

Youth Employment Data:
Employment to Population
Ratios for 16 to 19 and 20
to 24 Year Olds by Chicago
Community Area,
2005-2009 to 2010-2014

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Great Cities Institute

University of Illinois at Chicago

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Introduction:

Issues of youth employment have gained much attention in Chicago as the number of youth without Jobs has hit historic highs in recent years. As shown in the recent report prepared by the Great Cities Institute, “Lost: The Crisis Of Jobless and Out Of School Teens and Young Adults in Chicago, Illinois and the U.S.,” issues of youth joblessness are chronic and concentrated in Chicago Community Areas with the highest populations of Black residents. Chicago has higher percentages of Black and Latino youth without employment than the U.S., Illinois, Los Angeles, and New York.

In collaboration with The Chicago Tribune, this analysis by the Great Cities Institute examines by Chicago Community Area recent employment trends to identify which areas have experienced improvement in youth employment conditions. The analysis covers 5 years of employment trends for 16 to 19 and 20 to 24 year olds by Chicago Community Area to show the improving and declining employment conditions (see “Data Highlights on pages 3 and 4). With the identification of specific Community Areas, further investigation can uncover the conditions that explain the improving youth employment.

Methodology:

The U.S. Census Bureau’s American Community Survey is a national monthly survey that produces demographic, socioeconomic, employment, income, education and behavioral estimates for households and individuals. About 3.54 million addresses are sampled each year nationwide.

2009 and 2014 American Community Survey 5-year estimates were used to calculate employment to population ratios for 16 to 19 and 20 to 24 year olds by Census Tract in Chicago. Geographic Information Systems (GIS) software was used to aggregate census tract data and geographies into Chicago Community Area boundaries.

Percentage point difference and percent change figures of employment to population ratios were calculated using 2005-2009 and 2010-2014 figures and displayed on maps by Chicago Community Area. Percentage point difference, percent change, employment counts and population counts by Chicago Community Area are included in tables.

Definitions:

Employment-Population Ratio: A calculation of the proportion of the total civilian non-institutionalized population that is employed. The inverse of this number is known as the out of work or jobless rate.

Out of Work or Jobless Rate: A calculation of the proportion of the total civilian non-institutionalized population that is unemployed or not in the labor force.

Chicago Community Area Locator Map

ING

0 2.5 5 10 Miles

Data Highlights

Map 1 shows the percent change of employment to population ratios for 16 to 19 year olds by Chicago Community Area from 2005-2009 to 2010-2014.

- The Near South Side and Burnside had the largest percent increases from 2005-2009 to 2010-2014 in employment to population ratios for 16 to 19 year olds. The Near South Side increased 86 percent and Burnside increased 320.1 percent.
- The Northside Community Areas of Lincoln Park, Uptown, and North Park had increased employment to population ratios for 16 to 19 year olds from 2005-2009 to 2010-2014, of 20.2, 22, and 26.1 percent respectively.
- The South Side communities of Armour Square, Kenwood, Oakland, South Shore, Englewood and Washington Heights had employment to population ratio increases for 16 to 19 year olds between 2005-2009 to 2010-2014. Armour Square had the largest percent increase (+49.3%), followed by Englewood (+48.5%) Oakland (+39.3%), South Shore (+34.7%), Kenwood (+19.4%), and Washington Heights (+3.8%).
- The far South Side had a concentration of Community Areas with percent decreases of employment to population ratios from 2005-2009 to 2010-2014 for 16 to 19 year olds, with Calumet Heights (-77%), Hegewisch (-76.8), West Pullman (-75.1%), Roseland (-72.2%), Chatham (-67.8%), Pullman (-66.9%), and South Deering (-55.4%).
- The Southwest Side, with the exception of Archer Heights (+26.1 percent) had substantial decreases in the employment to population ratio of 16 to 19 year olds from 2005-2009 to 2010-2014, with McKinley Park decreasing 51.9 percent, Gage Park 45.3 percent, Brighton Park 40 percent, Bridgeport 37.8 percent, the Lower West Side 35.8 percent, and South Lawndale 25.6 percent.

Map 2 shows the percentage point difference of employment to population ratios for 16 to 19 year olds by Chicago Community Area from 2005-2009 to 2010-2014.

