



Environmental Scan

2021



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Report completed June 2021

The findings and conclusions presented in this report are those of the authors alone and do not necessarily reflect the views, opinions, or policies of the officers and/or trustees of Northern Illinois University.

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Executive Summary

At the time of the publication this report the world is experiencing a catastrophic global pandemic. The magnitude and duration of the impacts are unclear, but in the near-term are having dramatic effects on educational institutions. It is evident that distance learning and education-related technologies will receive a major boost and those institutions that are planning and investing wisely will be at a competitive advantage. There is no data available at this stage to convey how the pandemic will impact the Oakton region, but it is clear there will be great impacts to the national and global economies. However, unlike man-made disasters, natural disasters tend quickly recover in comparison. The adjustments will be more pronounced with the pandemic forcing structural changes to how higher education is able to carry on their mission. While much of the data at the time of writing this report is not timely to produce information on how society is impacted, it is clear there will be long-lasting effects that may become permanent, such as online curriculum.

The two most important characteristics that will have far-reaching impacts on the business community and educational institutions are growing racial and ethnic diversity and the aging of the workforce. While this is a common trend throughout the country, it presents some unique challenges and opportunities for Oakton Community College. In addition to meeting the education and training demands caused by structural changes in the regional economy brought on by globalization and technological advances, businesses and educational institutions will need to adjust their approaches to meet the needs of a more diverse and aging workforce. This could include reshaping outreach and programs that address linguistic or cultural barriers, developing new and innovative approaches, reversing the decline in youth labor force participation, or helping older displaced workers transition to new careers.

Illinois higher education is facing a challenging environment. It holds abundant opportunities for preparing a new generation of workers for rewarding careers, as well as helping mid- and late-career workers to remain productive and competitive as new technologies continue to reshape the economy and workforce. Oakton, along with its peer institutions, will also face ongoing challenges in changing demographics, slow and uneven economic growth, fiscal uncertainty, and rapidly changing demands for educational programs and platforms. This report provides the basis for strategic planning by presenting relevant data and analysis necessary for Oakton College stakeholders to make better informed decisions about the future goals, priorities, and direction of the institution.

Introduction

The nation has experienced perhaps the most tragic pandemic since the Spanish Flu in 1918. Covid-19 has impacted every facet of our daily lives and recovery will not occur overnight. Massive waves of unemployment due to business shut-downs, online education replacing in-person learning, along with many other adjustments. At the time this report is being written, vaccinations are being distributed on an increasing scale to try to prevent another surge of infections, as variants invade every state in the union¹ so the nation is not out of the woods yet.

Figure 1: Oakton District in Cook County



Financial indicators such as unemployment rates, housing values, wages, and many others, suggest that the resources needed to pay for postsecondary education will be directly impacted. The decrease in resources is a critical consideration for institutional planning. The recovery from the Pandemic will be long-term as the damage physically, mentally, and economically is already apparent. Unfortunately, in this report it is not always possible to access data showing all trends as many datasets are lagged. However, whenever it is feasible the most updated data is presented. Other economic, demographic, workforce, technological, and political trends are important to consider as they all shape the opportunities and challenges before Oakton Community College.

This environmental scan is intended to provide a baseline of information for Oakton Community College's next strategic planning process to begin in 2021. Understanding the implications of the current impacts of the pandemic and other relevant trends and dynamics at the local, regional, state, national and global levels will assist Oakton in charting the best course of future action. The environmental scan provides insight on many indicators and trends in the areas of demographics, economics, K-12 sender districts, housing, and workforce.

Primary data sources used for this scan included public agencies such as the Illinois Department of Employment Security, Illinois State Board of Education, U.S. Bureau of Labor Statistics, U.S. Census Bureau,

¹ <https://www.cidrap.umn.edu/news-perspective/2021/02/heads-covid-vaccine-firms-promise-dose-ramp>

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the National Center for Education Statistics, and the Illinois Department of Revenue. Additional resources also came from private institutions providing freely accessible data, such as the Woodstock Institute research on foreclosures. Two subscription data sources included are the Society for College and University Planning (SCUP) used to create thought provoking discussions on additional topics throughout the scan and Labor Insight Burning Glass to list characteristics in local job listings.

The most current data are used in the environmental scan. However, data may lag by one or two years due to the time it takes agencies to process and publish the data. The U.S. Census Bureau data is from the American Community Survey five-year estimates, which is necessary because the populations of the sender districts are too small to have one-year data available to produce annual trends.

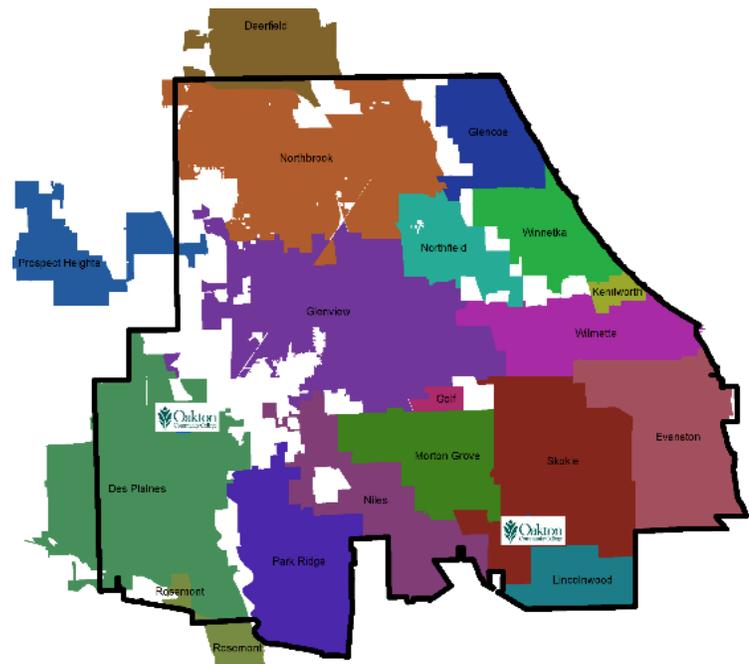
Geography

Data is not available for the Oakton Community College district that aligns with the district boundaries. Therefore, a proxy is necessary. The closest approximation would be five townships: Evanston, Maine, New Trier, Niles, and Northfield and is referred to as the *Oakton region*. Leyden, Wheeling, and Norwood townships also overlap the district but only by a small amount, so they are not included. Therefore, the population estimates used in this report are the aggregation of those five townships which leads to a slight undercount. Some data is not published at the township level so other proxies must be used. For example, the workforce data is published at the county level, in which case Cook County is utilized. Evanston Township was dissolved in 2014 and became the same as Evanston City but will be referenced in this report as Evanston township for consistency.

The Oakton district encompasses approximately 109 square miles out of a total 945 square miles in Cook County. The district was home to approximately 451,256 residents in 2010 and has since gained population to 458,119 residents in 2019. A gain of 6,863 residents, on net, this decade.

There are 14 municipalities located within the Oakton district: Golf, Kenilworth, Northfield, Glencoe, Winnetka, Lincolnwood, Morton Grove, Wilmette, Niles, Northbrook, Park Ridge, Glenview, Skokie, and Evanston (Figure 2). Four additional municipalities only partially overlap the district: Prospect Heights, Deerfield, Rosemont, and Des Plaines.

Figure 2: Municipalities Overlapping Oakton District



Demographics

The face of the Oakton Region has been changing dramatically over the last decade. This section portrays some of the changes and explains why they are important to monitor by Oakton Community College. Having knowledge of what future changes (or lack of change) may take place helps to inform decision-making processes.

Population

Figure 3 shows Illinois lost 0.1% of its population since 2010, while the nation gained 7.4%. The only state that lost a greater proportion of its population is West Virginia of 3.2% and a much greater numeric loss of almost 60,000 residents. The only other state with a population loss is Mississippi (-0.2%, 6,018 people).

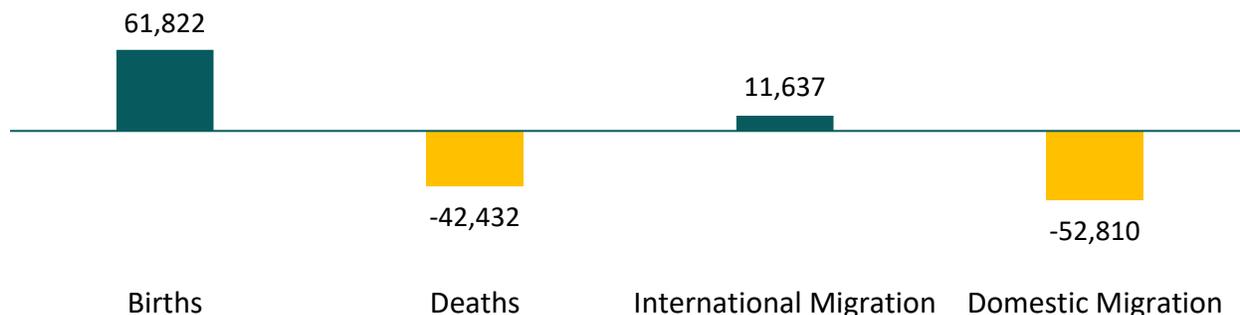
Figure 3: Illinois Population Count, 2010-20 Census

	Illinois	U.S.
2010	12,830,632	308,745,538
2020	12,812,508	331,449,281
Change	-18,124	22,703,743
Percent	-0.1%	7.4%

Source: U.S. Census Bureau, Decennial Census.

Figure 4 shows the impact of various forces on the overall population in Illinois for 2019. The births have been declining, but still outnumber deaths, so there is a positive net increase. As the birth and death rates converge, further declines in overall population in Illinois are expected. However, the largest contributor to population loss in Illinois belongs to domestic migration. Domestic migration is the movement of residents from one state to another state. People are moving all the time and, unfortunately for Illinois, more have been moving out than into Illinois.

Figure 4: Components of Population Change in Cook County, 2019

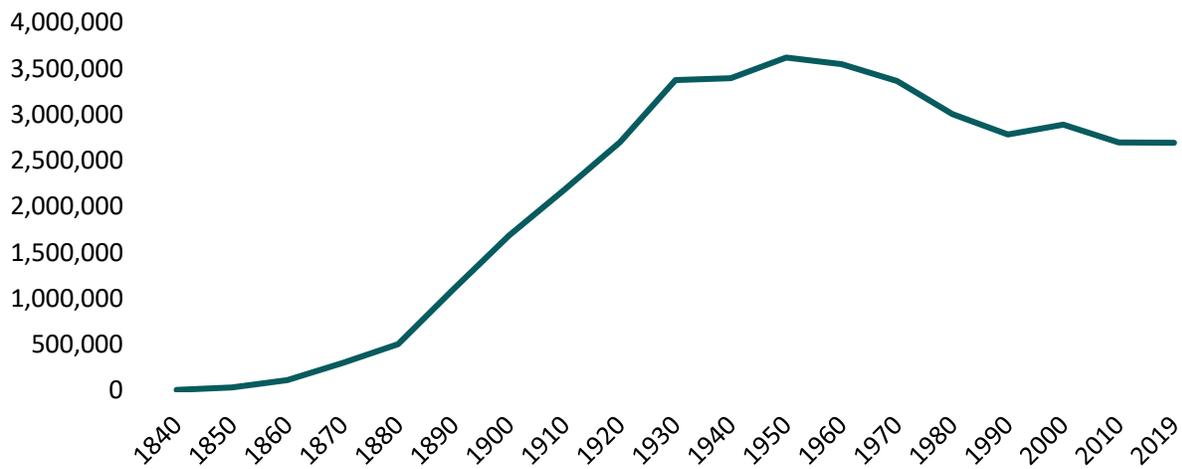


Source: U.S. Census Bureau, Population Estimates Program.

The City of Chicago peaked in population in 1950 at just over 3.6 million residents. However, at the end of World War II there was big demand for suburban living and developments encircled the city pulling residents out of the city to larger plots of land and more amenities. The population has continued to decline since then to numbers not seen since 1910. Considering the city is geographically locked by the lake and suburbs, Chicago is not able to grow like other cities. Houston will be passing Chicago soon in population numbers due to the ability to sprawl out as new developments are continuously added.

The population in Chicago affects the population change in the Oakton region due to the density of residential development. There has been a minimal population loss since 2010 of 0.14%, or 3,674 residents.

Figure 5: Chicago Population (1840-2019)



Source: U.S. Census Bureau, Population Estimates.

The Oakton Region has shown a population increase since 2010 according to the Decennial Census. Northfield township has grown the most at 7.6%, adding 6,463 new residents. New Trier, the smallest township, grew 3.5% adding 1,947 new residents. Overall, the townships added 23,387 new residents, or grew by 5.1% (Figure 6).

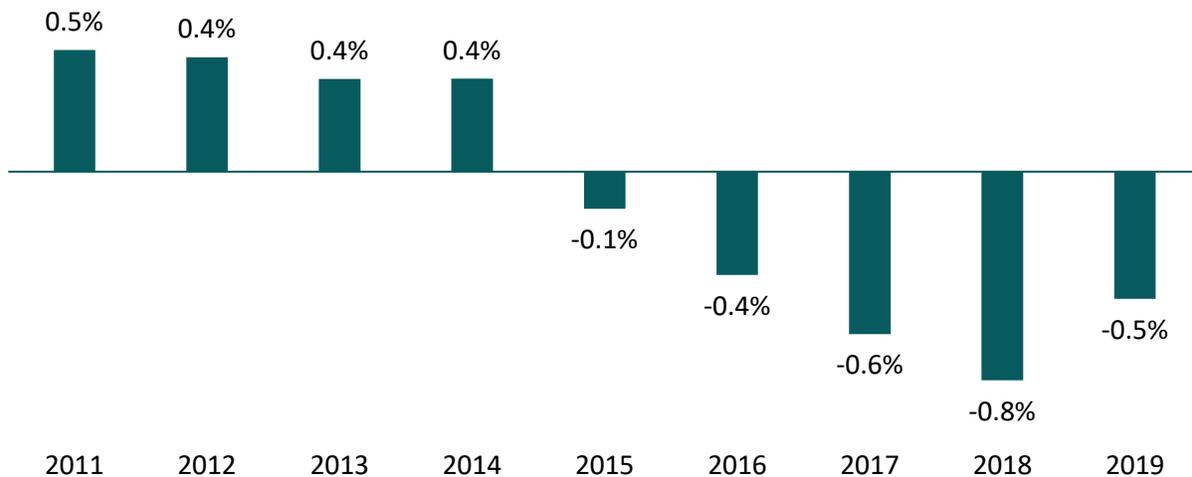
Figure 6: Change in Population for Oakton Region, 2010-20

	2010	2020	Numeric Change	Percent Change
Evanston township	74,486	78,110	3,624	4.9%
Maine township	135,772	140,600	4,828	3.6%
New Trier township	55,424	57,371	1,947	3.5%
Niles township	105,882	112,407	6,525	6.2%
Northfield township	85,102	91,565	6,463	7.6%
TOTAL	456,666	480,053	23,387	5.1%

Source: U.S. Census Bureau, Decennial Census.

The Population Estimates program at the U.S. Census Bureau provides administrative data to detect fluctuations in population counts between Censuses. The aggregation of the municipalities over the decade shows a loss of 0.9%, or 3,220 residents. The population gain occurs through 2014 and has been on the decline since. In 2019, the loss was not as large and only time will tell if this is a sign of another reversal. Throughout Illinois, the reversal of population growth began in the middle of the decade so much of the population loss is overshadowed by the population growth in the first half of the decade.

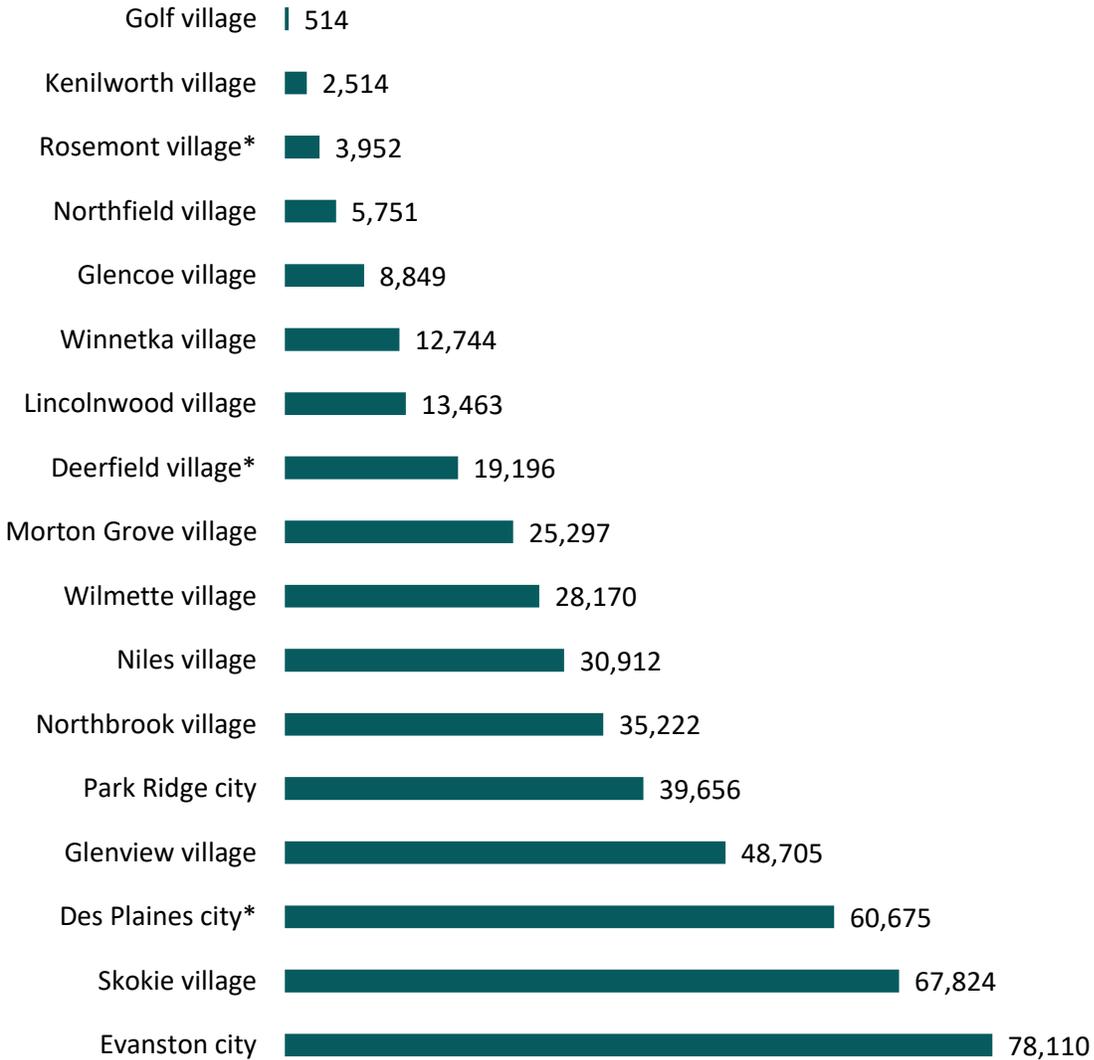
Figure 7: Population Change Among Oakton Municipalities



Source: U.S. Census Bureau, Population Estimates Program.

Most of the residential population are living within city boundaries. Figure 8 shows the current population counts for the communities that overlap the Oakton district. Evanston is the largest municipality with a population count of 78,110 residents and Golf is the smallest municipality of 514 residents.

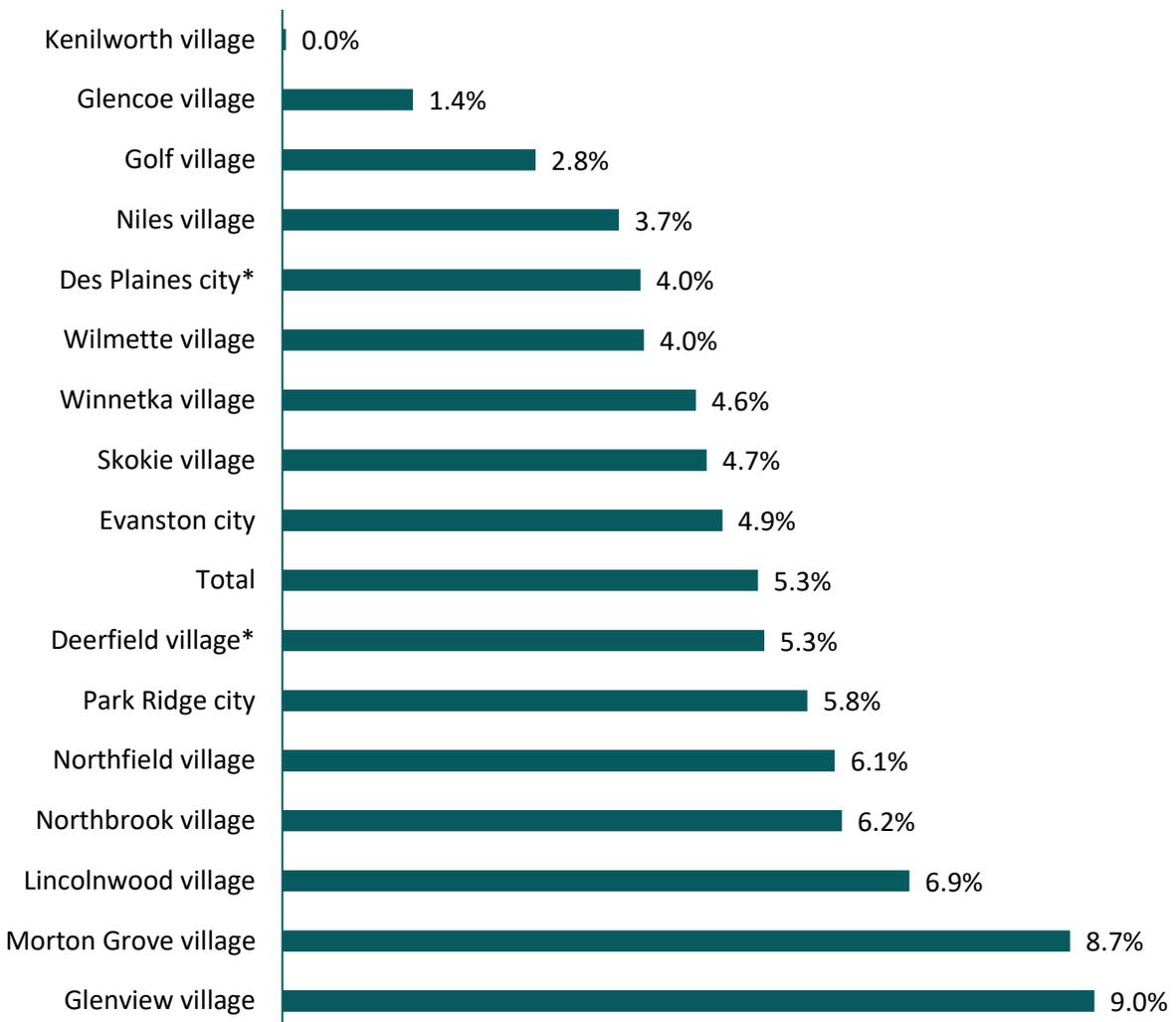
Figure 8: Population of Municipalities that Overlap Oakton's District – 2020



Source: U.s. Census Bureau, 2020 Census.

Those same communities have experienced varying degrees of population loss or growth since 2010. Figure 9 shows the change from the Census in 2010 until 2020. Rosemont lost 5.9% of their residents, representing 250 people. Most of the municipalities are showing population growth. The municipalities aggregated together shows an additional 24,058 residents, a 5.3% increase in the more densely populated areas.

Figure 9: Population Change of Municipalities that Overlap Oakton's District, 2010-20

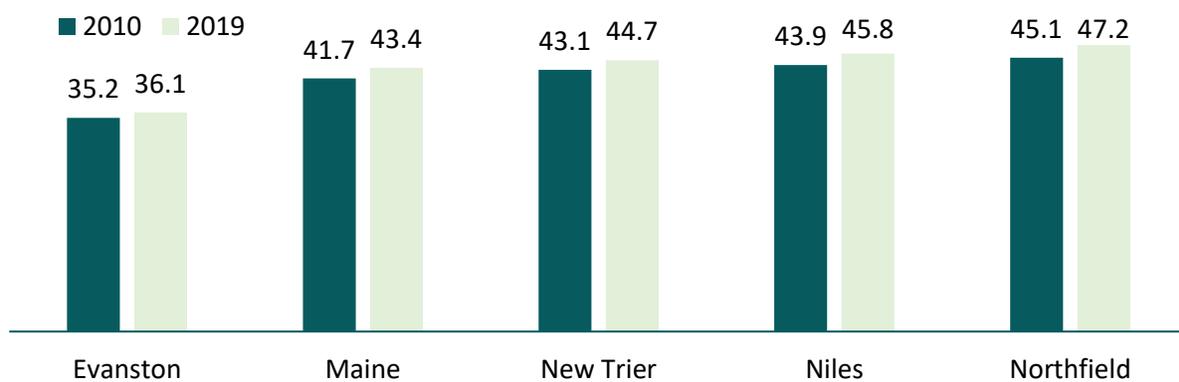


Source: U.S. Census Bureau, 2020 Census.
*Municipalities only partially in the district.

Age and Gender Characteristics

The population in the United States is aging. Although the declining birth rates play a role, the driving force behind America’s aging is the Baby Boomer generation. As one of the largest generations in the country, the Baby Boomers leave a substantial imprint on the population. They swelled the ranks of the young when they were born and then the workforce as they entered adulthood. Now, Baby Boomers are expanding the number of adults aged 65 or over. Figure 10 shows the median age increasing in every township. The aging is a national phenomenon.

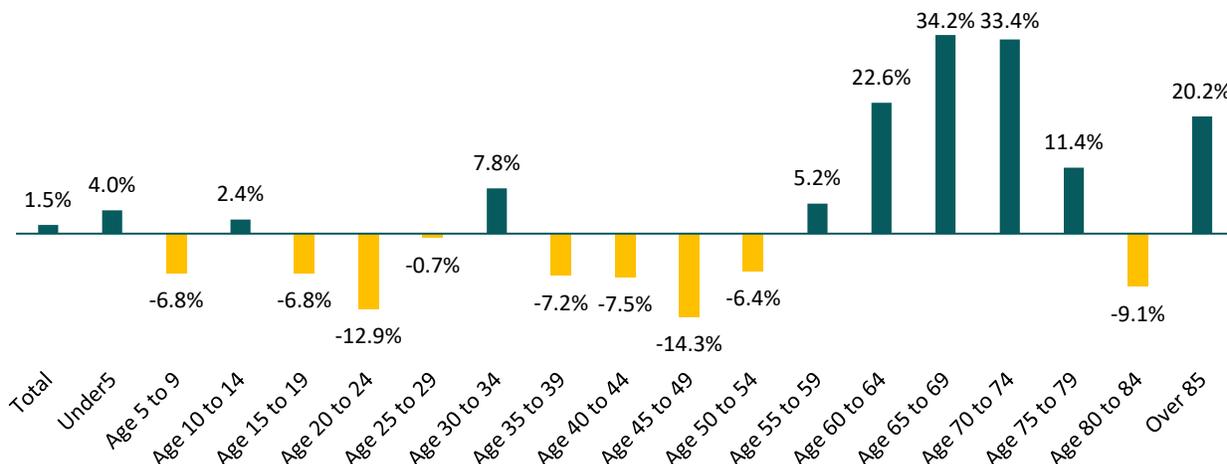
Figure 10: Median Age by Township, 2010-19



Source: U.S. Census Bureau, American Community Survey Five-Year data.

There are more females than males in the Oakton region. There are 220,290 males compared to 237,829 females, a difference of 17,539 more females. Most of the additional females are in the older age groups, especially over the age of 85 years where the number of females is almost double that of males. There is a similar trend throughout the state as females have typically longer life spans (see Figure 11).

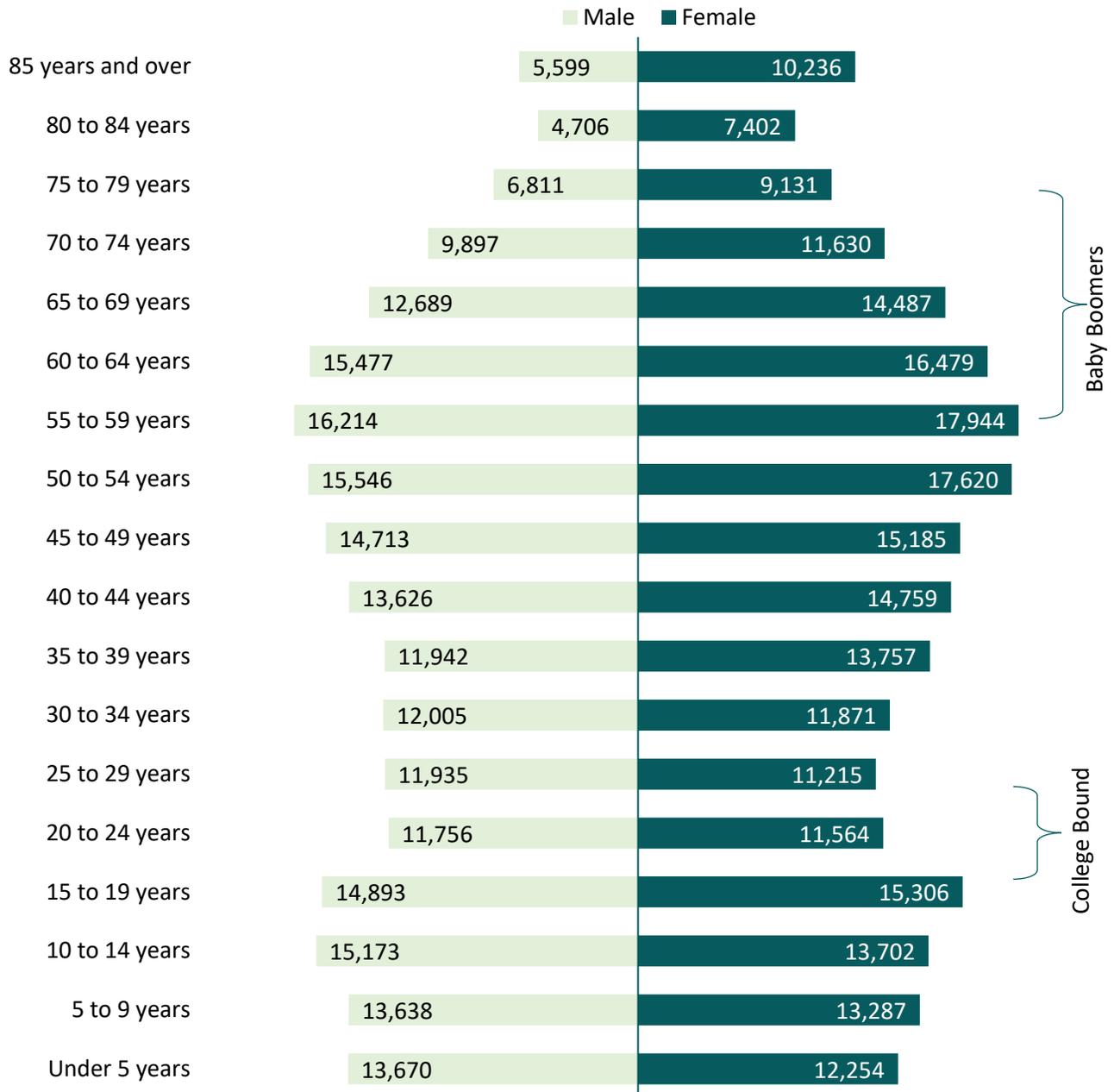
Figure 11: Change in Age Groups in Oakton's Region (2010-2019)



Source: U.S. Census Bureau, Five Year American Community Survey.

Figure 12 shows the age pyramid of males and females in the Oakton region by age groups. The Baby Boomer generation is still the largest cohorts. When a community exhibits larger groups at the top and bottom of the pyramid with the smaller age groups of working age in the middle, there are stressors that impact the community. The pattern means there are fewer people able to bring income to help care for those who are too young or old to be working full time.

Figure 12: Age Pyramid of Oakton Region Residents (2019)

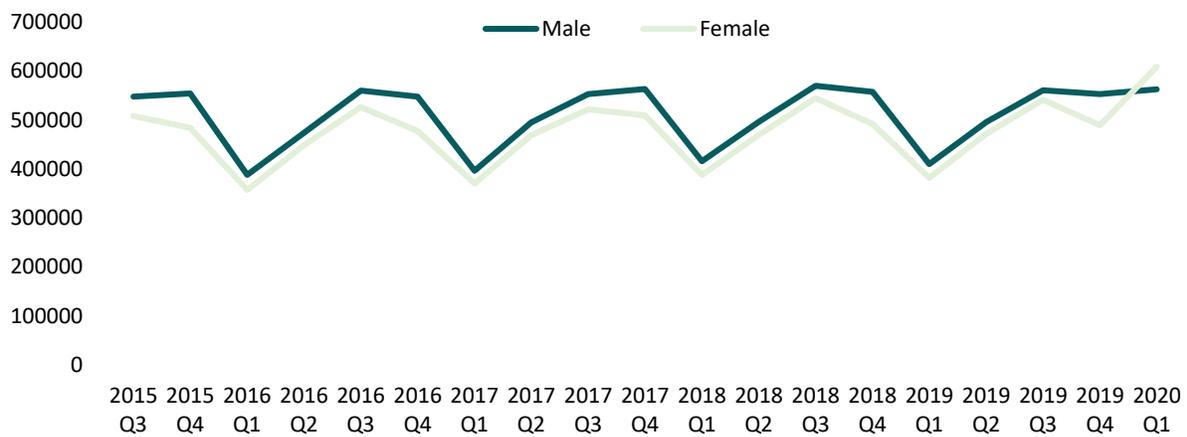


Source: U.S. Census Bureau, Five Year American Community Survey.

Gender Impact on Workforce

The impact of children not being able to attend school in-person during the pandemic has put an end to many women working as they stay home with their school-aged children. The changes in the workforce will be discussed in more detail in the Workforce Characteristics section of this report. However, the male/female change in the workforce has been similar until 2020. The typical pattern seen in Figure 13 shows the number of separations from the workforce over time. A rise in the chart means more people have left the workforce and are not seeking new employment. However, you can see that the 2020 1st quarter pattern did not continue for men as they continued to leave the workforce at generally the same rate creating a flatline. Women, who were laid off after the holiday rush, reduced the number leaving, but then drastically spiked to experience more separations from the workforce than men. It is anticipated this spike will continue to be more dramatic due to home-schooling and care for those who get sick.

Figure 13: Workforce Separations by Gender, Illinois



Source: Illinois Department of Employment Security, Quarterly Workforce Indicators.

Race & Ethnicity

The entire nation is continuing to diversify, and the Oakton region is following suit. The White population in Oakton's district is still in the majority at 63.3% in 2020. The percentage was higher in 2010 at 69.4%. During this period, the district has lost almost 13,000 White residents, while the remaining race and ethnic categories have increased or stagnated, adding 26,688 non-White residents.

The greatest increase in racial/ethnic diversity comes from the Asian population adding 17,544 residents since 2010. The second greatest growth has occurred within the Hispanic population adding 9,685 residents. The third greatest growth has occurred in the "other" category which includes any combination of races or one race beyond the major categories. Along with being defined as such there has been evidence the other category is becoming more popular as respondents self-select where they feel their race and ethnicity is best defined leading to more pulling away from the major race categories in favor of something different there have been large increases in that category throughout the country. The "other" category added 8,186 additional residents, which is the largest proportional increase of 81.0%.

Figure 14: Race & Ethnic Change, 2010 & 2020

	Hispanic	White	Black	AIAN ²	Asian	NHOPI ³	Other
2010	38,743	317,091	22,310	399	67,933	85	10,105
2020	48,428	304,105	23,277	392	85,477	83	18,291
Numeric Change	9,685	-12,986	967	-7	17,544	-2	8,186
Percent Change	25.0%	-4.1%	4.3%	-1.8%	25.8%	-2.4%	81.0%

Source: U.S. Census Bureau, Decennial Census, 2010 & 2020.

Looking at the numbers by township it is evident there is a decline in the White population while the Hispanic and Asian communities have greatly increased in all townships.

Figure 15: Change in Race & Ethnicity by Township, 2010 & 2020

	Total	Hispanic	White	Black	AIAN ²	Asian	NHOPI ³	Other
Evanston township	4.6%	23.2%	-2.3%	-6.6%	3.0%	17.5%	48.0%	44.2%
Maine township	3.4%	14.7%	-5.5%	15.7%	-12.7%	19.6%	5.9%	32.9%
New Trier township	3.4%	39.1%	-3.1%	-3.0%	3.6%	15.8%	-71.4%	63.2%
Niles township	5.8%	21.6%	-5.7%	17.3%	-14.1%	16.6%	8.3%	31.6%
Northfield township	7.1%	21.9%	-3.5%	18.6%	30.9%	32.2%	-120.0%	63.9%
TOTAL	4.9%	20.0%	-4.3%	4.2%	-1.8%	20.5%	-2.4%	44.8%

Source: U.S. Census Bureau, Decennial Census, 2010 & 2020.

