KYOSA Data Explorer:
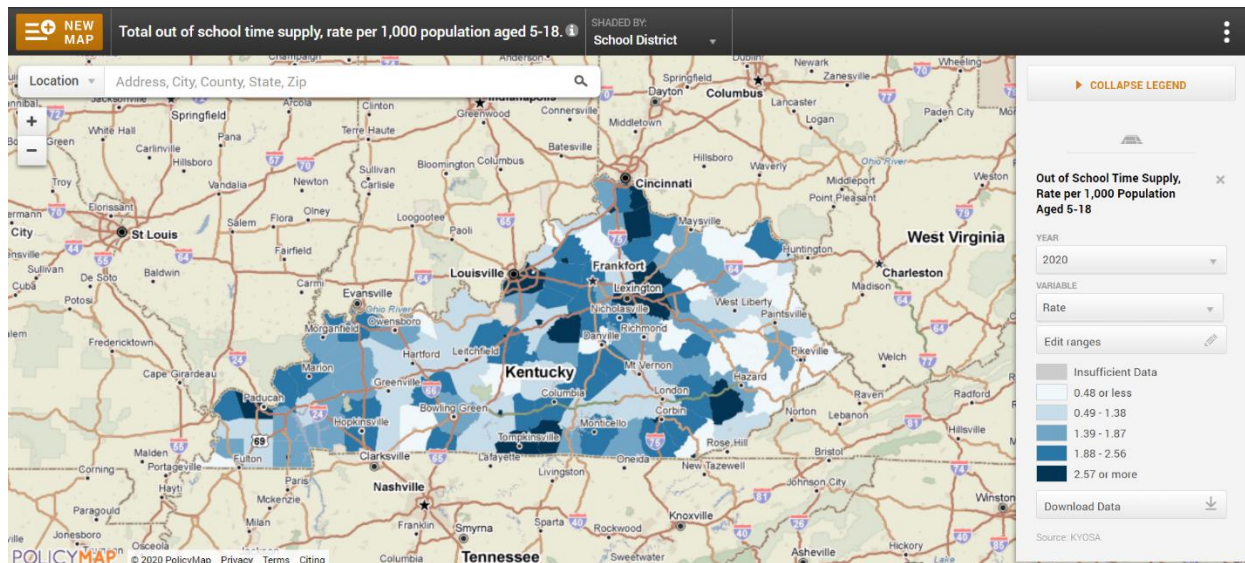# Overview & Data Directory

The *KYOSA Data Explorer* is a free data mapping tool that supports policymakers, providers, school administrators, community leaders, and families making decisions about out-of-school time (OST) across the Commonwealth. The tool was created by PolicyMap, with support from the National Conference of Legislators (NCSL) and the Charles C. Mott Foundation, and combines data on OST programs in Kentucky with number of other important community indicators along various categories such as demographics, incomes and spending, quality of life, education, and others. The tool can be used for research, planning, exploration, and investment decision-making.

This data directory describes all datasets and bounaries currently available in the *KYOSA Data Explorer*. Datasets are categorized as either point datasets or layer datasets.

- Point datasets: pg. 2
- Layer datasets: pgs. 3-8
- Boundaries: pg. 9

Table A-1 contains a complete list of the point datasets available in the *KYOSA Data Explorer*. Point data are most commonly used to represent nonadjacent features and discrete data points, such as schools and libraries. All point data available in the KYOSA Data Explorer are geocoded to specific addresses.

Table A-1: Available Points on the *KYOSA Data Explorer*

Cateogry	Indicator	Description	Source	Year(s) Available
Kentucky Out-of-School Time Supply	**Kentucky Out-of-School Time Supply**	All identified formal OST program sites, as of August 2020. (Geocoding success rate: 99.7%	Kentucky Out-of-School Alliance	2020
Community Assets	**Libraries**	All public libraries and outlets identified by state library agencies in the 50 States, the District of Columbia, and the outlying areas of Guam, the Northern Mariana Islands, Puerto Rico and the U.S. Virgin Islands.	IMLS	2017
Community Assets	**Park Access**	Park Name, Park Designation, Park Owner and Owner Type, Level of Access, Park Access, Status, Size (in acres), Demographics within a 10-minute walk.	Trust for Public Land	2019
Community Assets	**Public Schools: Enrollment & Demographics**	School-level data on public school information, grades offered, total students, full-time-equivalent teachers, student/teacher ratio, free and reduced-price lunch eligible students, Title I eligibility, magnet school, charter school, shared-time school, enrollment by grade, enrollment by race, and data related to the Office of Minority and Women Inclusion.	NCES CCD	2017; 2016; 2015; 2014; 2013; 2012; 2011; 2010; 2009; 2008; 2007; 2006; 2005; 2004; 2003; 2002; 2001; 2000

Table A-2 contains a complete list of the layer datasets available in the *KYOSA Data Explorer*. Layer data are data that have been joined to a specific polygon feature such as county, school district, zip code tabulation area, or census tract. Layer data are color coded on the map using either a thematic or numericly gradaded color scheme.

