

Durham County Social Determinants of Health Dataset Codebook

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Data Sources and Associated Permissions

Source	Abbreviation	Permission	Description	Access Method
National Address Database	NAD	Public Domain	Database of all registered addresses in the US & associated information. For this dataset, the NAD collected data from the North Carolina Center for Geographic Information and Analysis (NCCGIA)	Locally Downloaded
Durham Real Property Database	Property	Public Domain	The Real Property Database is the real estate billing files for all of Durham County. It includes information like maintenance, property value, land use, etc.	Locally Downloaded
IRS Individual Income Tax Statistics	IRS	Public Domain	ZIP Code data show selected income and tax items classified by State, ZIP Code, and size of adjusted gross income. Data are based on individual income tax returns filed with the IRS and are available for Tax Years 1998, 2001, and 2004 through 2016.	Locally Downloaded
PLACES	PLACES	Public Domain	Model-based small area estimates for 40 measures of chronic disease related to health outcomes (12), prevention practices (7), disabilities (7), health-related social needs factors (7), health risk behaviors (4), and health statuses (3). Data were provided by the Centers for Disease Control and Prevention (CDC), Division of Population Health, Epidemiology and Surveillance Branch.	Locally Downloaded
DataWorks NC	DataWorks	Public Domain	The DataWorks NC Durham Neighborhood Compass is a quantitative indicators project with qualitative values, integrating data from local government, the Census Bureau and other state and federal agencies. Please note that this data was manually downloaded from the Github page for DataWorks' Neighborhood Compass (under the metric folder).	Locally Downloaded

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Source	Abbreviation	Permission	Description	Access Method
Longitudinal Employer-Household Dynamics Origin-Destination Employment Statistics	LODES	Open Data Commons Attribution License	Contains census tract level information on number of jobs by place of work and by place of residence and worker and job characteristics. Cleaned by the Urban Institute.	Locally Downloaded
Census Geocoder	GEO	GNU General Public License	API used to code census tracts onto long/lat Coordinates, accessed via the geocoder library	Python Package Call

Contacts

Database	Contact Name	Information	Notes
NAD	NA	NA	NA
Property	Kimberly Horton, Technology Support Specialist	khorton@dconc.gov	NA
IRS	NA	NA	NA
PLACES	NA	NA	NA
DataWorks	John Killeen, Executive Director	johnkilleen@dataworks-nc.org	
LODES	Graham MacDonald, Chief Information Officer at Urban Institute.	gmacdonald@urban.org	Urban does not have dedicated staff for answering data queries, so they may be delayed at times in responding.
GEO	NA	NA	NA

Code Book

Abbreviations	Full Name	Meaning	Unit	Data Level	Last Updated	Source
<p>These addresses were derived from the imperfect merger of NAD and Property. The source variable details where each address was derived from. Please see QC memo for more information. The census_tract variable was coded using the Long/Lat coordinates from NAD via the Census Geocoder.</p>						
Add_Number	Address Number	The whole number identifier of a location along a thoroughfare or within a defined community	NA	Address	2024	NAD
St_PreDir	Street Name Pre-Directional	Word preceding the Street Name element that indicates the direction taken by the street from an arbitrary starting point or line, or the sector where it is located	NA	Address	2024	NAD
St_Name	Street Name	The element of the complete street name that identifies the particular street (as opposed to any street types, directionals, and modifiers)	NA	Address	2024	NAD
St_PosTyp	Street Name Post Type	Word or phrase that follows the Street Name element and identifies a type of thoroughfare in a complete street name	NA	Address	2024	NAD
St_PosDir	Street Name Post Directional	A word following the Street Name element that indicates the direction taken by the street from an arbitrary starting point or line, or the sector where it is located	NA	Address	2024	NAD
Floor	Floor	A floor, story, or level within a building.	NA	Address	2024	NAD
Unit	Unit	A group or suite of rooms within a building that are under common ownership or tenancy, typically having a common primary entrance	NA	Address	2024	NAD
Inc_Muni	Incorporated Municipality	Name of the incorporated municipality or other general-purpose local governmental unit where the address is located	NA	Address	2024	NAD
Post_City	Postal City Name	A city name for the ZIP code of an address, as given in the USPS City State file	NA	Address	2024	NAD
Zip_Code	Zip Code	For standard street mail delivery (with a corresponding geographic delivery area), the system of 5-digit codes that identifies the individual USPS Post Office associated with an address	NA	Address	2024	NAD

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Abbreviations	Full Name	Meaning	Unit	Data Level	Last Updated	Source
Longitude	Address Longitude	Address Longitude, derived based on point placement	NA	Address	2024	NAD
Latitude	Address Latitude	Address Latitude, derived based on point placement	NA	Address	2024	NAD
NatGrid	National Grid Coordinates	National Grid Coordinate, derived based on point placement. Useful for GIS work	NA	Address	2024	NAD
DateUpdate	Date Updated		NA	Address	2024	NAD
NAD_Source	Source		NA	Address	2024	NAD
nad_durm_combine	Entire Address Combined		NA	Address	2024	NAD
building_type	Building Type		NA	Address	2024	NAD
errors	Property/NAD Merge Errors		NA	Address	2024	NAD

The following variables are from the Durham Real Property dataset. Note that some columns are categorical columns that have been encoded. The keys that denote the meaning of different variables are included in Property_Categorical_Keys.pdf.

year	Tax Year	Years	Address	2024	Property
reid	Record ID	NA	Address	2024	Property
city_pcmt	City Percent	%	Address	2024	Property
fire_district	Fire District	NA	Address	2024	Property
fire_pcmt	Fire Percent	%	Address	2024	Property

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Abbreviations	Full Name	Meaning	Unit	Data Level	Last Updated	Source
land_class	Land Class		NA	Address	2024	Property
calculated_acres	Calculated Acres		Acres	Address	2024	Property
zoning	Zoning Code		NA	Address	2024	Property
total_land_value_assessed	Total Land Value Assessed		\$	Address	2024	Property
total_bldg_value_assessed	Total Building Value Assessed		\$	Address	2024	Property
land_use_value	Land Use Value		\$	Address	2024	Property
use_value_deferred	Use Value Deferred		\$	Address	2024	Property
historic_value_deferred	Historic Value Deferred		\$	Address	2024	Property
total_deferred_value	Total Deferred Value		\$	Address	2024	Property
total_prop_value	Total Property Value		\$	Address	2024	Property

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Abbreviations	Full Name	Meaning	Unit	Data Level	Last Updated	Source
deed_date	Deed Date		Years	Address	2024	Property
rev- enue_stamps	Revenue Stamps		NA	Address	2024	Property
pkg_sale_ date	Package Sale Date		Years	Address	2024	Property
pkg_sale_ price	Package Sale Price		\$	Address	2024	Property
land_sale_ date	Land Sale Date		Years	Address	2024	Property
land_sale_ price	Land Sale Price		\$	Address	2024	Property
heated_ area	Heated Area		Square Feet	Address	2024	Property
number_of_ buildings	Number of Buildings		Numeric	Address	2024	Property
total_ bedrooms	Total Bedrooms		Numeric	Address	2024	Property
total_ bathrooms	Total Bath- rooms		Numeric	Address	2024	Property
total_half_ bathrooms	Total Half Bath- rooms		Numeric	Address	2024	Property

(continued)

Abbreviations	Full Name	Meaning	Unit	Data Level	Last Updated	Source
neighborhood	Neighborhood		NA	Address	2024	Property
total_obldg_value	Total Outstanding Value		\$	Address	2024	Property
gross_leasable_area	Gross Leasable Area		Square Feet	Address	2024	Property
EHR_Address	Electronic Health Record Address	The address formatted similar to that of Duke's Electronic Health Record	NA	Address	2024	Self-derived
census_tract	Census Tract	An area roughly equivalent to a neighborhood established by the Bureau of Census for analyzing populations. Derived from address longitude and latitude	NA	Address	2024	Census Geocoder

These measure are from the IRS Individual Income Tax ZIP Code Data set. Note the naming conventions by this example column name: n_item_16_b3. The first section is the column name as seen in the codebook, n_item, followed by either a 15 or 16 denoting the tax year, and then an income bucket number, ranging from b1 to b6. Please see the tax_buckets.pdf document for more information regarding the buckets.

n_ret	NA	Number of Returns	NA	Zip Code	2021	IRS
n_single	NA	Filing status is single	NA	Zip Code	2021	IRS
n_joint	NA	Number of Joint Returns	NA	Zip Code	2021	IRS
n_head	NA	Number of Head of Household Returns	NA	Zip Code	2021	IRS
n_rac	NA	Number of Refund Anticipation Check Returns	NA	Zip Code	2021	IRS

(continued)

Abbreviations	Full Name	Meaning	Unit	Data Level	Last Updated	Source
n_elderly	NA	Number of Elderly Returns	NA	Zip Code	2021	IRS
agi	NA	Adjusted Gross Income	Thousands of Dollars	Zip Code	2021	IRS
n_total_inc	NA	Number of Returns with Total Income	NA	Zip Code	2021	IRS
a_total_inc	NA	Total Income Amount	Thousands of Dollars	Zip Code	2021	IRS
n_wage	NA	Number of Returns with Salaries and Wages	NA	Zip Code	2021	IRS
a_wage	NA	Salaries and Wages	Thousands of Dollars	Zip Code	2021	IRS
n_farm	NA	Number of Farm Returns	NA	Zip Code	2021	IRS
n_unemp_comp	NA	Number of Returns with Unemployment Compensation	NA	Zip Code	2021	IRS
a_unemp_comp	NA	Unemployment Compensation Amount	Thousand of Dollars	Zip Code	2021	IRS
n_txbl_ss	NA	Number of Returns with Taxable Social Security Benefits	NA	Zip Code	2021	IRS
a_txbl_ss	NA	Taxable Social Security Benefits Amount	Thousand of Dollars	Zip Code	2021	IRS
n_item	NA	Number of Returns With Itemized Deductions	NA	Zip Code	2021	IRS

(continued)