- The Northside Community Areas of Lincoln Park, Uptown, and North Park had increases in employment to population ratios of 16 to 19 year olds from 2005-2009 to 2010-2014, of .4, 5.5, and 5.8 percentage points respectively.
- The Near South Side and Burnside had the largest percentage point increases from 2005-2009 to 2010-2014 in employment to population ratios of 16 to 19 year olds. The Near South Side increased 24.3 and Burnside increased 28 percentage points.
- The South Side communities with the largest percentage point increases of employment to population ratio for 20 to 24 year olds from 2005-2009 to 2010-2014 were Oakland (+4.8), Armour Square (+4.1), Englewood (+3.7), Kenwood (+2.6) and Washington Heights (+.4).
- The far South Side had a concentration of community areas with percent decreases of employment to population ratios from 2005-2009 to 2010-2014, with Hegewisch (-26.5), West Pullman (-15.8), Calumet Heights (-15.6), Roseland (-12.9), Pullman (-11.7), Chatham (-10.7), and South Deering (-10.4).
- The West and Southwest Side Community Areas with the largest percentage point decreases of employment to population ratio for 20 to 24 year olds from 2005-2009 to 2010-2014 were McKinley Park (-16.9), Clearing (-14.5), East Garfield Park (-13.9), Gage Park (-12.6), and the Lower West Side (-10.7).
- Lincoln Square (-27.8) and Edison Park (-21.8) had the highest percentage point decreases on the North and Northwest Sides for 16 to 19 year olds from 2005-2009 to 2010-2014.

Data Highlights

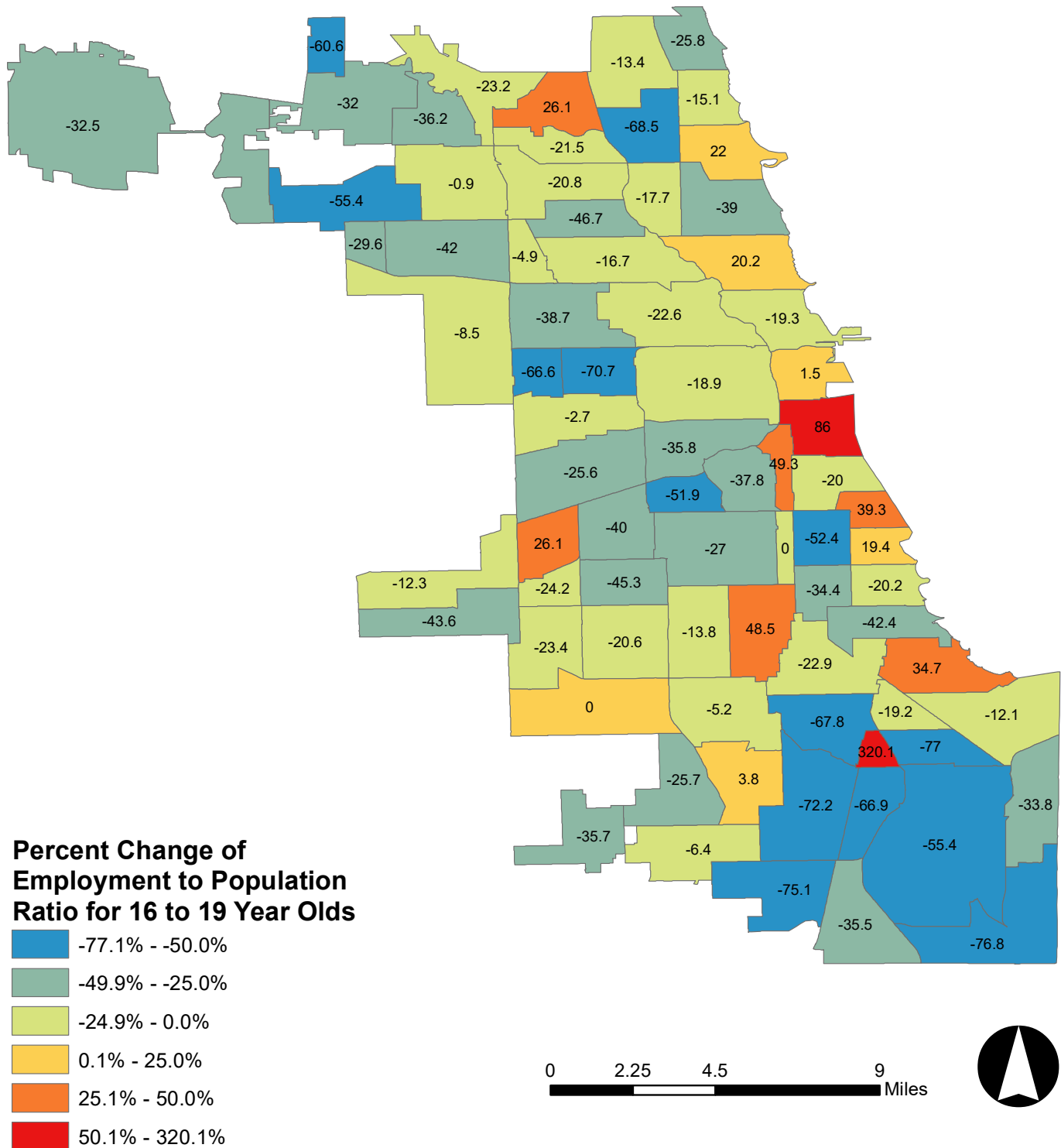
Map 3 shows the percent change of employment to population ratios for 20 to 24 year olds by Chicago Community Area from 2005-2009 to 2010-2014.