Table A-2: Layers on the *KYOSA Data Explorer*

Cateogry	Indicator	Description	Source(s)	Year(s) Available
Kentucky Out-of-School Time Supply	**Total Out-of-School Time Supply**	Total out-of-school time supply. Includes 21st Century Community Learning Center, licensed school-age child care, Boys & Girls Club, and Save the Children afterschool/afterschool math program sites.	Kentucky Out-of-School Alliance	2020
Kentucky Out-of-School Time Supply	**Fee-Based Out-of-School Time Supply**	Fee-based out-of-school time supply. Includes all licensed school-age child care and Boys & Girls Club sites.	Kentucky Out-of-School Alliance	2020
Kentucky Out-of-School Time Supply	**Non-Fee-Based Out-of-School Time Supply**	Non-fee-based out-of-school time supply. Includes all 21st Century Community Learning Center and Save the Children afterschool/afterschool math program sites.	Kentucky Out-of-School Alliance	2020
Demographics	**Total Population**	Estimated population, between 2014-2018.	Census	2014-2018; 2010; 2009-2013; 2000
Demographics	**Predominant Race/Ethnicity**	Predominant racial or ethnic group between 2013-2017.	Census	2013-2017
Demographics	**Population Under 18**	People under 18 years old, between 2014-2018.	Census	2014-2018; 2010; 2009-2013; 2000

Cateogry	Indicator	Description	Source(s)	Year(s) Available
Incomes & Spending	**Median Household Income**	Estimated median income of a household, between 2014-2018.	Census	2014-2018; 2010; 2009-2013; 2000
Incomes & Spending	**People Under 18 in Poverty**	People under 18 who live in poverty as of 2014-2018.	Census	2014-2018; 2010; 2009-2013; 2000
Incomes & Spending: Persistent Poverty	**Persistent Poverty Tracts**	Concentrated persistent poverty, as of 2014.	Census, Brown University, and PolicyMap	2014
Incomes & Spending: Persistent Poverty	**Persistent Poverty Counties**	Persistent poverty county status, according to CDFI Fund, in 2017.	CDFI Fund	2017
Incomes & Spending	**Childhood Food Insecurity**	Estimated number/rate of children in food insecure households.	Feeding America	2017; 2016; 2015
Quality of Life	**Social Needs Index**	Relative ranking for composite index of social need for Qualified Opportunity Zone eligible tracts as of 2012-2016.	New Localism Advisors	2018
Quality of Life	**Households without Any Type of Computer**	Households without any type of computer, between 2014-2018.	Census	2014-2018
Quality of Life	**Households with a Smartphone Only**	Households with a smartphone and no other type of computer, between 2014-2018.	Census	2014-2018

Cateogry	Indicator	Description	Source(s)	Year(s) Available
Quality of Life	**Households without Any Type of Internet Access**	Households with no internet access, between 2014-2018.	Census	2014-2018
Qualtiy of Life	**Black or African American Households with No Internet**	Black or African American households that do not have an internet subscription, between 2014-2018.	Census	2014-2018
Quality of Life	**Hispanic or Latino Households with No Internet**	Hispanic or Latino households that do not have an internet subscription, between 2014-2018.	Census	2014-2024
Quality of Life	**Wired Broadband Access (Residential)**	Availability of residential wired broadband internet access in 2018.	FCC	2018
Quality of Life	**Wireless Broadband Availability**	Availability of wireless broadband internet access in 2018.	FCC	2018
Quality of Life	**Households with No Vehicles**	Occupied housing units for which no vehicles are available in 2014-2018.	Census	2014-2018; 2009-2013; 2000
Quality of Life	**Low Food Access**	Low Access Score as of 2016. Low Access Scores indicate the degree to which residents are underserved by supermarkets.	Reinvestment Fund	2016; 2015; 2014; 2013; 2012; 2011; 2010

Cateogry	Indicator	Description	Source(s)	Year(s) Available
Quality of Life	**Violent Crimes/ 100,000 People**	Violent crimes reported per 100,000 people in 2017.	FBI UCR & DOJ	2017
Economy	**Unemployment (Monthly)**	Monthly unemployment rate in 2020. (Preliminary)	BLS	2020
Economy	**Unemployment (Annual)**	Annual unemployment rate in 2019.	BLS	2019
Economy	**People in the Labor Force**	People age 16 years or older who were in the labor force, between 2014-2018.	Census	2014-2018
Economy	**Jobs in All Industries**	Non-federal jobs in all industries from 2012 to 2017.	LEHD	2017; 2016; 2015; 2014; 2013; 2012; 2011; 2010; 2009; 2008; 2007
Education	**Population with At Least HS Diploma**	Population 25 years and older with a high school diploma or greater level of education, between 2014-2018.	Census	2014-2018; 2009-2013; 1999
Education	**Population with At Least Bachelor's Degree**	Population 25 years and older with a Bachelor's degree, graduate, or professional degree, between 2014-2018.	Census	2014-2018; 2009-2013; 2000
Education	**District Graduation Rate**	Averaged freshman graduation rate in 2009-2010.	NCES CCD	2010; 2009; 2008; 2007; 2006
Education	**Total Student Population**	Total fall enrollment for the 2017-18 school year. Enrollments for private charter schools, state educational	Census Public School	2018; 2017; 2016; 2015; 2014; 2013;

