Revitalizing Manufacturing and Expanding Opportunities for Chicago's Black and Latino Communities

APPENDIX 1: DATA SOURCES AND METHODOLOGY

Data sources used in this report include the U.S. Census Bureau's Quarterly Workforce Indicators (QWI), American Community Survey (ACS), Longitudinal Employer Household Dynamics (LEHD), and Survey of Business Owners and Self-Employed Persons (SBO), and Burning Glass Technologies' Labor Insight Jobs.

1994 to 2017 QWI data used in this report were classified by the North American Industry Classification System (NAICS) codes at both the two-digit industry level and four-digit sub-industry level. QWI data were used for total employment counts, employment counts by race/ethnicity, employment counts by age, and average monthly wages. 2017 data was for Quarters 1 and 2 of 2017 unless otherwise specified. Data was web-retrieved from the QWI Explorer and from the LED Extraction Tool provided by the U.S. Census Bureau.

Three ACS data products were used in this report. 2016 ACS one-year estimate data were used for the unemployment rate by race/ethnicity and median household income by race/ethnicity. 2016 ACS one-year estimate Public Use Microdata (PUMS) data was used to calculate employment by occupation in the manufacturing industry data, out of work rates for twenty to twenty-four-year olds, and out-of-school and out-of-work rates for twenty to twenty-four-year olds. 2012–2016 ACS five-year estimates data were used for the population by race/ethnicity dot density map, which is displayed at the census tract level. ACS data were web retrieved from American Fact Finder.

LEHD data was used for manufacturing counts by Chicago community area and Census-designated place. Data was web-retrieved from OnTheMap and processed with GIS software. LEHD point data was spatially joined with Chicago community area and Census-designated-place geographies to obtain manufacturing employment counts.

SBO data was used to for total firm and manufacturing firm ownership by race/ethnicity data. SBO data was web-retrieved from American Fact Finder.

Burning Glass Technologies' Labor Insight Jobs data was used for job postings data. The time period used for this

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analysis was April 1, 2017 to March 31, 2018, which represented the most recent available. Labor Insight Jobs data was analyzed at the industry level using NAICS classifications and by occupation level using Burning Glass occupation groupings. Data included in this report from Labor Insight Jobs includes number of job postings, salary, education level, and experience referenced and skills requested in job postings. For more information on this data source, see https://www.burning-glass.com/about/faq/.

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APPENDIX 2: LOCATOR MAPS OF COUNTIES, CENSUS PLACES, AND
CHICAGO COMMUNITY AREAS IN THE CHICAGO REGION

JUNE 6, 2018 — TERESA L. CÓRDOVA, PH.D., MATTHEW D. WILSON, AND ANDREW STETTNER

APPENDIX 2 MAP 1
Counties in the Chicago Region Reference Map
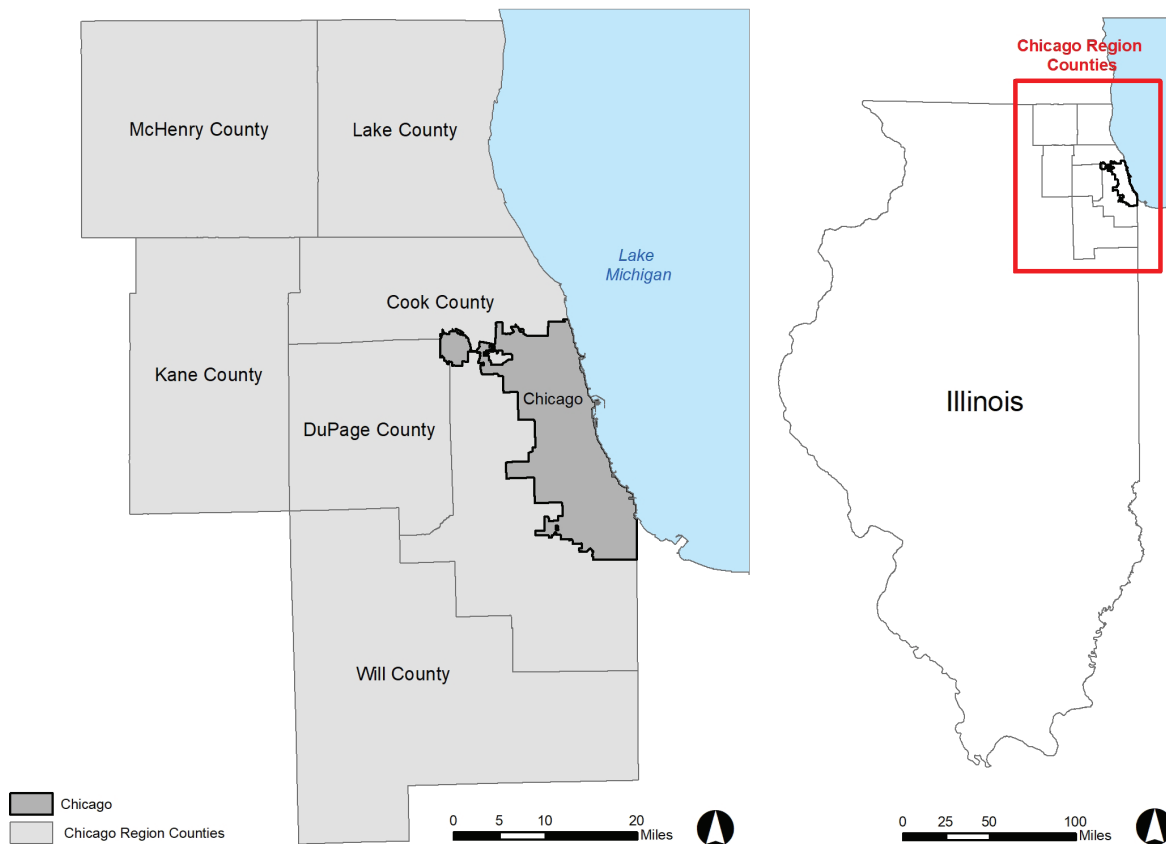
This report can be found online at: https://tcf.org/content/report/revitalizing-manufacturing-expanding-opportunities-chicagos-black-latino-communities/.