- The Loop (+8.3%) and the Southwest Side Community Areas of McKinley Park (+5.3%), and the Lower West Side (+9.7%) had increases in employment to population ratios for 20 to 24 year olds between 2005-2009 to 2010-2014.
- The West Side Community Areas of Humboldt Park (+9.3 percent), Hermosa (+8.7%), West Garfield Park (+8.3 percent), the Near West Side (+8%), and West Town (+7.6%) had increases in employment to population ratios for 20 to 24 year olds between 2005-2009 to 2010-2014.
- The North Side Community Areas of Near North Side (+10.5%), Lincoln Park (+9.5%), and Uptown (+3.8%) had increases in employment to population ratios for 20 to 24 year olds between 2005-2009 to 2010-2014.
- The South Side Community Areas of Fuller Park (-45%), Oakland (-42.8%), Douglas (-28.2%), Grand Boulevard (-24.2%), Kenwood (-23.2%), South Shore (-15.7%), Hyde Park (-18.3%), Englewood (-27.4%) had the largest employment to population ratio decreases on the South Side for 20 to 24 year olds between 2005-2009 to 2010-2014.
- The far South Side Community Areas of Chatham (-16.7%), Pullman (-38.6%), Riverdale (-28.1%), South Deering (-21.3%), West Pullman (-17.8%) had the largest employment to population ratio decreases on the far South Side for 20 to 24 year olds between 2005-2009 to 2010-2014.
- Burnside and Forest Glen had the largest percent increases in employment to population ratios for 20 to 24 year olds between 2005-2009 to 2010-2014 with Forest Glen increasing 47.1% and Burnside increasing 551%.

Map 4 shows the percentage point difference of employment to population ratios for 20 to 24 year olds by Chicago Community Area from 2005-2009 to 2010-2014.

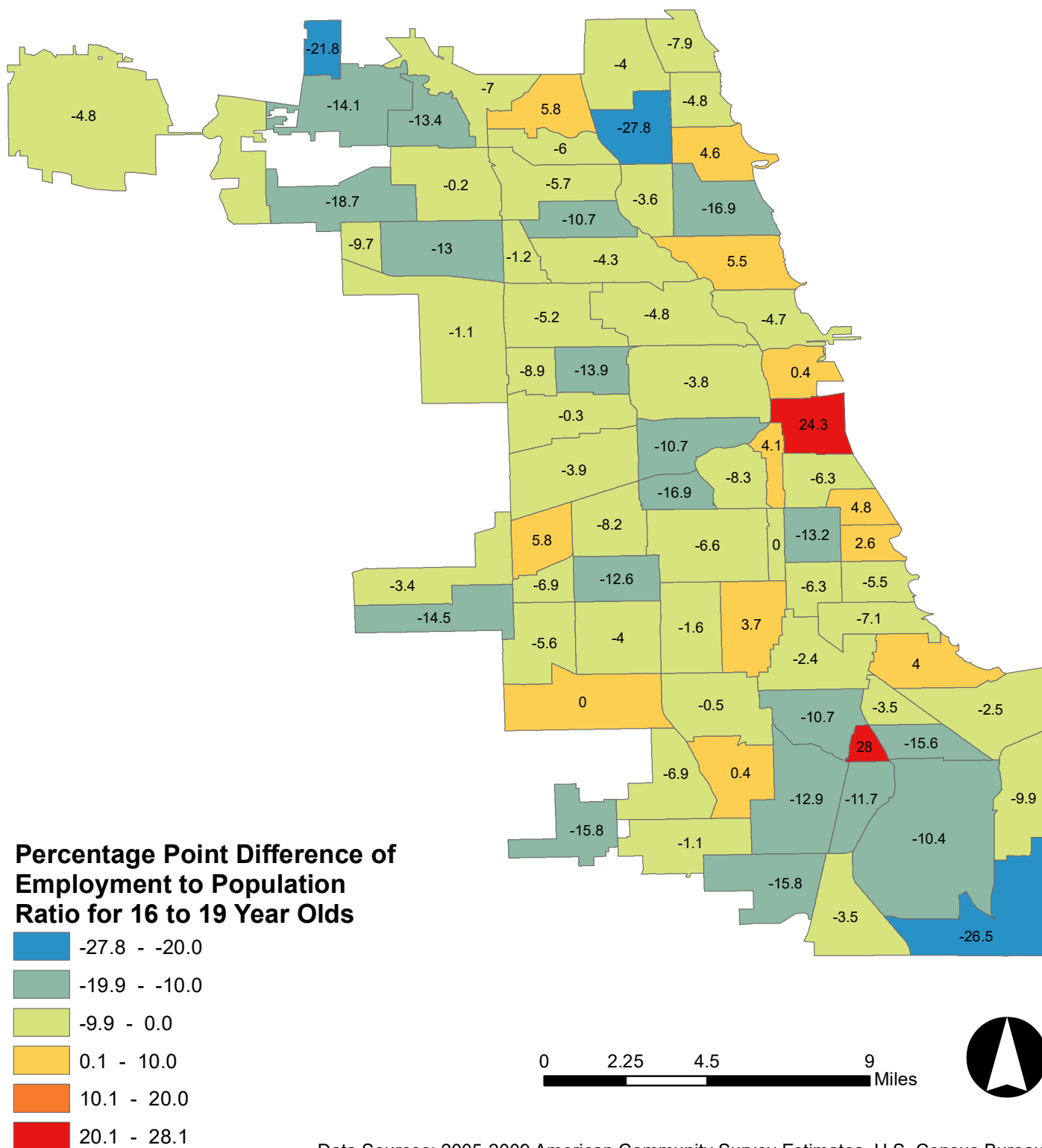
- The Loop (+4.8 percentage points) and the Southwest Side Community Areas of McKinley Park (+3 percent), and the Lower West Side (+6.1 percentage points) had percentage point increases in employment to population ratio for 20 to 24 year olds from 2005-2009 to 2010-2014.
- The largest percentage point increases in employment to population ratios for 20 to 24 year olds from 2005-2009 to 2010-2014 for the West Side Community Areas were Humboldt Park (+4), Hermosa (+5.6), West Garfield Park (+3), the Near West Side (+4), and West Town (+5).
- The North Side Community Areas with the largest percentage point increases of employment to population ratio for 20 to 24 year olds from 2005-2009 to 2010-2014 included the Near North Side (+6.7), Lincoln Park (+6.6), Uptown (+2.7), and North Park (+3.1).
- The largest percentage point decreases in employment to population ratios for 20 to 24 year olds from 2005-2009 to 2010-2014 for the South Side Community Areas were Fuller Park (-19.1), Oakland (-25.4), Douglas (-14.4), Grand Boulevard (-12.3), Kenwood (-12.5), South Shore (-9.4), Hyde Park (-10.5), Englewood (-10.6).
- The far South Side Community Areas with the largest percentage point decreases of employment to population ratio for 20 to 24 year olds from 2005-2009 to 2010-2014 included Pullman (-20.3), Riverdale (-14), South Deering (-13.8), West Pullman (-9.7), and Chatham (-8.3).
- Burnside, Forest Glen, and Chicago Lawn had the largest percentage point increases in employment to population ratio for 20 to 24 year olds from 2005-2009 to 2010-2014 with Burnside (+43.3), Forest Glen (+23), and Chicago Lawn (+12).