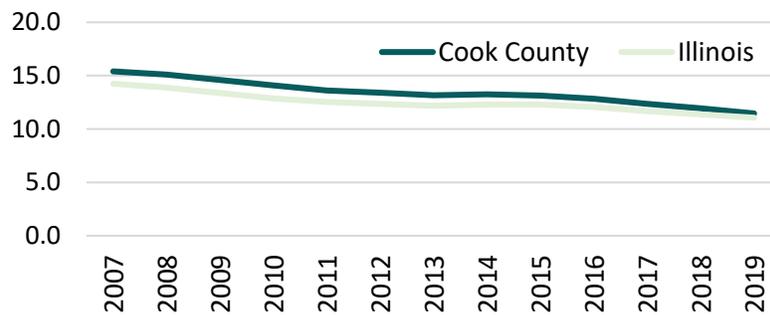
² AIAN represents American Indian and Alaska Native.

³ NHOPI represents Native Hawaiian and Other Pacific Islander.

Birth & Fertility

Birth rates have been declining for decades. Women have been able to make the choice of having fewer, or no, children with the introduction of contraceptives. The resources needed to raise children have deterred some women in favor of careers or other ambitions and infertility has certainly played a role. The economy received a boost by women entering the workforce full time during WWII and this has been a contributing factor in women owning businesses and entering occupations that were traditionally male dominated ever since (Figure 16).

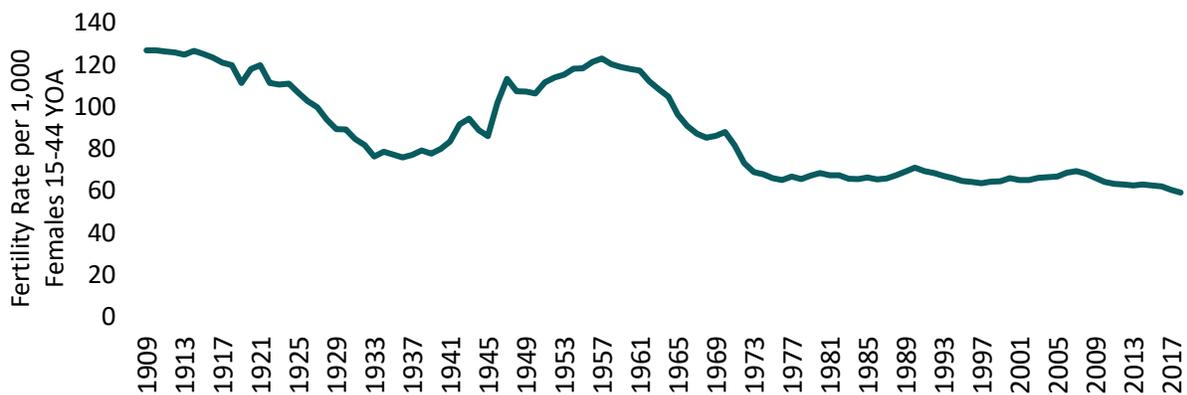
Figure 16: Birth Rates per 1,000 in Population for Cook County and Illinois



Source: Center for Disease Control, WONDER database.

Fertility rates have plummeted from almost 120 births after 1955, to a low of 65 births, per 1,000 females aged 15-44 years. The birth rate for the country is now below 60 births per 1,000 females of child-bearing age and does not seem to be reversing soon. The long-term expectation is for the population to no longer replace itself moving forward from births. The number and size of families will continue declining, which will impact all educational institutions.

Figure 17: National Fertility Rate Trend



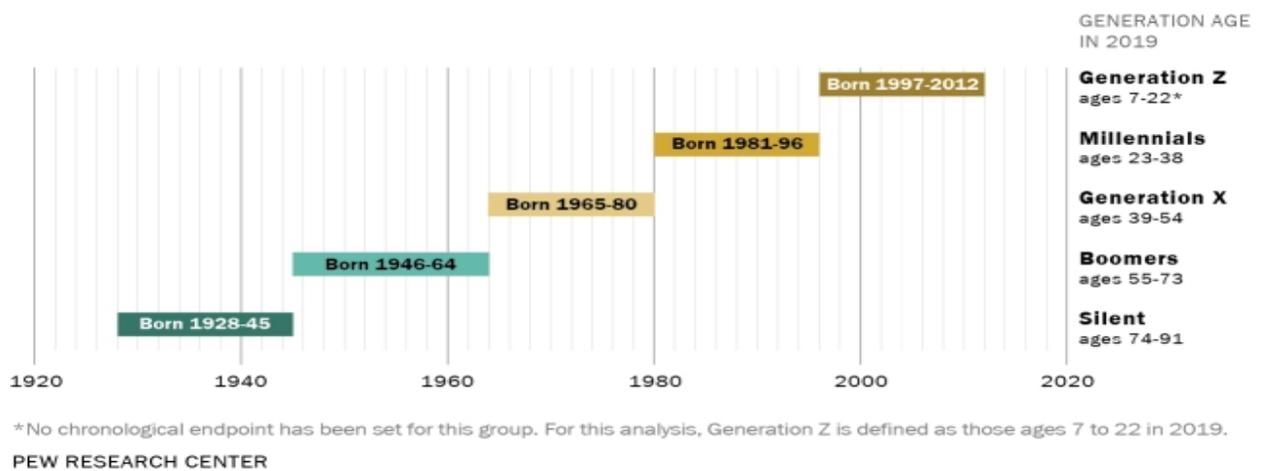
Source: Center for Disease Control, Fertility and Birth Rates Data.

Generational Characteristics

Generations are defined by life events or cultural changes impacting how those children grow up, not necessarily defined by when they were born. The Silent generation is primarily defined by the Great Depression, growing up in very frugal times. The Baby Boomers grew up in a boom of suburban homelife and “booming” birth rates. When the economy grows, and quality of life is positive, the birth rate tends to increase. Generation X is generally the first generation for whom electronics became a larger influence on their lives as computers and wireless phones begin. The birth rate started to decline as more women entered the workforce instead of focusing on family life. Generation Y, sometimes referred to as the Millennials, is marked by the change in the millennium. This generation grew up with advanced electronics and the country engaged in an endless war after the September 11th attacks, so they grew up in a very different environment than the more carefree Generation X. Because of this they have a different culture as online relationships become more of a priority along with instant satisfaction. Tweets and messaging take precedence over email and phone calls. The birth of the Generation Z is still being defined. The pandemic will have a big influence on this generation since many are of school age and had to adjust to online education. Some are saying the entire year of learning has been lost as the transitions from classroom to online have been rocky⁴. There have been many new responsibilities on administrators, teachers, and parents to learn how to adjust safely when a pandemic has not previously impacted any of the living generations.

Figure 18: Generations Defined

⁴ <https://www.chronicle.com/newsletter/the-edge/2020-10-21>



The best ways to market to non-traditional students and appeal to younger, more tech-savvy, generations will require knowledge of how and what the generations are seeking. The Baby Boomers are looking towards retirement. Generation X could be seeking secondary careers as they are still viable workers with lots of constructive knowledge but may have been laid off or desire a second career. The pandemic has produced a challenge with online education for those who are not so tech savvy and may be an obstacle for some residents to overcome. However, it is also an opportunity to build upon what we have learned by the transition to online education and the ability to reach a much broader marketing area.

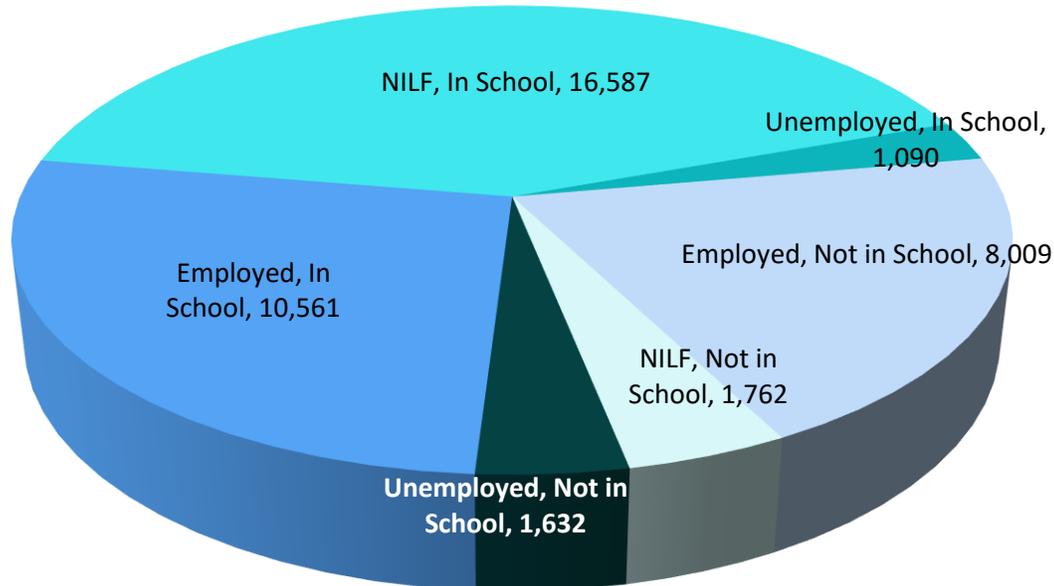
Opportunity Youth

Opportunity youth are defined as 16-24-year-olds who are not engaged in either attending school, working, or seeking work. A new initiative has been started by the Social Science Research Council⁵ to “Halve the Gap by 2030” to get more of these youths engaged and started on successful career paths.

The Oakton Region has 1,632 youths who are not engaged in work or school, representing 4.4% of the 16-24-year-olds (Figure 19). The measure is used as an indicator of societal progress and well-being of youth on their transition into adulthood. Statewide the measure is 8.0%.

⁵ Social Science Research Council, Measure of America, for further information: <http://measureofamerica.org/halve-the-gap-2030>.

Figure 19: Opportunity Youth (16-24 Years of Age), Oakton Region, 2019



Note: NILF stands for Not in Labor Force.

Source: IPUMS USA, University of Minnesota, www.ipums.org.

The Oakton Region is doing much better than other regions throughout the country, but there are still youths falling behind. The opportunity to attend school may provide a viable option for those who are not able to secure sustainable employment, so long as they can afford to attend.

Many of the opportunity youth live in poor households, dropped out of high school without their GED, are women with children, or those with disabilities. Nationally, the growth trend was already increasing for this population. The Asian population has the lowest proportion of youth that are not engaged, while Latinx and African Americans have the highest, according to the Measure of America⁶.

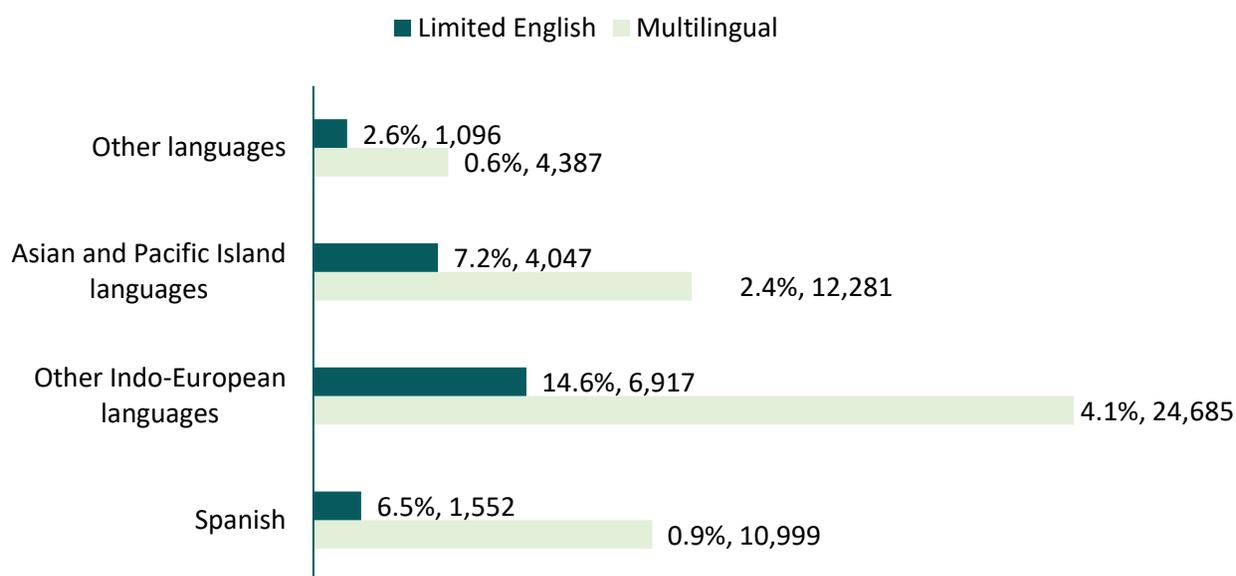
Languages and Foreign Born

38.9% of all households in the Oakton Region speak languages other than, or in addition to, English (65,964 households). There are 8.0% (13,612 households) speaking limited English in the Oakton region, which compares to 4.5% statewide, among all households. 11.4% of the households who speak limited English speak Spanish (1,552 households) while statewide the comparable percentage is 49.1%. The Oakton

⁶ Measure of America. Halve the Gap by 2030: Youth Disconnection in America's Cities. October 24, 2013. Accessed online: <http://measureofamerica.org/halve-the-gap-2030/>.

region is more diverse in languages spoken. The remaining limited English households speak Indo-European, Asian & Pacific Island, or other languages (12,060 households).

Figure 20: Limited English and Multilingual Speaking Households, Oakton Region



Source: U.S. Census Bureau, American Community Survey, 2019 Five Year Data.

Looking at the population over the age of 5 years old, there is a little more detail as to what the larger household category of languages entails. The Oakton region has 62.5% of the population speaking English only. The additional 37.5% speak diverse languages, the most prominent being other Indo-European languages⁷. In Illinois, the most prominent language is Spanish.

Figure 21: Languages Spoken Among Population Age 5 and Over, Oakton Region & Illinois

	Total	Percent	Illinois %
Population Over 5 Years Old	432,195	100.00%	12,003,438
Speak only English	270,280	62.5%	76.8%
Other Indo-European languages	37,619	8.7%	2.5%
Spanish	34,745	8.0%	13.5%
Russian, Polish, or other Slavic languages	30,457	7.0%	2.4%
Other and unspecified languages	9,897	2.3%	0.5%
Other Asian and Pacific Island languages	9,558	2.2%	0.9%
Tagalog (incl. Filipino)	9,525	2.2%	0.7%

⁷ Other Indo-European languages includes Italian, Portuguese, Greek, Armenian, Persian, Gujarati, Hindi, Urdu, Punjabi, Bengali, Nepali, Marathi, or other Indic languages, Albanian, Lithuanian, Pashto, Romanian, Swedish, Telugu, Tamil, Malayalam, and Kannada.

Chinese (incl. Mandarin, Cantonese)	8,827	2.0%	0.9%
Korean	8,548	2.0%	0.3%
Arabic	4,359	1.0%	0.6%
French, Haitian, or Cajun	3,604	0.8%	0.3%
German or other West Germanic languages	2,740	0.6%	0.3%
Vietnamese	2,036	0.5%	0.2%

Source: U.S. Census Bureau, American Community Survey 2019 Five Year Data.

The foreign-born population in the Oakton Region arrived from countries all over the world. The top 20 countries are shown in Figure 22 representing 87.4% of all foreign-born residents. The remaining countries of origin are too small to report with reliability. There are 128,542 foreign-born residents in the Oakton region.

Figure 22: Top 25 Countries of Origin of Foreign-Born Population, Oakton Region

Total Foreign-Born Population	128,542
India	16,591
Mexico	11,573
Philippines	10,265
Poland	9,588

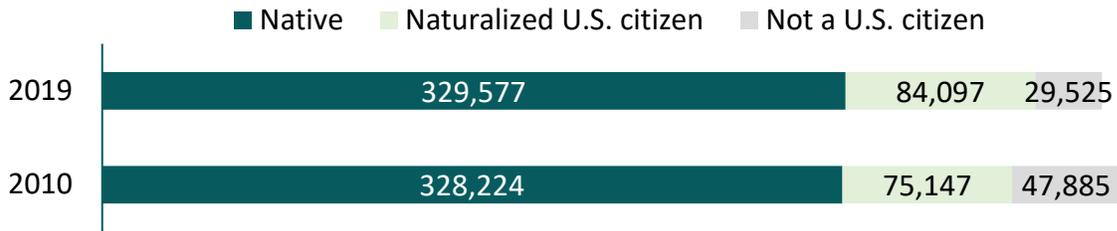
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Korea	7,793
China	6,716
Iraq	5,712
Pakistan	4,571
Ukraine	4,384
Caribbean	3,352
Russia	2,966
Romania	2,959
Greece	2,416
Vietnam	1,974
Bulgaria	1,829
Germany	1,722
Jamaica	1,681
Italy	1,589
Syria	1,547
United Kingdom (inc. Crown Dependencies)	1,444
Bosnia and Herzegovina	1,379
Canada	1,286
Belarus	1,246
Iran	1,211
Guatemala	938

Source: U.S. Census Bureau, American Community Survey Five-Year data, 2019.

In the Oakton Region, 12.0% of residents were not U.S. citizens in 2010, while in 2019 that proportion declined to 10.9%. What cannot be determined from the data is the number of undocumented immigrants. Those living in the United States that are not citizens could be here legally with a Visa. Those who are naturalized were born outside of the United States but completed the naturalization process of becoming a citizen. There has been an increase in the number of residents that have pursued citizenship from 75,147 in 2010 to 84,097 residents in 2019 (Figure 23).

Figure 23: Citizenship in the Oakton Region, 2010 & 2019



Source: U.S. Census Bureau, Five Year American Community Survey.

Education Attainment

Residents age 25 and older in the Oakton Region have higher educational attainment than the state on average (Figure 24). The majority (55.8%) of residents in the Oakton Region hold an Associate degree or higher, while the statewide average is 42.8%.

Figure 24: Education Attainment for Population Over 25, Oakton Region, and Illinois, 2019

	Illinois	Oakton Region #	Oakton Region %
Not High School graduate	10.8%	22,682	8.6%
High school graduate	26.0%	48,625	18.5%
Some college, no degree	20.5%	44,729	17.0%
Associate's degree	8.1%	15,453	5.9%
Bachelor's degree	21.1%	73,495	28.0%
Graduate or professional degree	13.6%	57,544	21.9%

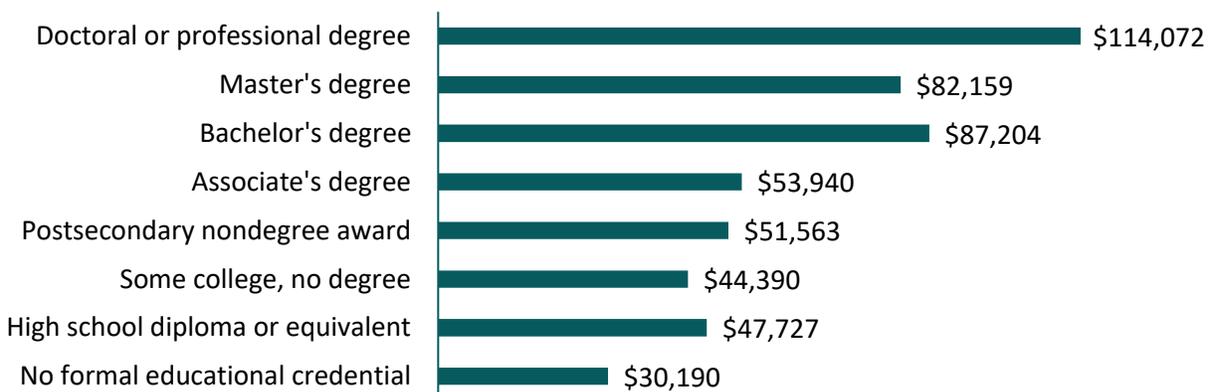
Source: U.S. Census Bureau, American Community Survey Five-Year data, 2019.

There are approximately 121,000 residents in the Oakton Region who have yet to achieve an Associate degree. The Lumina Foundation estimates statewide percentages for “high-quality certificates” that lead to markedly increased wages. It is estimated that 6% of Illinois residents classified as having some college, but no degree have completed such a certificate. That percentage could be higher in the Oakton Region, but data are not available to confirm. The estimate for high-quality certificate holders, if using the Lumina estimate to extrapolate the number of certificate holders in the Oakton Region, the estimate is 7,258 people. Certificate holders can often step into high skill and high wage careers without a large student debt burden. Such programs also provide opportunities for older workers who want to advance or change their career. Colleges can offer professional development through certificate programs that are attractive to those in fields that hold certificate completion as evidence of qualification or to meet continuing education requirements.

Although the terms ‘earnings’ and ‘wages’ are often used interchangeably, the differences between the two can be significant. When a person has no income other than wages, it is correct to use both terms to mean the same thing. But for people with interest-bearing bank accounts, rental income, retirement benefits, stock dividends or annuities, etc., the two terms have different meanings. In this report, we focus upon wages.

The relationship between educational credentials and wages is well established. The higher the credential required for a job the higher the wages. Figure 25 shows the weighted median wage by education level for Cook County. When an Associate degree is required for a job wages increase noticeably. Similarly, wages increase significantly when a Bachelor’s degree and when a Doctoral or Professional degree are required for a job.

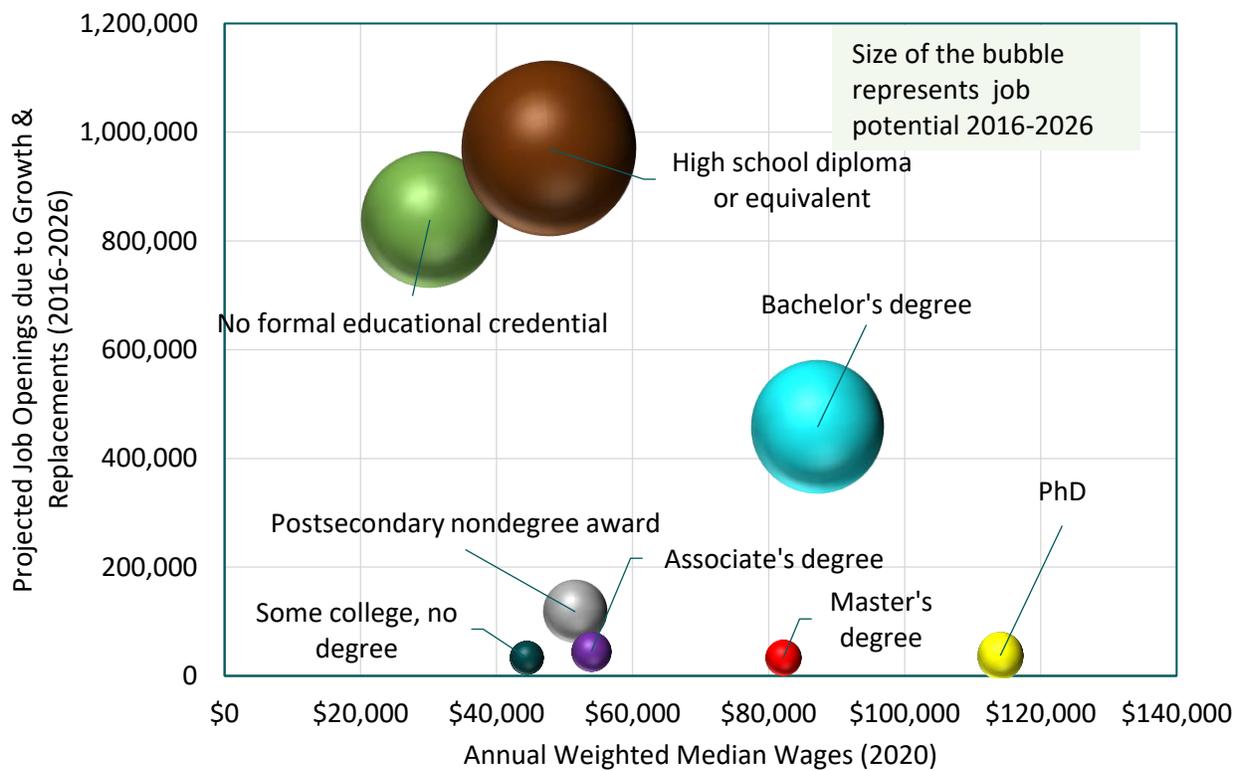
Figure 25: Weighted Median Wage by Education Level of Jobs in Cook County, 2020



Source: Illinois Department of Employment Security, Occupational Employment Statistics.

Figure 26 shows that annual wages generally increase with the level of education while adding job potential. In Cook County, workers with some college or no formal educational credential, on average, earn less than the county average of \$47,369 in 2020. The statewide average is lower at \$43,703. A postsecondary nondegree award produces higher earnings of \$51,563 while an Associate degree jumps to \$53,940. The greatest job potential is with the lower credentials since there are so many more jobs at the entry level with low skill. However, 28.6% of all job potential requires some college education which is 724,717 jobs.

Figure 26: Weighted Median Wages by Education by Job Potential (2016-2026)



Source: Illinois Department of Employment Security, Occupation Projections.

Households and Families

Households are occupied housing units excluding vacant housing units. Stability in neighborhoods rely on the ability of residents to maintain and financially afford their homes. The use of a home as an investment towards retirement or big purchases, such as tuition, is an option many select. The higher the owner-occupancy rate the neighborhood tends to have stable home values. The economic downturn since the Great Recession increased conversions from owner-occupied to rentals. It can be assumed with the many unemployed due to the 2020 pandemic there could be another surge of further conversions.

Household Composition

The Oakton region increased from 441,394 households in 2010 to 447,473 households in 2019 for an additional 6,073 households. Married-couple families are the most common type of household at 56.5%, which is higher than the Illinois rate of 47.4%. In comparison, the Oakton region married-couple families were at 57.6% in 2010, which tracks with a decline of the traditional core family unit occurring nationally.

Figure 27: Household Composition in Oakton's Region, 2019

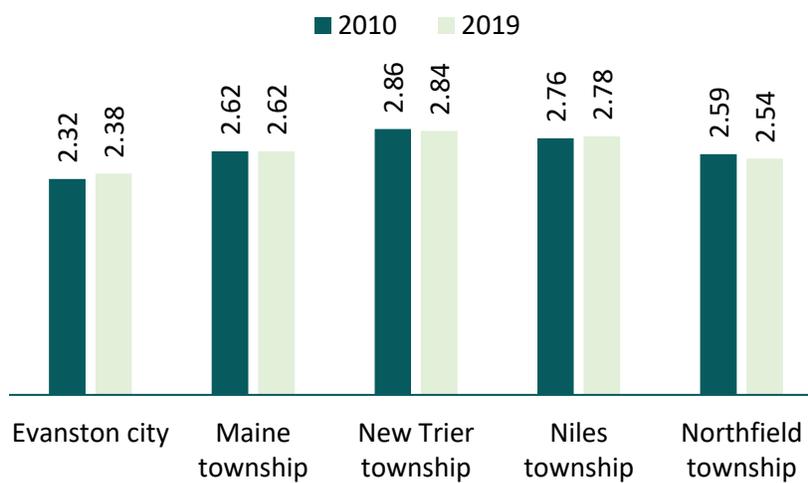
	Illinois Percent	Oakton Percent	Oakton Total
Total households	100.0%	100.0%	169,613
Married-couple family	47.4%	56.5%	95,821
With own children of the householder under 18 years	19.0%	24.0%	40,737
Cohabiting couple household	5.9%	3.4%	5,789
With own children of the householder under 18 years	2.0%	0.9%	1,448
Male householder, no spouse/partner present	18.2%	13.8%	23,382
With own children of the householder under 18 years	1.1%	0.8%	1,417
Householder living alone	13.2%	10.0%	16,951
Householder living alone 65 years and over	3.6%	3.8%	6,456
Female householder, no spouse/partner present	28.5%	26.3%	44,621
With own children of the householder under 18 years	5.4%	3.2%	5,422
Householder living alone	16.4%	17.2%	29,168
Householder living alone 65 years and over	7.9%	10.9%	18,548

Source: U.S. Census Bureau, American Community Survey Five-Year Data.

Household Size

Household size can be an indicator of what is taking place economically as communities try to maintain their living standards. Saving money could be achieved by combining households. The household size has remained constant from 2010 to 2019 in the Oakton Region townships. Whether households have combined to save resources during the pandemic will be evident once further data is published. For now, these rates have not changed. All townships have maintained between a two- to three-person household on average.

Figure 28: Size of Household, 2010 & 2019



Source: U.S. Census Bureau, Five Year American Community Survey.

Household Income

Median household income provides a look at how well residents are keeping up with inflation. The median household income is the point at which-half of the wage earners are above the indicated income and half are below. Median income is used to minimize the impact of any high or low outliers that may skew the data. In the Oakton region, there are varying levels of median household income by township. There are two townships, New Trier, and Northfield, that have a high percentage of households with median incomes of above \$100,000 (New Trier is 65.5% and Northfield is 49.5%). There are just under 25,000 households with median income levels below \$25,000 in the Oakton region. Evanston township has the largest proportion (18.8%) of households under \$25,000 {See Figure 29).

Figure 29: Number of Households by Income Level by Township, 2019

	Evanston township	Maine township	New Trier township	Niles township	Northfield township
Less than \$10,000	2,387	1,865	441	1,935	1,176
\$10,000 to \$14,999	1,164	1,664	192	1,228	667
\$15,000 to \$24,999	1,921	4,588	633	3,163	1,748
\$25,000 to \$34,999	2,270	5,092	729	3,126	1,716
\$35,000 to \$49,999	3,202	7,209	1,190	4,316	3,177
\$50,000 to \$74,999	4,482	9,327	1,804	6,512	4,194
\$75,000 to \$99,999	3,376	7,058	1,631	5,135	3,336
\$100,000 to \$149,999	4,395	7,814	3,147	6,586	6,259
\$150,000 to \$199,999	2,299	3,126	2,149	2,530	3,241
\$200,000 or more	3,609	2,722	7,272	2,679	6,228

Source: U.S. Census Bureau, Five Year American Community Survey.

Living Wage

The living wage is the minimum income standard that, if met, draws a very fine line between the financial independence of the working poor and the need to seek public assistance or suffer consistent and severe housing and food insecurity. Considering this fact, the living wage is perhaps better defined as a minimum subsistence wage for persons living in the United States. The living wage varies throughout the state due to the cost-of-living fluctuations. Figure 30 shows the living wage for Cook County by number of adults and children in the household. In Cook County, the living wage for two adults (one working) with two children is \$69,908.80, which is greater than the median household income in Rosemont (\$60,558), Harwood Heights (\$64,523), Niles (\$64,772), and Des Plaines (\$69,760). The Federal Poverty Level for a 4-person household in 2019 was \$25,570.

Figure 30: Living Wage in Cook County (2019)

	0 Children	1 Child	2 Children	3 Children
One Adult	\$33,945.60	\$67,225.60	\$83,449.60	\$107,078.40
Two Adults (One Working)⁸	\$53,372.80	\$62,296.00	\$69,908.80	\$75,275.20
Two Adults (Both Working)	\$26,686.40	\$36,524.80	\$45,676.80	\$53,726.40

Source: Glasmeier, Amy K. Living Wage Calculator. 2020. Massachusetts Institute of Technology.
<https://livingwage.mit.edu/>

⁸ The reason for costs increasing if both adults in a family household increases are due to the inclusion of childcare being paid for as opposed to one parent staying home and not having that expense.

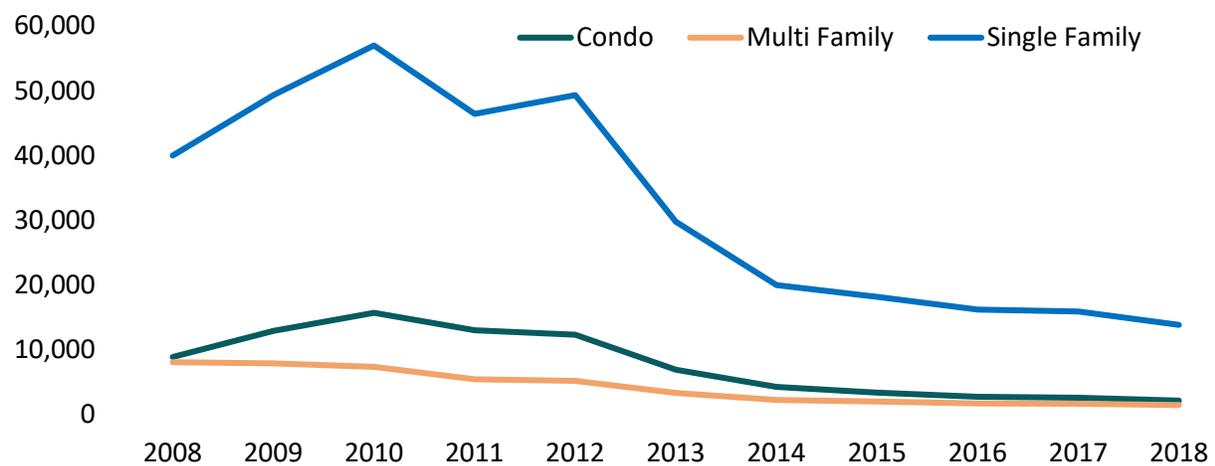
Housing Trends

Homeownership provides stability and builds equity for financial well-being. The housing market in Illinois was hit hard by the Great Recession in 2008. Unfortunately, Illinois has not had a strong economic recovery following the Great Recession. There are still many homes experiencing lower property valuation than before the recession and a higher number of people are living in rental units after losing their homes during the housing crisis. Typically, recovery is felt within a five-year span, but many Illinois residents are struggling to return to their prior financial well-being after more than a decade. This trend is projected to continue for several more years. However, the housing market is improving.

Foreclosures

The number of home foreclosure filings in the municipalities that overlap the Oakton Community College District have significantly declined since 2008. Aggregating the municipalities that overlap the Oakton Community College District, the number of foreclosure filings hit a record high in 2010 of 79,986 foreclosures and has drastically decreased ever since, reaching a new low of 17,425 in 2018. This is most evident for single family properties (Figure 31). These trends could drastically change as the COVID-19 pandemic impacted unemployment to such a great extent that many were not able to continue paying their mortgage.

Figure 31: Foreclosure Filings in Municipalities Overlapping the Oakton Community College District

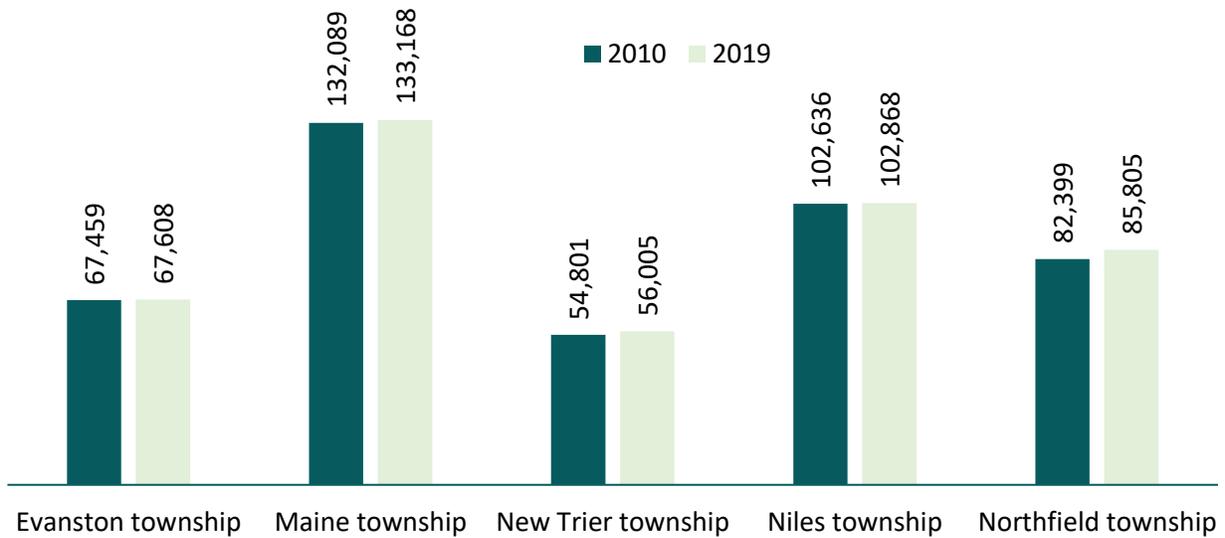


Source: Woodstock Institute, Foreclosure database.

Housing Unit Changes

Figure 32 shows that the number of housing units in the Oakton Region has increased since 2010, much like the population. An additional 6,070 housing units were added to the Oakton Region, the majority of which were added in Northfield township. There were 3,406 units added in Northfield township or an increase of 4.1%. New Trier township added the second largest number of units, 1,204 units or an increase of 2.2%. In total there was a 1.4% increase in housing units in the Oakton Region which is like the 1.8% increase in housing units for the state, but lower than the 5.7% housing growth that has occurred nationally.

Figure 32: Housing Units in the Oakton Region, 2010 & 2019



Source: U.S. Census Bureau, Five Year American Community Survey.

Occupied housing units may be inhabited by the owner or a renter. Since the 2008 Great Recession, many households switched to rental units after losing a home or experiencing income declines that made rental units the affordable option. While owner-occupied homes are still the majority, the number of owner-occupied homes continue to decline while rental units continue to increase. Until the residents can save money and recover their credit ratings to purchase new homes the trend is likely to continue. Many of the millennials who are at the home-buying age are not able to afford to purchase either, further exacerbating the situation.