Abbreviations	Full Name	Meaning	Unit	Data Level	Last Updated	Source
a_item	NA	Total Itemized Deductions Amount	Thousand of Dollars	Zip Code	2021	IRS
n_alt_min_tax	NA	Number of Returns with Alternative Minimum Tax	NA	Zip Code	2021	IRS
a_alt_min_tax	NA	Alternative Minimum Tax Amount	Thousand of Dollars	Zip Code	2021	IRS
n_dep_care_credit	NA	Number of Returns with Child and Dependent Care Credit	NA	Zip Code	2021	IRS
a_dep_care_credit	NA	Child and Dependent Care Credit Amount	Thousand of Dollars	Zip Code	2021	IRS
n_child_tax_credit	NA	Number of Returns with Child Tax Credit	NA	Zip Code	2021	IRS
a_child_tax_credit	NA	Child Tax Credit Amount	Thousand of Dollars	Zip Code	2021	IRS
n_total_tax_pay	NA	Number of Returns with Total Tax Payments	NA	Zip Code	2021	IRS
a_total_tax_pay	NA	Total Tax Payments Amount	Thousand of Dollars	Zip Code	2021	IRS
n_eic	NA	Number of Returns with Earned Income Credit	NA	Zip Code	2021	IRS

(continued)

Abbreviations	Full Name	Meaning	Unit	Data Level	Last Updated	Source
a_eic	NA	Earned Income Credit Amount	Thousand of Dollars	Zip Code	2021	IRS
n_excess_eic	NA	Number of Returns with Excess Earned Income Credit	NA	Zip Code	2021	IRS
a_excess_eic	NA	Excess Earned Income Credit (Refundable) Amount	Thousand of Dollars	Zip Code	2021	IRS
n_tax_due	NA	Number of Returns with Tax Due at Time of Filing	NA	Zip Code	2021	IRS
a_tax_due	NA	Tax Due at Time of Filing Amount	Thousand of Dollars	Zip Code	2021	IRS
n_overpay	NA	Number of Returns with Overpayments Refunded	NA	Zip Code	2021	IRS
a_overpay	NA	Overpayments Refunded Amount	Thousand of Dollars	Zip Code	2021	IRS

The following measures are from PLACES. There are two possible post-fixes after each variable. The first indicates the year it was measured, and an optional second notes the value as the upper confidence limit (_ucl) and lower confidence limit (_lcl) of that year's measure. For example, MHLTH_16_ucl is the upper confidence limit of the poor mental health variable measured in 2016. Please note that all measures exclude those who refused to answer, had a missing answer, or answered "don't know/not sure."

ACCESS2	Current Lack of Health Insurance among adults aged 18-64	A multilevel regression and post-stratification approach was applied to BRFSS and ACS data to compute a detailed probability among adults aged 18-64 who report having no current health insurance coverage. The probability was then applied to the detailed population estimates at the appropriate geographic level to generate the prevalence.	%	Census Tract	2021	Behavioral Risk Factor Surveillance System (BRFSS), PLACES by extension
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Abbreviations	Full Name	Meaning	Unit	Data Level	Last Updated	Source
ARTHRITIS	Arthritis among adults aged > or = 18 years	A multi-level regression and post-stratification approach was applied to BRFSS and ACS data to compute a detailed probability of having arthritis (reporting 'yes' to the question: "Have you ever been told by a doctor or other health professional that you have some form of arthritis, rheumatoid arthritis, gout, lupus, or fibromyalgia?") The probability was then applied to the detailed population estimates at the appropriate geographic level to generate the prevalence.	%	Census Tract	2021	BRFSS, PLACES by extension
BINGE	Binge drinking among adults aged > or = 18 years	A multi-level regression and post-stratification approach was applied to BRFSS and ACS data to compute a detailed probability among adults who report having > or =5 drinks (men) or > or =4 drinks (women) on > or =1 occasion during the previous 30 days. The probability was then applied to the detailed population estimates at the appropriate geographic level to generate the prevalence.	%	Census Tract	2021	BRFSS, PLACES by extension
BPHIGH	High blood pressure among adults aged > or = 18 years	A multi-level regression and post-stratification approach was applied to BRFSS and ACS data to compute a detailed probability among adults who report ever having been told by a doctor, nurse, or other health professional that they have high blood pressure. Women who were told they had high blood pressure only during pregnancy and those who were told they had borderline hypertension are not included. The probability was then applied to the detailed population estimates at the appropriate geographic level to generate the prevalence.	%	Census Tract	2021	BRFSS, PLACES by extension

(continued)

Abbreviations	Full Name	Meaning	Unit	Data Level	Last Updated	Source
BPMED	Taking medicine for high blood pressure control among adults aged > or =18 years with high blood pressure	A multilevel regression and post-stratification approach was applied to BRFSS and ACS data to compute a detailed probability among adults with high blood pressure who reported currently taking medicine for high blood pressure. The probability was then applied to the detailed population estimates at the appropriate geographic level to generate the prevalence.	%	Census Tract	2021	BRFSS, PLACES by extension
CANCER	Cancer (excluding skin cancer) among adults aged > or =18 years	A multi-level regression and post-stratification approach was applied to BRFSS and ACS data to compute a detailed probability of having arthritis (reporting 'yes' to the question: "Have you ever been told by a doctor, nurse, or other health professional that you had melanoma or any other types of cancer?" and "no" to the question, "Have you ever been told by a doctor, nurse, or other health professional that you had skin cancer that is not melanoma?"). The probability was then applied to the detailed population estimates at the appropriate geographic level to generate the prevalence.	%	Census Tract	2021	BRFSS, PLACES by extension
CASTHMA	Current asthma prevalence among adults aged > or =18 years	A multi-level regression and post-stratification approach was applied to BRFSS and ACS data to compute a detailed probability of having current asthma (reporting 'yes' to both of the questions, "Have you ever been told by a doctor, nurse, or other health professional that you have asthma?" and the question, "Do you still have asthma?"). The probability was then applied to the detailed population estimates at the appropriate geographic level to generate the prevalence.	%	Census Tract	2021	BRFSS, PLACES by extension

(continued)

Abbreviations	Full Name	Meaning	Unit	Data Level	Last Updated	Source
CERVICAL	Cervical cancer screening among women aged 21-65 years	A multilevel regression and post-stratification approach was applied to BRFSS and ACS data to compute a detailed probability among female respondents aged 21-65 years who did not report having had a hysterectomy and who report having had a Papanicolaou (Pap) test within the previous 3 years OR female respondents aged 30-65 years who reported having had a human papilloma virus (HPV) test alone or in combination with a PAP test (also known as a co-test) within the previous 5 years. The probability was then applied to the detailed population estimates at the appropriate geographic level to generate the prevalence.	%	Census Tract	2020	BRFSS, PLACES by extension
CHD	Coronary heart disease among adults aged > or = 18 years	A multi-level regression and post-stratification approach was applied to BRFSS and ACS data to compute a detailed probability among adults who report ever having been told by a doctor, nurse, or other health professional that they had angina or coronary heart disease. The probability was then applied to the detailed population estimates at the appropriate geographic level to generate the prevalence.	%	Census Tract	2021	BRFSS, PLACES by extension
CHECKUP	Visits to doctor for routine checkup within the past year among adults aged > or =18 years	A multilevel regression and post-stratification approach was applied to BRFSS and ACS data to compute a detailed probability among adults who report having been to a doctor for a routine checkup (e.g., a general physical exam, not an exam for a specific injury, illness, or condition) in the previous year. The probability was then applied to the detailed population estimates at the appropriate geographic level to generate the prevalence.	%	Census Tract	2021	BRFSS, PLACES by extension
CHOLSCREEN	Cholesterol screening among adults aged > or =18 years	A multilevel regression and post-stratification approach was applied to BRFSS and ACS data to compute a detailed probability among respondents aged > or =18 years who report having their cholesterol checked within the previous 5 years. The probability was then applied to the detailed population estimates at the appropriate geographic level to generate the prevalence.	%	Census Tract	2021	BRFSS, PLACES by extension

(continued)

Abbreviations	Full Name	Meaning	Unit	Data Level	Last Updated	Source
COGNITION	Cognitive disability among adults	A multi-level regression, post-stratification approach was applied to BRFSS and ACS data to compute a detailed probability of having a cognitive disability (reporting 'yes' to the question: "Because of a physical, mental, or emotional condition, do you have serious difficulty concentrating, remembering, or making decisions?"). The probability was then applied to the detailed population estimates at the appropriate geographic level to generate the prevalence.	%	Census Tract	2021	BRFSS, PLACES by extension
COLON_SCREEN	Colorectal cancer screening among adults aged 45-75 years	A multilevel regression and post-stratification approach was applied to BRFSS and ACS data to compute a detailed probability among adults aged 45-75 years who report having one of the following: a fecal occult blood test (FOBT) within the previous year, a fecal immunochemical test (FIT)-DNA test within the previous 3 years, a sigmoidoscopy within the previous 5 years, a sigmoidoscopy within the previous 10 years with a FIT in the past year, a colonoscopy within the previous 10 years, or a CT colonography (virtual colonoscopy) within the previous 5 years. The probability was then applied to the detailed population estimates at the appropriate geographic level to generate the prevalence.	%	Census Tract	2020	BRFSS, PLACES by extension
COPD	Chronic obstructive pulmonary disease among adults aged > or =18 years	A multi-level regression and post-stratification approach was applied to BRFSS and ACS data to compute a detailed probability among adults who report having ever been told by a doctor, nurse, or other health professional they had chronic obstructive pulmonary disease (COPD), emphysema, or chronic bronchitis. The probability was then applied to the detailed population estimates at the appropriate geographic level to generate the prevalence.	%	Census Tract	2021	BRFSS, PLACES by extension

(continued)

