

LOCATION BASED RESPONSE SYSTEM DATA SPECIFICATION

Document Version 3.0

January 2008

MARKUP

THIS PAGE INTENTIONALLY
LEFT BLANK

Table of Contents

1	General Requirements	5
1.1	Data Layers and Tables	5
1.2	Data Formats	5
1.3	Coordinate System and Projection	6
1.4	Metadata	6
1.5	Standards	6
2	Database Specification	6
2.1	Address Points	6
2.2	Street Centerlines	8
2.3	Alternate Street Names Table	12
2.4	Centerline Points	13
2.5	Landmarks Table	14
3	Optional Data Capture	14
4	Data Quality and Acceptance Requirements	15
4.1	Data Quality	15
4.2	Acceptance Criteria and Procedures	16
	NLFID	21
	3D Segment Length and Log Point Computation	22
	Appendix B – US POSTAL SERVICE PUB 28	34
	Appendix C – County Codes	35
	Appendix D – Township Codes	37
	Appendix E – Municipal FIPS Codes	71

Items highlighted in **green** represent clarifications to the June 2005 LBRS Data Specification v2.1.

Items highlighted in **yellow** represent changes to the June 2005 LBRS Data Specification v2.1.

Introduction

This document provides a technical data specification for the collection and compilation of street centerline and address information to support the Ohio Geographically Referenced Information Program (OGRIP), Location Based Response System (LBRS). This specification is intended to serve as a minimum set of data requirements and standards for each of the data layers captured, developed, or maintained to create the Centerline and site-specific address layers for the State's LBRS. These requirements will enable the data to be integrated with existing ODOT, 911, and State Enterprise Geocoding application databases and will serve as a guideline for future maintenance activity data requirements.

1 General Requirements

1.1 Data Layers and Tables

The following data layers and tables will be compiled to meet the minimum LBRS requirement.

Data Element	Type	Description
Address Points	Point Layer	This layer contains unique point locations for addressable structures.
Street Centerlines	Line Layer	This layer contains street centerline segments.
Alternate Street Names	Table/Value	This table/value contains alternate street names.
Centerline Points	3D Point Layer	This layer contains points locations used to create road centerlines.
Landmarks	Point Layer	When used this layer contains point locations used to identify landmarks and common place names. This is an optional table.

1.2 Data Formats

All GIS Data layers must be delivered in either ESRI ArcGIS Geodatabase or SHAPE file format according to the database design in this specification. Database tables must be delivered in a standard database format such as ACCESS, DBF, or SQL/Server. Database field names must be capitalized and consist of no more than 10 characters to be Shape file compatible.

ODOT intends to incorporate LBRS centerlines into the Statewide Roadway inventory, as a consequence the table structure and naming conventions of county deliveries to the State must conform to the LBRS requirements contained within and referenced by this document. The intent is obtain data that is consistent and uniform to allow automated data extraction and processing. Additional fields may be appended to the end of the columns. County requirements that conflict with these LBRS specifications must be communicated to the State for approval.

1.3 Coordinate System and Projection

The GIS data layer must conform to the following coordinate system and projection.

- ♦ *Ohio State Plane North or South (US Survey Foot)* **respectively to the SP zone in which the County resides**
- ♦ *North American Datum 1983 (NAD83)* **and subsequent adjustments accepted**
- ♦ *North American Vertical Datum 1988 (NAVD 88)*

Projection files must be included with the delivery.

1.4 Metadata

Meta data must be maintained for all datasets following the Federal Geographic Data Committee (FGDC) *Content Standards for Digital Geospatial Metadata*. The metadata must be provided in XML format and accompany all data deliveries. The metadata XML file should follow the same naming convention as the GIS data set. For example the metadata file for a street shape file (street.shp) would be named street.shp.xml. Reference to the FGDC metadata standards can be found at http://www.fgdc.gov/metadata/meta_stand.html.

1.5 Standards

This specification is not intended to be an “Addressing Standard” however a certain level of standardization is necessary to meet the needs of LBRS as defined in this database design specification. Rather than impose a strict set of standards for LBRS this specification will integrate as much as possible with existing standards such as the *U.S. Postal Addressing Standard, Publication 28*(<http://www.usps.com/ncsc/products/products.htm#publications>), the *National Emergency Number Association (NENA)* (www.nena.org), and the *Ohio Department of Transportation (ODOT)*. The standards meeting the requirements for LBRS are included in the Appendix of this specification. **All centerline data must conform to the ODOT roadway inventory data model and the Technical Service Roadway Inventory Management Process document, a copy of this document is available from ODOT Contact information for ODOT is provided in the Appendix.**

2 Database Specification

2.1 Address Points

2.1.1 Definition

The Address Points layer contains point (X, Y) locations for all addressable structures. Each point represents a single address, which is located along the access to the structure from the road, typically the structure's driveway.

2.1.2 Dataset Name

Name	Type
ADDRESS_POINTS	Point Layer

2.1.3 Attribution Definition

Field Name	Length	Type	Description	Standard
ADDR_ID	20	Numeric	Unique identifier for each address point. Can be used to link to other tables.	
SEG_ID	20	Numeric	Street segment id for centerline segment the point is located along.	
ADDR_NUM	6	Alpha	The address number. Example: 5124, A215, 345B	USPS Pub 28
PRE_DIR	2	Alpha	The primary street prefix direction. This should be a two letter abbreviation. Example: N, S, E, W, NW, NE, SW, SE	USPS Pub 28
NLFID	14	Alpha	Calculated Network Linear Feature Identifier.	ODOT
MP_VAL	.001	Numeric	3D Traversed distance from beginning point of route in miles	ODOT
PRE_TYPE	4	Alpha	The primary street prefix type.	USPS Pub 28
STR_NAME	30	Alpha	The primary street name. Example: Main, 1 st , Lake Forest, Second	USPS Pub 28
STR_TYPE	4	Alpha	The primary street type. This should be a street type abbreviation. Example: ALY, AVE, BLVD, DR, LN, PKWY, RD, PL, ST, CIR	USPS Pub 28
SUF_DIR	2	Alpha	The primary street directional suffix. This should be a two letter abbreviation. Example: N, S, E, W, NW, NE, SW, SE	USPS Pub 28
BUILDING	32	Alpha	Building designator (i.e. A, 3, Hog Barn, Annex)	If applicable
FLOOR	4	Alpha	Floor number or level (i.e. MEZZ, 3 rd , etc)	If applicable
UNIT_NUM	4	Alpha	The address number for the unit (i.e. A, 4, ½, etc)	USPS Pub 28
UNIT_TYPE	4	Alpha	The unit type abbreviation. Example: APT, BLDG, DEPT, FL, STE, UNIT,	USPS Pub 28
STRUC_TYPE		Integer	Codes for structure type (1=House, 2=Duplex, 3=Trailer, 4=Apartment, 5=Secondary structure, 6=Utility, 7=Commercial) Additional codes allowed	LBRS
CITY	30	Alpha	Name of municipality where the site is located.	FIPS
STATE	2	Alpha	State name abbreviation. Example: OH, MI, IN	USPS Pub 28
ZIP	5	Alpha	5 digit zip code. Example: 55432	USPS Pub 28
LSN	64	Alpha	Concatenated Street Address consisting of ADDR_NUM, PRE_DIR, PRE_TYPE, STR_NAME, STR_TYPE, SUF_DIR, UNIT_NUM, BUILDING, FLOOR	
FIPS_CODE	5	Alpha	5 character FIPS code (County, Municipal or Township)	ODOT
SUB_NAME	30	Alpha	Subdivision name	If applicable
SOURCE	30	Alpha	Address data collection source	
COLL_DATE		Date	Date/Time data was collected for	
X_COORD		Numeric	X coordinate of address in map units	

Y_COORD		Numeric	Y coordinate of address in map units	
Z_COORD		Numeric	Optional Z coordinate of address in map units	
NLFID	14	Alpha	Calculated Network Linear Feature Identifier.	ODOT
MP_VAL	.001	Numeric	3D Traversed distance from beginning point of route to perpendicular of address point in miles	ODOT

2.1.4 Specific Requirements

- ♦ Greater than 95% of all addressable structures in the county must be captured and represented by an address point. All Address Point features will be field verified; existing data sources may be used to augment field verification to resolve unknown addresses.
- ♦ The recommended location for each site address point should be projected equidistantly 20 meters perpendicular to the road centerline to a point representing the centerline of the driveway. The intent of this requirement is to remove the address point from the road right-of-way and to position the address point within the parcel boundary containing the addressable structure along the point of access to the structure.
- ♦ For addressable structures that do not have a driveway, such as storefronts, the address point should be located in line with the structure, at or near the structure's front door.
- ♦ NLFID stands for Network Linear Feature Identifier. This value uniquely identifies a route within a county. It is a 14 character field based on a composition of several variables. NLFID is further defined in Appendix A. All site address locations will be required to contain valid NLFIDs.
- ♦ MP_VAL stands for Milepost value and reflects the 3D Traversed distance from beginning point the route in miles that corresponds to the location of the address along the centerline.
- ♦ For a shared driveway with multiple addressable structures, the stacking of address points is permitted, although the preferred method would be to capture the driveway and place the address point along the appropriate spur indicating the point of access to a specific address.

2.2 Street Centerlines

2.2.1 Definition

The Street Centerlines layer contains line segments representing street centerlines. The Street Centerlines layer contains the attributes necessary to support geocoding and E911 dispatch and routing functions. A single street may be made up of multiple line segments. Each street segment has a unique identification number. Street segments related to street names stored in the street names table by this segment identification number. This allows a single street to have multiple names.

2.2.2 Dataset Name

Name	Type
STREET_CENTERLINES	Line Layer

2.2.3 Attribute Definition

Field Name	Length	Type	Description	Standard
SEG_ID	20	Numeric	Unique identifier of the street segment used to join to the Street Alias Table and Site Address tables	
STR_PRE	4	Alpha	The primary street prefix	USPS Pub 28
STR_NAME	30	Alpha	The primary street name. Example: Main, 1 ST , Lake Forest, Second	USPS Pub 28
STR_TYPE	4	Alpha	The primary street type. Example: ALY, AVE, BLVD, DR, LN, PKWY, RD, PL, ST, CIR	USPS Pub 28
STR_SUFFIX	2	Alpha	The primary street directional suffix. Example: N, S, E, W, NW, NE, SW, SE	USPS Pub 28
L_ADD_FROM	5	Alpha	Potential address range left side at the segment's start node	USPS Pub 28
L_ADD_TO	5	Alpha	Potential address range left side at the segment's end node	USPS Pub 28
R_ADD_FROM	5	Alpha	Potential address range right side at the segment's start node	USPS Pub 28
R_ADD_TO	5	Alpha	Potential address range right side at the segment's end node	USPS Pub 28
L_TWP	18	Alpha	The Township name on the left side of the street segment	ODOT, FIPS
R_TWP	18	Alpha	The township name on the right side of the street segment	ODOT, FIPS
L_CITY	30	Alpha	The municipality name on the left side of the street segment	OSOS
R_CITY	30	Alpha	The municipality name on the right side of the street segment	OSOS
L_COUNTY	3	Alpha	The 3 character county code on the left side of the street segment. ODOT designation	ODOT
R_COUNTY	3	Alpha	The 3 character county code on the right side of the street segment. ODOT designation	ODOT
L_STATE	2	Alpha	The State name abbreviation on the left side of the street segment. Example: OH, MI, IN	USPS Pub 28
R_STATE	2	Alpha	The State name abbreviation on the right side of the street segment. Example: OH, MI, IN	USPS Pub 28
L_ZIP	5	Alpha	The Zip Code on the left side of the street segment	USPS Pub 28
R_ZIP	5	Alpha	The Zip Code on the right side of the street segment	USPS Pub 28
L_FIPS	5	Alpha	Left side FIPS code (County, Municipal or Township)	ODOT
R_FIPS	5	Alpha	Right side FIPS code (County, Municipal or Township)	ODOT
RD_NUM			Route or local road number	ODOT

JURISDIC	1	Alpha	Designation for jurisdiction (Same as previous DOT Road Type)	
CARDINAL	1	Alpha	Indicated as C for cardinal N for non-cardinal	ODOT
NLFID	14	Alpha	Calculated Network Linear Feature Identifier.	ODOT
BEG_LOG	.001	Numeric	3D Traversed distance from beginning point of route in miles	ODOT
END_LOG	.001	Numeric	3D Traversed distance of route from BEG_LOG in miles	ODOT
LENGTH3D	.001	Numeric	3D Traversed distance of segment BEG_LOG to END_LOG in miles	ODOT
STYPE	2	Alpha	Surface Type, P=Paved, U=Unpaved	ODOT
DIR_TRAV	1	Alpha	Direction of Roadway, B=Bidirectional, F=One Way Cardinal, T=One Way Non-Cardinal	ODOT
LANES	2	Alpha	The total number of through lanes per road segment	ODOT
REV_DIR	4	Alpha	A value of TRUE indicates direction of ascending logpints does not follow direction of geometry	
DIV	1	Alpha	Divided Road Y = yes , the section is a dual carriageway or; N = no, the section is a single carriageway only	
SPEED	2	Alpha	Posted Speed Limit in MPH	ODOT

2.2.4 Specific Requirements

- ♦ The digital street centerline will represent the centerline of the pavement of all public and private roads throughout the county. Any road that is divided, e.g. boulevard or interstate, shall have a line representing each direction of the street pavement. All roadways, including alleys, contained in the ODOT LRS it must be part of the LBRS.
- ♦ Divided Highways shall be inventoried and digitized on the outermost through lane.
- ♦ All Undivided roads shall be inventoried and digitized in the Cardinal Direction with the exception of one-way roads. One way roads shall be digitized and inventoried in the direction of travel
- ♦ It is understood that a road right-of-way centerline may not be the same as the road pavement centerline and, as indicated, the requirement is to deliver only the centerline of pavement. Curved road segments shall be presented as multiple points connected by straight arcs due to the limitations of the GIS software. However, it is required that a sufficient number of points shall be included in the curve to properly denote the pavement without the need for orthophotography or other imagery.
- ♦ All street line segments intersecting at a transportation decision point shall connect via a node or junction. Nodes shall appear at defined intersections, including intersections with roads outside the county boundary. All other crossing roadways, boundaries etc. will be coincidently connected through matched vertices.

- ♦ All street centerline segments which cross-jurisdictional boundaries shall be broken with a node placed at the jurisdictional boundary. These boundaries include State, County, City, Township, and Zip Code.
- ♦ All left and right attribute values are relative to and to be calculated in the direction of digitization
- ♦ Street segments that leave the county shall have a node placed at the county boundary defined by the “county” GIS layer supplied by ODOT unless the county can provide a more accurate boundary acceptable by ODOT.
- ♦ The beginning and ending log point for each road segment is based on three-dimensional computation of the road segment length using these points. Additional Log point computation information is available in the Appendix.
- ♦ The densification of vertices should be sufficient to minimize log point calculation errors, while the number of vertices should be minimized to enhance computer performance in displaying the road centerline. This must be accomplished in such a way that the maximum difference between the two representations of the road centerlines, one using all of the points and one using the generalized points, is less than 1 foot. The points will be used to validate log point computation.
- ♦ A straight-line centerline segment must be defined with interim vertices to accurately define the slope of the line. The greater the slope of the centerline the greater the number of interim vertices are required. At a minimum there must be interim vertices for every 10 feet of elevation change. As a maximum there should not be more interim vertices than needed to define 5 feet of elevation change. The Centerline Point database must include all points (nodes and vertices) that define the road segments. The points will be used to validate log point computation.
- ♦ The LBRS requires the development of potential address ranges for the street centerline. The potential address range will be computed for each street segment based on the spatial locations of the addresses along the road segment and the corresponding locations for addresses on adjacent segments.
- ♦ Address ranges on a series of connected street segments should have no gaps or overlaps and should reflect the potential address ranges as determined by local addressing authority grids or ranges. Also, with the exception of some corporate boundaries that are defined by the street centerline, the corresponding left and right address range values should differ by one.
- ♦ The address ranges on intermediate centerline segments not ending at centerline intersections (transportation decision points) should be determined to minimize the average distance between the actual addresses locations and their geocoded locations between all connected road segments. Occasionally, there are incorrect real-life addresses, which must be flagged as outliers and be left out when generating the

address ranges. Outliers are considered non-geocodable, that is, their geocoded location (if any) falls unacceptably far from their actual location. A list of all outliers must be generated and be provided to the local addressing authorities for correction.

♦ The Network Linear Feature Identifier (NLFID) uniquely identifies a route within a county. It is a 14 character field based on a composition of several variables. NLFID is further defined in Appendix A. All street segments will be required to contain valid NLFIDs.

♦ All Divided Sections MUST have these attributes defined in the table;

a. There MUST be a Cardinal and Non-Cardinal Section defined in the Cardinal field. "C and N"

b. The Cardinal and Non-Cardinal sections MUST have the DIR (Direction Field) coded properly.

Cardinal = "B or F", Non-Cardinal = "B or T"

2.3 Alternate Street Names Table

2.3.1 Definition

The Alternate Street Names table contains alternate names for a street in the centerlines file.

2.3.2 Dataset Name

Name	Type
ALT_STREET_NAMES	Table

2.3.3 Attribute Definition

Field Name	Length	Type	Description	Standard
SEG_ID	20	Numeric	Unique identifier for the street centerline segment	
STR_PRE	4	Alpha	Alternate street prefix type	USPS Pub 28
STR_NAME	30	Alpha	Alternate street name. Example: Main, 1 ST , Lake Forest, Second	USPS Pub 28
STR_TYPE	4	Alpha	Alternate street type. Example: ALY, AVE, BLVD, DR, LN, PKWY, RD, PL, ST, CIR	USPS Pub 28
STR_DIR	2	Alpha	Alternate street directional suffix. Example: N, S, E, W, NW, NE, SW, SE	USPS Pub 28
ASN	2	Alpha	Concatenated Alternate Street Name (STR_PRE++STR_NAME++STR_TYPE++STR_DIR)	

2.3.4 Specific Requirements

The Alternate Street Names table contains alternate names for a street in the centerlines file. For example 123 Main Street may also be referred to as Route 56. This table is intended to store the alternate names for a given street segment. There may be multiple alternate names for the same street segment in the centerlines file.

An acceptable alternative to the Alternative Street Names Table would be to include the alternate street name attributes as values in the Street Centerline table. Multiple alternate values may be delimited to provide a the ability to determine valid alternate values.

The Alternate Street Names table is a required deliverable unless an approved alternate method of maintaining these alternate values is utilized.

2.4 Centerline Points

2.4.1 Definition

GPS **trace** or Photogrametrically acquired points used to create the road centerline and calculate Ohio Department of Transportation (ODOT) log points and 3D segment lengths.

2.4.2 Dataset Name

Name	Type
CENTERLINE_POINTS	Point Layer

2.4.3 Attribute Definition

Field Name	Length	Type	Description
STR_ID	20	Numeric	Unique identifier of the street segment
X_COORD		Numeric	Points X coordinate
Y_COORD		Numeric	Points Y coordinate
Z_COORD		Numeric	Points Z elevation coordinate in Feet

2.4.4 Specific Requirements

- ♦ The points should be sufficiently densified to minimize log point calculation errors.
- ♦ The number of points should be minimized to enhance computer performance in displaying the road centerline. This must be accomplished in such a way that the maximum difference between the two representations of the road centerlines, one using all of the points and one using the generalized points, is less than 1 foot.
- ♦ A straight-line centerline segment must be defined with interim vertices to accurately define the slope of the line. The greater the slope of the centerline the greater the number of interim vertices are required. At a minimum there must be interim vertices for

every 10 feet of elevation change. As a maximum there should not be more interim vertices than needed to define 5 feet of elevation change.

- ♦ The Centerline Point database must include all points (nodes and vertices) incorporated into the development of the final linework that define the road segments. The points will be used to validate log point computation. A final linear roadway inventory derived from a GPS trace will not conform to the meanderings of a raw GPS trace, but will be adjusted to accommodate for the horizontal offsets inherent in the data collection.

2.5 Landmarks Table

When used, the Landmarks table is a database of feature and place names that may be linked to addressable structure locations or represent unaddressed features commonly used for location identification or reference. This database will store the names of places that a location is commonly referred such as Union Station, St Paul's Cathedral, Greyhound Bus Station, and Last Call Tavern, Mall South Entrance, etc. This table has no measurable requirement for LBRS acceptance.

Field Name	Length	Type	Description	Standard
LM_ID	20	Numeric	Unique identifier for each place name record.	
ADDR_ID	20	Numeric	Used to link to address table where applicable.	
LM_NAME	28	Alpha	The common place name. Example: FOP Lodge; Nissan North; 3-mile Bridge	
LM_ADDRESS	30	Alpha		
X_COORD		Numeric	X coordinate of address in map units	
Y_COORD		Numeric	Y coordinate of address in map units	
NLFID	14	Alpha	Calculated Network Linear Feature Identifier.	ODOT
MP_VAL	.001	Numeric	3D Traversed distance from beginning point of segment in miles	ODOT

3 Optional Data Capture

It may be advantageous for the county to specify additional desired features and attributes to be captured during the project. This may be a cost effective way for the county to obtain additional information that is above and beyond what is required for LBRS. The capture of additional information that is beyond the minimum LBRS requirements defined in this document is encouraged. Additional attributes may be appended to the end of existing tables. Additional attributes may not be inserted between existing LBRS fields.

4 Data Quality and Acceptance Requirements

4.1 Data Quality

Both the state and the counties have a vested and financial interest in the ultimate quality of the data accepted into LBRS. All parties want the data to be collected, delivered and maintained at the highest quality level possible. As such the data quality will be measured at two primary levels; at the state level and local level.

The state will provide a cursory examination of the spatial and attributes data to ensure that the necessary fields are populated within valid domain and range values. In addition general road mileage and street segment counts will be reviewed by ODOT to ensure they fall within expected ranges.

The counties will provide a more detailed level of quality checking that can only be attained through local knowledge of the area and data. The counties will be expected to validate street name spellings, alias values, provide field validation for missing street numbers and determine how to accommodate address standard issues such as parity, sequencing errors and multiple dwelling units.

4.1.1 Positional Accuracy Requirements

The following table describes the positional accuracy requirements for the LBRS data layers.

Accuracy	Data Set Applied To	Requirement	Acceptance
Horizontal Position (X, Y)	Address Points Street Centerline Vertices Centerline Points	+/- 1 Meter	At least 90% of the features
Vertical Position (Z elevation)	Centerline Points	+/- 3 Meters	At least 90% of the features

4.1.2 Attribute Accuracy Requirements

- ♦ 100% of the feature attributes must have valid domain or range values in accordance with the database design and standards.

4.1.3 Edge Matching

The counties are expected to develop their street centerlines and address points using state of the art geospatial technology that provides for a seamless data structure. That means that there should be no edge matching issues within a county.

The County's centerline data will be appended to the centerline data of adjacent counties by the State. If LBRS centerline data exists for neighboring counties, the points where the centerlines cross the county boundary (Snap Points) will be provided. In this case the County is required to "snap" the streets starting node to these snap points. If adjacent Counties do not have LBRS centerline data with these snap points defined the County will only be required define a node for the street centerline at the county boundary as specified in [Section 2.2.4](#).

4.2 Acceptance Criteria and Procedures

Both the state and the counties have a vested and financial interest in the ultimate quality of the data accepted into LBRS. All parties want the data to be collected and delivered at the highest quality level possible. As such data acceptance will take place at two primary points; at the county level and at the state level.

The state will accept data that meets a minimum level of data quality that includes an examination of the spatial and attributes data to ensure that the necessary fields are populated within valid domain and range values. In addition general road mileage and street segment counts will be reviewed to ensure they are within in expected ranges.

4.2.1 County Level Quality Assurance

The county will be expected to provide a more detailed level of quality checking that can only be attained through local knowledge of the area and data. The counties will be expected to validate street name spellings, alias values, provide field validation for missing street numbers and determine how to accommodate address standard issues such as parity, sequencing errors and multiple dwelling units. The counties are, to the best of their ability, expected to perform spatial accuracy QA/QC to ensure the data meets the spatial requirements contained in this specification.

An ALI discrepancy report should be run against the Address Point database and provided to the state. This discrepancy report will be used to determine completeness of the address database and will be shared with the Ohio PUCO.

These QA/QC checks must be preformed prior to deliver of the data to the State.