Figure 33 demonstrates this shift in home occupancy. Since 2010, the number of rental occupied housing units increased in all five townships in the Oakton Region. New Trier and Evanston townships had slight increases in owner occupied housing units, 782 units or 1.5% and 735 units or 1.0% respectively. Overall, the number of homes in the Oakton Region occupied by the owner has decreased by 10,816 units, or 3.1%, while units occupied by renters have increased by 16,886 units, or 19.5%. It is expected these trends will begin to reverse as the economy in Illinois improves, but it has been a long process for those who lost their homes or cannot afford to buy a home to get out of their rental units.

Figure 33: Owner and Renter Occupancy, 2010 & 2019

Township	Owner Occupied				Renter Occupied			
	2010	2019	Number Change	Percent Change	2010	2019	Number Change	Percent Change
Evanston	70,285	71,020	735	1.0%	12,114	14,785	2,671	22.0%
Maine	83,721	78,814	-4,907	-5.9%	18,915	24,054	5,139	27.2%
New Trier	50,613	51,395	782	1.5%	4,188	4,610	422	10.1%
Niles	104,340	99,562	-4,778	-4.6%	27,749	33,606	5,857	21.1%
Northfield	43,690	41,042	-2,648	-6.1%	23,769	26,566	2,797	11.8%
Total	352,649	341,833	-10,816	-3.1%	86,735	103,621	16,886	19.5%

Source: U.S. Census Bureau, American Community Survey 2010 & 2019 Five Year Data.

Given that the Illinois housing market is still recovering from the 2008 Great Recession, the Oakton region is faring well. The vacancy rate of all housing units has remained at 7.5% since 2010. Among all the vacant housing units since 2010 there are not any real changes. Common reasons for “other vacant units” would include homes under renovation or repair, elderly homeowner in a nursing home, used for storage or just does not want to rent or sell.

Figure 34: Housing Unit Vacancies by Type, Oakton Region

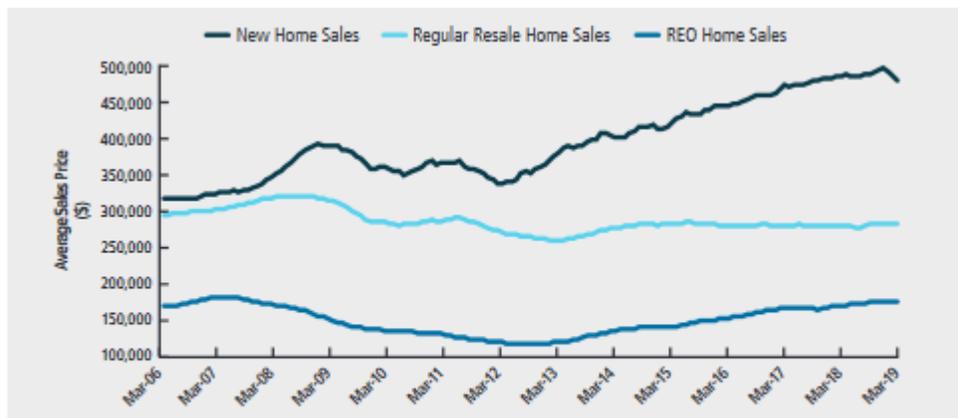
	2010	2010 Percent	2019	2019 Percent
Units for Rent	3,434	1.9%	2,844	1.6%
Rented, Unoccupied units	467	0.3%	700	0.4%
Units for sale	3,095	1.7%	2,468	1.3%
Units Sold, Unoccupied	579	0.3%	741	0.4%
Seasonal, Recreation, or Occasional Use	1,067	0.6%	690	0.4%
Other Vacant Units	4,866	2.7%	6,314	3.4%
Total Vacant Units	13,508	7.5%	13,757	7.5%

Source: U.S. Census Bureau, American Community Survey Five-Year data.

Housing Market

The housing market has shown some signs of recovery since the 2008 Great Recession, but just how resilient it is to make it through the Covid-19 pandemic remains to be seen. Figure 35 shows the trend of homes sales by the type of sale. The new home sales have increased, albeit a slow pace, but in the right direction. The resale of homes has not rebounded to pre-recession levels. Those homes that were bank owned were transitioned to real estate owned resulting in those homes being introduced back into the market. Many were renovated to sell and improve home values. However, there was a rather large drop in new home sales in 2019 due to a lack of inventory.

Figure 35: 12-Month Average Sales Price by Type of Sale in the Greater Chicago Housing Market Area

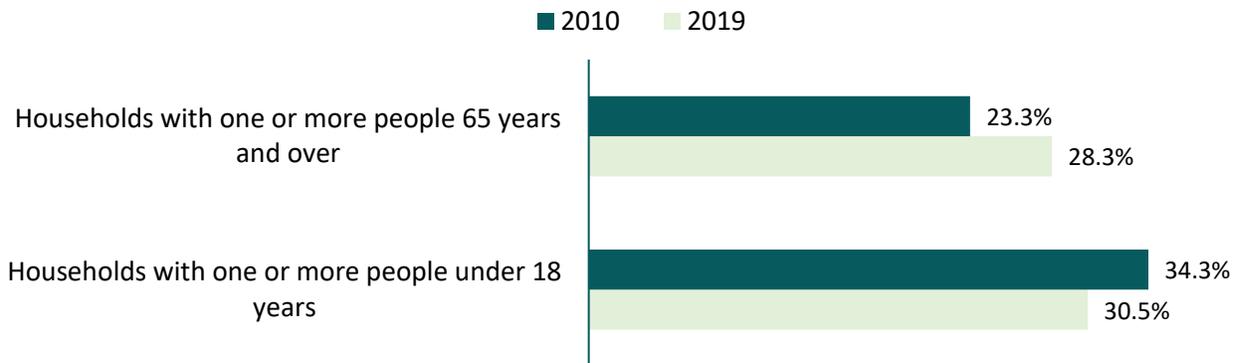


REO = real estate owned.

Source: Metrostudy, A Hanley Wood Company, with adjustments by the analyst

Further evidence of the aging of the Oakton region is seen in the household type. The households with one or more people 65 years of age and over has increased by 5.0%, while households with one or more people under the age of 18 years of age have decreased by 3.8%. Having older householders means those communities will have a better chance of weathering the pandemic as their residents are more likely to be on fixed incomes that would not be impacted by loss of employment. Many older household mortgages have been paid off, making their financial status rather unchanged. Older households also tend to have higher wealth than younger counterparts. However, this is not to understate the health concerns of living through a pandemic at an older age.

Figure 36: Household Type by Dependent Age Groups, 2010 & 2019



Source: U.S. Census Bureau, Five Year American Community Survey.

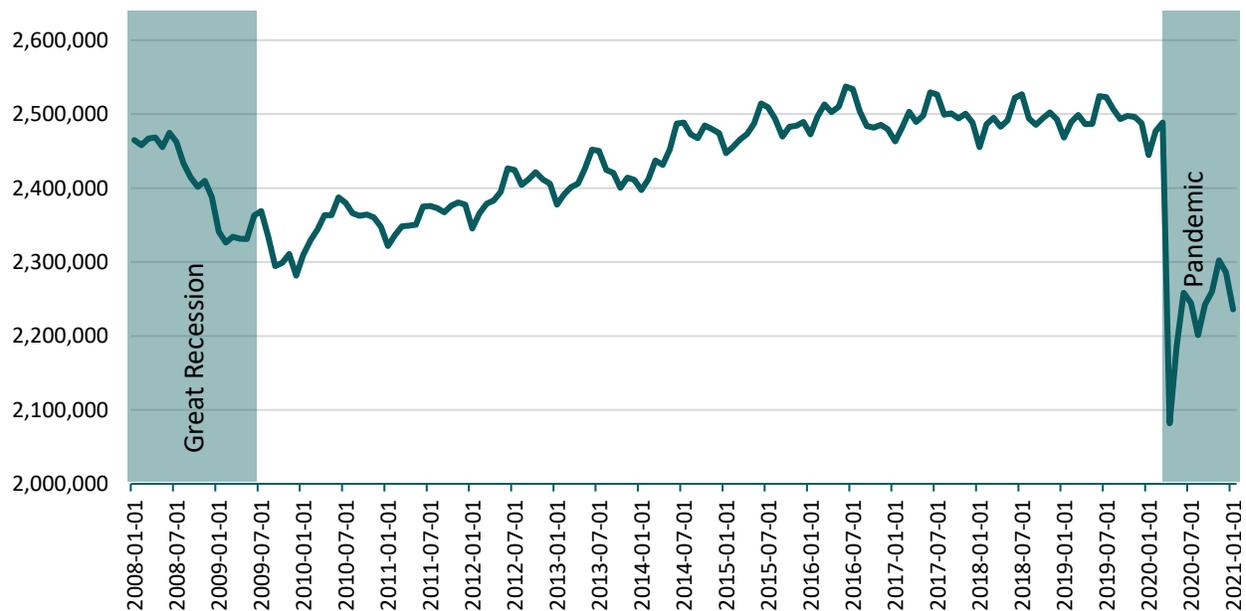
Workforce Characteristics

There have been many changes in the workforce since 2008. Although the recession officially ended in June 2009, the economic recovery in Illinois has been relatively weak when compared to the rest of the nation. While unemployment rates have fallen substantially over the past eight years, labor force participation among key working aged populations continues to decline. This section looks at employment, unemployment trends, labor force participation, mass layoffs, and the trends of industry and occupation employment.

Total Employment

Figure 37 shows employment data from 2008 to 2020 for Cook County. From 2010 until 2020 employment numbers have been increasing. In March 2020 there was a loss of almost 400,000 jobs due to the pandemic. When looking at employment trends there are seasonal fluctuations as employment hits its peak in the 4th quarter due to the holidays, then those extra positions are laid off in the 1st quarter of the next year. The 1st quarter of 2020 shows the typical decline in employment, but the 2nd quarter should have picked up additional employment to follow the pattern. Instead, employment plummeted to record lows due to business shutdowns.

Figure 37: Employment in Cook County, 2008-21

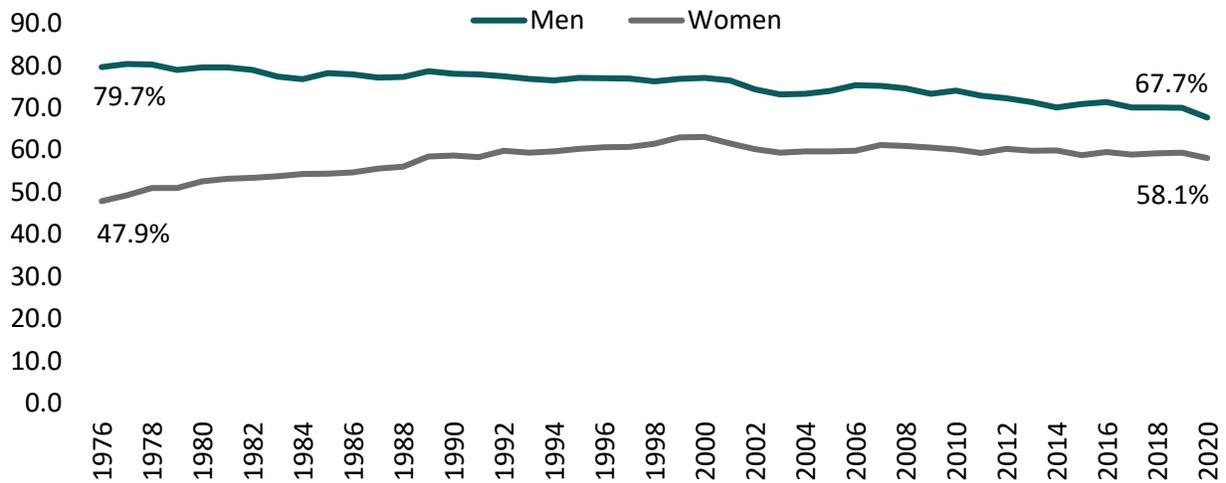


U.S. Bureau of Labor Statistics, Employed Persons in Cook County, IL [LAUCN170310000000005], retrieved from FRED, Federal Reserve Bank of St. Louis; <https://fred.stlouisfed.org/series/LAUCN170310000000005>, April 4, 2021

Labor Force Participation

The unemployment rate estimates the percentage of workers in the labor force who are currently unemployed but seeking work, while the labor force participation rate estimates the percentage of the population 16 and older who are either working or actively seeking work. Figure 38 shows the labor force participation rate by gender. Both have been declining since 2008. Women become an increasingly powerful part of the workforce because of World War II, but a tipping point occurred around 2001 and female participation in the labor force has slowly declining since. Male participation in the labor force has been declining since the mid-1950's primarily due to women increasingly joining the workforce.

Figure 38: National Labor Force Participation Rate by Gender

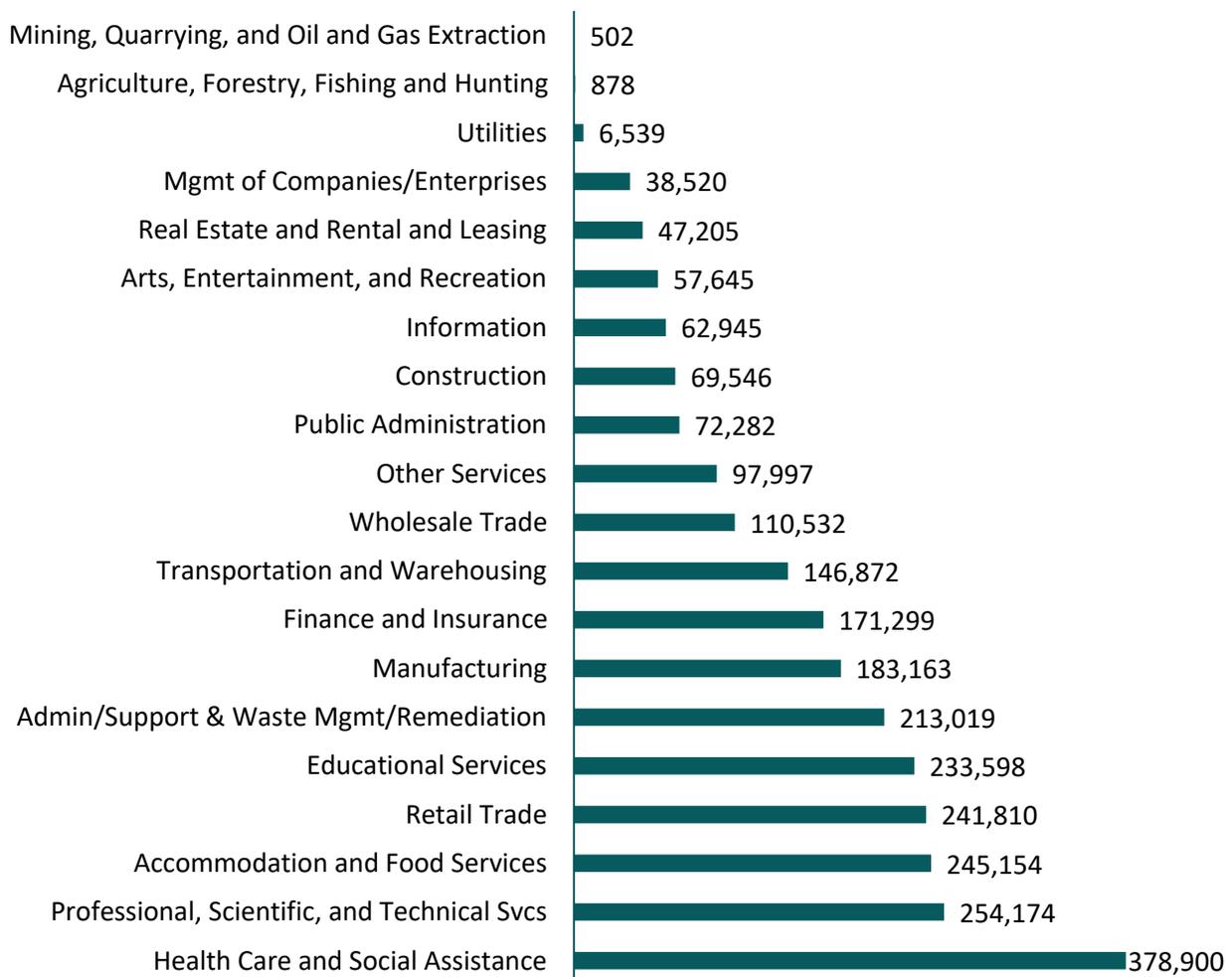


Source: Illinois Department of Employment Security, Characteristics of the Unemployed/Employed.

Employment by Industry

Industry employment is made up of a variety of occupations, with the number and proportions varying according to the product or service provided, the size of a business, or the function within a larger group of industries or corporation’s structure. For example, in the manufacturing sector, production occupations can account for 60% or more of a firm’s employment. There is also a wide variation in compensation between occupations based on specific job requirements such as education, skills, experience, and level of responsibility, as well as local market conditions. It is therefore important to examine employment trends in both industries and occupations to develop a better understanding of where the best-paying job opportunities exist in the region. The 2020 employment level by industry in the 1st quarter is shown in Figure 39.

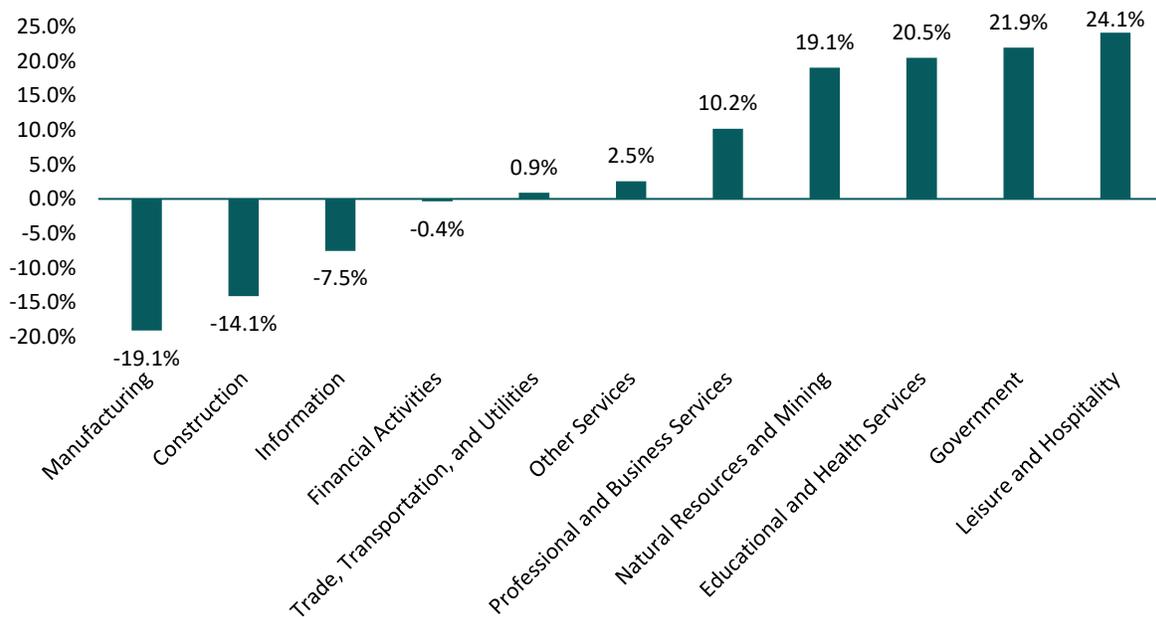
Figure 39: Employment by Industry in Cook County (2020 Q1)



Source: Illinois Department of Employment Security, Quarterly Census of Employment and Wages.

The loss of manufacturing and construction jobs has impacted communities across the nation and Cook County is no exception. Declining employment in sectors such financial and information services are also cause for concern as the Chicago metro area had been a growing hub for these activities. These sectors were deeply impacted by the recession and have continued to shed jobs since then. It is hoped, since many of these jobs can be done by telecommuting, that these sectors may weather the pandemic, but they are not likely to reverse the trend. In addition to local factors, this situation has been further complicated by industry factors such as merger and acquisition activities, outsourcing of some support positions, and the implementation of new technologies that have automated or eliminated some low-skilled and middle-skilled jobs (see Figure 40).

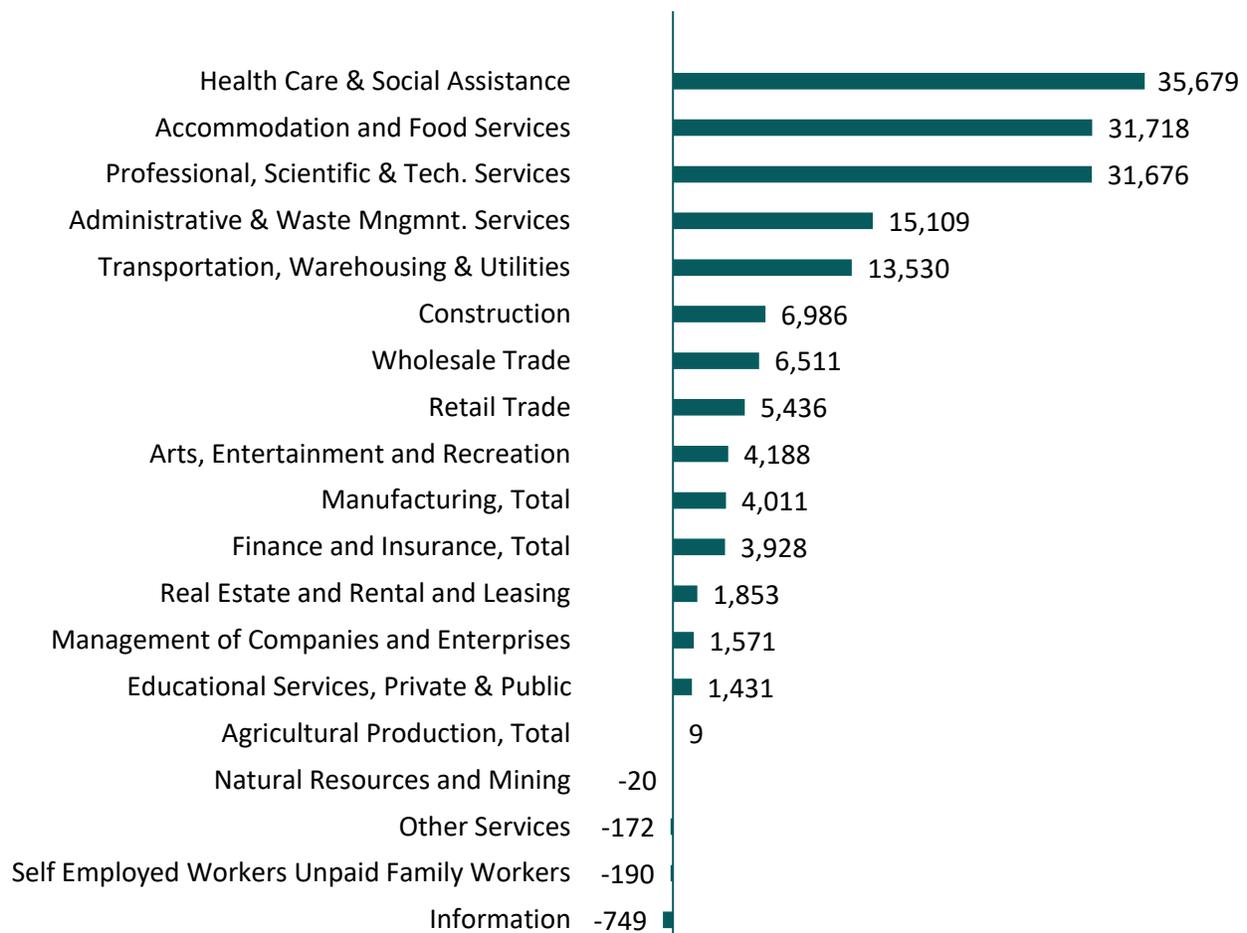
Figure 40: Employment Change by Industry in Cook County (2008-2019, 2nd QTR)



Source: Illinois Department of Employment Security, Quarterly Census of Employment & Wages.

The pandemic will be altering the projections estimated by the Illinois Department of Employment Security to accommodate the jobs permanently lost and others created to cope with the imposed closings that were not anticipated. However, it does provide an idea of which sectors were anticipated to grow. The Health Care & Social Assistance sector will continue to grow regardless of the pandemic due to the increasing demand for those services. Accommodation and Food Services is anticipated to have impacts that are yet to be measured since many restaurants and hotels closed but remains to be seen how many could not sustain through the pandemic to reopen.

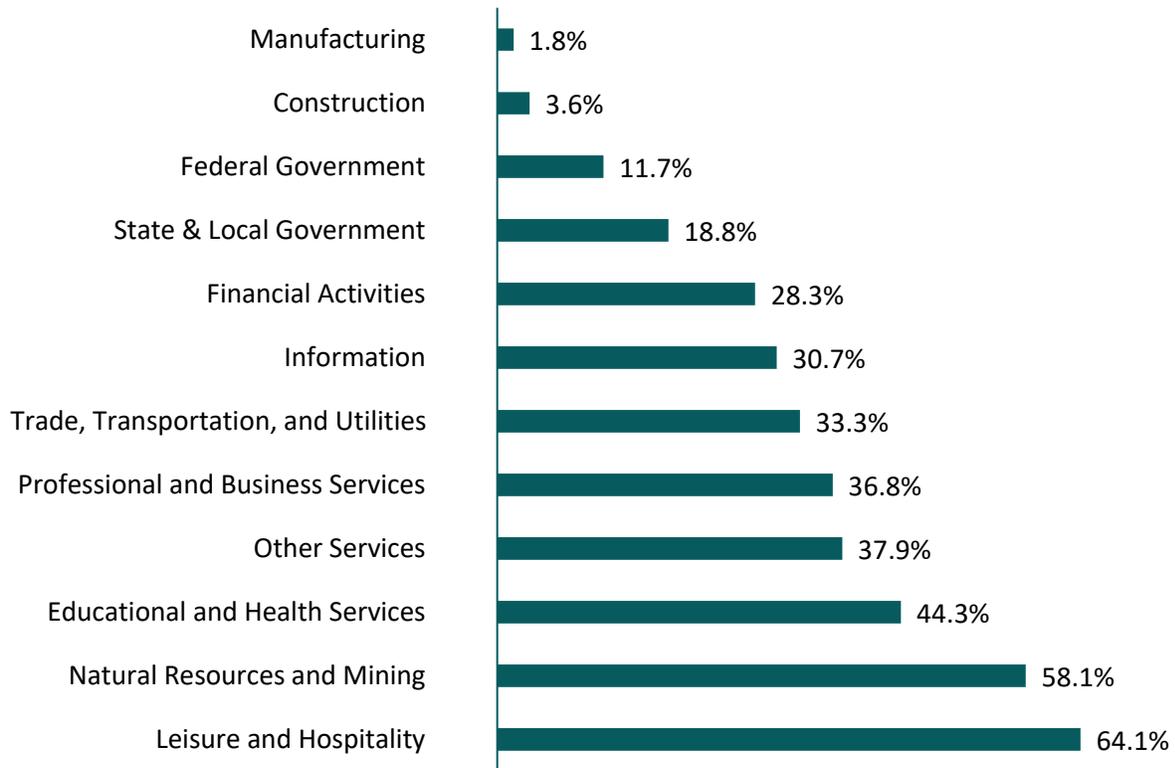
Figure 41: Industry Employment Projections for Cook County, 2016-2026



Source: Illinois Department of Employment Security, Quarterly Census of Employment & Wages.

The change in employment wages by industry from 2008 to 2019 is depicted in Figure 42 shows that the wages for manufacturing have remained constant and the wages increased slightly in construction. There was a considerable increase in wages for Leisure and Hospitality, followed by Natural Resources and Mining, and Educational and Health Services.

Figure 42: Change in Employment Wages by Industry in Cook County (2008-19)

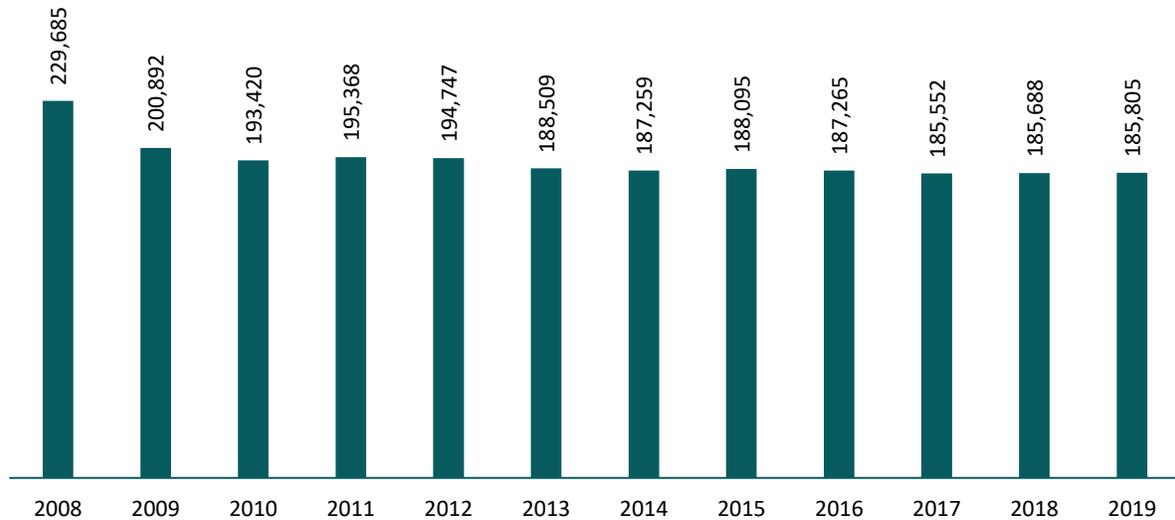


Source: Illinois Department of Employment Security, Quarterly Census of Employment & Wages.

Figure 43 on the next page shows wages and employment by occupation in relation to the projected job growth and replacement needs, as a way of identifying occupation groups with the highest paying jobs and the greatest future demand for workers. Viewed in this context, nearly all occupational groups are projected to grow and have a significant number of job opportunities due to growth and replacement needs through 2026. The presence of corporate headquarters and related administrative, research, and development operations in Cook County and the region likely accounts for the relatively large number of potential job openings in higher-wage Management, Computer and Mathematical occupations. As the population ages, the demand for Healthcare Practitioner and Technician occupations will also continue to grow and provide relatively high-paying jobs.

Manufacturing employment in Cook County has stabilized since 2017 after its precipitous drop following the Great Recession in 2008. Manufacturing is still one of the largest industries in Cook County and continues to provide many higher wage jobs compared to other industries. Due to the aging population of workers in this sector there are expected to be high numbers of retirements in the coming years, creating a need for workforce training to prepare replacement workers for those positions.

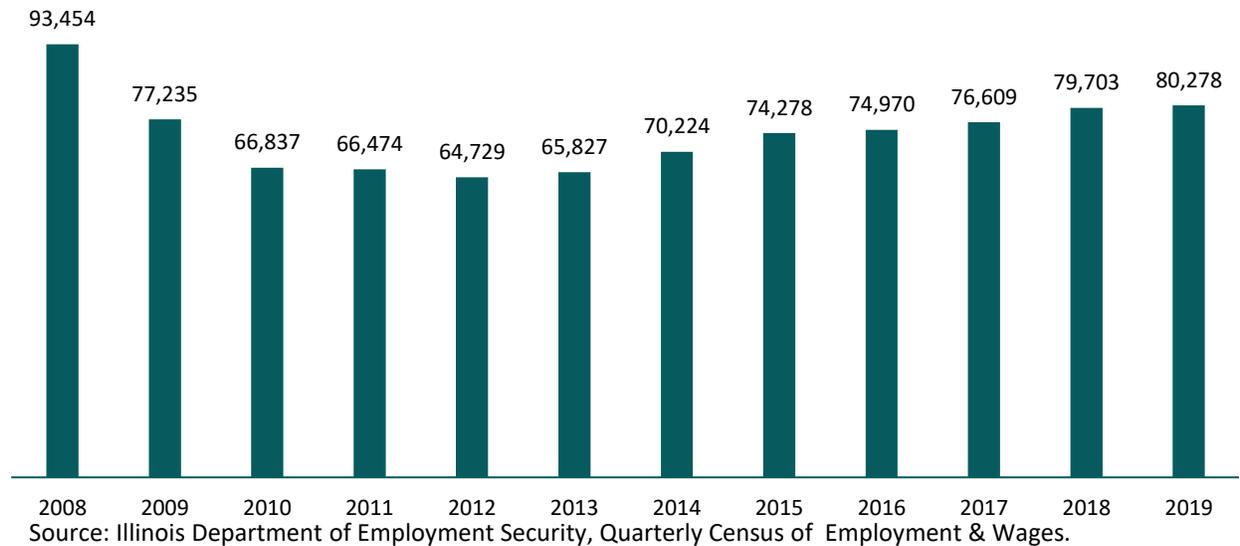
Figure 43: Manufacturing Employment in Cook County, 2008-19 2nd QTR



Source: Illinois Department of Employment Security, Quarterly Census of Employment & Wages.

The construction sector is making a comeback since the 2008 Great Recession but has a way to go in Cook County to reach pre-recession levels (Figure 44) After the 2008 recession. Cook County lost almost 30 thousand construction workers before there was a sign of recovery in 2013. The population loss in Illinois is contributing to a slow recovery due to lower demand for housing. It was evident that many homeowners chose to renovate rather than move during these years, boosting sales at big box stores such as Menards and Home Depot. However, the pandemic has slowed a lot of work by homeowners and professionals due to the low supply and skyrocketing cost of materials, which were caused by the closure or slowdown of many mills and manufacturing facilities during the pandemic.

Figure 44: Construction Employment in Cook County, 2008-19 2nd QTR



Location Quotients

Specializations or concentrations of related industries are a widely recognized economic development phenomenon and play an important role in promoting and maintaining the vitality of cities, regions, and states. Location quotients (LQ) are one of several methodological tools used in research to quantify and compare concentrations of industries in one area to another and are critical for assessing an area's economic strengths and weaknesses. LQs are especially useful in identifying both the distinguishing industries and the commonalities between regional economies. They can serve to confirm the intuitively obvious and help to identify emerging trends as economies change, grow, and diversify - such as development of the transportation and warehousing industry in the region. If the LQ is 1.0, that industry has the same share of employment as the U.S. If the LQ is greater than 1.0, it has a greater share of local area employment than the national average, and if less than 1.0, a smaller share. For example, the LQ for the entertainment industry in Los Angeles, California, is well above 1.0 because of the high concentration of employment in that sector. Industries with high LQs are usually export-oriented, which is important because they bring money into an area, rather than recirculate it like retail and food service operations do. This technique also helps identify industries that distinguish Cook County from the surrounding areas.

Figure 45 shows the LQs by industry employment. The horizontal axis represents the LQ for each industry in the 1st quarter of 2020, while the vertical axis represents the change in the LQ over time (2010-2020). The size of the bubbles corresponds to the amount of industry employment in the 1st quarter of 2020. The thick black lines delineate the graph into four quadrants based on the relative concentration of industry employment, i.e., whether the LQ is above or below 1.0, and the change in employment concentration over time, i.e., whether the LQ increased or decreased over time.

The upper right-hand quadrant includes those industries that are growing and have a higher-than-average presence in Cook County. The Financial Activities (LQ=1.42) and Information (LQ=1.05) industries are in this quadrant, as well as Other Services (LQ=1.25), such as automotive repair, electronic, and home and garden.

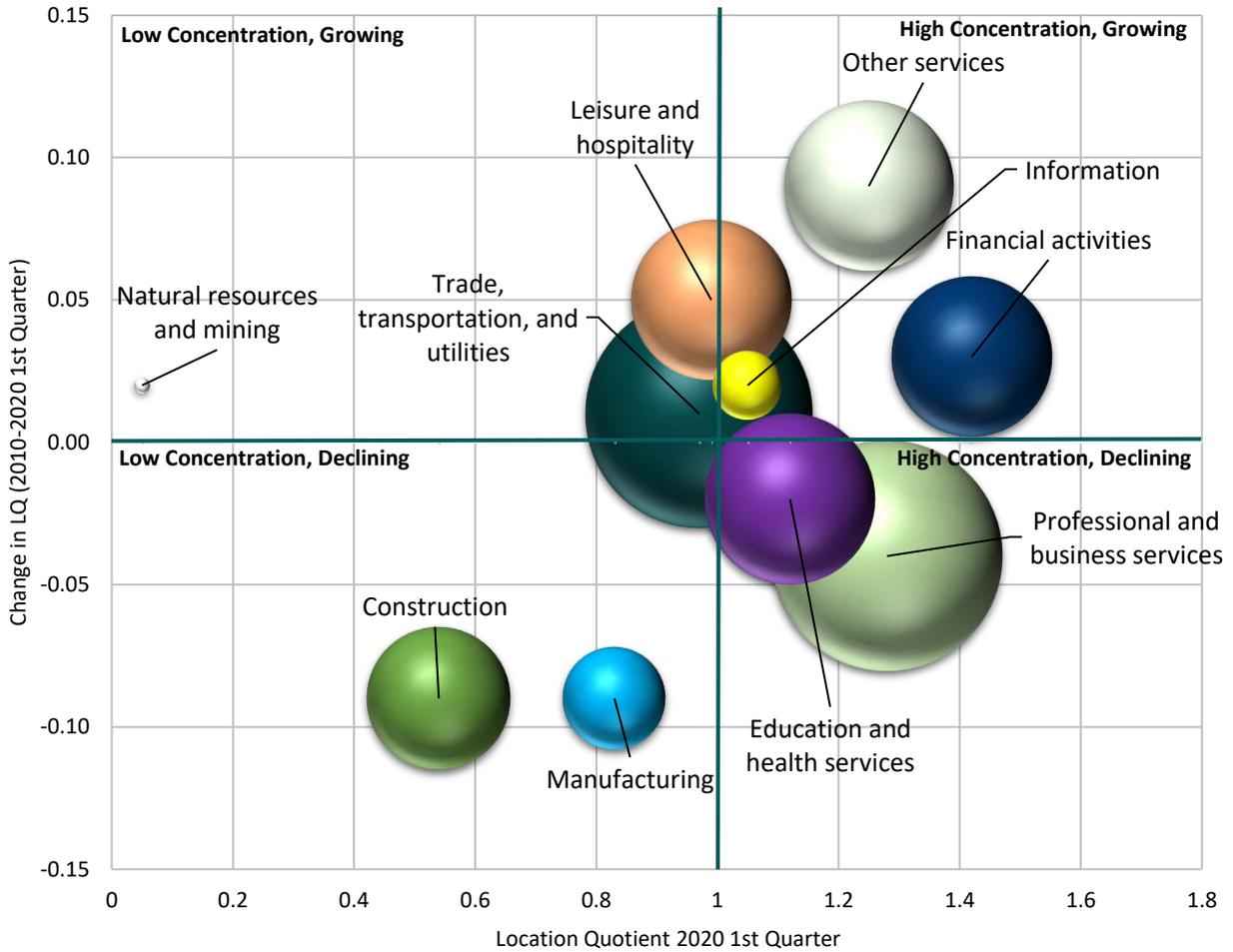
The upper left-hand quadrant contains industries that are growing but have employment concentrations in Cook County that are lower than average. These sectors may provide significant opportunities because they are showing signs of strength (growth) and room for continued growth (lower than average concentration). It includes the Leisure and Hospitality (LQ=0.99), Trade, Transportation and Utilities (LQ=0.97), and Natural Resources and Mining (LQ=0.05) sectors. Although Trade, Transportation, and

Utilities is proportionately underrepresented at present, it has enjoyed positive job growth in the recent decade and is expected to continue adding jobs.

