

Data Definitions - Madison Neighborhood Indicators, 2016 edition.

For previous years' definitions see corresponding data dictionary: <http://madison.apl.wisc.edu/definitions.php>

Tabulation geography: The Neighborhood Indicators project provides data for neighborhood associations and plan districts within the City of Madison. Because many of the indicators rely on City of Madison data providers, the geographies represented here include only those areas that lie within Madison city limits. Portions of the plan district and neighborhood boundaries that lie outside the City of Madison are not included in the maps nor are they part of the statistical tabulations presented in this report.

Source: Neighborhood association and plan district boundaries: City of Madison Planning & Development Unit, received 7/12/2016.

Geographic Boundary Change 2016: "Yes" signifies a 2% or greater change in the coverage area of the tabulation area boundary from the previous year. Such changes may account for observed differences in indicator values over time.

Source: APL calculation based on tabulation geography boundary files.

Land area (acres): The land area in acres.

Source: APL calculation based on tabulation geography boundary files.

Number of housing units (Census 2000 & 2010): Estimated total housing units. The Census Bureau defines a housing unit as a house, an apartment, a mobile home or trailer, a group of rooms, or a single room occupied as separate living quarters, or if vacant, intended for occupancy as separate living quarters.

Source: Census 2000 & 2010 block data, APL interpolation to 2016 tabulation geography.

Owner Occupied Homes (Census 2000 & 2010): Estimated number of owner occupied housing units and owner occupied units as a percentage of all occupied units.

Source: Census 2000 & 2010 block data, APL interpolation to 2016 tabulation geography.

Total population (Census 2000 & 2010): Estimated total population.

Source: Census 2000 & 2010 block data, APL interpolation to 2016 tabulation geography.

Young Children - Age 0 to 4 (Census 2000 & 2010): Estimated number and percent of persons age four and under.

Source: Census 2000 & 2010 block data, APL interpolation to 2016 tabulation geography.

Youth Population - Age 0 to 17 (Census 2000 & 2010): Estimated number and percent of persons age 17 and under.

Source: Census 2000 & 2010 block data, APL interpolation to 2016 tabulation geography.

Senior Population - Age 65 and over (Census 2000 & 2010): Estimated number and percent of persons age 65 and over.

Source: Census 2000 & 2010 block data, APL interpolation to 2016 tabulation geography.

White (Census 2000 & 2010): Estimated number and percent of persons in the *White alone* race category. *White alone* population shown for non-Hispanics only; Hispanic population of all races shown separately.

Source: Census 2000 & 2010 block data, APL interpolation to 2016 tabulation geography.

Black or African American (Census 2000 & 2010): Estimated number and percent of persons in the *Black or African American alone* race category. *Black or African American alone* category population shown for non-Hispanics only; Hispanic population of all races shown separately.

Source: Census 2000 & 2010 block data, APL interpolation to 2016 tabulation geography.

Asian (Census 2000 & 2010): Estimated number and percent of persons in the *Asian alone* race category. *Asian alone* population shown for non-Hispanics only; Hispanic population of all races shown separately.

Source: Census 2000 & 2010 block data, APL interpolation to 2016 tabulation geography.

Other Races or Multiracial (Census 2000 & 2010): Estimated number and percent of persons in the American Indian alone, Pacific Islander alone, Other Race alone or Two or More Races categories. Other Race or Multiracial population shown for non-Hispanics only; Hispanic population of all races shown separately.

Source: Census 2000 & 2010 block data, APL interpolation to 2016 tabulation geography.

Hispanic or Latino (Census 2000 & 2010): Estimated number and percent of the persons of any race who identify as Hispanic or Latino.

Source: Census 2000 & 2010 block data, APL interpolation to 2016 tabulation geography.

Total households (Census 2000 & 2010): Estimated number of households. The Census Bureau defines a household as an occupied housing unit and includes all the people who occupy that housing unit as their usual place of residence.

Source: Census 2000 & 2010 block data, APL interpolation to 2016 tabulation geography.

Family households (Census 2000 & 2010): Estimated number of families and families as a percentage of all households. The Census Bureau defines a family as two or more people who reside together and who are related by birth, marriage, or adoption.