4.2.2 State Level Quality Assurance

The State will run an automated process against all county data that will validate the following elements of each layer and attribute. A data set will be considered accepted if the checks result in an error detection percentage of less than or equal to 1% of the following checks:

Layer Checks

Data Element	Data Check
Address Points	Point lies within county boundaries Presence of coincident points that do not reflect unique values for each address point (Duplicates) Points are 20 meters or more from the road centerline. This distance may be reduced due to limitations involving reduced parcel size or unique ROW situations. The intention of this requirement is to remove the point from the ROW and locate it within the parcel boundary >95% of addresses listed contain unique validated addresses
Street Centerlines	End points lie within county boundary Presence of coincidental points Presence of nodes at centerline intersections Presence of nodes at jurisdictional boundaries Presence of pseudo nodes where centerlines cross jurisdictional boundaries (for re-entry centerlines) Centerlines conform to ODOT modeling standards Geometry Validation (100 percent acceptance required) Connectivity Validation (99 percent acceptance required) – LRS Validation (99 percent acceptance required)

4.2.2.1 Attribute Checks – Address Points

Field Name	Data Check
ADDR_ID	Field has valid numeric value
SEG_ID	Field has valid numeric value
ADDR_NUM	Field has valid alpha-numeric value Format of alpha-numeric value is consistent with USPS standards
STR_PRE	Field has valid alpha-numeric value and domain consistent with USPS standards
STR_NAME	Field has valid alpha-numeric value Street name is consistent with USPS standards
STR_TYPE	Field has valid value within domain consistent with USPS standards
STR_SUFFIX	Field has value within domain consistent with USPS standards
UNIT_NUM	If value is present it must be formatted consistently with USPS standards
STRUC_TYPE	Field has value within Domain
CITY	Valid city/town/village name is contained in this field
STATE	State abbreviation in Domain is contained in this field (OH, MI, IN)
ZIP	Field has 5 digit zip code numeric within the domain
FIPS_CODE	Field has 5 character FIPS Code within domain
SUB_NAME	No check for this field

SOURCE	Field has value within Domain
COLL_DATE	Field has a value within a valid range
X_COORD	Field has value within acceptable range
Y_COORD	Field has value within acceptable range
Z_COORD	Field has value within acceptable range
NLFID	Field value consistent with ODOT domain value
MP_VAL	Field value consistent with ODOT domain value

4.2.2.2 Attribute Checks - Street Centerlines

Field Name	Data Check
SEG_ID	Field has valid numeric value
INT_ID	Field has a valid numeric value
PRE_DIR	Field has valid value within Domain consistent with USPS standards
PRE_TYPE	Field has valid alpha-numeric value domain consistent with USPS standards
STR_NAME	Field has valid alpha-numeric value Street name is consistent with USPS standards
STR_TYPE	Field has valid value within domain consistent with USPS standards
SUF_DIR	Field has value within domain consistent with USPS standards
L_ADD_FROM	Field has valid value within range
L_ADD_TO	Field has valid value within range
R_ADD_FROM	Field has valid value within range
R_ADD_TO	Field has valid value within range
L_CITY	Valid city/town/village name is contained in this field
R_CITY	Valid city/town/village name is contained in this field
L_TOWNSHIP	Valid left Township FIPS Code is contained in this field
R_TOWNSHIP	Valid Right Township FIPS Code is contained in this field
L_COUNTY	Valid three letter county code is contained in this field
R_COUNTY	Valid three letter county code is contained in this field
L_STATE	Valid two letter state designation within Domain is contained in this field
R_STATE	Valid two letter state designation within Domain is contained in this field
L_ZIP	Field has 5 digit zip code numeric within the domain
R_ZIP	Field has 5 digit zip code numeric within the domain
L_FIPS	Field has 5 character FIPS Code within domain
R_FIPS	Field has 5 character FIPS Code within domain
RD_NUM	Valid ODOT road number within Domain is contained in this field
DOT_RD_TYP	Valid ODOT road type designator within Domain is contained in this field
CARDINAL	Valid value within Domain is contained in this field (C or N)
NLFID	Valid numeric value within range is contained in this field
BEGIN_LOG	Valid numeric value within range is contained in this field
END_LOG	Valid numeric value within range is contained in this field
END_LOG	Valid numeric value within range is contained in this field
LENGTH3D	Valid numeric value within range is contained in this field

STYPE	Valid two letter state designation within Domain is contained in this field
DIR	Valid one letter designation within Domain is contained in this field
LANES	Valid numeric value within range is contained in this field
DIV	Valid one letter designation within Domain is contained in this field
SPEED	Valid numeric value within range is contained in this field

4.2.2.3 Attribute Check – Alternate Street Names

Field Name	Data Check
SEG_ID	Field has valid numeric value
STR_PRE	Field has valid alpha-numeric value domain consistent with USPS standards
STR_NAME	Field has valid alpha-numeric value Street name is consistent with USPS standards
STR_TYPE	Field has valid value within domain consistent with USPS standards
STR_DIR	Field has value within domain consistent with USPS standards
ASN	Values accurately reflect concatenation of required fields

4.2.2.4 Attribute Check – Landmarks

Field Name	Data Check
ADDR_ID	Field has valid numeric value
LM_ID	Field has valid numeric value
LM_NAME	Field has valid alpha-numeric value
LM_ADDRESS	Field has valid alpha-numeric value
X_COORD	Field has value within acceptable range
Y_COORD	Field has value within acceptable range
MP_LOG	Field has value within acceptable range
NLFID	Field has correctly formed values

4.2.3 Pilot Project Requirements

Counties will be required to develop a pilot project for the purpose of demonstrating the ability of the proposed solution to meet the requirements of the LBRS program. Representatives of the State will participate in the planning and acceptance of this pilot. This pilot will be developed to meet or exceed the requirements expressed in the LBRS Data Specifications document and the ODOT Technical Service Roadway Inventory Management Process document as referenced in the LBRS specifications.

As part of this process the County and their designated representatives will participate in pre-pilot meeting(s) with the State. This meeting will be hosted by the County. The intended outcomes of the pre-pilot meeting will be the:

- Establishment of an acceptable area of interest for the pilot,
- Establishment of requirements and expectations for a successful pilot, and;
- Establishment of appropriate communication points of contact (administrative and technical) as well as escalation and resolution processes between the vendor, the county and the state.

The pre-pilot meeting will provide an opportunity for the County and their designated representatives to address questions regarding the LBRS requirements to the State and obtain clarification and guidance prior to initiation of the pilot. It is understood that additional contacts may be required to address specific issues and/or clarify requirements during the pilot as well as throughout the course of the entire project. The successful demonstration and approval of the proposed methodology to meet the LBRS specification

through the pilot process is required before countywide deployment and implementation will be considered. The state has the option to exempt the need for a pilot based on prior performance.

LOCATION BASED RESPONSE SYSTEM DATA SPECIFICATION APPENDICIES

**Document Version 3.1
January 2008**

Appendix A – ODOT STANDARDS

The County and its Data Conversion Vendor (if contracting out the data development) will be required to coordinate with the Ohio Department of Transportation (ODOT) during the initial planning of the project to ensure the centerline data complies with ODOT standards and specifications. Dave Blackstone is the main point of contact at the ODOT relating to LBRS. Dave's contract information is below.

Mr. Dave Blackstone
GIS Manager
Ohio Department of Transportation
1980 West Broad Street
Columbus, Ohio 43223
Phone: 614-466-2594
Fax: 614-752-8646
Email: Dave.Blackstone@dot.state.oh.us

Below are excerpts from the ODOT *Technical Service Roadway Inventory Management Process*, which provides background information regarding the definition of NLFID and methods for calculating 3D segment length and logpoints. For more information regarding this process or to request a copy of the ODOT documentation please contact Dave Blackstone.

NLFID

NLF ID stands for Network Linear Feature Identifier. This value uniquely identifies a route within a county. It is a 14 character field based on a composition of several values defined as follows:

Jurisdiction: character 1 – A single letter code indicating the primary legal authority by which records are grouped. **S – State, C – County, T – Township, M – Municipal, F – Federal, P - Private**

County: characters 2..4 – Standard ODOT three letter abbreviation of Ohio's county names. Examples include: ADA-Adams and FRA-Franklin. **See Appendix C for a complete list of Ohio County code abbreviations**

Route System: characters 5..6 – Two letter code indicating the basic transportation network group. This field is also often known as the "transportation route code."

IR – Interstate
US - United States Route
SR - State Route
CR - County Road
TR - Township Road
MR - Municipal Street
RA – Ramp

NR – Natural Resources Road (Park Road)
FR – Forest Road
BK - Bike Route
RE – Rest Area Entry/Exit
WS – Weigh Station Entry/Exit
RR – Rail Road Track

Route Number: characters 7..11 – The number assigned to a particular route. Note that in the case where the route is less than 5 characters, the left side is zero-filled. Examples include: 00670, 00002, and 00071. For legacy purposes in the Road Inventory databases, all private streets must have a unique number regardless of the "trans route code" designation.

Route Number Extension: character 12 – A single letter used with the route number in local and municipal systems to guarantee uniqueness. It guarantees that there are no repeated NLF IDs due to duplicate route numbers.

Route Description: character 13 – A single letter code that defines a specific characteristic of a transportation route. Examples include A-Alternate, P-Proposed, B-Bypass. Note that * is the default.

Cardinal Direction: character 14 – A single letter code indicating that the route is part of a dual string combo created to indicate the direction of the route. Examples include: C-Cardinal, N-Non-cardinal.

NLF ID examples include the following:

Interstate 70 in Franklin County: SFRAIR00070**C
Township road 104 in Shelby County: TSHETR00104**C

Private Road NLF ID examples;

Private municipal system road 80001 located in Van Wert County = PVANMR80001**C
Private township system road 80002 located in Van Wert County = PVANTR80002**C
Private county system road 80003 located in Van Wert County = PVANCR80003**C

Note. All Private Roads will have a road number assigned with a value between 80000 and 99999.

Note. Even though these roads are designated with a Route System Code of TR or MR or CR, they are not a governmentally owned facility.

Note. Private road numbers do not duplicate across systems within a county.

Note. Private roads will be assigned a Route System Code of TR (appears as if it was part of the Township Roadway System) or MR (appears as if it was part of the Municipal Roadway System). Private CR (appears as if it was part of the County Roadway System) roads will carry federal aid designations or connect public roadways.

Note. It is recommended that privately designated LRS elements that continues through many

junctions or intersections and appears as one travel way, has one NLF ID assigned to it.

3D Segment Length and Log Point Computation

The points used to create the road centerlines, as well as to define the beginning and ending logpoints, should be sufficiently densified to minimize logpoint calculation errors. Ninety percent

of the vertices should have a Z value (elevation) accurate to 3 meters or better. Distance units for segment length and logpoint should be in miles and carried to the nearest thousandth of a mile. The beginning and ending Logpoint for each road segment is based on three-dimensional computation of the road segment length using these points. Logpoint calculations should conform to ODOT's methodology as outlined below:

Existing ODOT Architecture

The existing ODOT Roadway Inventory architecture is designed based on a LRM called the Straight Line Mileage (SLM) or Milepoint LRM. An SLM LRM is the accumulated distance from the beginning to the end of a route within a transportation system, typically beginning at the start of an agreed upon line of demarcation such as a state or county line.

In ODOT's implementation of this architecture, the route identifier is the NLF ID and the line of demarcation is the county border. A route is defined by identifying its most south-most and/or west-most location relative to the county border. This position is identified as the origin milepost or logpoint 0. The logpoint then increases as one travels the route from South to North and/or West to East. Therefore, to identify a position on a road, one identifies the NLF ID and an SLM Logpoint. For example, in Figure 2 by identifying an NLF ID of SFRASR00003**C with a logpoint of 3.23, one is identifying the position on the face of the earth that corresponds to the road on which SR 3 exists in Franklin county that is 3.23 miles from the southern most point of the route from the county border. Note that the 3.23 miles is determined by traveling along the route 3.23 miles from the route's origin (milepoint 0.00) versus the length of the orthogonal projection¹ of that point and the nearest point on the county border.

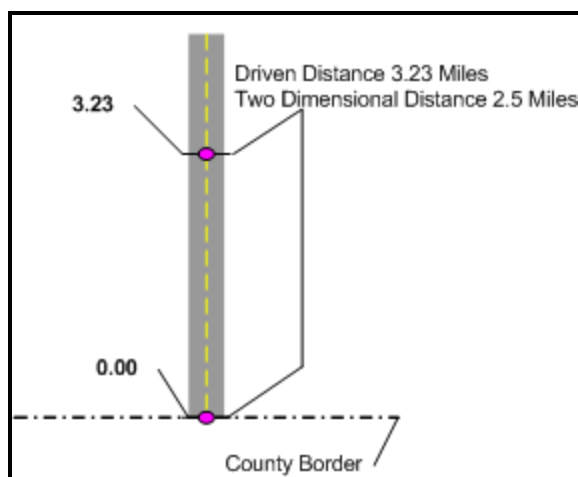


Figure 1: Driven Distance vs. Two Dimensional Distance

The network is anchored using intersections. **An Intersection is defined as a place on a road where a transportation decision opportunity occurs, including at-grade intersections and ramps on divided highways.** An intersection is identified by field personnel, and assigned a milepoint

for control purposes. The field person then travels the route to the next intersection (anchor point) and records the mileage. To acquire the geometry of the segment, a GIS tool is loaded with aerial photography of that segment and the initial intersection is identified and assigned the milepoint as recorded by the field personnel. The alignment of the road is then drawn along the photographic image of the segment until it reaches the second intersection/control point. The mileage at the end of the segment is then recorded. Once this is complete, the geometry of the segment can then be interpolated by the GIS tool and associated with its LRM definition.

Geometry Validation (100 percent acceptance required)

1. Kickback and Duplicate Points - An area boundary, hole or linear geometry that reverses direction temporarily so that it double back over itself and the proceeds in the original direction without creating a face.
2. Loop - The geometry of an area or hole intersects itself.

Connectivity Validation (99 percent acceptance required) - Tolerance of 1 foot specified.

1. Undershoots - Condition when the end of a linear geometry falls short of intersecting with another linear geometry
2. Overshoots - Condition when the end of a linear geometry extends beyond the point at which it should intersect an stop at another linear geometry
3. Node Mismatch - Condition when the end of a linear geometry falls short of intersecting with the end of another linear geometry
4. Non-coincident Intersecting Geometry - Condition when features intersect one another without creating corresponding vertices at the intersecting points.
5. Nearly Coincident Geometry - Condition when a vertex of one geometry falls within the tolerance of a vertex of another geometry

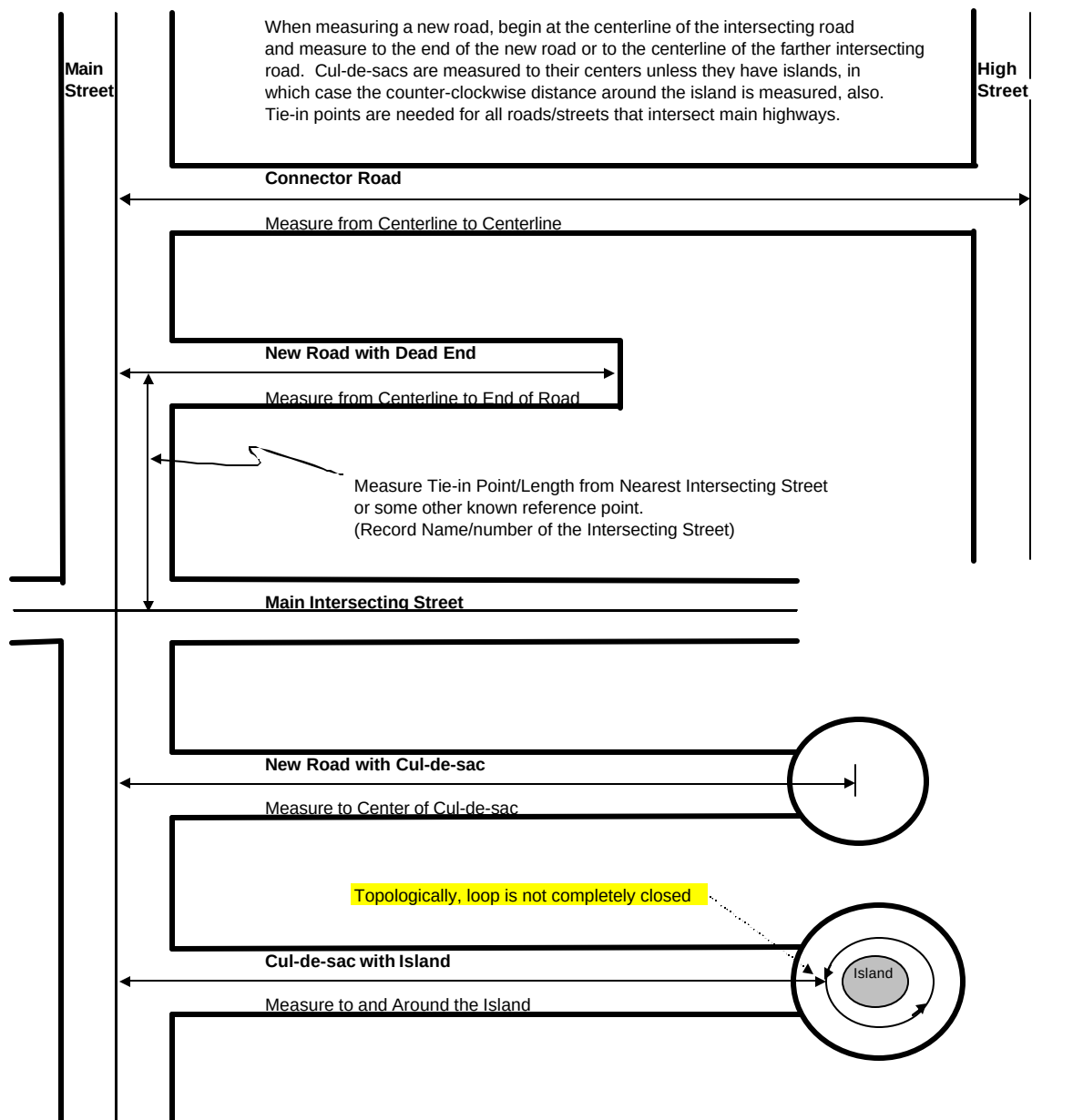
LRS Validation (99 percent acceptance required)

1. Missing LRS keys - Condition when records is missing required LRS keys: NLF_ID, Begin Measure and/or End Measure
2. Begin distance >= End distance - Condition when begin distance measure greater than or equal to end distance measure
3. Overlapping distances - Condition when records have the same NLF_ID and that contain overlapping distances between the end measure of one record and the begin measure of another record.

4. Linear Measure/Geometry ration - Condition when the user-defined linear measure (end distance minus begin distance) compared to the measured map distance for each records exceeds specified tolerance (90 - 120 percent)
5. Geometry sequence/direction problems – Condition when the digitized direction of geometry is not consistent with direction of increasing measures.
6. Gaps between geometries - Condition when gaps exist between geometry of records with the same NLF_ID exceed specified tolerance (10 ft)

ODOT Standard Inventory Convention Diagrams:

ODOT Road Measurement Conventions

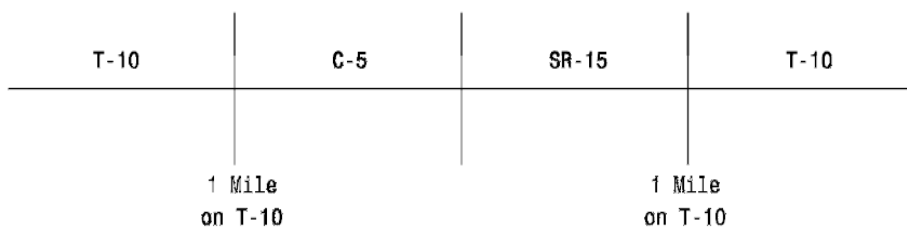


Note: The above diagram applies to all roadways.

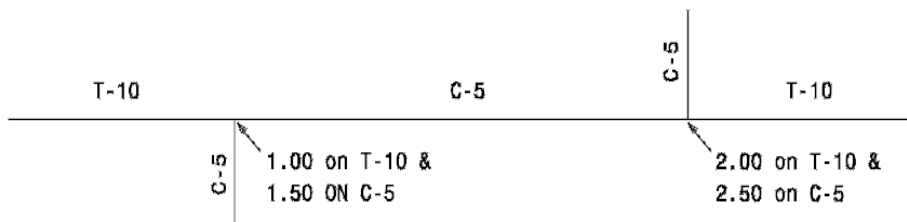
Continuous Inventory



Leave/Reenter Inventory



Overlapping Inventory

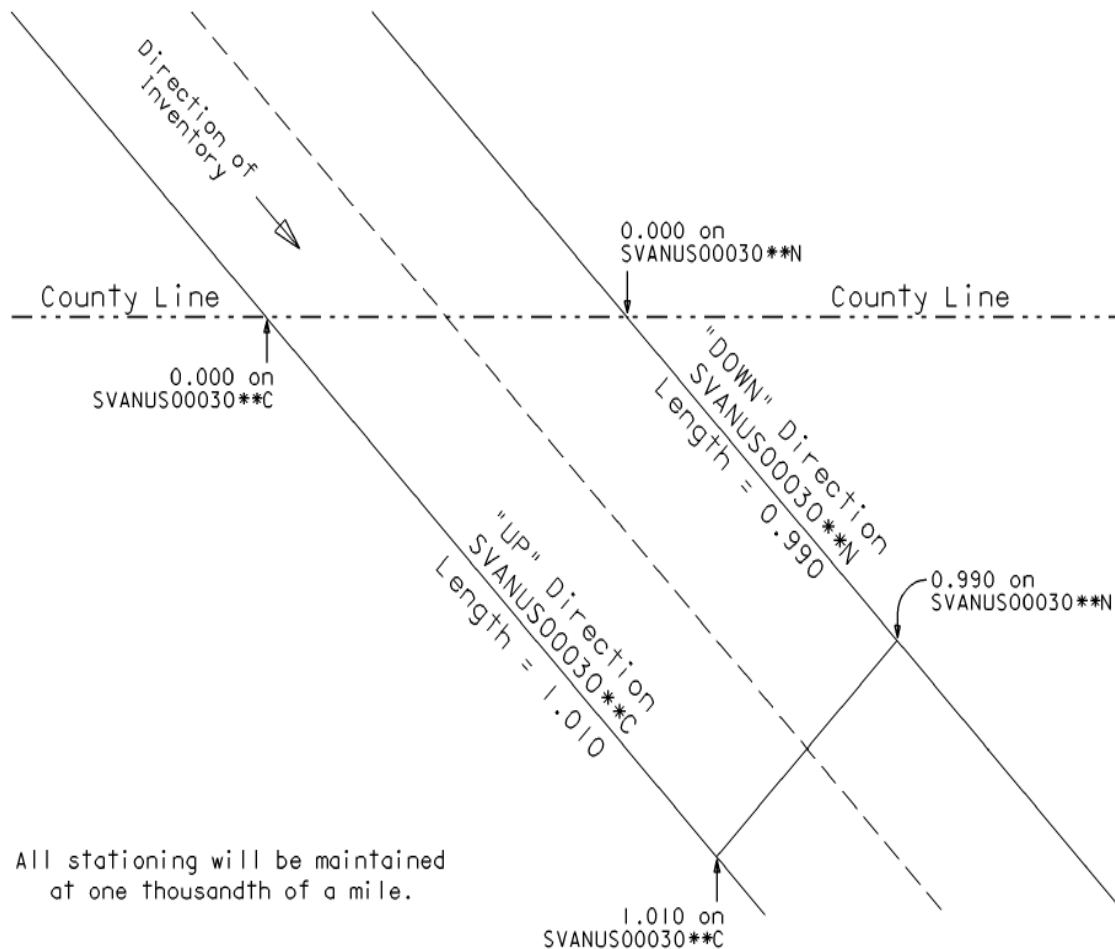


Note: The above diagrams are intended primarily for non-state routes. These situations for state routes are mitigated through The Journal Entry (JE) Process. All overlaps (both local and state systems) must match in length on the both the primary and secondary route(s).

Note: The difference between a leave/re-enter and overlap situation is that the overlap has only one route located between the two disconnected sections of roadway, a leave and re-enter has more than one. Also, an overlap is contained entirely within one county.

Note: Leave and re-enters should be avoided if possible since they attach the same logpoint to two separate and distinct points. A better solution is to create a new route for the separated piece of roadway by adding a route suffix, e.g. T-10 would become T-10A.

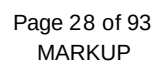
ODOT Standard for Bi-directional Inventories on Divided Roadways



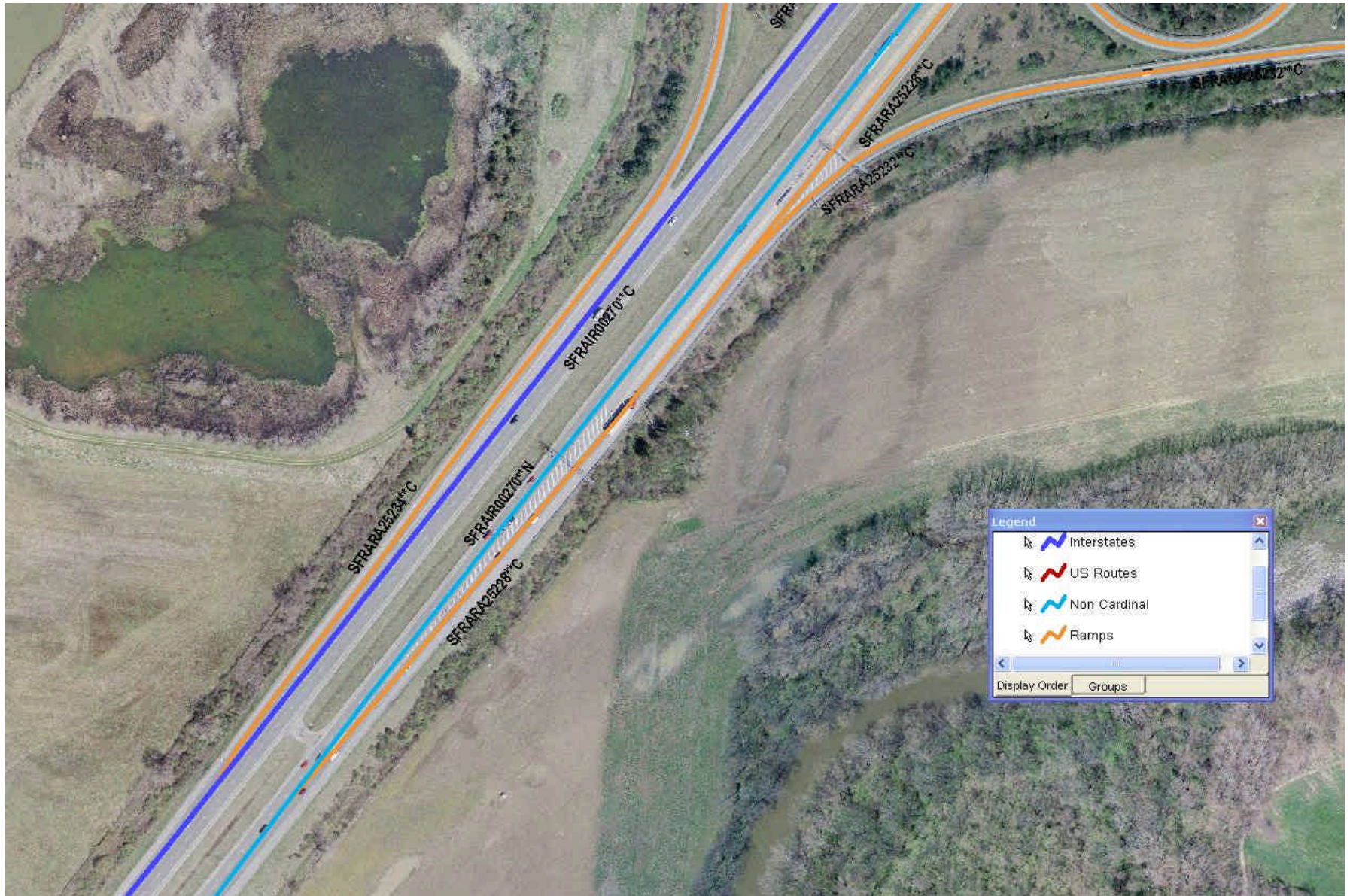
Note: The above diagram applies to all divided roadways.