Cateogry	Indicator	Description	Source(s)	Year(s) Available
		facilities, and federal school systems are excluded.	Finance Data	2012; 2011; 2010; 2009; 2008; 2007; 2006; 2005; 2004; 2003; 2002
Education	**English Language Learners**	Students who were served in various language assistance programs, such as English as a Second Language, High Intensity Language Training, or bilingual education, in the 2016-17 school year.	NCES CCD	2017; 2016; 2015; 2014; 2013; 2012; 2011; 2010; 2009; 2008; 2007; 2006; 2005; 2004; 2003; 2002; 2001; 2000
Education	**Special Education Students**	Percent of students who served in an Individualized Education Program (IEP) under the Individuals With Disabilities Education Act, in the 2016-17 school year.	NCES CCD	2017; 2016; 2015; 2014; 2013; 2012; 2011; 2010; 2009; 2008; 2007; 2006; 2005; 2004; 2003; 2002; 2001; 2000
Education	**Free and Reduced-Price Lunch Recipients**	Students that are Free and Reduced Price Lunch recipients in 2016-17.	NCES CCD	2017; 2016; 2015; 2014; 2013; 2012; 2011; 2010; 2009; 2008; 2007; 2006; 2005; 2004; 2003; 2002; 2001; 2000

Cateogry	Indicator	Description	Source(s)	Year(s) Available
Education	**Childhood Opportunity Index Level**	Childhood Opportunity Index level in 2015. Diversity Data Kids developed the Childhood Opportunity Index to measure and track the availability of resources that enable children to succeed. The Childhood Opportunity Index was created by combining scores from the Education, Health and Environment, and Social and Economic domains.	Diversity Data Kids	2015, 2010
Housing	**Population Housed in Juvenile Facilities**	Population living in juvenile facilities in 2010.	Census	2010
Health	**Low-Income Childhood Obesity**	Low-income preschool obesity, 2009-2011.	USDA	2011; 2008
Health	**Life Expectancy**	The average number of years a person born in this tract would be expected to live, as of 2010 to 2015.	CDC	2010-2015
Health	**COVID-19 Cases**	COVID-19 cases and deaths based on local reporting.	New York Times	2020
Health	**Mortality by Overdose – All Drugs**	Deaths from drug overdose per 100,000 people in 2017.	CDC	2017; 2016; 2015; 2014; 2013; 2012; 2011; 2010; 2009
Health	**COVID-19 Cases**	Confirmed and probable COVID-19 cases based on local reporting. (Updated daily)	New York Times	2020

BOUNDARIES

A list of boundaries available in the *KYOSA Data Explorer* is provided below.

Custom Kentucky Regions

- **Appalachian Counties:** Counties in Kentucky defined as "Appalachian" by the Appalachian Regional Commission (ARC): Adair, Bath, Bell, Boyd, Breathitt, Carter, Casey, Clark, Clay, Clinton, Cumberland, Edmonson, Elliott, Estill, Fleming, Floyd, Garrard, Green, Greenup, Harlan, Hart, Jackson, Johnson, Knott, Knox, Laurel, Lawrence, Lee, Leslie, Letcher, Lewis, Lincoln, McCreary, Madison, Magoffin, Martin, Menifee, Metcalfe, Monroe, Montgomery, Morgan, Nicholas, Owsley, Perry, Pike, Powell, Pulaski, Robertson, Rockcastle, Rowan, Russell, Wayne, Whitley, and Wolfe.
- **Local Workforce Areas (LWAs):** West Kentucky, Green River, South Central, Cumberlands, Lincoln Trail, Bluegrass, Kentuckiana Works, Northern Kentucky, Tenco, EKCEP.
- **Workforce Planning Regions (WPRs):** Central WPR (Lincoln Trail, Kentuckiana Works, Northern Kentucky, Bluegrass), East WPR (Tenco, EKCEP), South WPR (South Central, Cumberlands), West WPR (West Kentucky, Green River).

Other Boundaries

- **States:** No description.
- **Metro Areas (2013):** One or more adjacent counties or county equivalents that have at least one urban area of at least 50,000 population, plus adjacent territory that has a high degree of economic and social integration with the core as measured by commuting ties.
- **Counties (2010):** No description.
- **Zip Codes:** No description.
- **Zip Code Tabulation Area:** No description.
- **Census Tracts (2010):** No description.
- **Congressional Districts (116th):** The congressional districts for the 116th Congress (January 2019 to 2021) are the third Congressional Districts based on 2010 Census data.
- **Upper State Legislative Districts:**
- **Lower State Legislative Districts:**
- **Community Development Block Grant Areas:** Areas designated as Community Development Block Grant Areas.
- **Designated Qualified Opportunity Zones:** Areas designated as Qualified Opportunity Zones.