The lower right quadrant includes industries that have declining job growth but have employment concentrations in Cook County that are higher than average. Professional and Business Services (LQ=-1.28) and Education and Health Services (LQ=-1.12) are in this quadrant. These sectors represent a large share of the total employment in Cook County – Professional and Business Services represents 21.2% of the workforce, while Education and Health Services represents 11.7%. Job growth for both sectors is declining, but since Cook County has a higher than typical concentration of employees in those sectors as compared to the United States overall, they remain strong industries. Additionally, the sectors that fall into this category have experienced substantial growth between 2010 and 2020, so the declining LQ could be indicative of slower job growth in the future.

The lower left-hand quadrant contains industries that are contracting and have a low and declining LQ. Although the Construction industry has recovered many of the jobs that were lost following the housing crisis of the mid-2000s, its growth is now being hampered by the lack of qualified younger workers to replace those that are reaching retirement. The households that lost wages during the pandemic were not able to fund renovations, further hampering the industry. Notable among the industries in this quadrant is Manufacturing. Although it remains one of the higher wage providers in the region, it continues to experience a net loss of employment.

Figure 45: Location Quotients by Industry Employment, Cook County



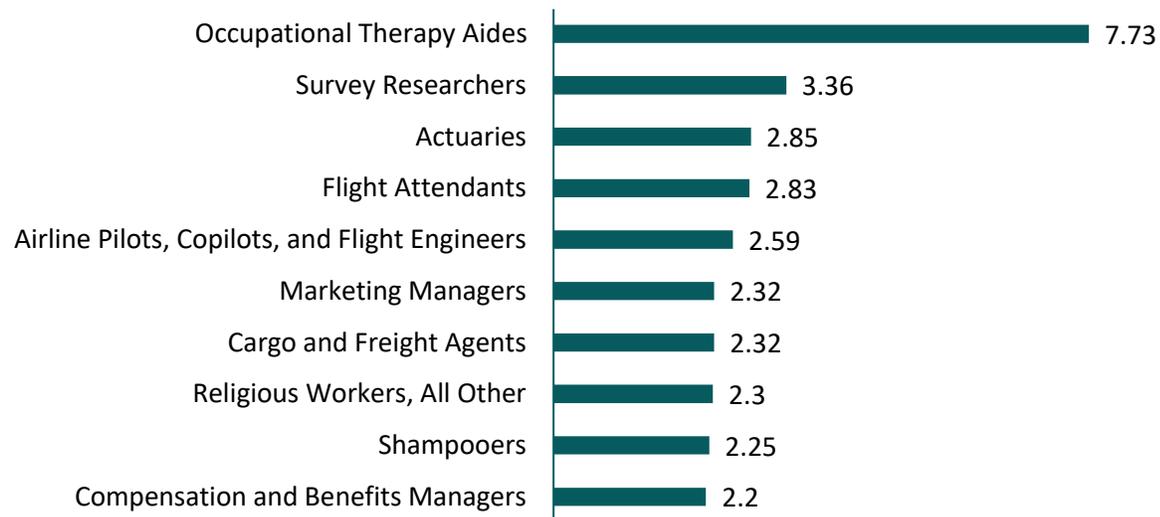
Source: Illinois Department of Employment Security, Current Employment Statistics (CES).

Occupational Employment

Occupations are identified by what people do in their employment. Occupational employment characteristics influence, and are influenced by, the industrial makeup of the regional economy, population trends, and educational attainment. The skills, aptitudes, and competence of the workforce govern, to a large degree, the types of business activities that develop or are attracted to a region. The Oakton Region, as well as the metropolitan area, has a long-standing specialization in professional, technical, and business services, education, healthcare, and financial services, which is reflected in the workforce composition.

Figure 46 shows which occupations have the highest concentration in Chicago-Naperville-Elgin, IL-IN-WI Metropolitan Statistical Area in comparison to the nation's norms. The location quotients shown are for the month of May in 2020. Currently, Occupational Therapy Aides are well represented in Cook County at almost eight times the employment as would be average.

Figure 46: Occupations in Chicago-Naperville-Elgin, IL-IN-WI with Highest Location Quotient, May 2020



Source: Bureau of Labor Statistics, Occupational Employment and Wage Statistics.

The 2016 employment level by occupation is shown in Figure 47 along with the job potential and annual median wage. The Office and Administrative Support along with Food Preparation and Serving Related occupations have the greatest job openings as defined by exits, replacements and transfers⁹ from those occupations. The Management industry has a high median wage and has a potential of providing 20,000 openings annually in Cook County.

Figure 47: Employment by Occupation, Annual Median Wages, and Job Potential - Cook County, 2016-2026

	2016	Potential 2016-26	Wage
Office and Administrative Support	430,496	457,352	\$40,084
Sales and Related	275,363	382,304	\$31,340
Food Preparation and Serving Related	230,565	475,267	\$24,964
Management	222,181	208,807	\$111,639
Transportation and Material Moving	220,919	318,822	\$32,145
Business and Financial Operations	172,927	185,021	\$71,812
Healthcare Practitioners and Technical	163,337	120,900	\$72,277
Production	158,236	184,207	\$34,569
Educational Instruction and Library	156,765	143,273	\$55,032
Personal Care and Service	99,515	170,169	\$27,564
Computer and Mathematical	90,045	89,126	\$88,947
Installation, Maintenance, and Repair	86,481	92,497	\$49,945
Building and Grounds Cleaning and Maintenance	81,692	111,371	\$29,870
Healthcare Support	79,036	114,551	\$28,139
Protective Service	78,027	90,049	\$43,890
Construction and Extraction	70,840	82,315	\$83,706
Arts, Design, Entertainment, Sports, and Media	48,343	49,374	\$52,072
Community and Social Service	48,180	58,403	\$45,744
Architecture and Engineering	37,401	32,275	\$81,601
Legal	31,175	24,221	\$99,268
Life, Physical, and Social Science	15,626	15,428	\$68,290
Farming, Fishing, and Forestry	2,426	3,373	\$34,272

Source: Illinois Department of Employment Security, Employment Projections.

⁹ Job Potential is the aggregation of growth or anticipated decline of an occupation, plus all expected exits (such as retirements or loss of employment), plus transfers (those who left the occupation for a different occupation). Even if an occupation is declining there could be high job potential to replace those already employed who leave.

Occupations by Education Required

Occupational employment characteristics influence, and are influenced by, the industrial makeup of the regional economy, population trends, and educational attainment. The skills, aptitudes, and competence of the workforce govern, to a large degree, the types of business activities that develop, or are attracted to, a region.

The occupation projections in Figure 48 show most of the job potential through 2026 is for those with a high school diploma or less. This is not surprising since most entry level positions have no terminal education requirements. The growth column is a measure of how many new jobs will be created; exits result when an individual leaves the workforce due to retirement or some other reason; and transfers are those who leave for a different occupation – taken together, these all determine the total job potential. The projected job growth for those with an Associate degree is 66,272 job openings.

Figure 48: Occupations Projected by Education Required, Cook County, 2016-2026

	Employment	Projected 2026	Growth	Exits	Transfers	Total Job Potential
No formal educational credential	612,235	657,140	44,905	435,740	529,750	1,010,395
High school diploma or equivalent	1,027,971	1,061,615	33,644	497,570	657,490	1,188,704
Some college, no degree	66,585	67,947	1,362	33,480	32,460	67,302
Postsecondary nondegree award	153,753	159,915	6,162	69,270	82,250	157,682
Associate degree	69,314	73,766	4,452	24,080	37,740	66,272
Bachelor's degree	642,286	696,591	54,305	188,380	335,430	578,115
Master's degree	41,465	45,325	3,860	13,360	20,330	37,550
Doctoral or professional degree	68,379	73,100	4,721	17,010	18,030	39,761
TOTAL	2,681,988	2,835,399	153,411	1,278,890	1,713,480	3,145,781

Source: Illinois Department of Employment Security, Occupation Projections, 2016.

Commuter Characteristics

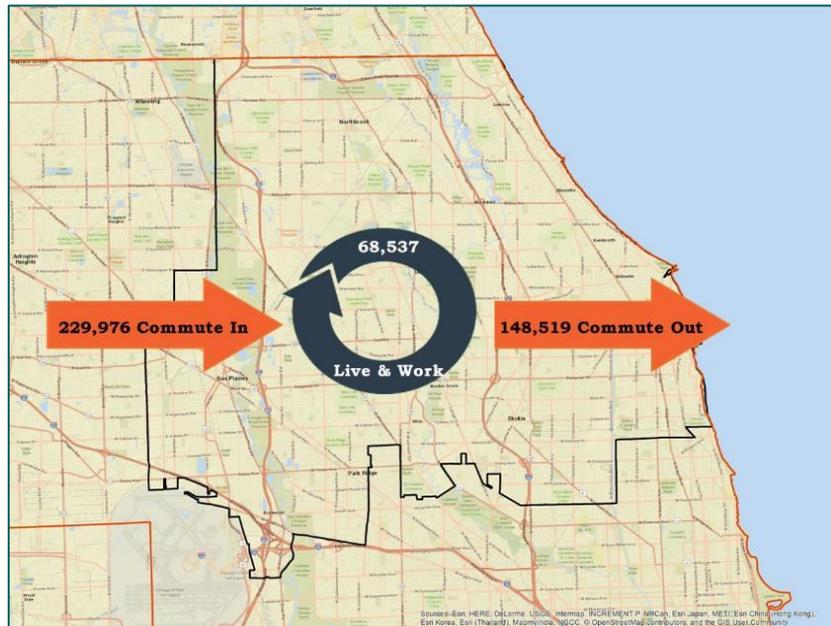
The commuter characteristics provide a picture of both the day and night populations within a community, which is especially important when providing in-district tuition rates to those who do not just live in the district, but also those who work within the district. The commuter patterns are collected for the Oakton Community College district unlike other data in this report.

Commuting patterns are best described as worker outflow (residents of the Oakton Community College district who work outside the area) and worker inflow (workers living outside the district but employed within the Oakton Community College district). The Oakton Community College district has a substantial number of workers who commute to jobs in the district.

In 2018, 298,513 workers were employed in the district and 217,056 workers lived in the district, resulting in a net inflow of 81,457 commuters from the surrounding areas (Figure 49). The district retains a relatively small share of its resident workers (68,537) who both live and work in the district. A much greater share leaves the Oakton district to jobs elsewhere (148,519). The district attracts 229,976 workers from surrounding areas to fill positions within the district.

Worker commuting patterns can be indicators of the true size and scope of regional labor markets. In metropolitan environments, they can indicate the degree of economic interaction with the surrounding district. A district's ability to pursue economic development depends in part on the supply and mobility of workers. Matching local talent with local jobs is not easily done in a labor market as mobile and diverse as the Chicago metropolitan area. In addition, there is the added dimension of interaction and competition for labor between the Oakton District and the larger metropolitan market. There are slightly more people employed in the district than are living here. While this situation affords workers with more opportunities

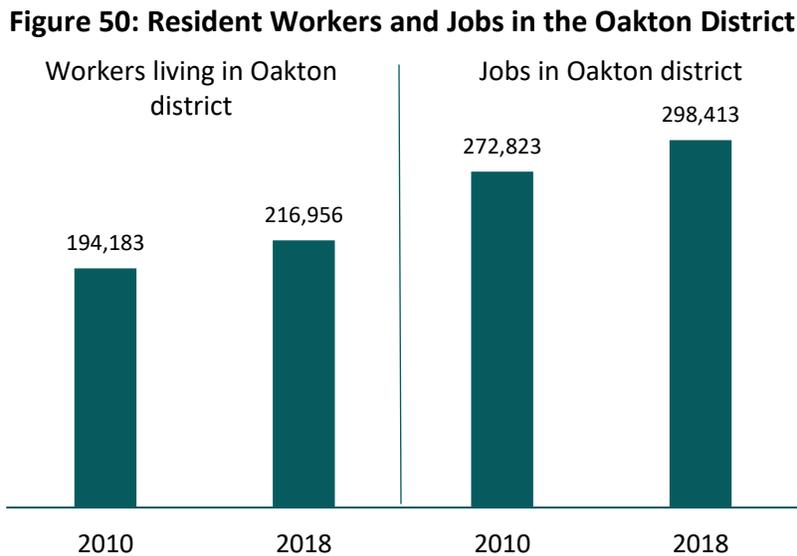
Figure 49: Commuters in & out of the Oakton District, 2018



Source: U.S. Census Bureau, OnTheMap Application, 2018.

for employment and employers with opportunities for talent acquisition, it also creates challenges for educational institutions in determining the types of training or degree programs to offer. Nevertheless, understanding overall trends in workers' commuting patterns, location of regional business centers and activities, and the projected employment demand for key industries and occupations, provides important insights into how Oakton Community College can best position itself to serve the needs of future students and the business community.

The recovery since the 2008 Great Recession is evident in the climbing numbers of Oakton district residents who work and the number of jobs in the district. Figure 50 shows the increase from 2010 through 2018 of an additional 22,773 Oakton residents who live and are working and an additional 25,590 jobs in the Oakton district added over that time period.



Source: U.S. Census Bureau, OnTheMap application, 2018.

Figure 51 shows workforce changes from 2008 to 2018 in the Oakton district by age group. The older age group, ages 55 and over, have drastically increased in numbers for both workers in the Oakton district (35.9%) and residents in the district who work (25.7%).

Figure 51: Change in Age Among Workforce in the Oakton District (All Jobs), 2010 to 2018

	Workers in Oakton District				Residents in Oakton District Who Work			
	2010	2018	Change	Percent	2010	2018	Change	Percent
Age 29 or younger	58,766	63,268	4,502	7.7%	36,753	39,990	3,237	8.8%
Age 30 to 54	157,230	157,936	706	0.4%	106,682	113,183	6,501	6.1%
Age 55 or older	56,827	77,209	20,382	35.9%	50,748	63,783	13,035	25.7%

Source: U.S. Census Bureau, OnTheMap application, 2018.

Figure 52 shows workers in the Oakton district have become more racially diverse. The percentages of Black, American Indian or Alaska Native, Asian, and Two or More Races working in the district have increased. Similarly, the percentages of residents in the district who work that are in minority communities have also increased. The number of Latinx residents in the Oakton district who work has increased by over 6,000 while the representation of the Latinx population in jobs in the Oakton district has increased by over 12,000.

Figure 52: Change in Race/Ethnicity Among Workforce in Oakton District, 2010 to 2018

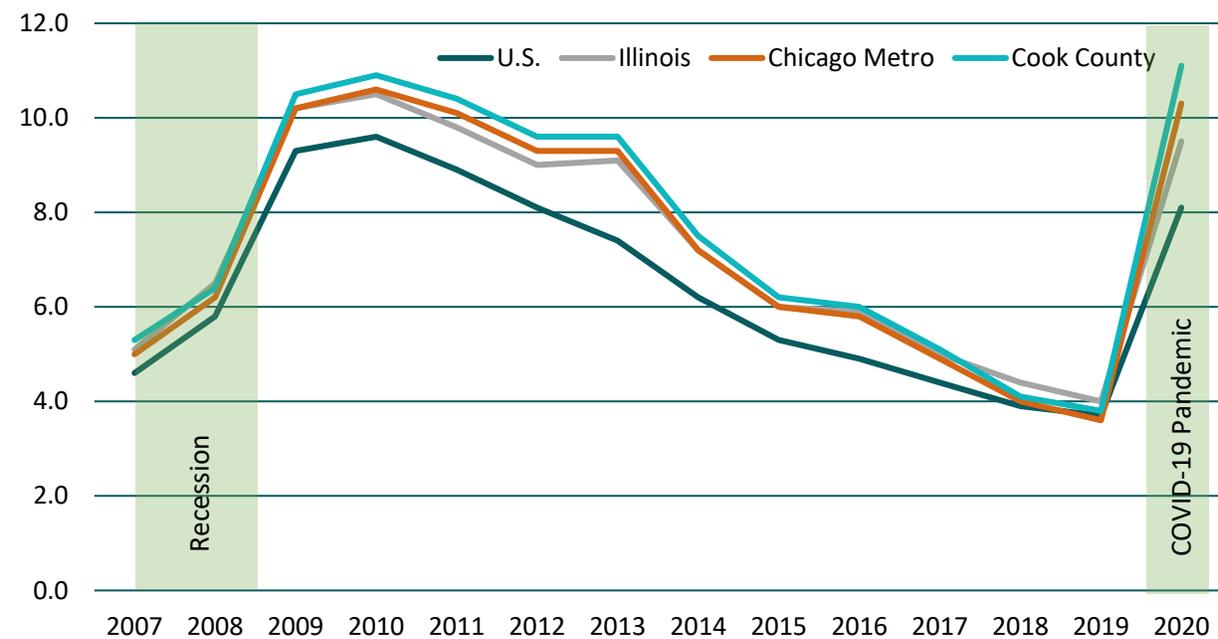
	Workers in Oakton District				Residents in Oakton District Who Work			
	2010	2018	Change	Percent	2010	2018	Change	Percent
White Alone	216,307	228,015	11,708	5.4%	150,881	162,295	11,414	7.6%
Black or African American Alone	26,979	32,867	5,888	21.8%	12,757	15,261	2,504	19.6%
American Indian or Alaska Native Alone	1,010	1,403	393	38.9%	661	864	203	30.7%
Asian Alone	24,878	31,129	6,251	25.1%	26,969	34,551	7,582	28.1%
Native Hawaiian or Other Pacific Islander Alone	355	297	-58	-16.3%	302	225	-77	-25.5%
Two or More Race Groups	3,294	4,702	1,408	42.7%	2,613	3,760	1,147	43.9%

Source: U.S. Census Bureau, OnTheMap Application, 2010 & 2018.

Unemployment

The unemployment rate is based upon who is actively seeking work in the last week when surveyed. If a potential worker is not currently employed and not actively seeking employment, then they are not considered to be in the labor force. The 2008 recession resulted in across-the-board increases in unemployment. Figure 53 shows unemployment peaked in the Chicago metropolitan area at 10.6% in 2010. Since then, the unemployment rate has shown steady but slow improvement, falling to 3.6% in 2019. However, once the COVID-19 pandemic began in 2020 the unemployment rate increased significantly. The unemployment rate for Cook County rose to a level higher than the previous high in 2010 (11.1%) and is higher than the Chicago Metro Region, Illinois, and national rates.

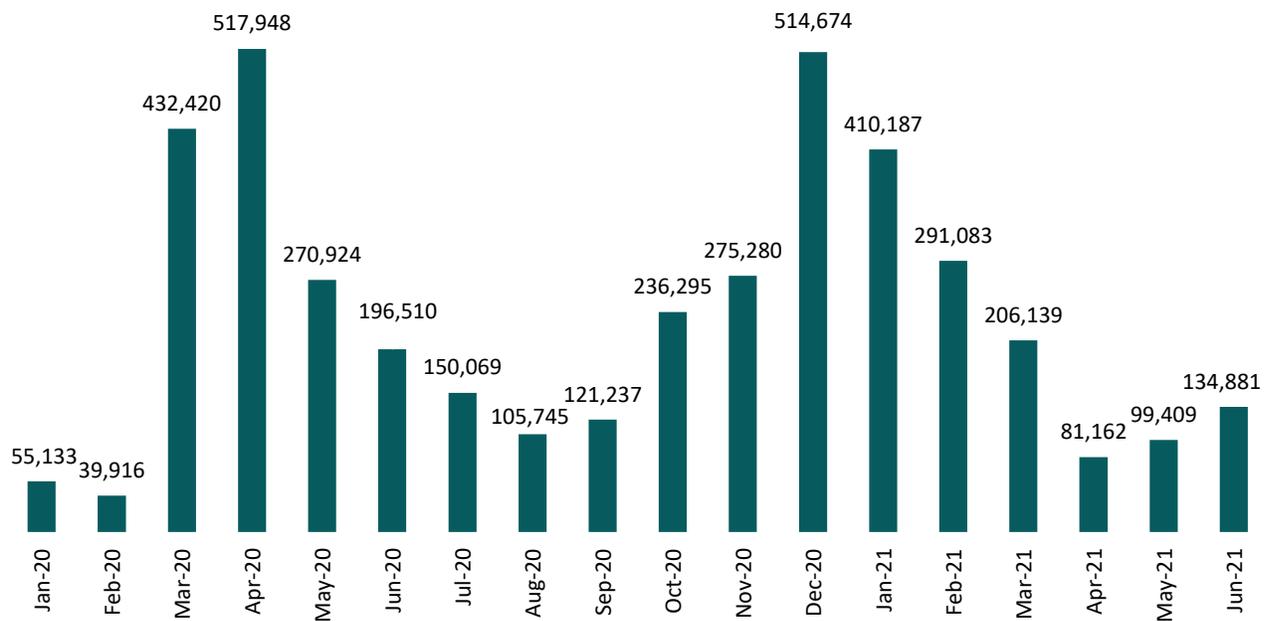
Figure 53: Average Annual Unemployment Rates, 2007-2020



Source: Illinois Department of Employment Security.

The pandemic began in January 2020, potentially earlier, in the United States. However, in March 2020 the numbers of people infected had grown to where it was apparent the virus was going to impact the U.S. on a large scale, as it was impacting other countries around the world. Businesses recognized that operations requiring people to gather had to cease and many voluntarily shut down operations. To minimize the spread of the virus, the U.S. Centers for Disease Control (CDC) recommended that gatherings of groups over 50 be postponed or cancelled, while the Trump administration recommended that any gatherings over 10 people should be postponed. However, Illinois was not yet feeling the effects of the virus as much as coastal locations, such as New York City. It took until October 2020 when Illinois peaked with infections and hospitalizations resulting in further unemployment claims being filed while many businesses could not remain viable with multiple shutdown mandates (Figure 54).

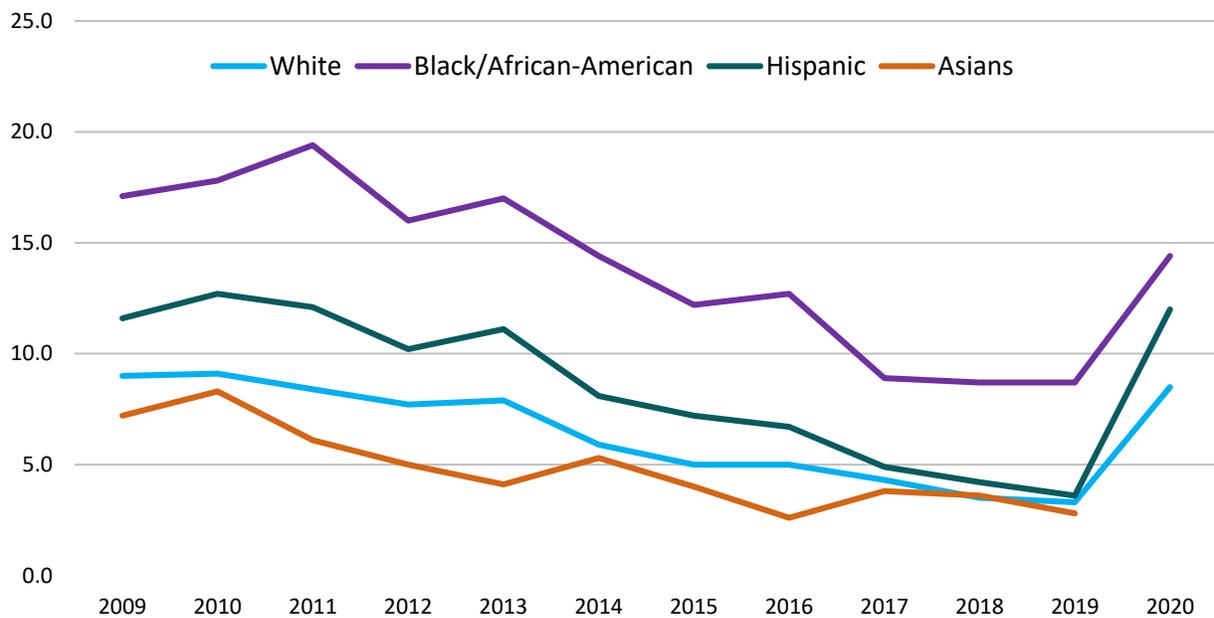
Figure 54: Newly Filed Unemployment Claims in Illinois, January 2020 - June 2021



Source: Illinois Department of Employment Security.

While the unemployment rate has dramatically improved from 2009 until 2019, the recovery varies based upon racial/ethnic classification. Figure 55 shows the trend of unemployment in Illinois since 2009. The unemployment rate increased after the 2008 Great Recession and dropped slowly over the next decade. When the pandemic hit in 2020 the unemployment rate for all racial/ethnic categories increased significantly as shutdowns took place throughout the state. The Black community has had the highest unemployment rate since 2009. The Asian community has fared the best with the lowest rates. Data for the Asian unemployment rate was not yet available for 2020.

Figure 55: Unemployment by Race in Illinois, 2009-2020



Source: U.S. Bureau of Labor Statistics, Current Population Survey.

The benefits of post-secondary education are evident when comparing unemployment rates for different levels of educational attainment. The data in Figure 56 suggest a strong connection between higher levels of education and lower unemployment rate. Those that lack a high school diploma or GED experience both the lowest labor participation rates and the highest unemployment rates. Those that completed high school, but have no post-secondary education, also experience unemployment rates that are much higher than average for the working age population. Those that had either some college credit or a degree experienced the highest rates of labor force participation and lowest rates of unemployment nationally.

Figure 56: National Unemployment Rate by Education Attainment, 2019

	Median Annual Wage	Average Annual Unemployment rate
Less than a high school diploma	\$30,784	5.4
High school diploma	\$38,792	3.7
Some college, no degree	\$43,316	3.3
Associate degree	\$46,124	2.7
Bachelor's degree	\$64,896	2.2
Master's degree	\$77,844	2.0
Professional degree	\$96,772	1.6

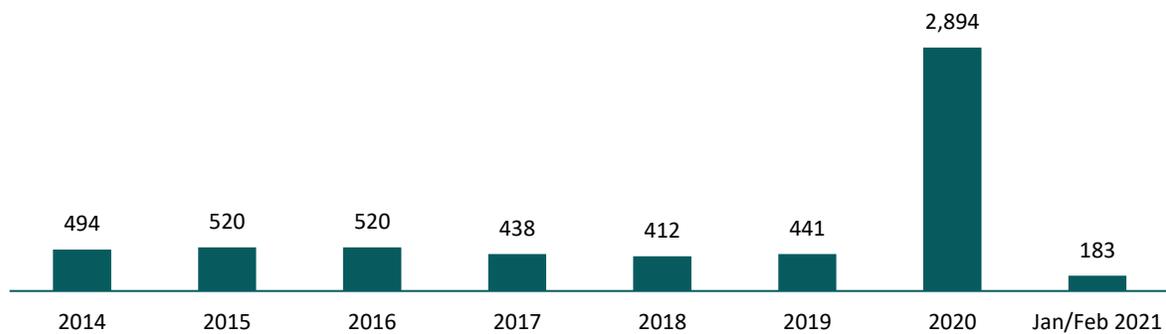
Source: U.S. Department of Labor, Bureau of Labor Statistics, Current Population Survey, 2019.

Mass Layoffs

The state requires that any company laying off many employees notify the state so that appropriate resources can be sent to help those employees file for unemployment and secure new employment. While there are always companies having to lay off employees for a variety of reasons, such as seasonal layoffs in school districts, the pandemic produced a new challenge. There were few job opportunities elsewhere as the layoffs were universal throughout the country.

Since there have already been 183 notices of mass layoffs in Cook County in January and February of 2021, it is anticipated the number will be much higher for the entire 2021 year, but perhaps not as high as 2020 when there were 2,894 mass layoff notices (Figure 57). Hopefully, within the next few years the numbers will return to manageable levels and with reskilling those who were laid off can return to the workforce.

Figure 57: Mass Layoff Notices in Cook County¹⁰



Source: Illinois Department of Commerce and Economic Opportunity, Mass Layoff Statistics.

¹⁰ Illinois WARN applies to employers with 75 or more full-time employees (excluding part-time workers) and requires employers to provide 60 days advance notice of pending plant closures or mass layoffs. A “mass layoff” under Illinois WARN is a reduction in force at a single site of employment that is not the result of a “plant closing” and results in employment losses during any 30-day period (or, in some cases, during any 90-day period) of 25 or more full-time employees if they constitute one-third or more of full-time employees at the site, or 250 or more full-time employees.

Meeting the Needs of Business and Industry

Current Demand for Workers

The real-time demand for workers, as well as required skills, credentials, and other attributes, can now be assessed through web-based technologies that scan millions of job and applicant postings on popular sites such as Monster, SimplyHired, and Indeed, or are posted by various state and local employment bureaus. Labor Insight™, developed by Burning Glass Technologies, is one such tool for measuring current demand for workers across a broad variety of industries and occupations. Although some employers do not post job listings on public job sites, these listings provide a sense of the types of jobs available within the Oakton Region. A complete listing will be provided separately in the form of an Excel workbook.

The following figures present job postings by occupation, industry, employer, skills requested by employers, certifications sought by employers, and educational credentials preferred or required by employers. The postings presented are from the 90 days from December 2021 through March 2021. All the postings are based upon the municipalities that overlap the Oakton Region: Deerfield, Des Plaines, Evanston, Glencoe, Harwood Heights, Kenilworth, Lincolnwood, Morton Grove, Niles, Norridge, Northbrook, Park Ridge, Rosemont, Skokie, Wilmette, and Winnetka. Northfield was not included as there is no data available.

The top advertised occupations in the Oakton municipalities cover a wide range of occupations, but show a strong demand in the healthcare, sales, information technology, and general office support fields. The high number of postings for truck drivers is reflective of the nationwide demand for professional drivers, as well as the Chicago area’s position as an important transportation and distribution center (Figure 58).

Figure 58: Top Occupations by Number of Job Postings – Oakton Municipalities

Occupations	Job Postings
Tractor-Trailer Truck Driver	1,372
Software Developer / Engineer	598
Retail Sales Associate	571
Registered Nurse	520
Customer Service Representative	515
Laborer / Warehouse Worker	412
Sales Representative	398
Retail Store Manager / Supervisor	335
Food Service Team Member	290
Office / Administrative Assistant	288
Caregiver / Personal Care Aide	247
Bookkeeper / Accounting Clerk	218
Nursing Assistant	203
Business / Management Analyst	203
Waiter / Waitress	199
Business Development / Sales Manager	198
Merchandiser / Ad Set Associate	191
Speech Language Pathologist	173
Janitor / Cleaner	173
IT Project Manager	173
Source: Labor Insight, Burning Glass	

Figure 59 represents the industries that have the greatest job posting activity in the Oakton municipalities. The most salient findings are the number of postings from various healthcare institutions (e.g., hospitals and ambulatory centers, home health care and physician clinics) with 1,051 job postings and the banking industry with 823 job postings. Also, of note is the number of job postings for the insurance industry and freight trucking firms, each with 563 job postings.

Figure 59: Top Industries Seeking Employees in the Oakton Municipalities

Industries	Unique Job Postings
Depository Credit Intermediation	823
Health and Personal Care Stores	816
General Medical and Surgical Hospitals	661
Restaurants and Other Eating Places	651
Insurance Carriers	563
General Freight Trucking	563
Colleges, Universities, and Professional Schools	513
Pharmaceutical and Medicine Manufacturing	382
Scientific Research and Development Services	294
Electronic Shopping and Mail-Order Houses	284
Business Support Services	284
Management, Scientific, and Technical Consulting Services	222
Offices of Other Health Practitioners	218
Traveler Accommodation	216
Continuing Care Retirement Communities and Assisted Living Facilities for the Elderly	195
Building Material and Supplies Dealers	180
Elementary and Secondary Schools	176
Home Health Care Services	172
Grocery Stores	160
Other Professional, Scientific, and Technical Services	159
Source: Labor Insight, Burning Glass	

Figure 60 shows the top employers who are hiring in the Oakton municipalities. Most are healthcare related.

Figure 60: Top Employers Who Are Hiring in the Oakton Municipalities

Employers	Job Postings
Walgreens Boots Alliance Inc	416
Discover Bank	371
Northwestern University	364
Amazon	281
Anthem Blue Cross	258
CVS Health	228
NorthShore University Health System	212
Amita Health	207
Aurora Health Care	166
Medline Industries	150
Baxter International Incorporated	122
United States Foods	116
Wintrust Financial Corporation	107
UI, LLC	98
The Home Depot Incorporated	96
PricewaterhouseCoopers	89
Reyes Holdings	85
Honeywell	85
Chemadvisor Incorporated	84
Z's Associates	82
Source: Labor Insight, Burning Glass	

When analyzing the top skills requested by employers, duplication is very evident as most job ads list multiple skillsets. Figure 61 gives a sense of the kinds of skills that employers are seeking in new employees, although it is difficult to assess how, and to what degree, employers evaluate these skills (e.g., it could be based on the applicant’s on-the-job experience, credentials obtained, pre-employment testing, etc.). However, ‘soft-skills’ or ‘people skills’ - such as communication, teamwork, organizational, problem-solving, creativity, and relationship building - are highly valued for a wide range of jobs. These skills are more value-oriented but educational programs could integrate instilling values, such as ethics and professionalism. Computer, writing, and research skills are also valued for many types of jobs.

Figure 61: Top Skills by Number of Job Openings in the Oakton District

Total Skills	Total Citations
Communication Skills	6,910
Teamwork / Collaboration	4,165
Organizational Skills	3,284
Detail-Oriented	3,047
Microsoft Excel	3,031
Problem Solving	2,790
Planning	2,564
Physical Abilities	2,395
Microsoft Office	2,369
Research	2,092
Writing	1,848
Computer Literacy	1,707
English	1,698
Multi-Tasking	1,691
Written Communication	1,658
Creativity	1,624
Building Effective Relationships	1,620
Microsoft PowerPoint	1,376
Time Management	1,361
Microsoft Word	1,242
Source: Labor Insight, Burning Glass	

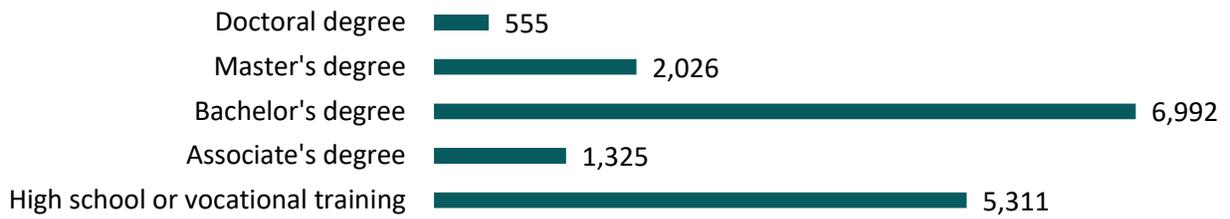
The certifications listed in Figure 62 were found within the job wanted postings and are ranked according to the number of postings in which they appeared. Healthcare related certifications appear most frequently. This is not surprising as the healthcare sector has exhibited substantial job growth, and there are several major hospitals and clinics in the municipalities. Certifications for truck drivers and couriers (CLD Class A) are also featured prominently as are certifications related to various white-collar professions such as project management and information technology.