Note: All divided roadways will be inventoried at the center of the outermost through lane.

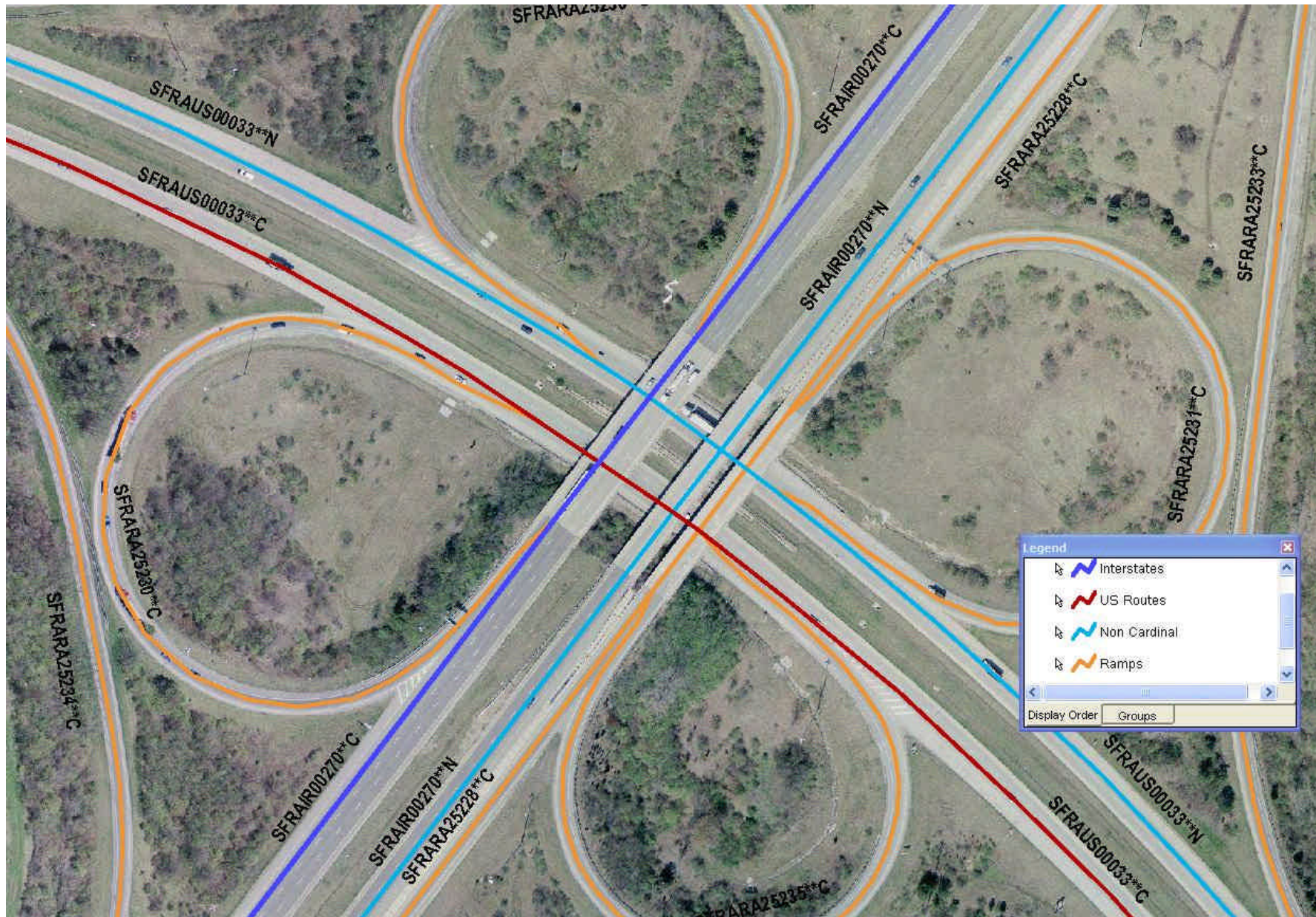
Note: This route appears to be inventoried in the wrong directions. Keep in mind that the direction standards are for the tendency direction of a route across it's entire jurisdiction. In this case US 30 goes from west to east across the State of Ohio, but in this area of Van Wert County the route tend to go in a southerly direction.



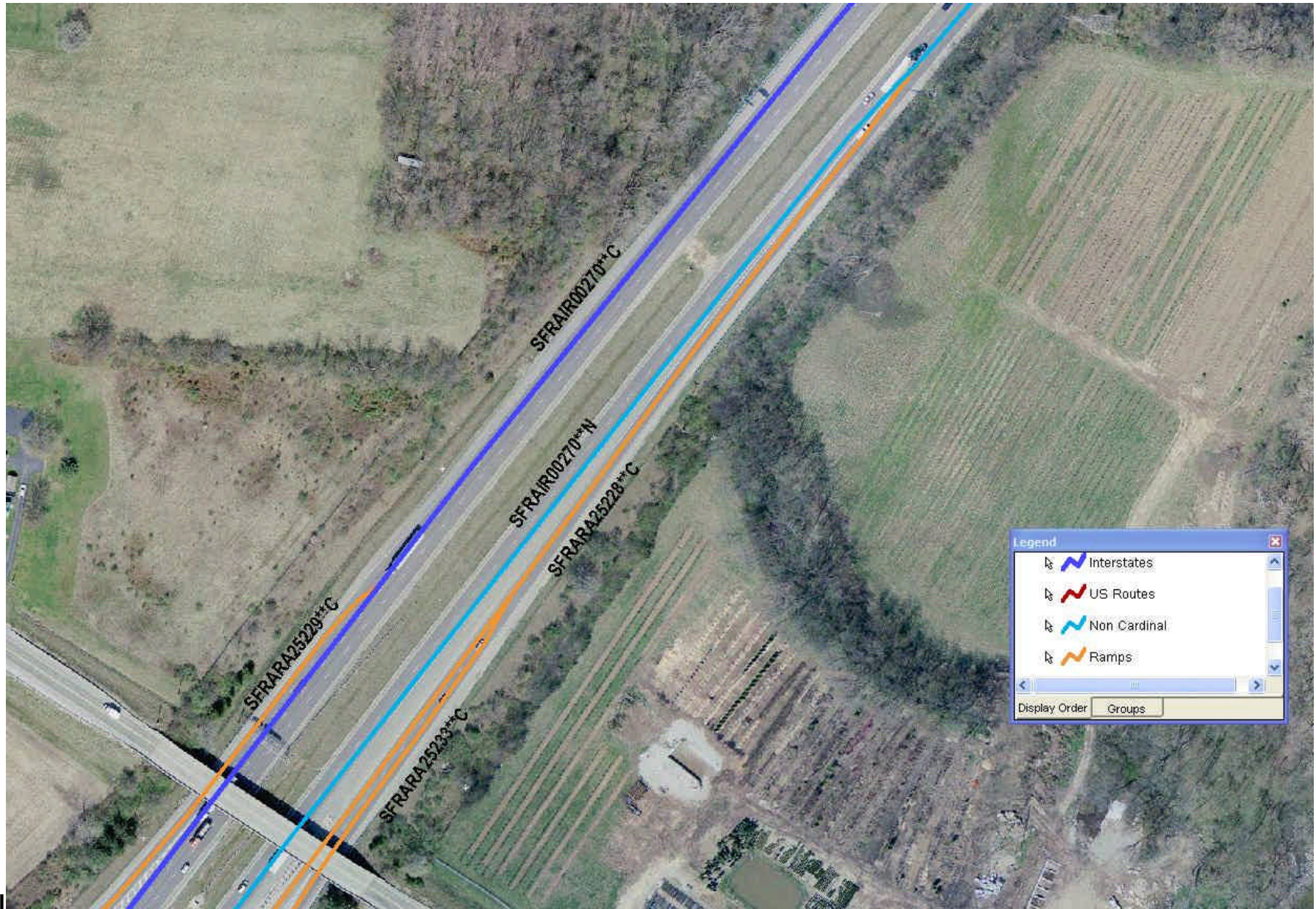
Beginning/ending of ramps including the collector/feeder



Center of interchange, beginning and ending of loops with tie-ins to the collector/feeder



Ramp tie into collector feeder and collector feeder tie into the main line



Interchange/Ramp Notes.

For this application, a Ramp is defined as a short roadway that connects a fully-controlled, limited access, grade-separated highway, with the overall, in-place road network. It is usually part of the interchange that allows traffic to move smoothly from one road to another, but may include other non-through roads such as acceleration/de-acceleration lanes, collector/distributor roads, and so forth.

In the NLF_ID, most ramps carry the Route System Designation code "RA." Special-purpose ramps such as those leading to truck Weigh Stations or Rest Areas will be given other codes (WS and RE, for those examples).

Ramps will be represented in the LBRS following the conventions illustrated in the accompanying diagrams. Ramp ends will be defined as the points where the ramp centerlines (projected) meet the centerlines of the mainline roadways that they connect

Appendix B – US POSTAL SERVICE PUB 28

The US Postal Service Publication 28 can be down loaded in PDF format from the following URL

<http://www.usps.com/ncsc/products/products.htm#publications>

Appendix C – County Codes

COUNTY NAME	COUNTY CODE	FIPS CODE
ADAMS	ADA	001
ALLEN	ALL	003
ASHLAND	ASD	005
ASHTABULA	ATB	007
ATHENS	ATH	009
AUGLAIZE	AUG	011
BELMONT	BEL	013
BROWN	BRO	015
BUTLER	BUT	017
CARROLL	CAR	019
CHAMPAIGN	CHP	021
CLARK	CLA	023
CLERMONT	CLE	025
CLINTON	CLI	027
COLUMBIANA	COL	029
COSHOCTON	COS	031
CRAWFORD	CRA	033
CUYAHOGA	CUY	035
DARKE	DAR	037
DEFIANCE	DEF	039
DELAWARE	DEL	041
ERIE	ERI	043
FAIRFIELD	FAI	045
FAYETTE	FAY	047
FRANKLIN	FRA	049
FULTON	FUL	051
GALLIA	GAL	053
GEAUGA	GEA	055
GREENE	GRE	057
GUERNSEY	GUE	059
HAMILTON	HAM	061
HANCOCK	HAN	063
HARDIN	HAR	065
HARRISON	HAS	067
HENRY	HEN	069
HIGHLAND	HIG	071
HOCKING	HOC	073
HOLMES	HOL	075
HURON	HUR	077
JACKSON	JAC	079
JEFFERSON	JEF	081
KNOX	KNO	083

LAKE	LAK	085
LAWRENCE	LAW	087
LICKING	LIC	089
LOGAN	LOG	091
LORAIN	LOR	093
LUCAS	LUC	095
MADISON	MAD	097
MAHONING	MAH	099
MARION	MAR	101
MEDINA	MED	103
MEIGS	MEG	105
MERCER	MER	107
MIAMI	MIA	109
MONROE	MOE	111
MONTGOMERY	MOT	113
MORGAN	MRG	115
MORROW	MRW	117
MUSKINGUM	MUS	119
NOBLE	NOB	121
OTTAWA	OTT	123
PAULDING	PAU	125
PERRY	PER	127
PICKAWAY	PIC	129
PIKE	PIK	131
PORTAGE	POR	133
PREBLE	PRE	135
PUTNAM	PUT	137
RICHLAND	RIC	139
ROSS	ROS	141
SANDUSKY	SAN	143
SCIOTO	SCI	145
SENECA	SEN	147
SHELBY	SHE	149
STARK	STA	151
SUMMIT	SUM	153
TRUMBULL	TRU	155
TUSCARAWAS	TUS	157
UNION	UNI	159
VAN WERT	VAN	161
VINTON	VIN	163
WARREN	WAR	165
WASHINGTON	WAS	167
WAYNE	WAY	169
WILLIAMS	WIL	171
WOOD	WOO	173
WYANDOT	WYA	175

Appendix D – Township Codes

DISTRICT	CO	TWP_NO	TWP	TWP_NAME	FIPS	ALL_CORP
09	ADA	01	BRATTON	BRATTON TWP	08350	
09	ADA	02	BRUSH CREEK	BRUSH CREEK TWP	09722	
09	ADA	03	FRANKLIN	FRANKLIN TWP	28196	
09	ADA	04	GREEN	GREEN TWP	31668	
09	ADA	05	JEFFERSON	JEFFERSON TWP	38486	
09	ADA	06	LIBERTY	LIBERTY TWP	43036	
09	ADA	07	MANCHESTER	MANCHESTER TWP	47026	
09	ADA	08	MEIGS	MEIGS TWP	48888	
09	ADA	09	MONROE	MONROE TWP	51268	
09	ADA	10	OLIVER	OLIVER TWP	58366	
09	ADA	11	SCOTT	SCOTT TWP	71052	
09	ADA	12	SPRIGG	SPRIGG TWP	74069	
09	ADA	13	TIFFIN	TIFFIN TWP	76768	
09	ADA	14	WAYNE	WAYNE TWP	82012	
09	ADA	15	WINCHESTER	WINCHESTER TWP	85890	
01	ALL	01	AMANDA	AMANDA TWP	01602	
01	ALL	02	AMERICAN	AMERICAN TWP	01756	
01	ALL	03	AUGLAIZE	AUGLAIZE TWP	02988	
01	ALL	04	BATH	BATH TWP	04206	
01	ALL	05	JACKSON	JACKSON TWP	37646	
01	ALL	06	MARION	MARION TWP	47656	
01	ALL	07	MONROE	MONROE TWP	51282	
01	ALL	09	PERRY	PERRY TWP	61742	
01	ALL	10	RICHLAND	RICHLAND TWP	66614	
01	ALL	11	SHAWNEE	SHAWNEE TWP	71955	
01	ALL	12	SPENCER	SPENCER TWP	73982	
01	ALL	13	SUGAR CREEK	SUGAR CREEK TWP	75199	
03	ASD	01	CLEAR CREEK	CLEAR CREEK TWP	15672	
03	ASD	02	GREEN	GREEN TWP	31682	
03	ASD	03	HANOVER	HANOVER TWP	33236	
03	ASD	04	JACKSON	JACKSON TWP	37660	
03	ASD	05	LAKE	LAKE TWP	41272	
03	ASD	06	MIFFLIN	MIFFLIN TWP	50050	
03	ASD	07	MILTON	MILTON TWP	50610	
03	ASD	08	MOHICAN	MOHICAN TWP	51086	

03	ASD	09	MONTGOMERY	MONTGOMERY TWP	51688	
03	ASD	10	ORANGE	ORANGE TWP	58562	
03	ASD	11	PERRY	PERRY TWP	61756	
03	ASD	12	RUGGLES	RUGGLES TWP	68966	
03	ASD	13	SULLIVAN	SULLIVAN TWP	75357	
03	ASD	14	TROY	TROY TWP	77532	
03	ASD	15	VERMILLION	VERMILLION TWP	79758	
04	ATB	01	ANDOVER	ANDOVER TWP	02064	
04	ATB	02	ASHTABULA	ASHTABULA TWP	02652	
04	ATB	03	AUSTINBURG	AUSTINBURG TWP	03156	
04	ATB	04	CHERRY VALLEY	CHERRY VALLEY TWP	13890	
04	ATB	05	COLEBROOK	COLEBROOK TWP	16560	
04	ATB	07	DENMARK	DENMARK TWP	21672	
04	ATB	08	DORSET	DORSET TWP	22344	
04	ATB	09	GENEVA	GENEVA TWP	29624	
04	ATB	10	HARPERSFIELD	HARPERSFIELD TWP	33642	
04	ATB	11	HARTSGROVE	HARTSGROVE TWP	34300	
04	ATB	12	JEFFERSON	JEFFERSON TWP	38514	
04	ATB	13	KINGSVILLE	KINGSVILLE TWP	40404	
04	ATB	14	LENOX	LENOX TWP	42742	
04	ATB	15	MONROE	MONROE TWP	51296	
04	ATB	16	MORGAN	MORGAN TWP	52066	
04	ATB	17	NEW LYME	NEW LYME TWP	54964	
04	ATB	18	ORWELL	ORWELL TWP	58870	
04	ATB	19	PIERPONT	PIERPONT TWP	62568	
04	ATB	20	PLYMOUTH	PLYMOUTH TWP	63772	
04	ATB	21	RICHMOND	RICHMOND TWP	66796	
04	ATB	22	ROME	ROME TWP	68224	
04	ATB	23	SAYBROOK	SAYBROOK TWP	70646	
04	ATB	24	SHEFFIELD	SHEFFIELD TWP	72053	
04	ATB	25	TRUMBULL	TRUMBULL TWP	77686	
04	ATB	26	WAYNE	WAYNE TWP	82040	
04	ATB	27	WILLIAMSFIELD	WILLIAMSFIELD TWP	85372	
04	ATB	28	WINDSOR	WINDSOR TWP	85988	
10	ATH	01	ALEXANDER	ALEXANDER TWP	01112	
10	ATH	02	AMES	AMES TWP	01770	
10	ATH	03	ATHENS	ATHENS TWP	02750	
10	ATH	04	BERN	BERN TWP	05942	
10	ATH	05	CANAAN	CANAAN TWP	11220	

10	ATH	06	CARTHAGE	CARTHAGE TWP	12336	
10	ATH	07	DOVER	DOVER TWP	22414	
10	ATH	08	LEE	LEE TWP	42420	
10	ATH	09	LODI	LODI TWP	44590	
10	ATH	10	ROME	ROME TWP	68238	
10	ATH	11	TRIMBLE	TRIMBLE TWP	77420	
10	ATH	12	TROY	TROY TWP	77546	
10	ATH	13	WATERLOO	WATERLOO TWP	81777	
10	ATH	14	YORK	YORK TWP	86982	
07	AUG	01	CLAY	CLAY TWP	15448	
07	AUG	02	DUCHOUQUET	DUCHOUQUET TWP	22722	
07	AUG	03	GERMAN	GERMAN TWP	29848	
07	AUG	04	GOSHEN	GOSHEN TWP	30954	
07	AUG	05	JACKSON	JACKSON TWP	37674	
07	AUG	06	LOGAN	LOGAN TWP	44618	
07	AUG	07	MOULTON	MOULTON TWP	52472	
07	AUG	08	NOBLE	NOBLE TWP	55986	
07	AUG	09	PUSHETA	PUSHETA TWP	65018	
07	AUG	10	SAINT MARYS	SAINT MARYS TWP	69694	
07	AUG	11	SALEM	SALEM TWP	69806	
07	AUG	12	UNION	UNION TWP	78204	
07	AUG	13	WASHINGTON	WASHINGTON TWP	81074	
07	AUG	14	WAYNE	WAYNE TWP	82054	
11	BEL	01	COLERAIN	COLERAIN TWP	16602	
11	BEL	02	FLUSHING	FLUSHING TWP	27566	
11	BEL	03	GOSHEN	GOSHEN TWP	30968	
11	BEL	04	KIRKWOOD	KIRKWOOD TWP	40600	
11	BEL	05	MEAD	MEAD TWP	48580	
11	BEL	06	PEASE	PEASE TWP	61378	
11	BEL	07	PULTNEY	PULTNEY TWP	64962	
11	BEL	08	RICHLAND	RICHLAND TWP	66628	
11	BEL	09	SMITH	SMITH TWP	72736	
11	BEL	10	SOMERSET	SOMERSET TWP	72970	
11	BEL	11	UNION	UNION TWP	78218	
11	BEL	12	WARREN	WARREN TWP	80864	
11	BEL	13	WASHINGTON	WASHINGTON TWP	81088	
11	BEL	14	WAYNE	WAYNE TWP	82068	
11	BEL	15	WHEELING	WHEELING TWP	84602	
11	BEL	16	YORK	YORK TWP	86996	

09	BRO	01	BYRD	BYRD TWP	10758	
09	BRO	02	CLARK	CLARK TWP	15224	
09	BRO	03	EAGLE	EAGLE TWP	23072	
09	BRO	04	FRANKLIN	FRANKLIN TWP	28210	
09	BRO	05	GREEN	GREEN TWP	31696	
09	BRO	06	HUNTINGTON	HUNTINGTON TWP	36834	
09	BRO	07	JACKSON	JACKSON TWP	37688	
09	BRO	08	JEFFERSON	JEFFERSON TWP	38528	
09	BRO	09	LEWIS	LEWIS TWP	42910	
09	BRO	10	PERRY	PERRY TWP	61770	
09	BRO	11	PIKE	PIKE TWP	62596	
09	BRO	12	PLEASANT	PLEASANT TWP	63212	
09	BRO	13	SCOTT	SCOTT TWP	71066	
09	BRO	14	STERLING	STERLING TWP	74559	
09	BRO	15	UNION	UNION TWP	78232	
09	BRO	16	WASHINGTON	WASHINGTON TWP	81102	
08	BUT	01	FAIRFIELD	FAIRFIELD TWP	25984	
08	BUT	03	HANOVER	HANOVER TWP	33250	
08	BUT	04	LEMON	LEMON TWP	42672	
08	BUT	05	LIBERTY	LIBERTY TWP	43050	
08	BUT	06	MADISON	MADISON TWP	46340	
08	BUT	07	MILFORD	MILFORD TWP	50162	
08	BUT	08	MORGAN	MORGAN TWP	52080	
08	BUT	09	OXFORD	OXFORD TWP	59241	
08	BUT	10	REILY	REILY TWP	66096	
08	BUT	11	ROSS	ROSS TWP	68616	
08	BUT	12	SAINT CLAIR	SAINT CLAIR TWP	69498	
08	BUT	14	WAYNE	WAYNE TWP	82082	
08	BUT	13	WEST CHESTER	WEST CHESTER TWP	83150	
11	CAR	01	AUGUSTA	AUGUSTA TWP	03030	
11	CAR	02	BROWN	BROWN TWP	09400	
11	CAR	03	CENTER	CENTER TWP	12896	
11	CAR	04	EAST	EAST TWP	23226	
11	CAR	05	FOX	FOX TWP	28126	
11	CAR	06	HARRISON	HARRISON TWP	33782	
11	CAR	07	LEE	LEE TWP	42434	
11	CAR	08	LOUDON	LOUDON TWP	45038	
11	CAR	09	MONROE	MONROE TWP	51324	
11	CAR	10	ORANGE	ORANGE TWP	58576	

11	CAR	11	PERRY	PERRY TWP	61784	
11	CAR	12	ROSE	ROSE TWP	68420	
11	CAR	13	UNION	UNION TWP	78260	
11	CAR	14	WASHINGTON	WASHINGTON TWP	81116	
07	CHP	01	ADAMS	ADAMS TWP	00212	
07	CHP	02	CONCORD	CONCORD TWP	18126	
07	CHP	03	GOSHEN	GOSHEN TWP	30982	
07	CHP	04	HARRISON	HARRISON TWP	33796	
07	CHP	05	JACKSON	JACKSON TWP	37702	
07	CHP	06	JOHNSON	JOHNSON TWP	39228	
07	CHP	07	MAD RIVER	MAD RIVER TWP	46760	
07	CHP	08	RUSH	RUSH TWP	69078	
07	CHP	09	SALEM	SALEM TWP	69820	
07	CHP	10	UNION	UNION TWP	78274	
07	CHP	11	URBANA	URBANA TWP	79086	
07	CHP	12	WAYNE	WAYNE TWP	82096	
07	CLA	01	BETHEL	BETHEL TWP	06054	
07	CLA	02	GERMAN	GERMAN TWP	29862	
07	CLA	03	GREEN	GREEN TWP	31703	
07	CLA	04	HARMONY	HARMONY TWP	33586	
07	CLA	05	MADISON	MADISON TWP	46354	
07	CLA	06	MAD RIVER	MAD RIVER TWP	46788	
07	CLA	07	MOOREFIELD	MOOREFIELD TWP	51912	
07	CLA	08	PIKE	PIKE TWP	62610	
07	CLA	09	PLEASANT	PLEASANT TWP	63226	
07	CLA	10	SPRINGFIELD	SPRINGFIELD TWP	74119	
08	CLE	01	BATAVIA	BATAVIA TWP	04157	
08	CLE	02	FRANKLIN	FRANKLIN TWP	28224	
08	CLE	03	GOSHEN	GOSHEN TWP	31010	
08	CLE	04	JACKSON	JACKSON TWP	37716	
08	CLE	05	MIAMI	MIAMI TWP	49322	
08	CLE	06	MONROE	MONROE TWP	51338	
08	CLE	07	OHIO	OHIO TWP	57960	
08	CLE	08	PIERCE	PIERCE TWP	62540	
08	CLE	09	STONELICK	STONELICK TWP	74825	
08	CLE	10	TATE	TATE TWP	76155	
08	CLE	11	UNION	UNION TWP	78288	
08	CLE	12	WASHINGTON	WASHINGTON TWP	81130	
08	CLE	13	WAYNE	WAYNE TWP	82110	