Map 1: Percent Change of Employment to Population Ratio for 16 to 19 Year Olds by Chicago Community Area, 2005-2009 to 2010-2014



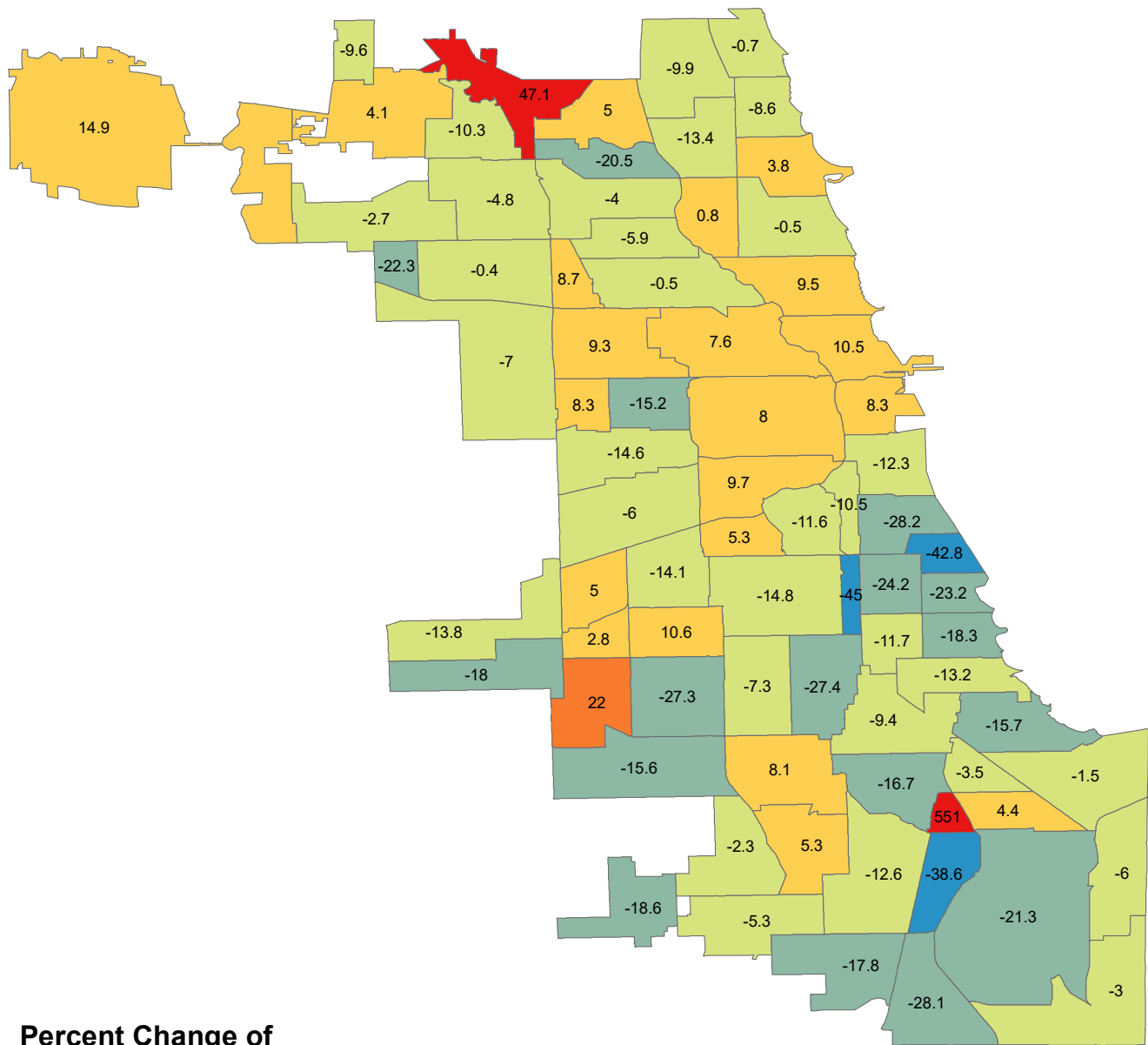
Data Sources: 2005-2009 American Community Survey Estimates. U.S. Census Bureau.
2010-2014 American Community Survey Estimates. U.S. Census Bureau.