Abbreviations	Full Name	Meaning	Unit	Data Level	Last Updated	Source
COREM	Older adult men aged > or =65 years who are up to date on a core set of clinical preventive services	A multilevel regression and post-stratification approach was applied to BRFSS and ACS data to compute a detailed probability among adults aged 65 years and older as follows: Number of men aged > or =65 years reporting having received all of the following: an influenza vaccination in the past year; a pneumococcal vaccination (PPV) ever; and either a fecal occult blood test (FOBT or FIT) within the previous year, a FIT-DNA test within the previous 3 years, a sigmoidoscopy within the previous 5 years, a sigmoidoscopy within the previous 10 years with a FOBT in the previous year, a colonoscopy within the previous 10 years, or a CT colonography (virtual colonoscopy) within the previous 5 years. The probability was then applied to the detailed population estimates at the appropriate geographic level to generate the prevalence.	%	Census Tract	2020	BRFSS, PLACES by extension
COREW	Older adult women aged > or =65 years who are up to date on a core set of clinical preventive services	A multilevel regression and post-stratification approach was applied to BRFSS and ACS data to compute a detailed probability among adults aged 65 years and older as follows: Number of women aged > or =65 years reporting having received all of the following: an influenza vaccination in the past year; a pneumococcal vaccination (PPV) ever; either a fecal occult blood test (FOBT or FIT) within the previous year, a FIT-DNA test within the previous 3 years, a sigmoidoscopy within the previous 5 years, a sigmoidoscopy within the previous 10 years with a FOBT in the previous year, a colonoscopy within the previous 10 years, or a CT colonography (virtual colonoscopy) within the previous 5 years; and a mammogram in the past 2 years. The probability was then applied to the detailed population estimates at the appropriate geographic level to generate the prevalence.	%	Census Tract	2020	BRFSS, PLACES by extension

(continued)

Abbreviations	Full Name	Meaning	Unit	Data Level	Last Updated	Source
CSMOKING	Current cigarette smoking among adults aged > or =18 years	A multi-level regression and post-stratification approach was applied to BRFSS and ACS data to compute a detailed probability among adults who report having smoked > or = 100 cigarettes in their lifetime and currently smoke every day or some days. The probability was then applied to the detailed population estimates at the appropriate geographic level to generate the prevalence.	%	Census Tract	2021	BRFSS, PLACES by extension
DENTAL	Visits to dentist or dental clinic in the past year among adults aged > or =18 years	A multilevel regression and post-stratification approach was applied to BRFSS and ACS data to compute a detailed probability among adults who report having been to the dentist or dental clinic in the past year. The probability was then applied to the detailed population estimates at the appropriate geographic level to generate the prevalence.	%	Census Tract	2020	BRFSS, PLACES by extension
DEPRESSION	Depression among adults aged > or =18 years	A multi-level regression and post-stratification approach was applied to BRFSS and ACS data to compute a detailed probability among adults who responded yes to having ever been told by a doctor, nurse, or other health professional they had a depressive disorder, including depression, major depression, dysthymia, or minor depression. The probability was then applied to the detailed population estimates at the appropriate geographic level to generate the prevalence.	%	Census Tract	2021	BRFSS, PLACES by extension
DIABETES	Diagnosed diabetes among adults aged > or =18 years	A multi-level regression and post-stratification approach was applied to BRFSS and ACS data to compute a detailed probability among adults who report being told by a doctor or other health professional that they have diabetes (other than diabetes during pregnancy for female respondents). The probability was then applied to the detailed population estimates at the appropriate geographic level to generate the prevalence.	%	Census Tract	2021	BRFSS, PLACES by extension

(continued)

Abbreviations	Full Name	Meaning	Unit	Data Level	Last Updated	Source
DISABILITY	Any disability among adults aged > or =18 years	A multi-level regression, post-stratification approach was applied to BRFSS and ACS data to compute a detailed probability among adults who said yes to at least one of six disability questions: 1) "Are you deaf or do you have serious difficulty hearing?" 2) "Are you blind or do you have serious difficulty seeing, even when wearing glasses?" 3) "Because of a physical, mental, or emotional condition, do you have serious difficulty concentrating, remembering, or making decisions?" 4) "Do you have serious difficulty walking or climbing stairs?" 5) "Do you have difficulty dressing or bathing?" 6) "Because of a physical, mental, or emotional condition, do you have difficulty doing errands alone, such as visiting a doctor's office or shopping?". The probability was then applied to the detailed population estimates at the appropriate geographic level to generate the prevalence.	%	Census Tract	2021	BRFSS, PLACES by extension
GHLTH	Fair or poor self-rated health status among adults aged > or =18 years	A multi-level regression and post-stratification approach was applied to BRFSS and ACS data to compute a detailed probability among adults who report their general health status as "fair" or "poor". The probability was then applied to the detailed population estimates at the appropriate geographic level to generate the prevalence.	%	Census Tract	2021	BRFSS, PLACES by extension
HEARING	Hearing disability among adults aged > or =18 years	A multi-level regression, post-stratification approach was applied to BRFSS and ACS data to compute a detailed probability of having a hearing disability (reporting 'yes' to the question: "Are you deaf or do you have serious difficulty hearing?"). The probability was then applied to the detailed population estimates at the appropriate geographic level to generate the prevalence.	%	Census Tract	2021	BRFSS, PLACES by extension

(continued)

Abbreviations	Full Name	Meaning	Unit	Data Level	Last Updated	Source
HIGHCHOL	High cholesterol among adults aged > or =18 years who have been screened in the past 5 years	A multi-level regression and post-stratification approach was applied to BRFSS and ACS data to compute a detailed probability among adults who report having ever been screened for high cholesterol and told by a doctor, nurse, or other health professional that they had high cholesterol. The probability was then applied to the detailed population estimates at the appropriate geographic level to generate the prevalence.	%	Census Tract	2021	BRFSS, PLACES by extension
INDEPLIVE	Independent living disability among adults aged > or =18 years	A multi-level regression, post-stratification approach was applied to BRFSS and ACS data to compute a detailed probability of having an independent living disability (reporting 'yes' to the question: "Because of a physical, mental, or emotional condition, do you have difficulty doing errands alone, such as visiting a doctor's office or shopping?"). The probability was then applied to the detailed population estimates at the appropriate geographic level to generate the prevalence.	%	Census Tract	2021	BRFSS, PLACES by extension
KIDNEY	Chronic kidney disease among adults aged > or =18 years	A multi-level regression and post-stratification approach was applied to BRFSS and ACS data to compute a detailed probability among adults aged 18 years and older who report ever having been told by a doctor, nurse, or other health professional that they have kidney disease. The probability was then applied to the detailed population estimates at the appropriate geographic level to generate the prevalence.	%	Census Tract	2021	BRFSS, PLACES by extension

(continued)

Abbreviations	Full Name	Meaning	Unit	Data Level	Last Updated	Source
LPA	No leisure-time physical activity among adults aged > or =18 years	A multi-level regression and post-stratification approach was applied to BRFSS and ACS data to compute a detailed probability of having no leisure-time physical activity (reporting 'No' to the question: "During the past month, other than your regular job, did you participate in any physical activities or exercises such as running, calisthenics, golf, gardening, or walking for exercise?"). The probability was then applied to the detailed population estimates at the appropriate geographic level to generate the prevalence.	%	Census Tract	2021	BRFSS, PLACES by extension
MAM-MOUSE	Mammogram use among women aged 50-74 years	A multilevel regression and post-stratification approach was applied to BRFSS and ACS data to compute a detailed probability among women aged 50-74 years who report having had a mammogram within the previous 2 years. The probability was then applied to the detailed population estimates at the appropriate geographic level to generate the prevalence.	%	Census Tract	2020	BRFSS, PLACES by extension
MHLTH	Mental health not good for > or =14 days among adults aged > or =18 years	A multi-level regression and post-stratification approach was applied to BRFSS and ACS data to compute a detailed probability among adults aged > or = 18 years who report that their mental health (including stress, depression, and problems with emotions) was not good for 14 or more days during the past 30 days. The probability was then applied to the detailed population estimates at the appropriate geographic level to generate the prevalence.	%	Census Tract	2021	BRFSS, PLACES by extension
MOBILITY	Mobility disability among adults aged > or =18 years	A multi-level regression, post-stratification approach was applied to BRFSS and ACS data to compute a detailed probability of having a mobility disability (reporting 'yes' to the question: "Do you have serious difficulty walking or climbing stairs?"). The probability was then applied to the detailed population estimates at the appropriate geographic level to generate the prevalence.	%	Census Tract	2021	BRFSS, PLACES by extension

(continued)

Abbreviations	Full Name	Meaning	Unit	Data Level	Last Updated	Source
OBESITY	Obesity among adults aged > or =18 years	A multi-level regression and post-stratification approach was applied to BRFSS and ACS data to compute a detailed probability among respondents aged > or =18 years who have a body mass index (BMI) > or =30.0 kg/m calculated from self-reported weight and height. Exclude the following: Height: data from respondents measuring <3 ft or > or =8 ft; Weight: data from respondents weighing <50 lbs or > or =650 lbs; BMI: data from respondents with BMI <12 kg/m ² or > or =100 kg/m ² . The probability was then applied to the detailed population estimates at the appropriate geographic level to generate the prevalence.	%	Census Tract	2021	BRFSS, PLACES by extension
PHLTH	Physical health not good for > or =14 days among adults aged > or =18 years	A multi-level regression and post-stratification approach was applied to BRFSS and ACS data to compute a detailed probability among adults who reported 14 or more days, during the past 30 days, that their physical health (including physical illness and injury) was not good. The probability was then applied to the detailed population estimates at the appropriate geographic level to generate the prevalence.	%	Census Tract	2021	BRFSS, PLACES by extension
SELFCARE	Self-care disability among adults aged > or =18 years	A multi-level regression, post-stratification approach was applied to BRFSS and ACS data to compute a detailed probability of having a self-care disability (reporting 'yes' to the question: "Do you have difficulty dressing or bathing?"). The probability was then applied to the detailed population estimates at the appropriate geographic level to generate the prevalence.	%	Census Tract	2021	BRFSS, PLACES by extension
SLEEP	Sleeping less than 7 hours among adults aged > or =18 years	A multi-level regression and post-stratification approach was applied to BRFSS and ACS data to compute a detailed probability among adults who report usually getting insufficient sleep duration (<7 hours, on average, during a 24-hour period). The probability was then applied to the detailed population estimates at the appropriate geographic level to generate the prevalence.	%	Census Tract	2020	BRFSS, PLACES by extension

(continued)

Abbreviations	Full Name	Meaning	Unit	Data Level	Last Updated	Source
STROKE	Stroke among adults aged > or =18 years	A multi-level regression and post-stratification approach was applied to BRFSS and ACS data to compute a detailed probability among adults who report ever having been told by a doctor, nurse, or other health professional that they have had a stroke. The probability was then applied to the detailed population estimates at the appropriate geographic level to generate the prevalence.	%	Census Tract	2021	BRFSS, PLACES by extension
TEETHLOST	All teeth lost among adults aged > or =65 years	A multi-level regression and post-stratification approach was applied to BRFSS and ACS data to compute a detailed probability among adults aged 65 years and older who report having lost all of their natural teeth due to tooth decay or gum disease. The probability was then applied to the detailed population estimates at the appropriate geographic level to generate the prevalence.	%	Census Tract	2020	BRFSS, PLACES by extension
VISION	Vision disability among adults aged > or =18 years	A multi-level regression, post-stratification approach was applied to BRFSS and ACS data to compute a detailed probability of having a vision disability (reporting 'yes' to the question: "Are you blind or do you have serious difficulty seeing, even when wearing glasses?"). The probability was then applied to the detailed population estimates at the appropriate geographic level to generate the prevalence.	%	Census Tract	2021	BRFSS, PLACES by extension

The following measures are from DataWorks. There are two possible post-fixes after each variable. The first indicates the year it was measured, and an optional second notes the value as the margin of error (`_moe`). For example, `MEDINC_11_moe` is the margin of error for median household income in 2011. Please note that with all measurements from the American Community Survey in the Neighborhood Compass, these data represent 5 years' worth of surveying. With each annual update, the 5-year period advances by dropping one year and incorporating the next. For this reason, annual releases of this measurement are not suitable for true time series comparison until no overlap exists among the survey periods.