08	CLE	14	WILLIAMSBURG	WILLIAMSBURG TWP	85302	
08	CLI	01	ADAMS	ADAMS TWP	00226	
08	CLI	02	CHESTER	CHESTER TWP	13974	
08	CLI	03	CLARK	CLARK TWP	15238	
08	CLI	04	GREEN	GREEN TWP	31710	
08	CLI	05	JEFFERSON	JEFFERSON TWP	38542	
08	CLI	06	LIBERTY	LIBERTY TWP	43064	
08	CLI	07	MARION	MARION TWP	47670	
08	CLI	08	RICHLAND	RICHLAND TWP	66642	
08	CLI	09	UNION	UNION TWP	78302	
08	CLI	10	VERNON	VERNON TWP	79772	
08	CLI	11	WASHINGTON	WASHINGTON TWP	81144	
08	CLI	12	WAYNE	WAYNE TWP	82124	
08	CLI	13	WILSON	WILSON TWP	85820	
11	COL	01	BUTLER	BUTLER TWP	10562	
11	COL	02	CENTER	CENTER TWP	12910	
11	COL	03	ELKRUN	ELKRUN TWP	24906	
11	COL	04	FAIRFIELD	FAIRFIELD TWP	25998	
11	COL	05	FRANKLIN	FRANKLIN TWP	28238	
11	COL	06	HANOVER	HANOVER TWP	33264	
11	COL	07	KNOX	KNOX TWP	40824	
11	COL	08	LIVERPOOL	LIVERPOOL TWP	44226	
11	COL	09	MADISON	MADISON TWP	46368	
11	COL	10	MIDDLETON	MIDDLETON TWP	49784	
11	COL	11	PERRY	PERRY TWP	61798	
11	COL	12	SAINT CLAIR	SAINT CLAIR TWP	69512	
11	COL	13	SALEM	SALEM TWP	69848	
11	COL	14	UNITY	UNITY TWP	78890	
11	COL	15	WASHINGTON	WASHINGTON TWP	81158	
11	COL	16	WAYNE	WAYNE TWP	82138	
11	COL	18	WEST	WEST TWP	82852	
11	COL	19	YELLOW CREEK	YELLOW CREEK TWP	86912	
05	COS	01	ADAMS	ADAMS TWP	00240	
05	COS	02	BEDFORD	BEDFORD TWP	04864	
05	COS	03	BETHLEHEM	BETHLEHEM TWP	06152	
05	COS	04	CLARK	CLARK TWP	15266	
05	COS	05	CRAWFORD	CRAWFORD TWP	19218	
05	COS	06	FRANKLIN	FRANKLIN TWP	28252	
05	COS	07	JACKSON	JACKSON TWP	37730	

05	COS	08	JEFFERSON	JEFFERSON TWP	38556	
05	COS	09	KEENE	KEENE TWP	39634	
05	COS	10	LAFAYETTE	LAFAYETTE TWP	41132	
05	COS	11	LINTON	LINTON TWP	43960	
05	COS	12	MILL CREEK	MILL CREEK TWP	50274	
05	COS	13	MONROE	MONROE TWP	51352	
05	COS	14	NEWCASTLE	NEWCASTLE TWP	54376	
05	COS	15	OXFORD	OXFORD TWP	59248	
05	COS	16	PERRY	PERRY TWP	61812	
05	COS	17	PIKE	PIKE TWP	62624	
05	COS	18	TIVERTON	TIVERTON TWP	76953	
05	COS	19	TUSCARAWAS	TUSCARAWAS TWP	77896	
05	COS	20	VIRGINIA	VIRGINIA TWP	80220	
05	COS	21	WASHINGTON	WASHINGTON TWP	81172	
05	COS	22	WHITE EYES	WHITE EYES TWP	84714	
03	CRA	01	AUBURN	AUBURN TWP	02890	
03	CRA	02	BUCYRUS	BUCYRUS TWP	10044	
03	CRA	03	CHATFIELD	CHATFIELD TWP	13708	
03	CRA	04	CRANBERRY	CRANBERRY TWP	19134	
03	CRA	05	DALLAS	DALLAS TWP	19932	
03	CRA	06	HOLMES	HOLMES TWP	35980	
03	CRA	07	JACKSON	JACKSON TWP	37744	
03	CRA	08	JEFFERSON	JEFFERSON TWP	38570	
03	CRA	09	LIBERTY	LIBERTY TWP	43078	
03	CRA	10	LYKENS	LYKENS TWP	45500	
03	CRA	11	POLK	POLK TWP	64010	
03	CRA	12	SANDUSKY	SANDUSKY TWP	70366	
03	CRA	13	TEXAS	TEXAS TWP	76463	
03	CRA	14	TOD	TOD TWP	76967	
03	CRA	15	VERNON	VERNON TWP	79786	
03	CRA	16	WHETSTONE	WHETSTONE TWP	84644	
12	CUY	11	CHAGRIN FALLS	CHAGRIN FALLS TWP	13372	
12	CUY	37	OLMSTED	OLMSTED TWP	58408	
07	DAR	01	ADAMS	ADAMS TWP	00254	
07	DAR	02	ALLEN	ALLEN TWP	01294	
07	DAR	03	BROWN	BROWN TWP	09414	
07	DAR	04	BUTLER	BUTLER TWP	10576	
07	DAR	05	FRANKLIN	FRANKLIN TWP	28266	
07	DAR	06	GREENVILLE	GREENVILLE TWP	32354	

07	DAR	07	HARRISON	HARRISON TWP	33810	
07	DAR	08	JACKSON	JACKSON TWP	37758	
07	DAR	09	LIBERTY	LIBERTY TWP	43092	
07	DAR	10	MISSISSINAWA	MISSISSINAWA TWP	50960	
07	DAR	11	MONROE	MONROE TWP	51366	
07	DAR	12	NEAVE	NEAVE TWP	53732	
07	DAR	13	PATTERSON	PATTERSON TWP	61168	
07	DAR	14	RICHLAND	RICHLAND TWP	66656	
07	DAR	15	TWIN	TWIN TWP	77980	
07	DAR	16	VAN BUREN	VAN BUREN TWP	79380	
07	DAR	17	WABASH	WABASH TWP	80248	
07	DAR	18	WASHINGTON	WASHINGTON TWP	81186	
07	DAR	19	WAYNE	WAYNE TWP	82152	
07	DAR	20	YORK	YORK TWP	87010	
01	DEF	01	ADAMS	ADAMS TWP	00268	
01	DEF	02	DEFIANCE	DEFIANCE TWP	21322	
01	DEF	03	DELAWARE	DELAWARE TWP	21420	
01	DEF	04	FARMER	FARMER TWP	26614	
01	DEF	05	HICKSVILLE	HICKSVILLE TWP	35112	
01	DEF	06	HIGHLAND	HIGHLAND TWP	35196	
01	DEF	07	MARK	MARK TWP	47852	
01	DEF	08	MILFORD	MILFORD TWP	50190	
01	DEF	09	NOBLE	NOBLE TWP	56014	
01	DEF	10	RICHLAND	RICHLAND TWP	66670	
01	DEF	11	TIFFIN	TIFFIN TWP	76772	
01	DEF	12	WASHINGTON	WASHINGTON TWP	81200	
06	DEL	01	BERKSHIRE	BERKSHIRE TWP	05774	
06	DEL	02	BERLIN	BERLIN TWP	05788	
06	DEL	03	BROWN	BROWN TWP	09428	
06	DEL	04	CONCORD	CONCORD TWP	18140	
06	DEL	05	DELAWARE	DELAWARE TWP	21448	
06	DEL	06	GENOA	GENOA TWP	29694	
06	DEL	07	HARLEM	HARLEM TWP	33516	
06	DEL	08	KINGSTON	KINGSTON TWP	40362	
06	DEL	09	LIBERTY	LIBERTY TWP	43106	
06	DEL	10	MARLBORO	MARLBORO TWP	47908	
06	DEL	11	ORANGE	ORANGE TWP	58618	
06	DEL	12	OXFORD	OXFORD TWP	59262	
06	DEL	13	PORTER	PORTER TWP	64178	

06	DEL	14	RADNOR	RADNOR TWP	65312	
06	DEL	15	SCIOTO	SCIOTO TWP	70842	
06	DEL	16	THOMPSON	THOMPSON TWP	76617	
06	DEL	17	TRENTON	TRENTON TWP	77336	
06	DEL	18	TROY	TROY TWP	77560	
03	ERI	01	BERLIN	BERLIN TWP	05802	
03	ERI	02	FLORENCE	FLORENCE TWP	27482	
03	ERI	03	GROTON	GROTON TWP	32578	
03	ERI	04	HURON	HURON TWP	37030	
03	ERI	06	MARGARETTA	MARGARETTA TWP	47572	
03	ERI	07	MILAN	MILAN TWP	50148	
03	ERI	08	OXFORD	OXFORD TWP	59276	
03	ERI	09	PERKINS	PERKINS TWP	61714	
03	ERI	11	VERMILION	VERMILION TWP	79730	
05	FAI	01	AMANDA	AMANDA TWP	01637	
05	FAI	02	BERNE	BERNE TWP	05956	
05	FAI	03	BLOOM	BLOOM TWP	06950	
05	FAI	04	CLEAR CREEK	CLEAR CREEK TWP	15686	
05	FAI	05	GREENFIELD	GREENFIELD TWP	32060	
05	FAI	06	HOCKING	HOCKING TWP	35812	
05	FAI	08	LIBERTY	LIBERTY TWP	43120	
05	FAI	09	MADISON	MADISON TWP	46382	
05	FAI	10	PLEASANT	PLEASANT TWP	63240	
05	FAI	11	RICHLAND	RICHLAND TWP	66684	
05	FAI	12	RUSH CREEK	RUSH CREEK TWP	69120	
05	FAI	13	VIOLET	VIOLET TWP	80206	
05	FAI	14	WALNUT	WALNUT TWP	80570	
06	FAY	01	CONCORD	CONCORD TWP	18154	
06	FAY	02	GREEN	GREEN TWP	31724	
06	FAY	03	JASPER	JASPER TWP	38388	
06	FAY	04	JEFFERSON	JEFFERSON TWP	38598	
06	FAY	05	MADISON	MADISON TWP	46396	
06	FAY	06	MARION	MARION TWP	47684	
06	FAY	07	PAINT	PAINT TWP	59486	
06	FAY	08	PERRY	PERRY TWP	61826	
06	FAY	09	UNION	UNION TWP	78316	
06	FAY	11	WAYNE	WAYNE TWP	82166	
06	FRA	02	BLENDON	BLENDON TWP	06922	
06	FRA	03	BROWN	BROWN TWP	09442	

06	FRA	04	CLINTON	CLINTON TWP	16112	
06	FRA	05	FRANKLIN	FRANKLIN TWP	28280	
06	FRA	06	HAMILTON	HAMILTON TWP	33026	
06	FRA	07	JACKSON	JACKSON TWP	37772	
06	FRA	08	JEFFERSON	JEFFERSON TWP	38612	
06	FRA	09	MADISON	MADISON TWP	46410	
06	FRA	11	MIFFLIN	MIFFLIN TWP	50064	
06	FRA	12	NORWICH	NORWICH TWP	57344	
06	FRA	13	PERRY	PERRY TWP	61840	
06	FRA	14	PLAIN	PLAIN TWP	62974	
06	FRA	15	PLEASANT	PLEASANT TWP	63254	
06	FRA	16	PRAIRIE	PRAIRIE TWP	64570	
06	FRA	17	SHARON	SHARON TWP	71787	
06	FRA	18	TRURO	TRURO TWP	77714	
06	FRA	19	WASHINGTON	WASHINGTON TWP	81242	
02	FUL	01	AMBOY	AMBOY TWP	01728	
02	FUL	02	CHESTERFIELD	CHESTERFIELD TWP	14072	
02	FUL	03	CLINTON	CLINTON TWP	16126	
02	FUL	04	DOVER	DOVER TWP	22442	
02	FUL	05	FRANKLIN	FRANKLIN TWP	28294	
02	FUL	06	FULTON	FULTON TWP	29036	
02	FUL	07	GERMAN	GERMAN TWP	29876	
02	FUL	08	GORHAM	GORHAM TWP	30940	
02	FUL	09	PIKE	PIKE TWP	62638	
02	FUL	10	ROYALTON	ROYALTON TWP	68896	
02	FUL	11	SWAN CREEK	SWAN CREEK TWP	75861	
02	FUL	12	YORK	YORK TWP	87024	
10	GAL	01	ADDISON	ADDISON TWP	00422	
10	GAL	02	CHESHIRE	CHESHIRE TWP	13946	
10	GAL	03	CLAY	CLAY TWP	15462	
10	GAL	04	GALLIPOLIS	GALLIPOLIS TWP	29218	
10	GAL	05	GREEN	GREEN TWP	31738	
10	GAL	06	GREENFIELD	GREENFIELD TWP	32074	
10	GAL	07	GUYAN	GUYAN TWP	32760	
10	GAL	08	HARRISON	HARRISON TWP	33824	
10	GAL	09	HUNTINGTON	HUNTINGTON TWP	36848	
10	GAL	10	MORGAN	MORGAN TWP	52094	
10	GAL	11	OHIO	OHIO TWP	57974	
10	GAL	12	PERRY	PERRY TWP	61854	

10	GAL	13	RACCOON	RACCOON TWP	65228	
10	GAL	14	SPRINGFIELD	SPRINGFIELD TWP	74120	
10	GAL	15	WALNUT	WALNUT TWP	80584	
12	GEA	01	AUBURN	AUBURN TWP	02904	
12	GEA	02	BAINBRIDGE	BAINBRIDGE TWP	03590	
12	GEA	03	BURTON	BURTON TWP	10464	
12	GEA	04	CHARDON	CHARDON TWP	13561	
12	GEA	05	CHESTER	CHESTER TWP	13988	
12	GEA	06	CLARIDON	CLARIDON TWP	15168	
12	GEA	07	HAMBDEN	HAMBDEN TWP	32914	
12	GEA	08	HUNTSBURG	HUNTSBURG TWP	36946	
12	GEA	09	MIDDLEFIELD	MIDDLEFIELD TWP	49714	
12	GEA	10	MONTVILLE	MONTVILLE TWP	51842	
12	GEA	11	MUNSON	MUNSON TWP	53340	
12	GEA	12	NEWBURY	NEWBURY TWP	54292	
12	GEA	13	PARKMAN	PARKMAN TWP	59948	
12	GEA	14	RUSSELL	RUSSELL TWP	69232	
12	GEA	15	THOMPSON	THOMPSON TWP	76628	
12	GEA	16	TROY	TROY TWP	77574	
08	GRE	01	BATH	BATH TWP	04220	
08	GRE	02	BEAVERCREEK	BEAVERCREEK TWP	04724	
08	GRE	03	CAESARCREEK	CAESARCREEK TWP	10856	
08	GRE	04	CEDARVILLE	CEDARVILLE TWP	12798	
08	GRE	05	JEFFERSON	JEFFERSON TWP	38626	
08	GRE	06	MIAMI	MIAMI TWP	49336	
08	GRE	07	NEW JASPER	NEW JASPER TWP	54810	
08	GRE	08	ROSS	ROSS TWP	68630	
08	GRE	09	SILVERCREEK	SILVERCREEK TWP	72473	
08	GRE	10	SPRING VALLEY	SPRING VALLEY TWP	74223	
08	GRE	11	SUGARCREEK	SUGARCREEK TWP	75201	
08	GRE	12	XENIA	XENIA TWP	86786	
05	GUE	01	ADAMS	ADAMS TWP	00282	
05	GUE	02	CAMBRIDGE	CAMBRIDGE TWP	11003	
05	GUE	03	CENTER	CENTER TWP	12938	
05	GUE	04	JACKSON	JACKSON TWP	37786	
05	GUE	05	JEFFERSON	JEFFERSON TWP	38640	
05	GUE	06	KNOX	KNOX TWP	40838	
05	GUE	07	LIBERTY	LIBERTY TWP	43134	
05	GUE	08	LONDONDERRY	LONDONDERRY TWP	44716	

05	GUE	09	MADISON	MADISON TWP	46424	
05	GUE	10	MILLWOOD	MILLWOOD TWP	50568	
05	GUE	11	MONROE	MONROE TWP	51380	
05	GUE	12	OXFORD	OXFORD TWP	59290	
05	GUE	13	RICHLAND	RICHLAND TWP	66698	
05	GUE	14	SPENCER	SPENCER TWP	73986	
05	GUE	15	VALLEY	VALLEY TWP	79156	
05	GUE	16	WASHINGTON	WASHINGTON TWP	81256	
05	GUE	17	WESTLAND	WESTLAND TWP	83664	
05	GUE	18	WHEELING	WHEELING TWP	84616	
05	GUE	19	WILLS	WILLS TWP	85708	
08	HAM	01	ANDERSON	ANDERSON TWP	01980	
08	HAM	02	COLERAIN	COLERAIN TWP	16616	
08	HAM	03	COLUMBIA	COLUMBIA TWP	16882	
08	HAM	04	CROSBY	CROSBY TWP	19470	
08	HAM	05	DELHI	DELHI TWP	21504	
08	HAM	06	GREEN	GREEN TWP	31752	
08	HAM	07	HARRISON	HARRISON TWP	33852	
08	HAM	09	MIAMI	MIAMI TWP	49364	
08	HAM	12	SPRINGFIELD	SPRINGFIELD TWP	74121	
08	HAM	13	SYCAMORE	SYCAMORE TWP	75973	
08	HAM	14	SYMMES	SYMMES TWP	76028	
08	HAM	15	WHITEWATER	WHITEWATER TWP	84938	
01	HAN	01	ALLEN	ALLEN TWP	01308	
01	HAN	02	AMANDA	AMANDA TWP	01644	
01	HAN	03	BIGLICK	BIGLICK TWP	06362	
01	HAN	04	BLANCHARD	BLANCHARD TWP	06838	
01	HAN	05	CASS	CASS TWP	12392	
01	HAN	06	DELAWARE	DELAWARE TWP	21462	
01	HAN	07	EAGLE	EAGLE TWP	23086	
01	HAN	09	JACKSON	JACKSON TWP	37800	
01	HAN	10	LIBERTY	LIBERTY TWP	43148	
01	HAN	11	MADISON	MADISON TWP	46438	
01	HAN	12	MARION	MARION TWP	47698	
01	HAN	13	ORANGE	ORANGE TWP	58632	
01	HAN	14	PLEASANT	PLEASANT TWP	63268	
01	HAN	15	PORTAGE	PORTAGE TWP	64066	
01	HAN	16	UNION	UNION TWP	78330	
01	HAN	17	VAN BUREN	VAN BUREN TWP	79408	

01	HAN	18	WASHINGTON	WASHINGTON TWP	81284	
01	HAR	01	BLANCHARD	BLANCHARD TWP	06866	
01	HAR	02	BUCK	BUCK TWP	09848	
01	HAR	03	CESSNA	CESSNA TWP	13316	
01	HAR	04	DUDLEY	DUDLEY TWP	22736	
01	HAR	05	GOSHEN	GOSHEN TWP	31024	
01	HAR	06	HALE	HALE TWP	32837	
01	HAR	07	JACKSON	JACKSON TWP	37814	
01	HAR	08	LIBERTY	LIBERTY TWP	43162	
01	HAR	09	LYNN	LYNN TWP	45598	
01	HAR	11	MCDONALD	MCDONALD TWP	45920	
01	HAR	10	MARION	MARION TWP	47712	
01	HAR	12	PLEASANT	PLEASANT TWP	63282	
01	HAR	13	ROUNDHEAD	ROUNDHEAD TWP	68784	
01	HAR	14	TAYLOR CREEK	TAYLOR CREEK TWP	76198	
01	HAR	15	WASHINGTON	WASHINGTON TWP	81298	
11	HAS	01	ARCHER	ARCHER TWP	02358	
11	HAS	02	ATHENS	ATHENS TWP	02764	
11	HAS	03	CADIZ	CADIZ TWP	10814	
11	HAS	04	FRANKLIN	FRANKLIN TWP	28308	
11	HAS	05	FREEPORT	FREEPORT TWP	28812	
11	HAS	06	GERMAN	GERMAN TWP	29890	
11	HAS	07	GREEN	GREEN TWP	31766	
11	HAS	08	MONROE	MONROE TWP	51394	
11	HAS	09	MOOREFIELD	MOOREFIELD TWP	51940	
11	HAS	10	NORTH	NORTH TWP	56084	
11	HAS	11	NOTTINGHAM	NOTTINGHAM TWP	57456	
11	HAS	12	RUMLEY	RUMLEY TWP	68994	
11	HAS	13	SHORT CREEK	SHORT CREEK TWP	72361	
11	HAS	14	STOCK	STOCK TWP	74724	
11	HAS	15	WASHINGTON	WASHINGTON TWP	81312	
02	HEN	01	BARTLOW	BARTLOW TWP	04052	
02	HEN	02	DAMASCUS	DAMASCUS TWP	20016	
02	HEN	03	FLATROCK	FLATROCK TWP	27342	
02	HEN	04	FREEDOM	FREEDOM TWP	28700	
02	HEN	05	HARRISON	HARRISON TWP	33866	
02	HEN	06	LIBERTY	LIBERTY TWP	43176	
02	HEN	07	MARION	MARION TWP	47726	
02	HEN	08	MONROE	MONROE TWP	51408	

02	HEN	09	NAPOLEON	NAPOLEON TWP	53564	
02	HEN	10	PLEASANT	PLEASANT TWP	63296	
02	HEN	11	RICHFIELD	RICHFIELD TWP	66502	
02	HEN	12	RIDGEVILLE	RIDGEVILLE TWP	67062	
02	HEN	13	WASHINGTON	WASHINGTON TWP	81326	
09	HIG	01	BRUSH CREEK	BRUSH CREEK TWP	09736	
09	HIG	02	CLAY	CLAY TWP	15476	
09	HIG	03	CONCORD	CONCORD TWP	18168	
09	HIG	04	DODSON	DODSON TWP	22204	
09	HIG	05	FAIRFIELD	FAIRFIELD TWP	26026	
09	HIG	06	HAMER	HAMER TWP	32970	
09	HIG	07	JACKSON	JACKSON TWP	37828	
09	HIG	08	LIBERTY	LIBERTY TWP	43190	
09	HIG	09	MADISON	MADISON TWP	46452	
09	HIG	10	MARSHALL	MARSHALL TWP	48034	
09	HIG	11	NEW MARKET	NEW MARKET TWP	55048	
09	HIG	12	PAINT	PAINT TWP	59500	
09	HIG	13	PENN	PENN TWP	61588	
09	HIG	14	SALEM	SALEM TWP	69862	
09	HIG	15	UNION	UNION TWP	78344	
09	HIG	16	WASHINGTON	WASHINGTON TWP	81340	
09	HIG	17	WHITE OAK	WHITE OAK TWP	84826	
10	HOC	01	BENTON	BENTON TWP	05578	
10	HOC	02	FALLS	FALLS TWP	26488	
10	HOC	03	GOOD HOPE	GOOD HOPE TWP	30842	
10	HOC	04	GREEN	GREEN TWP	31780	
10	HOC	05	LAUREL	LAUREL TWP	42056	
10	HOC	06	MARION	MARION TWP	47740	
10	HOC	07	PERRY	PERRY TWP	61868	
10	HOC	08	SALT CREEK	SALT CREEK TWP	70142	
10	HOC	09	STARR	STARR TWP	74405	
10	HOC	10	WARD	WARD TWP	80780	
10	HOC	11	WASHINGTON	WASHINGTON TWP	81354	
11	HOL	01	BERLIN	BERLIN TWP	05830	
11	HOL	02	CLARK	CLARK TWP	15280	
11	HOL	03	HARDY	HARDY TWP	33460	
11	HOL	04	KILLBUCK	KILLBUCK TWP	40194	
11	HOL	05	KNOX	KNOX TWP	40852	
11	HOL	06	MECHANIC	MECHANIC TWP	48692	

11	HOL	07	MONROE	MONROE TWP	51422	
11	HOL	08	PAINT	PAINT TWP	59514	
11	HOL	09	PRAIRIE	PRAIRIE TWP	64584	
11	HOL	10	RICHLAND	RICHLAND TWP	66712	
11	HOL	11	RIPLEY	RIPLEY TWP	67286	
11	HOL	12	SALT CREEK	SALT CREEK TWP	70156	
11	HOL	13	WALNUT CREEK	WALNUT CREEK TWP	80626	
11	HOL	14	WASHINGTON	WASHINGTON TWP	81368	
03	HUR	02	BRONSON	BRONSON TWP	09148	
03	HUR	03	CLARKSFIELD	CLARKSFIELD TWP	15364	
03	HUR	04	FAIRFIELD	FAIRFIELD TWP	26040	
03	HUR	05	FITCHVILLE	FITCHVILLE TWP	27216	
03	HUR	06	GREENFIELD	GREENFIELD TWP	32102	
03	HUR	07	GREENWICH	GREENWICH TWP	32382	
03	HUR	08	HARTLAND	HARTLAND TWP	34258	
03	HUR	09	LYME	LYME TWP	45514	
03	HUR	10	NEW HAVEN	NEW HAVEN TWP	54712	
03	HUR	11	NEW LONDON	NEW LONDON TWP	54922	
03	HUR	12	NORWALK	NORWALK TWP	57316	
03	HUR	13	NORWICH	NORWICH TWP	57358	
03	HUR	14	PERU	PERU TWP	62246	
03	HUR	15	RICHMOND	RICHMOND TWP	66810	
03	HUR	16	RIDGEFIELD	RIDGEFIELD TWP	67006	
03	HUR	17	RIPLEY	RIPLEY TWP	67300	
03	HUR	18	SHERMAN	SHERMAN TWP	72193	
03	HUR	19	TOWNSEND	TOWNSEND TWP	77158	
03	HUR	20	WAKEMAN	WAKEMAN TWP	80472	
09	JAC	01	BLOOMFIELD	BLOOMFIELD TWP	07090	
09	JAC	02	COAL	COAL TWP	16336	
09	JAC	03	FRANKLIN	FRANKLIN TWP	28322	
09	JAC	04	HAMILTON	HAMILTON TWP	33040	
09	JAC	05	JACKSON	JACKSON TWP	37856	
09	JAC	06	JEFFERSON	JEFFERSON TWP	38654	
09	JAC	07	LIBERTY	LIBERTY TWP	43204	
09	JAC	08	LICK	LICK TWP	43442	
09	JAC	09	MADISON	MADISON TWP	46466	
09	JAC	10	MILTON	MILTON TWP	50624	
09	JAC	11	SCIOTO	SCIOTO TWP	70856	
09	JAC	12	WASHINGTON	WASHINGTON TWP	81382	