Map 2: Percentage Point Difference of Employment to Population Ratio for 16 to 19 Year Olds by Chicago Community Area, 2005-2009 to 2010-2014

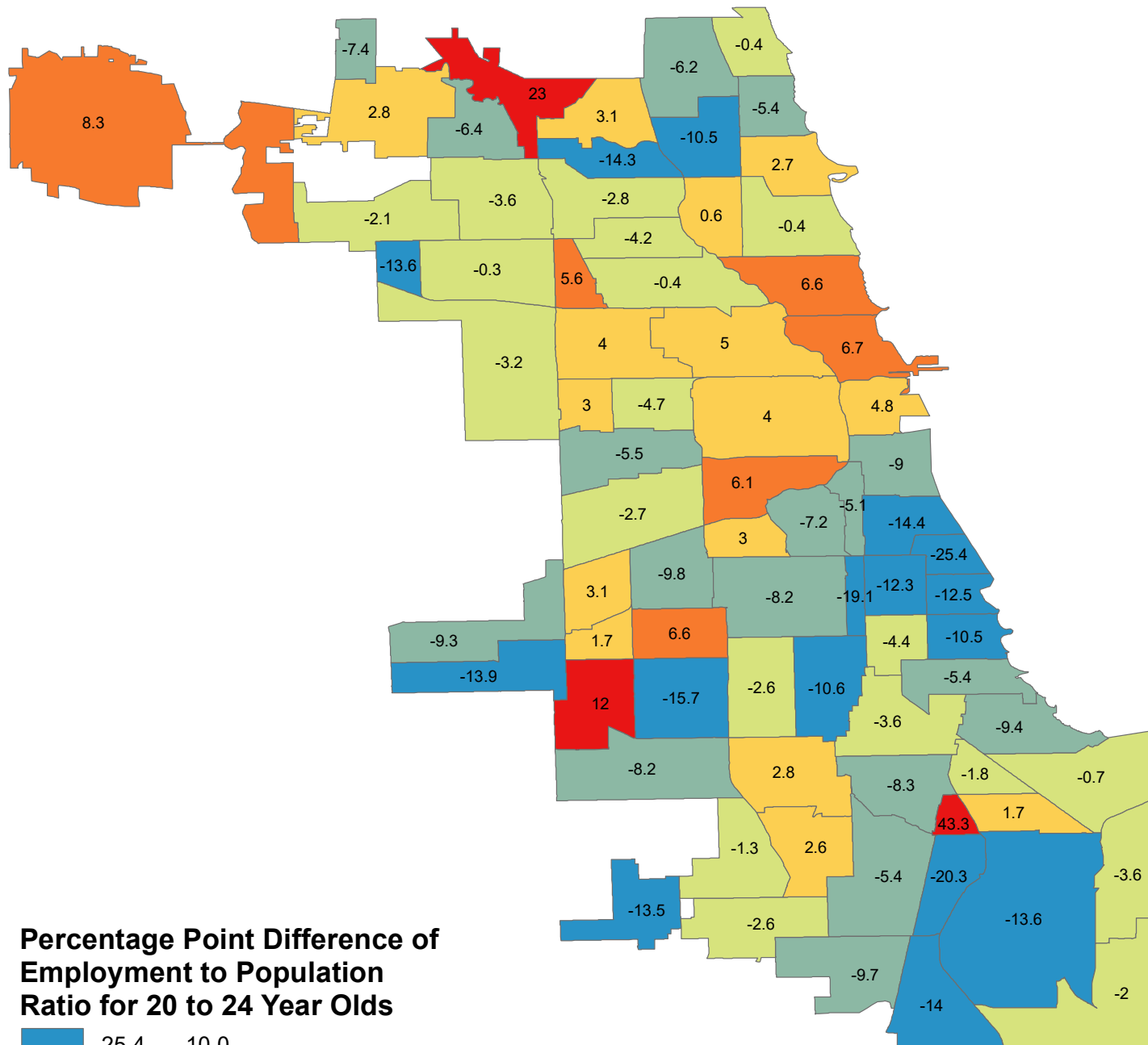


Data Sources: 2005-2009 American Community Survey Estimates. U.S. Census Bureau.
2010-2014 American Community Survey Estimates. U.S. Census Bureau.

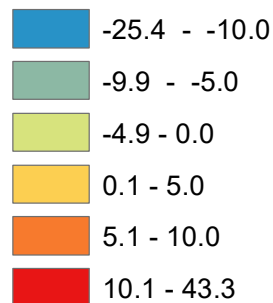
Map 3: Percent Change of Employment to Population Ratio for 20 to 24 Year Olds by Chicago Community Area, 2005-2009 to 2010-2014



Map 4: Percentage Point Difference of Employment to Population Ratio for 20 to 24 Year Olds by Chicago Community Area, 2005-2009 to 2010-2014



Percentage Point Difference of Employment to Population Ratio for 20 to 24 Year Olds



0 2.25 4.5 9 Miles



Data Sources: 2005-2009 American Community Survey Estimates. U.S. Census Bureau.
2010-2014 American Community Survey Estimates. U.S. Census Bureau.

Community Area Number	2005-2009				2010-2014				Employment to Population Ratios				Percentage Point Difference, 2005-2009 to 2010-2014		Percent Change, 2005-2009 to 2010-2014	
	16 to 19		20 to 24		16 to 19		20 to 24		2005-2009		2010-2014		16 to 19	20 to 24		
	Employment	Population	Employment	Population	Employment	Population	Employment	Population	16 to 19	20 to 24	16 to 19	20 to 24				
1	816	2678	3351	5501	640	2830	3458	5715	30.5	60.9	22.6	60.5	-7.9	-0.4	-25.8	-0.7
2	1099	3717	2901	4636	796	3108	2509	4449	29.6	62.6	25.6	56.4	-4.0	-6.2	-13.4	-9.9
3	377	1817	3331	4698	301	1189	2363	3212	20.7	70.9	25.3	73.6	4.6	2.7	22.0	3.8
4	615	1518	1958	2516	129	1012	1119	1661	40.5	77.8	12.7	67.4	-27.8	-10.5	-68.5	-13.4
5	135	668	1422	1841	97	583	1358	1745	20.2	77.2	16.6	77.8	-3.6	0.6	-17.7	0.8