Chicago Region Census Place Reference Map

Legend:
- Cook and Collar Counties
- Chicago Region Places

Lake Michigan

0   5   10   20 Miles
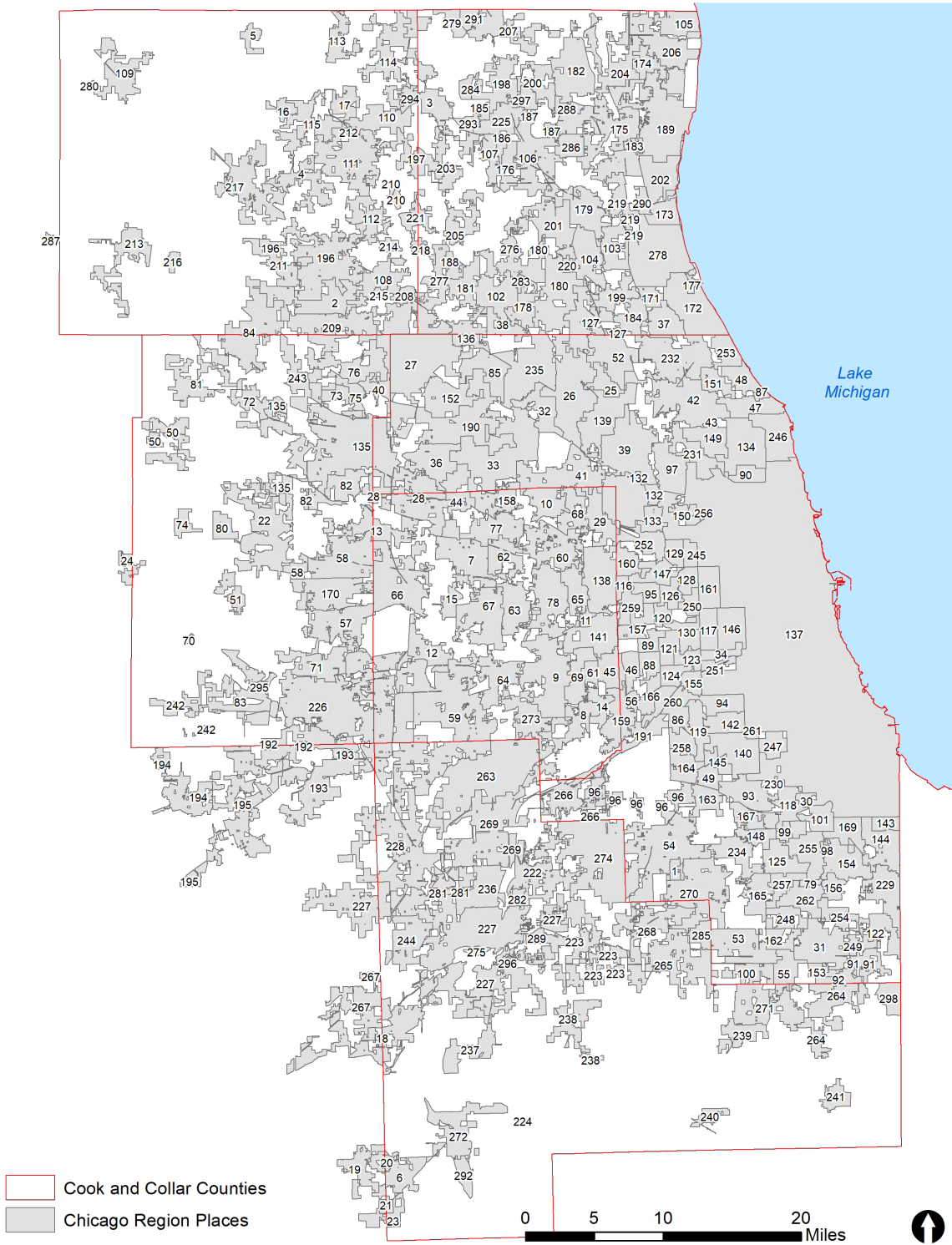
Census Place Map Labels

