing and new funding sources.		2.5.1 Develop a Regional Smart Streets Policy to ensure digital infrastructure is incorporated into projects using MORPC attributable funding.
		2.5.2 Develop a Smart Region Playbook that identifies how "smart region" policies, including digital infrastructure, will be incorporated into MORPC projects and committees.
		2.5.3 Develop a Smart Region Resource Guide that provides local governments with guidance on building digital infrastructure through best-practices, policies, and funding opportunities.
		2.5.4 Pursue and support local government efforts to secure state and federal funding to build digital infrastructure, particularly in unserved and underserved areas.
2.6 Pursue projects and initiatives that keep Central Ohio at the forefront of data and technology innovation.		2.6.1 Serve in a leadership role on the Smart Columbus initiative (specifically development of the Smart Columbus Operating System), representing local governments and regional data users.
		2.6.2 Pursue one new project per year that advances MORPC's data analytics or technological capacity.

Goal 3 MORPC will promote good data **GOVERNANCE & PRACTICES** that protect local governments and their citizens, and adapt to the evolving data and technology landscape.	
3.1 Encourage the adoption of good data policies by member communities.	3.1.1 Conduct an audit of MORPC's current data governance policies.
	3.1.2 Implement new comprehensive data governance policies for MORPC to serve as a model for local governments.
	3.1.3 Compile best practices for data governance.
	3.1.4 Publish a data governance, management, and security toolkit for local governments.
3.2 Partner with the Regional Policy Roundtable to advocate for strong, open, and inclusive data policies and funding at the federal and state	3.2.1 Continue to monitor federal and state legilsation for data-related public policies.
	3.2.2 When appropriate, provide testimony or other input to legislators to further the goals set forth in the Regional Data Agenda.
3.3 Track and develop guidance on emerging data policy issues.	3.3.1 Maintain a list of emerging data issues that are important to local governments (e.g., revenue generation from data, incorporating blockchain into local government, etc.).
	3.3.2 Solicit expert guidance to ensure RDAC members are up-to-date on emerging issues.
	3.3.3 Publish briefings/fact sheets on emerging issues for MORPC members.
3.4 Promote standardization of data across local governments in Central Ohio.	3.4.1 Develop and encourage adoption of standard schemas for common datasets that are collected by local governments across the region.

Goal 4 MORPC will continually innovate in its role as a data creator, user, and provider through ongoing **DATA PROCUREMENT AND DEVELOPMENT.**	
4.1 Inventory and structure MORPC's data resources to improve usability, eliminate redundancy, and enhance coordination with other data providers.	4.1.1 Create a comprehensive inventory of datasets that MORPC maintains.
	4.1.2 Develop a new internal data structure that makes data more discoverable and accessible to MORPC staff and easier to share with external users.
4.2 Identify priority data discovery areas – new datasets that are important to MORPC's work and to the region	4.2.1 Regularly survey local governments and other partners to identify new data needs.
	4.2.2 Maintain a list of data discovery topics of regional importance.
	4.2.3 Prioritize the data discovery list and pursue new datasets.
	4.2.4 Pursue new sources and formats of data (e.g., crowdsourced, MaaS user data, connected infrastructure, etc.)
4.3 Create and maintain regional datasets that are populated by local governments.	4.3.1 Expand the regional mapping datasets that MORPC currently maintains (address points, centerlines, bikeways, sidewalks) by adding new community editors.
	4.3.2 Create one new regional mapping dataset.
4.4 Increase the amount, diversity, and efficiency of MORPC's data collection through automation.	4.4.1 Partner with local governments to automate the collection of building permit data.
	4.4.2 Develop scripting to automate the collection of Census data.
	4.4.3 Pilot one project to begin collecting unstructured data.

Goal 5 MORPC will serve as a model for **DATA ACCESS, INCLUSIVITY, & EQUITY**, ensuring the benefits and opportunities data can create are extended to all Central Ohio residents. (*This goal will have its own objectives, but also spans Goals 1-4, ensuring that access, inclusivity, & equity are ubiquitous in those goals as well*)	
5.1 Promote broadband access for all Central Ohio residents.	5.1.1 Establish Central Ohio as the first region in the country recognized as a Digital Inclusion Trailblazer by the National Digital Inclusion Alliance.
	5.1.2 Improve mapping of broadband coverage across the Central Ohio region.
	5.1.3 Support projects and funding that bring broadband to unserved and underserved areas (especially rural and low-income urban areas).
5.2 Track data related to MORPC's agency-wide diversity and inclusion efforts.	5.2.1. Support actions from MORPC's internal and community diversity & inclusion working groups.
5.3 Develop tools and services that enhance the ability of users with varying skill levels to access and benefit from data about Central Ohio.	5.3.1 Expand on user experience research and user acceptance testing to improve understanding of our audiences' needs and capabilities.
	5.3.2 Research best practices on making data resources accessible to audiences with low data literacy.
	5.3.3 Ensure all MORPC data resources follow state of the practice standards for developing accessible technology.
	5.3.4 Create community partnerships to provide free/reduced cost data and mapping services to underserved populations.
	5.3.5 Utilize MORPC's data resources to understand and address social equity issues in Central Ohio (e.g., income disparity, housing affordability, etc.).

Memorandum

TO: Mid-Ohio Regional Planning Commission
Executive Committee
Officers and Board Members

FROM: Aaron Schill, Director
Regional Data & Mapping

DATE: September 28, 2018

SUBJECT: Proposed Resolution 22-18: **"Establishing population estimates as a basis for 2019 annual participation fees to be assessed members"**

The attached resolution provides population estimates for January 1, 2019 for the purpose of assessing participation fees from member jurisdictions. Five new members (Franklin Township [Franklin County], Hocking County, Jefferson Township [Franklin County], the City of Lancaster, and the Village of Plain City) were added to MORPC in 2018. The member participation fees ("dues") are calculated using the rates adopted in Resolution 16-18.

Included with the proposed resolution is a detailed list of the 2019 population estimates, member dues, and Commission representation for each MORPC member. Due to the methodological changes implemented in 2018, trending with prior years is not recommended; however, data from 2017 is included for each member in the detailed list for reference.

After consultation with the Delaware County Regional Planning Commission, MORPC decided to use that organization's population estimates for all MORPC member communities located entirely within Delaware County.

Attachment: Resolution 22-18

RESOLUTION 22-18

"Establishing population estimates as a basis for 2019 annual participation fees to be assessed members"

WHEREAS, MORPC staff has developed January 1, 2019 population estimates to provide a basis for local dues assessments, as per the Articles of Agreement; and

WHEREAS, 2019 participation fees are assessed at a rate of $0.565 per capita for members within the federally declared Metropolitan Planning Organization (MPO) Transportation Study Area boundaries of MORPC, $0.47 per capita for members within the Central Ohio Rural Planning Organization (CORPO) boundaries, and $0.37 for members not located within the MPO or CORPO areas, in accordance with Resolution 16-18; and

WHEREAS, $0.07 per capita is earmarked exclusively for the MORPC building/reserve, in accordance with Resolution 16-18; and

WHEREAS, Attachment 1 sets forth the population and dues assessments for MORPC members; now therefore

BE IT RESOLVED BY THE **MID-OHIO REGIONAL PLANNING COMMISSION**:

Section 1.   That the January 1, 2019 population estimates, as documented in the Attachment, are hereby adopted for the purpose of assessing 2019 participation fees, as listed in the Attachment.

Section 2.   That the executive director is authorized to take such other action and execute and deliver such other documents as, acting with the advice of legal counsel, he shall deem necessary and appropriate to carry out the intent of this resolution.

Section 3.   That this Commission finds and determines that all formal deliberations and actions of this Commission concerning and relating to the adoption of this resolution were taken in open meetings of this Commission.

_____
Rory McGuiness, Chair
MID-OHIO REGIONAL PLANNING COMMISSION

Effective date: October 11, 2018
Submitted by: Aaron Schill, Director, Regional Data & Mapping
Prepared by: Aaron Schill, Director, Regional Data & Mapping
Authority: Ohio Revised Code Section 713.21
For action date: October 11, 2018

Attachments: 2019 Population Estimates and Dues Assessment of MORPC Members
                        Population Estimate Methodoly

