## **Dashboard Data Sources and Methodologies**

Popul	lation
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Chart	Data Years	Source	Methodology Notes	State	CBSA	County	Place	Tract
		American Community						
Population	2011 - 2021	Survey, 5-Year - Decennial						
		Population Count American Community						
Comparative Population Growth	2011 - 2021	Survey, 5-Year - Table						
' '								
		B01003 American Community						
Comparative Median Income	2011 - 2021	Survey, 5-Year - Table						
		B19013						
		B19013 American Community						
Household Racial Composition	2021	Survey, 5-Year - Table						
		B11001A American Community						
		American Community						
Homeownership Rate by Race/Ethnicity	2021	Survey, 5-Year - Table						
		B25003A						
	2011, 2016,	American Community						
Households by Tenure	2021	Survey, 5-Year - Table						
	2021	B25003						
		American Community						
Family Poverty Rate	2011 - 2021	Survey, 5-Year - Table						
		B17013						
		American Community						
Households by Income	2021	Survey, 5-Year - Table						
		B19001						
		American Community						
Educational Attainment	2012, 2021	Survey, 5-Year - Table						
		B15003						
Households Without Access to		American Community						
Broadband	2017 - 2021	Survey, 5-Year - Table						
Broadband		B28002						

Housing Supply								
Chart	Data Years	Source	Methodology Notes	State	CBSA	County	Place	Tract
Units by Building Typology	2011, 2016, 2021	American Community Survey (ACS), 5-Year - Table B25024						
Vacancy Status	2021	American Community Survey, 5-Year - Table B25004	"Other Vacant" units include units currently vacant due to foreclosure, personal reasons, legal proceedings, preparing to rent/sell, storage, needs repairs, current repairs, extended absence, or abandoned/possibly condemned.					
Change in Vacant and Available Units	2011 - 2021	American Community Survey (ACS) - Table B25004, US Census Bureau	Vacant and available units are units coded as 'for rent' or 'for sale' in ACS Table B25004.					
Housing Starts by Year (Buildings and Units)	2011 - 2021	Building Permit Survey, US Census Bureau						
Units Built Per 1,000 Jobs Created, 10 - Year Average	2011 - 2021 (10-Year Average)	Calculated based on data from Bureau of Labor Statistics (BLS); Building Permit Survey, US Census Bureau; and HR&A Analysis	Net new Jobs through Local Area Unemployment Statistics (LAUS) for Building Permits as a ratio of total units permitted from the Building Permits Survey (US Census Bureau).					
Units by Decade Built	2021	American Comunity Survey 5-Year Public Use Microdata Sample (PUMS) Raw Data						

Rental Affordability								
Chart	Data Years	Source	Methodology Notes	State	CBSA	County	Place	Tract
		American Comunity Survey						
Cost Durdon by Cobort	2021	5-Year Public Use	Cost burden defined as housing costs					
Cost Burden by Cohort	2021	Microdata Sample (PUMS)	exceeding 30% of household income.					
		Raw Data						
		American Comunity Survey						
Dontal Units by Duilding Typology	2021	5-Year Public Use						
Rental Units by Building Typology	2021	Microdata Sample (PUMS)						
		Raw Data						
		American Community						
Median Rent	2011 - 2021	Survey, 5-Year - Table						
		B25064 and Zillow						
		American Comunity Survey						
Davida Cast Davida a Datas	2016, 2021	5-Year Public Use	Cost burden defined as housing costs					
Renter Cost Burden Rates		Microdata Sample (PUMS)	exceeding 30% of household income.					
		Raw Data						
	2024	American Comunity Survey						
Dantey Coat Dunder Dates built as as		5-Year Public Use	Cost burden defined as housing costs					
Renter Cost Burden Rates by Income	2021	Microdata Sample (PUMS)	exceeding 30% of household income.					
		Raw Data						
		American Comunity Survey						
Dantar Cost Burdon by Daca/Ethnicity	2021	5-Year Public Use	Cost burden defined as housing costs					
Renter Cost Burden by Race/Ethnicity	2021	Microdata Sample (PUMS)	exceeding 30% of household income.					
		Raw Data						
			"Unrestricted" units defined as					
			affordable at market-rate. Homes are					
		American Comunity Survey	considered affordable if the total					
Share of Rental Units by Affordability or	2021	5-Year Public Use	monthly payment does not exceed					
Deed Restriction	2021	Microdata Sample (PUMS)	30% of gross household pre-tax					
		Raw Data, HUD User 2021	income (as defined by Housing and					
			Urban Development). AMI categories					
			come from HUD User 2021.					