6	560	1291	9580	11734	301	1138	10546	12988	43.4	81.6	26.4	81.2	-16.9	-0.4	-39.0	-0.5
7	834	3053	7690	10984	925	2818	6378	8320	27.3	70.0	32.8	76.7	5.5	6.6	20.2	9.5
8	448	1828	3871	6043	258	1305	4723	6675	24.5	64.1	19.8	70.8	-4.7	6.7	-19.3	10.5
9	111	309	361	468	57	403	316	453	35.9	77.1	14.1	69.8	-21.8	-7.4	-60.6	-9.6
10	674	1532	1671	2495	405	1353	1343	1926	44.0	67.0	29.9	69.7	-14.1	2.8	-32.0	4.1
11	420	1135	1239	1988	242	1025	799	1429	37.0	62.3	23.6	55.9	-13.4	-6.4	-36.2	-10.3
12	260	861	353	724	150	647	581	810	30.2	48.8	23.2	71.7	-7.0	23.0	-23.2	47.1
13	236	1068	673	1071	243	872	723	1096	22.1	62.8	27.9	66.0	5.8	3.1	26.1	5.0
14	941	3372	2812	4040	643	2935	2114	3821	27.9	69.6	21.9	55.3	-6.0	-14.3	-21.5	-20.5
15	843	3417	3131	4157	792	3238	3269	4557	24.7	75.3	24.5	71.7	-0.2	-3.6	-0.9	-4.8
16	588	2160	2102	3013	489	2268	2462	3676	27.2	69.8	21.6	67.0	-5.7	-2.8	-20.8	-4.0
17	798	2370	1956	2585	287	1912	1914	2600	33.7	75.7	15.0	73.6	-18.7	-2.1	-55.4	-2.7
18	263	805	632	1035	137	596	460	969	32.7	61.1	23.0	47.5	-9.7	-13.6	-29.6	-22.3
19	1442	4651	4262	6838	936	5207	3697	5958	31.0	62.3	18.0	62.1	-13.0	-0.3	-42.0	-0.4
20	442	1788	1384	2161	307	1306	1565	2248	24.7	64.0	23.5	69.6	-1.2	5.6	-4.9	8.7
21	453	1969	2694	3800	208	1696	2551	3824	23.0	70.9	12.3	66.7	-10.7	-4.2	-46.7	-5.9
22	965	3716	4418	6133	621	2871	4585	6396	26.0	72.0	21.6	71.7	-4.3	-0.4	-16.7	-0.5
23	559	4158	2080	4858	319	3871	2075	4433	13.4	42.8	8.2	46.8	-5.2	4.0	-38.7	9.3
24	542	2567	4521	6835	409	2503	4585	6445	21.1	66.1	16.3	71.1	-4.8	5.0	-22.6	7.6
25	848	6608	3516	7628	787	6701	3400	7934	12.8	46.1	11.7	42.9	-1.1	-3.2	-8.5	-7.0
26	205	1540	704	1939	51	1148	673	1712	13.3	36.3	4.4	39.3	-8.9	3.0	-66.6	8.3