DRAFT 2019 Member Population Estimates and Dues Statement

Place Name	County	Government Type	2010 Census Household Population	2019 Population	2018 Population	2017 Population	Change in MORPC Population Estimates: 2018 - 2019	Change in MORPC Population Estimates: 2017- 2018	Single Family Housing Units: 2019	Multi Family Housing Units: 2019	Total Housing Units: 2019	Single Family Housing Units: 2018	Multi Family Housing Units: 2018	Total Housing Units: 2018	Change in Single Family Housing Units: 2018 - 2019	Change in Multi-Family Housing Units: 2018 - 2019	Change in Total Housing Units: 2018 + 2019	Member Type
CITY MEMBERS																		
Bexley	Franklin	City	12,059	13,387	13,262	13,233	125	30	3,535	1,137	4,672	3,529	1,137	4,666	6	-	6	MPO
Canal Winchester	Fairfield	City	815	1,714	1,653	1,261	61	392	329	205	534	312	205	517	17	-	17	MPO
Canal Winchester	Franklin	City	6,123	7,114	7,018	6,658	96	360	2,170	413	2,583	2,157	413	2,570	13	-	13	MPO
Canal Winchester	Total	City	6,938	8,828	8,671	7,919	157	752	2,499	618	3,117	2,469	618	3,087	30	-	30	
Columbus	Delaware	City	7,245	13,062	12,792	8,994	271	3,797	2,320	3,970	6,290	2,310	3,835	6,145	10	135	145	MPO
Columbus	Delaware	City	9,666	10,156	9,867	9,769	289	98	1,866	1,755	3,621	1,866	1,659	3,525	-	96	96	MPO
Columbus	Franklin	City	749,023	879,515	858,169	842,378	21,346	15,791	157,689	205,124	362,813	157,045	199,468	356,513	644	5,656	6,300	MPO
Columbus	Total	City	765,934	902,734	880,828	861,141	21,906	19,687	161,875	210,849	372,724	161,221	204,962	366,183	654	5,887	6,541	
Delaware	Delaware	City	32,712	39,929	39,214	37,853	715	1,361	a	a	a	a	a	a	a	a	a	MPO
Dublin	Delaware	City	4,018	4,123	4,090	4,419	32	(329)	1,436	38	1,474	1,424	38	1,462	12	-	12	MPO
Dublin	Franklin	City	35,240	41,782	40,693	39,285	1,089	1,409	10,572	4,345	14,917	10,412	4,227	14,639	160	118	278	MPO
Dublin	Union	City	2,366	3,950	3,717	3,622	233	95	1,083	117	1,200	1,019	117	1,136	64	-	64	MPO
Dublin	Total	City	41,624	49,854	48,500	47,325	1,354	1,175	13,091	4,500	17,591	12,855	4,382	17,237	236	118	354	
Gahanna	Franklin	City	33,077	36,078	35,708	33,984	370	1,723	9,922	3,959	13,881	9,910	3,953	13,863	12	6	18	MPO
Grandview Heights	Franklin	City	6,536	8,483	7,850	7,284	633	566	1,920	1,853	3,773	1,889	1,617	3,506	31	236	267	MPO
Grove City	Franklin	City	35,293	42,403	41,495	38,144	908	3,351	11,025	5,172	16,197	10,921	5,056	15,977	104	116	220	MPO
Groveport	Franklin	City	5,363	5,868	5,793	5,638	74	155	1,701	536	2,237	1,693	536	2,229	8	-	8	MPO
Hilliard	Franklin	City	28,280	38,108	37,063	34,631	1,045	2,432	9,002	4,761	13,763	8,920	4,557	13,477	82	204	286	MPO
Lancaster	Fairfield	City	38,780	40,888	40,391	39,953	497	438	9,685	7,099	16,784	9,605	7,075	16,680	80	24	104	CORPO
Marysville	Union	City	19,162	24,224	23,559	23,286	665	273	5,770	2,747	8,517	5,587	2,706	8,293	183	41	224	CORPO
New Albany	Franklin	City	7,701	10,874	10,680	9,425	194	1,255	2,847	458	3,305	2,817	458	3,275	30	-	30	MPO
New Albany	Licking	City	23	23	23	32	(0)	(9)	5	6	11	5	6	11	-	-	-	MPO
New Albany Total	Total	City	7,724	10,897	10,704	9,457	194	1,247	2,852	464	3,316	2,822	464	3,286	30	-	30	
Pataskala	Licking	City	14,871	17,565	17,175	15,611	390	1,564	4,975	1,497	6,472	4,894	1,455	6,349	81	42	123	MPO
Pickerington	Fairfield	City	18,122	22,341	21,119	19,595	1,223	1,524	5,588	1,857	7,445	5,439	1,586	7,025	149	271	420	MPO
Pickerington	Franklin	City	86	101	101	123	1	(22)	24	4	28	24	4	28	-	-	-	MPO
Pickerington	Total	City	18,208	22,443	21,219	19,718	1,223	1,501	5,612	1,861	7,473	5,463	1,590	7,053	149	271	420	
Powell	Delaware	City	11,500	14,461	14,238	13,153	223	1,085	a	a	a	a	a	a	a	a	a	MPO
Reynoldsburg	Fairfield	City	910	937	931	918	6	13	37	447	484	37	447	484	-	-	-	MPO
Reynoldsburg	Franklin	City	26,132	27,181	26,787	26,603	394	184	6,645	4,386	11,031	6,645	4,320	10,965	-	66	66	MPO
Reynoldsburg	Licking	City	8,826	9,454	9,416	9,019	38	397	2,582	639	3,221	2,582	639	3,221	-	-	-	MPO
Reynoldsburg	Total	City	35,868	37,573	37,135	36,540	438	594	9,264	5,472	14,736	9,264	5,406	14,670	-	66	66	
Upper Arlington	Franklin	City	33,517	35,558	35,164	34,562	394	602	11,189	2,995	14,184	11,160	2,995	14,155	29	-	29	MPO
Westerville	Delaware	City	7,632	9,225	8,894	8,064	331	830	2,636	914	3,550	2,636	742	3,378	-	172	172	MPO
Westerville	Franklin	City	26,803	30,732	29,694	29,831	1,038	(137)	8,399	3,263	11,662	8,340	2,966	11,306	59	297	356	MPO
Westerville	Total	City	34,435	39,957	38,588	37,895	1,369	693	11,035	4,177	15,212	10,976	3,708	14,684	59	469	528	
Whitehall	Franklin	City	18,046	18,532	18,365	18,433	167	(68)	3,139	4,398	7,537	3,139	4,398	7,537	-	-	-	MPO
Worthington	Franklin	City	13,364	14,441	14,285	13,650	156	635	4,712	1,236	5,948	4,701	1,236	5,937	11	-	11	MPO
VILLAGE MEMBERS																		
Galena	Delaware	Village	653	823	799	781	24	18	a	a	a	a	a	a	a	a	a	MPO
Shawnee Hills	Delaware	Village	681	805	800	776	5	24	a	a	a	a	a	a	a	a	a	MPO
Sunbury	Delaware	Village	4,385	5,456	5,219	5,085	237	134	a	a	a	a	a	a	a	a	a	MPO
Lithopolis	Fairfield	Village	1,074	1,477	1,424	1,334	53	90	471	105	576	454	105	559	17	-	17	MPO
Lithopolis	Franklin	Village	32	68	67	65	1	2	21	4	25	21	4	25	-	-	-	MPO
Lithopolis	Total	Village	1,106	1,545	1,492	1,399	53	93	492	109	601	475	109	584	17		17	-
Lockbourne	Franklin	Village	237	243	241	237	2	4	61	34	95	61	34	95	-	-	-	MPO
Marble Cliff	Franklin	Village	573	587	582	573	5	9	185	107	292	185	107	292	-	-	-	MPO
Minerva Park	Franklin	Village	1,272	1,557	1,357	1,272	200	85	611	36	647	530	36	566	81	-	81	MPO

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Place Name	2019 Dues	2018 Dues	2017 Dues	Change in Dues: 2018-2019	2019 Dues Rate	2018 Dues Rate	2017 Dues Rate	2019 Representatives	2018 Representatives	2017 Representatives
CITY MEMBERS										
Bexley	$ 7,564	$ 7,361	$ 7,113	$ 203	$ 0.565	$ 0.555	$ 0.538	2	2	2
Canal Winchester	$ 968	$ 917	$ 678	$ 51	$ 0.565	$ 0.555	$ 0.538			
Canal Winchester	$ 4,019	$ 3,895	$ 3,579	$ 124	$ 0.565	$ 0.555	$ 0.538			
Canal Winchester	$ 4,988	$ 4,812	$ 4,257	$ 175		$ 0.555	$ 0.538	1	1	1
Columbus	$ 7,380	$ 7,099	$ 4,834	$ 281	$ 0.565	$ 0.555	$ 0.538			
Columbus	$ 5,738	$ 5,476	$ 5,251	$ 262	$ 0.565	$ 0.555	$ 0.538			
Columbus	$ 496,926	$ 476,284	$ 452,778	$ 20,642	$ 0.565	$ 0.555	$ 0.538			
Columbus	$ 510,045	$ 488,859	$ 462,863	21,185		$ 0.555	$ 0.538	15	15	15
Delaware	$ 22,560	$ 21,764	$ 20,346	$ 796	$ 0.565	$ 0.555	$ 0.538	2	2	2
Dublin	$ 2,329	$ 2,270	$ 2,375	$ 59	$ 0.565	$ 0.555	$ 0.538			
Dublin	$ 23,607	$ 22,585	$ 21,116	$ 1,022	$ 0.565	$ 0.555	$ 0.538			
Dublin	$ 2,232	$ 2,063	$ 1,947	$ 169	$ 0.565	$ 0.555	$ 0.538			
Dublin	$ 28,168	$ 26,918	$ 25,437	$ 1,250		$ 0.555	$ 0.538	3	3	3
Gahanna	$ 20,384	$ 19,818	$ 18,267	$ 566	$ 0.565	$ 0.555	$ 0.538	2	2	2
Grandview Heights	$ 4,793	$ 4,357	$ 3,915	$ 436	$ 0.565	$ 0.555	$ 0.538	1	1	1
Grove City	$ 23,958	$ 23,030	$ 20,502	$ 928	$ 0.565	$ 0.555	$ 0.538	3	3	2
Groveport	$ 3,315	$ 3,215	$ 3,030	$ 100	$ 0.565	$ 0.555	$ 0.538	1	1	1
Hilliard	$ 21,531	$ 20,570	$ 16,498	$ 961	$ 0.565	$ 0.555	$ 0.538	2	2	2
Lancaster	$ 19,217 b	b	b		$ 0.470	$ 0.360	$ 0.343	3 b	b	
Marysville	$ 11,385	$ 8,481	$ 7,975	$ 2,904	$ 0.470	$ 0.360	$ 0.343	2	2	2
New Albany	$ 6,144	$ 5,928	$ 5,066	$ 216	$ 0.565	$ 0.555	$ 0.538			
New Albany	$ 13	$ 13	$ 17	$ 0	$ 0.565	$ 0.555	$ 0.538			
New Albany Total	$ 6,157	$ 5,941	$ 5,083	$ 217		$ 0.555	$ 0.538	2	2	1
Pataskala	$ 9,924	$ 9,532	$ 8,391	$ 392	$ 0.565	$ 0.555	$ 0.538	2	2	2
Pickerington	$ 12,623	$ 11,721	$ 10,532	$ 902	$ 0.565	$ 0.555	$ 0.538			
Pickerington	$ 57	$ 56	$ 66	$ 2	$ 0.565	$ 0.555	$ 0.538			
Pickerington	$ 12,680	$ 11,777	$ 10,598	$ 903		$ 0.555	$ 0.538	2	2	2
Powell	$ 8,170	$ 7,902	$ 7,070	$ 268	$ 0.565	$ 0.555	$ 0.538	2	2	2
Reynoldsburg	$ 529	$ 517	$ 493	$ 12	$ 0.565	$ 0.555	$ 0.538			
Reynoldsburg	$ 15,357	$ 14,867	$ 14,299	$ 490	$ 0.565	$ 0.555	$ 0.538			
Reynoldsburg	$ 5,342	$ 5,226	$ 4,848	$ 116	$ 0.565	$ 0.555	$ 0.538			
Reynoldsburg	$ 21,228	$ 20,610	$ 19,640	$ 619		$ 0.555	$ 0.538	2	2	2
Upper Arlington	$ 20,090	$ 19,516	$ 18,577	$ 574	$ 0.565	$ 0.555	$ 0.538	2	2	2
Westerville	$ 5,212	$ 4,936	$ 4,334	$ 276	$ 0.565	$ 0.555	$ 0.538			
Westerville	$ 17,364	$ 16,480	$ 16,034	$ 884	$ 0.565	$ 0.555	$ 0.538			
Westerville	$ 22,576	$ 21,416	$ 20,369	$ 1,160		$ 0.555	$ 0.538	2	2	2
Whitehall	$ 10,471	$ 10,193	$ 9,908	$ 278	$ 0.565	$ 0.555	$ 0.538	2	2	2
Worthington	$ 8,159	$ 7,928	$ 7,337	$ 231	$ 0.565	$ 0.555	$ 0.538	2	2	2
VILLAGE MEMBERS										
Galena	$ 1,000	$ 1,000	$ 1,000	$ -	$ 0.565	$ 0.555	$ 0.538	1	1	1
Shawnee Hills	$ 1,000	$ 1,000	$ 1,000	$ -	$ 0.565	$ 0.555	$ 0.538	1	1	1
Sunbury	$ 1,000	$ 2,897	$ 2,733	$ (1,897)	$ 0.565	$ 0.555	$ 0.538	1	1	1
Lithopolis	$ 834	$ 791	$ 717	$ 44	$ 0.565	$ 0.555	$ 0.538			
Lithopolis	$ 38	$ 37	$ 35	$ 1	$ 0.565	$ 0.555	$ 0.538			
Lithopolis	$ 1,000	$ 1,000	$ 1,000	$ -		$ 0.555	$ 0.538	1	1	1
Lockbourne	$ 1,000	$ 1,000	$ 1,000	$ -	$ 0.565	$ 0.555	$ 0.538	1	1	1
Marble Cliff	$ 1,000	$ 1,000	$ 1,000	$ -	$ 0.565	$ 0.555	$ 0.538	1	1	1
Minerva Park	$ 1,000	$ 1,000	$ 1,000	$ -	$ 0.565	$ 0.555	$ 0.538	1	1	1