Label	Place	Label	Place	Label	Place	Label	Place
1	Orland Hills	76	Carpentersville	151	Northfield	226	Aurora
2	Lake in the Hills	77	Bloomingdale	152	South Barrington	227	Joliet
3	Fox Lake	78	Lombard	153	South Chicago Heights	228	Plainfield
4	Bull Valley	79	East Hazel Crest	154	South Holland	229	Lansing
5	Hebron	80	Lily Lake	155	Summit	230	Merrionette Park
6	Braidwood	81	Hampshire	156	Thornton	231	Niles
7	Carol Stream	82	South Elgin	157	Westchester	232	Northbrook
8	Darien	83	Sugar Grove	158	Roselle	233	North Riverside
9	Downers Grove	84	Huntley	159	Burr Ridge	234	Oak Forest
10	Itasca	85	Inverness	160	Northlake	235	Palatine
11	Oakbrook Terrace	86	Justice	161	Oak Park	236	Crest Hill
12	Warrenville	87	Kenilworth	162	Olympia Fields	237	Elwood
13	Wayne	88	La Grange	163	Palos Heights	238	Manhattan
14	Willowbrook	89	La Grange Park	164	Palos Hills	239	Monee
15	Winfield	90	Lincolnwood	165	Country Club Hills	240	Peotone
16	Greenwood	91	Sauk Village	166	Countryside	241	Beecher
17	Ringwood	92	Steger	167	Crestwood	242	Big Rock
18	Channahon	93	Alsip	168	Dixmoor	243	Gilberts
19	Coal City	94	Bedford Park	169	Dolton	244	Shorewood
20	Diamond	95	Bellwood	170	Geneva	245	Elmwood Park
21	Godley	96	Palos Park	171	Bannockburn	246	Evanston
22	Campton Hills	97	Park Ridge	172	Highland Park	247	Evergreen Park
23	Braceville	98	Phoenix	173	Lake Bluff	248	Flossmoor
24	Maple Park	99	Posen	174	Beach Park	249	Ford Heights
25	Prospect Heights	100	Richton Park	175	Gurnee	250	Forest Park
26	Arlington Heights	101	Riverdale	176	Hainesville	251	Forest View
27	Barrington Hills	102	Lake Zurich	177	Highwood	252	Franklin Park
28	Bartlett	103	Mettawa	178	Kildeer	253	Glencoe
29	Bensenville	104	Vernon Hills	179	Libertyville	254	Glenwood
30	Calumet Park	105	Winthrop Harbor	180	Long Grove	255	Harvey
31	Chicago Heights	106	Grayslake	181	North Barrington	256	Harwood Heights
32	Rolling Meadows	107	Round Lake	182	Old Mill Creek	257	Hazel Crest
33	Schaumburg	108	Cary	183	Park City	258	Hickory Hills
34	Stickney	109	Harvard	184	Riverwoods	259	Hillside
35	Stone Park	110	Johnsburg	185	Round Lake Heights	260	Hodgkins
36	Streamwood	111	McHenry	186	Round Lake Park	261	Hometown
37	Deerfield	112	Prairie Grove	187	Third Lake	262	Homewood
38	Deer Park	113	Richmond	188	Tower Lakes	263	Bolingbrook
39	Des Plaines	114	Spring Grove	189	Waukegan	264	Crete
40	East Dundee	115	Wonder Lake	190	Hoffman Estates	265	Frankfort
41	Elk Grove Village	116	Berkeley	191	Willow Springs	266	Lemont
42	Glenview	117	Berwyn	192	Montgomery	267	Minooka
43	Golf	118	Blue Island	193	Oswego	268	Mokena
44	Hanover Park	119	Bridgeview	194	Plano	269	Romeoville
45	Hinsdale	120	Broadview	195	Yorkville	270	Tinley Park
46	Western Springs	121	Brookfield	196	Crystal Lake	271	University Park
47	Wilmette	122	Lynwood	197	Lakemoor	272	Wilmington
48	Winnetka	123	Lyons	198	Lake Villa	273	Woodridge
49	Worth	124	McCook	199	Lincolnshire	274	Homer Glen
50	Burlington	125	Markham	200	Lindenhurst	275	Rockdale
51	Elburn	126	Maywood	201	Mundelein	276	Hawthorn Woods
52	Wheeling	127	Buffalo Grove	202	North Chicago	277	Lake Barrington
53	Matteson	128	River Forest	203	Volo	278	Lake Forest
54	Orland Park	129	River Grove	204	Wadsworth	279	Channel Lake
55	Park Forest	130	Riverside	205	Wauconda	280	Chemung
56	Indian Head Park	131	Robbins	206	Zion	281	Crystal Lawns
57	Batavia	132	Rosemont	207	Antioch	282	Fairmont
58	St. Charles	133	Schiller Park	208	Fox River Grove	283	Forest Lake
59	Naperville	134	Skokie	209	Algonquin	284	Fox Lake Hills
60	Addison	135	Elgin	210	Holiday Hills	285	Frankfort Square
61	Clarendon Hills	136	Barrington	211	Lakewood	286	Gages Lake
62	Glendale Heights	137	Chicago	212	McCullom Lake	287	Garden Prairie
63	Glen Ellyn	138	Elmhurst	213	Marengo	288	Grandwood Park
64	Lisle	139	Mount Prospect	214	Oakwood Hills	289	Ingalls Park
65	Villa Park	140	Oak Lawn	215	Trout Valley	290	Knollwood
66	West Chicago	141	Oak Brook	216	Union	291	Lake Catherine
67	Wheaton	142	Burbank	217	Woodstock	292	Lakewood Shores
68	Wood Dale	143	Burnham	218	Port Barrington	293	Long Lake
69	Westmont	144	Calumet City	219	Green Oaks	294	Pistakee Highlands
70	Kaneville	145	Chicago Ridge	220	Indian Creek	295	Prestbury
71	North Aurora	146	Cicero	221	Island Lake	296	Preston Heights
72	Pingree Grove	147	Melrose Park	222	Lockport	297	Venetian Village
73	Sleepy Hollow	148	Midlothian	223	New Lenox	298	Willowbrook
74	Virgil	149	Morton Grove	224	Symerton		
75	West Dundee	150	Norridge	225	Round Lake Beach		