Figure 62: Top Certifications Sought by Employers in the Oakton Region

Certifications	Total Citations
Driver's License	2,070
CDL Class A	1,194
Registered Nurse	673
First Aid CPR AED	485
Certified Public Accountant (CPA)	287
Advanced Cardiac Life Support (ACLS) Certification	226
Basic Life Saving (BLS)	204
Project Management Certification	198
Certified Nursing Assistant	169
Basic Cardiac Life Support Certification	169
Critical Care Registered Nurse (CCRN)	139
Licensed Practical Nurse (LPN)	134
IT Infrastructure Library (ITIL) Certification	129
Project Management Professional (PMP)	118
Pharmacy Technician Certification Board (PTCB)	103
Insurance License	90
Food Handler Certification	89
Certified Pharmacy Technician	88
Certified Medical Assistant	88
Certified Information Systems Security Professional (CISSP)	84
Source: Labor Insight, Burning Glass	

Figure 63 provides information on both the preferred and minimum/required education levels listed in job postings. A job posting may be counted in more than one of the educational categories due to both the preferred and the minimum/required education levels being included. There are approximately 7,000 potential jobs posted that require some vocational training or an Associate degree in the Oakton municipalities.

Figure 63: Top Educational Credentials Preferred or Required by Employers in the Oakton Municipalities



Source: Labor Insight, Burning glass.

Determining Future Demand

The Illinois Department of Employment Security (IDES) periodically issues forecasts of job openings for specific occupations. These forecasts are based on assumptions about future job creation resulting from economic growth and replacement needs, along with demographic trends and expected turnover caused by worker separations due to changing jobs or careers, relocating, or other voluntary or involuntary causes. When combined with information on local annual wages and national information on typical education, work experience and on-the-job training, the IDES information is helpful for educational institutions when planning for future degree and certification programs and other technical and professional training. Figure 64 shows the occupations with the greatest job potential in Cook County. Many of the occupations belong to education and healthcare sectors.

Figure 64: Occupations Projected with Greatest Job Potential 2016-2026 in Cook County

Occupation	2016 Employment	Job Potential through 2026 ↓	2018 Median Wage
Preschool Teachers, Ex. Special Education	9,246	10,110	\$32,401
Paralegals & Legal Assistants	6,846	8,460	\$59,155
Physical Therapist Assistants	2,029	3,060	\$63,339
Veterinary Technologists & Technicians	2,080	2,160	\$42,138
Life/Phys/Social Science Techs, All Other	1,585	2,010	\$50,254
Radiologic Technologists	3,408	1,780	\$66,822
HR Assistants, Ex. Payroll/Timekeeping	1,594	1,650	\$40,615
Respiratory Therapists	2,484	1,630	\$61,367
Occupational Therapist Assistants	962	1,530	\$66,499
Mechanical Drafters	1,561	1,430	\$59,359
Electrical & Electronic Engineering Techs	1,509	1,300	\$70,499
Architectural & Civil Drafters	1,306	1,150	\$66,266
Civil Engineering Technicians	984	910	\$67,518
Air Traffic Controllers	773	810	N/A
Dietetic Technicians	976	790	\$25,783
Diagnostic Medical Sonographers	1,199	790	\$79,167
Broadcast Technicians	812	710	\$34,311
Mechanical Engineering Technicians	750	700	\$61,671
Chemical Technicians	694	660	\$47,515
Morticians/Undertakers/Funeral Directors	573	630	\$58,334

Source: Illinois Department of Employment Security, Occupation Projections.

Figure 65 on the next page shows the occupations that typically require an Associate level or comparable degree to obtain employment. The occupations are ranked per the anticipated number of annual average job openings from 2016 through 2026. In terms of job openings, most of the top occupations are in health care related fields, accounting for nearly 30% of those listed. Various types of engineering technicians comprise the second largest group and account for many of the higher paying positions.

Long-term OJT: more than 12 months of training, or a combination of work experience and formal classroom instruction needed for workers to develop the skills to attain competency in the occupation. This on-the-job training category also includes employer-sponsored training programs, such as those offered by fire academies and schools for air traffic controllers. In other occupations—nuclear power reactor operators, for example—trainees take formal courses, often provided at the jobsite, to prepare for the required licensing exams. In addition, the category includes occupations in which workers typically need to possess a natural ability or talent—musicians and singers, athletes, dancers, photographers, and actors, among others—and that ability or talent must be cultivated over several years, sometimes in a nonwork setting. The category excludes apprenticeships.

Moderate-term OJT: more than 1 month, and up to 12 months, of combined on-the-job experience and informal training that is needed for the worker to develop the skills to attain competency in the occupation; this on-the-job training category also includes employer-sponsored training programs.

Short-term OJT: 1 month or less of combined on-the-job experience and informal training that is needed for the worker to develop the skills to attain competency in the occupation; this on-the-job training category also includes employer-sponsored training programs.

Figure 65: Experience Required for Occupations Typically Requiring an Associate Degree, Cook County, 2016

Occupation	Experience	On-the-Job Training
Preschool Teachers, Ex. Special Education	None	None
Paralegals & Legal Assistants	None	None
Physical Therapist Assistants	None	None
Veterinary Technologists & Technicians	None	None
Life/Phys/Social Science Techs, All Other	None	None
Radiologic Technologists	None	None
HR Assistants, Ex. Payroll/Timekeeping	None	None
Respiratory Therapists	None	None
Occupational Therapist Assistants	None	None
Mechanical Drafters	None	None
Electrical & Electronic Engineering Techs	None	None
Architectural & Civil Drafters	None	None
Civil Engineering Technicians	None	None
Air Traffic Controllers	None	Long-term OJT
Dietetic Technicians	None	None
Diagnostic Medical Sonographers	None	None
Broadcast Technicians	None	Short-term OJT
Mechanical Engineering Technicians	None	None
Chemical Technicians	None	Moderate-term OJT
Morticians/Undertakers/Funeral Directors	None	Long-term OJT
Industrial Engineering Technicians	None	None
Cardiovascular Technologists & Techs	None	None
Desktop Publishers	None	Short-term OJT
Magnetic Resonance Imaging Techs	< 5 years	None
Medical Equipment Repairers	None	Moderate-term OJT
Legal Support Workers, All Other	None	None
Electrical & Electronics Drafters	None	None
Radio, Cellular & Tower Equip. Inst/Rep	None	Moderate-term OJT
Radiation Therapists	None	None
Environmental Engineering Technicians	None	None
Nuclear Medicine Technologists	None	None
Nuclear Technicians	None	Moderate-term OJT
Electro-Mechanical Technicians	None	None
Embalmers	None	Long-term OJT

OJT = On-the-job training

Source: Illinois Department of Employment Security, Occupation Projections.

Career Technical Education

The definition of Career and Technical Education according to the Illinois State Board of Education: *Career and Technical Education (CTE) programs in Illinois provide instruction for careers in high-wage, high-skill, and in-demand occupations. CTE programs continue to strengthen students' technical skills; articulate transitions to postsecondary programs, employment, or both; assist in meeting the Illinois Learning Standards; and close achievement gaps.*

Opportunities for students to participate are available in all high schools located within the Oakton district. Participants are defined as students within each disciplinary field, while concentrators take more than one course in a single field of study. Since students can participate in different disciplines at the same time there could be duplicate students counted in the participants column. However, it does provide an idea of programs the upcoming graduates are interested in exploring. A full list of CTE by high school is listed in the appendix.

Figure 66: Career Technical Education in Oakton Feeder Schools, 2020 Unduplicated

	Concentrators ↓	Participants
Business, Management and Administration	1,223	2,177
Science, Technology, Engineering and Mathematics	1,158	1,726
Architecture and Construction	1,114	1,854
Arts, Audio/Video Technology and Communications	513	1,206
Information Technology	460	1,215
Hospitality and Tourism	342	1,948
Transportation, Distribution, and Logistics	329	660
Human Services	274	4,800
Manufacturing	228	822
Finance	117	965
Education and Training	56	57
Marketing	55	422
Health Science	21	77
Law, Public Safety, Corrections and Security	6	25
Agriculture, Food and Natural Resources	0	16
TOTAL	5,896	17,970

Source: Illinois State Board of Education.

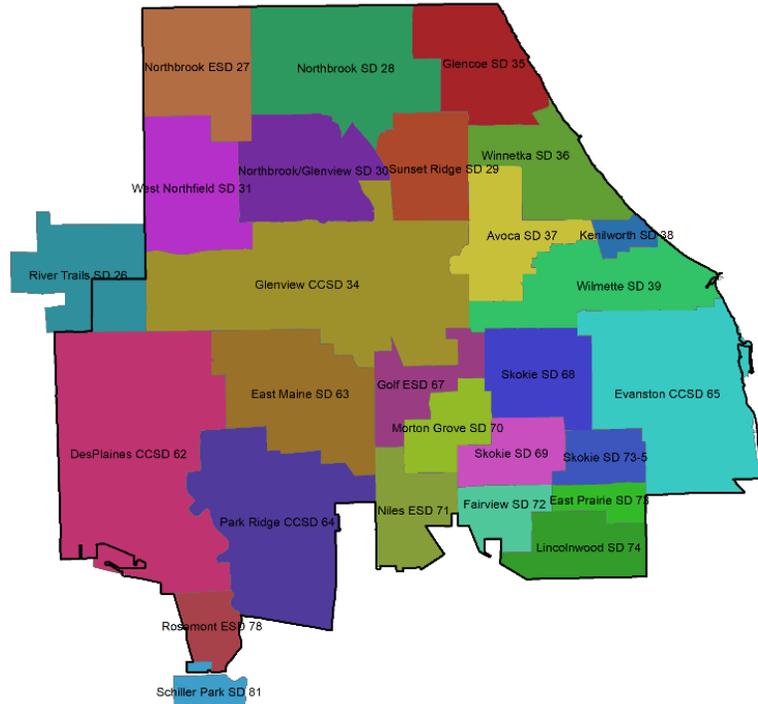
Future Oakton Students

School Inventory

There are 31 school districts overlapping the Oakton district. Twenty-six are elementary districts for grades pre-kindergarten through 8th grade. There are five high school districts: Evanston Township HSD 202, Maine Township HSD 207, New Trier Township HSD 203, Niles Township HSD 219 and Northfield Township HSD 225. A very small part of Township HSD 214 overlaps the Oakton district in the area of Des Plaines, but is not included in this report. However, students from all of these districts are eligible to attend Oakton Community College at the in-district tuition rate. These districts are comprised of 115 schools listed in the Appendix.

There were 23,722 students enrolled in the five high school districts in the 2020 school year and just under 49,518 in the elementary grades, for a total of 73,240 students. River Trails School district 26 and Schiller Park School district 81 only partially overlap the district and are included in this report (see Figure 67).

Figure 67: Elementary Districts Overlapping the Oakton District, 2020



The pandemic has drastically impacted schooling since March 2020. Taking time to establish guidelines, schools have had to adjust and be flexible to accommodate the Center for Disease Control mitigations to reduce the spread of the Covid-19 virus. The impacts are still being realized as this report is being written over a year later. As the education industry adjusts to back and forth teaching methodologies, online learning, parents have had to adjust to being home with their K-12 children. Child care centers shut down

and in-home daycare would be risky. The dynamics have fundamentally changed the already strained workforce as many had to leave simultaneously with businesses shutting down, causing record-breaking high unemployment. It was estimated that 3.4% of children were home-schooled prior to the pandemic, so it will be interesting to see how many choose to continue home-schooling after having their children home for most of the last year.

The Gallup Organization conducted a poll on whether parents support in-person schooling for K-12 and the vast majority, regardless of politics, work status, or region, favorably support in-person classes. Figure 68 shows the results of the poll conducted in February 2021 in response to the following question: *Organizations and governments are pursuing different policies during the coronavirus pandemic. Do you support providing in-person schooling for elementary and secondary students for your community right now?*

Figure 68: Gallup Poll on In-Person Schooling

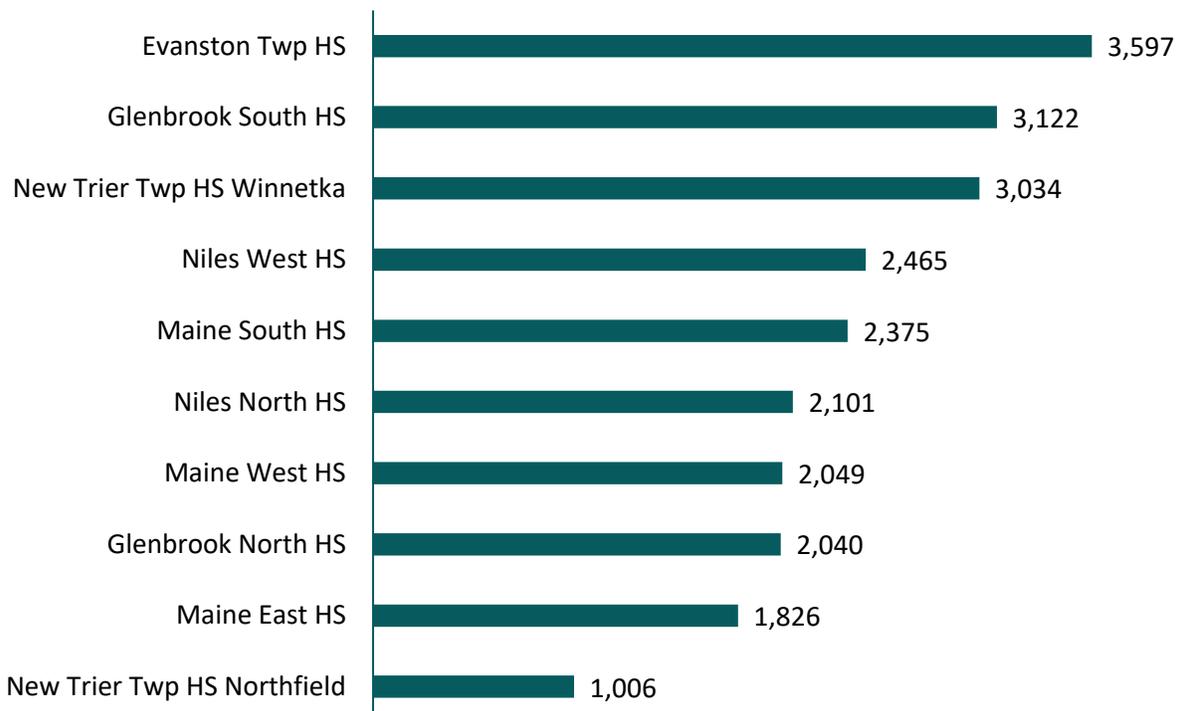
	% Support In-person Teaching
All K-12 parents	79%
Employment Status	
Working	82%
Not Working	71%
U.S. Region	
Northeast	90%
Midwest	83%
South	78%
West	72%
Party Identification	
Republican	94%
Independent	80%
Democrat	62%

Source: Gallup Panel, Feb. 14-21, 2021.

School Enrollment

The anticipation of having almost the entire population vaccinated will allow communities to return to a semblance of normal and recover the damage to the occupations devastated in the last year. Communities are anxious to have consistently provided in-person schooling so that parents can return to the workforce. Enrollment in the schools has remained fairly steady although there has been a dip in both elementary and high school enrollment in the last few years. It can be assumed that most of that decline is due to the demographic changes taking place where families are smaller and the aging of the population means fewer families in the Oakton district. The elementary schools have gained 2,026 additional students since 2010 (4.3%) and the high schools added an additional 406 students (1.7%). It would seem the enrollments have hit their peak and the pandemic may further complicate the increase of those enrollments.

Figure 69: 2020 High School Enrollments



Source: Illinois State Board of Education, Illinois Report Card.

2021 Oakton Community College Environmental Scan

The enrollments at the five high school districts within the Oakton Community College district show varying levels of enrollment change since 2010. Both Evanston and Northfield Township High School districts have gained students while Maine, New Trier, and Niles Township High School districts have declined. Overall, for all feeder high schools, the decline has been 5.9% or a loss of 4,491 students. The state enrollment has declined by 5.2% in the same time frame.

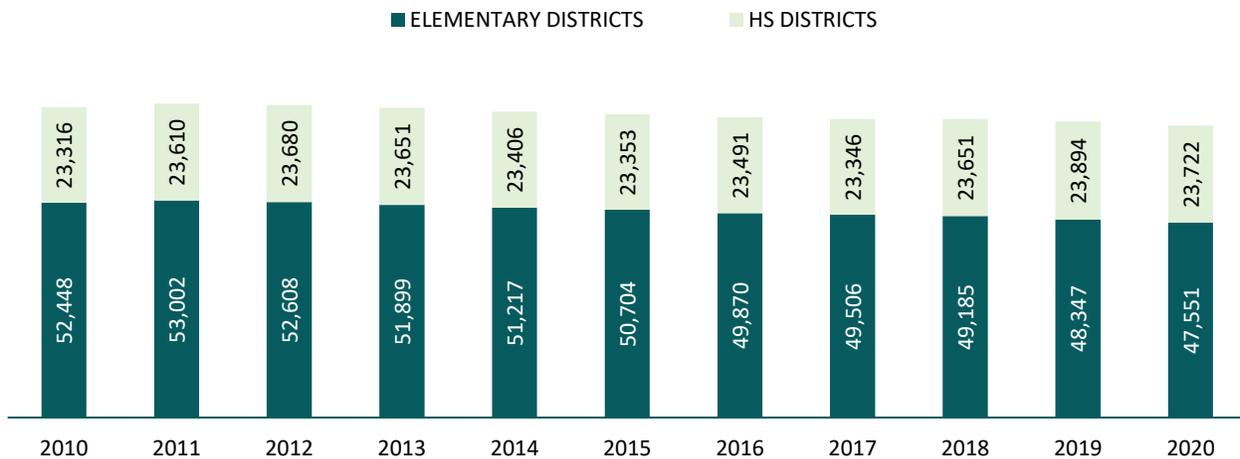
Figure 70: Change Oakton Feeder School District Enrollment, 2010 to 2020



Source: Illinois State Board of Education, Illinois Report Card.

Figure 71 shows the difference in enrollment change between the elementary grades and the high school districts. The high school districts have had a slight decline in SY 2020 but also showed enrollment increases the few years prior. The elementary schools are showing more of a decline in the more recent years, not a significant reduction, but worth maintaining a watch on the next few years if it becomes a trend.

Figure 71: Enrollment by District Type, 2010-2020



Source: Illinois State Board of Education, Report Card.

School Performance Indicators

The following definitions set the context for Figure 72 where the schools in the Oakton district are listed along with the primary performance indicators. Due to the pandemic, the PARCC tests were not given so there is no updated data to present. After the general performance indicators for all schools the specific indicators unique to high schools are presented.

English Learners (EL)

The Illinois average for those requiring additional English learning is 13%. For those schools overlapping the Oakton district, there are 53 out of 115 that have a higher proportion of students requiring additional English learning, the highest being Orchard Place Elementary school in the Des Plaines CCSD #62, at 69.9%.

Individualized Education Plan (IEP)

The state average is 15.0% of students have an IEP, which provides supplemental services, accommodations, modifications, and additional supports to enable the student to be involved in, and make progress in, the general education curriculum. In the schools overlapping the Oakton district there are 31 schools above the state average, the highest being Park Ridge CCSD 64 at 64.2%.

Low-Income (LI)

The best available proxy for students from low-income families is the number that qualify for a free or reduced lunch. These estimates are higher than regular poverty measures because the lunch program has more liberal income requirements. These figures are also calculated based upon the residential population, not the number of students enrolled, so the percentages may be higher due to the number of students being home-schooled, attending special or private schools, etc. The overall percentage of low-income students in the school districts overlapping the Oakton district is 23.8%, or 17,347 students, which is less than half the statewide rate of 49% in 2020.

Homeless

Federal and state laws require school districts to provide additional help and support for homeless students. Services may include education, transportation, and healthcare, as well as removing barriers to school attendance. The district is responsible for actively reaching out to homeless students and families to make sure that they have the support that they need. Homeless students may include those who are sharing housing with other individuals due to loss of housing, living in non-housing locations,

substandard housing, living in emergency or transitional shelters, are abandoned at hospitals, or awaiting foster care placement. The statewide average is 2% and 11 schools that overlap the Oakton district have higher rates. An additional eight schools have identified homeless students that are receiving assistance.

Attendance Rate

The statewide attendance rate is 95.4%, and all the Oakton schools have high rates of attendance. Thirty-nine schools have lower attendance rates than the state average, but only slightly lower. The Lincoln Jr High School has the lowest attendance rate at 84.5%.

Mobility

When students are being shuffled from school-to-school their performance can suffer greatly as they try to adapt to different pedagogy and cultures. The statewide mobility rate is 6% in 2020 and there are 37 schools that have a higher mobility rate. The highest rate of 15.0% is the North Elementary School in the Community Consolidated School District 62. High mobility rates lead to less stabilization in those populations as the students work to adapt along with school staff.

Chronic Truancy

Illinois law defines a “chronic truant” as a student who misses 5 percent of school days within an academic year without a valid excuse. That definition means nine days of an average 180-day school year. The count of chronically truant students does not include students with excused absences. Chronic truants are at risk of academic and behavioral problems. Research shows that chronic truancy has been linked to serious delinquent activity in youth and to significant negative behavior and characteristics in adults. The statewide average is 9.6% and there are 11 schools overlapping the Oakton district with higher chronic truancy rates.

These indicators are located on the next page in Figure 72 for the districts.

Figure 72: Performance Indicators for School Districts, 2020

	EL	IEP	LI	Homeless	Attend	Mobility	Enroll	Truancy
Avoca SD 37	11.3%	9.2%	5.0%	0.0%	95.8%	1.4%	741	0.0%
CCSD 62	33.6%	17.3%	41.3%	0.9%	94.9%	6.6%	4,589	9.0%
East Maine SD 63	38.9%	14.8%	52.9%	1.7%	94.7%	9.7%	,3463	4.3%
East Prairie SD 73	21.4%	14.6%	25.6%	0.0%	96.0%	3.8%	519	0.0%
Evanston CCSD 65	13.9%	13.7%	37.8%	2.0%	95.3%	5.0%	7,943	9.3%
Evanston Twp HSD 202	4.7%	13.6%	38.5%	4.8%	97.2%	8.3%	3,547	12.2%
Fairview SD 72	10.3%	16.4%	20.9%	0.0%	95.8%	4.7%	731	0.0%
Glencoe SD 35	1.7%	13.4%	0.9%	0.0%	94.9%	2.4%	1,204	0.2%
Glenview CCSD 34	15.1%	13.5%	21.5%	0.3%	95.7%	3.3%	4,838	2.8%
Golf ESD 67	12.8%	13.7%	24.8%	0.0%	95.6%	4.6%	658	0.3%
Kenilworth SD 38	0.0%	9.7%	0.0%	0.0%	95.3%	4.1%	455	0.0%
Lincolnwood SD 74	17.6%	12.6%	11.2%	0.0%	95.1%	6.6%	1,254	0.0%
Maine Township HSD 207	6.5%	12.9%	27.0%	0.9%	91.8%	5.0%	6,370	7.4%
Morton Grove SD 70	19.2%	11.1%	24.6%	0.0%	96.0%	5.6%	917	0.2%
New Trier Twp HSD 203	0.7%	16.0%	3.7%	0.0%	95.0%	1.8%	3,968	0.1%
Niles ESD 71	12.4%	9.5%	41.3%	0.0%	96.1%	6.2%	588	0.0%
Niles Twp HSD 219	7.0%	11.9%	31.1%	1.0%	92.5%	3.8%	4,594	2.5%
Northbrook ESD 27	4.7%	15.0%	2.6%	0.0%	96.2%	3.1%	1,263	2.1%
Northbrook SD 28	7.4%	14.1%	2.9%	0.0%	96.0%	3.0%	1,800	0.0%
Northbrook/Glenview SD 30	9.2%	13.3%	1.8%	0.0%	95.6%	2.5%	1,200	0.0%
Northfield Twp HSD 225	2.9%	13.1%	14.5%	0.4%	95.5%	1.9%	5,172	1.2%
Park Ridge CCSD 64	7.3%	11.6%	3.5%	0.3%	96.0%	2.4%	4,687	2.3%
Pennoyer SD 79	17.5%	11.4%	19.6%	0.0%	95.4%	4.3%	429	0.2%
River Trails SD 26	20.6%	11.0%	33.5%	0.0%	95.7%	5.0%	1,552	3.0%
Skokie SD 68	21.7%	14.6%	51.4%	2.4%	95.7%	7.5%	1,882	0.0%
Skokie SD 69	30.8%	12.6%	52.5%	3.8%	87.3%	7.6%	1,697	3.8%
Skokie SD 73-5	18.3%	16.1%	30.3%	0.0%	95.0%	6.8%	1,102	3.2%
State of Illinois	13.0%	15.0%	49.0%	2.0%	95.0%	6.0%		9.6%
Sunset Ridge SD 29	4.7%	14.0%	2.1%	0.0%	95.2%	1.1%	485	0.0%
West Northfield SD 31	19.8%	11.9%	22.7%	0.0%	95.7%	5.7%	882	2.3%
Wilmette SD 39	3.7%	13.1%	3.3%	0.3%	95.9%	2.4%	3,617	0.2%
Winnetka SD 36	0.9%	20.0%	0.0%	0.0%	95.6%	2.5%	1,668	0.0%

Source: Illinois State Board of Education, 2020 Report Card.

Highlighted are rates worse than the statewide average. Bolded districts are high school districts.

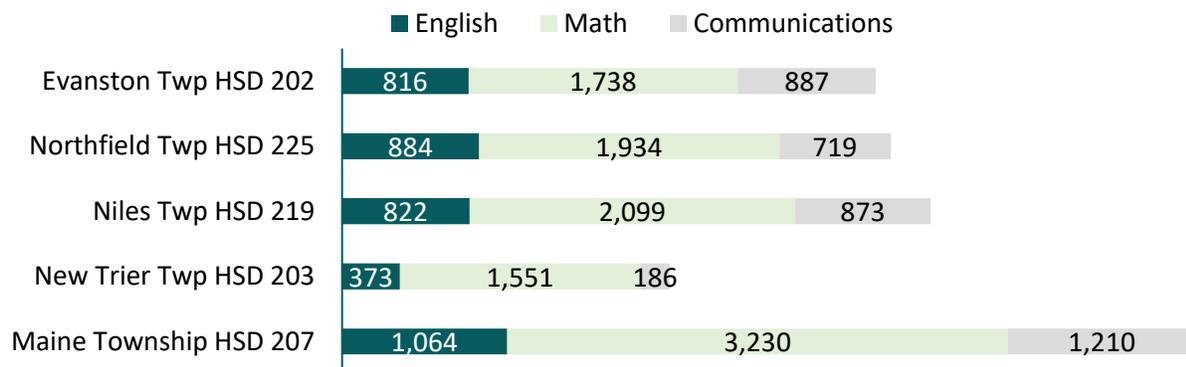
High School Performance Indicators

High schools have additional performance indicators unique to the 9th through 12th grade population. Those additional indicators are the following: College Remediation, Graduation Rate, Postsecondary Enrollment, Advanced Coursework, Dual Credit, Advanced Placement, and 9th Grade on Track.

Illinois Community College Remediation

Remediation, sometimes called developmental education, is designed to help prepare students who are considered not yet ready for the rigor of entry-level college courses in core academic subjects such as reading, math, and science. Community colleges can require students to take remedial courses if they are judged to need additional preparation to earn credit from college level studies. These data do not include remediation rates for students at 4-year colleges in Illinois, students who enrolled in schools outside of Illinois, or those who did not continue their education past high school. The figure below shows the number of students from each school district who required remediation in each subject area. Note that one student may require remediation in multiple subjects.

Figure 73: Community College Remediation, 2018 Graduating Class

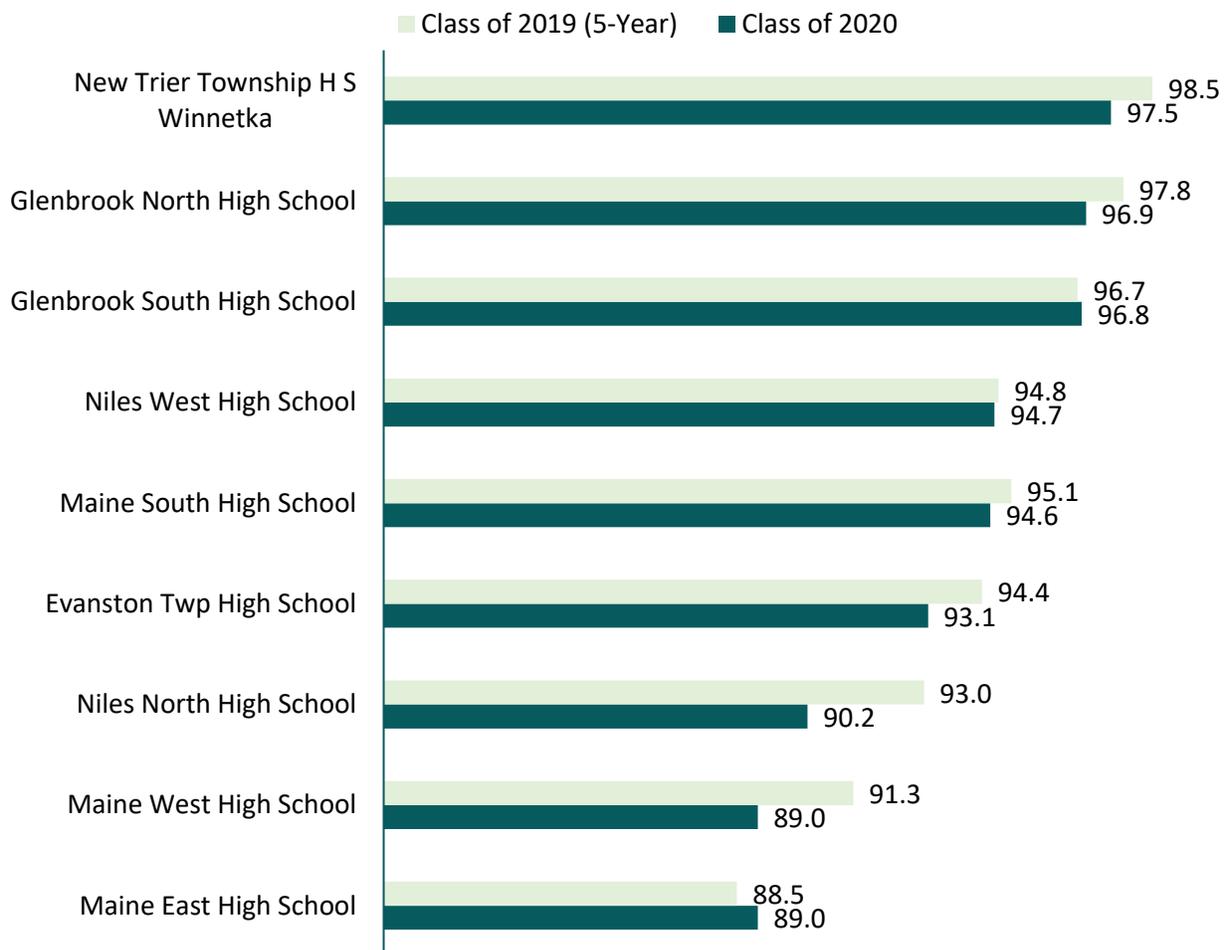


Source: Illinois State Board of Education, 2020 Report Card.

Graduation Rates

A high school diploma is vital both for students who plan to enter college and students who plan to enter the workforce. Ensuring graduates are ready for college and career it is important to evaluate graduation rate in the context of student achievement, college-readiness, and career-readiness. Figure 74 shows the percentage of graduating students who entered 9th grade for the first time four or five years prior to the year being reported. The four- and five-year graduation rates are from different graduating classes. For comparison purposes, the statewide average graduate rate is 88.0% for the four-year and 88.4% for the five-year graduation rates.

Figure 74: Graduation Rates

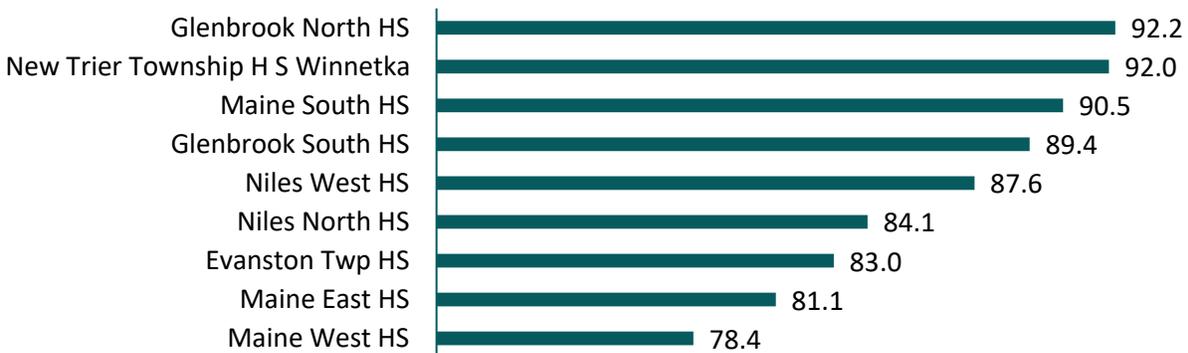


Source: Illinois State Board of Education, 2020 Report Card.

Postsecondary Enrollment

Figure 75 displays the percentage of students who graduated with a regular high school diploma from a public high school in Illinois and enrolled into a postsecondary institution in the U.S. within 16 months. Young adults who earn college credit are more likely to be employed and stay employed. The statewide average is 71.0% so all high school districts are above average.

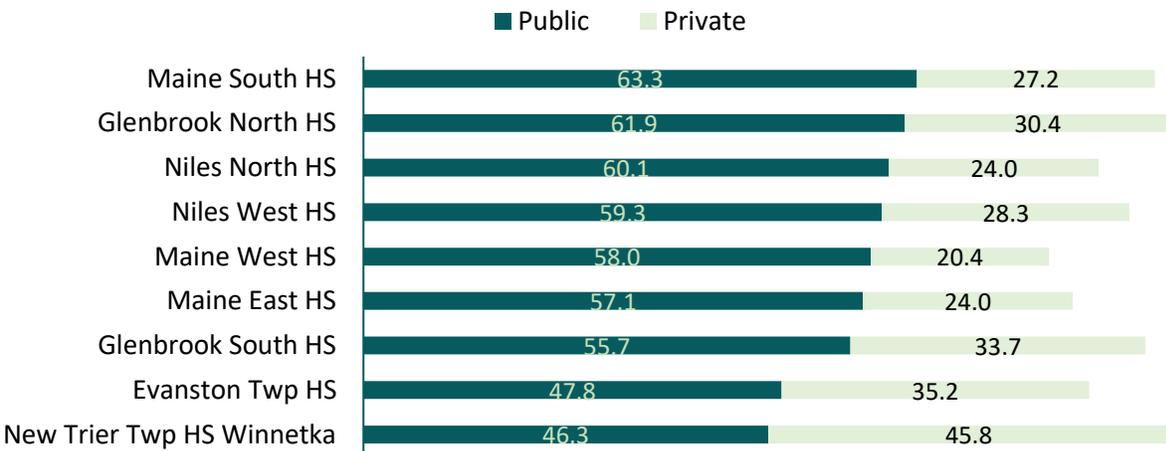
Figure 75: Postsecondary Enrollment for 2018 Graduating Class, 16 Months



Source: Illinois State Board of Education, 2020 Report Card.

The institution types the high school graduates are choosing reveals a preference for public institutions over private. New Trier Township High School in Winnetka is almost a 50/50 split, but the remaining graduates enroll into Illinois public institutions at higher proportions. The statewide average is 54% into public institutions and 16.9% into private institutions. The percentages do not all add up to 100% as some students attend out-of-state schools which are not included.

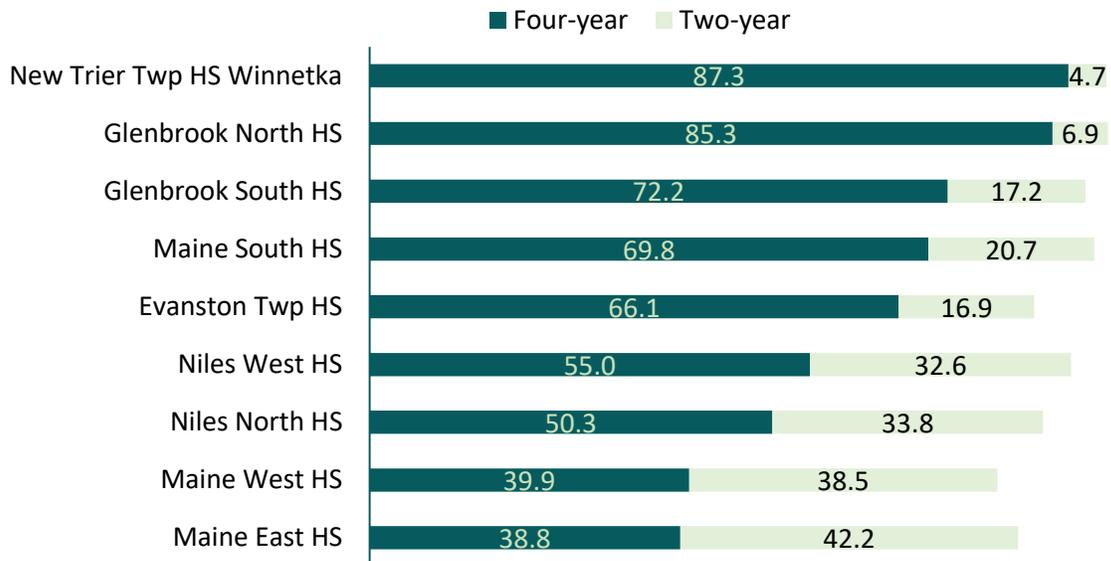
Figure 76: Postsecondary Enrollment by Public/Private Institution, 2018 Graduating Class at 16 Months Postgraduation



Source: Illinois State Board of Education, 2020 Report Card.