Place Name	County	Government Type	2010 Census Household Population	2019 Population	2018 Population	2017 Population	Change in MORPC Population Estimates: 2018 - 2019	Change in MORPC Population Estimates: 2017-2018	Single Family Housing Units: 2019	Multi Family Housing Units: 2019	Total Housing Units: 2019	Single Family Housing Units: 2018	Multi Family Housing Units: 2018	Total Housing Units: 2018	Change in Single Family Housing Units: 2018 - 2019	Change in Multi-Family Housing Units: 2018 - 2019	Change in Total Housing Units: 2018 + 2019	Member Type
Obetz	Franklin	Village	4,532	5,227	5,063	4,665	164	397	1,508	372	1,880	1,464	372	1,836	44	-	44	MPO
Riverlea	Franklin	Village	545	569	564	548	5	16	202	23	225	202	23	225	-	-	-	MPO
Urbancrest	Franklin	Village	960	991	980	967	11	13	131	209	340	130	209	339	1	-	1	MPO
Johnstown	Licking	Village	4,577	5,390	5,340	4,973	51	367	1,305	860	2,165	1,294	860	2,154	11	-	11	Non-MPO
Somerset	Perry	Village	1,418	1,517	1,517	1,466	(0)	51	355	262	617	355	262	617	-	-	-	Non-MPO
Ashville	Pickaway	Village	4,097	4,088	4,133	4,104	(45)	29	886	726	1,612	886	726	1,612	-	-	-	CORPO
Plain City	Madison	Village	3,397	3,672	3,383	3,480	289	(97)	1,008	387	1,395	945	387	1,332	63	-	63	CORPO
Plain City	Union	Village	828	787	783	1,004	4	(221)	212	114	326	211	114	325	1	-	1	CORPO
Plain City	Total	Village	4,225	4,460	4,166	4,484	294	(318)	1,220	501	1,721	1,156	501	1,657	64	-	64	-
TOWNSHIP MEMBERS																		
Liberty	Delaware	Township	14,581	17,334	16,894	16,525	440	369	a	a	a	a	a	a	a	a	a	MPO
Bloom	Fairfield	Township	7,016	7,623	7,494	7,218	130	276	2,472	175	2,647	2,443	175	2,618	29	-	29	MPO
Violet	Fairfield	Township	18,904	20,540	20,240	19,602	300	638	6,480	344	6,824	6,422	344	6,766	58	-	58	MPO
Blendon	Franklin	Township	7,793	8,054	7,968	7,866	86	101	2,131	762	2,893	2,126	762	2,888	5	-	5	MPO
Clinton	Franklin	Township	4,104	4,226	4,188	4,130	38	58	1,073	830	1,903	1,073	830	1,903	-	-	-	MPO
Jefferson	Franklin	Township	10,234	12,613	12,124	11,009	489	1,115	135	-	135				135	-	135	MPO
Madison	Franklin	Township	10,794	11,102	10,994	10,814	108	180	3,166	829	3,995	3,163	829	3,992	3	-	3	MPO
Mifflin	Franklin	Township	2,462	2,533	2,510	2,469	23	41	588	355	943	588	355	943	-	-	-	MPO
Perry	Franklin	Township	3,637	3,749	3,712	3,661	37	51	1,297	48	1,345	1,296	48	1,344	1	-	1	MPO
Plain	Franklin	Township	2,022	2,256	2,233	2,149	23	84	710	176	886	709	176	885	1	-	1	MPO
Prairie	Franklin	Township	16,498	16,948	16,770	16,681	178	89	4,677	1,667	6,344	4,667	1,667	6,334	10	-	10	MPO
Etna	Licking	Township	8,311	9,801	9,538	8,928	263	610	2,736	869	3,605	2,652	869	3,521	84	-	84	MPO
Granville	Licking	Township	4,110	4,375	4,322	4,259	53	63	1,412	176	1,588	1,399	176	1,575	13	-	13	Non-MPO
Jerome	Union	Township	4,347	6,970	6,309	6,210	661	99	2,380	141	2,521	2,159	141	2,300	221	-	221	MPO
COUNTY MEMBERS																		
Delaware County Total			171,846	208,067	203,991	194,693	4,077	9,298	6,392	4,922	11,314	6,370	4,615	10,985	22	307	329	-
City Total (10% population dues)			63,107	80,800	79,228	72,483	1,572	6,745	6,392	4,922	11,314	6,370	4,615	10,985	22	307	329	-
Columbus	Delaware	City	7,245	13,062	12,792	8,994	271	3,797	2,320	3,970	6,290	2,310	3,835	6,145	10	135	145	MPO
Delaware	Delaware	City	32,712	39,929	39,214	37,853	715	1,361	a	a	a	a	a	a	a	a	a	MPO
Dublin	Delaware	City	4,018	4,123	4,090	4,419	32	(329)	1,436	38	1,474	1,424	38	1,462	12	-	12	MPO
Powell	Delaware	City	11,500	14,461	14,238	13,153	223	1,085	a	a	a	a	a	a	a	a	a	MPO
Westerville	Delaware	City	7,632	9,225	8,894	8,064	331	830	2,636	914	3,550	2,636	742	3,378	-	172	172	MPO
Village Total (100% population dues)			7,678	9,415	9,063	8,851	352	212	-	-	-	-	-	-	-	-	-	-
Ashley	Delaware	Village	1,316	1,347	1,345	1,345	2	-	a	a	a	a	a	a	a	a	a	MPO
Galena	Delaware	Village	653	823	799	781	24	18	a	a	a	a	a	a	a	a	a	MPO
Ostrander	Delaware	Village	643	985	900	864	85	36	a	a	a	a	a	a	a	a	a	MPO
Shawnee Hills	Delaware	Village	681	805	800	776	5	24	a	a	a	a	a	a	a	a	a	MPO
Sunbury	Delaware	Village	4,385	5,456	5,219	5,085	237	134	a	a	a	a	a	a	a	a	a	MPO
Township Total (100% population dues)			101,061	117,852	115,700	113,359	2,152	2,341	-	-	-	-	-	-	-	-	-	-
Berkshire	Delaware	Township	2,428	3,498	3,296	3,124	202	172	a	a	a	a	a	a	a	a	a	MPO
Berlin	Delaware	Township	6,496	7,622	7,419	7,234	203	185	a	a	a	a	a	a	a	a	a	MPO
Brown	Delaware	Township	1,416	1,502	1,496	1,481	6	15	a	a	a	a	a	a	a	a	a	MPO
Concord	Delaware	Township	9,145	11,066	10,749	10,647	317	102	a	a	a	a	a	a	a	a	a	MPO
Delaware	Delaware	Township	1,964	2,100	2,084	2,074	16	10	a	a	a	a	a	a	a	a	a	MPO
Genoa	Delaware	Township	23,090	25,935	25,718	25,437	217	281	a	a	a	a	a	a	a	a	a	MPO
Harlem	Delaware	Township	3,953	4,389	4,272	4,186	117	86	a	a	a	a	a	a	a	a	a	MPO
Kingston	Delaware	Township	2,156	2,351	2,299	2,281	52	18	a	a	a	a	a	a	a	a	a	MPO
Liberty	Delaware	Township	14,581	17,334	16,894	16,525	440	369	a	a	a	a	a	a	a	a	a	MPO
Marlboro	Delaware	Township	281	296	291	290	5	1	a	a	a	a	a	a	a	a	a	MPO
Orange	Delaware	Township	23,762	29,142	28,703	27,743	439	960	a	a	a	a	a	a	a	a	a	MPO
Oxford	Delaware	Township	987	1,018	1,013	1,011	5	2	a	a	a	a	a	a	a	a	a	MPO

Place Name	2019 Dues	2018 Dues	2017 Dues	Change in Dues: 2018-2019	2019 Dues Rate	2018 Dues Rate	2017 Dues Rate	2019 Representatives	2018 Representatives	2017 Representatives
Obetz	$ 2,953	$ 2,810	$ 2,508	$ 143	$ 0.565	$ 0.555	$ 0.538	1	1	1
Riverlea	$ 1,000	$ 1,000	$ 1,000	$ -	$ 0.565	$ 0.555	$ 0.538	1	1	1
Urbancrest	$ 1,000	$ 1,000	$ 1,000	$ -	$ 0.565	$ 0.555	$ 0.538	1	1	1
Johnstown	$ 1,994	$ 1,922	$ 1,703	$ 72	$ 0.370	$ 0.360	$ 0.343	1	1	1
Somerset	$ 1,000	$ 1,000	$ 1,000	$ -	$ 0.370	$ 0.360	b	1	1	1
Ashville	$ 1,921	$ 1,488	$ 1,409	$ 433	$ 0.470	$ 0.360	$ 0.343	1	1	1
Plain City	$ 1,726	b	b	b	$ 0.470	b	b			
Plain City	$ 370	b	b	b	$ 0.470	b	b			
Plain City	$ 2,096	b	b	b		b	b	1 b	b	

TOWNSHIP MEMBERS

Place Name	2019 Dues	2018 Dues	2017 Dues	Change in Dues: 2018-2019	2019 Dues Rate	2018 Dues Rate	2017 Dues Rate	2019 Representatives	2018 Representatives	2017 Representatives
Liberty	$ 9,794	$ 9,376	$ 8,882	$ 418	$ 0.565	$ 0.555	$ 0.538	2	2	2
Bloom	$ 4,307	$ 4,159	$ 3,880	$ 148	$ 0.565	$ 0.555	$ 0.538	1	1	1
Violet	$ 11,605	$ 11,233	$ 10,536	$ 372	$ 0.565	$ 0.555	$ 0.538	2	2	2
Blendon	$ 4,551	$ 4,422	$ 4,228	$ 128	$ 0.565	$ 0.555	$ 0.538	1	1	1
Clinton	$ 2,388	$ 2,324	$ 2,220	$ 64	$ 0.565	$ 0.555	$ 0.538	1	1	1
Jefferson	$ 7,126	b		b	$ 0.565	$ 0.555	$ 0.538	2 b	b	
Madison	$ 6,273	$ 6,102	$ 5,813	$ 171	$ 0.565	$ 0.555	$ 0.538	2	2	2
Mifflin	$ 1,431	$ 1,393	$ 1,327	$ 38	$ 0.565	$ 0.555	$ 0.538	1	1	1
Perry	$ 2,118	$ 2,060	$ 1,968	$ 58	$ 0.565	$ 0.555	$ 0.538	1	1	1
Plain	$ 1,275	$ 1,239	$ 1,155	$ 35	$ 0.565	$ 0.555	$ 0.538	1	1	1
Prairie	$ 9,575	$ 9,307	$ 8,966	$ 268	$ 0.565	$ 0.555	$ 0.538	2	2	2
Etna	$ 5,538	$ 5,294	$ 4,799	$ 244	$ 0.565	$ 0.555	$ 0.538	1	1	1
Granville	$ 1,619	$ 1,556	$ 1,459	$ 63	$ 0.370	$ 0.360	$ 0.343	1	1	1
Jerome	$ 3,938	$ 3,501	$ 3,338	$ 437	$ 0.565	$ 0.555	$ 0.538	1	1	1