Rental Affordability								
Chart	Data Years	Source	Methodology Notes	State	CBSA	County	Place	Tract
Affordable Units Available by Income Group	2021		Affordable rent is considered to be 30% of gross pre-tax income, as per Housing and Urban Development (HUD). Calculation does not currently					
		B23116 dilu B23003	include utility costs.					
Median Rent vs. Affordable Rent	2011 - 2021	based on data from Zillow Research Housing Data and	Affordable rent is considered to be 30% of gross pre-tax income, as per Housing and Urban Development (HUD). Calculation does not currently include utility costs.					
Evictions (County Only)	2021 - 2022	Indiana Courts System, IHCDA Access						

Jobs								
Chart	Data Years	Source	Methodology Notes	State	CBSA	County	Place	Tract
Unemployment Rate	2010 - 2022	Bureau of Labor Statistics. Local Area Unemployment Statistics (LAUS), Not Seasonally Adjusted. Series pulled from BLS LAUS One- Screen Data Search; Statewide Code LAUST, CBSA Codes LAUMT, County Codes LAUCN.						
Total Employment	2010 - 2022	Bureau of Labor Statistics. Local Area Unemployment Statistics (LAUS), Not Seasonally Adjusted. Series pulled from BLS LAUS One- Screen Data Search; Statewide Code LAUST, CBSA Codes LAUMT, County Codes LAUCN.						
Median Earnings by Educational Attainment	2021	American Community Survey, 5-Year - Table B20004						
Median Wage for Top 5 Occupations	2022	Bureau of Labor Statistics Quarterly Census of Employment and Wages (QCEW) - May 2022 Data Tables (All Data)	Occupations sorted by total employment.					
Income Required to Afford Median Rent	2011 - 2021	Zillow, American Community Survey, 5-Year - Tables B25064 and B20004	Affordable rent is considered to be 30% of gross pre-tax income, as per Housing and Urban Development (HUD) Standards.					

Homeownership								
Chart	Data Years	Source	Methodology Notes	State	CBSA	County	Place	Tract
Comparative Homeownership Rate	2011 - 2021	American Community Survey, 5-Year - Table B25003						
Median Home Values	2011 - 2022	Zillow Research, Zillow Home Value Index, All Homes Time Series						
Home Value Supportable by Median Household	2011 - 2021	HR&A Analysis calculated based on data from Zillow Research Housing Data and American Community Survey (ACS) 5-Year - Table B19013, US Census Bureau, Lincoln Land Institute Property Tax Rates.	Homes are considered affordable if the total monthly payment does not exceed 30% of gross household pretax income (as defined by Housing and Urban Development). Total monthly payment was calculated using prevailing mortgage rates and average state-wide property tax estimates.					
Number of Listings	2018 - 2023	Zillow Research, Zillow List and Sale Price						
Owner Cost Burden by Household Income	2021	American Comunity Survey 5-Year Public Use Microdata Sample (PUMS) Raw Data	Cost burden defined as housing costs exceeding 30% of household income.					
Owner Cost Burden by Race/Ethnicity	2021	American Comunity Survey 5-Year Public Use Microdata Sample (PUMS) Raw Data	Cost burden defined as housing costs exceeding 30% of household income.					
Percentage of Senior Owners Who Are Cost Burdened	2016 - 2021	American Comunity Survey 5-Year Public Use Microdata Sample (PUMS) Raw Data	Cost burden defined as housing costs exceeding 30% of household income.					
Foreclosures Filed (County Only)	2021 - 2022	Indiana Courts System, IHCDA Access						