For the 24 measures related to CKD, diabetes, heart attack, and stroke, please note that this information is from Duke Health and Lincoln Community Health Center, provided by Duke's Center for Community and Population Health Improvement. Furthermore, please note that to determine metrics for a particular year, Duke Health Technology only includes adult patients who had an encounter in that same calendar year. When a patient has an interaction with a healthcare provider, this is called an encounter. An encounter can be a single, brief event (such as a regular primary care appointment) or it can be across multiple days (such as a hospital stay). If a patient had a hospitalization that lasted multiple days across two calendar years (e.g. 12/15/15 - 1/15/16), DHT used the discharge date to determine their inclusion.

(continued)

Abbreviations	Full Name	Meaning	Unit	Data Level	Last Updated	Source
AVERAGE	Average Age of Death	The average age of death here is reported for 2009 (reflecting records from 2005-2009) and 2014 (reflecting records from 2010-2014).	Years	Block Group	2014	North Carolina State Center for Health Statistics
RAVGYR	Average Year of Residential Construction	The average age of all residential units - including single-family, multi-family, townhouse and all other residential categories.	Year of Construction	Block Group	2016	Durham County Tax Administration
KWH	Avg. Monthly Household Electricity Use	This data is derived from household energy use for Duke Energy customers throughout Durham County for the years 2013-2014. Household use is averaged for each bockgroup for each month of the calendar year and then averaged across the year as well. The numbers reported here are calendar year averages.	Kiloewatt Hours	Block Group	2014	Duke Energy
LUDIV	Land Use Diversity	The calculation of this measurement uses the Simpson Index of Diversity, which measures the variety and evenness of different groups. A higher number in this measure reflects both a higher number of land use types in each area and a more balanced number of properties among them. Parcels are categorized as: agricultural, residential, commercial, recreation, industrial, community services, public services (utilities), wild and forested lands. A measure of 1 would mean each of the possible types of land use is present and that there is an equal number of each. A measure of 0 would mean only one type is present.	Simpson Index of Diversity	Block Group	2020	Durham County Tax Administration

(continued)

Abbreviations	Full Name	Meaning	Unit	Data Level	Last Updated	Source
REDIV	Race/Ethnic Diversity	The calculation of this measurement uses the Simpson Index of Diversity, which measures the variety and evenness of different groups. The component numbers for this measure are blockgroup counts of White (not Hispanic), Black or African American (not Hispanic), Asian (not Hispanic), Hispanic or Latino/a, Two or More Races (not Hispanic), and Other (not Hispanic). A higher number in this measure reflects both a higher number of race/ethnicity categories present and more people of each identity present. A diversity measurement of 1 would mean all race and ethnicity identities are present and equally represented, while a measure of 0 would indicate only one race or ethnicity is present.	Simpson Index of Diversity	Block Group	2021	U.S. Decennial Census, 2010
RESIDENTIAL-SALE-PRICE	Median Sale Price	We calculate median home price as the median sale price for single-family residential properties over a three year period, centered on the metric year, for time periods with more than five sales total. For example, for the year 2019, the metric value will be the median sale price for any residential sales which occurred between Jan 1, 2018 and Dec 31, 2020. If there were five or fewer sales during that time period within the selected census area, the metric value will show no data. We count as a sale any qualified real estate transaction with a non-zero sale price. This metric excludes, for example, foreclosure sales, sales between related parties, and multi-parcel sales. It only includes single-family residential properties.	\$	Block Group	2020	Durham County Tax Administration

(continued)

Abbreviations	Full Name	Meaning	Unit	Data Level	Last Updated	Source
RES-SALE-PRICE-SQFT	Median Sale Price per Square Foot	We calculate median home price as the median sale price per heated square foot for single-family residential properties over a three year period, centered on the metric year, for time periods with more than five sales total. For example, for the year 2019, the metric value will be the median sale price for any residential sales which occurred between Jan 1, 2018 and Dec 31, 2020. If there were five or fewer sales during that time period within the selected census area, the metric value will show no data. We count as a sale any qualified real estate transaction with a non-zero sale price. This metric excludes, for example, foreclosure sales, sales between related parties, and multi-parcel sales. It only includes single-family residential properties.	\$	Block Group	2020	Durham County Tax Administration
VCODE	Automotive Code Violations	The number of automotive code violations divided by the square miles of each blockgroup that lie within the City boundary. This measurement includes abandoned and hazardous, as well as junked vehicle violations. It excludes calls found to be not in violation. This measurement reflects a City-only service and parts of Durham County are not represented by this data.	Violations per Square Mile	Block Group	2022	City of Durham Neighborhood Improvement Services
MEAN-RPMT	Average Residential Building Permit Value	The average value of residential building permits for each boundary. These permits include new construction as well as renovations and exclude demolitions. As with the value of permits when normalized by square miles, the average permit values shown here are skewed strongly toward areas of Durham that see substantial private investment in apartment building construction.	\$	Block Group	2020	Durham City/County Inspections Department
CCC	Child Care Centers per Square Mile	This measure includes both child care centers and family child care homes which are licensed by the state of North Carolina's Division of Child Care and Early Development. It does not include unlicensed locations. Data is collected each year in April and reflects a snapshot of the calendar year's licensed centers.	Centers per Square Mile	Block Group	2022	NC Division of Child Care and Early Development

(continued)

Abbreviations	Full Name	Meaning	Unit	Data Level	Last Updated	Source
CC45	Child Care Centers with 4 or 5 Star Ratings	This measure includes both child care centers and family child care homes which are licensed by the state of North Carolina's Division of Child Care and Early Development. It does not include unlicensed locations. Data is collected each year in April and reflects a snapshot of the calendar year's licensed centers.	%	Block Group	2022	NC Division of Child Care and Early Development
CKD_ TOTAL	Chronic Kidney Disease Rate (Adult Population)	These chronic kidney disease rates are based on health care visits documented in this combined dataset, including a total of 169,115 adults of a countywide total of 245,572 (2017). Rates selected for inclusion in this site are those matching CDC guidelines as reported by Duke Health.	%	Census Tract	2019	Duke Health and Lincoln Community Health Center
CKD_ ASIAN	Chronic Kidney Disease Rate (Asian Population)	These chronic kidney disease rates are based on health care visits documented in this combined dataset, including a total of 169,115 adults of a countywide total of 245,572 (2017). Rates selected for inclusion in this site are those matching CDC guidelines as reported by Duke Health.	%	Census Tract	2019	Duke Health and Lincoln Community Health Center
CKD_ BLACK	Chronic Kidney Disease Rate (Black or African American Population)	These chronic kidney disease rates are based on health care visits documented in this combined dataset, including a total of 169,115 adults of a countywide total of 245,572 (2017). Rates selected for inclusion in this site are those matching CDC guidelines as reported by Duke Health.	%	Census Tract	2019	Duke Health and Lincoln Community Health Center
CKD_ FEMALE	Chronic Kidney Disease Rate (Female)	These chronic kidney disease rates are based on health care visits documented in this combined dataset, including a total of 169,115 adults of a countywide total of 245,572 (2017). Rates selected for inclusion in this site are those matching CDC guidelines as reported by Duke Health.	%	Census Tract	2019	Duke Health and Lincoln Community Health Center

(continued)

Abbreviations	Full Name	Meaning	Unit	Data Level	Last Updated	Source
CKD_ HISPANIC	Chronic Kidney Disease Rate (Hispanic or Latino/a Popula- tion)	These chronic kidney disease rates are based on health care visits documented in this combined dataset, including a total of 169,115 adults of a countywide total of 245,572 (2017). Rates selected for inclusion in this site are those matching CDC guidelines as reported by Duke Health.	%	Census Tract	2019	Duke Health and Lincoln Community Health Center
CKD_ MALE	Chronic Kidney Disease Rate (Male)	These chronic kidney disease rates are based on health care visits documented in this combined dataset, including a total of 169,115 adults of a countywide total of 245,572 (2017). Rates selected for inclusion in this site are those matching CDC guidelines as reported by Duke Health.	%	Census Tract	2019	Duke Health and Lincoln Community Health Center
CKD_ WHITE	Chronic Kidney Disease Rate (White Popula- tion)	These chronic kidney disease rates are based on health care visits documented in this combined dataset, including a total of 169,115 adults of a countywide total of 245,572 (2017). Rates selected for inclusion in this site are those matching CDC guidelines as reported by Duke Health.	%	Census Tract	2019	Duke Health and Lincoln Community Health Center
CPMTS	Commercial Building Permit Values Per Sq Mile	The value of commercial, business, and industrial building permits for each boundary divided by the area (in square miles) of each. These permits include new construction as well as renovations and exclude demolitions.	Permits per Square Mile	Block Group	2020	Durham City/County Inspections Department
COB	Commercial Certifi- cates of Occu- pancy per Sq Mile	COs included here are the following types: business, mercantile, factory industrial, and mixed use commercial. The count of these per neighborhood or blockgroup is divided by the area in square miles within the City/County Inspections districts.	Certificates per Square Mile	Block Group	2020	Durham City/County Inspections Department