COUNTY MEMBERS

Place Name	2019 Dues	2018 Dues	2017 Dues	Change in Dues: 2018-2019	2019 Dues Rate	2018 Dues Rate	2017 Dues Rate	2019 Representatives	2018 Representatives	2017 Representatives
Delaware County Total	$ 76,471	$ 73,641	$ 69,584	$ 2,831				7	7	7
City Total (10% population)	$ 4,565	$ 4,397	$ 3,896	$ 168						
Columbus	$ 738	$ 710	$ 483	$ 28	$ 0.565	$ 0.555	$ 0.538			
Delaware	$ 2,256	$ 2,176	$ 2,035	$ 80	$ 0.565	$ 0.555	$ 0.538			
Dublin	$ 233	$ 227	$ 238	$ 6	$ 0.565	$ 0.555	$ 0.538			
Powell	$ 817	$ 790	$ 707	$ 27	$ 0.565	$ 0.555	$ 0.538			
Westerville	$ 521	$ 494	$ 433	$ 28	$ 0.565	$ 0.555	$ 0.538			
Village Total (100% population)	$ 5,319	$ 5,030	$ 4,757	$ 290						
Ashley	$ 761	$ 746	$ 723	$ 14	$ 0.565	$ 0.555	$ 0.538			
Galena	$ 465	$ 443	$ 420	$ 21	$ 0.565	$ 0.555	$ 0.538			
Ostrander	$ 556	$ 500	$ 464	$ 57	$ 0.565	$ 0.555	$ 0.538			
Shawnee Hills	$ 455	$ 444	$ 417	$ 11	$ 0.565	$ 0.555	$ 0.538			
Sunbury	$ 3,083	$ 2,897	$ 2,733	$ 186	$ 0.565	$ 0.555	$ 0.538			
Township Total (100% population)	$ 66,587	$ 64,214	$ 60,930	$ 2,373						
Berkshire	$ 1,977	$ 1,829	$ 1,679	$ 147	$ 0.565	$ 0.555	$ 0.538			
Berlin	$ 4,307	$ 4,118	$ 3,888	$ 189	$ 0.565	$ 0.555	$ 0.538			
Brown	$ 848	$ 830	$ 796	$ 18	$ 0.565	$ 0.555	$ 0.538			
Concord	$ 6,252	$ 5,966	$ 5,723	$ 286	$ 0.565	$ 0.555	$ 0.538			
Delaware	$ 1,186	$ 1,157	$ 1,115	$ 30	$ 0.565	$ 0.555	$ 0.538			
Genoa	$ 14,653	$ 14,273	$ 13,672	$ 380	$ 0.565	$ 0.555	$ 0.538			
Harlem	$ 2,480	$ 2,371	$ 2,250	$ 109	$ 0.565	$ 0.555	$ 0.538			
Kingston	$ 1,328	$ 1,276	$ 1,226	$ 52	$ 0.565	$ 0.555	$ 0.538			
Liberty	$ 9,794	$ 9,376	$ 8,882	$ 418	$ 0.565	$ 0.555	$ 0.538			
Marlboro	$ 167	$ 162	$ 156	$ 6	$ 0.565	$ 0.555	$ 0.538			
Orange	$ 16,465	$ 15,930	$ 14,912	$ 535	$ 0.565	$ 0.555	$ 0.538			
Oxford	$ 575	$ 562	$ 543	$ 13	$ 0.565	$ 0.555	$ 0.538			

Place Name	County	Government Type	2010 Census Household Population	2019 Population	2018 Population	2017 Population	Change in MORPC Population Estimates: 2018-2019	Change in MORPC Population Estimates: 2017-2018	Single Family Housing Units: 2019	Multi Family Housing Units: 2019	Total Housing Units: 2019	Single Family Housing Units: 2018	Multi Family Housing Units: 2018	Total Housing Units: 2018	Change in Single Family Housing Units: 2018-2019	Change in Multi-Family Housing Units: 2018-2019	Change in Total Housing Units: 2018+2019	Member Type
Porter	Delaware	Township	1,923	2,155	2,116	2,084	39	32	a	a	a	a	a	a	a	a	a	MPO
Radnor	Delaware	Township	1,540	1,642	1,622	1,607	20	15	a	a	a	a	a	a	a	a	a	MPO
Scioto	Delaware	Township	2,350	2,592	2,542	2,490	50	52	a	a	a	a	a	a	a	a	a	MPO
Thompson	Delaware	Township	684	725	720	717	5	3	a	a	a	a	a	a	a	a	a	MPO
Trenton	Delaware	Township	2,190	2,295	2,277	2,254	18	23	a	a	a	a	a	a	a	a	a	MPO
Troy	Delaware	Township	2,115	2,193	2,189	2,174	4	15	a	a	a	a	a	a	a	a	a	MPO
Franklin County Total			1,138,190	1,318,164	1,288,346	1,257,460	29,817	30,886	276,269	252,705	528,974	274,771	246,006	520,777	1,498	6,699	8,197	-
City Total (10% population dues)			1,036,643	1,210,159	1,182,129	1,153,863	28,030	28,266	244,491	244,040	488,531	243,302	237,341	480,643	1,189	6,699	7,888	-
Bexley	Franklin	City	12,059	13,387	13,262	13,233	125	30	3,535	1,137	4,672	3,529	1,137	4,666	6	-	6	MPO
Canal Winchester	Franklin	City	6,123	7,114	7,018	6,658	96	360	2,170	413	2,583	2,157	413	2,570	13	-	13	MPO
Columbus	Franklin	City	749,023	879,515	858,169	842,378	21,346	15,791	157,689	205,124	362,813	157,045	199,468	356,513	644	5,656	6,300	MPO
Dublin	Franklin	City	35,240	41,782	40,693	39,285	1,089	1,409	10,572	4,345	14,917	10,412	4,227	14,639	160	118	278	MPO
Gahanna	Franklin	City	33,077	36,078	35,708	33,984	370	1,723	9,922	3,959	13,881	9,910	3,953	13,863	12	6	18	MPO
Grandview Heights	Franklin	City	6,536	8,483	7,850	7,284	633	566	1,920	1,853	3,773	1,889	1,617	3,506	31	236	267	MPO
Grove City	Franklin	City	35,293	42,403	41,495	38,144	908	3,351	11,025	5,172	16,197	10,921	5,056	15,977	104	116	220	MPO
Groveport	Franklin	City	5,363	5,868	5,793	5,638	74	155	1,701	536	2,237	1,693	536	2,229	8	-	8	MPO
Hilliard	Franklin	City	28,280	38,108	37,063	34,631	1,045	2,432	9,002	4,761	13,763	8,920	4,557	13,477	82	204	286	MPO
New Albany	Franklin	City	7,701	10,874	10,680	9,425	194	1,255	2,847	458	3,305	2,817	458	3,275	30	-	30	MPO
Pickerington	Franklin	City	86	101	101	123	1	(22)	24	4	28	24	4	28	-	-	-	MPO
Reynoldsburg	Franklin	City	26,132	27,181	26,787	26,603	394	184	6,645	4,386	11,031	6,645	4,320	10,965	-	66	66	MPO
Upper Arlington	Franklin	City	33,517	35,558	35,164	34,562	394	602	11,189	2,995	14,184	11,160	2,995	14,155	29	-	29	MPO
Westerville	Franklin	City	26,803	30,732	29,694	29,831	1,038	(137)	8,399	3,263	11,662	8,340	2,966	11,306	59	297	356	MPO
Whitehall	Franklin	City	18,046	18,532	18,365	18,433	167	(68)	3,139	4,398	7,537	3,139	4,398	7,537	-	-	-	MPO
Worthington	Franklin	City	13,364	14,441	14,285	13,650	156	635	4,712	1,236	5,948	4,701	1,236	5,937	11	-	11	MPO
Village Total (100% population dues)			9,205	10,322	9,923	9,405	399	518	3,014	915	3,929	2,888	915	3,803	126	-	126	-
Brice	Franklin	Village	114	117	116	114	1	2	32	9	41	32	9	41	-	-	-	MPO
Harrisburg	Franklin	Village	320	328	325	320	3	5	95	43	138	95	43	138	-	-	-	MPO
Lithopolis	Franklin	Village	32	68	67	65	1	2	21	4	25	21	4	25	-	-	-	MPO
Lockbourne	Franklin	Village	237	243	241	237	2	4	61	34	95	61	34	95	-	-	-	MPO
Marble Cliff	Franklin	Village	573	587	582	573	5	9	185	107	292	185	107	292	-	-	-	MPO
Minerva Park	Franklin	Village	1,272	1,557	1,357	1,272	200	85	611	36	647	530	36	566	81	-	81	MPO
Obetz	Franklin	Village	4,532	5,227	5,063	4,665	164	397	1,508	372	1,880	1,464	372	1,836	44	-	44	MPO
Riverlea	Franklin	Village	545	569	564	548	5	16	202	23	225	202	23	225	-	-	-	MPO
Urbancrest	Franklin	Village	960	991	980	967	11	13	131	209	340	130	209	339	1	-	1	MPO
Valleyview	Franklin	Village	620	635	630	643	6	(14)	168	78	246	168	78	246	-	-	-	MPO
Township Total (100% population dues)			92,342	97,683	96,294	94,193	1,388	2,102	28,764	7,750	36,514	28,581	7,750	36,331	183	-	183	-
Blendon	Franklin	Township	7,793	8,054	7,968	7,866	86	101	2,131	762	2,893	2,126	762	2,888	5	-	5	MPO
Brown	Franklin	Township	2,249	2,452	2,390	2,298	63	92	792	38	830	778	38	816	14	-	14	MPO
Clinton	Franklin	Township	4,104	4,226	4,188	4,130	38	58	1,073	830	1,903	1,073	830	1,903	-	-	-	MPO
Franklin	Franklin	Township	9,581	9,905	9,813	9,794	92	20	2,192	1,569	3,761	2,191	1,569	3,760	1	-	1	MPO
Hamilton	Franklin	Township	4,438	4,557	4,516	4,441	41	75	1,531	301	1,832	1,531	301	1,832	-	-	-	MPO
Jackson	Franklin	Township	4,072	4,283	4,236	4,132	47	104	1,430	154	1,584	1,427	154	1,581	3	-	3	MPO
Jefferson	Franklin	Township	10,234	12,613	12,124	11,009	489	1,115	4,095	278	4,373	3,960	278	4,238	135	-	135	MPO
Madison	Franklin	Township	10,794	11,102	10,994	10,814	108	180	3,166	829	3,995	3,163	829	3,992	3	-	3	MPO
Mifflin	Franklin	Township	2,462	2,533	2,510	2,469	23	41	588	355	943	588	355	943	-	-	-	MPO
Norwich	Franklin	Township	3,982	4,121	4,081	4,002	40	79	1,460	216	1,676	1,459	216	1,675	1	-	1	MPO
Perry	Franklin	Township	3,637	3,749	3,712	3,661	37	51	1,297	48	1,345	1,296	48	1,344	1	-	1	MPO
Plain	Franklin	Township	2,022	2,256	2,233	2,149	23	84	710	176	886	709	176	885	1	-	1	MPO
Pleasant	Franklin	Township	6,344	6,628	6,544	6,405	84	139	2,227	204	2,431	2,218	204	2,422	9	-	9	MPO
Prairie	Franklin	Township	16,498	16,948	16,770	16,681	178	89	4,677	1,667	6,344	4,667	1,667	6,334	10	-	10	MPO
Sharon	Franklin	Township	1,845	1,906	1,888	1,852	17	37	749	110	859	749	110	859	-	-	-	MPO
Truro	Franklin	Township	1,304	1,336	1,324	1,304	12	20	328	146	474	328	146	474	-	-	-	MPO
Washington	Franklin	Township	983	1,012	1,003	1,186	9	(183)	318	67	385	318	67	385	-	-	-	MPO