11	JEF	01	BRUSH CREEK	BRUSH CREEK TWP	09750	
11	JEF	02	CROSS CREEK	CROSS CREEK TWP	19484	
11	JEF	03	ISLAND CREEK	ISLAND CREEK TWP	37534	
11	JEF	04	KNOX	KNOX TWP	40866	
11	JEF	05	MOUNT PLEASANT	MOUNT PLEASANT TWP	52990	
11	JEF	06	ROSS	ROSS TWP	68644	
11	JEF	07	SALEM	SALEM TWP	69876	
11	JEF	08	SALINE	SALINE TWP	70086	
11	JEF	09	SMITHFIELD	SMITHFIELD TWP	72767	
11	JEF	10	SPRINGFIELD	SPRINGFIELD TWP	74122	
11	JEF	11	STEUBENVILLE	STEUBENVILLE TWP	74615	
11	JEF	12	WARREN	WARREN TWP	80878	
11	JEF	13	WAYNE	WAYNE TWP	82180	
11	JEF	14	WELLS	WELLS TWP	82698	
05	KNO	01	BERLIN	BERLIN TWP	05844	
05	KNO	02	BROWN	BROWN TWP	09470	
05	KNO	03	BUTLER	BUTLER TWP	10590	
05	KNO	04	CLAY	CLAY TWP	15504	
05	KNO	05	CLINTON	CLINTON TWP	16140	
05	KNO	06	COLLEGE	COLLEGE TWP	16686	
05	KNO	07	HARRISON	HARRISON TWP	33880	
05	KNO	08	HILLIAR	HILLIAR TWP	35462	
05	KNO	09	HOWARD	HOWARD TWP	36526	
05	KNO	10	JACKSON	JACKSON TWP	37870	
05	KNO	11	JEFFERSON	JEFFERSON TWP	38668	
05	KNO	12	LIBERTY	LIBERTY TWP	43218	
05	KNO	13	MIDDLEBURY	MIDDLEBURY TWP	49658	
05	KNO	14	MILFORD	MILFORD TWP	50204	
05	KNO	15	MILLER	MILLER TWP	50330	
05	KNO	16	MONROE	MONROE TWP	51436	
05	KNO	17	MORGAN	MORGAN TWP	52108	
05	KNO	18	MORRIS	MORRIS TWP	52290	
05	KNO	19	PIKE	PIKE TWP	62652	
05	KNO	20	PLEASANT	PLEASANT TWP	63310	
05	KNO	21	UNION	UNION TWP	78358	
05	KNO	22	WAYNE	WAYNE TWP	82194	
12	LAK	01	CONCORD	CONCORD TWP	18196	
12	LAK	03	LEROY	LEROY TWP	42812	

12	LAK	04	MADISON	MADISON TWP	46494	
12	LAK	06	PAINESVILLE	PAINESVILLE TWP	59430	
12	LAK	07	PERRY	PERRY TWP	61896	
09	LAW	01	AID	AID TWP	00562	
09	LAW	02	DECATUR	DECATUR TWP	21084	
09	LAW	03	ELIZABETH	ELIZABETH TWP	24822	
09	LAW	04	FAYETTE	FAYETTE TWP	26782	
09	LAW	05	HAMILTON	HAMILTON TWP	33054	
09	LAW	06	LAWRENCE	LAWRENCE TWP	42154	
09	LAW	07	MASON	MASON TWP	48174	
09	LAW	08	PERRY	PERRY TWP	61910	
09	LAW	09	ROME	ROME TWP	68280	
09	LAW	10	SYMMES	SYMMES TWP	76031	
09	LAW	11	UNION	UNION TWP	78372	
09	LAW	12	UPPER	UPPER TWP	78974	
09	LAW	13	WASHINGTON	WASHINGTON TWP	81396	
09	LAW	14	WINDSOR	WINDSOR TWP	86002	
05	LIC	01	BENNINGTON	BENNINGTON TWP	05494	
05	LIC	02	BOWLING GREEN	BOWLING GREEN TWP	07944	
05	LIC	03	BURLINGTON	BURLINGTON TWP	10366	
05	LIC	04	EDEN	EDEN TWP	24332	
05	LIC	05	ETNA	ETNA TWP	25690	
05	LIC	06	FALLSBURY	FALLSBURY TWP	26530	
05	LIC	07	FRANKLIN	FRANKLIN TWP	28336	
05	LIC	08	GRANVILLE	GRANVILLE TWP	31416	
05	LIC	09	HANOVER	HANOVER TWP	33299	
05	LIC	10	HARRISON	HARRISON TWP	33894	
05	LIC	11	HARTFORD	HARTFORD TWP	34188	
05	LIC	12	HOPEWELL	HOPEWELL TWP	36316	
05	LIC	13	JERSEY	JERSEY TWP	39102	
05	LIC	14	LIBERTY	LIBERTY TWP	43232	
05	LIC	15	LICKING	LICKING TWP	43456	
05	LIC	19	MCKEAN	MCKEAN TWP	46116	
05	LIC	17	MADISON	MADISON TWP	46508	
05	LIC	18	MARY ANN	MARY ANN TWP	48132	
05	LIC	20	MONROE	MONROE TWP	51450	
05	LIC	21	NEWARK	NEWARK TWP	54054	
05	LIC	22	NEWTON	NEWTON TWP	55580	
05	LIC	23	PERRY	PERRY TWP	61924	

05	LIC	24	SAINT ALBANS	SAINT ALBANS TWP	69456	
05	LIC	25	UNION	UNION TWP	78400	
05	LIC	26	WASHINGTON	WASHINGTON TWP	81410	
07	LOG	01	BLOOMFIELD	BLOOMFIELD TWP	07118	
07	LOG	02	BOKES CREEK	BOKES CREEK TWP	07552	
07	LOG	03	HARRISON	HARRISON TWP	33908	
07	LOG	04	JEFFERSON	JEFFERSON TWP	38682	
07	LOG	05	LAKE	LAKE TWP	41286	
07	LOG	06	LIBERTY	LIBERTY TWP	43246	
07	LOG	07	MCARTHUR	MCARTHUR TWP	45682	
07	LOG	08	MIAMI	MIAMI TWP	49378	
07	LOG	09	MONROE	MONROE TWP	51464	
07	LOG	10	PERRY	PERRY TWP	61938	
07	LOG	11	PLEASANT	PLEASANT TWP	63324	
07	LOG	12	RICHLAND	RICHLAND TWP	66740	
07	LOG	13	RUSHCREEK	RUSHCREEK TWP	69134	
07	LOG	14	STOKES	STOKES TWP	74780	
07	LOG	15	UNION	UNION TWP	78414	
07	LOG	16	WASHINGTON	WASHINGTON TWP	81424	
07	LOG	17	ZANE	ZANE TWP	88042	
03	LOR	01	AMHERST	AMHERST TWP	01812	
03	LOR	05	BRIGHTON	BRIGHTON TWP	08770	
03	LOR	07	BROWNHelm	BROWNHelm TWP	09568	
03	LOR	08	CAMDEN	CAMDEN TWP	11010	
03	LOR	09	CARLISLE	CARLISLE TWP	12140	
03	LOR	10	COLUMBIA	COLUMBIA TWP	16910	
03	LOR	11	EATON	EATON TWP	24220	
03	LOR	12	ELYRIA	ELYRIA TWP	25270	
03	LOR	13	GRAFTON	GRAFTON TWP	31164	
03	LOR	14	HENRIETTA	HENRIETTA TWP	34972	
03	LOR	15	HUNTINGTON	HUNTINGTON TWP	36876	
03	LOR	16	LAGRANGE	LAGRANGE TWP	41244	
03	LOR	21	NEW RUSSIA	NEW RUSSIA TWP	55446	
03	LOR	17	PENFIELD	PENFIELD TWP	61532	
03	LOR	18	PITTSFIELD	PITTSFIELD TWP	62960	
03	LOR	20	ROCHESTER	ROCHESTER TWP	67776	
03	LOR	22	SHEFFIELD	SHEFFIELD TWP	72067	
03	LOR	23	WELLINGTON	WELLINGTON TWP	82656	
02	LUC	02	HARDING	HARDING TWP	33418	

02	LUC	03	JERUSALEM	JERUSALEM TWP	39116	
02	LUC	04	MONCLOVA	MONCLOVA TWP	51156	
02	LUC	08	PROVIDENCE	PROVIDENCE TWP	64836	
02	LUC	09	RICHFIELD	RICHFIELD TWP	66516	
02	LUC	10	SPENCER	SPENCER TWP	73990	
02	LUC	11	SPRINGFIELD	SPRINGFIELD TWP	74123	
02	LUC	12	SWANTON	SWANTON TWP	75903	
02	LUC	13	SYLVANIA	SYLVANIA TWP	76025	
02	LUC	14	WASHINGTON	WASHINGTON TWP	81438	
02	LUC	15	WATERVILLE	WATERVILLE TWP	81872	
06	MAD	01	CANAAN	CANAAN TWP	11234	
06	MAD	02	DARBY	DARBY TWP	20142	
06	MAD	03	DEER CREEK	DEER CREEK TWP	21154	
06	MAD	04	FAIRFIELD	FAIRFIELD TWP	26068	
06	MAD	05	JEFFERSON	JEFFERSON TWP	38696	
06	MAD	06	MONROE	MONROE TWP	51478	
06	MAD	07	OAK RUN	OAK RUN TWP	57708	
06	MAD	08	PAINT	PAINT TWP	59528	
06	MAD	09	PIKE	PIKE TWP	62666	
06	MAD	10	PLEASANT	PLEASANT TWP	63338	
06	MAD	11	RANGE	RANGE TWP	65480	
06	MAD	12	SOMERFORD	SOMERFORD TWP	72960	
06	MAD	13	STOKES	STOKES TWP	74784	
06	MAD	14	UNION	UNION TWP	78428	
04	MAH	01	AUSTINTOWN	AUSTINTOWN TWP	03198	
04	MAH	02	BEAVER	BEAVER TWP	04668	
04	MAH	03	BERLIN	BERLIN TWP	05858	
04	MAH	04	BOARDMAN	BOARDMAN TWP	07468	
04	MAH	05	CANFIELD	CANFIELD TWP	11374	
04	MAH	06	COITSVILLE	COITSVILLE TWP	16476	
04	MAH	07	ELLSWORTH	ELLSWORTH TWP	25088	
04	MAH	08	GOSHEN	GOSHEN TWP	31038	
04	MAH	09	GREEN	GREEN TWP	31794	
04	MAH	10	JACKSON	JACKSON TWP	37884	
04	MAH	11	MILTON	MILTON TWP	50638	
04	MAH	12	POLAND	POLAND TWP	63968	
04	MAH	13	SMITH	SMITH TWP	72740	
04	MAH	14	SPRINGFIELD	SPRINGFIELD TWP	74124	
06	MAR	01	BIG ISLAND	BIG ISLAND TWP	06348	

06	MAR	02	BOWLING GREEN	BOWLING GREEN TWP	07958	
06	MAR	03	CLARIDON	CLARIDON TWP	15196	
06	MAR	04	GRAND	GRAND TWP	31178	
06	MAR	05	GRAND PRAIRIE	GRAND PRAIRIE TWP	31192	
06	MAR	06	GREEN CAMP	GREEN CAMP TWP	31962	
06	MAR	07	MARION	MARION TWP	47768	
06	MAR	08	MONTGOMERY	MONTGOMERY TWP	51730	
06	MAR	09	PLEASANT	PLEASANT TWP	63352	
06	MAR	10	PROSPECT	PROSPECT TWP	64794	
06	MAR	11	RICHLAND	RICHLAND TWP	66754	
06	MAR	12	SALT ROCK	SALT ROCK TWP	70240	
06	MAR	13	SCOTT	SCOTT TWP	71073	
06	MAR	14	TULLY	TULLY TWP	77742	
06	MAR	15	WALDO	WALDO TWP	80514	
03	MED	01	BRUNSWICK HILLS	BRUNSWICK HILLS TWP	09708	
03	MED	02	CHATHAM	CHATHAM TWP	13750	
03	MED	03	GRANGER	GRANGER TWP	31374	
03	MED	04	GUILFORD	GUILFORD TWP	32676	
03	MED	05	HARRISVILLE	HARRISVILLE TWP	34104	
03	MED	06	HINCKLEY	HINCKLEY TWP	35644	
03	MED	07	HOMER	HOMER TWP	36078	
03	MED	08	LAFAYETTE	LAFAYETTE TWP	41174	
03	MED	09	LITCHFIELD	LITCHFIELD TWP	44072	
03	MED	10	LIVERPOOL	LIVERPOOL TWP	44240	
03	MED	11	MEDINA	MEDINA TWP	48804	
03	MED	12	MONTVILLE	MONTVILLE TWP	51856	
03	MED	13	SHARON	SHARON TWP	71801	
03	MED	14	SPENCER	SPENCER TWP	73999	
03	MED	15	WADSWORTH	WADSWORTH TWP	80318	
03	MED	16	WESTFIELD	WESTFIELD TWP	83426	
03	MED	17	YORK	YORK TWP	87052	
10	MEG	01	BEDFORD	BEDFORD TWP	04906	
10	MEG	02	CHESTER	CHESTER TWP	14016	
10	MEG	03	COLUMBIA	COLUMBIA TWP	16924	
10	MEG	04	LEBANON	LEBANON TWP	42336	
10	MEG	05	LETART	LETART TWP	42868	
10	MEG	06	OLIVE	OLIVE TWP	58282	
10	MEG	07	ORANGE	ORANGE TWP	58646	

10	MEG	08	RUTLAND	RUTLAND TWP	69372	
10	MEG	09	SALEM	SALEM TWP	69904	
10	MEG	10	SALISBURY	SALISBURY TWP	70114	
10	MEG	11	SCIPIO	SCIPIO TWP	70996	
10	MEG	12	SUTTON	SUTTON TWP	75847	
07	MER	01	BLACK CREEK	BLACK CREEK TWP	06586	
07	MER	02	BUTLER	BUTLER TWP	10604	
07	MER	03	CENTER	CENTER TWP	12952	
07	MER	04	DUBLIN	DUBLIN TWP	22708	
07	MER	05	FRANKLIN	FRANKLIN TWP	28350	
07	MER	06	GIBSON	GIBSON TWP	30058	
07	MER	07	GRANVILLE	GRANVILLE TWP	31430	
07	MER	08	HOPEWELL	HOPEWELL TWP	36344	
07	MER	09	JEFFERSON	JEFFERSON TWP	38724	
07	MER	10	LIBERTY	LIBERTY TWP	43260	
07	MER	11	MARION	MARION TWP	47782	
07	MER	12	RECOVERY	RECOVERY TWP	65781	
07	MER	13	UNION	UNION TWP	78442	
07	MER	14	WASHINGTON	WASHINGTON TWP	81452	
07	MIA	01	BETHEL	BETHEL TWP	06110	
07	MIA	02	BROWN	BROWN TWP	09498	
07	MIA	03	CONCORD	CONCORD TWP	18224	
07	MIA	04	ELIZABETH	ELIZABETH TWP	24836	
07	MIA	05	LOST CREEK	LOST CREEK TWP	44968	
07	MIA	06	MONROE	MONROE TWP	51492	
07	MIA	07	NEWBERRY	NEWBERRY TWP	54138	
07	MIA	08	NEWTON	NEWTON TWP	55594	
07	MIA	09	SPRING CREEK	SPRING CREEK TWP	74097	
07	MIA	10	STAUNTON	STAUNTON TWP	74475	
07	MIA	11	UNION	UNION TWP	78456	
07	MIA	12	WASHINGTON	WASHINGTON TWP	81466	
10	MOE	01	ADAMS	ADAMS TWP	00296	
10	MOE	02	BENTON	BENTON TWP	05606	
10	MOE	03	BETHEL	BETHEL TWP	06124	
10	MOE	04	CENTER	CENTER TWP	12966	
10	MOE	05	FRANKLIN	FRANKLIN TWP	28357	
10	MOE	06	GREEN	GREEN TWP	31808	
10	MOE	07	JACKSON	JACKSON TWP	37898	
10	MOE	08	LEE	LEE TWP	42448	

10	MOE	09	MALAGA	MALAGA TWP	46928	
10	MOE	10	OHIO	OHIO TWP	57988	
10	MOE	11	PERRY	PERRY TWP	61952	
10	MOE	12	SALEM	SALEM TWP	69918	
10	MOE	13	SENECA	SENECA TWP	71349	
10	MOE	14	SUMMIT	SUMMIT TWP	75497	
10	MOE	15	SUNSBURY	SUNSBURY TWP	75686	
10	MOE	16	SWITZERLAND	SWITZERLAND TWP	75945	
10	MOE	17	WASHINGTON	WASHINGTON TWP	81480	
10	MOE	18	WAYNE	WAYNE TWP	82208	
07	MOT	01	BUTLER	BUTLER TWP	10618	
07	MOT	02	CLAY	CLAY TWP	15518	
07	MOT	03	GERMAN	GERMAN TWP	29904	
07	MOT	04	HARRISON	HARRISON TWP	33922	
07	MOT	05	JACKSON	JACKSON TWP	37912	
07	MOT	06	JEFFERSON	JEFFERSON TWP	38738	
07	MOT	09	MIAMI	MIAMI TWP	49392	
07	MOT	10	PERRY	PERRY TWP	61966	
07	MOT	13	WASHINGTON	WASHINGTON TWP	81494	
10	MRG	01	BLOOM	BLOOM TWP	06964	
10	MRG	02	BRISTOL	BRISTOL TWP	08910	
10	MRG	03	CENTER	CENTER TWP	12980	
10	MRG	04	DEERFIELD	DEERFIELD TWP	21182	
10	MRG	05	HOMER	HOMER TWP	36092	
10	MRG	06	MALTA	MALTA TWP	46984	
10	MRG	07	MANCHESTER	MANCHESTER TWP	47040	
10	MRG	08	MARION	MARION TWP	47796	
10	MRG	09	MEIGSVILLE	MEIGSVILLE TWP	48930	
10	MRG	10	MORGAN	MORGAN TWP	52122	
10	MRG	11	PENN	PENN TWP	61602	
10	MRG	12	UNION	UNION TWP	78484	
10	MRG	13	WINDSOR	WINDSOR TWP	86016	
10	MRG	14	YORK	YORK TWP	87066	
06	MRW	01	BENNINGTON	BENNINGTON TWP	05508	
06	MRW	02	CANAAN	CANAAN TWP	11248	
06	MRW	03	CARDINGTON	CARDINGTON TWP	12098	
06	MRW	04	CHESTER	CHESTER TWP	14030	
06	MRW	05	CONGRESS	CONGRESS TWP	18294	
06	MRW	06	FRANKLIN	FRANKLIN TWP	28378	

06	MRW	07	GILEAD	GILEAD TWP	30128	
06	MRW	08	HARMONY	HARMONY TWP	33600	
06	MRW	09	LINCOLN	LINCOLN TWP	43680	
06	MRW	10	NORTH BLOOMFIELD	NORTH BLOOMFIELD TWP	56224	
06	MRW	11	PERRY	PERRY TWP	61980	
06	MRW	12	PERU	PERU TWP	62260	
06	MRW	13	SOUTH BLOOMFIELD	SOUTH BLOOMFIELD TWP	73061	
06	MRW	14	TROY	TROY TWP	77602	
06	MRW	15	WASHINGTON	WASHINGTON TWP	81508	
06	MRW	16	WESTFIELD	WESTFIELD TWP	83454	
05	MUS	01	ADAMS	ADAMS TWP	00310	
05	MUS	02	BLUE ROCK	BLUE ROCK TWP	07398	
05	MUS	03	BRUSH CREEK	BRUSH CREEK TWP	09757	
05	MUS	04	CASS	CASS TWP	12406	
05	MUS	05	CLAY	CLAY TWP	15532	
05	MUS	06	FALLS	FALLS TWP	26502	
05	MUS	07	HARRISON	HARRISON TWP	33936	
05	MUS	08	HIGHLAND	HIGHLAND TWP	35238	
05	MUS	09	HOPEWELL	HOPEWELL TWP	36372	
05	MUS	10	JACKSON	JACKSON TWP	37926	
05	MUS	11	JEFFERSON	JEFFERSON TWP	38752	
05	MUS	12	LICKING	LICKING TWP	43470	
05	MUS	13	MADISON	MADISON TWP	46536	
05	MUS	14	MEIGS	MEIGS TWP	48916	
05	MUS	15	MONROE	MONROE TWP	51506	
05	MUS	16	MUSKINGUM	MUSKINGUM TWP	53438	
05	MUS	17	NEWTON	NEWTON TWP	55608	
05	MUS	18	PERRY	PERRY TWP	61994	
05	MUS	19	RICH HILL	RICH HILL TWP	66600	
05	MUS	20	SALEM	SALEM TWP	69932	
05	MUS	21	SALT CREEK	SALT CREEK TWP	70170	
05	MUS	22	SPRINGFIELD	SPRINGFIELD TWP	74125	
05	MUS	23	UNION	UNION TWP	78498	
05	MUS	24	WASHINGTON	WASHINGTON TWP	81522	
05	MUS	25	WAYNE	WAYNE TWP	82236	
10	NOB	01	BEAVER	BEAVER TWP	04682	
10	NOB	02	BROOKFIELD	BROOKFIELD TWP	09162	

10	NOB	03	BUFFALO	BUFFALO TWP	10142	
10	NOB	04	CENTER	CENTER TWP	12994	
10	NOB	05	ELK	ELK TWP	24878	
10	NOB	06	ENOCH	ENOCH TWP	25438	
10	NOB	07	JACKSON	JACKSON TWP	37940	
10	NOB	08	JEFFERSON	JEFFERSON TWP	38766	
10	NOB	09	MARION	MARION TWP	47810	
10	NOB	10	NOBLE	NOBLE TWP	56028	
10	NOB	11	OLIVE	OLIVE TWP	58310	
10	NOB	12	SENECA	SENECA TWP	71352	
10	NOB	13	SHARON	SHARON TWP	71826	
10	NOB	14	STOCK	STOCK TWP	74728	
10	NOB	15	WAYNE	WAYNE TWP	82250	
02	OTT	01	ALLEN	ALLEN TWP	01322	
02	OTT	02	BAY	BAY TWP	04304	
02	OTT	03	BENTON	BENTON TWP	05620	
02	OTT	04	CARROLL	CARROLL TWP	12266	
02	OTT	05	CATAWBA ISLAND	CATAWBA ISLAND TWP	12588	
02	OTT	06	CLAY	CLAY TWP	15546	
02	OTT	07	DANBURY	DANBURY TWP	20058	
02	OTT	08	ERIE	ERIE TWP	25578	
02	OTT	09	HARRIS	HARRIS TWP	33726	
02	OTT	10	PORTAGE	PORTAGE TWP	64080	
02	OTT	11	PUT-IN-BAY	PUT-IN-BAY TWP	65046	
02	OTT	12	SALEM	SALEM TWP	69946	
01	PAU	01	AUGLAIZE	AUGLAIZE TWP	03002	
01	PAU	02	BENTON	BENTON TWP	05634	
01	PAU	03	BLUE CREEK	BLUE CREEK TWP	07370	
01	PAU	04	BROWN	BROWN TWP	09512	
01	PAU	05	CARRYALL	CARRYALL TWP	12308	
01	PAU	06	CRANE	CRANE TWP	19176	
01	PAU	07	EMERALD	EMERALD TWP	25298	
01	PAU	08	HARRISON	HARRISON TWP	33950	
01	PAU	09	JACKSON	JACKSON TWP	37954	
01	PAU	10	LATTY	LATTY TWP	42000	
01	PAU	11	PAULDING	PAULDING TWP	61266	
01	PAU	12	WASHINGTON	WASHINGTON TWP	81536	
05	PER	01	BEARFIELD	BEARFIELD TWP	04584	
05	PER	02	CLAYTON	CLAYTON TWP	15658	

05	PER	03	COAL	COAL TWP	16350	
05	PER	04	HARRISON	HARRISON TWP	33964	
05	PER	05	HOPEWELL	HOPEWELL TWP	36386	
05	PER	06	JACKSON	JACKSON TWP	37968	
05	PER	07	MADISON	MADISON TWP	46550	
05	PER	08	MONDAY CREEK	MONDAY CREEK TWP	51198	
05	PER	09	MONROE	MONROE TWP	51520	
05	PER	10	PIKE	PIKE TWP	62680	
05	PER	11	PLEASANT	PLEASANT TWP	63366	
05	PER	12	READING	READING TWP	65760	
05	PER	13	SALT LICK	SALT LICK TWP	70226	
05	PER	14	THORN	THORN TWP	76659	
06	PIC	01	CIRCLEVILLE	CIRCLEVILLE TWP	15077	
06	PIC	02	DARBY	DARBY TWP	20156	
06	PIC	03	DEER CREEK	DEER CREEK TWP	21168	
06	PIC	04	HARRISON	HARRISON TWP	33978	
06	PIC	05	JACKSON	JACKSON TWP	37982	
06	PIC	06	MADISON	MADISON TWP	46564	
06	PIC	07	MONROE	MONROE TWP	51534	
06	PIC	08	MUHLENBERG	MUHLENBERG TWP	53256	
06	PIC	09	PERRY	PERRY TWP	62008	
06	PIC	10	PICKAWAY	PICKAWAY TWP	62484	
06	PIC	11	SALT CREEK	SALT CREEK TWP	70184	
06	PIC	12	SCIOTO	SCIOTO TWP	70870	
06	PIC	13	WALNUT	WALNUT TWP	80598	
06	PIC	14	WASHINGTON	WASHINGTON TWP	81550	
06	PIC	15	WAYNE	WAYNE TWP	82264	
09	PIK	01	BEAVER	BEAVER TWP	04710	
09	PIK	02	BENTON	BENTON TWP	05648	
09	PIK	03	CAMP CREEK	CAMP CREEK TWP	11122	
09	PIK	04	JACKSON	JACKSON TWP	37996	
09	PIK	05	MARION	MARION TWP	47824	
09	PIK	06	MIFFLIN	MIFFLIN TWP	50078	
09	PIK	07	NEWTON	NEWTON TWP	55622	
09	PIK	08	PEBBLE	PEBBLE TWP	61392	
09	PIK	09	PEE PEE	PEE PEE TWP	61434	
09	PIK	10	PERRY	PERRY TWP	62022	
09	PIK	11	SCIOTO	SCIOTO TWP	70884	
09	PIK	12	SEAL	SEAL TWP	71171	

