

## 2010 Madison Neighborhood Indicators Data Definitions

**Tabulation geography:** The Neighborhood Indicators project provides data for neighborhood associations and planning districts within the City of Madison. Because many of the indicators defined here rely on City of Madison data providers, the geographies represented here include only those areas that lie within Madison city limits. Portions of the planning 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 boundaries: City of Madison Planning & Development Unit, received 05/24/2010; Planning districts: City of Madison Planning & Development Unit, received 05/24/2010.

**Geographic Boundary Change 2009-10:** "Yes" signifies there was a 2% or greater change in the coverage area of the tabulation area boundary. This difference may account for some of the observed differences in indicator values.

**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 file.

**Number of housing units:** 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:** Nielsen Claritas 2010 (current year) block group estimates, received 06/21/2010; APL interpolation to tabulation geography.

**Total population:** Estimated total population.

**Source:** Nielsen Claritas 2010 (current year) block group estimates, received 06/21/2010; APL interpolation to tabulation geography.

**Preschool age population:** Estimated number and percent of persons age four and under.

**Source:** Nielsen Claritas 2010 (current year) block group estimates, received 06/21/2010; APL interpolation to tabulation geography.

**Youth population:** Estimated number and percent of persons age 17 and under.

**Source:** Nielsen Claritas 2010 (current year) block group estimates, received 06/21/2010; APL interpolation to tabulation geography.

**Senior population:** Estimated number and percent of persons age 65 and over.

**Source:** Nielsen Claritas 2010 (current year) block group estimates, received 06/21/2010; APL interpolation to tabulation geography.

**White:** 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:** Nielsen Claritas 2010 (current year) block group estimates, received 06/21/2010; APL interpolation to tabulation geography.

**Black or African American:** 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:** Nielsen Claritas 2010 (current year) block group estimates, received 06/21/2010; APL interpolation to tabulation geography.

**Asian:** 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:** Nielsen Claritas 2010 (current year) block group estimates, received 06/21/2010; APL interpolation to tabulation geography.

**Other Races or Multiracial:** 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:** Nielsen Claritas 2010 (current year) block group estimates, received 06/21/2010; APL interpolation to tabulation geography.

**Hispanic or Latino (of any race):** Estimated number and percent of the persons of any race who identify as Hispanic or Latino.

**Source:** Nielsen Claritas 2010 (current year) block group estimates, received 06/21/2010; APL interpolation to tabulation geography.

**Total households:** 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:** Nielsen Claritas 2010 (current year) block group estimates, received 06/21/2010; APL interpolation to tabulation geography.

**Family households:** 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:** Nielsen Claritas 2010 (current year) block group estimates, received 06/21/2010; APL interpolation to tabulation geography.

**Families with children:** Estimated number of families with children and families with children as a percentage of all households.

**Source:** Nielsen Claritas 2010 (current year) block group estimates, received 06/21/2010; APL interpolation to tabulation geography.

**Female headed families with children:** Estimated number of female headed households with children (no husband present) and percent of all households that are female headed families with own children.

**Source:** Nielsen Claritas 2010 (current year) block group estimates, received 06/21/2010; APL interpolation to tabulation geography.

**Registered voter turn-out:** Not available as a 2010 indicator. For 2009: Number of voters and voters as a percentage of registered voters. November 2008 election.

**Source:** City of Madison Information Services, received 3/10/09.

**Youth opportunity index:** This indicator considers community centers, schools, libraries, and religious institutions as potential sites for youth involvement. This index score represents a weighted average count of youth opportunities within 1/4 mile of each neighborhood dwelling unit. Community centers were given a weight of 3; libraries 2; schools 1 if they had a before or after school program and 2 if they had both; and religious organizations 1. To produce the weighted average opportunity score, the aggregate of weighted "opportunities" for all neighborhood dwellings was divided by the total number of neighborhood dwellings.