Figure 77 identifies the institution type those graduates are attending. The four-year institutions tend to be more popular. However, the Maine East and West high schools are more of an even split. The statewide average is 40.7% into four-year institutions and 30.3% into two-year institutions. The percentages do not all add up to 100% as some students attend out-of-state schools which are not included.

Figure 77: Postsecondary Enrollment by Institution Type, 2018 Graduating Class at 16 Months Postgraduation



Source: Illinois State Board of Education, 2020 Report Card.

Advanced Placement and Dual Credit

Advanced Placement, Dual Credit, and International Baccalaureate courses help to build the college level skills students need for success. These courses may save time and money for students. Successful students may enter college with a semester or more worth of college credit, which means they may skip introductory courses or take fewer classes to pay less in tuition and fees. Completion of these rigorous courses in high school may also give students an edge in the applicant pools of highly selective colleges and universities. There is no information on students participating in the International Baccalaureate coursework in the Oakton feeder schools.

Figure 78: Advanced Placement by High School, 2020

	9th Grade	10th Grade	11th Grade	12th Grade	Total	Enrollment	Percent
Evanston Twp HS	0	107	566	535	1,208	3,597	33.6%
Maine East HS	140	160	192	222	714	1,826	39.1%
Maine West HS	127	188	238	272	825	2,049	40.3%
Maine South HS	218	224	308	389	1,139	2,375	48.0%
New Trier Twp HS Winnetka	0	0	275	635	910	3,034	30.0%
Niles North HS	93	149	188	252	682	2,101	32.5%
Niles West HS	104	142	231	354	831	2,465	33.7%
Glenbrook South HS	20	127	387	548	1,082	3,122	34.7%
Glenbrook North HS	12	124	196	316	648	2,040	31.8%
Illinois	14,877	27,199	46,708	53,642	142,426	1,957,018	7.3%

Source: Illinois State Board of Education, 2020 Report Card and some data from schools directly.

Figure 79: Dual Credit by High School, 2020

	9th Grade	10th Grade	11th Grade	12th Grade	Additional*	Total	Enrollment	Percent
Evanston Twp HS	80	53	81	110	50	374	3,597	10.4%
Maine East HS	13	34	156	265	0	468	1,826	25.6%
Maine West HS	13	10	139	192	0	354	2,049	17.3%
Maine South HS	55	60	123	320	0	558	2,375	23.5%
New Trier Twp HS Winnetka	89	77	48	37	0	251	3,034	8.3%
Niles North HS	19	15	45	85	0	164	2,101	7.8%
Niles West HS	24	37	92	112	0	265	2,465	10.8%
Glenbrook South HS	61	48	83	180	1	373	3,122	11.9%
Glenbrook North HS	43	52	65	30	0	190	2,040	9.3%
Oakton Total	397	386	832	1,331	51	2,997	22,609	13.3%
Illinois	5,392	3,776	19,846	38,017	0	67,031	1,957,018	3.4%

Source: Oakton Community College.

Upward Grade Level Transition

The SAT is an admission test accepted by all U.S. colleges and is intended to determine a student's level of college readiness in the academic subjects of Math and English/Language Arts. As the required high school state assessment, the SAT will fulfill the requirement that students take an assessment for college and career readiness to receive a regular high school diploma, unless eligible to take the alternative assessment or otherwise exempt from testing. The SAT will also fulfill the requirement that high school students must take an assessment accepted for student admission to institutions of higher education. While academic preparation in Math and English/Language Arts is an essential part of readiness for college and careers, students also need preparation in other subject areas along with persistence, motivation, time management, and technical skills.

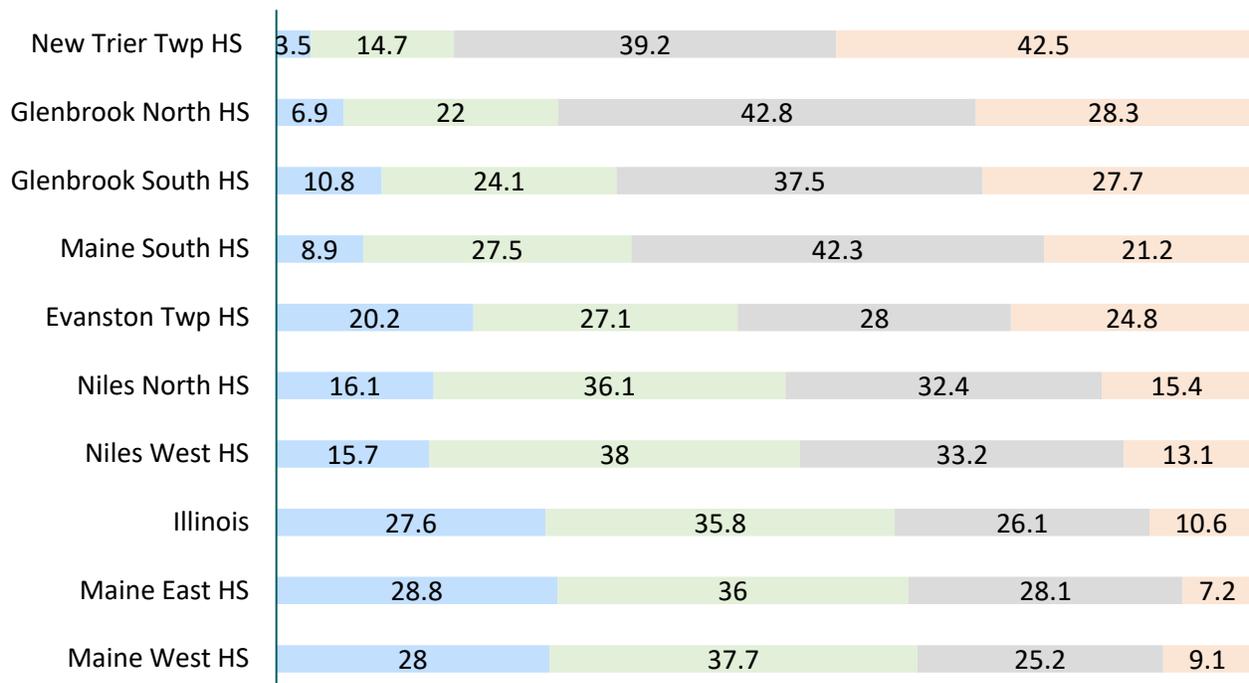
The following visualizations display the percentage of students who achieved scores in the following SAT performance level categories:

- Level 1 Pale Blue - Partially Meets Standards: The student has only partially met the standards and demonstrates a **minimal** understanding of the knowledge and skills needed relative to the Illinois Learning Standards.
- Level 2 Light Green - Approaching Standards: The student is approaching the proficiency level and demonstrates an **incomplete** understanding of the knowledge and skills needed relative to the Illinois Learning Standards.
- Level 3 Grey - Meets Standards: The student has met the proficiency level and demonstrates **adequate** understanding of the knowledge and skills needed relative to the Illinois Learning Standards.
- Level 4 Orange - Exceeds Standards: The student has exceeded the proficiency level and demonstrates a **thorough** understanding of the knowledge and skills needed relative to the Illinois Learning Standards¹¹.

Due to the pandemic, the 2020 school year was not able to take the SAT through the high schools since the schools were closed and large gatherings were prohibitive. The SAT results shown here are for the 2019 school year.

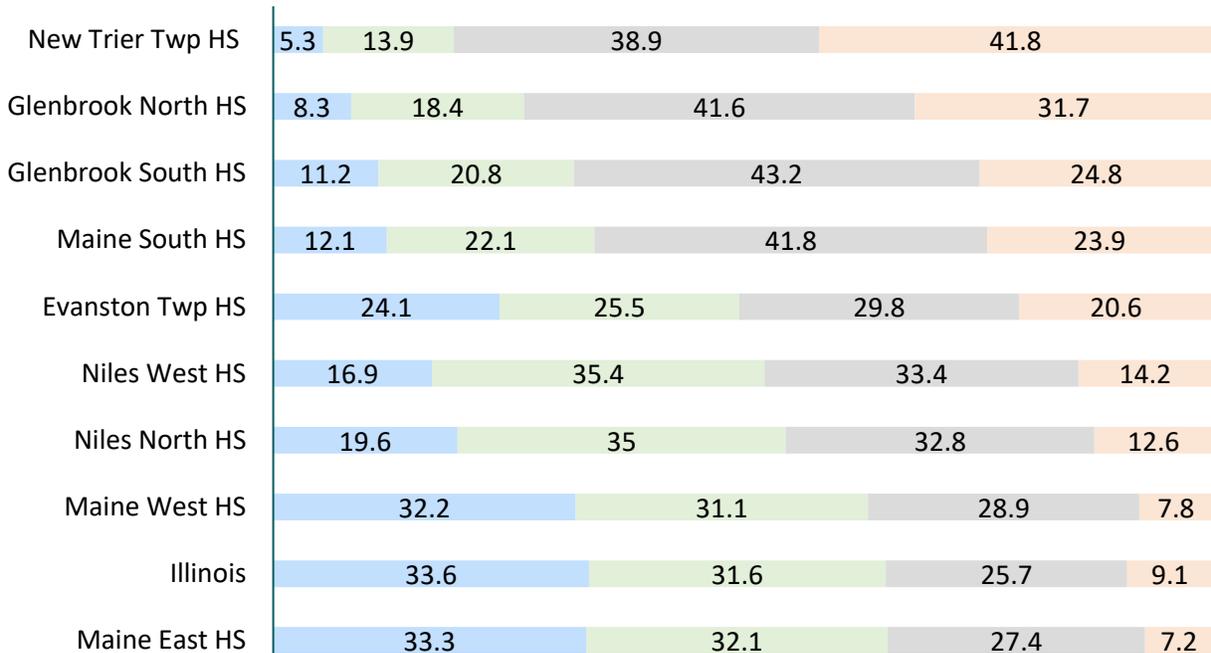
¹¹ Definition of SAT exams from Illinois State Board of Education.

Figure 80: SAT Exams - Reading, 2019



Source: Illinois State Board of Education, 2020 Report Card.

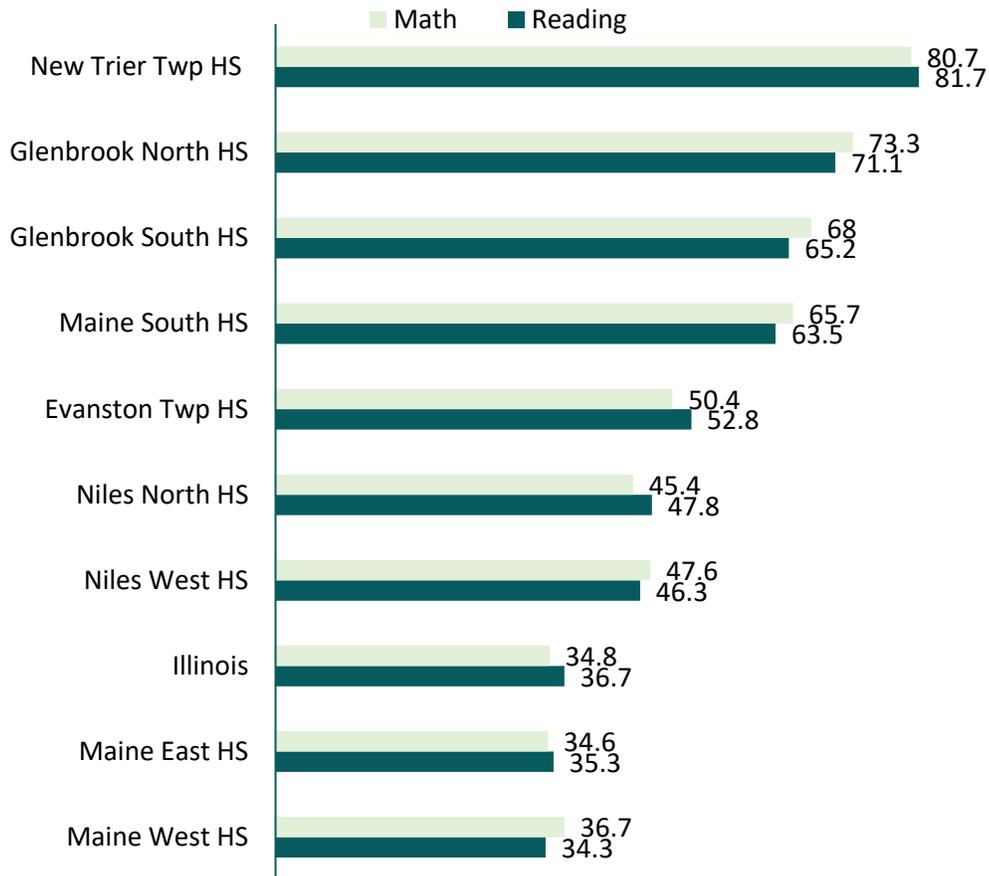
Figure 81: SAT Exams - Math, 2019



Source: Illinois State Board of Education, 2020 Report Card.

The Illinois SAT average for students who meet or exceed (light and dark green) in Reading is 36.7%, while Math is 34.8%. Almost all the high schools surpass those averages. The only exceptions are Maine East and Maine West High Schools falling below the state averages.

Figure 82: SAT Exam Percent of Students Who Met or Exceeded State Standards, 2019



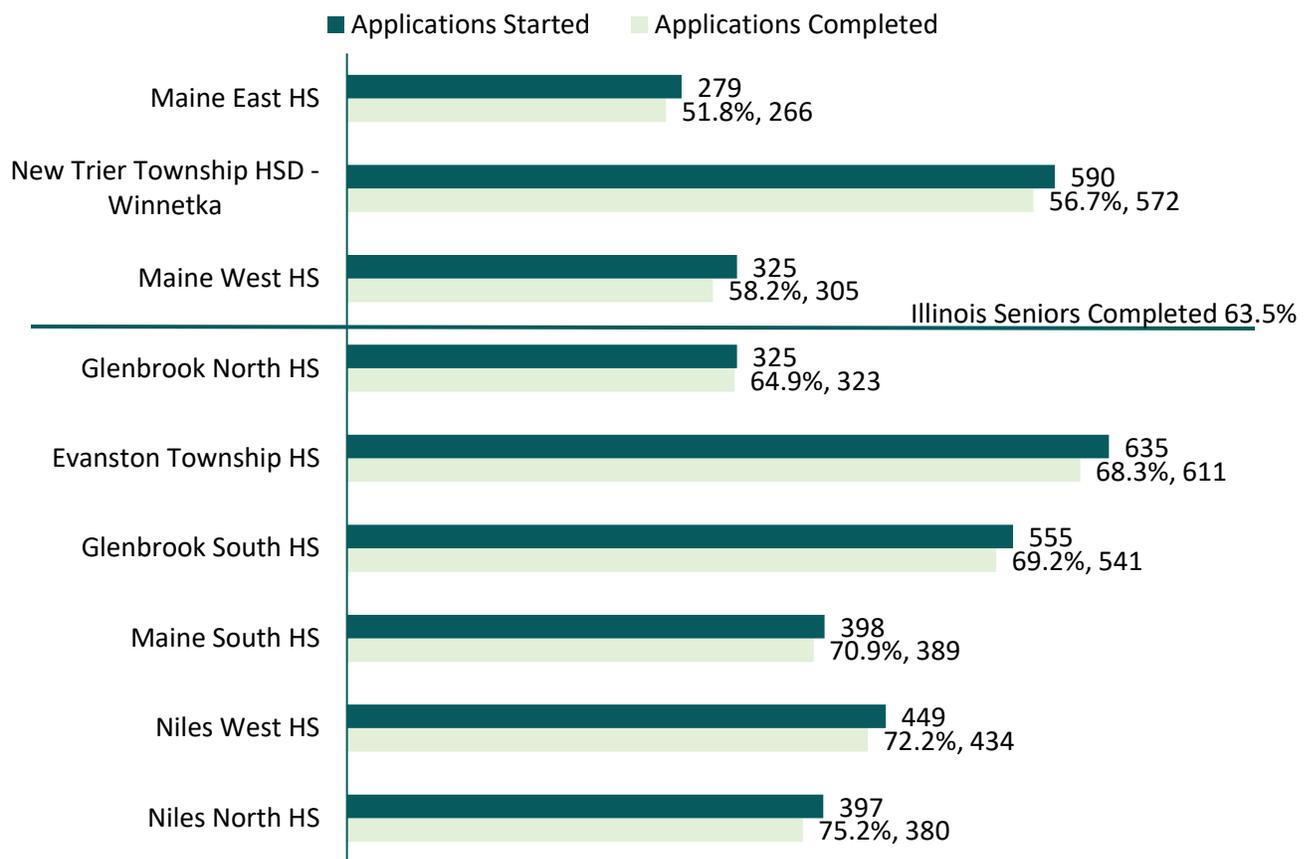
Source: Illinois State Board of Education, 2020 Report Card.

Financial Aid

FAFSA Applications

There is a strong correlation between the completion of the *Free Application for Federal Student Aid* (FAFSA) and enrollment into higher education. Completed FAFSA applications are a way to gauge intent of high school seniors to attend a higher education institution. Students are encouraged to file the FAFSA during high school, but this typically requires additional information from parents or guardians to complete the application at home. Numbers in Figure 83 are calculated for first-time filers no older than 18 who will have received their high school diploma by the start of the school year for which they are applying. The statewide average for completing the FAFSA applications once started is 94.2% and 63.5% of all seniors did complete their FAFSA applications. The high schools in the Oakton district have higher FAFSA completion rates. High FAFSA completion rates are an indicator of schools working effectively with students to consider college and complete the application. Niles North High School has the highest completion rate among all 12th graders in 2021 SY of 75.2%.

Figure 83: FAFSA Application Started and Completed Through March 21, 2021



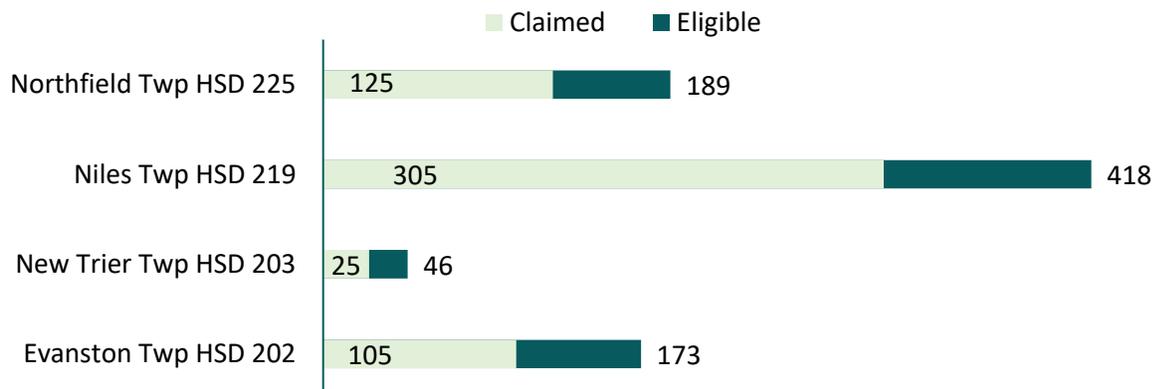
Sources: U.S. Department of Education and Illinois State Board of Education, Fall Enrollment Counts.

Map Grants

The Monetary Award Program (MAP) is a grant program administered by the Illinois Student Assistance Commission (ISAC) and funded by the State of Illinois. MAP provides payment toward college tuition and mandatory fee costs at Illinois institutions that participate in the program and does not need to be paid back. Eligibility for MAP is based on financial need – not high school grades or test scores – and is determined using information provided on the FAFSA. MAP is awarded to students in all higher education sectors, is available to both full- and part-time students, and is available to returning adult and traditional undergraduate students. MAP can make the difference for those who would otherwise not have the financial resources to attend college¹².

Among the feeder schools, in 2019 a total of 560 students finalized their claim to receive Map funding. A total of 826 were deemed to be eligible for funding leaving 266 students who did not finalize their claim to accept the funds. The reasons for declining MAP funding can vary, such as deciding against attending school or not needing the funds.

Figure 84: Map Grants Claimed Among Oakton Feeder Schools, 2019

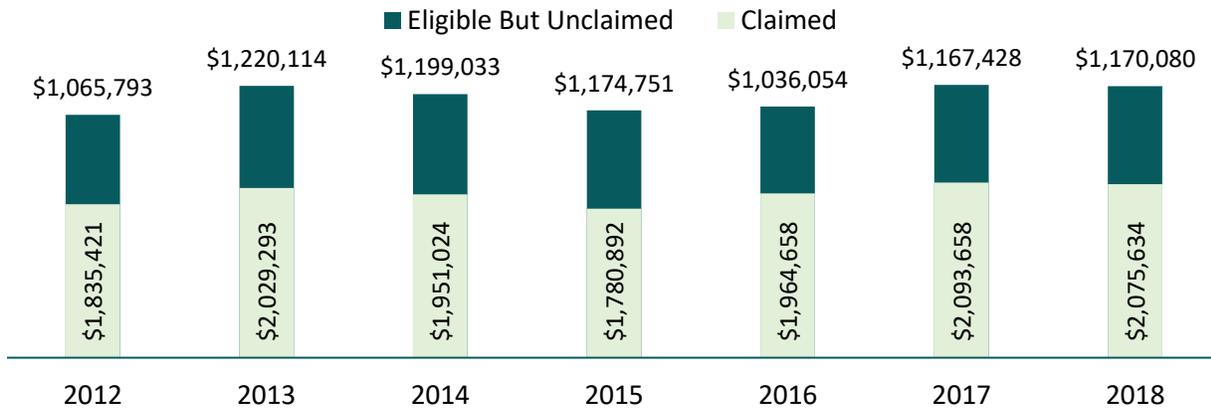


Source: Illinois Student Assistance Commission.

¹² For further information: <https://www.isac.org/home/map-matters/about.html>.

There has been a history of not funding the MAP grant program at a level that meets the needs of all eligible students. Several measures have been implemented to spread the allocation as wide as possible. There is no longer funding for the summer semester and cut-off dates for applications have been implemented, giving early applicants the best chance at funding.

Figure 85: Map Grant Dollars Offered and Claimed, 2019

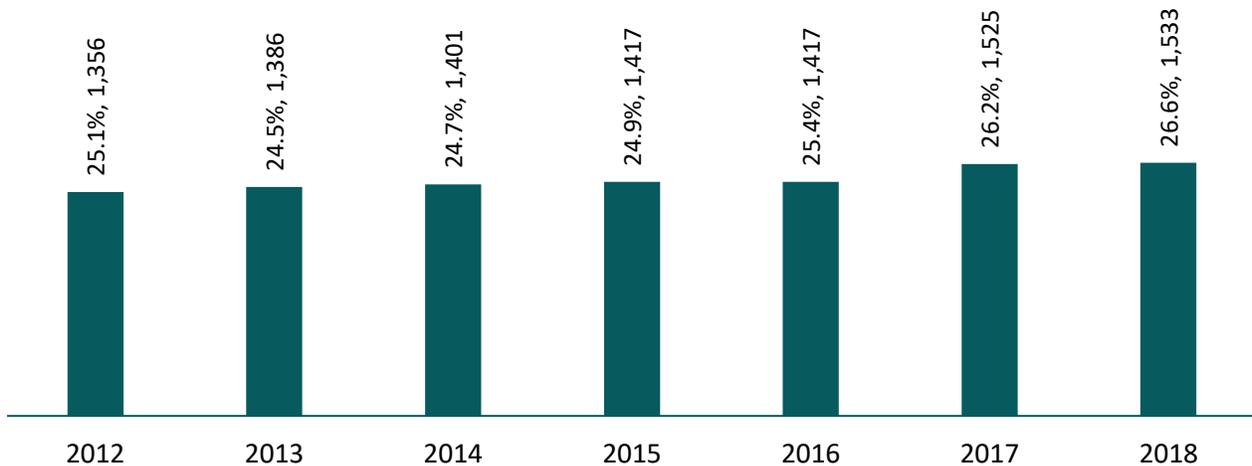


Source: Illinois Student Assistance Commission.

Pell Grants

The federally funded Pell Grant is available to low- and middle-income undergraduate students to pay for any related education expenses. Everyone who files a FAFSA is automatically calculated for qualification and the funds do not need to be repaid. Allocation is need-based like the MAP grant funding. (See Figure 86).

Figure 86: Pell Grant Funding Eligible Students



Source: Illinois Student Assistance Commission.

Appendix

MOOC-ing a Comeback?

Once the darling of edtech, massive open online courses, or MOOCs, never seemed to fully live up to their hype. That might be changing. One major MOOC purveyor, Coursera, recently launched a new program, Coursera for Campus, which allows any university to use Coursera's courses to deliver online learning (not just the company's list of blue-chip partners in higher education). As summarized in Higher Ed Dive, the company's strategy is twofold: expand its efforts to "standardize and scale colleges' core curriculum" and provide institutions a channel for instruction in emerging technologies. Another MOOC provider, EdX, started by Harvard and MIT, is moving in similar directions.

For discussion:

- In broad terms, how does the expanding universe of private-sector course providers affect our institution?
- What are the pros and cons of using a company like Coursera to deliver either core gen-ed courses or instruction in specialized technologies that our institution does not currently offer?
- If private sector firms in the edtech space are here to stay and expanding, what steps should our institution take to compete effectively in this fast-evolving environment?

Source: Hallie Busta, "Coursera opens its course catalog for colleges to scale gen eds, add training," Higher Ed Dive, Oct 4, 2019,

www.highereddive.com/news/coursera-opens-its-course-catalog-forcolleges-to-scale-gen-eds-add-traini/564405/; Natalie Schwartz, "Are MOOCs getting a second wind as colleges look online for gen ed classes?," Higher Ed Dive, December 16, 2020, www.highereddive.com/news/are-moocs-getting-a-second-wind-as-colleges-look-online-for-gen-ed-classes/592309.

Schools in Oakton District

District	School	District Size	Grades Served	Summative Designation
Avoca SD 37	Marie Murphy School	MEDIUM	PK 6 7 8	Exemplary
Avoca SD 37	Avoca West Elem School	MEDIUM	K 1 2 3 4 5	Exemplary
CCSD 62	Algonquin Middle School	LARGE	6 7 8	Targeted
CCSD 62	Chippewa Middle School	LARGE	6 7 8	Commendable
CCSD 62	Iroquois Community School	LARGE	K 1 2 3 4 5 6 7 8	Exemplary
CCSD 62	Central Elem School	LARGE	K 1 2 3 4 5	Commendable
CCSD 62	Cumberland Elem School	LARGE	K 1 2 3 4 5	Commendable
CCSD 62	Forest Elem School	LARGE	PK K 1 2 3 4 5	Commendable
CCSD 62	North Elementary School	LARGE	K 1 2 3 4 5	Exemplary
CCSD 62	Orchard Place Elem School	LARGE	K 1 2 3 4 5	Exemplary
CCSD 62	Plainfield Elem School	LARGE	K 1 2 3 4 5	Exemplary
CCSD 62	South Elem School	LARGE	K 1 2 3 4 5	Exemplary
CCSD 62	Terrace Elem School	LARGE	K 1 2 3 4 5	Commendable
East Maine SD 63	Gemini Jr High School	LARGE	7 8	Commendable
East Maine SD 63	V H Nelson Elem School	LARGE	K 1 2 3 4 5 6	Exemplary
East Maine SD 63	Stevenson School	LARGE	K 1 2 3 4 5 6	Exemplary
East Maine SD 63	Mark Twain Elem School	LARGE	K 1 2 3 4 5 6	Exemplary
East Maine SD 63	Washington Elem School	LARGE	PK K 1 2 3 4 5 6	Exemplary
East Maine SD 63	Melzer School	LARGE	PK K 1 2 3 4 5 6	Exemplary
East Maine SD 63	Apollo Elem School	LARGE	PK K 1 2 3 4 5 6	Commendable
East Prairie SD 73	East Prairie Elem School	MEDIUM	PK K 1 2 3 4 5 6 7 8	Exemplary
Evanston CCSD 65	Chute Middle School	LARGE	6 7 8	Targeted
Evanston CCSD 65	Haven Middle School	LARGE	6 7 8	Targeted
Evanston CCSD 65	Nichols Middle School	LARGE	6 7 8	Commendable
Evanston CCSD 65	Dawes Elementary School	LARGE	K 1 2 3 4 5	Commendable
Evanston CCSD 65	Dewey Elem School	LARGE	K 1 2 3 4 5	Exemplary
Evanston CCSD 65	Lincoln Elem School	LARGE	K 1 2 3 4 5	Exemplary
Evanston CCSD 65	Lincolnwood Elem School	LARGE	K 1 2 3 4 5	Commendable
Evanston CCSD 65	Oakton Elem School	LARGE	K 1 2 3 4 5	Targeted
Evanston CCSD 65	Orrington Elem School	LARGE	K 1 2 3 4 5	Exemplary
Evanston CCSD 65	Walker Elem School	LARGE	K 1 2 3 4 5	Commendable
Evanston CCSD 65	Washington Elem School	LARGE	K 1 2 3 4 5	Exemplary
Evanston CCSD 65	Willard Elem School	LARGE	K 1 2 3 4 5	Exemplary
Evanston CCSD 65	Dr ML King Jr Literary & Fine Arts School	LARGE	K 1 2 3 4 5 6 7 8	Commendable
Evanston CCSD 65	Kingsley Elementary School	LARGE	K 1 2 3 4 5	Exemplary
Evanston CCSD 65	Dr Bessie Rhodes Sch Global Studies	LARGE	K 1 2 3 4 5 6 7 8	Commendable

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Evanston CCSD 65	Joseph E Hill Education Center	LARGE	PK	
Evanston Twp HSD 202	Evanston Twp High School	MEDIUM	9 10 11 12	Commendable
Fairview SD 72	Fairview South Elementary School	MEDIUM	K 1 2 3 4 5 6 7 8	Commendable
Glencoe SD 35	Central School	MEDIUM	5 6 7 8	Commendable
Glencoe SD 35	West School	MEDIUM	3 4	Commendable
Glencoe SD 35	South Elem School	MEDIUM	PK K 1 2	Commendable
Glenview CCSD 34	Attea Middle School	LARGE	6 7 8	Commendable
Glenview CCSD 34	Springman Middle School	LARGE	6 7 8	Targeted
Glenview CCSD 34	Glen Grove Elem School	LARGE	3 4 5	Commendable
Glenview CCSD 34	Henking Elem School	LARGE	PK K 1 2	Commendable
Glenview CCSD 34	Hoffman Elem School	LARGE	3 4 5	Commendable
Glenview CCSD 34	Lyon Elem School	LARGE	PK K 1 2	Commendable
Glenview CCSD 34	Pleasant Ridge Elem School	LARGE	3 4 5	Commendable
Glenview CCSD 34	Westbrook Elementary School	LARGE	PK K 1 2	Exemplary
Golf ESD 67	Golf Middle School	MEDIUM	5 6 7 8	Commendable
Golf ESD 67	Hynes Elem School	MEDIUM	PK K 1 2 3 4	Commendable
Kenilworth SD 38	The Joseph Sears School	MEDIUM	PK K 1 2 3 4 5 6 7 8	Exemplary
Lincolnwood SD 74	Lincoln Hall Middle School	MEDIUM	6 7 8	Exemplary
Lincolnwood SD 74	Rutledge Hall Elem School	MEDIUM	3 4 5	Commendable
Lincolnwood SD 74	Todd Hall Elem School	MEDIUM	PK K 1 2	Commendable
Maine Township HSD 207	Maine East High School	LARGE	9 10 11 12	Commendable
Maine Township HSD 207	Maine South High School	LARGE	9 10 11 12	Exemplary
Maine Township HSD 207	Maine West High School	LARGE	9 10 11 12	Commendable
Morton Grove SD 70	Park View Elem School	MEDIUM	PK K 1 2 3 4 5 6 7 8	Commendable
New Trier Twp HSD 203	New Trier Township H S Winnetka	LARGE	10 11 12	Exemplary
New Trier Twp HSD 203	New Trier Township H S Northfield	LARGE	9	Exemplary
Niles ESD 71	Clarence E Culver School	MEDIUM	PK K 1 2 3 4 5 6 7 8	Exemplary
Niles Twp HSD 219	Niles North High School	LARGE	9 10 11 12	Commendable
Niles Twp HSD 219	Niles West High School	LARGE	9 10 11 12	Commendable
Northbrook ESD 27	Wood Oaks Jr High School	MEDIUM	6 7 8	Exemplary
Northbrook ESD 27	Hickory Point Elem School	MEDIUM	PK K 1 2	Exemplary
Northbrook ESD 27	Shabonee School	MEDIUM	3 4 5	Exemplary

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Northbrook SD 28	Northbrook Junior High School	LARGE	6 7 8	Commendable
Northbrook SD 28	Greenbriar Elem School	LARGE	K 1 2 3 4 5	Exemplary
Northbrook SD 28	Meadowbrook Elem School	LARGE	K 1 2 3 4 5	Commendable
Northbrook SD 28	Westmoor Elem School	LARGE	PK K 1 2 3 4 5	Commendable
Northbrook/Glenview SD 30	Maple School	MEDIUM	6 7 8	Exemplary
Northbrook/Glenview SD 30	Willowbrook Elem School	MEDIUM	PK K 1 2 3 4 5	Commendable
Northbrook/Glenview SD 30	Wescott Elementary School	MEDIUM	1 2 3 4 5	Commendable
Northfield Twp HSD 225	Glenbrook North High School	LARGE	9 10 11 12	Exemplary
Northfield Twp HSD 225	Glenbrook South High School	LARGE	9 10 11 12	Exemplary
Park Ridge CCSD 64	Emerson Middle School	LARGE	6 7 8	Commendable
Park Ridge CCSD 64	Lincoln Middle School	LARGE	6 7 8	Commendable
Park Ridge CCSD 64	George B Carpenter Elem School	LARGE	K 1 2 3 4 5	Commendable
Park Ridge CCSD 64	Eugene Field Elem School	LARGE	K 1 2 3 4 5	Commendable
Park Ridge CCSD 64	Franklin Elementary School	LARGE	K 1 2 3 4 5	Commendable
Park Ridge CCSD 64	Theodore Roosevelt Elem School	LARGE	K 1 2 3 4 5	Commendable
Park Ridge CCSD 64	George Washington Elem School	LARGE	K 1 2 3 4 5	Commendable
Park Ridge CCSD 64	Jefferson School	LARGE	PK	
Pennoyer SD 79	Pennoyer Elem School	MEDIUM	PK K 1 2 3 4 5 6 7 8	Commendable
River Trails SD 26	River Trails Middle School	MEDIUM	6 7 8	Commendable
River Trails SD 26	Euclid Elem School	MEDIUM	K 1 2 3 4 5	Commendable
River Trails SD 26	Indian Grove Elem School	MEDIUM	K 1 2 3 4 5	Commendable
River Trails SD 26	River Trails Learning Center at Parkview	MEDIUM	PK	
Skokie SD 68	Old Orchard Jr High School	LARGE	PK 6 7 8	Commendable
Skokie SD 68	Devonshire Elem School	LARGE	K 1 2 3 4 5	Commendable
Skokie SD 68	Jane Stenson School	LARGE	K 1 2 3 4 5	Commendable
Skokie SD 68	Highland Elementary School	LARGE	K 1 2 3 4 5	Commendable
Skokie SD 69	Lincoln Jr High School	MEDIUM	6 7 8	Commendable
Skokie SD 69	Thomas Edison Elem School	MEDIUM	3 4 5	Commendable
Skokie SD 69	Madison Elem School	MEDIUM	PK K 1 2	Commendable
Skokie SD 73-5	Oliver McCracken Middle School	MEDIUM	6 7 8	Commendable
Skokie SD 73-5	John Middleton Elem School	MEDIUM	1 2 3 4 5	Exemplary
Skokie SD 73-5	Elizabeth Meyer School	MEDIUM	PK K	
Sunset Ridge SD 29	Middlefork Primary School	MEDIUM	K 1 2 3	Commendable
Sunset Ridge SD 29	Sunset Ridge Elem School	MEDIUM	4 5 6 7 8	Commendable

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West Northfield SD 31	Field School	MEDIUM	6 7 8	Commendable
West Northfield SD 31	Henry Winkelman Elem School	MEDIUM	PK K 1 2 3 4 5	Commendable
Wilmette SD 39	Wilmette Junior High School	LARGE	7 8	Commendable
Wilmette SD 39	Central Elem School	LARGE	K 1 2 3 4	Exemplary
Wilmette SD 39	Harper Elem School	LARGE	K 1 2 3 4	Commendable
Wilmette SD 39	McKenzie Elem School	LARGE	K 1 2 3 4	Exemplary
Wilmette SD 39	Romona Elem School	LARGE	PK K 1 2 3 4	Commendable
Wilmette SD 39	Highcrest Middle School	LARGE	5 6	Commendable
Winnetka SD 36	Carleton W Washburne School	LARGE	7 8	Commendable
Winnetka SD 36	Crow Island Elem School	LARGE	1 2 3 4	Commendable
Winnetka SD 36	Greeley Elem School	LARGE	K 1 2 3 4	Commendable
Winnetka SD 36	Hubbard Woods Elem School	LARGE	K 1 2 3 4	Commendable
Winnetka SD 36	The Skokie School	LARGE	5 6	Commendable