Place Name	2019 Dues	2018 Dues	2017 Dues	Change in Dues: 2018-2019	2019 Dues Rate	2018 Dues Rate	2017 Dues Rate	2019 Representatives	2018 Representatives	2017 Representatives
Porter	$ 1,217	$ 1,174	$ 1,120	$ 43	$ 0.565	$ 0.555	$ 0.538			
Radnor	$ 928	$ 900	$ 864	$ 27	$ 0.565	$ 0.555	$ 0.538			
Scioto	$ 1,465	$ 1,411	$ 1,338	$ 54	$ 0.565	$ 0.555	$ 0.538			
Thompson	$ 410	$ 400	$ 385	$ 10	$ 0.565	$ 0.555	$ 0.538			
Trenton	$ 1,296	$ 1,264	$ 1,212	$ 33	$ 0.565	$ 0.555	$ 0.538			
Troy	$ 1,239	$ 1,215	$ 1,169	$ 24	$ 0.565	$ 0.555	$ 0.538			
Franklin County Total	$ 129,396	$ 124,559	$ 117,492	$ 4,838				11	11	11
City Total (10% population (	$ 68,374	$ 65,608	$ 61,808	$ 2,766						
Bexley	$ 756	$ 736	$ 711	$ 20	$ 0.565	$ 0.555	$ 0.538			
Canal Winchester	$ 402	$ 390	$ 358	$ 12	$ 0.565	$ 0.555	$ 0.538			
Columbus	$ 49,693	$ 47,628	$ 45,278	$ 2,064	$ 0.565	$ 0.555	$ 0.538			
Dublin	$ 2,361	$ 2,258	$ 2,112	$ 102	$ 0.565	$ 0.555	$ 0.538			
Gahanna	$ 2,038	$ 1,982	$ 1,827	$ 57	$ 0.565	$ 0.555	$ 0.538			
Grandview Heights	$ 479	$ 436	$ 392	$ 44	$ 0.565	$ 0.555	$ 0.538			
Grove City	$ 2,396	$ 2,303	$ 2,050	$ 93	$ 0.565	$ 0.555	$ 0.538			
Groveport	$ 332	$ 322	$ 303	$ 10	$ 0.565	$ 0.555	$ 0.538			
Hilliard	$ 2,153	$ 2,057	$ 1,650	$ 96	$ 0.565	$ 0.555	$ 0.538			
New Albany	$ 614	$ 593	$ 507	$ 22	$ 0.565	$ 0.555	$ 0.538			
Pickerington	$ 6	$ 6	$ 7	$ 0	$ 0.565	$ 0.555	$ 0.538			
Reynoldsburg	$ 1,536	$ 1,487	$ 1,430	$ 49	$ 0.565	$ 0.555	$ 0.538			
Upper Arlington	$ 2,009	$ 1,952	$ 1,858	$ 57	$ 0.565	$ 0.555	$ 0.538			
Westerville	$ 1,736	$ 1,648	$ 1,603	$ 88	$ 0.565	$ 0.555	$ 0.538			
Whitehall	$ 1,047	$ 1,019	$ 991	$ 28	$ 0.565	$ 0.555	$ 0.538			
Worthington	$ 816	$ 793	$ 734	$ 23	$ 0.565	$ 0.555	$ 0.538			
Village Total (100% popula	$ 5,832	$ 5,507	$ 5,055	$ 324						
Brice	$ 66	$ 64	$ 61	$ 2	$ 0.565	$ 0.555	$ 0.538			
Harrisburg	$ 185	$ 180	$ 172	$ 5	$ 0.565	$ 0.555	$ 0.538			
Lithopolis	$ 38	$ 37	$ 35	$ 1	$ 0.565	$ 0.555	$ 0.538			
Lockbourne	$ 137	$ 134	$ 127	$ 4	$ 0.565	$ 0.555	$ 0.538			
Marble Cliff	$ 332	$ 323	$ 308	$ 9	$ 0.565	$ 0.555	$ 0.538			
Minerva Park	$ 880	$ 753	$ 684	$ 126	$ 0.565	$ 0.555	$ 0.538			
Obetz	$ 2,953	$ 2,810	$ 2,508	$ 143	$ 0.565	$ 0.555	$ 0.538			
Riverlea	$ 321	$ 313	$ 295	$ 9	$ 0.565	$ 0.555	$ 0.538			
Urbancrest	$ 560	$ 544	$ 520	$ 16	$ 0.565	$ 0.555	$ 0.538			
Valleyview	$ 359	$ 349	$ 346	$ 10	$ 0.565	$ 0.555	$ 0.538			
Township Total (100% popu	$ 55,191	$ 53,443	$ 50,629	$ 1,747						
Blendon	$ 4,551	$ 4,422	$ 4,228	$ 128	$ 0.565	$ 0.555	$ 0.538			
Brown	$ 1,386	$ 1,326	$ 1,235	$ 59	$ 0.565	$ 0.555	$ 0.538			
Clinton	$ 2,388	$ 2,324	$ 2,220	$ 64	$ 0.565	$ 0.555	$ 0.538			
Franklin	$ 5,597	$ 5,446	$ 5,264	$ 150	$ 0.565	$ 0.555	$ 0.538			
Hamilton	$ 2,575	$ 2,506	$ 2,387	$ 69	$ 0.565	$ 0.555	$ 0.538			
Jackson	$ 2,420	$ 2,351	$ 2,221	$ 69	$ 0.565	$ 0.555	$ 0.538			
Jefferson	$ 7,126	$ 6,729	$ 5,917	$ 398	$ 0.565	$ 0.555	$ 0.538			
Madison	$ 6,273	$ 6,102	$ 5,813	$ 171	$ 0.565	$ 0.555	$ 0.538			
Mifflin	$ 1,431	$ 1,393	$ 1,327	$ 38	$ 0.565	$ 0.555	$ 0.538			
Norwich	$ 2,328	$ 2,265	$ 2,151	$ 63	$ 0.565	$ 0.555	$ 0.538			
Perry	$ 2,118	$ 2,060	$ 1,968	$ 58	$ 0.565	$ 0.555	$ 0.538			
Plain	$ 1,275	$ 1,239	$ 1,155	$ 35	$ 0.565	$ 0.555	$ 0.538			
Pleasant	$ 3,745	$ 3,632	$ 3,442	$ 113	$ 0.565	$ 0.555	$ 0.538			
Prairie	$ 9,575	$ 9,307	$ 8,966	$ 268	$ 0.565	$ 0.555	$ 0.538			
Sharon	$ 1,077	$ 1,048	$ 995	$ 29	$ 0.565	$ 0.555	$ 0.538			
Truro	$ 755	$ 735	$ 701	$ 20	$ 0.565	$ 0.555	$ 0.538			
Washington	$ 572	$ 557	$ 638	$ 15	$ 0.565	$ 0.555	$ 0.538			