09	PIK	13	SUNFISH	SUNFISH TWP	75637	
09	PIK	14	UNION	UNION TWP	78512	
04	POR	01	ATWATER	ATWATER TWP	02862	
04	POR	03	BRIMFIELD	BRIMFIELD TWP	08840	
04	POR	04	CHARLESTOWN	CHARLESTOWN TWP	13610	
04	POR	05	DEERFIELD	DEERFIELD TWP	21210	
04	POR	06	EDINBURG	EDINBURG TWP	24584	
04	POR	07	FRANKLIN	FRANKLIN TWP	28392	
04	POR	08	FREEDOM	FREEDOM TWP	28742	
04	POR	10	HIRAM	HIRAM TWP	35672	
04	POR	11	MANTUA	MANTUA TWP	47194	
04	POR	12	NELSON	NELSON TWP	53858	
04	POR	13	PALMYRA	PALMYRA TWP	59668	
04	POR	14	PARIS	PARIS TWP	59822	
04	POR	15	RANDOLPH	RANDOLPH TWP	65452	
04	POR	16	RAVENNA	RAVENNA TWP	65606	
04	POR	17	ROOTSTOWN	ROOTSTOWN TWP	68392	
04	POR	18	SHALERSVILLE	SHALERSVILLE TWP	71731	
04	POR	20	SUFFIELD	SUFFIELD TWP	75189	
04	POR	21	WINDHAM	WINDHAM TWP	85960	
08	PRE	01	DIXON	DIXON TWP	22106	
08	PRE	02	GASPER	GASPER TWP	29484	
08	PRE	03	GRATIS	GRATIS TWP	31486	
08	PRE	04	HARRISON	HARRISON TWP	33992	
08	PRE	05	ISRAEL	ISRAEL TWP	37590	
08	PRE	06	JACKSON	JACKSON TWP	38010	
08	PRE	07	JEFFERSON	JEFFERSON TWP	38780	
08	PRE	08	LANIER	LANIER TWP	41846	
08	PRE	09	MONROE	MONROE TWP	51548	
08	PRE	10	SOMERS	SOMERS TWP	72964	
08	PRE	11	TWIN	TWIN TWP	77994	
08	PRE	12	WASHINGTON	WASHINGTON TWP	81564	
01	PUT	01	BLANCHARD	BLANCHARD TWP	06880	
01	PUT	02	GREENSBURG	GREENSBURG TWP	32228	
01	PUT	03	JACKSON	JACKSON TWP	38024	
01	PUT	04	JENNINGS	JENNINGS TWP	38976	
01	PUT	05	LIBERTY	LIBERTY TWP	43288	
01	PUT	06	MONROE	MONROE TWP	51562	
01	PUT	07	MONTEREY	MONTEREY TWP	51660	

01	PUT	08	OTTAWA	OTTAWA TWP	58996	
01	PUT	09	PALMER	PALMER TWP	59612	
01	PUT	10	PERRY	PERRY TWP	62036	
01	PUT	11	PLEASANT	PLEASANT TWP	63380	
01	PUT	12	RILEY	RILEY TWP	67174	
01	PUT	13	SUGAR CREEK	SUGAR CREEK TWP	75206	
01	PUT	14	UNION	UNION TWP	78526	
01	PUT	15	VAN BUREN	VAN BUREN TWP	79450	
03	RIC	01	BLOOMINGGROVE	BLOOMINGGROVE TWP	07230	
03	RIC	02	BUTLER	BUTLER TWP	10646	
03	RIC	03	CASS	CASS TWP	12420	
03	RIC	04	FRANKLIN	FRANKLIN TWP	28406	
03	RIC	05	JACKSON	JACKSON TWP	38038	
03	RIC	06	JEFFERSON	JEFFERSON TWP	38794	
03	RIC	07	MADISON	MADISON TWP	46578	
03	RIC	08	MIFFLIN	MIFFLIN TWP	50092	
03	RIC	09	MONROE	MONROE TWP	51576	
03	RIC	10	PERRY	PERRY TWP	62050	
03	RIC	11	PLYMOUTH	PLYMOUTH TWP	63814	
03	RIC	12	SANDUSKY	SANDUSKY TWP	70394	
03	RIC	13	SHARON	SHARON TWP	71830	
03	RIC	14	SPRINGFIELD	SPRINGFIELD TWP	74128	
03	RIC	15	TROY	TROY TWP	77616	
03	RIC	16	WASHINGTON	WASHINGTON TWP	81578	
03	RIC	17	WELLER	WELLER TWP	82628	
03	RIC	18	WORTHINGTON	WORTHINGTON TWP	86618	
09	ROS	01	BUCKSKIN	BUCKSKIN TWP	10016	
09	ROS	02	COLERAIN	COLERAIN TWP	16630	
09	ROS	03	CONCORD	CONCORD TWP	18238	
09	ROS	04	DEERFIELD	DEERFIELD TWP	21224	
09	ROS	05	FRANKLIN	FRANKLIN TWP	28420	
09	ROS	06	GREEN	GREEN TWP	31822	
09	ROS	07	HARRISON	HARRISON TWP	34006	
09	ROS	08	HUNTINGTON	HUNTINGTON TWP	36890	
09	ROS	09	JEFFERSON	JEFFERSON TWP	38808	
09	ROS	10	LIBERTY	LIBERTY TWP	43302	
09	ROS	11	PAINT	PAINT TWP	59542	
09	ROS	12	PAXTON	PAXTON TWP	61308	
09	ROS	13	SCIOTO	SCIOTO TWP	70898	

09	ROS	14	SPRINGFIELD	SPRINGFIELD TWP	74129	
09	ROS	15	TWIN	TWIN TWP	78008	
09	ROS	16	UNION	UNION TWP	78540	
02	SAN	01	BALLVILLE	BALLVILLE TWP	03730	
02	SAN	04	GREEN CREEK	GREEN CREEK TWP	31990	
02	SAN	05	JACKSON	JACKSON TWP	38052	
02	SAN	06	MADISON	MADISON TWP	46592	
02	SAN	07	RICE	RICE TWP	66460	
02	SAN	08	RILEY	RILEY TWP	67188	
02	SAN	09	SANDUSKY	SANDUSKY TWP	70408	
02	SAN	10	SCOTT	SCOTT TWP	71087	
02	SAN	11	TOWNSEND	TOWNSEND TWP	77162	
02	SAN	12	WASHINGTON	WASHINGTON TWP	81592	
02	SAN	13	WOODVILLE	WOODVILLE TWP	86506	
02	SAN	14	YORK	YORK TWP	87080	
09	SCI	01	BLOOM	BLOOM TWP	06992	
09	SCI	02	BRUSH CREEK	BRUSH CREEK TWP	09764	
09	SCI	03	CLAY	CLAY TWP	15560	
09	SCI	04	GREEN	GREEN TWP	31836	
09	SCI	05	HARRISON	HARRISON TWP	34020	
09	SCI	06	JEFFERSON	JEFFERSON TWP	38815	
09	SCI	07	MADISON	MADISON TWP	46606	
09	SCI	08	MORGAN	MORGAN TWP	52150	
09	SCI	10	NILE	NILE TWP	55902	
09	SCI	11	PORTER	PORTER TWP	64206	
09	SCI	12	RARDEN	RARDEN TWP	65522	
09	SCI	13	RUSH	RUSH TWP	69092	
09	SCI	14	UNION	UNION TWP	78554	
09	SCI	15	VALLEY	VALLEY TWP	79170	
09	SCI	16	VERNON	VERNON TWP	79828	
09	SCI	17	WASHINGTON	WASHINGTON TWP	81606	
02	SEN	01	ADAMS	ADAMS TWP	00324	
02	SEN	02	BIG SPRING	BIG SPRING TWP	06432	
02	SEN	03	BLOOM	BLOOM TWP	07006	
02	SEN	04	CLINTON	CLINTON TWP	16154	
02	SEN	05	EDEN	EDEN TWP	24346	
02	SEN	06	HOPEWELL	HOPEWELL TWP	36400	
02	SEN	07	JACKSON	JACKSON TWP	38066	
02	SEN	08	LIBERTY	LIBERTY TWP	43316	

02	SEN	09	LOUDON	LOUDON TWP	45052	
02	SEN	10	PLEASANT	PLEASANT TWP	63394	
02	SEN	11	REED	REED TWP	65942	
02	SEN	12	SCIPIO	SCIPIO TWP	71024	
02	SEN	13	SENECA	SENECA TWP	71355	
02	SEN	14	THOMPSON	THOMPSON TWP	76632	
02	SEN	15	VENICE	VENICE TWP	79674	
07	SHE	01	CLINTON	CLINTON TWP	16168	
07	SHE	02	CYNTHIAN	CYNTHIAN TWP	19834	
07	SHE	03	DINSMORE	DINSMORE TWP	22050	
07	SHE	04	FRANKLIN	FRANKLIN TWP	28434	
07	SHE	05	GREEN	GREEN TWP	31850	
07	SHE	06	JACKSON	JACKSON TWP	38080	
07	SHE	07	LORAMIE	LORAMIE TWP	44884	
07	SHE	08	MCLEAN	MCLEAN TWP	46172	
07	SHE	09	ORANGE	ORANGE TWP	58660	
07	SHE	10	PERRY	PERRY TWP	62064	
07	SHE	11	SALEM	SALEM TWP	69960	
07	SHE	12	TURTLE CREEK	TURTLE CREEK TWP	77854	
07	SHE	13	VAN BUREN	VAN BUREN TWP	79464	
07	SHE	14	WASHINGTON	WASHINGTON TWP	81620	
04	STA	01	BETHLEHEM	BETHLEHEM TWP	06180	
04	STA	02	CANTON	CANTON TWP	12014	
04	STA	03	JACKSON	JACKSON TWP	38094	
04	STA	04	LAKE	LAKE TWP	41314	
04	STA	05	LAWRENCE	LAWRENCE TWP	42168	
04	STA	06	LEXINGTON	LEXINGTON TWP	43022	
04	STA	07	MARLBORO	MARLBORO TWP	47936	
04	STA	08	NIMISHILLEN	NIMISHILLEN TWP	55944	
04	STA	09	OSNABURG	OSNABURG TWP	58926	
04	STA	10	PARIS	PARIS TWP	59850	
04	STA	11	PERRY	PERRY TWP	62078	
04	STA	12	PIKE	PIKE TWP	62694	
04	STA	13	PLAIN	PLAIN TWP	62988	
04	STA	14	SANDY	SANDY TWP	70436	
04	STA	15	SUGAR CREEK	SUGAR CREEK TWP	75208	
04	STA	16	TUSCARAWAS	TUSCARAWAS TWP	77910	
04	STA	17	WASHINGTON	WASHINGTON TWP	81634	
04	SUM	03	BATH	BATH TWP	04248	

04	SUM	04	BOSTON	BOSTON TWP	07776	
04	SUM	06	COPLEY	COPLEY TWP	18658	
04	SUM	07	COVENTRY	COVENTRY TWP	19036	
04	SUM	09	FRANKLIN	FRANKLIN TWP	28448 *	
04	SUM	17	NORTHFIELD CENTER	NORTHFIELD CENTER TWP	56490	
04	SUM	20	RICHFIELD	RICHFIELD TWP	66544	
04	SUM	21	SAGAMORE HILLS	SAGAMORE HILLS TWP	69428	
04	SUM	23	SPRINGFIELD	SPRINGFIELD TWP	74130	
04	SUM	26	TWINSBURG	TWINSBURG TWP	78064	
04	TRU	01	BAZETTA	BAZETTA TWP	04444	
04	TRU	02	BLOOMFIELD	BLOOMFIELD TWP	07160	
04	TRU	03	BRACEVILLE	BRACEVILLE TWP	08056	
04	TRU	04	BRISTOL	BRISTOL TWP	08938	
04	TRU	05	BROOKFIELD	BROOKFIELD TWP	09190	
04	TRU	06	CHAMPION	CHAMPION TWP	13470	
04	TRU	07	FARMINGTON	FARMINGTON TWP	26684	
04	TRU	08	FOWLER	FOWLER TWP	28098	
04	TRU	09	GREENE	GREENE TWP	32046	
04	TRU	10	GUSTAVUS	GUSTAVUS TWP	32732	
04	TRU	11	HARTFORD	HARTFORD TWP	34230	
04	TRU	12	HOWLAND	HOWLAND TWP	36554	
04	TRU	13	HUBBARD	HUBBARD TWP	36596	
04	TRU	14	JOHNSTON	JOHNSTON TWP	39298	
04	TRU	15	KINSMAN	KINSMAN TWP	40502	
04	TRU	16	LIBERTY	LIBERTY TWP	43344	
04	TRU	18	MECCA	MECCA TWP	48678	
04	TRU	19	MESOPOTAMIA	MESOPOTAMIA TWP	49210	
04	TRU	20	NEWTON	NEWTON TWP	55636	
04	TRU	21	SOUTHINGTON	SOUTHINGTON TWP	73397	
04	TRU	22	VERNON	VERNON TWP	79856	
04	TRU	23	VIENNA	VIENNA TWP	80052	
04	TRU	24	WARREN	WARREN TWP	80906	
04	TRU	25	WEATHERSFIELD	WEATHERSFIELD TWP	82446	
11	TUS	01	AUBURN	AUBURN TWP	02918	
11	TUS	02	BUCKS	BUCKS TWP	09988	
11	TUS	03	CLAY	CLAY TWP	15574	
11	TUS	04	DOVER	DOVER TWP	22470	
11	TUS	05	FAIRFIELD	FAIRFIELD TWP	26082	

11	TUS	06	FRANKLIN	FRANKLIN TWP	28462	
11	TUS	07	GOSHEN	GOSHEN TWP	31066	
11	TUS	08	JEFFERSON	JEFFERSON TWP	38836	
11	TUS	09	LAWRENCE	LAWRENCE TWP	42182	
11	TUS	10	MILL	MILL TWP	50232	
11	TUS	11	OXFORD	OXFORD TWP	59304	
11	TUS	12	PERRY	PERRY TWP	62092	
11	TUS	13	RUSH	RUSH TWP	69106	
11	TUS	14	SALEM	SALEM TWP	69974	
11	TUS	15	SANDY	SANDY TWP	70443	
11	TUS	16	SUGAR CREEK	SUGAR CREEK TWP	75217	
11	TUS	17	UNION	UNION TWP	78568	
11	TUS	18	WARREN	WARREN TWP	80920	
11	TUS	19	WARWICK	WARWICK TWP	81060	
11	TUS	20	WASHINGTON	WASHINGTON TWP	81648	
11	TUS	21	WAYNE	WAYNE TWP	82292	
11	TUS	22	YORK	YORK TWP	87094	
06	UNI	01	ALLEN	ALLEN TWP	01336	
06	UNI	02	CLAIBOURNE	CLAIBOURNE TWP	15112	
06	UNI	03	DARBY	DARBY TWP	20170	
06	UNI	04	DOVER	DOVER TWP	22484	
06	UNI	05	JACKSON	JACKSON TWP	38108	
06	UNI	06	JEROME	JEROME TWP	39046	
06	UNI	07	LEESBURG	LEESBURG TWP	42490	
06	UNI	08	LIBERTY	LIBERTY TWP	43358	
06	UNI	09	MILL CREEK	MILL CREEK TWP	50288	
06	UNI	10	PARIS	PARIS TWP	59864	
06	UNI	11	TAYLOR	TAYLOR TWP	76194	
06	UNI	12	UNION	UNION TWP	78582	
06	UNI	13	WASHINGTON	WASHINGTON TWP	81662	
06	UNI	14	YORK	YORK TWP	87122	
01	VAN	01	HARRISON	HARRISON TWP	34034	
01	VAN	02	HOAGLIN	HOAGLIN TWP	35756	
01	VAN	03	JACKSON	JACKSON TWP	38122	
01	VAN	04	JENNINGS	JENNINGS TWP	38990	
01	VAN	05	LIBERTY	LIBERTY TWP	43372	
01	VAN	06	PLEASANT	PLEASANT TWP	63408	
01	VAN	07	RIDGE	RIDGE TWP	66978	
01	VAN	08	TULLY	TULLY TWP	77756	

01	VAN	09	UNION	UNION TWP	78596	
01	VAN	10	WASHINGTON	WASHINGTON TWP	81676	
01	VAN	11	WILLSHIRE	WILLSHIRE TWP	85750	
01	VAN	12	YORK	YORK TWP	87136	
10	VIN	01	BROWN	BROWN TWP	09526	
10	VIN	02	CLINTON	CLINTON TWP	16210	
10	VIN	03	EAGLE	EAGLE TWP	23100	
10	VIN	04	ELK	ELK TWP	24892	
10	VIN	05	HARRISON	HARRISON TWP	34048	
10	VIN	06	JACKSON	JACKSON TWP	38136	
10	VIN	07	KNOX	KNOX TWP	40880	
10	VIN	08	MADISON	MADISON TWP	46620	
10	VIN	09	RICHLAND	RICHLAND TWP	66768	
10	VIN	10	SWAN	SWAN TWP	75854	
10	VIN	11	VINTON	VINTON TWP	80192	
10	VIN	12	WILKESVILLE	WILKESVILLE TWP	85204	
08	WAR	01	CLEAR CREEK	CLEAR CREEK TWP	15700	
08	WAR	02	DEERFIELD	DEERFIELD TWP	21238	
08	WAR	03	FRANKLIN	FRANKLIN TWP	28490	
08	WAR	04	HAMILTON	HAMILTON TWP	33068	
08	WAR	05	HARLAN	HARLAN TWP	33474	
08	WAR	06	MASSIE	MASSIE TWP	48216	
08	WAR	07	SALEM	SALEM TWP	69988	
08	WAR	08	TURTLE CREEK	TURTLE CREEK TWP	77868	
08	WAR	09	UNION	UNION TWP	78610	
08	WAR	10	WASHINGTON	WASHINGTON TWP	81690	
08	WAR	11	WAYNE	WAYNE TWP	82306	
10	WAS	01	ADAMS	ADAMS TWP	00338	
10	WAS	02	AURELIUS	AURELIUS TWP	03072	
10	WAS	03	BARLOW	BARLOW TWP	03898	
10	WAS	04	BELPRE	BELPRE TWP	05438	
10	WAS	05	DECATUR	DECATUR TWP	21098	
10	WAS	06	DUNHAM	DUNHAM TWP	22918	
10	WAS	07	FAIRFIELD	FAIRFIELD TWP	26096	
10	WAS	08	FEARING	FEARING TWP	26810	
10	WAS	09	GRANDVIEW	GRANDVIEW TWP	31276	
10	WAS	10	INDEPENDENCE	INDEPENDENCE TWP	37268	
10	WAS	11	LAWRENCE	LAWRENCE TWP	42196	
10	WAS	12	LIBERTY	LIBERTY TWP	43386	

10	WAS	13	LUDLOW	LUDLOW TWP	45360	
10	WAS	14	MARIETTA	MARIETTA TWP	47642	
10	WAS	15	MUSKINGUM	MUSKINGUM TWP	53452	
10	WAS	16	NEWPORT	NEWPORT TWP	55356	
10	WAS	17	PALMER	PALMER TWP	59626	
10	WAS	18	SALEM	SALEM TWP	70002	
10	WAS	19	WARREN	WARREN TWP	80934	
10	WAS	20	WATERFORD	WATERFORD TWP	81774	
10	WAS	21	WATERTOWN	WATERTOWN TWP	81844	
10	WAS	22	WESLEY	WESLEY TWP	82838	
03	WAY	01	BAUGHMAN	BAUGHMAN TWP	04276	
03	WAY	02	CANAAN	CANAAN TWP	11276	
03	WAY	03	CHESTER	CHESTER TWP	14044	
03	WAY	04	CHIPPEWA	CHIPPEWA TWP	14240	
03	WAY	05	CLINTON	CLINTON TWP	16224	
03	WAY	06	CONGRESS	CONGRESS TWP	18322	
03	WAY	07	EAST UNION	EAST UNION TWP	24136	
03	WAY	08	FRANKLIN	FRANKLIN TWP	28504	
03	WAY	09	GREEN	GREEN TWP	31878	
03	WAY	10	MILTON	MILTON TWP	50666	
03	WAY	11	PAINT	PAINT TWP	59556	
03	WAY	12	PLAIN	PLAIN TWP	62995	
03	WAY	13	SALT CREEK	SALT CREEK TWP	70198	
03	WAY	14	SUGAR CREEK	SUGAR CREEK TWP	75231	
03	WAY	15	WAYNE	WAYNE TWP	82320	
03	WAY	16	WOOSTER	WOOSTER TWP	86562	
02	WIL	01	BRADY	BRADY TWP	08140	
02	WIL	02	BRIDGEWATER	BRIDGEWATER TWP	08630	
02	WIL	03	CENTER	CENTER TWP	13008	
02	WIL	04	FLORENCE	FLORENCE TWP	27530	
02	WIL	05	JEFFERSON	JEFFERSON TWP	38864	
02	WIL	06	MADISON	MADISON TWP	46634	
02	WIL	07	MILL CREEK	MILL CREEK TWP	50302	
02	WIL	08	NORTHWEST	NORTHWEST TWP	57162	
02	WIL	09	PULASKI	PULASKI TWP	64920	
02	WIL	10	SAINT JOSEPH	SAINT JOSEPH TWP	69638	
02	WIL	11	SPRINGFIELD	SPRINGFIELD TWP	74131	
02	WIL	12	SUPERIOR	SUPERIOR TWP	75819	
02	WOO	01	BLOOM	BLOOM TWP	07020	

02	WOO	02	CENTER	CENTER TWP	13015	
02	WOO	03	FREEDOM	FREEDOM TWP	28756	
02	WOO	04	GRAND RAPIDS	GRAND RAPIDS TWP	31220	
02	WOO	05	HENRY	HENRY TWP	34986	
02	WOO	06	JACKSON	JACKSON TWP	38164	
02	WOO	07	LAKE	LAKE TWP	41328	
02	WOO	08	LIBERTY	LIBERTY TWP	43400	
02	WOO	09	MIDDLETON	MIDDLETON TWP	49812	
02	WOO	10	MILTON	MILTON TWP	50680	
02	WOO	11	MONTGOMERY	MONTGOMERY TWP	51744	
02	WOO	12	PERRY	PERRY TWP	62106	
02	WOO	13	PERRYSBURG	PERRYSBURG TWP	62162	
02	WOO	14	PLAIN	PLAIN TWP	63002	
02	WOO	15	PORTAGE	PORTAGE TWP	64122	
02	WOO	17	TROY	TROY TWP	77630	
02	WOO	18	WASHINGTON	WASHINGTON TWP	81704	
02	WOO	19	WEBSTER	WEBSTER TWP	82544	
02	WOO	20	WESTON	WESTON TWP	83986	
01	WYA	01	ANTRIM	ANTRIM TWP	02190	
01	WYA	02	CRANE	CRANE TWP	19190	
01	WYA	03	CRAWFORD	CRAWFORD TWP	19246	
01	WYA	04	EDEN	EDEN TWP	24360	
01	WYA	05	JACKSON	JACKSON TWP	38178	
01	WYA	06	MARSEILLES	MARSEILLES TWP	48006	
01	WYA	07	MIFFLIN	MIFFLIN TWP	50106	
01	WYA	08	PITT	PITT TWP	62904	
01	WYA	09	RICHLAND	RICHLAND TWP	66782	
01	WYA	10	RIDGE	RIDGE TWP	66992	
01	WYA	11	SALEM	SALEM TWP	70016	
01	WYA	12	SYCAMORE	SYCAMORE TWP	75987	
01	WYA	13	TYMOCHTEE	TYMOCHTEE TWP	78141	

Appendix E – Municipal FIPS Codes

The official listing of municipal FIPS codes for the State of Ohio are maintained by the Ohio Secretary of State. Contact ODOT to obtain current values.

