



**Great Cities
Institute**

**2013-2017
Out of School
and Out of Work
16-19 and 20-24
Year Olds in Chicago
and Illinois Counties**

December 2019

**Great Cities Institute
University of Illinois at Chicago**

Authors

Matthew D. Wilson

Economic Development Planner

mwilso25@uic.edu

v1.0

Percent of Out of School and Out of Work 16-19 and 20-24 year-olds in Chicago, 2013-2017

Geography	16-19				20-24			
	White (non-Hispanic or Latino)	Black (non-Hispanic or Latino)	Hispanic or Latino	Total	White (non-Hispanic or Latino)	Black (non-Hispanic or Latino)	Hispanic or Latino	Total
Chicago	5.3%	11.5%	7.9%	8.4%	7.0%	38.3%	19.5%	20.8%

Data Source: 2013-2017 American Community Survey 5-year estimates, public use files. Tabulations by Great Cities Institute

Percent of Out of School and Out of Work 16-19 and 20-24 year-olds by County, 2013-2017

County	16-19				20-24			
	White (non-Hispanic or Latino)	Black (non-Hispanic or Latino)	Hispanic or Latino	Total	White (non-Hispanic or Latino)	Black (non-Hispanic or Latino)	Hispanic or Latino	Total
Champaign	N/A	N/A	N/A	2.0%	4.4%	9.3%	N/A	5.0%
Cook	4.7%	11.5%	8.2%	7.7%	8.6%	35.2%	17.0%	18.4%
Kane	N/A	N/A	6.0%	4.1%	6.7%	29.8%	19.9%	14.3%
Lake	4.6%	N/A	4.0%	5.0%	9.3%	28.8%	9.8%	10.8%
Madison	5.6%	N/A	N/A	5.8%	13.9%	37.4%	N/A	16.4%
McHenry	5.3%	N/A	N/A	5.0%	8.6%	N/A	13.3%	9.4%
McLean	N/A	N/A	N/A	4.7%	5.6%	N/A	N/A	6.2%
St. Clair	7.4%	14.4%	N/A	10.6%	14.0%	25.2%	N/A	18.6%
Will	3.7%	8.7%	7.4%	5.3%	10.5%	32.2%	15.2%	14.6%

Data Source: 2013-2017 American Community Survey 5-year estimates, public use files. Tabulations by Great Cities Institute

Percent of Out of School and Out of Work 16-19 and 20-24 year-olds by Combined Counties, 2013-2017

Combined Counties	16-19				20-24			
	White (non-Hispanic or Latino)	Black (non-Hispanic or Latino)	Hispanic or Latino	Total	White (non-Hispanic or Latino)	Black (non-Hispanic or Latino)	Hispanic or Latino	Total
Group 1	11.1%	N/A	N/A	7.5%	17.1%	N/A	N/A	15.7%
Group 2	7.3%	N/A	N/A	8.4%	13.3%	23.4%	N/A	14.6%
Group 3	5.4%	N/A	N/A	6.7%	13.4%	34.4%	N/A	17.6%
Group 4	4.9%	N/A	N/A	7.0%	16.7%	31.6%	18.3%	19.4%
Group 5	5.7%	N/A	N/A	5.6%	8.1%	23.7%	N/A	9.8%
Group 6	6.1%	N/A	N/A	7.0%	14.4%	N/A	N/A	14.8%
Group 7	8.1%	N/A	N/A	8.9%	20.0%	42.5%	24.8%	24.2%
Group 8	6.2%	N/A	N/A	7.1%	15.8%	35.6%	N/A	16.9%
Group 9	5.1%	N/A	N/A	5.3%	13.5%	38.8%	N/A	17.0%
Group 10	7.7%	N/A	N/A	8.4%	22.5%	46.6%	N/A	26.0%
Group 11	8.4%	N/A	N/A	8.5%	14.6%	36.7%	N/A	16.6%
Group 12	6.4%	N/A	N/A	7.2%	16.7%	63.7%	N/A	21.3%

Data Source: 2013-2017 American Community Survey 5-year estimates, public use files. Tabulations by Great Cities Institute

Number of Out of School and Out of Work 16-19 and 20-24 year-olds in Chicago, 2013-2017

Geography	16-19				20-24			
	White (non-Hispanic or Latino)	Black (non-Hispanic or Latino)	Hispanic or Latino	Total	White (non-Hispanic or Latino)	Black (non-Hispanic or Latino)	Hispanic or Latino	Total
Chicago	1,277	5,280	4,007	11,021	4,243	25,140	12,496	43,580