Community Area Number	2005-2009						2010-2014						Employment to Population Ratios						Percentage Point Difference, 2005-2009 to 2010-2014		Percent Change, 2005-2009 to 2010-2014	
	16 to 19			20 to 24			16 to 19			20 to 24			2005-2009		2010-2014		16 to 19	20 to 24	16 to 19	20 to 24	16 to 19	20 to 24
	Employment	Population	Employment	Population	Employment	Population	Employment	Population	Employment	Population	Employment	Population	16 to 19	20 to 24	16 to 19	20 to 24						
27	345	1755	612	1978	78	1352	477	1817	19.7	30.9	5.8	26.3	13.9	-4.7	-70.7	-15.2						
28	644	3189	2636	5233	582	3553	4277	7862	20.2	50.4	16.4	54.4	-3.8	4.0	-18.9	8.0						
29	306	3168	1158	3070	238	2533	1111	3447	9.7	37.7	9.4	32.2	-0.3	-5.5	-2.7	-14.6						
30	859	5674	3800	8565	600	5327	3150	7553	15.1	44.4	11.3	41.7	-3.9	-2.7	-25.6	-6.0						
31	653	2180	2231	3558	330	1715	2192	3188	30.0	62.7	19.2	68.8	-10.7	6.1	-35.8	9.7						
32	380	1323	1118	1919	526	1805	2323	3681	28.7	58.3	29.1	63.1	0.4	4.8	1.5	8.3						
33	110	390	482	661	149	284	796	1245	28.2	72.9	52.5	63.9	24.3	-9.0	86.0	-12.3						
34	48	581	486	997	92	746	471	1080	8.3	48.7	12.3	43.6	4.1	-5.1	49.3	-10.5						
35	581	1826	1451	2843	339	1331	1001	2730	31.8	51.0	25.5	36.7	-6.3	-14.4	-20.0	-28.2						
36	23	188	185	312	84	493	175	516	12.2	59.3	17.0	33.9	4.8	-25.4	39.3	-42.8						
37	0	233	98	231	0	126	42	180	0.0	42.4	0.0	23.3	0.0	-19.1	0.0	-45.0						
38	283	1119	567	1117	161	1337	558	1451	25.3	50.8	12.0	38.5	-13.2	-12.3	-52.4	-24.2						
39	81	612	572	1064	109	690	699	1693	13.2	53.8	15.8	41.3	2.6	-12.5	19.4	-23.2						
40	148	815	437	1154	90	756	293	876	18.2	37.9	11.9	33.4	-6.3	-4.4	-34.4	-11.7						
41	630	2298	1702	2969	499	2280	1802	3849	27.4	57.3	21.9	46.8	-5.5	-10.5	-20.2	-18.3						
42	259	1551	638	1545	209	2173	770	2147	16.7	41.3	9.6	35.9	-7.1	-5.4	-42.4	-13.2						
43	299	2571	2271	3802	477	3045	1860	3692	11.6	59.7	15.7	50.4	4.0	-9.4	34.7	-15.7						
44	284	1801	1133	2269	83	1637	871	2094	15.8	49.9	5.1	41.6	-10.7	-8.3	-67.8	-16.7						
45	111	615	295	570	63	432	366	733	18.0	51.8	14.6	49.9	-3.5	-1.8	-19.2	-3.5						
46	447	2203	1019	2300	310	1738	969	2221	20.3	44.3	17.8	43.6	-2.5	-0.7	-12.1	-1.5						
47	31	354	21	267	71	193	85	166	8.8	7.9	36.8	51.2	28.0	43.3	320.1	551.0						
48	148	733	417	1046	26	561	243	584	20.2	39.9	4.6	41.6	-15.6	1.7	-77.0	4.4						
49	687	3851	1361	3179	159	3206	1098	2936	17.8	42.8	5.0	37.4	-12.9	-5.4	-72.2	-12.6						
50	72	411	255	485	17	293	115	356	17.5	52.6	5.8	32.3	-11.7	-20.3	-66.9	-38.6						
51	276	1464	631	987	84	999	577	1147	18.9	63.9	8.4	50.3	-10.4	-13.6	-55.4	-21.3						
52	541	1847	1099	1824	274	1413	931	1644	29.3	60.3	19.4	56.6	-9.9	-3.6	-33.8	-6.0						