(continued)

Abbreviations	Full Name	Meaning	Unit	Data Level	Last Updated	Source
AFTER NOON-COOL-ISLANDS	Afternoon Cool Oases	This metric reports the percentage of area in each census blockgroup or tract which was in the bottom quintile for temperature according to the CAPA heat watch study model. In this case, that equated to temperatures at or below 83 degrees Fahrenheit. The CAPA study modeled temperature between 3-4pm on a typical summer day in degrees Fahrenheit using a random forest machine learning model, trained on data points collected in July 2021 by Durham volunteers and the Museum of Life and Science as part of the CAPA Heat Watch Program.	%	Block Group	2021	CAPA Strategies
EVENING-COOL-ISLANDS	Evening Cool Oases	This metric reports the percentage of area in each census blockgroup or tract which was in the bottom quintile for temperature according to the CAPA heat watch study model. In this case, that equated to temperatures at or below 78.8 degrees Fahrenheit. The CAPA study modeled temperature between 7-8pm on a typical summer day in degrees Fahrenheit using a random forest machine learning model, trained on data points collected in July 2021 by Durham volunteers and the Museum of Life and Science as part of the CAPA Heat Watch Program.	%	Block Group	2021	CAPA Strategies
PRUNSD	Poor or Unsound State of Repair	State of repair for all properties is reported in 5 categories in the Tax Administration's property records. The five categories are good, normal, fair, poor, and unsound. The latter two are defined as follows: poor, showing marked deterioration; unsound, may be unfit for habitation or condemned. For the measure reported here, these two categories are combined.	%	Block Group	2015	Durham County Tax Administration
DIA-BETES_TOTAL	Diabetes Rate (Adult Population)	These type 2 diabetes rates are based on health care visits documented in this combined dataset, including a total of 169,115 adults of a countywide total of 245,572 (2017).	%	Census Tract	2019	Duke Health and Lincoln Community Health Center

(continued)

Abbreviations	Full Name	Meaning	Unit	Data Level	Last Updated	Source
DIA-BETES_ ASIAN	Diabetes Rate (Asian Population)	These type 2 diabetes rates are based on health care visits documented in this combined dataset, including a total of 169,115 adults of a countywide total of 245,572 (2017).	%	Census Tract	2019	Duke Health and Lincoln Community Health Center
DIA-BETES_ BLACK	Diabetes Rate (Black or African American Population)	These type 2 diabetes rates are based on health care visits documented in this combined dataset, including a total of 169,115 adults of a countywide total of 245,572 (2017).	%	Census Tract	2019	Duke Health and Lincoln Community Health Center
DIA-BETES_ FEMALE	Diabetes Rate (Female)	These type 2 diabetes rates are based on health care visits documented in this combined dataset, including a total of 169,115 adults of a countywide total of 245,572 (2017).	%	Census Tract	2019	Duke Health and Lincoln Community Health Center
DIA-BETES_ HISPANIC	Diabetes Rate (Hispanic or Latino/a Population)	These type 2 diabetes rates are based on health care visits documented in this combined dataset, including a total of 169,115 adults of a countywide total of 245,572 (2017).	%	Census Tract	2019	Duke Health and Lincoln Community Health Center
DIA-BETES_ MALE	Diabetes Rate (Male)	These type 2 diabetes rates are based on health care visits documented in this combined dataset, including a total of 169,115 adults of a countywide total of 245,572 (2017).	%	Census Tract	2019	Duke Health and Lincoln Community Health Center
DIA-BETES_ WHITE	Diabetes Rate (White Population)	These type 2 diabetes rates are based on health care visits documented in this combined dataset, including a total of 169,115 adults of a countywide total of 245,572 (2017).	%	Census Tract	2019	Duke Health and Lincoln Community Health Center

(continued)

Abbreviations	Full Name	Meaning	Unit	Data Level	Last Updated	Source
D_SQM	Drug Crimes per Square Mile	Drug-related crimes include all incidents involving drug and paraphernalia manufacturing, distributing, and possession charges. For more detailed Durham crime reporting visit RAIDS Online.	Incidents per Square Mile	Block Group	2016	Durham Police Department and Durham County Sheriff
SUMEJECT	Summary Ejectments Per Square Mile	DataWorks acquires civil process records from the Durham County Sheriff's Department for use at the neighborhood level. These are records of the Sheriff's Department notifications to tenants and do not include any personally-identifiable information. The number of these summary ejectment filings per Census blockgroup is divided by the area of the blockgroup in square miles. NOTE: Summary ejectment counts published here are revised as of May 17, 2019. These counts represent a modest increase across the county per year with the largest change (an additional 203 summary ejectments) in 2013. Among the blockgroups of the county, these new counts vary from previous summaries published here, with 81% of blockgroups seeing less than a 10-count change in any given year. These Compass summaries are now managed within our databases to ensure future stability in counts and reproducibility. To learn more about this change and how we manage evictions data contact tech@dataworks-nc.org.	Evictions per Square Mile	Block Group	2022	Durham County Sheriff's Department

The data included in the following measure reflects active voters only. The Board of Elections codes voters 'inactive' when their most recent address may be inaccurate. Due to the potentially inaccurate addresses of inactive voters, the spatial analysis for 2012 relied only on the active voters. For the 2012 general election, there were 175,721 active voters as compared with 212,654 total registered voters in Durham County. For 2020, this metric uses data from a commercial voter database published by L2 Political, and obtained from the Redistricting Data Hub.

(continued)

Abbreviations	Full Name	Meaning	Unit	Data Level	Last Updated	Source
PTGNRL	General Election Participation	The Board of Elections codes voters 'inactive' when their most recent address may be inaccurate. Due to the potentially inaccurate addresses of inactive voters, the spatial analysis for 2012 relied only on the active voters. For the 2012 general election, there were 175,721 active voters as compared with 212,654 total registered voters in Durham County. For 2020, this metric uses data from a commercial voter database published by L2 Political. For 2020, this data was generated using data from the Redistricting Data Hub.	%	Block Group	2020	Durham County Board of Elections and Redistricting Data Hub
HEART ATTACK_TOTAL	Heart Attack (Adult Population)	Heart attack or MI diagnoses are based on health care visits documented in this combined dataset, including a total of 169,115 adults of a countywide total of 245,572 (2017). Heart attack or MI incidents are those coded as ICD 410.01, 410.11, 410.21, 410.31, 410.41, 410.51, 410.61, 410.71, 410.81, 410.91, I21, I22 and I25.2.	%	Census Tract	2019	Duke Health and Lincoln Community Health Center
HEART ATTACK_BLACK	Heart Attack (Black or African American Population)	Heart attack or MI diagnoses are based on health care visits documented in this combined dataset, including a total of 169,115 adults of a countywide total of 245,572 (2017). Heart attack or MI incidents are those coded as ICD 410.01, 410.11, 410.21, 410.31, 410.41, 410.51, 410.61, 410.71, 410.81, 410.91, I21, I22 and I25.2.	%	Census Tract	2019	Duke Health and Lincoln Community Health Center
HEART ATTACK_FEMALE	Heart Attack (Female)	Heart attack or MI diagnoses are based on health care visits documented in this combined dataset, including a total of 169,115 adults of a countywide total of 245,572 (2017). Heart attack or MI incidents are those coded as ICD 410.01, 410.11, 410.21, 410.31, 410.41, 410.51, 410.61, 410.71, 410.81, 410.91, I21, I22 and I25.2.	%	Census Tract	2019	Duke Health and Lincoln Community Health Center
HEART ATTACK_MALE	Heart Attack (Male)	Heart attack or MI diagnoses are based on health care visits documented in this combined dataset, including a total of 169,115 adults of a countywide total of 245,572 (2017). Heart attack or MI incidents are those coded as ICD 410.01, 410.11, 410.21, 410.31, 410.41, 410.51, 410.61, 410.71, 410.81, 410.91, I21, I22 and I25.2.	%	Census Tract	2019	Duke Health and Lincoln Community Health Center

(continued)

Abbreviations	Full Name	Meaning	Unit	Data Level	Last Updated	Source
HEART ATTACK_ WHITE	Heart Attack (White Popula- tion)	Heart attack or MI diagnoses are based on health care visits documented in this combined dataset, including a total of 169,115 adults of a countywide total of 245,572 (2017). Heart attack or MI incidents are those coded as ICD 410.01, 410.11, 410.21, 410.31, 410.41, 410.51, 410.61, 410.71, 410.81, 410.91, I21, I22 and I25.2.	%	Census Tract	2019	Duke Health and Lincoln Community Health Center
AFTER NOON- HEAT- ISLANDS	Heat Islands (Summer After- noon)	This metric reports the percentage of area in each census blockgroup or tract which was in the top quintile for temperature according to the CAPA heat watch study model. In this case, that equated to temperatures at or above 84.5 degrees Fahrenheit. The CAPA study modeled temperature between 3-4pm on a typical summer day in degrees Fahrenheit using a random forest machine learning model, trained on data points collected in July 2021 by Durham volunteers and the Museum of Life and Science as part of the CAPA Heat Watch Program.	%	Block Group	2021	CAPA Strategies
EVENING- HEAT- ISLANDS	Heat Islands (Summer Evening)	This metric reports the percentage of area in each census blockgroup or tract which was in the top quintile for temperature according to the CAPA heat watch study model. In this case, that equated to temperatures at or above 81.8 degrees Fahrenheit. The CAPA study modeled temperature between 7-8pm on a typical summer day in degrees Fahrenheit using a random forest machine learning model, trained on data points collected in July 2021 by Durham volunteers and the Museum of Life and Science as part of the CAPA Heat Watch Program.	%	Block Group	2021	CAPA Strategies
RESIDEN TIAL- DEMO LITION- PERMITS	Home De- molitions	Demolitions are permitted by the Durham City-County Inspections Department, along with permits for new construction, additions and alterations. The information included here reflects only full demolitions of residential structures. For every year of data available, the number of these for each area on the map is divided by the square mileage of the area to create the rate displayed here.	Demolitio per Square Mile	Block Group	2020	Durham City-County Inspections Department

(continued)