Data Source: 2013-2017 American Community Survey 5-year estimates, public use files. Tabulations by Great Cities Institute

Number of Out of School and Out of Work 16-19 and 20-24 year-olds by County, 2013-2017

County	16-19				20-24			
	White (non-Hispanic or Latino)	Black (non-Hispanic or Latino)	Hispanic or Latino	Total	White (non-Hispanic or Latino)	Black (non-Hispanic or Latino)	Hispanic or Latino	Total
Champaign	N/A	N/A	N/A	373	912	392	N/A	1,721
Cook	3,760	8,164	7,130	19,912	10,553	34,180	18,159	66,312
Kane	N/A	N/A	734	1,252	1,071	801	2,737	4,900
Lake	1,162	N/A	449	2,204	2,616	1,157	1,267	5,419
Madison	581	N/A	N/A	777	1,828	644	N/A	2,620
McHenry	723	N/A	N/A	898	1,250	N/A	409	1,744
McLean	N/A	N/A	N/A	624	988	N/A	N/A	1,357
St. Clair	500	700	N/A	1,390	1,259	1,728	N/A	3,269
Will	884	528	666	2,196	2,629	2,174	1,440	6,479

Data Source: 2013-2017 American Community Survey 5-year estimates, public use files. Tabulations by Great Cities Institute

Number of Out of School and Out of Work 16-19 and 20-24 year-olds by Combined Counties, 2013-2017

Combined Counties	16-19				20-24			
	White (non-Hispanic or Latino)	Black (non-Hispanic or Latino)	Hispanic or Latino	Total	White (non-Hispanic or Latino)	Black (non-Hispanic or Latino)	Hispanic or Latino	Total
Group 1	725	N/A	N/A	735	1,132	N/A	N/A	1,528
Group 2	771	N/A	N/A	1,300	1,800	816	N/A	2,791
Group 3	632	N/A	N/A	1,059	1,937	1,065	N/A	3,449
Group 4	537	N/A	N/A	1,261	2,210	972	718	4,094
Group 5	516	N/A	N/A	716	1,206	483	N/A	2,000
Group 6	713	N/A	N/A	916	2,296	N/A	N/A	2,709
Group 7	836	N/A	N/A	1,263	2,552	1,030	400	4,165
Group 8	687	N/A	N/A	953	2,013	448	N/A	2,745
Group 9	493	N/A	N/A	732	1,633	548	N/A	2,731
Group 10	1,002	N/A	N/A	1,382	4,401	1,620	N/A	6,440
Group 11	1,725	N/A	N/A	1,989	3,601	780	N/A	4,720
Group 12	1,055	N/A	N/A	1,305	3,463	1,187	N/A	5,114

Data Source: 2013-2017 American Community Survey 5-year estimates, public use files. Tabulations by Great Cities Institute

Percent of Out of Work 16-19 and 20-24 year-olds in Chicago, 2013-2017

Geography	16-19				20-24			
	White (non-Hispanic or Latino)	Black (non-Hispanic or Latino)	Hispanic or Latino	Total	White (non-Hispanic or Latino)	Black (non-Hispanic or Latino)	Hispanic or Latino	Total
Chicago	73.8%	87.9%	79.5%	81.6%	25.5%	56.8%	35.3%	40.5%

Data Source: 2013-2017 American Community Survey 5-year estimates, public use files. Tabulations by Great Cities Institute

Percent of Out of Work 16-19 and 20-24 year-olds by County, 2013-2017

County	16-19				20-24			
	White (non-Hispanic or Latino)	Black (non-Hispanic or Latino)	Hispanic or Latino	Total	White (non-Hispanic or Latino)	Black (non-Hispanic or Latino)	Hispanic or Latino	Total
Champaign	71.2%	74.7%	78.7%	73.6%	41.7%	34.2%	34.1%	45.3%
Cook	71.6%	86.2%	75.6%	77.6%	28.4%	53.5%	31.5%	38.0%
Kane	57.2%	70.8%	59.2%	60.1%	24.3%	38.9%	27.8%	27.2%
Lake	62.7%	65.0%	59.9%	63.0%	27.8%	43.6%	17.7%	26.7%
Madison	62.3%	68.4%	N/A	62.9%	27.5%	44.3%	N/A	29.9%
McHenry	63.3%	N/A	55.7%	61.3%	23.1%	N/A	22.5%	22.8%
McLean	62.6%	79.5%	67.3%	65.1%	28.0%	38.1%	N/A	28.8%
St. Clair	62.9%	79.8%	74.3%	69.9%	24.4%	45.3%	N/A	33.9%
Will	63.9%	71.9%	58.7%	64.7%	24.8%	45.0%	22.0%	28.4%

