

Appendix A: Townships Abolished Since 1960

Townships Dissolved, Completely Annexed or Abolished Since 1960		
Township:	County:	Pop. In Last Census Before Abolishment
<u>1960-1970</u>		
Kelleys Island	Erie	171
Kirtland	Lake	4,867
Mentor	Lake	17,423
Timberlake	Lake	670
Waite Hill	Lake	360
Black River	Lorain	853
Adams	Lucas	22,449
Streetsboro	Portage	5,767
Macedonia	Summit	4,060
Ross	Wood	3,660
<u>1970-1980</u>		
Wayne	Montgomery	9,032
Lordstown	Trumbull	2,472
<u>1980-1990</u>		
Riveredge	Cuyahoga	477
Northampton	Summit	6,636
<u>1990-2000</u>		
Warrensville	Cuyahoga	1,934
Lima	Licking	4,398
Mad River	Montgomery	23,777
Madison	Montgomery	20,605
Randolph	Montgomery	12,848
Green	Summit	15,626
Hudson	Summit	11,969

Appendix B: Additional Notes on Data

Calculating Township Population:

- Township data is derived from extracting “place remainder” data from the census bureau. Place remainder data is a very detailed level of geography and includes data for those persons residing in the township area. Persons living in cities and villages are not contained in this data. In summary, the township data reported in this report represents all demographic and population attributes of persons residing in the unincorporated land in the state and does not account for the population residing in a village or city. Place remainder data is more detailed than the traditional MCD (minor civil divisions) level of geography often used by the Census Bureau. Often MCD level geography does not disaggregate population residing in villages or cities from population living in townships, thus MCD level data is not an accurate representation of population residing in unincorporated areas. MCD level data will not match the township totals presented in this report.
- Census Designated Places or CDPs are concentrations of population or economic activity not within a city or village. The Census Bureau separates these place from township population counts. Because Census Designated Places do represent township population and are not affiliated with any city or village, these population counts were recalculated back into the township population totals according to the township(s) within which the CDP existed.
- Due to discrepancies in the hard copy census records utilized to produce 1960 and 1970 township data it was necessary to estimate some township population counts. The estimation method may introduce a slight error for a few 1970 township data presented in this report. Problems also arose due to the discovery of some incorrect data for township population within the printed documents. Township population for 1970 in some cases was computed by determining the percentage of the minor civil division population living in townships in 1960 and multiplying this percentage by the minor civil division population in 1970 to estimate population residing in the townships. This method was used to estimate 1970 population totals for 13 townships.
- Population totals presented in the report represent 100% count data from the U.S. Census Bureau. The 100% count totals are derived directly from questionnaire responses from the decennial census and are not adjusted for any sampling error. Thus, the data presented in this report may not match sample population counts (population counts with sampling error adjustments) released by the Census Bureau.
- Impacts of annexation on population loss are not distinguished in this report. Due to annexation activity (especially in metropolitan areas) many townships are geographically smaller in more recent decades. Annexation activity may result in unusually high population losses between census periods for a small number of townships. Future research related to this project may attempt to investigate population gains and losses associated with annexation, but such an undertaking is currently beyond the scope of this project.
- Some townships that existed in 1960 have been abolished or dissolved over time. A total of 21 townships have been dissolved or abolished since 1960. These townships, their

geographic location and population count recorded in the decennial census before their abolishment is listed in Appendix A.

Calculating Township Population Density:

Population Density for Townships was calculated by dividing land area by population counts for all Ohio townships. The following list describes methods utilized to calculate land area for townships in each decennial census year. All area measurements were calculated in square miles.

- *1960 Land Area:* Area Measurement Report – Areas of Ohio 1960. U.S. Census Bureau.
- *1970 Land Area:* Estimated by calculating the mean value of 1960-township land area and 1980 township land area.
- *1980 Land Area:* Geolytics CensusCD 1980™. 1980 area measurements were calculated in a GIS using boundary files from Geolytic’s CensusCD 1980™. Townships areas were created by overlaying minor civil division boundaries with place boundaries. After overlaying place boundaries, all residual minor civil division land was identified as township area. Area calculations were performed after creating township boundaries.
- *1990 Land Area:* 1990 Census of Population, Summary Population and Housing Characteristics, Ohio.
- *2000 Land Area:* Calculated utilizing a Geographic Information System and 2000 Census Tiger Files. Townships areas were created by overlaying minor civil division boundaries with place boundaries. After overlaying place boundaries, all residual minor civil division land was identified as township area. Area calculations were performed after creating township boundaries.