FIPS	MUNI_NAME	DISTRICT	COUNTY	POPULATION
13834	CHERRY FORK	09	ADA	00000127
47012	MANCHESTER	09	ADA	00002043
61420	PEEBLES	09	ADA	00001739
68196	ROME	09	ADA	00000117
71206	SEAMAN	09	ADA	00001039
84294	WEST UNION	09	ADA	00002903
85876	WINCHESTER	09	ADA	00001025
04752	BEAVERDAM	01	ALL	00000356
07426	BLUFFTON	01	ALL	00003896
10884	CAIRO	01	ALL	00000499
21602	DELPHOS	01	ALL	00006944
24808	ELIDA	01	ALL	00001917
27944	FORT SHAWNEE	01	ALL	00003855
34118	HARROD	01	ALL	00000491
41118	LAFAYETTE	01	ALL	00000304
43554	LIMA	01	ALL	00040081
74034	SPENCERVILLE	01	ALL	00002235
02568	ASHLAND	03	ASD	00021249
03562	BAILEY LAKES	03	ASD	00000397
34636	HAYESVILLE	03	ASD	00000348
39060	JEROMESVILLE	03	ASD	00000478
45066	LOUDONVILLE	03	ASD	00002906
50036	MIFFLIN	03	ASD	00000144
62190	PERRYSVILLE	03	ASD	00000816
63996	POLK	03	ASD	00000357
70576	SAVANNAH	03	ASD	00000372
02050	ANDOVER	04	ATB	00001269
02638	ASHTABULA	04	ATB	00020962
18350	CONNEAUT	04	ATB	00012485
29610	GENEVA	04	ATB	00006595
29652	GENEVA ON LAKE	04	ATB	00001545
38500	JEFFERSON	04	ATB	00003572
56700	NORTH KINGSVILLE	04	ATB	00002658
58856	ORWELL	04	ATB	00001519
67600	ROAMING SHORES	04	ATB	00001239

FIPS	MUNI_NAME	DISTRICT	COUNTY	POPULATION
67846	ROCK CREEK	04	ATB	00000584
01042	ALBANY	10	ATH	00000808
01784	AMESVILLE	10	ATH	00000184
02736	ATHENS	10	ATH	00021342
09834	BUCHTEL	10	ATH	00000574
13778	CHAUNCEY	10	ATH	00001067
18588	COOLVILLE	10	ATH	00000528
30674	GLOUSTER	10	ATH	00001972
38304	JACKSONVILLE	10	ATH	00000544
53886	NELSONVILLE	10	ATH	00005230
77406	TRIMBLE	10	ATH	00000466
09974	BUCKLAND	07	AUG	00000255
19400	CRIDERSVILLE	07	AUG	00001817
50918	MINSTER	07	AUG	00002794
54194	NEW BREMEN	07	AUG	00002909
54838	NEW KNOXVILLE	07	AUG	00000891
69680	ST MARYS	07	AUG	00008342
78848	UNIOPOLIS	07	AUG	00000256
80766	WAPAKONETA	07	AUG	00009474
82390	WAYNESFIELD	07	AUG	00000803
03926	BARNESVILLE	11	BEL	00004225
05074	BELLAIRE	11	BEL	00004892
05312	BELMONT	11	BEL	00000532
06138	BETHESDA	11	BEL	00001413
08560	BRIDGEPORT	11	BEL	00002186
09316	BROOKSIDE	11	BEL	00000644
26348	FAIRVIEW	11	BEL	00000081
27552	FLUSHING	11	BEL	00000900
35924	HOLLOWAY	11	BEL	00000345
48104	MARTINS FERRY	11	BEL	00007226
52346	MORRISTOWN	11	BEL	00000299
64542	POWHATAN POINT	11	BEL	00001744
69526	ST CLAIRSVILLE	11	BEL	00005057
71640	SHADYSIDE	11	BEL	00003675
85834	WILSON	11	BEL	00000118
87178	YORKVILLE	11	BEL	00001230
00142	ABERDEEN	09	BRO	00001603
26796	FAYETTEVILLE	09	BRO	00000372
29778	GEORGETOWN	09	BRO	00003691
32984	HAMERSVILLE	09	BRO	00000515
35168	HIGGINSPOET	09	BRO	00000291
52906	MT ORAB	09	BRO	00002307
67272	RIPLEY	09	BRO	00001745

FIPS	MUNI_NAME	DISTRICT	COUNTY	POPULATION
69316	RUSSELLVILLE	09	BRO	00000453
69666	ST MARTIN	09	BRO	00000091
70534	SARDINIA	09	BRO	00000862
16700	COLLEGE CORNER	08	BUT	00000424
25970	FAIRFIELD	08	BUT	00042097
33012	HAMILTON	08	BUT	00060690
38192	JACKSONBURG	08	BUT	00000067
49840	MIDDLETOWN	08	BUT	00051605
50540	MILLVILLE	08	BUT	00000817
51310	MONROE	08	BUT	00007133
55104	NEW MIAMI	08	BUT	00002469
59234	OXFORD	08	BUT	00021943
71444	SEVEN MILE	08	BUT	00000678
71892	SHARONVILLE	08	BUT	00013804
72998	SOMERVILLE	08	BUT	00000294
77322	TRENTON	08	BUT	00008746
12280	CARROLLTON	11	CAR	00003190
21560	DELLROY	11	CAR	00000294
42518	LEESVILLE	11	CAR	00000184
46844	MAGNOLIA	11	CAR	00000931
46998	MALVERN	11	CAR	00001218
50834	MINERVA	11	CAR	00003934
72242	SHERRODSVILLE	11	CAR	00000316
14296	CHRISTIANSBURG	07	CHP	00000553
48706	MECHANICSBURG	07	CHP	00001744
53480	MUTUAL	07	CHP	00000132
56770	NORTH LEWISBURG	07	CHP	00001588
69708	ST PARIS	07	CHP	00001998
79072	URBANA	07	CHP	00011613
86478	WOODSTOCK	07	CHP	00000317
12560	CATAWBA	07	CLA	00000312
16056	CLIFTON	07	CLA	00000179
22288	DONNELSVILLE	07	CLA	00000293
25452	ENON	07	CLA	00002638
54334	NEW CARLISLE	07	CLA	00005735
56588	N HAMPTON	07	CLA	00000370
73124	S CHARLESTON	07	CLA	00001850
73796	S VIENNA	07	CLA	00000469
74118	SPRINGFIELD	07	CLA	00065358
77308	TREMONT CITY	07	CLA	00000349
01742	AMELIA	08	CLE	00002752
04150	BATAVIA	08	CLE	00001617
06068	BETHEL	08	CLE	00002637

FIPS	MUNI_NAME	DISTRICT	COUNTY	POPULATION
14226	CHILO	08	CLE	00000097
26880	FELICITY	08	CLE	00000922
45108	LOVELAND	08	CLE	00011677
50176	MILFORD	08	CLE	00006284
52416	MOSCOW	08	CLE	00000244
53956	NEVILLE	08	CLE	00000127
55384	NEW RICHMOND	08	CLE	00002219
55664	NEWTONSVILLE	08	CLE	00000492
59220	OWENSVILLE	08	CLE	00000816
85288	WILLIAMSBURG	08	CLE	00002358
06908	BLANCHESTER	08	CLI	00004220
15406	CLARKSVILLE	08	CLI	00000497
45542	LYNCHBURG	08	CLI	00001350
48118	MARTINSVILLE	08	CLI	00000440
49896	MIDLAND	08	CLI	00000265
55748	NEW VIENNA	08	CLI	00001294
64360	PORT WILLIAM	08	CLI	00000258
69400	SABINA	08	CLI	00002780
85792	WILMINGTON	08	CLI	00011921
17036	COLUMBIANA	11	COL	00005635
23730	EAST LIVERPOOL	11	COL	00013089
23940	EAST PALESTINE	11	COL	00004917
33306	HANOVERTON	11	COL	00000387
42560	LEETONIA	11	COL	00002043
44030	LISBON	11	COL	00002788
50834	MINERVA	11	COL	00003934
55790	NEW WATERFORD	11	COL	00001391
68084	ROGERS	11	COL	00000266
69834	SALEM	11	COL	00012197
70100	SALINEVILLE	05	COL	00001397
71220	SEBRING	11	COL	00004912
75574	SUMMITVILLE	11	COL	00000108
81732	WASHINGTONVILLE	11	COL	00000789
82740	WELLSVILLE	11	COL	00004133
03744	BALTIC	05	COS	00000743
18266	CONESVILLE	05	COS	00000364
18868	COSHOCTON	05	COS	00011682
53816	NELLIE	05	COS	00000134
63044	PLAINFIELD	05	COS	00000158
81032	WARSAW	05	COS	00000781
83608	WEST LAFAYETTE	05	COS	00002313
10030	BUCYRUS	03	CRA	00013224
13694	CHA TFIELD	03	CRA	00000218

FIPS	MUNI_NAME	DISTRICT	COUNTY	POPULATION
19330	CRESTLINE	03	CRA	00005088
29162	GALION	03	CRA	00011341
55776	NEW WASHINGTON	03	CRA	00000987
56994	N ROBINSON	03	CRA	00000211
76932	TIRO	03	CRA	00000281
04416	BAY VILLAGE	12	CUY	00016087
04500	BEACHWOOD	12	CUY	00012186
04878	BEDFORD	12	CUY	00014214
04920	BEDFORD HEIGHTS	12	CUY	00011375
05550	BENTLEYVILLE	12	CUY	00000947
05690	BEREA	12	CUY	00018970
08336	BRATENAHL	12	CUY	00001337
08364	BRECKSVILLE	12	CUY	00013382
09064	BROADVIEW HTS	12	CUY	00015967
09246	BROOKLYN	12	CUY	00011586
09274	BROOKLYN HEIGHTS	12	CUY	00001558
09288	BROOK PARK	12	CUY	00021218
13358	CHAGRIN FALLS	12	CUY	00004024
16000	CLEVELAND	12	CUY	00478403
16014	CLEVELAND HTS	12	CUY	00049958
19806	CUYAHOGA HEIGHTS	12	CUY	00000599
23380	EAST CLEVELAND	12	CUY	00027217
25704	EUCLID	12	CUY	00052717
26446	FAIRVIEW PARK	12	CUY	00017572
29428	GARFIELD HEIGHTS	12	CUY	00030734
29498	GATES MILLS	12	CUY	00002493
30632	GLENWILLOW	12	CUY	00000449
35252	HIGHLAND HEIGHTS	12	CUY	00008082
35255	HIGHLAND HILLS	12	CUY	00001618
36918	HUNTING VALLEY	12	CUY	00000735
37240	INDEPENDENCE	12	CUY	00007109
41664	LAKEWOOD	12	CUY	00056646
43918	LINNDALE	12	CUY	00000117
45556	LYNDHURST	12	CUY	00015279
47306	MAPLE HEIGHTS	12	CUY	00026156
48468	MAYFIELD	12	CUY	00003435
48482	MAYFIELD HEIGHTS	12	CUY	00019386
49644	MIDDLEBURG HTS	12	CUY	00015542
52052	MORELAND HILLS	12	CUY	00003298
54250	NEWBURGH HEIGHTS	12	CUY	00002389
56882	NORTH OLMSTED	12	CUY	00034113
56924	NORTH RANDALL	12	CUY	00000906
57008	NORTH ROYALTON	12	CUY	00028648

FIPS	MUNI_NAME	DISTRICT	COUNTY	POPULATION
57750	OAKWOOD	12	CUY	00003667
58422	OLMSTED FALLS	12	CUY	00007962
58604	ORANGE	12	CUY	00003236
61000	PARMA	12	CUY	00085655
61028	PARMA HEIGHTS	12	CUY	00021659
61686	PEPPER PIKE	12	CUY	00006040
66894	RICHMOND HEIGHTS	12	CUY	00010944
68056	ROCKY RIVER	12	CUY	00020735
71416	SEVEN HILLS	12	CUY	00012080
71682	SHAKER HEIGHTS	12	CUY	00029405
72928	OLON	12	CUY	00021802
73264	SOUTH EUCLID	12	CUY	00023537
75098	STRONGSVILLE	12	CUY	00043858
78932	UNIVERSITY HTS	12	CUY	00014146
79268	VALLEY VIEW	12	CUY	00002179
80738	WALTON HILLS	12	CUY	00002400
80990	WARRENSVILLE HTS	12	CUY	00015109
83622	WESTLAKE	12	CUY	00031719
86394	WOODMERE	12	CUY	00000828
02120	ANSONIA	07	DAR	00001145
02330	ARCANUM	07	DAR	00002076
08084	BRADFORD	07	DAR	00001859
10296	BURKETTSVILLE	07	DAR	00000254
12504	CASTINE	07	DAR	00000129
29974	GETTYSBURG	07	DAR	00000558
30912	GORDON	07	DAR	00000190
32340	GREENVILLE	07	DAR	00013294
35896	HOLLANSBURG	07	DAR	00000214
37604	ITHACA	07	DAR	00000102
54978	NEW MADISON	07	DAR	00000817
55818	NEW WESTON	07	DAR	00000135
57064	NORTH STAR	07	DAR	00000209
58912	OSGOOD	07	DAR	00000255
59598	PALESTINE	07	DAR	00000170
62890	PITSBURG	07	DAR	00000392
68672	ROSSBURG	07	DAR	00000224
78624	UNION CITY	07	DAR	00001767
79912	VERSAILLES	07	DAR	00002589
82348	WAYNE LAKES	07	DAR	00000684
87164	YORKSHIRE	07	DAR	00000110
21308	DEFIANCE	01	DEF	00016465
35098	HICKSVILLE	01	DEF	00003649
55874	NEY	01	DEF	00000364

FIPS	MUNI_NAME	DISTRICT	COUNTY	POPULATION
72256	SHERWOOD	01	DEF	00000801
02582	ASHLEY	06	DEL	00001216
18000	COLUMBUS	06	DEL	00711470
21434	DELAWARE	06	DEL	00025243
22694	DUBLIN	06	DEL	00031392
29148	GALENA	06	DEL	00000305
58940	OSTRANDER	06	DEL	00000405
64486	POWELL	06	DEL	00006247
71976	SHAWNEE HILLS	06	DEL	00000419
75602	SUNBURY	06	DEL	00002630
83342	WESTERVILLE	06	DEL	00035318
04402	BAY VIEW	03	ERI	00000692
05228	BELLEVUE	03	ERI	00008193
05900	BERLIN HEIGHTS	03	ERI	00000685
12476	CASTALIA	03	ERI	00000935
37016	HURON	03	ERI	00007958
39662	KELLEYS ISLAND	03	ERI	00000367
50134	MILAN	03	ERI	00001445
70380	SANDUSKY	03	ERI	00027844
79716	VERMILION	03	ERI	00010927
01630	AMANDA	05	FAI	00000707
03758	BALTIMORE	05	FAI	00002881
08392	BREMEN	05	FAI	00001265
09890	BUCKEYE LAKE	05	FAI	00003049
11332	CANAL WINCHESTER	05	FAI	00004478
12252	CARROLL	05	FAI	00000488
18000	COLUMBUS	05	FAI	00711470
41720	LANCASTER	05	FAI	00035335
44086	LITHOPOLIS	05	FAI	00000600
50400	MILLERSPORT	05	FAI	00000963
62498	PICKERINGTON	05	FAI	00009792
63716	PLEASANTVILLE	05	FAI	00000877
66390	REYNOLDSBURG	05	FAI	00032069
69204	RUSHVILLE	05	FAI	00000268
74916	STOUTSVILLE	05	FAI	00000581
75252	SUGAR GROVE	05	FAI	00000448
76764	THURSTON	05	FAI	00000555
84182	WEST RUSHVILLE	05	FAI	00000132
07188	BLOOMINGBURG	06	FAY	00000874
38920	JEFFERSONVILLE	06	FAY	00001288
50316	MILLEDGEVILLE	06	FAY	00000122
54726	NEW HOLLAND	06	FAY	00000785
57918	OCTA	06	FAY	00000083

FIPS	MUNI_NAME	DISTRICT	COUNTY	POPULATION
81214	WASHINGTON CH	06	FAY	00013524
06278	BEXLEY	06	FRA	00013203
08532	BRICE	06	FRA	00000070
11332	CANAL WINCHESTER	06	FRA	00004478
18000	COLUMBUS	06	FRA	00711470
22694	DUBLIN	06	FRA	00031392
29106	GAHANNA	06	FRA	00032636
31304	GRANDVIEW HTS	06	FRA	00006695
32592	GROVE CITY	06	FRA	00027075
32606	GROVEPORT	06	FRA	00003865
33740	HARRISBURG	06	FRA	00000332
35476	HILLIARD	06	FRA	00024230
44086	LITHOPOLIS	06	FRA	00000600
44310	LOCKBOURNE	06	FRA	00000280
47474	MARBLE CLIFF	06	FRA	00000646
50862	MINERVA PARK	06	FRA	00001288
53970	NEW ALBANY	06	FRA	00003711
55426	NEW ROME	06	FRA	00000060
57862	OBETZ	06	FRA	00003977
62498	PICKERINGTON	06	FRA	00009792
66390	REYNOLDSBURG	06	FRA	00032069
67440	RIVERLEA	06	FRA	00000499
79002	UPPER ARLINGTON	06	FRA	00033686
79100	URBANCREST	06	FRA	00000868
79282	VALLEYVIEW	06	FRA	00000601
83342	WESTERVILLE	06	FRA	00035318
84742	WHITEHALL	06	FRA	00019201
86604	WORTHINGTON	06	FRA	00014125
02344	ARCHBOLD	02	FUL	00004290
21616	DELTA	02	FUL	00002930
26768	FAYETTE	02	FUL	00001340
45626	LYONS	02	FUL	00000559
49238	METAMORA	02	FUL	00000563
75896	SWANTON	02	FUL	00003307
81928	WAUSEON	02	FUL	00007091
13169	CENTERVILLE	10	GAL	00000134
13932	CHESHIRE	10	GAL	00000221
19554	CROWN CITY	10	GAL	00000411
29204	GALLIPOLIS	10	GAL	00004180
67258	RIO GRANDE	10	GAL	00000915
80178	VINTON	10	GAL	00000324
02274	AQUILLA	12	GEA	00000372
10436	BURTON	12	GEA	00001450

FIPS	MUNI_NAME	DISTRICT	COUNTY	POPULATION
13554	CHARDON	12	GEA	00005156
36918	HUNTING VALLEY	12	GEA	00000735
49700	MIDDLEFIELD	12	GEA	00002233
73684	S RUSSELL	12	GEA	00004022
04720	BEAVERCREEK	08	GRE	00037984
05102	BELLBROOK	08	GRE	00007009
07930	BOWERSVILLE	08	GRE	00000290
12784	CEDARVILLE	08	GRE	00003828
16056	CLIFTON	08	GRE	00000179
25914	FAIRBORN	08	GRE	00032052
36610	HUBER HEIGHTS	08	GRE	00038212
38374	JAMESTOWN	08	GRE	00001917
40040	KETTERING	08	GRE	00057502
74216	SPRING VALLEY	08	GRE	00000510
86772	XENIA	08	GRE	00024164
86940	YELLOW SPRINGS	08	GRE	00003761
10716	BYESVILLE	05	GUE	00002574
10996	CAMBRIDGE	05	GUE	00011520
19694	CUMBERLAND	05	GUE	00000402
26348	FAIRVIEW	05	GUE	00000081
40264	KIMBOLTON	05	GUE	00000190
44954	LORE CITY	05	GUE	00000305
58226	OLD WASHINGTON	05	GUE	00000265
63436	PLEASANT CITY	05	GUE	00000439
65116	QUAKER CITY	05	GUE	00000563
70072	SALESVILLE	05	GUE	00000154
71360	SENECAVILLE	05	GUE	00000453
00436	ADDYSTON	08	HAM	00001010
01672	AMBERLEY	08	HAM	00003425
02428	ARLINGTON HTS	08	HAM	00000899
07300	BLUE ASH	08	HAM	00012513
14128	CHEVIOT	08	HAM	00009015
15000	CINCINNATI	08	HAM	00331285
16028	CLEVES	08	HAM	00002790
21266	DEER PARK	08	HAM	00005982
25186	ELMWOOD PLACE	08	HAM	00002681
25802	EVENDALE	08	HAM	00003090
25942	FAIRFAX	08	HAM	00001938
25970	FAIRFIELD	08	HAM	00042097
27706	FOREST PARK	08	HAM	00019463
30380	GLENDALE	08	HAM	00002188
30786	GOLF MANOR	08	HAM	00003999
32158	GREENHILLS	08	HAM	00004103

FIPS	MUNI_NAME	DISTRICT	COUNTY	POPULATION
33838	HARRISON	08	HAM	00007487
43722	LINCOLN HEIGHTS	08	HAM	00004113
44366	LOCKLAND	08	HAM	00003707
45108	LOVELAND	08	HAM	00011677
46312	MADEIRA	08	HAM	00008923
47600	MARIEMONT	08	HAM	00003408
50176	MILFORD	08	HAM	00006284
51716	MONTGOMERY	08	HAM	00010163
52752	MT HEALTHY	08	HAM	00007149
55678	NEWTOWN	08	HAM	00002420
56182	NORTH BEND	08	HAM	00000603
56322	N COLLEGE HILL	08	HAM	00010082
57386	NORWOOD	08	HAM	00021675
65732	READING	08	HAM	00011292
69470	ST BERNARD	08	HAM	00004924
71892	SHARONVILLE	08	HAM	00013804
72522	SILVERTON	08	HAM	00005178
74104	SPRINGDALE	08	HAM	00010563
76428	TERRACE PARK	08	HAM	00002273
76582	INDIAN HILL	08	HAM	00005907
86366	WOODLAWN	08	HAM	00002816
86730	WYOMING	08	HAM	00008261
02316	ARCADIA	01	HAN	00000537
02400	ARLINGTON	01	HAN	00001351
05662	BENTON RIDGE	01	HAN	00000315
07426	BLUFFTON	01	HAN	00003896
27048	FINDLAY	01	HAN	00038967
28014	FOSTORIA	01	HAN	00013931
38948	JENERA	01	HAN	00000235
45808	MCCOMB	01	HAN	00001676
52598	MT BLANCHARD	01	HAN	00000484
52668	MT CORY	01	HAN	00000203
65634	RAWSON	01	HAN	00000465
79394	VAN BUREN	01	HAN	00000313
79534	VANLUE	01	HAN	00000371
00198	ADA	01	HAR	00005582
01210	ALGER	01	HAR	00000888
22946	DUNKIRK	01	HAR	00000952
27636	FOREST	01	HAR	00001488
39886	KENTON	01	HAR	00008336
46046	MCGUFFEY	01	HAR	00000522
53144	MT VICTORY	01	HAR	00000600
61182	PATTERSON	01	HAR	00000138

FIPS	MUNI_NAME	DISTRICT	COUNTY	POPULATION
67118	RIDGEWAY	01	HAR	00000354
00464	ADENA	11	HAS	00000815
07916	BOWERSTON	11	HAS	00000414
10800	CADIZ	11	HAS	00003308
21294	DEERSVILLE	11	HAS	00000082
28798	FREEPORT	11	HAS	00000398
34090	HARRISVILLE	11	HAS	00000259
36260	HOPEDALE	11	HAS	00000984
39172	JEWETT	11	HAS	00000784
54068	NEW ATHENS	11	HAS	00000342
70814	SCIO	11	HAS	00000799
21812	DESHLER	02	HEN	00001831
27538	FLORIDA	02	HEN	00000246
33096	HAMLER	02	HEN	00000650
35854	HOLGATE	02	HEN	00001194
43414	LIBERTY CENTER	02	HEN	00001109
45794	MCCLURE	02	HEN	00000761
46942	MALINTA	02	HEN	00000285
53550	NAPOLEON	02	HEN	00009318
54110	NEW BAVARIA	02	HEN	00000078
32088	GREENFIELD	09	HIG	00004906
35210	HIGHLAND	09	HIG	00000283
35560	HILLSBORO	09	HIG	00006368
42476	LEESBURG	09	HIG	00001253
45542	LYNCHBURG	09	HIG	00001350
53186	MOWRYSTOWN	09	HIG	00000373
70534	SARDINIA	09	HIG	00000862
72578	SINKING SPRING	09	HIG	00000158
09834	BUCHTEL	10	HOC	00000574
42084	LAURELVILLE	10	HOC	00000533
44632	LOGAN	10	HOC	00006704
53410	MURRAY CITY	10	HOC	00000452
03744	BALTIC	11	HOL	00000743
30506	GLENMONT	11	HOL	00000283
35994	HOLMESVILLE	11	HOL	00000386
40180	KILLBUCK	11	HOL	00000839
45066	LOUDONVILLE	11	HOL	00002906
50372	MILLERSBURG	11	HOL	00003326
53634	NASHVILLE	11	HOL	00000172
05228	BELLEVUE	03	HUR	00008193
32368	GREENWICH	03	HUR	00001525
50134	MILAN	03	HUR	00001445
51618	MONROEVILLE	03	HUR	00001433

FIPS	MUNI_NAME	DISTRICT	COUNTY	POPULATION
54908	NEW LONDON	03	HUR	00002696
56420	N FAIRFIELD	03	HUR	00000573
57302	NORWALK	03	HUR	00016238
63800	PLYMOUTH	03	HUR	00001852
80458	WAKEMAN	03	HUR	00000951
85232	WILLARD	03	HUR	00006806
16434	COALTON	09	JAC	00000545
37842	JACKSON	09	JAC	00006184
57596	OAK HILL	09	JAC	00001685
82712	WELLSTON	09	JAC	00006078
00464	ADENA	11	JEF	00000815
01938	AMSTERDAM	11	JEF	00000568
05718	BERGHOLZ	11	JEF	00000769
07202	BLOOMINGDALE	11	JEF	00000221
22022	DILLONVALE	11	JEF	00000781
25368	EMPIRE	11	JEF	00000300
37422	IRONDALE	11	JEF	00000418
50904	MINGO JUNCTION	11	JEF	00003631
52976	MT PLEASANT	11	JEF	00000535
54012	NEW ALEXANDRIA	11	JEF	00000222
65662	RAYLAND	11	JEF	00000434
66824	RICHMOND	11	JEF	00000471
70100	SALINEVILLE	05	JEF	00001397
72760	SMITHFIELD	11	JEF	00000867
74608	STEUBENVILLE	11	JEF	00019015
75000	STRATTON	11	JEF	00000277
76806	TILTONSVILLE	11	JEF	00001329
77112	TORONTO	11	JEF	00005676
86184	WINTERSVILLE	11	JEF	00004067
87178	YORKVILLE	11	JEF	00001230
13036	CENTERBURG	05	KNO	00001432
20114	DANVILLE	05	KNO	00001104
28658	FREDERICKTOWN	05	KNO	00002428
29246	GAMBIER	05	KNO	00001871
29288	GANN	05	KNO	00000143
48090	MARTINSBURG	05	KNO	00000185
53102	MT VERNON	05	KNO	00014375
79114	UTICA	05	KNO	00002130
23618	EASTLAKE	12	LAK	00020255
26306	FAIRPORT HARBOR	12	LAK	00003180
31234	GRAND RIVER	12	LAK	00000345
40642	KIRTLAND	12	LAK	00006670
40670	KIRTLAND HILLS	12	LAK	00000597