Place Name	County	Government Type	2010 Census Household Population	2019 Population	2018 Population	2017 Population	Change in MORPC Population Estimates: 2018-2019	Change in MORPC Population Estimates: 2017-2018	Single Family Housing Units: 2019	Multi Family Housing Units: 2019	Total Housing Units: 2019	Single Family Housing Units: 2018	Multi Family Housing Units: 2018	Total Housing Units: 2018	Change in Single Family Housing Units: 2018 - 2019	Change in Multi-Family Housing Units: 2018 - 2019	Change in Total Housing Units: 2018 + 2019	Member Type
Hocking County Total			29,380	28,586	29,041	28,015	(455)	1,026	10,180	3,409	13,589	8,455	3,024	11,479	-	-	-	
City Total (10% population dues)			7,152	7,042	7,154	7,100	(112)	54	1,732	1,320	3,052	1,732	1,320	3,052	-	-	-	-
Logan	Hocking	City	7,152	7,042	7,154	7,100	(112)	54	1,732	1,320	3,052	1,732	1,320	3,052	-	-	-	Non-MPO
Hocking County	Hocking	Remainder	22,228	21,544	21,887	20,915	(343)	972	16,102	7,371	23,473	6,723	1,704	8,427	-	-	-	Non-MPO
Perry County Total			35,751	36,172	36,182	35,945	(11)	237	10,272	3,508	13,780	10,272	3,508	13,780	-	-	-	
Village Total (100% population dues)			13,826	13,892	13,896	13,917	(4)	(21)	3,322	2,163	5,485	3,322	2,163	5,485	-	-	-	
Corning	Perry	Village	583	575	575	568	(0)	7	158	68	226	158	68	226	-	-	-	Non-MPO
Crooksville	Perry	Village	2,534	2,498	2,499	2,498	(1)	1	597	380	977	597	380	977	-	-	-	Non-MPO
Glenford	Perry	Village	173	171	171	178	(0)	(7)	45	16	61	45	16	61	-	-	-	Non-MPO
Hemlock	Perry	Village	155	153	153	156	(0)	(3)	42	14	56	42	14	56	-	-	-	Non-MPO
Junction City	Perry	Village	819	808	808	805	(0)	3	181	134	315	181	134	315	-	-	-	Non-MPO
New Lexington	Perry	Village	4,643	4,696	4,697	4,768	(1)	(71)	1,032	818	1,850	1,032	818	1,850	-	-	-	Non-MPO
New Straitsville	Perry	Village	722	712	712	711	(0)	1	192	101	293	192	101	293	-	-	-	Non-MPO
Rendville	Perry	Village	36	35	36	36	(0)	(0)	16	2	18	16	2	18	-	-	-	Non-MPO
Roseville	Perry	Village	1,097	1,084	1,085	1,094	(0)	(9)	245	167	412	245	167	412	-	-	-	Non-MPO
Shawnee	Perry	Village	655	646	646	641	(0)	5	187	48	235	187	48	235	-	-	-	Non-MPO
Somerset	Perry	Village	1,418	1,517	1,517	1,466	(0)	51	355	262	617	355	262	617	-	-	-	Non-MPO
Thornville	Perry	Village	991	997	998	996	(0)	2	272	153	425	272	153	425	-	-	-	Non-MPO
Township Total (100% population dues)			21,925	22,280	22,287	22,028	(7)	259	6,950	1,345	8,295	6,950	1,345	8,295	-	-	-	Non-MPO
Bearfield	Perry	Township	1,677	1,653	1,654	1,655	(0)	(1)	532	76	608	532	76	608	-	-	-	Non-MPO
Clayton	Perry	Township	1,565	1,543	1,543	1,538	(0)	5	472	95	567	472	95	567	-	-	-	Non-MPO
Coal	Perry	Township	320	316	316	307	(0)	9	93	33	126	93	33	126	-	-	-	Non-MPO
Harrison	Perry	Township	1,622	1,599	1,600	1,595	(0)	5	531	97	628	531	97	628	-	-	-	Non-MPO
Hopewell	Perry	Township	2,226	2,263	2,264	2,217	(1)	47	672	98	770	672	98	770	-	-	-	Non-MPO
Jackson	Perry	Township	2,037	2,008	2,009	2,008	(1)	1	627	105	732	627	105	732	-	-	-	Non-MPO
Madison	Perry	Township	1,377	1,358	1,358	1,350	(0)	8	410	80	490	410	80	490	-	-	-	Non-MPO
Monday Creek	Perry	Township	727	717	717	713	(0)	4	211	54	265	211	54	265	-	-	-	Non-MPO
Monroe	Perry	Township	889	877	877	863	(0)	14	292	55	347	292	55	347	-	-	-	Non-MPO
Pike	Perry	Township	2,083	2,163	2,163	2,132	(1)	31	638	243	881	638	243	881	-	-	-	Non-MPO
Pleasant	Perry	Township	846	834	834	833	(0)	1	303	29	332	303	29	332	-	-	-	Non-MPO
Reading	Perry	Township	2,889	2,939	2,940	2,915	(1)	25	942	97	1,039	942	97	1,039	-	-	-	Non-MPO
Salt Lick	Perry	Township	452	446	446	440	(0)	6	137	26	163	137	26	163	-	-	-	Non-MPO
Thorn	Perry	Township	3,215	3,565	3,566	3,462	(1)	104	1,090	257	1,347	1,090	257	1,347	-	-	-	Non-MPO
Ross County Total			71,711	78,528	77,713	78,533	816	(820)	20,778	8,507	29,285	20,712	8,507	29,219	66		66	-
City Total (10% population dues)			21,207	21,809	21,608	21,961	202	(354)	5,598	3,848	9,446	5,588	3,848	9,436	10	-	10	-
Chillicothe	Ross	City	21,207	21,809	21,608	21,961	202	(354)	5,598	3,848	9,446	5,588	3,848	9,436	10	-	10	Non-MPO
Village Total (100% population dues)			3,968	3,969	3,934	4,040	35	(106)	1,140	526	1,666	1,139	526	1,665	1	-	1	-
Adelphi	Ross	Village	380	377	374	388	3	(14)	116	38	154	116	38	154	-	-	-	Non-MPO
Bainbridge	Ross	Village	843	854	847	868	7	(21)	232	125	357	232	125	357	-	-	-	Non-MPO
Clarksburg	Ross	Village	455	454	448	463	6	(15)	116	51	167	115	51	166	1	-	1	Non-MPO
Frankfort	Ross	Village	1,054	1,058	1,050	1,071	9	(22)	296	154	450	296	154	450	-	-	-	Non-MPO
Kingston	Ross	Village	1,032	1,024	1,016	1,039	8	(23)	318	140	458	318	140	458	-	-	-	Non-MPO
South Salem	Ross	Village	204	202	201	212	2	(11)	62	18	80	62	18	80	-	-	-	Non-MPO
Township Total (100% population dues)			46,536	52,749	52,171	52,531	578	(360)	14,040	4,133	18,173	13,985	4,133	18,118	55	-	55	-
Buckskin	Ross	Township	1,835	1,868	1,847	1,851	21	(4)	563	109	672	561	109	670	2	-	2	Non-MPO
Colerain	Ross	Township	1,754	1,799	1,779	1,784	20	(5)	550	130	680	548	130	678	2	-	2	Non-MPO
Concord	Ross	Township	3,347	3,458	3,414	3,437	44	(23)	1,049	239	1,288	1,043	239	1,282	6	-	6	Non-MPO
Deerfield	Ross	Township	603	619	606	611	13	(5)	194	51	245	191	51	242	3	-	3	Non-MPO
Franklin	Ross	Township	1,705	1,704	1,688	1,720	17	(32)	487	169	656	486	169	655	1	-	1	Non-MPO
Green	Ross	Township	3,878	3,948	3,900	3,910	48	(11)	1,284	226	1,510	1,278	226	1,504	6	-	6	Non-MPO
Harrison	Ross	Township	1,320	1,323	1,312	1,331	11	(20)	410	108	518	410	108	518	-	-	-	Non-MPO
Huntington	Ross	Township	6,220	6,313	6,239	6,270	74	(30)	1,847	474	2,321	1,839	474	2,313	8	-	8	Non-MPO

Place Name	2019 Dues	2018 Dues	2017 Dues	Change in Dues: 2018-2019	2019 Dues Rate	2018 Dues Rate	2017 Dues Rate	2019 Representatives	2018 Representatives	2017 Representatives
Hocking County Total	$ 8,232							2	b	b
City Total (10% population	$ 261	b	b	b						
Logan	$ 261	b	b	b	$ 0.370	$ 0.360	$ 0.343			
Hocking County	$ 7,971	b	b	b	$ 0.370	$ 0.360	$ 0.343			
Perry County Total	$ 13,384	$ 13,026	$ -	$ 358				2	2	2
Village Total (100% populat	$ 5,140	$ 5,002	$ -	$ 137						
Corning	$ 213	$ 207	b	$ 6	$ 0.370	$ 0.360	b			
Crooksville	$ 924	$ 900	b	$ 25	$ 0.370	$ 0.360	b			
Glenford	$ 63	$ 61	b	$ 2	$ 0.370	$ 0.360	b			
Hemlock	$ 57	$ 55	b	$ 2	$ 0.370	$ 0.360	b			
Junction City	$ 299	$ 291	b	$ 8	$ 0.370	$ 0.360	b			
New Lexington	$ 1,737	$ 1,691	b	$ 46	$ 0.370	$ 0.360	b			
New Straitsville	$ 263	$ 256	b	$ 7	$ 0.370	$ 0.360	b			
Rendville	$ 13	$ 13	b	$ 0	$ 0.370	$ 0.360	b			
Roseville	$ 401	$ 390	b	$ 11	$ 0.370	$ 0.360	b			
Shawnee	$ 239	$ 233	b	$ 6	$ 0.370	$ 0.360	b			
Somerset	$ 561	$ 546	b	$ 15	$ 0.370	$ 0.360	b			
Thornville	$ 369	$ 359	b	$ 10	$ 0.370	$ 0.360	b			
Township Total (100% popu	$ 8,244	$ 8,023	$ -	$ 220						
Bearfield	$ 612	$ 595	b	$ 16	$ 0.370	$ 0.360	b			
Clayton	$ 571	$ 556	b	$ 15	$ 0.370	$ 0.360	b			
Coal	$ 117	$ 114	b	$ 3	$ 0.370	$ 0.360	b			
Harrison	$ 592	$ 576	b	$ 16	$ 0.370	$ 0.360	b			
Hopewell	$ 837	$ 815	b	$ 22	$ 0.370	$ 0.360	b			
Jackson	$ 743	$ 723	b	$ 20	$ 0.370	$ 0.360	b			
Madison	$ 502	$ 489	b	$ 13	$ 0.370	$ 0.360	b			
Monday Creek	$ 265	$ 258	b	$ 7	$ 0.370	$ 0.360	b			
Monroe	$ 324	$ 316	b	$ 9	$ 0.370	$ 0.360	b			
Pike	$ 800	$ 779	b	$ 21	$ 0.370	$ 0.360	b			
Pleasant	$ 309	$ 300	b	$ 8	$ 0.370	$ 0.360	b			
Reading	$ 1,087	$ 1,058	b	$ 29	$ 0.370	$ 0.360	b			
Salt Lick	$ 165	$ 160	b	$ 4	$ 0.370	$ 0.360	b			
Thorn	$ 1,319	$ 1,284	b	$ 35	$ 0.370	$ 0.360	b			
Ross County Total	$ 21,793	$ 20,976	$ 20,128	$ 817				3	3	3
City Total (10% population dues)	$ 807	$ 778	$ 752	$ 29						
Chillicothe	$ 807	$ 778	$ 752	$ 29	$ 0.370	$ 0.360	$ 0.343			
Village Total (100% populat	$ 1,469	$ 1,416	$ 1,384	$ 52						
Adelphi	$ 140	$ 135	$ 133	$ 5	$ 0.370	$ 0.360	$ 0.343			
Bainbridge	$ 316	$ 305	$ 297	$ 11	$ 0.370	$ 0.360	$ 0.343			
Clarksburg	$ 168	$ 161	$ 158	$ 7	$ 0.370	$ 0.360	$ 0.343			
Frankfort	$ 392	$ 378	$ 367	$ 14	$ 0.370	$ 0.360	$ 0.343			
Kingston	$ 379	$ 366	$ 356	$ 13	$ 0.370	$ 0.360	$ 0.343			
South Salem	$ 75	$ 72	$ 73	$ 3	$ 0.370	$ 0.360	$ 0.343			
Township Total (100% popu	$ 19,517	$ 18,781	$ 17,992	$ 736						
Buckskin	$ 691	$ 665	$ 634	$ 26	$ 0.370	$ 0.360	$ 0.343			
Colerain	$ 666	$ 641	$ 611	$ 25	$ 0.370	$ 0.360	$ 0.343			
Concord	$ 1,279	$ 1,229	$ 1,177	$ 51	$ 0.370	$ 0.360	$ 0.343			
Deerfield	$ 229	$ 218	$ 209	$ 11	$ 0.370	$ 0.360	$ 0.343			
Franklin	$ 631	$ 608	$ 589	$ 23	$ 0.370	$ 0.360	$ 0.343			
Green	$ 1,461	$ 1,404	$ 1,339	$ 57	$ 0.370	$ 0.360	$ 0.343			
Harrison	$ 489	$ 472	$ 456	$ 17	$ 0.370	$ 0.360	$ 0.343			
Huntington	$ 2,336	$ 2,246	$ 2,147	$ 90	$ 0.370	$ 0.360	$ 0.343			

