

Erie Vital Signs: Key Indicators Dashboard 2019

Technical Appendix

This appendix includes the following information:

- 1) Description of the geographies used in the Erie Vital Signs: Key Indicators 2019 Dashboard
- 2) Description of each indicator and the data's source

1. Geographic Areas used in the Erie Vital Signs (EVS) Key Indicators Dashboard 2019

Due to the granularity of the data analyzed within the Key Indicators Dashboard, the smallest Geographic area in commonality for all indicator data categories was at the county level, thus Erie County is the geographic extent of the data which is analyzed for each indicator. All data is within the latest release year for the dataset, and those sources are explored in Section 2.

2. Indicator Sources

Data was retrieved and analyzed from multiple sources for the Erie county geographic area for the EVS Key Indicators. The majority of the data sources are free to access and download, but some require a paid subscription and are subject to data sharing restrictions. The below tables represent the indicators and their source organizations and/or products.

Indicator	Source
Economy	
Gross Regional Product Growth	Emsi
Average Salary	Emsi
Unemployment Rate - Annualized	U.S. Department of Labor, Bureau of Labor Statistics, Local Area Unemployment Statistics
Wage Gap: White- Person of Color	U.S. Census Bureau, American Community Survey
Jobs with Family Sustaining Wage	Emsi
Business	
Total Business Establishments	Emsi
Loans to Small Businesses	Small Business Administration
Largest Industry as % of All Industries	Emsi
Highest Growth Industry	Emsi
Direct Flights from ERI Airport	Erie International Airport (ERI)
Talent	
Migration of 25- to 35-year-olds	U.S. Census Bureau, American Community Survey
Advanced Industries Employment	Emsi
Population with Bachelor's Degree	Emsi
Workforce Participation Rate	U.S. Census Bureau, American Community Survey
Foreign-Born Population of Workforce	U.S. Census Bureau, American Community Survey
Education	
3rd Grade Achievement: Reading	PA Department of Education
8th Grade Achievement: Reading	PA Department of Education
High School Graduation Rate	PA Department of Education
University Graduates	Emsi
STEM Program Degrees	Emsi

Indicator	Source
Community	
Voter Participation Rate	PA Department of State
Arts, Entertainment, and Recreation Establishments	U.S. Census Bureau, American Community Survey
Average Daily Commute	U.S. Census Bureau, American Community Survey
Violent Crimes per 1000 Residents	PA State Police: Pennsylvania Uniform Crime Reporting System
Residents Per Municipal Park	Erie County
Livability	
Median Rent Cost	U.S. Census Bureau, American Community Survey
Median Home Price	U.S. Census Bureau, Census Business Builder: Regional Analyst Edition
Housing Costs as Percent of Spending	U.S. Census Bureau, Census Business Builder: Regional Analyst Edition
Days of Unhealthy Air Quality	U.S. Environmental Protection Agency (EPA)
Access to Broadband Speeds of 1GB+	Federal Communications Commission: Fixed Broadband Deployment
Health	
Obesity Rate	PA Department of Health, Enterprise Data Dissemination Informatics Exchange (EDDIE)
Perform Physical Activity for Leisure	PA Department of Health, Enterprise Data Dissemination Informatics Exchange (EDDIE)
Asthma Rate	PA Department of Health, Enterprise Data Dissemination Informatics Exchange (EDDIE)
Healthcare Insured	PA Department of Health, Enterprise Data Dissemination Informatics Exchange (EDDIE)
Couldn't Afford Needed Doctor Visit	PA Department of Health, Enterprise Data Dissemination Informatics Exchange (EDDIE)
Demographics	
Total Population	U.S. Census Bureau, American Community Survey
Median Age	U.S. Census Bureau, American Community Survey
Poverty Rate	U.S. Census Bureau, American Community Survey
Median Household Income	U.S. Census Bureau, American Community Survey
Population of Color	U.S. Census Bureau, American Community Survey