Abbreviations	Full Name	Meaning	Unit	Data Level	Last Updated	Source
PROX-BANK	Households Within Walking Distance to Banks	This measurement includes both commercial bank locations and credit unions. These are identified primarily by North American Industry Classification System (NAICS) codes 52211 and 52213 and then conducting a qualitative scan of additional community businesses. Households are identified in this case as parcels with dwelling units and the 1/4 mile distance is Euclidean, or as-the-crow-flies. The rate is calculated by dividing the number of dwelling units within a 1/4 mile of banks or credit unions by the total number of dwelling units in the blockgroup. Which blockgroup a parcel belongs to is determined by where its centroid is placed.	%	Block Group	2020	City of Durham Transportation, Tax Administration/ City-County GIS
PROXBUS	Households Within Walking Distance to Bus Stops	Households include all residential units, not just residential parcels. Bus stop locations used in this calculation are those active during the spring of each calendar year. Households are identified in this case as parcels with dwelling units and the 1/4 mile distance is Euclidean, or as-the-crow-flies. The rate is calculated by dividing the number of dwelling units within a 1/4 mile of bus stops by the total number of dwelling units in the blockgroup. Which blockgroup a parcel belongs to is determined by where its centroid is placed.	%	Block Group	2018	GoTriangle and City-County GIS
PROXCF	Homes Near Fast Food and Convenience Stores	Fast food and convenience store locations include fast food chains, gas station/convenience stores, dollar stores and pizza places. These are identified first by using North American Industry Classification System (NAICS) codes for convenience stores and fast food in the InfoUSA data set and then conducting a qualitative scan of additional community businesses. Households are identified in this case as parcels with dwelling units and the 1/4 mile distance is Euclidean, or as-the-crow-flies. The rate is calculated by dividing the number of dwelling units within a 1/4 mile of these food retailers by the total number of dwelling units in the blockgroup. Which blockgroup a parcel belongs to is determined by where its centroid is placed.	%	Block Group	2018	City of Durham Transportation, DataWorks NC

(continued)

Abbreviations	Full Name	Meaning	Unit	Data Level	Last Updated	Source
PROXGR	Households Within Walking Distance to Full Service Grocers	Full service grocers include chain grocery stores and independent full-service stores but do not include farmers' markets. Full service grocers are identified primarily by North American Industry Classification System (NAICS) code 44511 and then conducting a qualitative scan of additional community businesses. Households are identified in this case as parcels with dwelling units and the 1/4 mile distance is Euclidean, or as-the-crow-flies. The rate is calculated by dividing the number of dwelling units within a 1/4 mile of grocers by the total number of dwelling units in the blockgroup. Which blockgroup a parcel belongs to is determined by where its centroid is placed.	%	Block Group	2018	City of Durham Transportation, DataWorks NC
CLINIC	Households Within Walking Distance to Health Clinics	Clinic locations are current as of May 2018 and sourced from the Durham County Social Services Department, Lincoln Community Health and Duke Division of Community Health. Households are identified in this case as parcels with dwelling units and the 1/4 mile distance is Euclidean, or as-the-crow-flies. The rate is calculated by dividing the number of dwelling units within a 1/4 mile of health clinics by the total number of dwelling units in the blockgroup.	%	Block Group	2018	Durham County Social Services, Lincoln Community Health Center, Duke Division of Community Health, Durham County Tax Administration, and City-County Planning

(continued)

Abbreviations	Full Name	Meaning	Unit	Data Level	Last Updated	Source
PROXPH	Households Within Walking Distance to Pharmacies	Pharmacies include traditional storefront locations of independent and chain drug stores, as well as big-box retail locations. These are identified primarily by North American Industry Classification System (NAICS) code 44611 and then conducting a qualitative scan of additional community businesses. Households are identified in this case as parcels with dwelling units and the 1/4 mile distance is Euclidean, or as-the-crow-flies. The rate is calculated by dividing the number of dwelling units within a 1/4 mile of pharmacies by the total number of dwelling units in the blockgroup. Which blockgroup a parcel belongs to is determined by where its centroid is placed.	%	Block Group	2020	City of Durham Transportation, Tax Administration/ City-County GIS
RCODE	Minimum Housing Code Violations per Square Mile	The number of minimum housing code violations divided by the square miles of each blockgroup that lie within the City boundary. This measurement includes all minimum housing code violations, excluding calls found to be not in violation. This does include orders to repair, demolish, unsafe structures, and boarded properties.	Violations per Square Mile	Block Group	2022	City of Durham Neighborhood Improvement Services
PCTIMP	Impervious Area	This measurement is derived from the National Land Cover Database (NLCD) 30-meter national dataset. It represents the percent of total land within each block group that is impervious and not covered by tree canopy.	%	Block Group	2019	National Land Cover Database
MEDAGE	Median Age	The age at the midpoint of the population. Half of the population is older than this age, and half is younger.	Years	Block Group	2021	ACS
HMINC	Median Home-buyer Income	Median homebuyer income is reported here in annual nominal dollar values and are therefore comparable to the dollar values reported in median household income and median home price. Records included in this analysis are for originated, owner-occupant mortgages only. Starting with this update (April 2023), prior years of data have been revised to incorporate updates from the Consumer Financial Protection Bureau. The CFPB receives late reporting from lending institutions and revises data retrospectively. Prior Compass updates of this variable continually incorporated each new year's release.	\$	Census Tract	2022	Home Mortgage Disclosure Act Database, Consumer Financial Protection Bureau.

(continued)

Abbreviations	Full Name	Meaning	Unit	Data Level	Last Updated	Source
OUT-OF-STATE-VALUE	Out of State Ownership (all properties)	This dataset is sourced from parcel ownership information acquired from the Durham County Tax Assessor's office and Durham's Open Data Portal. These data show property ownership for each year as of roughly the beginning of the year. This compass variable identifies the percent of total assessed value owned by entities whose mailing address is located in a state other than North Carolina, taken as a percent of total assessed value where the owner has a valid mailing address (excluding, for example, property which has been taken as Right-of-Way). We are missing 2006 data in our dataset, so that year is omitted.		Block Group	2021	Durham County Tax Administration
OUT-OF-STATE-RES-VALUE	Out of State Ownership (residential properties)	This dataset is sourced from parcel ownership information acquired from the Durham County Tax Assessor's office and Durham's Open Data Portal. These data show property ownership for each year as of roughly the beginning of the year. This Compass variable identifies the percent of total residential assessed value owned by entities whose mailing address is located in a state other than North Carolina, taken as a percent of total residential assessed value where the owner has a valid mailing address (excluding, for example, property which has been taken as Right-of-Way). Residential properties are identified as any parcels with a residential land use or with an apartment building. We are missing 2006 data in our dataset, so that year is omitted.		Block Group	2020	Durham County Tax Administration
POPU	Population	This data is from the 2010 and 2020 Decennial Censuses. The Neighborhood Compass will report 100% population counts from the Decennial Census until population estimates for blockgroups and incorporate mid-decade updates from the ACS for Census tracts. This will allow for the best-available data at the sub-county level.	Number of People per Square Mile	Block Group	2021	US Census 2010 and 2020 tract-normalized population data; ACS for years between each decennial Census.

(continued)

Abbreviations	Full Name	Meaning	Unit	Data Level	Last Updated	Source
POPDENS	Population Density	This measurement provides the population per square mile based on the 2010 and 2020 Censuses using blockgroups.	Simpson Index of Diversity	Block Group	2021	U.S. Decennial Census, 2010 and 2020
<p><i>The data included in the following measure reflects active voters only. The Board of Elections codes voters 'inactive' when their most recent address may be inaccurate. Due to the potentially inaccurate addresses of inactive voters, the spatial analysis for 2012 relied only on the active voters. For the 2012 general election, there were 175,721 active voters as compared with 212,654 total registered voters in Durham County. For 2020, this metric uses data from a commercial voter database published by L2 Political, and obtained from the Redistricting Data Hub.</i></p>						
PTPRIM	Primary Election Participation	For 2012, the data included in this measure reflect active voters only. The Board of Elections codes voters 'inactive' when their most recent address may be inaccurate. Due to the potentially inaccurate addresses of inactive voters, this spatial analysis relies only on the active voters. As of January 2014, there were 176,148 active voters out of a total 200,885 registered in Durham County. For 2020, this metric uses data from a commercial voter database published by L2 Political. For 2020, this data was generated using data from the Redistricting Data Hub.	%	Block Group	2020	Durham County Board of Elections
P_SQM	Property Crimes per Square Mile	Property crimes are commonly reported with parts 1 and 2 separate. This measurement is different, including all part 1 property crimes and these part 2 crimes: fraud, forgery, embezzlement, counterfeiting, stolen property and vandalism. The number of property crimes occurring in each boundary is divided by the area (in square miles) of the boundary, rather than the population. This is intended to control for how crime often happens in areas that are less populated. For more detailed Durham crime reporting visit RAIDS Online.	Incidents per Square Mile	Block Group	2016	Durham Police Department and Durham County Sheriff
RPMTS	Residential Building Permit Value Per Sq Mile	The value of residential building permits for each boundary divided by the area (in square miles) of each. These permits include new construction as well as renovations and exclude demolitions. Even when normalized by square miles, as these numbers are, strong outliers skew the data. Some areas of Durham receive tremendous amounts of housing investment as private apartment development continues near downtown.	Permit Value per Square Mile	Block Group	2020	Durham City/County Inspections Department

(continued)

Abbreviations	Full Name	Meaning	Unit	Data Level	Last Updated	Source
COR	Residential Certificates of Occupancy per Sq Mile	COs included here are the following types: residential, single family, townhouse, condominium, duplex, manufactured homes, and mixed-use residential. The count of these per neighborhood or blockgroup is divided by the area in square miles within the City/County Inspections districts.	Certificate per Square Mile	Block Group	2020	Durham City/County Inspections Department
SWTORD	Sidewalks to Roadways	The intention of this measurement is to indicate how well neighborhood roads serve pedestrians. Pedestrian or bike paths not adjacent to roadways are not among the sidewalks counted here. Areas reporting 'N/A' are outside City limits and do not contain annexed communities - the City does not maintain or build sidewalks in those areas.	%	Block Group	2016	City of Durham Public Works and Transportation
STROKE_TOTAL	Stroke (Adult Population)	These stroke rates are based on health care visits documented in this combined dataset, including a total of 169,115 adults of a countywide total of 245,572 (2017).	%	Block Group	2019	Duke Health and Lincoln Community Health Center
STROKE_BLACK	Stroke (Black or African American Population)	These stroke rates are based on health care visits documented in this combined dataset, including a total of 169,115 adults of a countywide total of 245,572 (2017).	%	Census Tract	2019	Duke Health and Lincoln Community Health Center
STROKE_FEMALE	Stroke (Female)	These stroke rates are based on health care visits documented in this combined dataset, including a total of 169,115 adults of a countywide total of 245,572 (2017).	%	Census Tract	2019	Duke Health and Lincoln Community Health Center
STROKE_MALE	Stroke (Male)	These stroke rates are based on health care visits documented in this combined dataset, including a total of 169,115 adults of a countywide total of 245,572 (2017).	%	Census Tract	2019	Duke Health and Lincoln Community Health Center