Place Name	County	Government Type	2010 Census Household Population	2019 Population	2018 Population	2017 Population	Change in MORPC Population Estimates: 2018 - 2019	Change in MORPC Population Estimates: 2017-2018	Single Family Housing Units: 2019	Multi Family Housing Units: 2019	Total Housing Units: 2019	Single Family Housing Units: 2018	Multi Family Housing Units: 2018	Total Housing Units: 2018	Change in Single Family Housing Units: 2018 - 2019	Change in Multi-Family Housing Units: 2018 - 2019	Change in Total Housing Units: 2018 + 2019	Member Type
Jefferson	Ross	Township	991	1,005	994	1,008	11	(15)	294	104	398	293	104	397	1	-	1	Non-MPO
Liberty	Ross	Township	2,619	2,684	2,651	2,659	32	(7)	892	172	1,064	888	172	1,060	4	-	4	Non-MPO
Paint	Ross	Township	1,363	1,373	1,356	1,373	16	(17)	450	93	543	448	93	541	2	-	2	Non-MPO
Paxton	Ross	Township	1,199	1,276	1,255	1,264	21	(9)	356	129	485	352	129	481	4	-	4	Non-MPO
Scioto	Ross	Township	5,823	5,839	5,784	5,844	55	(61)	1,398	1,059	2,457	1,395	1,059	2,454	3	-	3	Non-MPO
Springfield	Ross	Township	2,654	2,700	2,670	2,682	30	(12)	768	330	1,098	765	330	1,095	3	-	3	Non-MPO
Twin	Ross	Township	3,384	3,418	3,377	3,413	41	(36)	1,113	192	1,305	1,108	192	1,300	5	-	5	Non-MPO
Union	Ross	Township	7,841	13,423	13,299	13,373	124	(74)	2,385	548	2,933	2,380	548	2,928	5	-	5	Non-MPO
Union County Total			49,368	58,505	56,722	58,272	1,783	(1,550)	16,901	4,357	21,258	16,379	4,316	20,695	522	41	563	
City Total (10% population dues)			21,528	28,174	27,276	26,907	898	368	6,853	2,864	9,717	6,606	2,823	9,429	247	41	288	
Dublin	Union	City	2,366	3,950	3,717	3,622	233	95	1,083	117	1,200	1,019	117	1,136	64	-	64	MPO
Marysville	Union	City	19,162	24,224	23,559	23,286	665	273	5,770	2,747	8,517	5,587	2,706	8,293	183	41	224	CORPO
Village Total (100% population dues)			4,350	4,172	4,149	4,638	23	(489)	1,135	578	1,713	1,131	578	1,709	4	-	4	
Magnetic Springs	Union	Village	268	253	253	268	1	(16)	62	48	110	62	48	110	-	-	-	CORPO
Milford Center	Union	Village	792	764	756	852	8	(96)	240	65	305	238	65	303	2	-	2	CORPO
Plain City	Union	Village	828	787	783	1,004	5	(222)	213	114	327	212	114	326	1	-	1	CORPO
Richwood	Union	Village	2,229	2,148	2,139	2,273	9	(135)	559	334	893	558	334	892	1	-	1	CORPO
Unionville Center	Union	Village	233	220	220	240	1	(21)	61	17	78	61	17	78	-	-	-	CORPO
Township Total (100% population dues)			23,490	26,159	25,297	26,726	862	(1,429)	8,913	915	9,828	8,642	915	9,557	271	-	271	
Allen	Union	Township	2,263	2,360	2,311	2,489	49	(178)	789	42	831	775	42	817	14	-	14	CORPO
Claibourne	Union	Township	1,290	1,270	1,258	1,317	12	(58)	430	58	488	427	58	485	3	-	3	CORPO
Darby	Union	Township	1,810	1,950	1,920	2,012	31	(92)	678	64	742	669	64	733	9	-	9	CORPO
Dover	Union	Township	2,158	2,127	2,112	2,183	15	(71)	733	95	828	730	95	825	3	-	3	CORPO
Jackson	Union	Township	966	945	937	1,008	9	(72)	308	46	354	306	46	352	2	-	2	CORPO
Jerome	Union	Township	4,347	6,970	6,309	6,210	661	99	2,380	141	2,521	2,159	141	2,300	221	-	221	MPO
Leesburg	Union	Township	1,146	1,136	1,130	1,182	6	(52)	380	64	444	379	64	443	1	-	1	CORPO
Liberty	Union	Township	1,948	1,959	1,923	2,071	35	(147)	637	74	711	627	74	701	10	-	10	CORPO
Millcreek	Union	Township	1,299	1,278	1,274	1,360	4	(86)	462	50	512	462	50	512	-	-	-	CORPO
Paris	Union	Township	1,574	1,557	1,544	1,970	13	(426)	539	57	596	536	57	593	3	-	3	CORPO
Taylor	Union	Township	1,560	1,511	1,504	1,619	7	(115)	538	41	579	537	41	578	1	-	1	CORPO
Union	Union	Township	971	948	937	1,009	11	(72)	311	66	377	308	66	374	3	-	3	CORPO
Washington	Union	Township	824	811	806	873	5	(67)	278	45	323	277	45	322	1	-	1	CORPO
York	Union	Township	1,334	1,337	1,333	1,424	4	(92)	450	72	522	450	72	522	-	-	-	CORPO
MORPC Member Total			2,853,611	3,311,616	3,238,748	3,155,180	72,868	83,568										

a - Population estimates were calculated by Delaware County Regional Planning Commission. Assumptions for housing units, occupancy rates, and household size are unknown.

b - New member this year. Previous dues calculations are not available.

Place Name	2019 Dues	2018 Dues	2017 Dues	Change in Dues: 2018-2019	2019 Dues Rate	2018 Dues Rate	2017 Dues Rate	2019 Representatives	2018 Representatives	2017 Representatives
Jefferson	$ 372	$ 358	$ 345	$ 14	$ 0.370	$ 0.360	$ 0.343			
Liberty	$ 993	$ 955	$ 911	$ 38	$ 0.370	$ 0.360	$ 0.343			
Paint	$ 508	$ 488	$ 470	$ 20	$ 0.370	$ 0.360	$ 0.343			
Paxton	$ 472	$ 452	$ 433	$ 20	$ 0.370	$ 0.360	$ 0.343			
Scioto	$ 2,161	$ 2,082	$ 2,002	$ 78	$ 0.370	$ 0.360	$ 0.343			
Springfield	$ 999	$ 961	$ 919	$ 38	$ 0.370	$ 0.360	$ 0.343			
Twin	$ 1,265	$ 1,216	$ 1,169	$ 49	$ 0.370	$ 0.360	$ 0.343			
Union	$ 4,966	$ 4,788	$ 4,580	$ 179	$ 0.370	$ 0.360	$ 0.343			
Union County Total	$ 16,280	$ 12,885	$ 12,945	$ 3,394				2	2	2
City Total (10% population (	$ 1,362	$ 1,054	$ 992	$ 307						
Dublin	$ 223	$ 206	$ 195	$ 17	$ 0.565	$ 0.555	$ 0.538			
Marysville	$ 1,139	$ 848	$ 798	$ 290	$ 0.470	$ 0.360	$ 0.343			
Village Total (100% populat	$ 1,961	$ 1,494	$ 1,588	$ 467						
Magnetic Springs	$ 119	$ 91	$ 92	$ 28	$ 0.470	$ 0.360	$ 0.343			
Milford Center	$ 359	$ 272	$ 292	$ 87	$ 0.470	$ 0.360	$ 0.343			
Plain City	$ 370	$ 282	$ 344	$ 88	$ 0.470	$ 0.360	$ 0.343			
Richwood	$ 1,009	$ 770	$ 779	$ 240	$ 0.470	$ 0.360	$ 0.343			
Unionville Center	$ 103	$ 79	$ 82	$ 24	$ 0.470	$ 0.360	$ 0.343			
Township Total (100% popu	$ 12,957	$ 10,337	$ 10,365	$ 2,620						
Allen	$ 1,109	$ 832	$ 853	$ 277	$ 0.470	$ 0.360	$ 0.343			
Claiboume	$ 597	$ 453	$ 451	$ 144	$ 0.470	$ 0.360	$ 0.343			
Darby	$ 917	$ 691	$ 689	$ 226	$ 0.470	$ 0.360	$ 0.343			
Dover	$ 999	$ 760	$ 748	$ 239	$ 0.470	$ 0.360	$ 0.343			
Jackson	$ 444	$ 337	$ 345	$ 107	$ 0.470	$ 0.360	$ 0.343			
Jerome	$ 3,938	$ 3,501	$ 3,338	$ 437	$ 0.565	$ 0.555	$ 0.538			
Leesburg	$ 534	$ 407	$ 405	$ 127	$ 0.470	$ 0.360	$ 0.343			
Liberty	$ 921	$ 692	$ 709	$ 228	$ 0.470	$ 0.360	$ 0.343			
Millcreek	$ 601	$ 459	$ 466	$ 142	$ 0.470	$ 0.360	$ 0.343			
Paris	$ 732	$ 556	$ 675	$ 176	$ 0.470	$ 0.360	$ 0.343			
Taylor	$ 710	$ 541	$ 554	$ 169	$ 0.470	$ 0.360	$ 0.343			
Union	$ 446	$ 337	$ 346	$ 108	$ 0.470	$ 0.360	$ 0.343			
Washington	$ 381	$ 290	$ 299	$ 91	$ 0.470	$ 0.360	$ 0.343			
York	$ 628	$ 480	$ 488	$ 149	$ 0.470	$ 0.360	$ 0.343			
MORPC Member Total	$ 1,153,422	$ 1,054,080	$ 995,249							

a - Population estimates we

b - New member this year. P

2018 POPULATION ESTIMATE METHODOLOGY

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BACKGROUND

This year, MORPC completed a comprehensive review of our process for estimating populations at the sub-county, jurisdictional level in the Central Ohio region. These estimates are completed annually for the purposes of calculating membership dues, determining member representation, as well as other analyses conducted by MORPC throughout the year. From this review, there was a concern that, even with previous years' efforts to 'close the gap' between MORPC population estimates and Census population estimates, the disparity between the two numbers persisted for some counties.

The gap for the entire 15-county MORPC region was closed to a difference of about 2,000 people in the 2017 estimates. However, in a county-by-county comparison, there were instances where MORPC estimates were greater than Census estimates by as many as 4,400 people, and where MORPC estimates were less than Census estimates by as many as 11,000 people[1]. After a thorough review of both the data inputs and the methodology used for population estimates, two key improvement areas were identified: (1) Improve upon the building permit data collection process; and (2) Implement a methodology that better controls for uncertainties and known limitations when conducting sub-county population estimates.

PREVIOUS METHODOLOGY

The MORPC methodology for estimating population for years before 2017 added population to each jurisdiction by multiplying the number of new housing units built each year by the 2010 average household size. The population living in group quarters (e.g. dormitories, correctional facilities, nursing homes) was assumed to stay constant from the 2010 Census counts.