Community Area Number	2005-2009				2010-2014				Employment to Population Ratios				Percentage Point Difference, 2005-2009 to 2010-2014		Percent Change, 2005-2009 to 2010-2014	
	16 to 19		20 to 24		16 to 19		20 to 24		2005-2009		2010-2014		16 to 19	20 to 24	16 to 19	20 to 24
	Employment	Population	Employment	Population	Employment	Population	Employment	Population	16 to 19	20 to 24	16 to 19	20 to 24				
53	565	2687	1354	2502	98	1868	871	1959	21.0	54.1	5.2	44.5	-15.8	-9.7	-75.1	-17.8
54	35	351	233	469	29	451	249	697	10.0	49.7	6.4	35.7	-3.5	-14.0	-35.5	-28.1
55	127	368	385	585	29	362	295	462	34.5	65.8	8.0	63.9	-26.5	-2.0	-76.8	-3.0
56	451	1631	1503	2225	487	2009	1188	2041	27.7	67.6	24.2	58.2	-3.4	-9.3	-12.3	-13.8
57	227	606	658	1136	146	872	753	1184	37.5	57.9	16.7	63.6	-20.7	5.7	-55.3	9.8
58	627	3071	2518	3626	401	3272	2243	3761	20.4	69.4	12.3	59.6	-8.2	-9.8	-40.0	-14.1
59	328	1009	577	1025	130	831	689	1162	32.5	56.3	15.6	59.3	-16.9	3.0	-51.9	5.3
60	325	1471	1304	2103	202	1469	1644	2998	22.1	62.0	13.8	54.8	-8.3	-7.2	-37.8	-11.6
61	741	3040	2173	3901	563	3165	1728	3641	24.4	55.7	17.8	47.5	-6.6	-8.2	-27.0	-14.8
62	283	988	1050	1667	298	1372	1037	1602	28.6	63.0	21.7	64.7	-6.9	1.7	-24.2	2.8
63	759	2722	2078	3374	436	2856	2250	3302	27.9	61.6	15.3	68.1	-12.6	6.6	-45.3	10.6
64	421	1269	1265	1643	204	1091	819	1298	33.2	77.0	18.7	63.1	-14.5	-13.9	-43.6	-18.0
65	479	1998	1083	1984	412	2243	1640	2462	24.0	54.6	18.4	66.6	-5.6	12.0	-23.4	22.0
66	692	3573	2761	4799	689	4482	1899	4540	19.4	57.5	15.4	41.8	-4.0	-15.7	-20.6	-27.3
67	389	3335	1199	3335	233	2317	911	2734	11.7	36.0	10.1	33.3	-1.6	-2.6	-13.8	-7.3
68	191	2492	1066	2762	218	1915	681	2432	7.7	38.6	11.4	28.0	3.7	-10.6	48.5	-27.4
69	243	2292	1134	2932	184	2252	860	2455	10.6	38.7	8.2	35.0	-2.4	-3.6	-22.9	-9.4
70	610	3124	1872	3546	564	2888	1496	3356	19.5	52.8	19.5	44.6	0.0	-8.2	0.0	-15.6
71	404	3913	1439	4173	295	3014	1159	3110	10.3	34.5	9.8	37.3	-0.5	2.8	-5.2	8.1
72	315	1179	619	1084	218	1098	630	1129	26.7	57.1	19.9	55.8	-6.9	-1.3	-25.7	-2.3
73	134	1360	830	1732	174	1702	1165	2308	9.9	47.9	10.2	50.5	0.4	2.6	3.8	5.3
74	561	1266	815	1126	337	1183	706	1199	44.3	72.4	28.5	58.9	-15.8	-13.5	-35.7	-18.6
75	218	1270	539	1096	248	1544	939	2017	17.2	49.2	16.1	46.6	-1.1	-2.6	-6.4	-5.3
76	47	318	609	1101	42	421	487	766	14.8	55.3	10.0	63.6	-4.8	8.3	-32.5	14.9
77	1009	3158	3060	4860	694	2559	2390	4153	32.0	63.0	27.1	57.5	-4.8	5.4	-15.1	-8.6