(continued)

Abbreviations	Full Name	Meaning	Unit	Data Level	Last Updated	Source
STROKE_ WHITE	Stroke (White Popula- tion)	These stroke rates are based on health care visits documented in this combined dataset, including a total of 169,115 adults of a countywide total of 245,572 (2017).	%	Census Tract	2019	Duke Health and Lincoln Community Health Center
AFTER NOON- TEMP ERATURE	Summer Afternoon Tempera- ture	This metric reports the average modeled temperature between 3-4pm on a typical summer day in degrees Fahrenheit across each blockgroup or tract. The temperatures were modeled using a random forest machine learning model, trained on data points collected in July 2021 by Durham volunteers and the Museum of Life and Science as part of the CAPA Heat Watch Program.	Degrees Fahren- heit	Block Group	2021	CAPA Strategies
EVENING- TEMP ERATURE	Summer Evening Tempera- ture	This metric reports the average modeled temperature between 7-8pm on a typical summer day in degrees Fahrenheit across each blockgroup or tract. The temperatures were modeled using a random forest machine learning model, trained on data points collected in July 2021 by Durham volunteers and the Museum of Life and Science as part of the CAPA Heat Watch Program.	Degrees Fahren- heit	Block Group	2021	CAPA Strategies
REVAL	Percent Change in Residen- tial Property Values	Data here show the median rate of tax value change for each residential parcel in the blockgroup. Half the residential properties in each blockgroup changed at a rate higher than that shown and half at a rate lower than that shown.	%	Block Group	2019	Durham County Tax Administra- tion
PCTTREE	Tree Coverage	This measurement is derived from the National Land Cover Database (NLCD) 30-meter national dataset. It represents the percent of total land cover within each block group that is tree canopy, whether in forests, along streets, or individual trees.	%	Block Group	2016	Environmental Protection Agency, EnviroAtlas

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Abbreviations	Full Name	Meaning	Unit	Data Level	Last Updated	Source
WCODE	Unmaintained Property Violations per Sq Mile	The number of unmaintained property violations divided by the square miles of each blockgroup that lie within the City boundary. This measurement includes all unmaintained property ('weedy lot') violations, not including calls found to be not in violation or those involving commercial properties. This measurement, along with residential building code violations and abandoned, hazardous or junked vehicles reflect a City-only service and parts of Durham County are not represented by this data.	Violations per Square Mile	Block Group	2022	City of Durham Neighborhood Improvement Services
V_SQM	Violent Crimes per Square Mile	The violent crimes per square mile metric shows the average number of arrests per square mile for violent crimes by the City of Durham Police. Reported violent crimes include simple assaults, certain sex offenses, child abuse and kidnapping. The number of property crimes occurring in each boundary is divided by the area (in square miles) of the boundary, rather than the population. This is intended to control for how crime often happens in areas that are less populated.	Incidents per Square Mile	Block Group	2016	Durham Police Department and Durham County Sheriff
PTASNL	Asian	The percent of the total population reporting their race to be Asian and ethnicity as not Latino or Hispanic.	%	Block Group	2021	US Census 2010 and 2020 tract-normalized population data; ACS for years between each decennial Census.

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Abbreviations	Full Name	Meaning	Unit	Data Level	Last Updated	Source
PTBLKNL	Black or African American	The percent of the total population reporting their race to be Black or African American and ethnicity as not Latino or Hispanic.	%	Block Group	2021	US Census 2010 and 2020 tract-normalized population data; ACS for years between each decennial Census.
BIKEWK	Commuting to Work by Bicycle	As with all measurements from the American Community Survey in the Neighborhood Compass, this data represents 5 years' worth of surveying. With each annual update, the 5-year period advances by dropping one year and incorporating the next. For this reason, annual releases of this measurement are not suitable for true time series comparison until no overlap exists among the survey periods.	%	Block Group	2021	ACS
MED-GRENT	Median Gross Rent	The median gross rent is at the midpoint of all rent costs for each neighborhood. Half of the rental units in this Census tract cost more and half cost less. Gross rent includes the contract rent plus estimated monthly costs of utilities and heating fuels if these are paid for by the renter (ACS).	\$	Block Group	2021	ACS
UNFOWN	Cost-Burdened Mortgage Holders	This includes selected monthly ownership costs such as mortgage or similar debts, taxes, insurance, utilities, and condo or homeowners fees.	%	Block Group	2022	ACS
UNFRENT	Cost-Burdened Renters	Gross rent as a percentage of household income is a computed ratio of monthly gross rent to monthly household income.	%	Block Group	2022	ACS

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Abbreviations	Full Name	Meaning	Unit	Data Level	Last Updated	Source
PTLAT	Hispanic/Latino	The percent of the total population reporting their ethnicity to be Latino or Hispanic.	%	Block Group	2021	US Census 2010 and 2020 tract-normalized population data; ACS for years between each decennial Census.
PTAIAN	Indigenous Population	The Census Bureau categorizes respondents' race into one of 6 racial categories, one of which is "American Indian and Alaska Native," or AIAN. The census labels people's race as AIAN when they meet the definition of "a person having origins in any of the original peoples of North and South America (including Central America) and who maintains tribal affiliation or community attachment."	%	Block Group	2021	US Census 2010 and 2020 tract-normalized population data; ACS for years between each decennial Census.
PCTC30	Commuting 30 Minutes or More	This data includes all those commuting to the workplace, whether in personal vehicles, bicycles, walking or by public transit. As of 2010, the Durham County mean commuting time was 21.7 minutes.	%	Block Group	2021	ACS
MEDINC	Median Household Income	The household income at the midpoint of all households. Half of the households in this Census tract earn a higher annual income and half earn a lower annual income.	\$	Census Tract	2022	US Census 2010 and 2020 tract-normalized population data; ACS for years between each decennial Census.

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Abbreviations	Full Name	Meaning	Unit	Data Level	Last Updated	Source
MEDINC-BLACK	Median Household Income (Black Households)	This metric value shows the household income at the midpoint of all households with householders who were identified as Black by the census. In most cases, the householder is the person or one of the people in whose name the home is owned, being bought, or rented. Within each census area, half of the households with Black householders earn an annual income that's greater than the median, and half earn an annual income lower than the median.	\$	Census Tract	2022	US Census 2010 and 2020 tract-normalized population data; ACS for years between each decennial Census.
MEDINC-HISPANIC	Median Household Income (Hispanic or Latina/o Households)	This metric value shows the household income at the midpoint of all households with householders who were identified as Hispanic or Latino/a by the census. In most cases, the householder is the person or one of the people in whose name the home is owned, being bought, or rented. Within each census area, half of the households with Hispanic or Latino/a householders earn an annual income that's greater than the median, and half earn an annual income lower than the median.	\$	Census Tract	2022	US Census 2010 and 2020 tract-normalized population data; ACS for years between each decennial Census.
MEDINC-WHITE	Median Household Income (White Households)	This metric value shows the household income at the midpoint of all households identified as white (and not Latinx) by the US Census. In most cases, the householder is the person or one of the people in whose name the home is owned, being bought, or rented. Within each census area, half of the households with white householders earn an annual income that's greater than the median, and half earn an annual income lower than the median.	\$	Census Tract	2022	US Census 2010 and 2020 tract-normalized population data; ACS for years between each decennial Census.

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Abbreviations	Full Name	Meaning	Unit	Data Level	Last Updated	Source
PTPOC	People of Color	The percent of the total population reporting their race on the census as non-white and/or their ethnicity to be Hispanic or Latino.	%	Block Group	2021	US Census 2010 and 2020 tract-normalized population data; ACS for years between each decennial Census.
PCI	Per Capita Income	Average obtained by dividing aggregate income by total population of an area. These amounts are inflation-adjusted for 2011.	\$	Block Group	2022	ACS
BACH	Percent of Adults with a Bachelors Degree or More	Along with other tract data from US 2020 Census included here, this measure is derived from 1970-2020 US Census Bureau surveys for 2020-normalized Census tract boundaries.	%	Census Tract	2021	US Census 2010 and 2020 tract-normalized population data; ACS for years between each decennial Census.
EDUCATION-HEALTH-CARE-SOCIAL-SERVICE-WORKERS	Percent of Workers in Educational, Health Care and Social Assistance Services	These estimates refer to the civilian employed population 16 years and over who are working in these sectors: educational services, and health care and social assistance.	%	Census Tract	2018	ACS

(continued)

Abbreviations	Full Name	Meaning	Unit	Data Level	Last Updated	Source
ACCOMM ODATION- WORKERS	Percent of Workers in the Arts, Entertain- ment, Recre- ation, and Accommo- dation & Food Services	These estimates refer to the civilian employed population 16 years and over who are working in these sectors: arts, entertainment, and recreation, and accommodation and food services.	%	Census Tract	2019	ACS
RETAIL- WORKERS	Percent of Workers in the Retail Trade Industry	These estimates refer to the civilian employed population 16 years and over who are working in these sectors: retail trade.	%	Census Tract	2018	ACS
PCTRENT	Renter- Occupied Housing	All occupied units which are not owner occupied, whether they are rented for cash rent or occupied without payment of cash rent, are classified as renter-occupied. Renter-occupied status also applies to units in continuing care arrangements, such as assisted living.	%	Block Group	2022	ACS
PT65UP	Retirement- Age Popula- tion	The percent of population 65 years of age and older is calculated using the same Decennial Census counts of population as those used for total population, population density, and race and ethnicity. The population 65 years and older is divided by the total population for each blockgroup.	%	Block Group	2021	US Census 2010 and 2020 tract- normalized population data; ACS for years between each decennial Census.