Source: Census 2000 & 2010 block data, APL interpolation to 2016 tabulation geography.

Families with children (Census 2000 & 2010): Estimated number of families with children and families with children as a percentage of all households.

Source: Census 2000 & 2010 block data, APL interpolation to 2016 tabulation geography.

Female headed families with children (Census 2000 & 2010):

Estimated number of female headed households with children (no husband present) and female headed households with children as a percent of all households.

Source: Census 2000 & 2010 block data, APL interpolation to 2016 tabulation geography.

Madison Dwelling Units: Non-campus dwelling units contained in City of Madison property databases. In residential group quarters, each deliverable mail address is counted as a dwelling unit. Note: In preparing the 2016 edition data, City staff undertook an extensive data cleaning, validation and updating process that accounts for some of the observed changes in the current year.

Source: City of Madison Planning & Development Unit, Parcel summary database, received 6/26/2017.

Campus Dwelling Units: Campus dwelling units in University of Wisconsin or Edgewood College residential housing. In residential group quarters, each deliverable mail address is counted as a dwelling unit. Note: The data sourcing and methods for tabulating the 2016 edition campus dwelling units differs from previous years.

Source: City of Madison Planning & Development Unit, Parcel summary database, received 6/26/2017.

Community Pride Violations: Total community pride violations in 2015. Community pride violation types include a subset of Property Maintenance Violations (Exterior Housing, Graffiti, Junk/Trash/Debris, Trash Carts, and Weeds/Overgrowth) and Zoning Violations (Fences, Inoperable Vehicles, and Parking on Lawn). Violation data have various origins: complaint, survey, referred, programmed, field observation, and other. Snow and ice related violations are excluded due to weather dependent year-to-year variation. Note: Pride violations for the current year are not comparable with the violation indicators from 2009 and earlier editions.

Source: City of Madison Building Inspection Unit, received 7/5/2016.

Property Foreclosures: Total foreclosure cases in 2015. The data only represent the initial foreclosure filing (i.e. initial legal action) against a property owner and should not be confused with sheriff sales (only a share of these cases go all the way through the legal process to a sheriff sale). Some foreclosure actions against a property owner may actually reflect numerous properties (i.e. in the case of a landlord who owns several rental properties); these duplicate properties will not be found in our dataset. There were 10 Dane County foreclosure cases in 2015 that could not be reconciled with a physical property location. Overall geocoding match rate for Dane County foreclosures: 96%.

Source: Dr. Russ Kashian, Fiscal and Economic Research Center - University of Wisconsin-Whitewater and Matt Kures UW-Extension Center for Community Economic Development, received 11/22/2016.

Assisted Housing Units: Housing units to which any of the following assistance categories apply: Public Housing CDA (Community Development Authority), Private Projects - Section 8 Project Subsidies, Section 8 Tenant Based Vouchers, or Section 42 Tax Credits.

Source: City of Madison Planning & Development Unit, received 01/11/2013. Note: These data have not been updated for the current indicator year.

Average house value: Average assessed value (land & improvements) among single dwelling unit, owner-occupied housing units.

Source: City of Madison Planning & Development Unit, Parcel summary database, received 7/21/2016.

Square foot value of housing: Total housing value (land & improvements) among single dwelling unit, owner-occupied units divided by the total finished floor area.

Source: City of Madison Dwelling Units: City of Madison Planning & Development Unit, Parcel summary database, received 7/21/2016.

Median year built: Median year built for dwelling units including single family dwelling units, multi-family units, and residential group quarters. Note: In preparing the 2016 edition data, City staff undertook an extensive data cleaning, validation and updating process that accounts for some of the observed changes in the current year.

Source: City of Madison Planning & Development Unit, Parcel summary database, received 6/26/2017.

Kindergarten preparedness: Number and percent of MMSD kindergarteners who met the fall Phonological Awareness Literacy Screening (PALS) performance benchmark, summarized over a 3-year period including the 2014-15, 2015-16 and 2016-2017 school years. Kindergarteners in the Dual Language Immersion (DLI) programs take the Spanish version of PALS regardless of their native language. Note: Kindergarten readiness measures for the current year are not comparable with the readiness indicators from 2014 and earlier editions.