For the 2017 estimates (released this time last year), an assumption was added to the methodology in an effort to close the widening gap between MORPC population estimates and Census population estimates. The assumption was that the housing unit method was not sufficiently accounting for international migration—a significant source of growth in Central Ohio. The method for applying 'international migration' was to use the total population growth from international migration in each county, and distribute that growth to sub-county jurisdictions based on the relative size of the foreign-born population in each place[2].

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1   *Licking County was overestimated by 4,404 people and Franklin County was underestimated by 10,996 people when comparing July 1, 2016 Census population estimates to January 1, 2017 MORPC population estimates.*

2   *The 2016 Census Population Estimate Program Components of Change table (PEPCCOMPN) was used to determine total International migration. The Census American Community Survey (5-year 2010-2014 estimates) was used to determine the distribution of the foreign-born population for each county.*

2018 REVISED METHODOLOGY

The revised 2018 population estimate methodology makes the most of what we know about the population with the highest degree of certainty (*see Figure 1, page 4*). First, we can make a reasonable estimate of county total populations by starting with the 2010 Census population, then adding or subtracting population by using total births and deaths, and total net migration (both domestic and international) up to the estimate year[3]. Second, we can reasonably estimate how the population in each county is *distributed* by estimating the population for each sub-county jurisdiction. This is done by multiplying new housing units by average household size and occupancy rate[4]. Finally, these estimates of the share of the household population living within each sub-county jurisidiction are multiplied by the total household population in each county—resulting in sub-county population estimates that are based on more-certain data about births, deaths and migration.

Furthermore, MORPC conducted an in-depth review of its building permit collection process and data this year. Through this review--which involved consultation with building and planning staff in many of our member jurisdictions—MORPC was able to collect and verify more complete and accurate data inputs for the 2018 population estimates.

LIMITATIONS OF THE HOUSING UNIT METHOD FOR ESTIMATING POPULATION

Estimating population becomes increasingly difficult when evaluating places with smaller population sizes. Even when the input data is believed to be complete and accurate, using the housing unit method of population estimation has limitations. The two main limitations are related to occupancy rates and average household size: (1) these rates can change over time, and (2) these rates for an entire area (city, village, or township) are applied homogenously across the jurisdiction, even though actual rates are always likely to vary from place to place within the jurisdiction.

Since it is not feasible to know these exact rates at a high-level of detail for the population estimate year, there is a degree of error expected when using the housing unit method of population estimation alone. However, knowing where new housing units have been built, and estimating how many people live in those new housing units provides data about how the population is distributed in an area with a better-known population total—in this case, counties.

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3   *County-level births and deaths from 2010 through 2017 were obtained from the Ohio Department of Public Health. Net Migration from 2010 through July 1, 2016 was obtained from the 2016 Census Population Estimates Program Components of Change (PEPCCOMPN). A trend analysis was used to estimate net migration for each county through January 1, 2018.*

4   *In order to estimate population based on new housing units, housing units are multiplied by occupancy rates (to account for the housing units that have no people living in them) and then by average household size (to estimate about how many people live in those new dwellings). In MORPC's analysis, single family and multi-family housing units were considered separately, using owner-occupied and renter-occupied rates, respectively.*

GROUP QUARTERS POPULATION

Group quarters populations consist of persons not living in traditional households, such as incarcerated persons, students in dorms, and people in senior living facilities, etc. They are calculated separately from household population because residential building permit data used to track population growth does not adequately account for these groups.

In the 2018 methodology, after calculating the household population for each community, the population living in group quarters was added to complete the total population estimate. In addition to the 2010 Census group quarters population, MORPC accounted for any known new facilities, or any known increases in existing facilities (e.g. OSU students living in student housing). New facilities were identified, and corresponding population was added, using building permit data, meetings with local planning staff, and a spatial analysis, which compared 2010 group quarters population with the group quarters population, as reported in the most recent 5-year estimates of the American Community Survey[4]. MORPC uses the Census definition of group quarters populations in its estimates.

BENCHMARKING OUR ESTIMATES

The Ohio Development Services Agency (ODSA) publishes annual sub-county population estimates for the entire state of Ohio. These estimates are not used for MORPC's purposes, because they are published on a time-delay that does not align with MORPC's need for current-year estimates. Regardless, the ODSA sub-county estimates serve as an important benchmark as MORPC completes its annual population estimates.
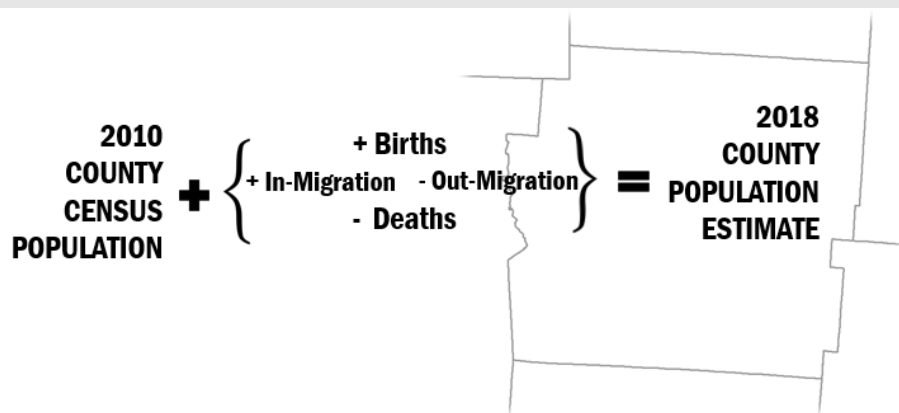
The ODSA estimates are calculated with a similar methodology to the one that MORPC has used for the 2018 estimates—estimating the population distribution using housing units, then applying that distribution to a county-level total, based on more certain, administrative records-based data sources (births, deaths, and migration)[5]. Because MORPC works with a smaller area than the State, we are able to collect and verify building permit data directly from many of our member communities. As a result, our building permit data inputs are sometimes different than the building permit reports collected by the State, which has an impact on the 'share' of the population assigned to each jurisdiction.

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4   *ACS group quarter counts have high margins of error and were not used directly in our estimates. They do, however, point to any new group quarters facilities that have been identified by the U.S. Census Bureaus since 2010. MORPC used this as one of many tools to identify these facilities.*

5   *The most recent Ohio Development Services Agency sub-county population estimates, along with a description of their methodology can be found at https://development.ohio.gov/files/research/P5027.pdf.*

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STEP 1
Calculate Total County Population

2010 COUNTY CENSUS POPULATION + { + Births + In-Migration - Out-Migration - Deaths } = 2018 COUNTY POPULATION ESTIMATE

STEP 2
Calculate Population Distribution

New Albany 0.84%

Pleasant Twp 0.52%

2010 CITY, VILLAGE & TOWNSHIP CENSUS POPULATION + { [NEW HOUSING UNITS] x [PEOPLE PER HOUSE] x [OCCUPANCY RATE] } = SUB-COUNTY POPULATION DISTRIBUTION

STEP 3
Calculate Member Estimates

{RESULTS FROM STEP 1}   {RESULTS FROM STEP 2}

2018 COUNTY POPULATION ESTIMATES × POPULATION DISTRIBUTION ESTIMATES = 2018 MORPC MEMBER POPULATION ESTIMATES

2018 MEMBER POPULATION ESTIMATES METHODOLOGY

FIGURE
1

Memorandum

TO: Mid-Ohio Regional Planning Commission
Executive Committee
Officers and Board Members

FROM: Thea Walsh, Director
Transportation Systems and Funding

DATE: September 28, 2018

SUBJECT: **Proposed Resolution 24-18:** "Authorizing the executive director to execute a Memorandum of Understanding with the Short North Alliance to support implementation of a Late Night Employee Shuttle Service as part of the Short North Parking Pilot Project"

Proposed Resolution 24-18 is authorizing the Executive Director to execute a Memorandum of Understanding with the Short North Alliance to support implementation of a Late Night Employee Shuttle Service in the Short North Area.

The City of Columbus has partnered with the Short North Alliance to fund the Employee Mobility Fund to provide Short North employers parking options for their employees. A part of this Employee Mobility Fund is the Late Night Employee Shuttle Service that will safely and reliably transport employees to and from underutilized parking options outside of the Short North limits.

The Shuttle Service will increase access for these employees and employers and serve as an employment recruitment and retainment tool for the Short North Arts District and Short North Parking Plan area.

Attachment: Resolution 24-18

"Authorizing the executive director to execute a Memorandum of Understanding with the Short North Alliance to support implementation of a Late Night Employee Shuttle Service as part of the Short North Parking Pilot Project."

WHEREAS, increasing development along the High Street Corridor in the Short North Special Improvement District has limited parking and requires the Short North area to explore alternative mobility options to support the District's employees; and

WHEREAS, the Short North Alliance and the Mid-Ohio Regional Planning Commission (MORPC) will create a Late Night Shuttle that will take Short North employees to their parking locations outside of the Short North Special Improvements District; and

WHEREAS, the parties agree that the shuttle will have an assumed cost of approximately $9,000 per month after a $660 one time set up fee; and

WHEREAS, there are up to 5,000 late night workers in the Short North Arts District who could use the Late Night Shuttle Service; and

WHEREAS, MORPC will provide up to a total of $80,000 from local transportation funds to support the pilot project for the Short North Alliance; and

WHEREAS, the parties agree that the Late Night Shuttle will provide employers ability to thrive in the District during a time of significant growth in the District; and

WHEREAS, the parties agree that while there are existing transportation options in the area, there are no current existing mobility options to support employees return trip to their vehicle at later hours; and

WHEREAS, the Shuttle must operate six (6) days a week (Monday thru Saturday) from 10 p.m.-3 a.m., including holidays, beginning January 22, 2019 for 52 consecutive weeks to serve reliably; and

WHEREAS, the Shuttle must provide customers on demand boardings and alignments along High Street between King Avenue to the north and Nationwide Street to the south. If at any time High Street is closed, the operator must provide an alternative on demand route encompassing these service boundaries; now therefore

BE IT RESOLVED BY THE **MID-OHIO REGIONAL PLANNING COMMISSION**:

Section 1.   To authorize the executive director to execute the Memorandum of Understanding with the Short North Alliance of Columbus to support implementation of a shuttle program for employers in downtown Columbus for up to $80,000.

Section 2.   That the executive director is authorized to approve one or more extensions for performance of services under the foregoing agreements and change orders for amounts up to the financial authorization levels in the MORPC bylaws without further authorization from this Commission.

Section 3.   That the executive director is authorized to take such other action and execute and deliver such other documents as, acting with the advice of legal counsel, he shall deem necessary and appropriate to carry out the intent of this resolution.

Section 4.   That this Commission finds and determines that all formal deliberations and actions

of this Commission concerning and relating to the adoption of this resolution were taken in open meetings of this Commission.

_____
Rory McGuiness, Chair
MID-OHIO REGIONAL PLANNING COMMISSION

Effective date: October 11, 2018
Submitted by: Thea Walsh, Transportation Systems & Funding Director
Prepared by: Thea Walsh, Transportation Systems & Funding Director
Authority: Ohio Revised Code Section 713.21
For action date: October 11, 2018