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Abbreviations	Full Name	Meaning	Unit	Data Level	Last Updated	Source
DRALONE	Single-Occupancy Commuters	This data indicates the percentage of surveyed residents who commute by driving a personal vehicle such as a car, truck or van with no additional passengers.	%	Census Tract	2021	ACS
PCTSSI	Supplemental Security Income	Supplemental Security Income (SSI) is a nationwide U.S. assistance program administered by the Social Security Administration that guarantees a minimum level of income for aged, blind, or disabled individuals.	%	Census Tract	2021	ACS
BUSWK	Taking Public Transportation to Work	"Public transportation" in this national data set refers to buses, trolleys, streetcars, subways and el trains, railroads, or ferryboats.		Census Tract	2019	ACS
WLKWK	Walking to Work	Unclear/Not specified on DataWorks's Website.	%	Census Tract	2021	ACS
PTWHNL	White or Caucasian	The percent of the total population reporting their race to be White and ethnicity as not Latino or Hispanic.	%	Block Group	2021	US Census 2010 and 2020 tract-normalized population data; ACS for years between each decennial Census.
WKHOME	Working from Home	Unclear/Not specified on DataWorks's Website	%	Census Tract	2021	ACS

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Abbreviations	Full Name	Meaning	Unit	Data Level	Last Updated	Source
PTUND18	Youth Population	The percent of population under 18 years of age is calculated using the same Decennial Census counts of population as those used for total population, population density, and race and ethnicity. The population under 18 years of age is divided by the total population for each blockgroup.	%	Block Group	2021	U.S. Decennial Census

These measures are from the LODES Dataset. Please note that there is one possible prefix before each variable, indicating that the measure is from the WAC or RAC data set, and one possible post-fix indicating the year of the measure. For example, rac_NumJobs_-1250_02 indicates the number of jobs by the census block where the employee lives that pay \$1250/month or less for 2002. There are no error/confidence values for this dataset. Residence Area Characteristics (RAC) is the total number of jobs by the census block where the employee lives. Workplace Area Characteristics (WAC) is the total number of jobs by the census block where the employee works.

TotNum _Jobs	NA	Total number of jobs	Number of Jobs	Census Tract	2019	LODES
NumJobs _<29	NA	Number of jobs for workers age 29 or younger	Number of Jobs	Census Tract	2019	LODES
NumJobs _30-54	NA	Number of jobs for workers age 30 to 54	Number of Jobs	Census Tract	2019	LODES
NumJobs _55+	NA	Number of jobs for workers age 55 or older	Number of Jobs	Census Tract	2019	LODES
NumJobs _<1250	NA	Number of jobs with earnings \$1250/month or less	Number of Jobs	Census Tract	2019	LODES
NumJobs _1251-3333	NA	Number of jobs with earnings \$1251/month to \$3333/month	Number of Jobs	Census Tract	2019	LODES
NumJobs _3333+	NA	Number of jobs with earnings greater than \$3333/month	Number of Jobs	Census Tract	2019	LODES
NumJobs _AFFH	NA	Number of jobs in NAICS sector 11 (Agriculture, Forestry, Fishing and Hunting)	Number of Jobs	Census Tract	2019	LODES
NumJobs _MQOG	NA	Number of jobs in NAICS sector 21 (Mining, Quarrying, and Oil and Gas Extraction)	Number of Jobs	Census Tract	2019	LODES

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Abbreviations	Full Name	Meaning	Unit	Data Level	Last Updated	Source
NumJobs _Util	NA	Number of jobs in NAICS sector 22 (Utilities)	Number of Jobs	Census Tract	2019	LODES
NumJobs _Const	NA	Number of jobs in NAICS sector 23 (Construction)	Number of Jobs	Census Tract	2019	LODES
NumJobs _Manuf	NA	Number of jobs in NAICS sector 31-33 (Manufacturing)	Number of Jobs	Census Tract	2019	LODES
NumJobs _WSale	NA	Number of jobs in NAICS sector 42 (Wholesale Trade)	Number of Jobs	Census Tract	2019	LODES
NumJobs _RSale	NA	Number of jobs in NAICS sector 44-45 (Retail Trade)	Number of Jobs	Census Tract	2019	LODES
NumJobs _TrWa	NA	Number of jobs in NAICS sector 48-49 (Transportation and Warehousing)	Number of Jobs	Census Tract	2019	LODES
NumJobs _Info	NA	Number of jobs in NAICS sector 51 (Information)	Number of Jobs	Census Tract	2019	LODES
NumJobs _FinIns	NA	Number of jobs in NAICS sector 52 (Finance and Insurance)	Number of Jobs	Census Tract	2019	LODES
NumJobs _RERL	NA	Number of jobs in NAICS sector 53 (Real Estate and Rental and Leasing)	Number of Jobs	Census Tract	2019	LODES
NumJobs _PSTS	NA	Number of jobs in NAICS sector 54 (Professional, Scientific, and Technical Services)	Number of Jobs	Census Tract	2019	LODES
NumJobs _Mgmt	NA	Number of jobs in NAICS sector 55 (Management of Companies and Enterprises)	Number of Jobs	Census Tract	2019	LODES
NumJobs _ASWSR	NA	Number of jobs in NAICS sector 56 (Administrative and Support and Waste Management and Remediation Services)	Number of Jobs	Census Tract	2019	LODES
NumJobs _Edu	NA	Number of jobs in NAICS sector 61 (Educational Services)	Number of Jobs	Census Tract	2019	LODES
NumJobs _HlthSA	NA	Number of jobs in NAICS sector 62 (Health Care and Social Assistance)	Number of Jobs	Census Tract	2019	LODES

(continued)

Abbreviations	Full Name	Meaning	Unit	Data Level	Last Updated	Source
NumJobs _AER	NA	Number of jobs in NAICS sector 71 (Arts, Entertainment, and Recreation)	Number of Jobs	Census Tract	2019	LODES
NumJobs _AFS	NA	Number of jobs in NAICS sector 72 (Accommodation and Food Services)	Number of Jobs	Census Tract	2019	LODES
NumJobs _Other	NA	Number of jobs in NAICS sector 81 (Other Services [except Public Administration])	Number of Jobs	Census Tract	2019	LODES
NumJobs _PA	NA	Number of jobs in NAICS sector 92 (Public Administration)	Number of Jobs	Census Tract	2019	LODES
NumJobs _White	NA	Number of jobs for workers with Race: White, Alone	Number of Jobs	Census Tract	2019	LODES
NumJobs _BAA	NA	Number of jobs for workers with Race: Black or African American Alone	Number of Jobs	Census Tract	2019	LODES
NumJobs _AIAN	NA	Number of jobs for workers with Race: American Indian or Alaska Native Alone	Number of Jobs	Census Tract	2019	LODES
NumJobs _Asian	NA	Number of jobs for workers with Race: Asian Alone	Number of Jobs	Census Tract	2019	LODES
NumJobs _NHPI	NA	Number of jobs for workers with Race: Native Hawaiian or Other Pacific Islander	Number of Jobs	Census Tract	2019	LODES
NumJobs _Two	NA	Number of jobs for workers with Race: Two or More Race Groups	Number of Jobs	Census Tract	2019	LODES
NumJobs _NotHL	NA	Number of jobs for workers with Ethnicity: Not Hispanic or Latino	Number of Jobs	Census Tract	2019	LODES
NumJobs _HL	NA	Number of jobs for workers with Ethnicity: Hispanic or Latino	Number of Jobs	Census Tract	2019	LODES
NumJobs _<HS	NA	Number of jobs for workers with Educational Attainment: Less than high school	Number of Jobs	Census Tract	2019	LODES
NumJobs _HS	NA	Number of jobs for workers with Educational Attainment: High school or equivalent	Number of Jobs	Census Tract	2019	LODES

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Abbreviations	Full Name	Meaning	Unit	Data Level	Last Updated	Source
NumJobs _SomeCollege	NA	Number of jobs for workers with Educational Attainment: Some college or Associate	Number of Jobs	Census Tract	2019	LODES
NumJobs _BachDegree+	NA	Number of jobs for workers with Educational Attainment: Bachelor's degree or advanced degree	Number of Jobs	Census Tract	2019	LODES
NumJobs _Male	NA	Number of jobs for workers with Sex: Male	Number of Jobs	Census Tract	2019	LODES
NumJobs _Female	NA	Number of jobs for workers with Sex: Female	Number of Jobs	Census Tract	2019	LODES
NumJobs _FirmAge _<1	NA	Number of jobs for workers at firms with Firm Age: 0-1 Years	Number of Jobs	Census Tract	2019	LODES
NumJobs _FirmAge _2-3	NA	Number of jobs for workers at firms with Firm Age: 2-3 Years	Number of Jobs	Census Tract	2019	LODES
NumJobs _FirmAge _4-5	NA	Number of jobs for workers at firms with Firm Age: 4-5 Years	Number of Jobs	Census Tract	2019	LODES
NumJobs _FirmAge _6-10	NA	Number of jobs for workers at firms with Firm Age: 6-10 Years	Number of Jobs	Census Tract	2019	LODES
NumJobs _FirmAge _11+	NA	Number of jobs for workers at firms with Firm Age: 11+ Years	Number of Jobs	Census Tract	2019	LODES
NumJobs _FirmSize _<19	NA	Number of jobs for workers at firms with Firm Size: 0-19 Employees	Number of Jobs	Census Tract	2019	LODES
NumJobs _FirmSize _20-49	NA	Number of jobs for workers at firms with Firm Size: 20-49 Employees	Number of Jobs	Census Tract	2019	LODES

(continued)

Abbreviations	Full Name	Meaning	Unit	Data Level	Last Updated	Source
NumJobs _FirmSize _50-249	NA	Number of jobs for workers at firms with Firm Size: 50-249 Employees	Number of Jobs	Census Tract	2019	LODES
NumJobs _FirmSize _250-499	NA	Number of jobs for workers at firms with Firm Size: 250-499 Employees	Number of Jobs	Census Tract	2019	LODES
NumJobs _FirmSize _500+	NA	Number of jobs for workers at firms with Firm Size: 500+ Employees	Number of Jobs	Census Tract	2019	LODES