

Table 5. Comparison of Tax Parcel and US Census Population Sample Survey Variables

	Dakota County, MN Tax Parcel Dataset 1/1/2019	American Community Survey as IPUMS-USA ⁽¹⁾ 2011 - 2015	American Housing Survey Public Use File ⁽²⁾ 2017
Number of CIC Records	Total parcel points: 157,103 CIC parcel points ⁽³⁾ : 36,573	Total records: 4,473,799 CIC records ⁽⁴⁾ : 205,769	Total records: 69,493 CIC records ⁽⁵⁾ : 14,559
Variable(s) to identify CIC housing unit	USECLASS1 = “Residential- townhouse” or “Residential- condominium” and USE1_DESC = “Cooperative” as identified by the County Assessor	CONDOFEE ⁽⁶⁾ - Condominium fee paid of \$1 or more	CONDO – housing units is a condominium HOA – housing unit is part of a homeowners association
Variable to aggregate parcels into CIC entity	PLAT_NAME	None	None
Selected housing unit and household variables	<ul style="list-style-type: none"> • Homeowner name and address • Year built • Finished square feet • Estimated market value of land • Estimated market value of house • Estimated total market value • Total taxes paid • Homestead status • Dwelling type/home style • Acreage • Sale year • Sale price • School district 	<ul style="list-style-type: none"> • Monthly condominium fee • Number of units in structure • Household size • Year structure built • Mortgage status • Housing costs • Total household income • Housing cost burden (calculated) • Car ownership • Multigeneration household • English language ability • Householder living alone • Federal poverty level • SNAP recipient • Own or rent status 	<ul style="list-style-type: none"> • Monthly condominium/HOA fee • Type of housing unit • Number of units in structure • Type of household • Household size • Householder age 65 or over • Number of floors in unit • Number of residents in unit • Year structure built • Value of home • Total monthly household income • Home maintenance costs • Home entry no steps or stairs • Main level bedroom & bathroom • Multigeneration household • Own or rent status • Federal poverty level • Wheelchair home modification

Selected resident variables	None	<ul style="list-style-type: none"> • Age • Sex • Race • Hispanic Origin • Disabled householder • Health Insurance • English language difficulty • Education • Employment 	<ul style="list-style-type: none"> • Age • Sex • Race • Hispanic Origin • Disabled householder • Householder use cane or walker
Selected neighborhood variables	None	None	<ul style="list-style-type: none"> • Rating as place to live • Presence of specific services • Presence of specific detriments (e.g., crime, litter, noise) • Most of neighbors age 55 or over
Geography	Scalable: Individual CIC parcel; aggregate parcels into CIC entity (association); select CICs by neighborhood, city, county, legislative district, ZIP code, and many others including user-defined	CIC identifiable only in aggregate by Public Use Microdata Area (PUMA) only with population of 100,000 or larger	CIC identifiable only in aggregate by: <ul style="list-style-type: none"> • National • 9 US Census Divisions • 15 largest metropolitan areas • Rotating 10 metropolitan areas
Access and use data	Publicly available in digital form at no cost	Publicly available in digital form at no cost	Publicly available in digital form at no cost

-
- (1) Steven Ruggles, Sarah Flood, Ronald Goeken, Josiah Grover, Erin Meyer, Jose Pacas, and Matthew Sobek. IPUMS USA: Version 9.0 [dataset]. Minneapolis, MN: IPUMS, 2019. <https://doi.org/10.18128/D010.V9.0>. Minnesota Population Center, university of Minnesota.
- (2) <https://www.census.gov/programs-surveys/ahs/data/2017/ahs-2017-public-use-file--puf-.html>
- (3) CIC includes townhome association, condominium and cooperative as identified by Dakota County Assessor
- (4) CIC includes **Condominium** as defined by the US Census. A **Condominium** is a type of ownership that enables a person to own an apartment or house in a development of similarly owned units and to hold a common or joint ownership in some or all of the common areas and facilities such as land, roof, hallways, entrances, elevators, swimming pool, etc. Condominiums may be single-family houses as well as units in apartment buildings. Renters don't always report condo fees, as they may be collected as part of the rent. Therefore, ACS data are only shown for owner- occupied condominiums.

- (5) CIC includes **Condominium** and **HOA** (Home Owners Association) as defined by the US Census. **CONDO** indicates that the unit is a condominium. A **cooperative** is a type of ownership whereby a corporation of member-owners owns a group of housing units. Each individual member is entitled to occupy or rent out an individual housing unit and is a shareholder in the corporation that owns the property, but does not own the unit directly. The corporation may have a mortgage on the whole group of units. The member may have a loan or mortgage to buy his or her shares in the corporation. A condominium is a type of ownership that enables a person to own an apartment or house directly in a project of similarly owned units. The owner's name is on the deed, and the owner may have a mortgage on American Housing Survey for the United States: 2017 U.S. Department of Housing and Urban Development and U.S. Census Bureau Appendix A-6 the unit occupied. The owner also may hold common or joint ownership in some or all-common areas such as grounds, hallways, entrances, and elevators. **Cooperative or condominium** ownership may apply to various types of structures such as single-family houses, row houses, and townhouses, as well as apartment units. **HOA** indicates that the unit is part of a homeowner's association.
- (6) **CONDOFEE** is defined by the US Census as: A condominium fee normally is charged monthly to the owners of the individual condominium units by the condominium owners' association to cover operating, maintenance, administrative, and improvement costs of the common property (grounds, halls, lobby, parking areas, laundry rooms, swimming pool, etc.). The costs for utilities and/or fuels may be included in the condominium fee if the units do not have separate meters. CONDOFEE is available only in the Public Use Microdata Sample (PUMS) and in the Integrated Public Use Microdata Sample (IPUMS).