Appendix A: Notes

The County Profiles are meant to be a snapshot of the state and counties. In most cases, comparing data from different years of the County Profiles can be done without concern. Occasionally data collection techniques of the Office Research or the source agency may change. This should be kept in mind if a comparison is done.

Appalachia: Data for the Appalachian Region was calculated from county-level data. In some cases, rounded county figures were used to produce the region figure. Figures for the table, Establishments, Employment, and Wages by Sector, are underreported due to suppression at the county level. Suppressed data were treated as zero when summing to the region.

For Page 1

Map: The boundaries for the townships and places are from the 2000 TIGER/Line files created by the Census Bureau. The Highways are from 2007 Road Inventory created by the Ohio Department of Transportation.

Largest Places 2010 and 2018: UB – unincorporated balance. The term applies to townships that contain incorporated places. The population count is for the portion of the township outside the incorporated place.

For Page 2 & 3

2017 American Community Survey 5-year Estimate: The tables from the 2017 American Community Survey 5-year Estimate (ACS) in the County Profiles may be modified versions of what appears in the tables provided by the Census Bureau. To conserve space some data fields, and in one case tables, were combined. More detailed categories may be available in 2017 ACS.

Estimates from the ACS, as is the case with all estimates, have an associated margin of error (MOE). The MOE quantifies the precision of the estimate. Depending on the use, precision of the data may be a consideration. Generally speaking, an estimate for a more populous county will have a higher level of precision with a smaller MOE than a less populated county. Also, if the table is a subset of the total population, there may be a corresponding decrease in the precision of the data. Lastly, tables with many categories will have less precision for an individual category compared to tables with fewer categories. This is somewhat dependent on the distribution of the data among the categories.

Population by Race: Total minority is the sum of all non-white racial categories and whites of Hispanic origin.

For Page 4

Heath Care: Hospital counts include facilities registered as general medical/surgical or children's. During the collection of the data, some hospitals were not "Registered" and their paperwork was listed as "Pending". In such cases, bed counts were used from the most recent registration. Due to differences in data collection, figures for health care facilities should not be compared with previous County Profiles.

Ohio

Crime: Data represent only those reported by local agencies to the FBI for the Uniform Crime Report, therefore, may not reflect true total numbers for the county. The types of crimes reported include murder, forcible rape, robbery, aggravated assault, burglary, larceny, motor vehicle theft, and arson.

Transfer Payments: A transfer payment is a payment to a person, usually in a monetary form, for which that person does not render a service. Examples include unemployment benefits, social security and other retirement benefits, and the value of food stamps, among other things. Dependency Ratio is the total transfer payments as a percentage of total personal income for the same year.

Education: Universities and Colleges listed are a subset of those listed on the Ohio Board of Regents web site. Due to space limitations specialized institutions with enrollments under 2000 and/or satellite campus locations with limited curriculum were not listed.

For Page 5

Establishments, Employment, and Wages by Sector: Limited or concentrated establishment numbers may suppress sector data.

Residential Construction: Estimates include imputed data. Statistics on new housing units authorized by building permits are based upon reports submitted to the Bureau of the Census by local building permit officials in response to a mail survey. It should be noted that not all local areas in Ohio require permits for construction, and therefore, numbers for those counties may not reflect the true volume of construction.

Major & Notable Employers: Information used to compile the major and notable employers' lists was obtained from a variety of sources, including business directories, business newspapers, chambers of commerce, and trade associations. We apologize for any errors or omissions. Each county list is in alphabetical order.

Ohio

Appendix B: Sources

Page 1

Decennial Census of Population, 1800 to 1990

Forstall, Richard L., **Population of States and Counties of the United States: 1790 to 1990**, U.S. Bureau of the Census, Washington, DC, 1996. Reproduced by National Technical Information Service (NTIS).

Taxes

Department of Taxation, Tax Analysis Division; "Taxable Value of Real Property by Class of Property and County: Calendar Year 2017" (PD31);
http://www.tax.ohio.gov/tax_analysis/tax_data_series/publications_tds_property.aspx

Department of Taxation, Tax Analysis Division; "Personal Income Tax, 2016 Income Tax returns by County" (Y3);
http://www.tax.ohio.gov/tax_analysis/tax_data_series/individual_income/publications_tds_individual.aspx.

Land Cover

2016 National Land Cover Data Set, created by the Multi-Resolution Land Characteristics Consortium.
https://www.mrlc.gov. Several classifications were collapsed into like categories due to space limitations.

Largest Areas 2010 and 2018

Census of Population and Housing, 2010: Summary File 1 [machine-readable data files]/prepared by the Bureau of the Census. –Washington: The Bureau [producer and distributor], 2011.

Population Estimates Program, Population Division, U.S. Bureau of the Census;
http://www.census.gov/popest/ May 2019.

Projected Population

Ohio Development Services Agency, Office of Research; "Population Projections by Age and Sex: 2010 – 2040";
http://development.ohio.gov/reports/reports_pop_proj_map.htm , 2018.

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Population by Race; Population by Age; Educational Attainment; Family Type by Employment Status; Household Income; Family Type by Presence of Own Children Under 18; Poverty Status of Families by Family Type by Presence of Related Children; Ratio of Income to Poverty Level; Geographical Mobility

2017 American Community Survey (ACS) 5-year Estimates; , http://data.census.gov/ U.S. Census Bureau, 2018.

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Travel Time to Work; Housing Units; Year Structure Built; Value for Specified Owner-Occupied Housing Units; House Heating Fuel; Gross Rent; Mortgage Status and Selected Monthly Owner Costs for Specified Owner-Occupied Housing Units

> **2017 American Community Survey (ACS) 5-year Estimates**; , http://data.census.gov/ U.S. Census Bureau, 2018.