2021 Oakton Community College Environmental Scan

Occupation Projections

Occupation	2016	2026	Number	Exits	Transfer	Total
General & Operations Managers	55,055	59,799	4,744	11,900	34,260	50,904
Legislators	1,944	1,869	-75	520	800	1,245
Advertising & Promotions Managers	2,376	2,717	341	670	1,900	2,911
Marketing Managers	6,800	7,474	674	1,620	4,330	6,624
Sales Managers	11,187	12,183	996	2,660	7,090	10,746
Computer & Information Systems Managers	8,000	8,965	965	1,490	4,620	7,075
Financial Managers	17,913	21,095	3,182	4,480	9,650	17,312
Industrial Production Managers	2,613	2,749	136	620	1,220	1,976
Purchasing Managers	1,779	1,903	124	540	900	1,564
Transportation/Storage/Distribution Mgrs	3,737	4,017	280	880	2,010	3,170
Compensation & Benefits Managers	501	518	17	110	240	367
Human Resources Managers	4,250	4,603	353	1,100	2,380	3,833
Training & Development Managers	1,117	1,241	124	330	700	1,154
Farmers, Ranchers & Other Ag Managers	831	664	-167	440	110	383
Construction Managers	4,560	4,870	310	1,080	2,100	3,490
Ed.Administrators, Preschool & Child Care	1,330	1,440	110	390	630	1,130
Ed.Administrators, Elem. & Secondary	4,389	4,465	76	1,240	2,020	3,336
Ed.Administrators, Postsecondary	4,495	4,461	-34	1,260	2,040	3,266
Education Administrators, All Other	959	995	36	270	440	746
Architectural & Engineering Mgrs	3,871	4,105	234	810	1,920	2,964
Gaming Managers	25	24	-1	10	20	29
Lodging Managers	869	943	74	310	580	964
Medical & Health Services Managers	6,317	6,687	370	1,770	3,170	5,310
Natural Sciences Managers	791	837	46	180	460	686
Postmasters & Mail Superintendents	240	214	-26	60	100	134
Property/Real Est/Comm.Assn.Managers	5,990	6,361	371	2,560	2,070	5,001
Social & Community Service Managers	2,003	2,141	138	680	1,080	1,898
Emergency Management Directors	184	189	5	70	70	145
Agents/Bus.Mgrs of Performers & Athletes	129	138	9	60	100	169
Claims Adjusters/Examiners/Investigators	4,988	4,800	-188	1,230	2,720	3,762
Insurance Appraisers, Auto Damage	177	178	1	40	100	141
Compliance Officers	3,911	4,123	212	1,130	2,020	3,362
Cost Estimators	2,432	2,643	211	800	1,650	2,661
Human Resources Specialists	10,301	11,020	719	3,100	7,010	10,829
Labor Relations Specialists	2,943	2,592	-351	800	1,820	2,269
Logisticians	2,783	3,073	290	720	2,060	3,070
Management Analysts	20,954	24,273	3,319	7,260	11,690	22,269
Meeting, Convention & Event Planners	2,742	2,917	175	1,070	2,120	3,365
Fundraisers	1,899	2,064	165	620	1,300	2,085
Compnsatn/Bnfits/Job Analysis Specialists	1,313	1,393	80	340	740	1,160
Training & Development Specialists	4,937	5,463	526	1,600	3,340	5,466
Market Research Analysts & Specialists	11,819	14,607	2,788	3,510	9,070	15,368
Accountants & Auditors	29,106	30,964	1,858	8,870	17,280	28,008
Budget Analysts	611	626	15	170	280	465
Credit Analysts	1,411	1,448	37	330	820	1,187
Personal Financial Advisors	10,131	11,187	1,056	2,630	5,210	8,896
Insurance Underwriters	2,486	2,294	-192	610	1,280	1,698
Financial Examiners	1,011	1,068	57	290	480	827
Credit Counselors	757	812	55	190	440	685
Loan Officers	6,696	6,993	297	1,650	3,800	5,747
Actuaries	794	963	169	110	410	689
Operations Research Analysts	3,235	4,208	973	760	1,400	3,133
Statisticians	702	943	241	170	430	841
Architects, Except Landscape & Naval	2,822	2,765	-57	700	1,250	1,893
Landscape Architects	197	202	5	50	90	145

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Cartographers & Photogrammetrists	117	125	8	40	50	98
Surveyors	532	563	31	160	220	411
Aerospace Engineers	170	183	13	40	60	113
Biomedical Engineers	162	163	1	40	70	111
Chemical Engineers	232	240	8	50	100	158
Civil Engineers	5,271	5,676	405	1,180	2,700	4,285
Computer Hardware Engineers	628	732	104	130	290	524
Electrical Engineers	2,068	2,243	175	490	860	1,525
Electronics Engineers, Except Computer	1,398	1,535	137	330	590	1,057
Environmental Engineers	794	872	78	190	340	608
Health & Safety Engineers, Except Mining	263	269	6	60	110	176
Industrial Engineers	4,698	5,274	576	1,140	2,030	3,746
Materials Engineers	291	299	8	90	110	208
Mechanical Engineers	5,275	5,623	348	1,110	2,270	3,728
Mining & Geo Eng., Including Mining Safety	106	124	18	20	60	98
Engineers, All Other	1,876	1,966	90	440	780	1,310
Architectural & Civil Drafters	1,306	1,350	44	390	720	1,154
Electrical & Electronics Drafters	355	361	6	110	190	306
Mechanical Drafters	1,561	1,650	89	470	870	1,429
Civil Engineering Technicians	984	1,045	61	320	530	911
Electrical & Electronic Engineering Techs	1,509	1,528	19	480	800	1,299
Electro-Mechanical Technicians	164	169	5	50	90	145
Environmental Engineering Technicians	202	209	7	70	110	187
Industrial Engineering Technicians	648	682	34	210	350	594
Mechanical Engineering Technicians	750	792	42	250	410	702
Surveying & Mapping Technicians	634	674	40	220	460	720
Food Scientists & Technologists	198	221	23	60	150	233
Biochemists & Biophysicists	424	423	-1	90	270	359
Microbiologists	367	373	6	80	240	326
Zoologists & Wildlife Biologists	123	127	4	30	80	114
Biological Scientists, All Other	255	268	13	50	170	233
Conservation Scientists	320	327	7	70	200	277
Foresters	59	57	-2	10	40	48
Epidemiologists	96	94	-2	20	60	78
Medical Scientists, Except Epidemiologists	1,391	1,384	-7	260	880	1,133
Life Scientists, All Other	182	188	6	30	120	156
Physicists	292	298	6	60	170	236
Chemists	1,195	1,267	72	310	770	1,152
Materials Scientists	121	115	-6	30	70	94
Environmental Scientists & Specialists	1,380	1,432	52	300	970	1,322
Geoscientists, Ex. Hydrologists/Geographers	145	159	14	30	100	144
Physical Scientists, All Other	260	260	0	50	150	200
Economists	278	286	8	40	160	208
Survey Researchers	395	428	33	120	250	403
Clinical, Counseling & School Psychologists	1,921	2,028	107	500	750	1,357
Sociologists	24	21	-3	10	10	17
Urban & Regional Planners	349	361	12	70	210	292
Anthropologists & Archeologists	48	49	1	10	30	41
Historians	39	40	1	10	20	31
Political Scientists	41	43	2	10	30	42
Social Scientists & Related Occs, All Other	346	361	15	100	220	335
Biological Technicians	546	543	-3	140	370	507
Chemical Technicians	694	714	20	230	410	660
Social Science Research Assistants	514	523	9	210	390	609
Life/Phys/Social Science Techs, All Other	1,585	1,710	125	660	1,230	2,015
Educational/Vocational/School Counselors	4,811	5,109	298	1,820	3,240	5,358
Marriage & Family Therapists	220	237	17	80	150	247
Rehabilitation Counselors	1,228	1,312	84	470	830	1,384

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Counselors, All Other	951	1,003	52	360	640	1,052
Child, Family & School Social Workers	5,426	5,710	284	2,000	3,540	5,824
Healthcare Social Workers	2,667	2,862	195	990	1,760	2,945
Mental Health & Sub Abuse Social Workers	1,593	1,672	79	590	1,040	1,709
Social Workers, All Other	1,799	1,893	94	660	1,170	1,924
Health Educators	959	1,005	46	440	730	1,216
Prob. Officers/Corr. Treatment Specialists	926	905	-21	280	480	739
Social & Human Service Assistants	6,217	6,581	364	2,860	4,580	7,804
Community Health Workers	1,249	1,307	58	580	950	1,588
Comm/Soc.Service Specialists, All Other	1,953	2,084	131	910	1,500	2,541
Clergy	8,570	8,882	312	4,000	5,350	9,662
Directors, Religious Activities & Education	3,704	3,829	125	1,670	2,860	4,655
Religious Workers, All Other	1,694	1,758	64	1,120	1,170	2,354
Lawyers	21,777	23,480	1,703	4,490	4,900	11,093
Adm.Law Judges/Adjcators/Hearing Officers	169	173	4	30	40	74
Arbitrators, Mediators & Conciliators	122	128	6	20	30	56
Paralegals & Legal Assistants	6,846	7,947	1,101	2,440	4,920	8,461
Title Examiners, Abstractors & Searchers	1,030	1,056	26	370	480	876
Legal Support Workers, All Other	405	413	8	140	190	338
Business Teachers, College	1,375	1,470	95	520	540	1,155
Computer Science Teachers, College	539	531	-8	200	200	392
Mathematical Science Teachers, College	843	846	3	310	320	633
Engineering Teachers, College	323	330	7	120	120	247
Biological Science Teachers, College	1,144	1,187	43	430	440	913
Atmosph./Marine/Space Teachers, College	80	79	-1	30	30	59
Chemistry Teachers, College	454	448	-6	160	170	324
Environmental Science Teachers, College	34	33	-1	10	10	19
Physics Teachers, College	249	245	-4	90	90	176
Anthropology/Archeology Teachers, College	97	96	-1	40	40	79
Ethnic & Cultural Studies Teachers, College	128	127	-1	50	50	99
Economics Teachers, College	238	237	-1	90	90	179
Geography Teachers, College	68	65	-3	20	20	37
Political Science Teachers, College	255	253	-2	90	100	188
Psychology Teachers, College	539	560	21	200	210	431
Sociology Teachers, College	197	194	-3	70	80	147
Social Sciences Teachers,College,All Other	357	362	5	130	140	275
Health Specialties Teachers, College	4,375	4,936	561	1,700	1,780	4,041
Nursing Instructors & Teachers, College	718	813	95	280	290	665
Education Teachers, College	1,336	1,335	-1	490	510	999
Library Science Teachers, College	251	246	-5	90	100	185
Criminal Just/Law Enforc.Teachers, College	131	136	5	50	50	105
Law Teachers, College	477	477	0	180	180	360
Social Work Teachers, College	248	245	-3	90	90	177
Art, Drama & Music Teachers, College	1,263	1,277	14	460	480	954
Communications Teachers, College	628	626	-2	230	240	468
English Lang./Literature Teachers, College	1,141	1,139	-2	420	440	858
Foreign Lang./Literature Teachers, College	371	371	0	140	140	280
History Teachers, College	458	451	-7	170	170	333
Philosophy & Religion Teachers, College	313	317	4	120	120	244
Recreation & Fitness Teachers, College	174	173	-1	60	70	129
Vocational Education Teachers, College	2,181	2,126	-55	790	820	1,555
Preschool Teachers, Ex. Special Education	9,246	10,046	800	4,160	5,150	10,110
Kindergarten Teachers, Ex. Special Ed.	1,498	1,529	31	650	810	1,491
Elem. School Teachers, Ex. Special Ed.	21,705	22,092	387	7,230	8,110	15,727
Middle School Teachers,Ex.Special/Voc Ed	11,202	11,397	195	3,730	4,180	8,105
Career/Tech. Ed. Teachers, Middle School	59	60	1	20	20	41
Secondary Teachers, Ex. Spec/Voc. Ed.	16,087	16,368	281	4,970	6,050	11,301
Career/Tech. Ed.Teachers, Secondary School	482	489	7	150	180	337

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Special Education Teachers, Preschool	463	469	6	160	170	336
Special Education Teachers, K-garten/Elem.	2,303	2,345	42	770	850	1,662
Special Education Teachers, All Other	441	460	19	150	160	329
Adult Lit., Remedial Ed. & GED Teachers	1,154	1,024	-130	660	510	1,040
Self-Enrichment Education Teachers	6,020	6,529	509	3,820	2,940	7,269
Teachers & Instructors, All Other, Ex. Sub Tchrs.	7,916	8,463	547	4,990	3,830	9,367
Archivists	179	211	32	80	110	222
Curators	264	295	31	120	160	311
Museum Technicians & Conservators	549	620	71	240	340	651
Library Technicians	3,184	3,109	-75	2,480	1,610	4,015
Instructional Coordinators	2,076	2,170	94	1,010	870	1,974
Ed., Training & Library Workers, All Other	1,274	1,331	57	620	530	1,207
Art Directors	2,083	2,196	113	1,040	620	1,773
Craft Artists	342	361	19	170	100	289
Fine Artists, Sculptors & Illustrators	281	292	11	140	80	231
Multi-Media Artists & Animators	1,200	1,242	42	600	360	1,002
Commercial & Industrial Designers	710	742	32	260	410	702
Floral Designers	1,038	968	-70	350	560	840
Graphic Designers	5,731	6,114	383	2,090	3,330	5,803
Interior Designers	1,356	1,411	55	490	780	1,325
Merchandise Displayers/Window Trimmers	1,611	1,633	22	570	910	1,502
Set & Exhibit Designers	299	323	24	110	180	314
Designers, All Other	302	276	-26	100	160	234
Producers & Directors	2,080	2,343	263	560	1,360	2,183
Coaches & Scouts	4,615	4,860	245	2,640	3,570	6,455
Umpires, Referees & Other Sports Officials	543	557	14	310	420	744
Music Directors & Composers	1,207	1,219	12	700	450	1,162
Radio & Television Announcers	1,023	921	-102	420	510	828
Public Relations Specialists	4,717	5,066	349	1,370	3,310	5,029
Editors	3,025	2,936	-89	990	1,880	2,781
Technical Writers	819	856	37	270	500	807
Writers & Authors	2,117	2,212	95	920	920	1,935
Interpreters & Translators	751	823	72	360	340	772
Media & Communication Workers, All Other	237	247	10	110	100	220
Audio & Video Equipment Technicians	1,605	1,781	176	480	1,040	1,696
Broadcast Technicians	812	796	-16	230	500	714
Sound Engineering Technicians	204	217	13	60	130	203
Photographers	2,460	1,972	-488	950	780	1,242
Camera Operators/TV/Video/Motion Picture	400	417	17	120	260	397
Film & Video Editors	281	317	36	90	190	316
Chiropractors	799	885	86	140	70	296
Dentists, General	2,158	2,330	172	420	170	762
Dentists, All Other Specialists	141	153	12	30	10	52
Dietitians & Nutritionists	1,042	1,084	42	330	300	672
Optometrists	1,130	1,202	72	200	150	422
Pharmacists	6,574	6,737	163	1,540	1,280	2,983
Physician Assistants	1,373	1,706	333	270	550	1,153
Podiatrists	247	268	21	60	70	151
Occupational Therapists	2,061	2,383	322	460	620	1,402
Physical Therapists	4,876	5,883	1,007	1,040	1,120	3,167
Radiation Therapists	413	420	7	100	90	197
Recreational Therapists	471	492	21	140	130	291
Respiratory Therapists	2,484	2,873	389	630	610	1,629
Speech-Language Pathologists	2,653	2,928	275	510	870	1,655
Exercise Physiologists	257	265	8	60	80	148
Therapists, All Other	1,033	1,152	119	260	320	699
Veterinarians	1,524	1,808	284	310	270	864
Registered Nurses	58,811	67,462	8,651	18,080	13,730	40,461

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Nurse Anesthetists	882	1,023	141	130	310	581
Nurse Midwives	186	217	31	40	60	131
Nurse Practitioners	3,428	4,726	1,298	790	1,170	3,258
Audiologists	184	213	29	50	40	119
Cardiovascular Technologists & Techs	1,074	1,086	12	280	270	562
Diagnostic Medical Sonographers	1,199	1,339	140	330	320	790
Nuclear Medicine Technologists	353	356	3	90	90	183
Radiologic Technologists	3,408	3,444	36	890	850	1,776
Magnetic Resonance Imaging Techs	698	709	11	180	180	371
Dietetic Technicians	976	1,002	26	320	440	786
Pharmacy Technicians	8,539	9,034	495	2,850	3,890	7,235
Psychiatric Technicians	1,901	1,811	-90	600	820	1,330
Surgical Technologists	1,385	1,383	-2	450	610	1,058
Veterinary Technologists & Technicians	2,080	2,491	411	740	1,010	2,161
Ophthalmic Medical Technicians	764	831	67	260	350	677
Licensed Practical & Vocational Nurses	9,235	9,250	15	3,260	3,210	6,485
Opticians, Dispensing	1,295	1,411	116	450	500	1,066
Orthotists & Prosthetists	114	145	31	40	40	111
Hearing Aid Specialists	87	109	22	30	30	82
Athletic Trainers	516	616	100	130	160	390
Genetic Counselors	84	101	17	20	20	57
Occupational Therapist Assistants	962	1,186	224	540	770	1,534
Occupational Therapist Aides	678	905	227	400	570	1,197
Physical Therapist Assistants	2,029	2,459	430	980	1,650	3,060
Physical Therapist Aides	1,201	1,441	240	580	970	1,790
Massage Therapists	2,145	2,609	464	1,560	850	2,874
Dental Assistants	4,997	5,384	387	2,650	2,970	6,007
Medical Assistants	8,489	9,631	1,142	3,980	5,560	10,682
Medical Equipment Preparers	913	920	7	570	550	1,127
Medical Transcriptionists	768	664	-104	480	360	736
Pharmacy Aides	335	302	-33	210	220	397
Veterinary Assts. & Lab Animal Caretakers	1,187	1,409	222	750	1,210	2,182
Phlebotomists	2,508	2,829	321	1,150	1,540	3,011
Healthcare Support Workers, All Other	1,719	1,785	66	1,100	1,040	2,206
1st-Line Spvrs/Mgrs Correctional Officers	259	248	-11	80	90	159
1st-Line Spvrs/Mgrs Police & Detectives	2,863	2,769	-94	790	870	1,566
1st-Line Spvrs/Mgrs Fire Fight/Prev.Wrkers	1,710	1,641	-69	570	510	1,011
Fire Fighters	8,341	8,008	-333	1,830	3,460	4,957
Bailiffs	280	248	-32	90	120	178
Correctional Officers & Jailers	2,552	2,455	-97	880	1,120	1,903
Detectives & Criminal Investigators	1,112	1,094	-18	290	380	652
Parking Enforcement Workers	285	174	-111	120	80	89
Police & Sheriff's Patrol Officers	15,639	15,062	-577	3,710	5,980	9,113
Animal Control Workers	255	252	-3	120	150	267
Private Detectives & Investigators	801	875	74	420	360	854
Security Guards	33,140	35,207	2,067	20,260	24,110	46,437
Crossing Guards	1,372	1,327	-45	1,880	530	2,365
Lifeguards/Ski Patrol/Other Rec. Workers	4,173	4,205	32	5,800	4,420	10,252
Chefs & Head Cooks	2,298	2,586	288	780	2,220	3,288
1st-Line Spvrs/Mgrs Food Prep/Serving Wkrs	14,755	16,534	1,779	7,010	14,930	23,719
Cooks, Fast Food	8,548	8,429	-119	4,970	6,790	11,641
Cooks, Institution & Cafeteria	6,433	6,645	212	3,830	5,230	9,272
Cooks, Restaurant	20,389	23,574	3,185	12,880	17,580	33,645
Cooks, Short Order	2,866	2,814	-52	1,660	2,270	3,878
Food Preparation Workers	16,491	18,123	1,632	13,830	15,000	30,462
Bartenders	13,206	13,910	704	6,530	15,550	22,784
Waiters & Waitresses	42,335	46,758	4,423	32,970	50,520	87,913
Food Servers, Nonrestaurant	5,853	6,417	564	4,620	4,310	9,494

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Dining Room/Café Attnds/Bartender Helpers	8,935	9,889	954	8,380	7,460	16,794
Dishwashers	7,797	8,385	588	5,990	6,450	13,028
Host/Hostess, Restaur/Lounge/Coffee Shop	6,676	7,380	704	8,090	7,690	16,484
Food Prep. & Serving Workers, All Other	534	590	56	500	440	996
1st-LineSpvrs/Mgrs Housekeeping/Janitors	3,649	3,879	230	1,900	2,270	4,400
1st-LineSpvrs/Mgrs Lndscp/Lawn Service	2,640	2,753	113	870	1,630	2,613
Janitors/Cleaners, Ex.Maids/Housekeepers	36,771	38,553	1,782	24,520	23,690	49,992
Maids & Housekeeping Cleaners	19,860	20,763	903	15,040	11,350	27,293
Landscaping & Groundskeeping Workers	16,832	17,511	679	8,020	12,270	20,969
Pesticide Handlers, Sprayers & Applicators	579	562	-17	270	410	663
Grounds Maintenance Workers, All Other	516	524	8	240	370	618
Animal Trainers	588	656	68	300	390	758
Nonfarm Animal Caretakers	4,956	5,851	895	3,690	4,360	8,945
Motion Picture Projectionists	300	265	-35	130	230	325
Ushers/Lobby Attendants & Ticket Takers	2,875	3,125	250	3,940	3,350	7,540
Amusement & Recreation Attendants	4,246	4,433	187	4,580	5,160	9,927
Costume Attendants	65	68	3	70	80	153
Locker, Coat & Dressing Room Attendants	435	476	41	480	540	1,061
Funeral Attendants	598	556	-42	510	360	828
Morticians/Undertakers/Funeral Directors	573	534	-39	270	400	631
Hairdressers/Hairstylists/Cosmetologists	11,403	11,694	291	7,710	5,760	13,761
Manicurists & Pedicurists	2,247	2,308	61	1,370	1,160	2,591
Shampooers	649	665	16	400	330	746
Skin Care Specialists	1,235	1,278	43	760	640	1,443
Baggage Porters & Bellhops	905	999	94	460	840	1,394
Concierges	576	633	57	290	530	877
Child Care Workers	12,684	12,862	178	10,430	7,910	18,518
Fitness Trainers & Aerobics Instructors	6,943	7,292	349	4,660	7,120	12,129
Recreation Workers	11,579	11,562	-17	7,570	11,570	19,123
Residential Advisors	1,742	1,827	85	1,180	1,770	3,035
1st-LineSpvrs/Mgrs Retail Sales	20,409	20,986	577	7,640	13,930	22,147
1st-LineSpvrs/Mgrs Non-Retail Sales	5,271	5,420	149	1,780	2,980	4,909
Cashiers	50,352	49,321	-1,031	46,790	45,660	91,419
Gaming Change Persons/Booth Cashiers	130	119	-11	120	110	219
Counter & Rental Clerks	4,879	5,022	143	2,600	3,630	6,373
Parts Salespersons	2,980	3,249	269	1,360	2,460	4,089
Retail Salespersons	77,516	79,524	2,008	49,710	62,310	114,028
Advertising Sales Agents	6,265	6,936	671	2,460	5,700	8,831
Insurance Sales Agents	19,052	20,216	1,164	7,980	10,560	19,704
Sec./Commod./Fin.Services Sales Agents	12,573	12,931	358	3,340	8,400	12,098
Travel Agents	3,093	2,820	-273	1,580	1,790	3,097
Sales Reps/Wholesale/Mfg,Tech/Scientific	5,160	5,585	425	1,770	3,600	5,795
Sales Reps/Wholesale/Mfg,Ex.Tech/Scntific	28,144	30,599	2,455	9,690	19,670	31,815
Demonstrators & Product Promoters	1,530	1,715	185	1,630	1,100	2,915
Real Estate Brokers	2,231	2,195	-36	1,130	860	1,954
Real Estate Sales Agents	5,683	5,673	-10	2,910	2,210	5,110
Sales Engineers	1,477	1,583	106	360	1,180	1,646
Telemarketers	3,627	3,459	-168	2,110	3,340	5,282
Sales & Related Workers, All Other	1,436	1,540	104	790	1,140	2,034
1st-LineSpvrs/Mgrs Office/Adm.Support Workers	21,464	21,334	-130	8,300	12,350	20,520
Switchboard Operators	1,520	1,135	-385	830	890	1,335
Telephone Operators	282	205	-77	150	180	253
Bill & Account Collectors	5,799	5,236	-563	2,070	3,620	5,127
Billing & Posting Clerks	7,079	7,579	500	3,140	4,040	7,680
Bookkeeping/Accounting/Auditing Clerks	27,129	26,189	-940	16,510	12,810	28,380
Gaming Cage Workers	59	53	-6	30	50	74
Payroll & Timekeeping Clerks	2,535	2,442	-93	1,050	1,400	2,357
Procurement Clerks	1,054	1,007	-47	430	670	1,053

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Tellers	10,420	9,060	-1,360	4,990	6,260	9,890
Financial Clerks, All Other	730	768	38	280	490	808
Brokerage Clerks	2,503	2,539	36	630	1,920	2,586
Correspondence Clerks	91	90	-1	40	60	99
Court, Municipal & License Clerks	2,592	2,490	-102	1,140	1,000	2,038
Credit Authorizers, Checkers & Clerks	335	314	-21	110	210	299
Customer Service Representatives	55,213	56,113	900	28,460	41,760	71,120
Eligibility Interviewers, Govt. Programs	768	793	25	310	370	705
File Clerks	2,116	1,786	-330	1,200	1,180	2,050
Hotel, Motel & Resort Desk Clerks	3,702	4,091	389	2,160	3,850	6,399
Interviewers, Except Eligibility & Loan	2,219	2,254	35	1,200	1,400	2,635
Library Assistants, Clerical	3,287	3,206	-81	2,580	1,960	4,459
Loan Interviewers & Clerks	4,297	4,552	255	1,590	2,560	4,405
New Accounts Clerks	1,761	1,567	-194	710	1,030	1,546
Order Clerks	3,054	3,035	-19	1,410	1,990	3,381
HR Assistants, Ex. Payroll/Timekeeping	1,594	1,538	-56	660	1,050	1,654
Receptionists & Information Clerks	18,541	18,840	299	11,620	12,400	24,319
Reservation/Transportation Ticket Agents	4,532	5,079	547	2,070	2,870	5,487
Information & Record Clerks, All Other	2,225	2,262	37	1,090	1,400	2,527
Cargo & Freight Agents	3,253	3,617	364	1,070	1,710	3,144
Couriers & Messengers	1,321	1,398	77	620	590	1,287
Police, Fire & Ambulance Dispatchers	1,738	1,687	-51	600	920	1,469
Dispatchers, Ex. Police/Fire/Ambulance	3,159	3,113	-46	1,110	1,690	2,754
Meter Readers, Utilities	443	388	-55	130	170	245
Postal Service Clerks	1,442	1,428	-14	730	390	1,106
Postal Service Mail Carriers	6,748	6,685	-63	2,600	1,890	4,427
P.S. Mail Sorters & Machine Operators	2,651	2,497	-154	1,090	730	1,666
Production/Planning/Expediting Clerks	5,802	6,158	356	2,080	3,880	6,316
Shipping, Receiving & Traffic Clerks	12,091	12,418	327	4,780	7,300	12,407
Weighers/Measurers/Checkers/Samplers	752	806	54	310	450	814
Executive Secretaries & Exec. Admin. Assistants	18,554	14,906	-3,648	9,010	8,770	14,132
Legal Secretaries	6,476	5,269	-1,207	3,160	3,080	5,033
Medical Secretaries	6,374	6,937	563	3,580	3,490	7,633
Secretaries & Admin. Assts., Ex. Legal/Medical/Exec.	40,710	36,726	-3,984	20,860	20,290	37,166
Data Entry Keyers	4,838	3,727	-1,111	2,200	2,760	3,849
Word Processors & Typists	277	174	-103	140	110	147
Desktop Publishers	519	456	-63	210	310	457
Ins. Claims & Policy Processing Clerks	4,533	4,865	332	2,010	2,640	4,982
Mail Clerks/Machine Operators, Ex.P.S.	3,162	3,154	-8	1,710	1,770	3,472
Office Clerks, General	66,320	64,090	-2,230	38,260	37,280	73,310
Office Machine Operators, Ex. Computer	569	465	-104	230	340	466
Proofreaders & Copy Markers	277	268	-9	220	190	401
Statistical Assistants	316	336	20	150	250	420
Office/Adm. Support Workers, All Other	7,157	7,313	156	3,150	4,600	7,906
Agricultural Inspectors	135	148	13	60	130	203
Graders & Sorters, Agricultural Products	621	617	-4	250	580	826
Agricultural Equipment Operators	384	376	-8	140	430	562
Farmwrks/Laborers/Crop/Nrsery/Grnhouse	765	729	-36	270	850	1,084
Forest & Conservation Workers	88	80	-8	40	90	122
1st-LineSpvrs/Mgrs Const/Extraction	4,177	4,512	335	1,390	2,740	4,465
Brickmasons & Blockmasons	1,260	1,348	88	380	720	1,188
Carpenters	11,968	12,561	593	4,220	6,820	11,633
Carpet Installers	729	793	64	240	400	704
Tile & Marble Setters	785	843	58	260	420	738
Cement Masons & Concrete Finishers	1,534	1,671	137	610	1,090	1,837
Construction Laborers	12,446	13,410	964	4,510	8,520	13,994
Paving/Surfacing/Tamping Equip.Operators	416	436	20	140	290	450
Operating Enginrs/Const.EquipOperators	3,443	3,699	256	1,360	2,500	4,116

2021 Oakton Community College Environmental Scan

Drywall & Ceiling Tile Installers	727	709	-18	220	400	602
Tapers	180	179	-1	60	100	159
Electricians	7,637	8,164	527	2,750	5,870	9,147
Glaziers	359	392	33	140	290	463
Insulation Workers, Floor/Ceiling/Wall	260	255	-5	70	200	265
Insulation Workers, Mechanical	129	138	9	40	100	149
Painters, Construction & Maintenance	4,591	4,680	89	1,580	2,310	3,979
Plumbers, Pipefitters & Steamfitters	6,226	7,062	836	2,410	4,440	7,686
Plasterers & Stucco Masons	106	105	-1	40	60	99
Reinforcing Iron & Rebar Workers	204	224	20	50	160	230
Roofers	2,054	2,233	179	620	1,450	2,249
Sheet Metal Workers	1,482	1,608	126	530	1,060	1,716
Structural Iron & Steel Workers	978	1,064	86	290	770	1,146
Helpers-Masons & Tile/Marble Setters	95	104	9	40	100	149
Helpers-Carpenters	191	217	26	90	200	316
Helpers-Electricians	180	194	14	80	180	274
Helpers-Plumbers/Pipefitters/Steamfitters	151	175	24	70	160	254
Helpers-Roofers	243	269	26	110	250	386
Helpers, Construction Trades, All Other	261	285	24	120	260	404
Construction & Building Inspectors	1,284	1,331	47	640	740	1,427
Elevator Installers & Repairers	422	466	44	140	370	554
Hazardous Materials Removal Workers	666	732	66	280	550	896
Highway Maintenance Workers	2,764	2,697	-67	1,160	1,570	2,663
Rail-Track Laying/Maint.Equip.Operators	417	428	11	130	270	411
Septic Servicers/Sewer Pipe Cleaners	357	373	16	180	270	466
Helpers--Extraction Workers	25	28	3	10	20	33
1st-LineSpvrs/Mgrs-Mechanics/Installers	5,875	6,273	398	1,970	3,130	5,498
Computer/ATM/Office Machine Repairers	1,660	1,763	103	560	1,090	1,753
Telecom Equipment Installers/Repairers	3,804	3,472	-332	1,210	2,570	3,448
Electric Motor/Power Tool Repairers	324	331	7	100	200	307
Elec. Repairers-Commercial/Industrial	782	817	35	200	490	725
Home Entertainment Equipment Installers	721	735	14	260	490	764
Security/Fire Alarm Systems Installers	1,331	1,531	200	470	1,070	1,740
Aircraft Mechanics & Service Technicians	3,076	3,190	114	980	1,390	2,484
Automotive Body & Related Repairers	2,620	2,675	55	920	1,580	2,555
Automotive Service Techs/Mechanics	10,505	10,970	465	3,390	6,480	10,335
Bus/Truck/Diesel Engine Mechanics	3,946	4,261	315	1,260	2,340	3,915
Mobile Heavy Equipment Mechanics	998	1,099	101	330	660	1,091
Rail Car Repairers	1,087	1,165	78	350	710	1,138
Outdoor Power/Small Engine Mechanics	272	295	23	120	180	323
Tire Repairers & Changers	1,015	1,058	43	380	890	1,313
Mechanical Door Repairers	75	82	7	20	40	67
Control & Valve Installers & Repairers	292	295	3	70	150	223
HVAC Mechanics & Installers	2,530	2,836	306	740	1,800	2,846
Home Appliance Repairers	909	869	-40	440	390	790
Industrial Machinery Mechanics	4,121	4,605	484	1,470	2,260	4,214
Maintenance Workers, Machinery	1,729	1,898	169	770	1,050	1,989
Millwrights	435	497	62	150	260	472
Electrical Power-Line Installers/Repairers	837	910	73	220	460	753
Telecom. Line Installers & Repairers	1,710	1,644	-66	410	1,240	1,584
Camera/Photographic Equip. Repairers	151	147	-4	60	70	126
Medical Equipment Repairers	407	404	-3	160	190	347
Musical Instrument Repairers/Tuners	230	213	-17	80	100	163
Precisn Instrumt/Eqpt. Repairers, All Other	88	91	3	30	40	73
Maintenance & Repair Workers, General	25,277	26,819	1,542	10,610	14,480	26,632
Coin/Vend/Amusement Machine Servicers	593	477	-116	230	360	474
Locksmiths & Safe Repairers	492	458	-34	230	200	396
Helpers-Installation/Maintenance Workers	1,165	1,259	94	580	920	1,594

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Install/Maint/Repair Workers, All Other	4,516	4,885	369	1,730	2,700	4,799
1st-Line Spvrs/Mgrs Prod/Operating Workers	8,483	8,910	427	2,770	5,570	8,767
Coil Winders/Tapers & Finishers	411	333	-78	190	240	352
Engine & Other Machine Assemblers	366	304	-62	80	250	268
Structural Metal Fabricators & Fitters	596	508	-88	190	400	502
Bakers	3,336	3,679	343	2,250	2,640	5,233
Butchers & Meat Cutters	3,420	3,611	191	1,580	2,680	4,451
Meat, Poultry & Fish Cutters/Trimmers	1,570	1,720	150	740	1,250	2,140
Slaughterers & Meat Packers	1,987	2,229	242	950	1,610	2,802
Food Roasting/Baking Mach Operators	202	219	17	90	150	257
Food Batchmakers	3,502	3,930	428	2,040	3,100	5,568
Food Cooking Machine Operators/Tenders	653	737	84	380	560	1,024
Food Processing Workers, All Other	641	717	76	290	460	826
Extruding/Drawing Mach Setters/Operators	633	607	-26	160	460	594
Forging Mach Setters/Operators/Tenders	253	213	-40	70	170	200
Rolling Mach Setters/Operators/Tenders	236	233	-3	70	170	237
Cutting/Punching Mach Setters/Operators	3,221	3,139	-82	1,150	2,410	3,478
Drilling/Boring Mach Tool Setters/Operators	220	186	-34	80	140	186
Grinding/Polishing Mach Setters/Operators	1,109	1,055	-54	380	760	1,086
Lathe/Turning Mach Tool Setters/Operators	776	732	-44	220	520	696
Milling/Planing Machine Setters/Operators	276	235	-41	100	180	239
Machinists	11,243	11,851	608	4,010	7,520	12,138
Metal-Refining Furnace Operators/Tenders	236	277	41	80	160	281
Model Makers, Metal & Plastic	92	84	-8	30	60	82
Molding/Casting Mach Setters/Operators	1,488	1,426	-62	530	1,100	1,568
Multiple Machine Tool Setters/Operators	2,905	3,058	153	1,100	2,060	3,313
Tool & Die Makers	1,619	1,577	-42	630	870	1,458
Welders, Cutters, Solderers & Brazers	4,558	4,826	268	1,250	3,660	5,178
Welding/Soldering Mach Setters/Operators	577	527	-50	150	430	530
Heat Treating Equip. Setters/Operators	486	443	-43	170	320	447
Plating/Coating Mach Setters/Operators	752	664	-88	180	520	612
Tool Grinders, Filers & Sharpeners	103	101	-2	30	90	118
Metal & Plastic Workers, All Other	252	254	2	90	180	272
Prepress Technicians & Workers	661	593	-68	260	470	662
Printing Press Operators	4,239	4,208	-31	1,640	2,750	4,359
Print Binding & Finishing Workers	1,103	1,082	-21	830	600	1,409
Laundry & Dry-Cleaning Workers	4,628	4,343	-285	3,010	3,020	5,745
Pressers, Textile & Garment	438	388	-50	250	270	470
Sewing Machine Operators	1,841	1,793	-48	1,030	880	1,862
Shoe & Leather Workers/Repairers	107	98	-9	50	50	91
Tailors/Dressmakers & Custom Sewers	579	518	-61	480	200	619
Textile Cutting Mach Setters/Operators	112	114	2	80	80	162
Upholsterers	421	404	-17	180	240	403
Textile/Apparel/Furnishings Wrks, All Other	66	66	0	40	40	80
Cabinetmakers & Bench Carpenters	1,024	1,049	25	480	570	1,075
Furniture Finishers	239	235	-4	130	80	206
Woodworking Machine Setters/Operators	308	320	12	120	220	352
Power Distributors & Dispatchers	133	129	-4	30	80	106
Power Plant Operators	407	393	-14	100	250	336
Stationary Engineers & Boiler Operators	1,400	1,466	66	460	1,010	1,536
Water/Waste Treat Plant/Systm Operators	1,774	1,552	-222	470	880	1,128
Petro Pump System/Refinery Operators	227	223	-4	50	170	216
Chemical Equipment Operators/Tenders	442	442	0	120	350	470
Separate/Filter Mach Setters/Operators	230	249	19	70	190	279
Grinding & Polishing Workers, Hand	277	238	-39	90	190	241
Mixing/Blending Mach Setters/Operators	1,925	2,039	114	710	1,480	2,304
Cutting/Slicing Mach Setters/Operators	1,053	1,055	2	380	800	1,182
Extrud/Form/Press Mach Setters/Operators	490	518	28	200	400	628