FIPS	MUNI_NAME	DISTRICT	COUNTY	POPULATION
41398	LAKELINE	12	LAK	00000165
46480	MADISON	12	LAK	00002921
49056	MENTOR	12	LAK	00050278
49098	MENTOR ON LAKE	12	LAK	00008127
56910	NORTH PERRY	12	LAK	00000838
59416	PAINESVILLE	12	LAK	00017503
61882	PERRY	12	LAK	00001195
76834	TIMBERLAKE	12	LAK	00000775
80402	WAITE HILL	12	LAK	00000446
85036	WICKLIFFE	12	LAK	00013484
85484	WILLOUGHBY	12	LAK	00022621
85512	WILLOUGHBY HILLS	12	LAK	00008595
85638	WILLOWICK	12	LAK	00014361
02722	ATHALIA	09	LAW	00000328
13904	CHESAPEAKE	09	LAW	00000842
16378	COAL GROVE	09	LAW	00002027
33194	HANGING ROCK	09	LAW	00000279
37464	IRONTON	09	LAW	00011211
64766	PROCTORVILLE	09	LAW	00000620
73670	SOUTH POINT	09	LAW	00003742
01154	ALEXANDRIA	05	LIC	00000085
09890	BUCKEYE LAKE	05	LIC	00003049
31402	GRANVILLE	05	LIC	00003167
31458	GRATIOT	05	LIC	00000187
33292	HANOVER	05	LIC	00000885
34202	HARTFORD	05	LIC	00000412
34748	HEATH	05	LIC	00008527
34790	HEBRON	05	LIC	00002034
39340	JOHNSTOWN	05	LIC	00003440
40572	KIRKERSVILLE	05	LIC	00000520
53970	NEW ALBANY	05	LIC	00003711
54040	NEWARK	05	LIC	00046279
61112	PATASKALA	05	LIC	00010249
66390	REYNOLDSBURG	05	LIC	00032069
69652	ST LOUISVILLE	05	LIC	00000346
79114	UTICA	05	LIC	00002130
05116	BELLE CENTER	07	LOG	00000807
05130	BELLEFONTAINE	07	LOG	00013069
21378	DEGRAFF	07	LOG	00001212
36988	HUNTSVILLE	07	LOG	00000454
41608	LAKEVIEW	07	LOG	00001074
65200	QUINCY	07	LOG	00000734
67118	RIDGEWAY	07	LOG	00000354

FIPS	MUNI_NAME	DISTRICT	COUNTY	POPULATION
69176	RUSHSYLVANIA	07	LOG	00000543
69302	RUSSELLS POINT	07	LOG	00001619
79226	VALLEY HI	07	LOG	00000244
83734	W LIBERTY	07	LOG	00001813
83818	W MANSFIELD	07	LOG	00000700
88070	ZANESFIELD	07	LOG	00000220
01798	AMHERST	03	LOR	00011797
03352	AVON	03	LOR	00011446
03464	AVON LAKE	03	LOR	00018145
25256	ELYRIA	03	LOR	00055953
31150	GRAFTON	03	LOR	00002302
40544	KIPTON	03	LOR	00000265
41230	LAGRANGE	03	LOR	00001815
44856	LORAIN	03	LOR	00068652
56966	N RIDGEVILLE	03	LOR	00022338
57834	OBERLIN	03	LOR	00008195
67762	ROCHESTER	03	LOR	00000190
72060	SHEFFIELD	03	LOR	00002949
72088	SHEFFIELD LAKE	03	LOR	00009371
73040	S AMHERST	03	LOR	00001863
79716	VERMILION	03	LOR	00010927
82642	WELLINGTON	03	LOR	00004511
05732	BERKEY	02	LUC	00000265
33376	HARBOR VIEW	02	LUC	00000099
35882	HOLLAND	02	LUC	00001306
48342	MAUMEE	02	LUC	00015237
58730	OREGON	02	LUC	00019355
59010	OTTAWA HILLS	02	LUC	00004564
75896	SWANTON	02	LUC	00003307
76022	SYLVANIA	02	LUC	00018670
77000	TOLEDO	02	LUC	00313619
81858	WATERVILLE	02	LUC	00004828
84770	WHITEHOUSE	02	LUC	00002733
44674	LONDON	06	MAD	00008771
50008	MIDWAY	06	MAD	00000274
53046	MT STERLING	06	MAD	00001865
63030	PLAIN CITY	06	MAD	00002832
73768	SOUTH SOLON	06	MAD	00000405
83580	WEST JEFFERSON	06	MAD	00004331
01420	ALLIANCE	04	MAH	00023253
05410	BELOIT	04	MAH	00001024
11066	CAMPBELL	04	MAH	00009460
11360	CANFIELD	04	MAH	00007374

FIPS	MUNI_NAME	DISTRICT	COUNTY	POPULATION
17036	COLUMBIANA	04	MAH	00005635
19106	CRAIG BEACH	04	MAH	00001254
45178	LOWELLVILLE	04	MAH	00001281
55118	NEW MIDDLETOWN	04	MAH	00001682
63954	POLAND	04	MAH	00002866
69834	SALEM	04	MAH	00012197
71220	SEBRING	04	MAH	00004912
75126	STRUTHERS	04	MAH	00011756
81732	WASHINGTONVILLE	04	MAH	00000789
88000	YOUNGSTOWN	04	MAH	00082026
10954	CALEDONIA	06	MAR	00000578
31948	GREEN CAMP	06	MAR	00000342
41902	LA RUE	06	MAR	00000775
47754	MARION	06	MAR	00035318
52276	MORRAL	06	MAR	00000388
54152	NEW BLOOMINGTON	06	MAR	00000548
64780	PROSPECT	06	MAR	00001191
80500	WALDO	06	MAR	00000332
09680	BRUNSWICK	03	MED	00033388
14282	CHIPPEWA LAKE	03	MED	00000823
19344	CRESTON	03	MED	00002161
30660	GLORIA GLENS PK	03	MED	00000538
44604	LODI	03	MED	00003061
48790	MEDINA	03	MED	00025139
67356	RITTMAN	03	MED	00006314
71486	SEVILLE	03	MED	00002160
73992	SPENCER	03	MED	00000747
80304	WADSWORTH	03	MED	00018437
83468	WESTFIELD CENTER	03	MED	00001054
49756	MIDDLEPORT	10	MEG	00002525
64024	POMEROY	10	MEG	00001966
65256	RACINE	10	MEG	00000746
69358	RUTLAND	10	MEG	00000401
76050	SYRACUSE	10	MEG	00000879
10296	BURKETTSVILLE	07	MER	00000254
12868	CELINA	07	MER	00010303
14156	CHICKASAW	07	MER	00000364
16532	COLDWATER	07	MER	00004482
27902	FT RECOVERY	07	MER	00001273
49042	MENDON	07	MER	00000697
51674	MONTEZUMA	07	MER	00000191
67874	ROCKFORD	07	MER	00001126
69540	ST HENRY	07	MER	00002271

FIPS	MUNI_NAME	DISTRICT	COUNTY	POPULATION
08084	BRADFORD	07	MIA	00001859
12462	CASSTOWN	07	MIA	00000322
19050	COVINGTON	07	MIA	00002559
27412	FLETCHER	07	MIA	00000510
36610	HUBER HEIGHTS	07	MIA	00038212
42028	LAURA	07	MIA	00000487
45374	LUDLOW FALLS	07	MIA	00000210
62848	PIQUA	07	MIA	00020738
63534	PLEASANT HILL	07	MIA	00001134
64430	POTSDAM	07	MIA	00000203
76876	TIPP CITY	07	MIA	00009221
77588	TROY	07	MIA	00021999
78470	UNION	07	MIA	00005574
83902	WEST MILTON	07	MIA	00004645
02148	ANTIOCH	10	MOE	00000089
04542	BEALLSVILLE	10	MOE	00000423
15210	CLARINGTON	10	MOE	00000444
31542	GRAYSVILLE	10	MOE	00000113
39130	JERUSALEM	10	MOE	00000152
42980	LEWISVILLE	10	MOE	00000233
50722	MILTONSBURG	10	MOE	00000029
74300	STAFFORD	10	MOE	00000086
85834	WILSON	10	MOE	00000118
86436	WOODSFIELD	10	MOE	00002598
09358	BROOKVILLE	07	MOT	00005289
12168	CARLISLE	07	MOT	00005121
13190	CENTERVILLE	07	MOT	00023024
15644	CLAYTON	07	MOT	00013347
21000	DAYTON	07	MOT	00166179
25396	ENGLEWOOD	07	MOT	00012235
26656	FARMERSVILLE	07	MOT	00000980
29932	GERMANTOWN	07	MOT	00004884
36610	HUBER HEIGHTS	07	MOT	00038212
40040	KETTERING	07	MOT	00057502
49434	MIAMISBURG	07	MOT	00019489
52010	MORaine	07	MOT	00006897
54852	NEW LEBANON	07	MOT	00004231
57764	OAKWOOD	07	MOT	00009215
62414	PHILLIPSBURG	07	MOT	00000628
67468	RIVERSIDE	07	MOT	00023545
74076	SPRINGBORO	07	MOT	00012380
77504	TROTWOOD	07	MOT	00027420
78470	UNION	07	MOT	00005574

FIPS	MUNI_NAME	DISTRICT	COUNTY	POPULATION
79492	VANDALIA	07	MOT	00014603
79898	VERONA	07	MOT	00000430
83111	W CARROLLTON	07	MOT	00013818
14086	CHESTERHILL	10	MRG	00000305
45822	MCCONNELSVILLE	10	MRG	00001676
46970	MALTA	10	MRG	00000696
74748	STOCKPORT	10	MRG	00000540
12084	CARDINGTON	06	MRW	00001849
14114	CHESTERVILLE	06	MRW	00000193
24598	EDISON	06	MRW	00000437
29050	FULTON	06	MRW	00000264
47558	MARENGO	06	MRW	00000297
52738	MT GILEAD	06	MRW	00003290
73950	SPARTA	06	MRW	00000191
00380	ADAMSVILLE	05	MUS	00000127
22610	DRESDEN	05	MUS	00001423
28574	FRAZEYSBURG	05	MUS	00001201
29064	FULTONHAM	05	MUS	00000151
31458	GRATIOT	05	MUS	00000187
54446	NEW CONCORD	05	MUS	00002651
57372	NORWICH	05	MUS	00000113
62442	PHILO	05	MUS	00000769
68560	ROSEVILLE	05	MUS	00001936
73894	S ZANESVILLE	05	MUS	00001936
88084	ZANESVILLE	05	MUS	00025586
04192	BATESVILLE	10	NOB	00000100
05158	BELLE VALLEY	10	NOB	00000263
10940	CALDWELL	10	NOB	00001956
21910	DEXTER CITY	10	NOB	00000166
70520	SARAHSVILLE	10	NOB	00000198
75406	SUMMERFIELD	10	NOB	00000296
15588	CLAY CENTER	02	OTT	00000294
25144	ELMORE	02	OTT	00001426
29722	GENOA	02	OTT	00002230
47502	MARBLEHEAD	02	OTT	00000762
57582	OAK HARBOR	02	OTT	00002841
64150	PORT CLINTON	02	OTT	00006391
65032	PUT IN BAY	02	OTT	00000128
68042	ROCKY RIDGE	02	OTT	00000389
02204	ANTWERP	01	PAU	00001740
09386	BROUGHTON	01	PAU	00000166
12700	CECIL	01	PAU	00000216
32620	GROVER HILL	01	PAU	00000412

FIPS	MUNI_NAME	DISTRICT	COUNTY	POPULATION
34552	HAVILAND	01	PAU	00000180
41986	LATTY	01	PAU	00000200
49000	MELROSE	01	PAU	00000322
57792	OAKWOOD	01	PAU	00000607
61252	PAULDING	01	PAU	00003595
61322	PAYNE	01	PAU	00001166
71080	SCOTT	01	PAU	00000322
18770	CORNING	05	PER	00000593
19456	CROOKSVILLE	05	PER	00002483
30436	GLENFORD	05	PER	00000198
34888	HEMLOCK	05	PER	00000142
39508	JUNCTION CITY	05	PER	00000818
54866	NEW LEXINGTON	05	PER	00004689
55552	NEW STRAITSVILLE	05	PER	00000774
66222	RENDVILLE	05	PER	00000046
68560	ROSEVILLE	05	PER	00001936
71962	SHAWNEE	05	PER	00000608
72977	SOMERSET	05	PER	00001549
76680	THORNVILLE	05	PER	00000731
02680	ASHVILLE	06	PIC	00003174
15070	CIRCLEVILLE	06	PIC	00013485
18070	COMMERCIAL POINT	06	PIC	00000776
20212	DARBYVILLE	06	PIC	00000293
33740	HARRISBURG	06	PIC	00000332
54726	NEW HOLLAND	06	PIC	00000785
58800	ORIENT	06	PIC	00000269
73068	SOUTH BLOOMFIELD	06	PIC	00001179
76148	TARLTON	06	PIC	00000298
85414	WILLIAMSPORT	06	PIC	00001002
04696	BEAVER	09	PIK	00000464
62708	PIKETON	09	PIK	00001907
81942	WAVERLY	09	PIK	00004433
03086	AURORA	04	POR	00013556
08168	BRADY LAKE	04	POR	00000513
29442	GARRETTSVILLE	04	POR	00002262
35658	HIRAM	04	POR	00001242
39872	KENT	04	POR	00027906
47180	MANTUA	04	POR	00001046
51058	MOGADORE	04	POR	00003893
65592	RAVENNA	04	POR	00011771
75014	STREETSBORO	04	POR	00012311
75196	SUGAR BUSH KNOLL	04	POR	00000227
76106	TALLMADGE	04	POR	00016390

FIPS	MUNI_NAME	DISTRICT	COUNTY	POPULATION
85946	WINDHAM	04	POR	00002806
11024	CAMDEN	08	PRE	00002302
16700	COLLEGE CORNER	08	PRE	00000424
24234	EATON	08	PRE	00008133
24766	ELDORADO	08	PRE	00000543
31472	GRATIS	08	PRE	00000934
42938	LEWISBURG	08	PRE	00001798
55188	NEW PARIS	08	PRE	00001623
79898	VERONA	08	PRE	00000430
82880	W ALEXANDRIA	08	PRE	00001395
83216	W ELKTON	08	PRE	00000194
83804	W MANCHESTER	08	PRE	00000433
05396	BELMORE	01	PUT	00000171
16266	CLOVERDALE	01	PUT	00000201
18014	COLUMBUS GROVE	01	PUT	00002200
18504	CONTINENTAL	01	PUT	00001188
22974	DUPONT	01	PUT	00000268
27818	FT JENNINGS	01	PUT	00000432
30114	GILBOA	01	PUT	00000170
30282	GLANDORF	01	PUT	00000919
39536	KALIDA	01	PUT	00001031
42602	LEIPSIC	01	PUT	00002236
50358	MILLER CITY	01	PUT	00000136
58982	OTTAWA	01	PUT	00004367
59052	OTTOVILLE	01	PUT	00000873
59738	PANDORA	01	PUT	00001188
83706	WEST LEIPSIC	01	PUT	00000271
05284	BELLVILLE	03	RIC	00001773
10632	BUTLER	03	RIC	00000921
19330	CRESTLINE	03	RIC	00005088
29162	GALION	03	RIC	00011341
42994	LEXINGTON	03	RIC	00004165
45276	LUCAS	03	RIC	00000620
47138	MANSFIELD	03	RIC	00049346
58520	ONTARIO	03	RIC	00005303
63800	PLYMOUTH	03	RIC	00001852
72102	SHELBY	03	RIC	00009821
72298	SHILOH	03	RIC	00000721
00450	ADELPHI	09	ROS	00000371
03604	BAINBRIDGE	09	ROS	00001012
14184	CHILLICOTHE	09	ROS	00021796
15336	CLARKSBURG	09	ROS	00000516
28182	FRANKFORT	09	ROS	00001011

FIPS	MUNI_NAME	DISTRICT	COUNTY	POPULATION
40376	KINGSTON	09	ROS	00001032
73698	SOUTH SALEM	09	ROS	00000213
05228	BELLEVUE	02	SAN	00008193
10282	BURGOON	02	SAN	00000199
16308	CLYDE	02	SAN	00006064
25144	ELMORE	02	SAN	00001426
28826	FREMONT	02	SAN	00017375
30072	GIBSONBURG	02	SAN	00002506
32256	GREEN SPRINGS	02	SAN	00001247
34860	HELENA	02	SAN	00000236
43904	LINDSEY	02	SAN	00000504
86492	WOODVILLE	02	SAN	00001977
54166	NEW BOSTON	09	SCI	00002340
59066	OTWAY	09	SCI	00000086
64304	PORTSMOUTH	09	SCI	00020909
65508	RARDEN	09	SCI	00000176
73824	S WEBSTER	09	SCI	00000764
02820	ATTICA	02	SEN	00000955
06194	BETTSVILLE	02	SEN	00000784
07286	BLOOMVILLE	02	SEN	00001045
28014	FOSTORIA	02	SEN	00013931
32256	GREEN SPRINGS	02	SEN	00001247
55398	NEW RIEGEL	02	SEN	00000226
66320	REPUBLIC	02	SEN	00000614
76778	TIFFIN	02	SEN	00018135
02092	ANNA	07	SHE	00001319
07832	BOTKINS	07	SHE	00001205
27832	FT LORAMIE	07	SHE	00001344
38220	JACKSON CENTER	07	SHE	00001369
40054	KETTLERSVILLE	07	SHE	00000175
44352	LOCKINGTON	07	SHE	00000208
64262	PORT JEFFERSON	07	SHE	00000321
69344	RUSSIA	07	SHE	00000551
72424	SIDNEY	07	SHE	00020211
01420	ALLIANCE	04	STA	00023253
04458	BEACH CITY	04	STA	00001137
08504	BREWSTER	04	STA	00002324
11304	CANAL FULTON	04	STA	00005061
12000	CANTON	04	STA	00080806
23324	EAST CANTON	04	STA	00001629
24052	EAST SPARTA	04	STA	00000806
34328	HARTVILLE	04	STA	00002174
35532	HILLS AND DALES	04	STA	00000260

FIPS	MUNI_NAME	DISTRICT	COUNTY	POPULATION
43596	LIMAVILLE	04	STA	00000193
45094	LOUISVILLE	04	STA	00008904
46844	MAGNOLIA	04	STA	00000931
48244	MASSILLON	04	STA	00031325
49294	MEYERS LAKE	04	STA	00000565
50834	MINERVA	04	STA	00003934
53690	NAVARRE	04	STA	00001440
56294	NORTH CANTON	04	STA	00016369
82376	WAYNESBURG	04	STA	00001003
85806	WILMOT	04	STA	00000335
01000	AKRON	04	SUM	00217074
03828	BARBERTON	04	SUM	00027899
07790	BOSTON HEIGHTS	04	SUM	00001186
16182	CLINTON	04	SUM	00001337
19778	CUYAHOGA FALLS	04	SUM	00049374
26166	FAIRLAWN	04	SUM	00007307
31860	GREEN	04	SUM	00022817
36651	HUDSON	04	SUM	00022439
41454	LAKEMORE	04	SUM	00002561
45976	MACEDONIA	04	SUM	00009224
51058	MOGADORE	04	SUM	00003893
53312	MUNROE FALLS	04	SUM	00005314
54562	NEW FRANKLIN	04	SUM	00002191
56448	NORTHFIELD	04	SUM	00003827
57260	NORTON	04	SUM	00011523
61574	PENINSULA	04	SUM	00000602
66152	REMINDERVILLE	04	SUM	00002347
66530	RICHFIELD	04	SUM	00003286
72494	SILVER LAKE	04	SUM	00003019
74944	STOW	04	SUM	00032139
76106	TALLMADGE	04	SUM	00016390
78050	TWINSBURG	04	SUM	00017006
18812	CORTLAND	04	TRU	00006830
30198	GIRARD	04	TRU	00010902
36582	HUBBARD	04	TRU	00008284
44912	LORDSTOWN	04	TRU	00003633
45934	MCDONALD	04	TRU	00003481
55650	NEWTON FALLS	04	TRU	00005002
55916	NILES	04	TRU	00020932
58674	ORANGEVILLE	04	TRU	00000189
80892	WARREN	04	TRU	00046832
83384	W FARMINGTON	04	TRU	00000519
86856	YANKEE LAKE	04	TRU	00000099

FIPS	MUNI_NAME	DISTRICT	COUNTY	POPULATION
88000	YOUNGSTOWN	04	TRU	00082026
03744	BALTIC	11	TUS	00000743
03940	BARNHILL	11	TUS	00000364
07594	BOLIVAR	11	TUS	00000894
21714	DENNISON	11	TUS	00002992
22456	DOVER	11	TUS	00012210
30702	GNADENHUTTEN	11	TUS	00001280
49966	MIDVALE	11	TUS	00000547
50764	MINERAL CITY	11	TUS	00000841
54432	NEWCOMERSTOWN	11	TUS	00004008
55216	NEW PHILADELPHIA	11	TUS	00017056
61056	PARRAL	11	TUS	00000241
64346	PORT WASHINGTON	11	TUS	00000552
68742	ROSWELL	11	TUS	00000276
74804	STONE CREEK	11	TUS	00000184
74958	STRASBURG	11	TUS	00002310
75210	SUGAR CREEK	11	TUS	00002174
77924	TUSCARAWAS	11	TUS	00000934
78176	UHRICHSVILLE	11	TUS	00005662
88168	ZOAR	11	TUS	00000193
22694	DUBLIN	06	UNI	00031392
46830	MAGNETIC SPRINGS	06	UNI	00000323
48160	MARYSVILLE	06	UNI	00015942
50218	MILFORD CENTER	06	UNI	00000626
63030	PLAIN CITY	06	UNI	00002832
66936	RICHWOOD	06	UNI	00002156
78834	UNIONVILLE CTR	06	UNI	00000299
18546	CONVOY	01	VAN	00001110
21602	DELPHOS	01	VAN	00006944
24794	ELGIN	01	VAN	00000050
49728	MIDDLE POINT	01	VAN	00000593
58002	OHIO CITY	01	VAN	00000784
71080	SCOTT	01	VAN	00000322
79562	VAN WERT	01	VAN	00010690
79632	VENEDOCIA	01	VAN	00000160
85736	WILLSHIRE	01	VAN	00000463
86632	WREN	01	VAN	00000199
32956	HAMDEN	10	VIN	00000871
45696	MCARTHUR	10	VIN	00001888
85190	WILKESVILLE	10	VIN	00000151
88028	ZALESKI	10	VIN	00000375
06908	BLANCHESTER	08	WAR	00004220
10674	BUTLERVILLE	08	WAR	00000231

FIPS	MUNI_NAME	DISTRICT	COUNTY	POPULATION
12168	CARLISLE	08	WAR	00005121
18840	CORWIN	08	WAR	00000256
28476	FRANKLIN	08	WAR	00011396
34384	HARVEYSBURG	08	WAR	00000563
42364	LEBANON	08	WAR	00016962
45108	LOVELAND	08	WAR	00011677
46872	MAINEVILLE	08	WAR	00000885
48188	MASON	08	WAR	00022016
49840	MIDDLETOWN	08	WAR	00051605
51310	MONROE	08	WAR	00007133
52374	MORROW	08	WAR	00001286
63576	PLEASANT PLAIN	08	WAR	00000156
73446	SOUTH LEBANON	08	WAR	00002538
74076	SPRINGBORO	08	WAR	00012380
82418	WAYNESVILLE	08	WAR	00002558
05424	BELPRE	10	WAS	00006660
06222	BEVERLY	10	WAS	00001282
45164	LOWELL	10	WAS	00000628
45220	LOWER SALEM	10	WAS	00000109
46158	MACKSBURG	10	WAS	00000202
47628	MARIETTA	10	WAS	00014515
48286	MATAMORAS	10	WAS	00000957
02232	APPLE CREEK	03	WAY	00000999
10254	BURBANK	03	WAY	00000279
18308	CONGRESS	03	WAY	00000192
19344	CRESTON	03	WAY	00002161
19974	DALTON	03	WAY	00001605
22568	DOYLESTOWN	03	WAY	00002799
28616	FREDERICKSBURG	03	WAY	00000487
48048	MARSHALLVILLE	03	WAY	00000826
52682	MT EATON	03	WAY	00000246
57260	NORTON	03	WAY	00011523
58828	ORRVILLE	03	WAY	00008551
67356	RITTMAN	03	WAY	00006314
72396	SHREVE	03	WAY	00001582
72788	SMITHVILLE	03	WAY	00001333
84196	WEST SALEM	03	WAY	00001501
86548	WOOSTER	03	WAY	00024811
01588	ALVORDTON	02	WIL	00000305
06810	BLAKESLEE	02	WIL	00000130
09792	BRYAN	02	WIL	00008333
24486	EDGERTON	02	WIL	00002117
24640	EDON	02	WIL	00000898

FIPS	MUNI_NAME	DISTRICT	COUNTY	POPULATION
35864	HOLIDAY CITY	02	WIL	00000049
51772	MONTPELIER	02	WIL	00004320
62834	PIONEER	02	WIL	00001460
75140	STRYKER	02	WIL	00001406
84308	W UNITY	02	WIL	00001790
03646	BAIRDSTOWN	02	WOO	00000130
07062	BLOOMDALE	02	WOO	00000724
07972	BOWLING GREEN	02	WOO	00029636
08112	BRADNER	02	WOO	00001171
19750	CUSTAR	02	WOO	00000208
19820	CYGNET	02	WOO	00000564
28014	FOSTORIA	02	WOO	00013931
31206	GRAND RAPIDS	02	WOO	00001002
34412	HASKINS	02	WOO	00000638
36568	HOYTVILLE	02	WOO	00000296
39074	JERRY CITY	02	WOO	00000453
45332	LUCKEY	02	WOO	00000998
50260	MILLBURY	02	WOO	00001161
50708	MILTON CENTER	02	WOO	00000195
56154	N BALTIMORE	02	WOO	00003361
57190	NORTHWOOD	02	WOO	00005471
61504	PEMBERVILLE	02	WOO	00001365
62148	PERRYSBURG	02	WOO	00016945
64108	PORTAGE	02	WOO	00000428
67314	RISING SUN	02	WOO	00000620
68686	ROSSFORD	02	WOO	00006406
77070	TONTOGANY	02	WOO	00000364
80486	WALBRIDGE	02	WOO	00002546
82334	WAYNE	02	WOO	00000842
83888	W MILLGROVE	02	WOO	00000078
83972	WESTON	02	WOO	00001659
12112	CAREY	01	WYA	00003901
33656	HARPSTER	01	WYA	00000203
40558	KIRBY	01	WYA	00000132
47992	MARSEILLES	01	WYA	00000124
53942	NEVADA	01	WYA	00000814
75980	SYCAMORE	01	WYA	00000914
79044	UPPER SANDUSKY	01	WYA	00006533
84574	WHARTON	01	WYA	00000409