Chicago Region Census Place Reference Map

Number	COMMUNITY AREA
1	ROGERS PARK
2	WEST RIDGE
3	UPTOWN
4	LINCOLN SQUARE
5	NORTH CENTER
6	LAKE VIEW
7	LINCOLN PARK
8	NEAR NORTH SIDE
9	EDISON PARK
10	NORWOOD PARK
11	JEFFERSON PARK
12	FOREST GLEN
13	NORTH PARK
14	ALBANY PARK
15	PORTAGE PARK
16	IRVING PARK
17	DUNNING
18	MONTCLARE
19	BELMONT CRAGIN
20	HERMOSA
21	AVONDALE
22	LOGAN SQUARE
23	HUMBOLDT PARK
24	WEST TOWN
25	AUSTIN
26	WEST GARFIELD PARK
27	EAST GARFIELD PARK
28	NEAR WEST SIDE
29	NORTH LAWNDALE
30	SOUTH LAWNDALE
31	LOWER WEST SIDE
32	LOOP
33	NEAR SOUTH SIDE
34	ARMOUR SQUARE
35	DOUGLAS
36	OAKLAND
37	FULLER PARK
38	GRAND BOULEVARD
39	KENWOOD
40	WASHINGTON PARK
41	HYDE PARK
42	WOODLAWN
43	SOUTH SHORE
44	CHATHAM
45	AVALON PARK
46	SOUTH CHICAGO
47	BURNSIDE
48	CALUMET HEIGHTS
49	ROSELAND
50	PULLMAN

Number	COMMUNITY AREA
51	SOUTH DEERING
52	EAST SIDE
53	WEST PULLMAN
54	RIVERDALE
55	HEGEWISCH
56	GARFIELD RIDGE
57	ARCHER HEIGHTS
58	BRIGHTON PARK
59	MCKINLEY PARK
60	BRIDGEPORT
61	NEW CITY
62	WEST ELSDON
63	GAGE PARK
64	CLEARING
65	WEST LAWN
66	CHICAGO LAWN
67	WEST ENGLEWOOD
68	ENGLEWOOD
69	GREATER GRAND CROSSING
70	ASHBURN
71	AUBURN GRESHAM
72	BEVERLY
73	WASHINGTON HEIGHTS
74	MOUNT GREENWOOD
75	MORGAN PARK
76	OHARE
77	EDGEWATER

Lake Michigan

Chicago Community Areas

0   1.5   3   6 Miles