Source: Madison Metropolitan School District, received 1/12/2017; APL interpolation to 2016 tabulation geography.

Parent education level: no high school diploma / G.E.D.: Number and percent of MMSD students in households in which highest level of parent educational attainment was less than a High School Diploma or G.E.D.; limited to students for whom data were available. Data available for 94% of MMSD students in the City of Madison.

Source: Madison Metropolitan School District, received 1/12/2017; APL interpolation to 2016 tabulation geography.

Parent education level: college graduate: Number and percent of MMSD student households in which highest level of parent educational attainment was a bachelor's, graduate or professional degree; limited to students for whom data were available. Data available for 94% of MMSD students in the City of Madison.

Source: Madison Metropolitan School District, received 1/12/2017; APL interpolation to 2016 tabulation geography.

High mobility students: Number and percent of MMSD students with 2 or more between school transfers in the past 3 years (for the 2013-14, 2014-15 and 2015-16 school years combined). Note: Mobility measures for the current year are not comparable with the mobility indicators from 2014 and earlier editions.

Source: Madison Metropolitan School District, received 1/12/2017; APL interpolation to 2016 tabulation geography.

Economically disadvantaged students: Number and percent of MMSD students that were economically disadvantaged. Data available for 100% of MMSD students in the City of Madison.

Source: Madison Metropolitan School District, received 1/12/2017; APL interpolation to 2016 tabulation geography.

Infant health: term or near term: Number and percent of all 2012-2014 births occurring after the complete 32nd week of gestation. Data for tabulation geographies other than Madison citywide are limited to incidents successfully geocoded. Overall geocoding match rate for Madison birth data: 96%.

Source: Public Health Madison & Dane County; Wisconsin Department of Health Services, received 9/7/2016.

Maternal health: appropriate care: Number and percent of all 2012-2014 births receiving prenatal care that began by the end of the 4th month of gestation and received 80% or more of the American College of Obstetricians and Gynecologists recommended visits. Care status available for 89% of City of Madison births. Data for tabulation geographies other than Madison citywide are limited to incidents successfully geocoded. Overall geocoding match rate for Madison birth data: 96%.

Source: Public Health Madison & Dane County; Wisconsin Department of Health Services, received 9/7/2016.

Voter turnout: Number and percentage of registered voters that voted in the 2016 presidential election.

Source: City of Madison Clerk's Office, received 4/21/2017; geocoded by APL.

Median Household Income (2011-2015): Estimated median household income (in 2015 inflation adjusted dollars). Note: Comparisons of estimates from multi-year periods should ideally be based on non-overlapping periods (e.g., comparing estimates from 2006-2010 with estimates from 2011-2015). Income data from previous NI editions have not been adjusted to 2015 dollars; valid time-series comparison will require inflation adjustment of previous 5-year estimates. Estimates for geographies with small populations may be unreliable and are withheld in some instances.

Source: 2015 American Community Survey, 5-Year Block Group and Madison estimates. APL interpolation to 2016 tabulation geography.

Families in Poverty (2011-2015): Estimated number and percent of families in poverty. Note: Comparisons of estimates from multi-year periods should ideally be based on non-overlapping periods (e.g., comparing estimates from 2006-2010 with estimates from 2011-2015). Estimates for geographies with small populations may be unreliable and are withheld in some instances.

Source: 2015 American Community Survey, 5-Year Block Group and Madison estimates. APL interpolation to 2016 tabulation geography.

Unemployment (2011-2015): Estimated number and percent of civilian labor force that is unemployed. Note: Comparisons of estimates from multi-year periods should ideally be based on non-overlapping periods (e.g., comparing estimates from 2006-2010 with estimates from 2011-2015). Estimates for geographies with small populations may be unreliable and are withheld in some instances.

Source: 2015 American Community Survey, 5-Year Block Group and Madison estimates. APL interpolation to 2016 tabulation geography.

Basic goods & services: Basic goods and services found within ¼ mile of tabulation geography. The presence of businesses is denoted with the corresponding letter: Hospital (H), Pharmacy (P), Credit Union or Bank (B), Grocery Store (G), and Childcare Provider (C).