**Source:** Dwelling Units: City of Madison Planning & Development Unit, SITUS database, received 05/26/2010 & Madison Assessor commercial properties database, received 05/26/2010; Community Centers: City of Madison Planning & Development Unit., received 05/26/2010; Libraries & Religious Organizations: Metropolitan Planning Organization, InfoUSA data extract, received 06/30/2010; School Locations: Madison Metropolitan School District, received 09/21/09; School Program Info: MMSD website 05/10/2010; APL proximity calculation.

**Community pride violations:** Total community pride violations in 2009: These include violations in the following categories: Graffiti; Grass & Weeds; Junk, Trash & Debris; Property Maintenance; and Zoning. Violations that originated from City of Madison agency referrals and planned surveys are included. Snow and ice related violations are excluded due to weather dependent year-to-year variation.

**Source:** City of Madison Building Inspection Unit, received 09/24/2010.

**Property foreclosers:** Total foreclosure cases in 2009 based on unique properties reported in the Consolidated Court Automation Programs case management system. Only a share of these cases go all the way through the foreclosure 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 the dataset. There are 75 foreclosure cases in Dane County that were not reconciled with a physical property location. Data for tabulation geographies other than Madison citywide are limited to incidents successfully geocoded at a small area geographic scale. Overall geocoding match rate for Dane County foreclosures: 90%.

**Source:** Dr. Russ Kashian, Fiscal and Economic Research Center - University of Wisconsin-Whitewater and Matt Kures UW-Extension Center for Community Economic Development, received 04/24/2010.

**Assisted Housing Units:** Assisted Housing Units include housing units to which any of the following 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 09/03/2010.

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

**Source:** City of Madison Planning & Development Unit. SITUS database, received 05/26/2010.

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

**Source:** City of Madison Planning & Development Unit: SITUS database, received 05/26/2010; Bldfloor database (for floor area), received 06/07/2010.

**Owner Occupied Homes:** Estimated number and percent of occupied housing units that are owner occupied.

**Source:** Nielsen Claritas 2010 (current year) block group estimates, received 06/21/2010; APL interpolation to tabulation geography.

**Median year built:** Median year built for dwelling units including both "single family" dwelling units and "multi-family" units.

**Source:** City of Madison Planning & Development Unit, SITUS database, received 05/26/2010 & Madison Assessor commercial properties database, received 05/26/2010

**Kindergarten preparedness:** Number and percent of students identified as kindergarten ready through MMSD kindergarten readiness assessment; limited to students for whom data were available. Data available for 57% of MMSD students in the City of Madison.

**Source:** Madison Metropolitan School District, received 05/05/2010.

**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 which data were available. Data available for 77% of MMSD students in the City of Madison.

**Source:** Madison Metropolitan School District, received 09/21/2009.

**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 which data were available. Data available for 77% of MMSD students in the City of Madison.

**Source:** Madison Metropolitan School District, received 05/05/2010.

**High mobility students:** Number and percent of MMSD students whose number of attendance area moves was greater than one per year in the district. Data available for 100% of MMSD students in the City of Madison.

**Source:** Madison Metropolitan School District, received 05/05/2010.

**Free/reduced lunch students:** Number and percent of MMSD students eligible for free or reduced cost lunch. Data available for 100% of MMSD students in the City of Madison.

**Source:** Madison Metropolitan School District, received 05/05/2010.

**Infant health: term or near term:** Number and percent of all 2006-2008 births occurring after the complete 32nd week of gestation. Data are limited to incidents successfully geocoded. Overall geocoding match rate for Dane County birth data: 97%.

**Source:** Public Health Madison & Dane County; Wisconsin Department of Health Services, received 04/21/2010.

**Maternal health: appropriate care:** Number and percent of all 2006-2008 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. Data are limited to incidents successfully geocoded. Overall geocoding match rate for Dane County birth data: 97%.

**Source:** Public Health Madison & Dane County; Wisconsin Department of Health Services, received 04/21/2010.

**Median household income:** Estimated median household income.

**Source:** Nielsen Claritas 2010 (current year) block group estimates, received 06/21/2010; APL interpolation to tabulation geography.