Data Source: 2013-2017 American Community Survey 5-year estimates, public use files. Tabulations by Great Cities Institute

Percent of Out of Work 16-19 and 20-24 year-olds by Combined Counties, 2013-2017

Combined Counties	16-19				20-24			
	White (non-Hispanic or Latino)	Black (non-Hispanic or Latino)	Hispanic or Latino	Total	White (non-Hispanic or Latino)	Black (non-Hispanic or Latino)	Hispanic or Latino	Total
Group 1	65.0%	68.4%	67.9%	66.0%	25.6%	N/A	29.9%	25.2%
Group 2	66.0%	78.5%	79.7%	70.5%	27.0%	28.2%	N/A	28.5%
Group 3	63.8%	76.7%	71.1%	66.9%	27.5%	52.1%	N/A	32.0%
Group 4	61.8%	86.0%	66.9%	66.9%	28.2%	42.9%	25.6%	30.9%
Group 5	65.8%	80.1%	74.3%	69.0%	27.4%	39.9%	19.5%	29.8%
Group 6	65.1%	76.9%	N/A	66.3%	30.2%	54.4%	N/A	32.2%
Group 7	65.4%	83.0%	76.4%	69.2%	33.0%	51.9%	44.5%	37.2%
Group 8	59.6%	N/A	61.2%	60.3%	27.7%	49.9%	26.2%	29.6%
Group 9	54.0%	77.6%	59.4%	58.9%	25.1%	72.2%	23.9%	30.4%
Group 10	69.3%	77.2%	66.6%	70.4%	42.3%	68.3%	N/A	46.4%
Group 11	64.0%	79.0%	66.4%	65.2%	30.6%	71.7%	49.0%	34.9%
Group 12	56.0%	N/A	N/A	57.7%	24.6%	76.8%	48.0%	29.8%

Data Source: 2013-2017 American Community Survey 5-year estimates, public use files. Tabulations by Great Cities Institute

Number of Out of Work 16-19 and 20-24 year-olds in Chicago, 2013-2017

Geography	16-19				20-24			
	White (non-Hispanic or Latino)	Black (non-Hispanic or Latino)	Hispanic or Latino	Total	White (non-Hispanic or Latino)	Black (non-Hispanic or Latino)	Hispanic or Latino	Total
Chicago	17,874	40,459	40,167	107,107	15,489	37,269	22,533	85,034

Data Source: 2013-2017 American Community Survey 5-year estimates, public use files. Tabulations by Great Cities Institute

Number of Out of Work 16-19 and 20-24 year-olds by County, 2013-2017

County	16-19				20-24			
	White (non-Hispanic or Latino)	Black (non-Hispanic or Latino)	Hispanic or Latino	Total	White (non-Hispanic or Latino)	Black (non-Hispanic or Latino)	Hispanic or Latino	Total
Champaign	8,421	1,630	1,150	14,015	8,614	1,435	628	15,538
Cook	57,084	61,057	65,447	200,483	34,844	51,983	33,680	136,766
Kane	8,220	1,482	7,273	18,277	3,892	1,045	3,816	9,327
Lake	15,907	2,130	6,739	27,727	7,867	1,754	2,277	13,351
Madison	6,448	1,372	N/A	8,452	3,615	764	N/A	4,783
McHenry	8,711	N/A	1,518	10,927	3,341	N/A	695	4,252
McLean	6,277	1,082	692	8,600	4,920	784	N/A	6,344
St. Clair	4,262	3,870	488	9,134	2,193	3,112	N/A	5,950
Will	15,077	4,374	5,287	26,972	6,191	3,036	2,082	12,544

Data Source: 2013-2017 American Community Survey 5-year estimates, public use files. Tabulations by Great Cities Institute