Source: InfoUSA data from Madison Area Transportation Planning Board, 12/16/2016; APL proximity calculation.

Crimes against persons: Total crimes against persons in 2015 (such as robbery, battery, sexual assault). Data for tabulation geographies other than Madison citywide are limited to incidents successfully geocoded. Overall geocoding match rate for crimes against persons: 91%.

Source: 2015 Incidents records from Madison Police Department, received 2/11/2016; geocoded by MPD & APL.

Crimes against property: Total crimes against property in 2015 (such as residential burglary, retail burglary, auto theft). Data for tabulation geographies other than Madison citywide are limited to incidents successfully geocoded. Overall geocoding match rate for crimes against property: 98%.

Source: 2015 Incidents records from Madison Police Department, received 2/11/2016; geocoded by MPD & APL.

Crimes against society: Total crimes against society in 2015 (such as disturbances, liquor violations, and drug incidents). Data for tabulation geographies other than Madison citywide are limited to incidents successfully geocoded. Overall geocoding match rate for crimes against society: 90%.

Source: 2015 Incidents records from Madison Police Department, received 2/11/2016; geocoded by MPD & APL.

Crashes: Total automobile crashes in 2015. Data for tabulation geographies other than Madison citywide are limited to incidents successfully geocoded. Overall geocoding match rate for crashes is low: 39%.

Source: 2015 Incidents records from Madison Police Department, received 2/11/2016; geocoded by MPD & APL.

Calls for EMS/Fire service: Total calls for emergency medical service and fire service in 2015 that are inside of or within 250 feet of tabulation area boundary. Data for tabulation geographies other than Madison citywide are limited to incidents successfully geocoded. Overall geocoding match rate for EMS/Fire calls: 96%. Note: Calls for service for the current 2016 edition are not comparable with the counts from 2013 and earlier editions.

Source: Madison Fire Department, received 7/5/2016; geocoded by APL.

Transit stop access: Percent of land area that lies within 1/4 mile of a regularly scheduled transit stop. Current year data include some UW routes that were excluded transit metrics in 2014 and earlier editions.

Source: City of Madison - Metro Transit, 8/31/2016; APL land area calculation based on tabulation geography boundary file.

Available transit service: Total number of regularly scheduled transit trips that would permit a passenger boarding, using any of the transit stop locations that are within or adjacent to the area, summarized over the course of a typical seven-day week (Monday-Sunday). Rate shown as total trips available divided by dwelling units. Note: Current year data include some UW routes that were excluded from transit metrics in 2014 and earlier editions. The data sourcing and methods for tabulating the 2016 edition dwelling units differs from previous years.

Source: City of Madison - Metro Transit, 8/31/16; Dwelling Units: City of Madison Planning & Development Unit, Parcel summary database, received 6/26/2017.

Households with Access to a Vehicle (2011-2015): Estimated number and percent of households with access to a private vehicle at home. Note: Comparisons of estimates from multi-year periods should ideally be based on non-overlapping periods (e.g., comparing estimates from 2006-2010 with estimates from 2011–2015). Estimates for geographies with small populations may be unreliable and are withheld in some instances.

Source: 2015 American Community Survey, 5-Year Block Group and Madison estimates. APL interpolation to 2016 tabulation geography.

Bike network access: Percent of dwelling units that fall within 1/2 mile of a bike existing network segment; this includes off-street paths and higher level on-street facilities such as bike boulevards and buffered bike lanes. Note: Some year-to-year differences may be due to source data changes and reclassification of existing network segments. The data sourcing and methods for tabulating the 2016 edition dwelling units differs from previous years.

Source: Bike Network: Madison MPO, received 12/16/2016; APL proximity calculation; Dwelling Units: City of Madison Planning & Development Unit, Parcel summary database, received 6/26/2017.

Pavement condition: Average condition rating of City of Madison maintained street segments within or immediately adjacent to tabulation area. Scoring is based on University of Wisconsin PASER rating system where 10 is the best condition.

Source: City of Madison Engineering Division, accessed online 12/19/2016; APL summary calculation.

Definitions last updated on July 3, 2017