**Families in poverty:** Estimated number and percent of families in poverty.

**Source:** Nielsen Claritas 2010 (current year) block group estimates, received 06/21/2010; APL interpolation to tabulation geography.

**Unemployed:** Estimated number and percent unemployment for civilian labor force population age 16 and over.

**Source:** Nielsen Claritas 2010 (current year) block group estimates, received 06/21/2010; APL interpolation to tabulation geography.

**Families receiving income qualifying assistance:** Number of families with one or more minor children who received Medical Assistance, Food Stamps and/or W-2 benefits in February 2009.

**Source:** Dane County Department of Human Services, based on the Wisconsin Department of Children and Families (formerly Health and Family Services) CARES Extract, received 10/21/2010.

**Basic goods & services:** Basic goods and services found within ¼ mile of neighborhood. 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:** Metropolitan Planning Organization, InfoUSA data extract, received 06/30/2010; APL proximity calculation.

**Crimes against persons:** Total previous year crimes against persons (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: 93%.

**Source:** 2009 Incidents Records from Madison Police Department, received 05/19/2010; geocoded by APL.

**Crimes against property:** Total previous year crimes against property (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: 92%.

**Source:** 2009 Incidents Records from Madison Police Department, received 05/19/2010; geocoded by APL.

**Crimes against society:** Total previous year crimes against society (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:** 2009 Incidents Records from Madison Police Department, received 05/19/2010; geocoded by APL.

**Crashes:** Total previous year automobile crashes; data for tabulation geographies other than Madison citywide are limited to incidents successfully geocoded. Overall geocoding match rate for crashes: 48%.

**Source:** 2009 Incidents Records from Madison Police Department, received 05/19/2010; geocoded by APL.

**Calls for EMS/Fire service:** Total previous year calls for emergency medical service and fire service; data for tabulation geographies other than Madison citywide are limited to incidents successfully geocoded. Overall geocoding match rate for EMS/Fire calls: 95%.

**Source:** Madison Fire Department, received 5/13/2010.

**Transit stop access:** Percent of Neighborhood land area that falls within a 1/4 mile radius of a transit stop location.

**Source:** City of Madison - Metro Transit, 08/24/2010; 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 the area, summarized over the course of a typical seven-day week (Monday-Sunday). Rate shown as total trips available in area divided by dwelling units in area.

**Source:** Trips: City of Madison - Metro Transit, 08/24/2010; Dwelling Units: City of Madison Planning & Development Unit, SITUS database, received 05/26/2010 & Madison Assessor commercial properties database, received 05/26/2010.

**Households with access to a vehicle:** Number and percent of occupied households that have access to a private vehicle at home.

**Source:** Nielsen Claritas 2010 (current year) block group estimates, received 06/21/2010; APL interpolation to tabulation geography.

**Bike path access:** Number and percent of neighborhood dwelling units that fall within 1/2 mile of a bike path. Does not include segments located within parks.

**Source:** Dwelling Units: City of Madison Planning & Development Unit, SITUS database, received 05/26/2010 & Madison Assessor commercial properties database, received 05/26/2010; Bike Paths: City of Madison Engineering Division, received 08/19/2010; APL proximity calculation.

**Pavement condition:** Average condition rating of City street segments completely contained within the boundary. Scoring is based on UW PASER rating system where 10 is the best condition.

**Source:** City of Madison Engineering Division, received 08/19/2010; APL summary calculation.

**Average residential water use:** Average daily water use; 2005 through 2009. Measured in gallons per day per dwelling unit including single (RE) and multi-family (MF) accounts. Dwelling units counts used for averaging are from 2010, therefore areas with recent increases in dwelling units will have downwardly biased usage figures.

**Source:** Madison Water Utility, received 11/01/2010; Dwelling Units: City of Madison Planning & Development Unit, SITUS database, received 05/26/2010 & Madison Assessor commercial properties database, received 05/26/2010.

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