Number of Out of Work 16-19 and 20-24 year-olds by Combined Counties, 2013-2017

Combined Counties	16-19				20-24			
	White (non-Hispanic or Latino)	Black (non-Hispanic or Latino)	Hispanic or Latino	Total	White (non-Hispanic or Latino)	Black (non-Hispanic or Latino)	Hispanic or Latino	Total
Group 1	4,262	468	1,653	6,471	1,694	N/A	609	2,443
Group 2	6,951	2,274	490	10,896	3,643	981	N/A	5,428
Group 3	7,437	1,795	754	10,576	3,966	1,615	N/A	6,262
Group 4	6,745	1,949	2,199	12,094	3,732	1,320	1,002	6,530
Group 5	5,998	1,141	1,182	8,822	4,089	812	417	6,112
Group 6	7,551	435	N/A	8,672	4,822	616	N/A	5,916
Group 7	6,788	1,609	1,036	9,867	4,219	1,259	719	6,408
Group 8	6,594	N/A	947	8,104	3,532	628	419	4,801
Group 9	5,260	816	1,357	8,204	3,028	1,020	460	4,888
Group 10	8,976	1,317	704	11,586	8,271	2,375	N/A	11,516
Group 11	13,102	920	732	15,271	7,525	1,525	595	9,926
Group 12	9,264	N/A	N/A	10,492	5,092	1,431	401	7,163

Data Source: 2013-2017 American Community Survey 5-year estimates, public use files. Tabulations by Great Cities Institute

Combined Counties

Group 1: Kendall & Grundy

Group 2: Macon & Sangamon

Group 3: Peoria & Tazewell

Group 4: Winnebago & Boone

Group 5: DeKalb, Stephenson & Ogle

Group 6: Douglas, Edgar, Coles, Cumberland, Menard, Logan, De Witt, Piatt, Moultrie, Shelby & Christian

Group 7: Kankakee, Livingston, Ford, Iroquois & Vermilion

Group 8: LaSalle, Knox, Stark, Bureau, Marshall & Woodford

Group 9: Rock Island, Jo Daviess, Carroll, Whiteside & Lee

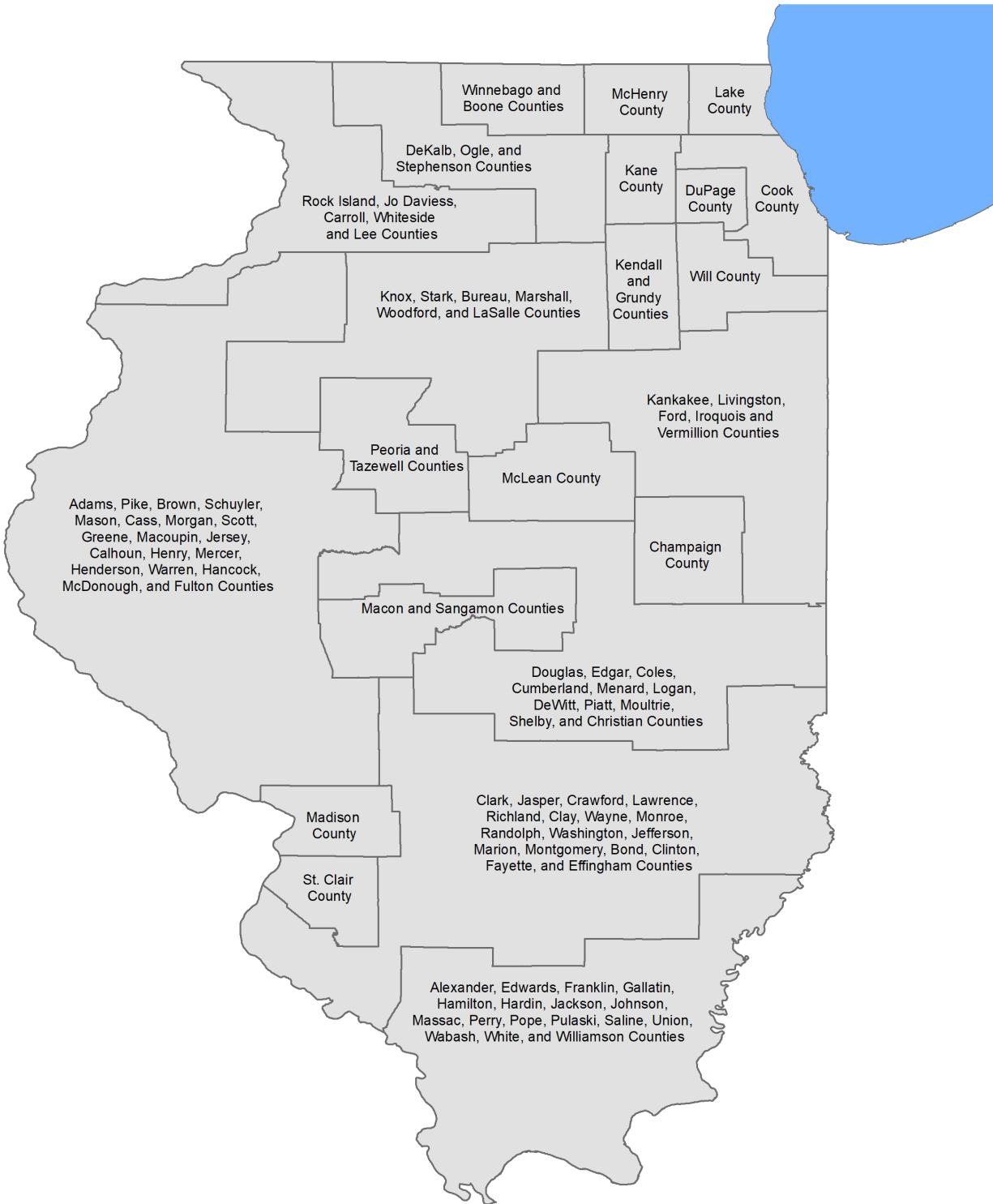
Group 10: Adams, Pike, Brown, Schuyler, Mason, Henry, Mercer, Henderson, Warren, Hancock, McDonough, Fulton, Cass, Morgan, Scott, Greene, Macoupin, Jersey & Calhoun