Vital Statistics

Ohio Department of Health, Center for Public Health Statistics and Informatics; Fertility Rates and Birth Data (2016) and Death Data (2017) provided by Ohio Department of Health in electronic form; http://publicapps.odh.ohio.gov/EDW/DataCatalog .

Migration

County-to-County Migration Flows: 2012-2016 ACS & State-to-State Migration Flows: 2016. U.S. Census Bureau.
https://www.census.gov/topics/population/migration/guidance/county-to-county-migration-flows.html
https://www.census.gov/topics/population/migration/guidance/state-to-state-migration-flows.html

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Agriculture

2017 Census of Agriculture, U.S. Department of Agriculture, Ohio office of USDA'S National Agricultural Statistics Service; https://www.nass.usda.gov/Publications/AgCensus/2017/index.php

Education

Ohio Department of Education;
Public school information ---
https://reportcard.education.ohio.gov/download; (user interface query), All public school data for School Year 2017-18.

Nonpublic school information ---
http://www.ode.state.oh.us >Topics >Data >FrequentlyRequestedData >Enrollment Data; "Enrollment Data"; School Year 2017-18.

University and college information ---
Ohio Higher Ed, University System of Ohio; "Ohio Campuses";
https://www.ohiohighered.org/campuses ; 2018.
National Center for Education Statistics; http://nces.ed.gov/ipeds/datacenter/; 2017.

State Library of Ohio; "Directory of Public Libraries", 2018; http://www.library.ohio.gov.

Transportation

Ohio Department of Public Safety, Bureau of Motor Vehicles, Tax Distribution Division; "2017 Tax Distribution Detailed Statement of Motor Vehicle Registrations";
http://bmv.ohio.gov/more-taxdistribution.aspx

Ohio

Ohio Department of Transportation; "System Mileage by Functional Class, includes NHS & PAS (RI-339)"; http://www.dot.state.oh.us/Divisions/Planning/TechServ/TIM/Pages/MileageFunctionalClass-Reports.aspx ; 2018.

Airport counts were derived from a geographic information system (GIS) file, http://www.dot.state.oh.us/Divisions/Planning/TechServ/Prod_Services/ESRIDWNLOADS/Pages/default.aspx. Detailed airport information can be obtained from the **Ohio Airport Directory 2005-2006**; Office of Aviation, Ohio Department of Transportation.

Voting
Ohio Secretary of State; email: election@sos.state.oh.us ; "Election Results, 2018 Official Results"; http://www.sos.state.oh.us/sos/elections/Research/electResultsMain.aspx .

Health Care
State of Ohio Medical Board; "2018 Annual Report", Physician Distribution by County, https://www.med.ohio.gov/Publications/Annual-Report

Ohio Department of Health; "Health Care Provider Report & Information Extract"; http://publicapps.odh.ohio.gov/eid/default.aspx, (user interface query), 2018.

U.S. Census Bureau; "Small Area Health Insurance Estimates (SAHIE)", 2017; http://www.census.gov/did/www/sahie/

Crime
Ohio Department of Public Safety, Office of Criminal Justice Services; https://ocjs.ohio.gov/v-c_crime.stm; Ohio Crime by County Statistics from the FBI's Ohio Master File for the Uniform Crime Reporting Program, 2017.

Communications
Ohio Newspaper Association, 2016 http://www.ohionews.org/ , >Programs, >Ohio Newspapers Directory; "2016-17 Directory of Ohio Newspapers and Websites"

2013-2014 Ohio News Media Directory; News Media Directories, Mount Dora, FL; T.V. and Radio.

Finance
Federal Deposit Insurance Corporation; "Financial Institution Directory"; https://www5.fdic.gov/idasp/advSearchLanding.asp, "*>Institutions*" (user interface query) for Financial Institutions and Assets; "*>Offices*" (user interface query) for Branch offices, 2018.

State Parks
Ohio Department of Natural Resources, Division of Real Estate and Land Management; 2018, (614) 265-6395 ; Data provided electronically to ODSA. http://geospatial.ohiodnr.gov/.

Transfer Payments
Bureau of Economic Analysis, U.S. Department of Commerce; "Regional Economic Accounts, 2017" (CA35); http://www.bea.gov/regional/index.htm > Local Area Personal Income & Employment, (user interface query).

Per Capita Income
Bureau of Economic Analysis, U.S. Department of Commerce; "Regional Economic Accounts, 2017" (CA05); http://www.bea.gov/regional/index.htm > Local Area Personal Income & Employment, (user interface query).

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Civilian Labor Force

Ohio Department of Job and Family Services, Labor Market Information; "Civilian Labor Force Estimates"; http://ohiolmi.com/ >Data>LAUS (user interface query), 2014 to 2018.

Employment and Wages

U.S. Department of Labor, Bureau of Labor Statistics; "Quarterly Census of Employment and Wages"; http://www.bls.gov/cew/datatoc.htm >County High-Level , 2012 & 2017.

Residential Construction

Building Permits Surveys [machine-readable database] / prepared by the U.S. Bureau of the Census, Washington, DC: the Bureau [producer and distributor], 2014 to 2018; http://www.census.gov/construction/bps/ .

Major & Notable Employers

Various business directories, business newspapers, Chambers of Commerce, and trade associations. Compiled by the Office of Research, Ohio Development Services Agency.