Group 11: Clark, Jasper, Crawford, Lawrence, Richland, Clay, Wayne, Monroe, Randolph, Washington, Jefferson, Marion, Montgomery, Bond, Clinton, Fayette & Effingham

Group 12: Alexander, Edwards, Franklin, Gallatin, Hamilton, Hardin, Jackson, Johnson, Massac, Perry, Pope, Pulaski, Saline, Union, Wabash, White, & Williamson

Locator Map

*Map from *Industrial Restructuring and the Continuing Impact on Youth Employment in Illinois*.



Definitions

Employment

Employment is defined by the U.S. Census Bureau as all civilians 16 years old and over who either (1) were “at work,” that is, those who did any work at all during the reference week as paid employees, worked in their own business or profession, worked on their own farm, or worked 15 hours or more as unpaid workers on a family farm or in a family business; or (2) were “with a job but not at work,” that is, those who did not work during the reference week but had jobs or businesses from which they were temporarily absent due to illness, bad weather, industrial dispute, vacation, or other personal reasons. Excluded from the employed are people whose only activity consisted of work around the house or unpaid volunteer work for religious, charitable, and similar organizations; also excluded are all institutionalized people and people on active duty in the United States Armed Forces.

Out of Work Rate

The out of work or jobless rate is a calculation of the proportion of the total civilian non-institutionalized population that is unemployed or not in the labor force. The out of work or jobless rate is the inverse of employment to population ratio.

Out of School and Out of Work Rate

The out of school and out of work rate is a calculation of the proportion of the total civilian non-institutionalized population that is not enrolled in school and unemployed or not in the labor force.

Data Sources and Methodology

The U.S. Census Bureau’s American Community Survey is a national monthly survey that produces annual demographic, socioeconomic, employment, income, education, and behavioral estimates for households and individuals. About 3.54 million addresses are sampled each year to calculate estimates. Chicago, Cook County, Illinois, and U.S. out of work and out of school and out of work figures were calculated from the 2013-2017 American Community Survey public use microdata. The 5-year estimates were used to increase sample sizes and provide higher data accuracy. The most recently available American Community Survey 5-year estimates are referred to in this section as a five-year span (2013-2017) rather than a single year due to American Community Survey methodology. The American Community Survey notes that the multi-year reported estimates represent data collected over the 5-year period and not a specific point of time within that period.

Geographies for Subsections of Illinois

Constructing subsections of Illinois was achieved through the aggregation of Public Use Microdata Areas (PUMAs), an official boundary produced by the U.S. Census Bureau. Both using a multi-year data collection sample (2013-2017 ACS 5-year estimates) and aggregating PUMAs was necessary to obtain larger sample sizes than single year data and PUMAs to improve data reliability. Even through a multi-year sample and PUMA aggregations, some subsections of Illinois did not have large enough samples for some data points and are denoted by N/A in maps. Single counties were used when sample sizes allowed for reliable data but in many instances multiple counties had to be aggregated to create a subsection.