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Furnace/Kiln/Oven/Drier Operators/Tenders	281	296	15	120	160	295
Inspect/Testers/Sorters/Samplers/Weighers	8,885	8,463	-422	3,610	6,640	9,828
Jewelers, Precious Stone & Metal Workers	529	523	-6	310	230	534
Dental Laboratory Technicians	445	517	72	210	320	602
Medical Appliance Technicians	188	223	35	90	140	265
Ophthalmic Laboratory Technicians	752	812	60	340	520	920
Packaging/Filling Mach Operators/Tenders	8,287	9,102	815	4,110	5,770	10,695
Painting, Coating & Decorating Workers	95	101	6	30	70	106
Photo Process Wrkrs/Process Mach Oprtrs	388	333	-55	190	370	505
Clean/Wash Pickling Equipment Operators	207	226	19	100	180	299
Cooling/Freezing Equip Operators/Tenders	154	171	17	60	120	197
Etchers & Engravers	219	222	3	140	130	273
Molders/Shapers/Casters, Ex Metal/Plastic	502	542	40	200	320	560
Paper Goods Machine Setters/Operators	1,537	1,477	-60	540	980	1,460
Helpers--Production Workers	6,198	7,156	958	3,580	6,360	10,898
Production Workers, All Other	15,957	17,073	1,116	6,490	12,070	19,676
Airline Pilots, Copilots & Flight Engineers	7,045	8,001	956	2,100	4,810	7,866
Commercial Pilots	537	562	25	150	350	525
Airfield Operations Specialists	62	67	5	20	40	65
Flight Attendants	11,133	13,508	2,375	6,100	6,980	15,455
Ambulance Drivers/Attendants, Ex EMTs	219	255	36	140	190	366
Driver/Sales Workers	5,920	6,058	138	2,540	3,760	6,438
Truck Drivers, Heavy & Tractor-Trailer	27,862	29,685	1,823	12,200	18,080	32,103
Truck Drivers, Light or Delivery Services	19,464	21,247	1,783	8,630	12,790	23,203
Motor Vehicle Operators, All Other	263	278	15	310	150	475
Sailors & Marine Oilers	304	309	5	120	240	365
Captains/Mates/Pilots of Water Vessels	405	423	18	140	280	438
Bridge & Lock Tenders	120	123	3	50	80	133
Parking Lot Attendants	2,201	2,190	-11	1,290	1,930	3,209
Auto & Watercraft Service Attendants	939	1,023	84	530	1,070	1,684
Transportation Inspectors	547	591	44	200	340	584
Trans. Attendants, Ex Flight Attendants	446	490	44	390	220	654
Conveyor Operators & Tenders	450	434	-16	220	370	574
Crane & Tower Operators	605	710	105	220	460	785
Industrial Truck & Tractor Operators	10301	11357	1056	3,770	8,100	12,926
Cleaners of Vehicles & Equipment	7958	8809	851	4,330	7,270	12,451
Laborers/Freight/Stock & Material Movers	65913	72635	6722	34,320	59,230	100,272
Machine Feeders & Offbearers	839	892	53	470	700	1,223
Packers & Packagers, Hand	23884	25991	2107	16,890	20,350	39,347
Refuse/Recyclable Material Collectors	1504	1564	60	690	1,120	1,870
Material Moving Workers, All Other	144	155	11	70	110	191

Career & Technical Education by High School

High School	CTE Cluster	Unduplicated Concentrator Count by Cluster	Unduplicated Participator Count by Cluster
Evanston Twp	Agriculture, Food and Natural Resources	0	12
Evanston Twp	Architecture and Construction	296	437
Evanston Twp	Arts, Audio/Video Technology and Communications	1	19
Evanston Twp	Business, Management and Administration	167	291
Evanston Twp	Finance	4	127
Evanston Twp	Health Science	1	1
Evanston Twp	Hospitality and Tourism	11	170
Evanston Twp	Human Services	60	716
Evanston Twp	Information Technology	112	310
Evanston Twp	Law, Public Safety, Corrections and Security	2	7
Evanston Twp	Manufacturing	72	312
Evanston Twp	Marketing	27	69
Evanston Twp	Science, Technology, Engineering and Mathematics	117	196
Evanston Twp	Transportation, Distribution, and Logistics	50	142
Maine East	Architecture and Construction	100	118
Maine East	Arts, Audio/Video Technology and Communications	31	45
Maine East	Business, Management and Administration	131	166
Maine East	Education and Training	6	6
Maine East	Finance	4	39
Maine East	Health Science	5	27
Maine East	Hospitality and Tourism	49	111
Maine East	Human Services	8	602
Maine East	Information Technology	99	169
Maine East	Law, Public Safety, Corrections and Security	1	1
Maine East	Manufacturing	43	59
Maine East	Marketing	0	14
Maine East	Science, Technology, Engineering and Mathematics	2	27
Maine East	Transportation, Distribution, and Logistics	43	56
Maine South	Agriculture, Food and Natural Resources	0	1
Maine South	Architecture and Construction	106	151
Maine South	Arts, Audio/Video Technology and Communications	71	97
Maine South	Business, Management and Administration	163	213
Maine South	Education and Training	14	14
Maine South	Finance	36	101
Maine South	Health Science	5	11
Maine South	Hospitality and Tourism	56	200
Maine South	Human Services	11	727
Maine South	Information Technology	92	198
Maine South	Law, Public Safety, Corrections and Security	0	5
Maine South	Manufacturing	6	32
Maine South	Marketing	8	65
Maine South	Science, Technology, Engineering and Mathematics	78	114
Maine South	Transportation, Distribution, and Logistics	10	14
Maine West	Architecture and Construction	109	131
Maine West	Arts, Audio/Video Technology and Communications	68	90
Maine West	Business, Management and Administration	92	133
Maine West	Education and Training	8	8

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Maine West	Finance	14	58
Maine West	Health Science	10	20
Maine West	Hospitality and Tourism	51	122
Maine West	Human Services	15	756
Maine West	Information Technology	96	204
Maine West	Law, Public Safety, Corrections and Security	1	3
Maine West	Manufacturing	22	36
Maine West	Marketing	5	32
Maine West	Science, Technology, Engineering and Mathematics	3	32
Maine West	Transportation, Distribution, and Logistics	56	70
New Trier Twp HS Northfield	Architecture and Construction	40	51
New Trier Twp HS Northfield	Arts, Audio/Video Technology and Communications	0	40
New Trier Twp HS Northfield	Business, Management and Administration	0	84
New Trier Twp HS Northfield	Finance	0	64
New Trier Twp HS Northfield	Hospitality and Tourism	0	55
New Trier Twp HS Northfield	Human Services	0	64
New Trier Twp HS Northfield	Information Technology	0	66
New Trier Twp HS Northfield	Manufacturing	0	5
New Trier Twp HS Northfield	Marketing	0	57
New Trier Twp HS Northfield	Science, Technology, Engineering and Mathematics	0	6
New Trier Twp HS Winnetka	Architecture and Construction	230	279
New Trier Twp HS Winnetka	Arts, Audio/Video Technology and Communications	148	239
New Trier Twp HS Winnetka	Business, Management and Administration	190	445
New Trier Twp HS Winnetka	Finance	30	183
New Trier Twp HS Winnetka	Hospitality and Tourism	2	234
New Trier Twp HS Winnetka	Human Services	0	272
New Trier Twp HS Winnetka	Information Technology	59	138
New Trier Twp HS Winnetka	Law, Public Safety, Corrections and Security	0	1
New Trier Twp HS Winnetka	Manufacturing	31	74
New Trier Twp HS Winnetka	Marketing	0	60
New Trier Twp HS Winnetka	Science, Technology, Engineering and Mathematics	149	184
New Trier Twp HS Winnetka	Transportation, Distribution, and Logistics	11	35
Niles North	Architecture and Construction	7	35
Niles North	Arts, Audio/Video Technology and Communications	28	79
Niles North	Business, Management and Administration	81	116
Niles North	Education and Training	14	15
Niles North	Finance	0	51
Niles North	Health Science	0	8
Niles North	Hospitality and Tourism	18	214
Niles North	Human Services	0	282
Niles North	Information Technology	1	19
Niles North	Law, Public Safety, Corrections and Security	1	2
Niles North	Manufacturing	5	43
Niles North	Marketing	2	11
Niles North	Science, Technology, Engineering and Mathematics	232	361
Niles North	Transportation, Distribution, and Logistics	22	58
Niles West	Architecture and Construction	6	39
Niles West	Arts, Audio/Video Technology and Communications	4	55
Niles West	Business, Management and Administration	131	228
Niles West	Education and Training	14	14
Niles West	Finance	2	161
Niles West	Health Science	0	10
Niles West	Hospitality and Tourism	9	241

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Niles West	Human Services	0	342
Niles West	Information Technology	1	43
Niles West	Law, Public Safety, Corrections and Security	1	3
Niles West	Manufacturing	13	41
Niles West	Marketing	2	35
Niles West	Science, Technology, Engineering and Mathematics	259	401
Niles West	Transportation, Distribution, and Logistics	38	93
Glenbrook North	Architecture and Construction	7	89
Glenbrook North	Arts, Audio/Video Technology and Communications	45	153
Glenbrook North	Business, Management and Administration	79	238
Glenbrook North	Finance	13	53
Glenbrook North	Hospitality and Tourism	18	162
Glenbrook North	Human Services	87	443
Glenbrook North	Information Technology	0	21
Glenbrook North	Law, Public Safety, Corrections and Security	0	2
Glenbrook North	Manufacturing	33	181
Glenbrook North	Marketing	1	23
Glenbrook North	Science, Technology, Engineering and Mathematics	105	151
Glenbrook North	Transportation, Distribution, and Logistics	57	107
Glenbrook South	Agriculture, Food and Natural Resources	0	3
Glenbrook South	Architecture and Construction	213	524
Glenbrook South	Arts, Audio/Video Technology and Communications	117	389
Glenbrook South	Business, Management and Administration	189	263
Glenbrook South	Finance	14	128
Glenbrook South	Hospitality and Tourism	128	439
Glenbrook South	Human Services	93	596
Glenbrook South	Information Technology	0	47
Glenbrook South	Law, Public Safety, Corrections and Security	0	1
Glenbrook South	Manufacturing	3	39
Glenbrook South	Marketing	10	56
Glenbrook South	Science, Technology, Engineering and Mathematics	213	254
Glenbrook South	Transportation, Distribution, and Logistics	42	85

Source: Illinois State Board of Education.

2021 Oakton Community College Environmental Scan

WIOA Approved Programs Within A 25 Mile Radius of Oakton Campus

The listing includes a code that depicts the credentials provided for the CIP (Classification of Instructional Program). Use this table to identify those credentials.

Degrees	code
Associates Degree	1
Associates Degree, Bachelors Degree, Community College Certificate of Completion, Employment	2
Associates Degree, Certificate of Completion - Apprenticeship	3
Associates Degree, Community College Certificate of Completion, Employment, Measurable Skills Gain (Lead to Credential)	4
Associates Degree, Employment	5
Associates Degree, Employment, Measurable Skills Gain (Lead to Credential), Measurable Skills Gain (Lead to Employment)	6
Bachelors Degree	7
Certificate of Completion - Apprenticeship	8
Certificate of Completion - Apprenticeship, Community College Certificate of Completion	9
Community College Certificate of Completion	10
Industry Recognized Certification	11
Industry Recognized Certification, Associates Degree	12
Industry Recognized Certification, Certificate of Completion - Apprenticeship	13
Industry Recognized Certification, Community College Certificate of Completion	14
Industry Recognized Certification, Community College Certificate of Completion, Employment	15
Industry Recognized Certification, Community College Certificate of Completion, Employment, Measurable Skills Gain (Lead to Credential), Measurable Skills Gain (Lead to Employment)	16
Industry Recognized Certification, Community College Certificate of Completion, Measurable Skills Gain (Lead to Credential), Measurable Skills Gain (Lead to Employment)	17
Industry Recognized Certification, Employment	18
Industry Recognized Certification, Employment, Measurable Skills Gain (Lead to Credential), Measurable Skills Gain (Lead to Employment)	19
Industry Recognized Certification, License	20
Industry Recognized Certification, License, Community College Certificate of Completion	21
Industry Recognized Certification, License, Other, Certificate of Completion - Apprenticeship, Employment, Measurable Skills Gain (Lead to Credential)	22
Industry Recognized Certification, Measurable Skills Gain (Lead to Employment)	23
Industry Recognized Certification, Other, Certificate of Completion - Apprenticeship, Employment, Measurable Skills Gain (Lead to Credential)	24
Industry Recognized Certification, Other, Employment	25
Industry Recognized Certification, Other, Employment, Measurable Skills Gain (Lead to Credential)	26
License	27
License, Associates Degree	28
License, Certificate of Completion - Apprenticeship, Employment	29
License, Community College Certificate of Completion	30
License, Employment	31
License, Measurable Skills Gain (Lead to Employment)	32
License, Other	33
Measurable Skills Gain (Lead to Credential)	34
Other	35
Other, Community College Certificate of Completion, Employment	36

2021 Oakton Community College Environmental Scan

CIP	Provider Name	Code
010605	College of Lake County	11
011001	BD Food Safety Consultants	11
011001	Food Safety & Quality Systems	11
011002	BD Food Safety Consultants	11
030501	Openlands	8
090702	COMNet Group Inc.	11
090702	COMNet Group Inc.	11
090702	COMNet Group Inc.	11
090999	DePaul University	11
090999	DePaul University	11
100201	Harper College Apprenticeship Programs	1
100303	Moraine Valley Community College	10
100304	Elgin Comm. College District #509	1
109999	DePaul University	11
109999	DePaul University	11
110101	Computer Systems Institute	11
110101	Computer Training Institute of Chicago	11
110101	Computer Training Institute of Chicago	11
110101	Computer Training Source, Inc.	11
110101	Computer Training Source, Inc.	11
110101	Computer Training Source, Inc.	11
110101	Computer Training Source, Inc.	11
110101	Computer Training Source, Inc.	11
110101	Computer Training Source, Inc.	11
110101	Computer Training Source, Inc.	11
110101	Computer Training Source, Inc.	11
110101	Computer Training Source, Inc.	11
110101	Computer Training Source, Inc.	11
110101	Computer Training Source, Inc.	11
110101	Computer Training Source, Inc.	11
110101	DePaul University	35
110101	Harper College Professional Center	11
110101	Harper College Professional Center	11
110101	Harper College Professional Center	11
110101	Harper College Professional Center	11
110101	Moraine Valley Community College	11
110101	New Horizons	11

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110101	New Horizons	11
110103	COMNet Group Inc.	11
110103	COMNet Group Inc.	11
110103	COMNet Group Inc.	11
110103	DePaul University	11
110103	DePaul University	11
110103	DePaul University	11
110103	Harper College	1
110103	Harper College Apprenticeship Programs	8
110103	Illinois Institute of Technology	35
110103	Illinois Institute of Technology	35
110103	MicroTrain Technologies	11
110103	MicroTrain Technologies	11
110103	MicroTrain Technologies	11
110103	Northeastern Illinois University	11
110199	DePaul University	35
110199	Harper College	11
110199	Management & Information Tech Solutions (MITS)	11
110199	Management & Information Technology Solutions (MITS)	11
110199	Management and Information Tech Solutions (MITS)	11
110199	Moraine Valley Community College	10
110201	College of Lake County	1
110201	COMNet Group Inc.	11
110201	COMNet Group Inc.	11
110201	COMNet Group Inc.	11
110201	COMNet Group Inc.	18
110201	COMNet Group Inc.	18
110201	COMNet Group Inc.	18
110201	DePaul University	11
110201	DePaul University	11
110201	DePaul University	11
110201	DePaul University	35
110201	eConsulting Group, Inc	11
110201	eConsulting Group, Inc	11
110201	eConsulting Group, Inc.	11
110201	Harper College Professional Center	10
110201	Harper College Professional Center	11
110201	Harper College Professional Center	11
110201	Harry S. Truman College	1

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110201	Harry S. Truman College	11
110201	Harry S. Truman College	11
110201	Illinois Institute of Technology	11
110201	Illinois Institute of Technology	11
110201	Illinois Institute of Technology	11
110201	Illinois Institute of Technology	11
110201	Illinois Institute of Technology	35
110201	Illinois Institute of Technology	35
110201	Illinois Institute of Technology	35
110201	Illinois Institute of Technology	35
110201	Illinois Institute of Technology	35
110201	Illinois Institute of Technology	35
110202	Arturo Velasquez Institute	11
110202	College Of DuPage	1
110202	College Of DuPage	1
110202	College Of DuPage	10
110202	College Of DuPage	10
110202	College Of DuPage	10
110202	College of Lake County	11
110202	Computer Training Institute of Chicago	11
110202	DePaul University	11
110202	Directions Training Center, Inc	35
110202	Illinois Institute of Technology	11
110202	Illinois Institute of Technology	11
110202	MicroTrain Technologies	11
110202	Richard J Daley College	11
110203	COMNet Group Inc.	11
110203	COMNet Group Inc.	11
110203	COMNet Group Inc.	11
110203	COMNet Group Inc.	11
110203	COMNet Group Inc.	11
110203	COMNet Group Inc.	11
110203	MicroTrain Technologies	11

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110203	MicroTrain Technologies	11
110299	Coding Temple Inc.	11
110299	Harper College Professional Center	11
110299	Harper College Professional Center	11
110299	Management & Information Tech Solutions (MITS)	11
110299	Management & Information Tech Solutions (MITS)	11
110299	Management & Information Technology Solutions (MITS)	11
110299	Management & Information Technology Solutions (MITS)	11
110299	Management and Information Tech Solutions (MITS)	11
110299	Management and Information Tech Solutions (MITS)	11
110299	Northeastern Illinois University	11
110301	Harper College	1
110401	Kennedy King College	11
110501	Able Career Institute at National Able Network	11
110501	Able Career Institute at National Able Network	11
110501	Able Career Institute at National Able Network	11
110501	Able Career Institute at National Able Network	11
110501	College of Lake County	11
110501	COMNet Group Inc.	11
110501	COMNet Group Inc.	11
110501	COMNet Group Inc.	11
110501	Computer Training Source, Inc.	11
110501	Computer Training Source, Inc.	11
110501	Computer Training Source, Inc.	11
110501	Computer Training Source, Inc.	11
110501	Computer Training Source, Inc.	11
110501	Computer Training Source, Inc.	11
110501	Computer Training Source, Inc.	11
110501	Computer Training Source, Inc.	11
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110501	Computer Training Source, Inc.	11
110501	Computer Training Source, Inc.	11
110501	Computer Training Source, Inc.	11
110501	Computer Training Source, Inc.	11
110501	Computer Training Source, Inc.	11
110501	DePaul University	11
110501	DePaul University	11

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110501	DePaul University	11
110501	DePaul University	35
110501	DePaul University	35
110501	DePaul University	35
110501	Directions Training Center, Inc	11
110501	eConsulting Group, Inc	11
110501	eConsulting Group, Inc	11
110501	eConsulting Group, Inc	11
110501	eConsulting Group, Inc	11
110501	eConsulting Group, Inc.	11
110501	eConsulting Group, Inc.	11
110501	Harper College Professional Center	11
110501	Illinois Institute of Technology	11
110501	Illinois Institute of Technology	11
110501	Illinois Institute of Technology	11
110501	Illinois Institute of Technology	11
110501	Illinois Institute of Technology	11
110501	Illinois Institute of Technology	11
110501	Illinois Institute of Technology	35
110501	Illinois Institute of Technology	35
110501	Illinois Institute of Technology	35
110501	Illinois Institute of Technology	35
110501	IT Expert System, Inc	11
110501	IT Expert System, Inc	11
110501	IT Expert System, Inc	11
110501	IT Expert System, Inc	11
110501	IT Expert System, Inc	11
110501	IT Expert System, Inc	11
110501	Management & Information Tech Solutions (MITS)	11
110501	Management & Information Technology Solutions (MITS)	11
110501	Management and Information Tech Solutions (MITS)	11
110501	Morton College	11
110601	College Of DuPage	1
110601	College Of DuPage	10
110601	College Of DuPage	10
110601	DONKA, Inc.	18
110601	Harper College Professional Center	11
110601	MicroTrain Technologies	11
110601	MicroTrain Technologies	11

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110601	MicroTrain Technologies	11
110601	MicroTrain Technologies	35
110601	MicroTrain Technologies	35
110601	MicroTrain Technologies	35
110701	Elgin Comm. College District #509	10
110701	Governors State University	7
110801	College Of DuPage	10
110801	College Of DuPage	10
110801	College Of DuPage	10
110801	College Of DuPage	10
110801	College of Lake County	11
110801	College of Lake County	11
110801	COMNet Group Inc.	11
110801	COMNet Group Inc.	11
110801	COMNet Group Inc.	11
110801	Harper College	11
110801	Harper College	11
110801	Harper College Professional Center	10
110801	Harper College Professional Center	11
110801	Harper College Professional Center	11
110801	Management Info Tech Solutions, Inc.(MITS)	11
110801	Management & Information Tech Solutions (MITS)	11
110801	Management & Information Tech Solutions (MITS)	11
110801	Management & Information Tech Solutions (MITS)	11
110801	Management & Information Technology Solutions (MITS)	11
110801	Management & Information Technology Solutions (MITS)	11
110801	Management & Information Technology Solutions (MITS)	11
110801	Management and Information Tech Solutions (MITS)	11
110801	Management and Information Tech Solutions (MITS)	11
110801	Management and Information Tech Solutions (MITS)	11
110801	Moraine Valley Community College	10
110801	Northeastern Illinois University	35
110802	COMNet Group Inc.	11
110802	COMNet Group Inc.	11
110802	COMNet Group Inc.	11
110802	COMNet Group Inc.	11
110802	COMNet Group Inc.	11
110802	COMNet Group Inc.	11
110802	COMNet Group Inc.	11
110802	COMNet Group Inc.	11
110802	COMNet Group Inc.	11
110802	COMNet Group Inc.	11

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110802	COMNet Group Inc.	11
110802	COMNet Group Inc.	11
110802	COMNet Group Inc.	18
110802	COMNet Group Inc.	18
110802	COMNet Group Inc.	18
110802	COMNet Group Inc.	18
110802	COMNet Group Inc.	18
110802	COMNet Group Inc.	18
110802	Illinois Institute of Technology	11
110802	Illinois Institute of Technology	11
110802	Illinois Institute of Technology	35
110802	Illinois Institute of Technology	35
110802	Illinois Institute of Technology	35
110802	Illinois Institute of Technology	35
110802	Illinois Institute of Technology	35
110802	Illinois Institute of Technology	35
110802	Illinois Institute of Technology	35
110802	Illinois Institute of Technology	35
110802	Illinois Institute of Technology	35
110802	Management Info Tech Solutions, Inc.(MITS)	11
110802	Management & Information Tech Solutions (MITS)	11
110802	Management & Information Technology Solutions (MITS)	11
110802	Management and Information Tech Solutions (MITS)	11
110802	Northeastern Illinois University	35
110899	Computer Systems Institute	11
110899	Computer Training Institute of Chicago	11
110899	Management & Information Tech Solutions (MITS)	11
110899	Management & Information Technology Solutions (MITS)	11
110899	Management and Information Tech Solutions (MITS)	11
110901	Able Career Institute at National Able Network	11
110901	Able Career Institute at National Able Network	11
110901	Able Career Institute at National Able Network	11
110901	Able Career Institute at National Able Network	11
110901	Able Career Institute at National Able Network	11
110901	Able Career Institute at National Able Network	11
110901	Able Career Institute at National Able Network	11
110901	Able Career Institute at National Able Network	11
110901	College Of DuPage	10
110901	College Of DuPage	10
110901	College Of DuPage	10
110901	College Of DuPage	10
110901	College Of DuPage	10
110901	College Of DuPage	10

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110901	MicroTrain Technologies	11
110901	Moraine Valley Community College	10
110901	Moraine Valley Community College	10
110901	National Able Network	11
110901	Richard J Daley College	10
110901	Richard J Daley College	11
110901	SOUTHLAKE EDUCATIONAL CTR (College of Lake County)	11
111001	Able Career Institute at National Able Network	11
111001	Able Career Institute at National Able Network	11
111001	Able Career Institute at National Able Network	11
111001	Able Career Institute at National Able Network	11
111001	College Of DuPage	11
111001	Computer Training Institute of Chicago	11
111001	Computer Training Source, Inc.	11
111001	Computer Training Source, Inc.	11
111001	Computer Training Source, Inc.	11
111001	Computer Training Source, Inc.	11
111001	Computer Training Source, Inc.	11
111001	Computer Training Source, Inc.	11
111001	Computer Training Source, Inc.	11
111001	Computer Training Source, Inc.	11
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111001	Computer Training Source, Inc.	11
111001	Computer Training Source, Inc.	11
111001	Computer Training Source, Inc.	11
111001	Computer Training Source, Inc.	11
111001	Computer Training Source, Inc.	11
111001	Computer Training Source, Inc.	11
111001	Computer Training Source, Inc.	11
111001	Computer Training Source, Inc.	11
111001	Computer Training Source, Inc.	11
111001	eConsulting Group, Inc	11
111001	eConsulting Group, Inc	11
111001	eConsulting Group, Inc	11
111001	eConsulting Group, Inc	11

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111001	eConsulting Group, Inc.	11
111001	eConsulting Group, Inc.	11
111001	Harper College	11
111001	Harper College Professional Center	11
111001	Harper College Professional Center	11
111001	Harper College Professional Center	11
111001	Harper College Professional Center	11
111001	Harper College Professional Center	11
111001	Harry S. Truman College	10
111001	Humboldt Park Vocational Center-Wright College	1
111001	Humboldt Park Vocational Center-Wright College	11
111001	Illinois Institute of Technology	35
111001	Illinois Institute of Technology	35
111001	Illinois Institute of Technology	35
111001	Illinois Institute of Technology	35
111001	Illinois Institute of Technology	35
111001	Illinois Institute of Technology	35
111001	Illinois Institute of Technology	35
111001	Illinois Institute of Technology	35
111001	Illinois Institute of Technology	35
111001	Illinois Institute of Technology	35
111001	Illinois Institute of Technology	35
111001	IT Expert System, Inc	11
111001	IT Expert System, Inc	11
111001	IT Expert System, Inc	11
111001	IT Expert System, Inc	11
111001	Management & Information Tech Solutions (MITS)	11
111001	MicroTrain Technologies	11
111001	Moraine Valley Community College	11
111001	Morton College	11
111001	Richard J Daley College	11

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111001	Wright College	1
111001	Wright College	11
111001	Wright College	11
111001	Wright College - North Campus	1
111001	Wright College - North Campus	10
111001	Wright College - North Campus	11
111001	Wright College - North Campus	11
111002	COMNet Group Inc.	11
111002	COMNet Group Inc.	11
111002	COMNet Group Inc.	11
111002	Directions Training Center, Inc	11
111002	Directions Training Center, Inc	11
111002	Directions Training Center, Inc	11
111002	Directions Training Center, Inc	11
111002	MicroTrain Technologies	11
111002	Moraine Valley Community College	11
111002	Moraine Valley Community College	11
111003	College Of DuPage	10
111003	College Of DuPage	10
111003	COMNet Group Inc.	11
111003	COMNet Group Inc.	11
111003	COMNet Group Inc.	11
111003	COMNet Group Inc.	11
111003	COMNet Group Inc.	11

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111003	COMNet Group Inc.	11
111003	Computer Training Source, Inc.	11
111003	Computer Training Source, Inc.	11
111003	Computer Training Source, Inc.	11
111003	Computer Training Source, Inc.	11
111003	Directions Training Center, Inc	11
111003	Directions Training Center, Inc	11
111003	Directions Training Center, Inc	11
111003	Directions Training Center, Inc	11
111003	Evolve Security Academy - Wacker	11
111003	Evolve Security Academy - Wacker	11
111003	Illinois Institute of Technology	11
111003	Illinois Institute of Technology	11
111003	Illinois Institute of Technology	35
111003	Illinois Institute of Technology	35
111003	Illinois Institute of Technology	35
111003	Illinois Institute of Technology	35
111003	Illinois Institute of Technology	35
111003	Illinois Institute of Technology	35
111003	Illinois Institute of Technology	35
111003	Illinois Institute of Technology	35
111003	Illinois Institute of Technology	35
111003	Illinois Institute of Technology	35
111003	Illinois Institute of Technology	35
111003	Illinois Institute of Technology	35
111003	Kennedy King College	10
111003	MicroTrain Technologies	11
111003	Moraine Valley Community College	11
111003	Moraine Valley Community College	11
111003	The Cyber Guru	11
111003	United Youth of America, Inc.	8
111004	Computer Training Institute of Chicago	35
111004	Computer Training Source, Inc.	11
111004	Computer Training Source, Inc.	11

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111004	Computer Training Source, Inc.	11
111004	Computer Training Source, Inc.	11
111004	Computer Training Source, Inc.	11
111004	Computer Training Source, Inc.	11
111004	Computer Training Source, Inc.	11
111004	Computer Training Source, Inc.	11
111004	Computer Training Source, Inc.	11
111004	Computer Training Source, Inc.	11
111004	Computer Training Source, Inc.	11
111004	Harper College	1
111004	Harper College Professional Center	10
111004	Harper College Professional Center	11
111004	Harry S. Truman College	10
111004	Humboldt Park Vocational Center-Wright College	1
111004	Humboldt Park Vocational Center-Wright College	11
111004	Humboldt Park Vocational Center-Wright College	11
111004	Illinois Institute of Technology	11
111004	Illinois Institute of Technology	11
111004	Illinois Institute of Technology	35
111004	Illinois Institute of Technology	35
111004	Illinois Institute of Technology	35
111004	Illinois Institute of Technology	35
111004	Illinois Institute of Technology	35
111004	Illinois Institute of Technology	35
111004	Kennedy King College	1
111004	Kennedy King College	10
111004	Kennedy King College	10
111004	Kennedy King College	10
111004	Moraine Valley Community College	10
111004	Morton College	10
111004	Morton College	10
111004	Northeastern Illinois University	35
111004	Wright College	1
111004	Wright College	11
111004	Wright College	11
111004	Wright College - North Campus	1
111004	Wright College - North Campus	11
111004	Wright College - North Campus	11
111005	COMNet Group Inc.	11
111005	COMNet Group Inc.	11
111005	COMNet Group Inc.	11

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111005	COMNet Group Inc.	11
111005	COMNet Group Inc.	11
111005	COMNet Group Inc.	11
111005	COMNet Group Inc.	11
111005	COMNet Group Inc.	11
111005	COMNet Group Inc.	11
111005	COMNet Group Inc.	18
111005	COMNet Group Inc.	18
111005	COMNet Group Inc.	18
111005	Courtyard by Marriott Chicago/Glenview	22
111005	Courtyard by Marriott Chicago/Glenview	22
111005	Courtyard by Marriott Chicago/Glenview	22
111005	Courtyard by Marriott Chicago/Glenview	22
111005	Courtyard by Marriott Chicago/Glenview	24
111005	Courtyard by Marriott Chicago/Glenview	24
111005	Courtyard by Marriott Chicago/Glenview	24
111005	Courtyard by Marriott Chicago/Glenview	24
111005	Courtyard by Marriott Chicago/Glenview	24
111005	Courtyard by Marriott Chicago/Glenview	24
111005	Courtyard by Marriott Chicago/Glenview	24
111005	Courtyard by Marriott Chicago/Glenview	26
111005	Courtyard by Marriott Chicago/Glenview	26
111005	Courtyard by Marriott Chicago/Glenview	26
111005	Courtyard by Marriott Chicago/Glenview	26
111005	Courtyard by Marriott Chicago/Glenview	26
111005	Courtyard by Marriott Chicago/Glenview	26
111005	Courtyard by Marriott Chicago/Glenview	26
111005	Courtyard by Marriott Chicago/Glenview	26
111005	Courtyard by Marriott Chicago/Glenview	26
111005	Courtyard by Marriott Chicago/Glenview	26
111005	Courtyard by Marriott Chicago/Glenview	26
111005	Directions Training Center, Inc	11
111005	eConsulting Group, Inc	11
111005	eConsulting Group, Inc	11
111005	eConsulting Group, Inc.	11
111006	CompTIA Tech Career Academy	11
111006	CompTIA Tech Career Academy	11
111006	Computer Training Source, Inc.	11
111006	Computer Training Source, Inc.	11
111006	Computer Training Source, Inc.	11

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111006	Computer Training Source, Inc.	11
111006	Computer Training Source, Inc.	11
111006	Computer Training Source, Inc.	11
111006	Computer Training Source, Inc.	11
111006	Computer Training Source, Inc.	11
111006	Creating IT Futures	11
111006	Harper College Professional Center	10
111006	Harper College Professional Center	10
111006	Kennedy King College	11
111006	Northeastern Illinois University	11
111099	DePaul University	11
111099	DePaul University	11
111099	Directions Training Center, Inc	18
111099	eConsulting Group, Inc	11
111099	eConsulting Group, Inc	11
111099	eConsulting Group, Inc.	11
111099	Illinois Institute of Technology	11
111099	Illinois Institute of Technology	11
111099	IT Expert System, Inc	11
111099	IT Expert System, Inc	11
111099	IT Expert System, Inc	11
111099	IT Expert System, Inc	11
111099	IT Expert System, Inc	11
111099	IT Expert System, Inc	11
111099	IT Expert System, Inc	11
111099	Management & Information Tech Solutions (MITS)	11
111099	Management & Information Technology Solutions (MITS)	11
111099	Management and Information Tech Solutions (MITS)	11
111099	MicroTrain Technologies	11
111099	Moraine Valley Community College	11

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111099	Premier Technology Consultants	11
111099	Premier Technology Consultants, Inc.	11
119999	DePaul University	11
119999	DePaul University	11
119999	DePaul University	35
119999	Directions Training Center, Inc	11
119999	eConsulting Group, Inc	11
119999	eConsulting Group, Inc	11
119999	eConsulting Group, Inc	11
119999	eConsulting Group, Inc	11
119999	eConsulting Group, Inc.	11
119999	eConsulting Group, Inc.	11
119999	Elgin Comm. College District #509	14
119999	Harper College	11
119999	Harper College	11
119999	Harper College Professional Center	11
119999	Harper College Professional Center	11
119999	Illinois Manufacturing Foundation	11
119999	Moraine Valley Community College	11
119999	New Horizons	11
119999	Triton College	11
120501	Harper College	11
120501	Kennedy King College	11
120501	Triton College	11
120501	United Youth of America, Inc.	8
120503	A Safe Haven Foundation*	11
120503	Chinese American Service League	11
120503	College Of DuPage	1
120503	Elgin Comm. College District #509	1
120503	Harper College	11
120503	Kennedy King College	1
120503	Kennedy King College	1
120503	Kennedy King College	11
120503	Kennedy King College	11
120503	Triton College	11
120504	College of Lake County	11
120504	College of Lake County	11
120504	College of Lake County	11
120504	Elgin Comm. College District #509	1
120504	LakeShore Campus	11
120504	LakeShore Campus	11
120504	LakeShore Campus	11

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120505	Kennedy King College	14
120505	UNITEHERE-Chicago Hospitality Institute at Lakeside Center-McCormick Place	8
120507	Educational Advantage, Inc.	11
120507	Educational Advantage, Inc.	11
131001	Northern Illinois University	35
131001	Northern Illinois University	35
131209	Harry S. Truman College	1
131210	Elgin Comm. College District #509	1
131305	Northern Illinois University	35
139999	Wolf Driving School	27
139999	Wolf Driving School	27
139999	Wolf Driving School	27
139999	Wolf Driving School	27
140903	Kennedy King College	10
141101	Triton College	11
143601	Symbol Training Institute	11
143601	Symbol Training Institute	11
143601	Symbol Training Institute	11
143601	Symbol Training Institute	11
143601	Symbol Training Institute	11
143601	Symbol Training Institute	11
143601	Symbol Training Institute	11
143601	Symbol Training Institute	11
143601	Symbol Training Institute	11
150303	College Of DuPage	10
150303	College Of DuPage	10
150303	College Of DuPage	10
150303	College of Lake County	1
150303	College of Lake County	11
150304	College of Lake County	11
150305	College Of DuPage	10
150305	College Of DuPage	10
150305	College Of DuPage	10
150399	College Of DuPage	10
150401	College Of DuPage	1
150403	College Of DuPage	10
150403	Harper College Apprenticeship Programs	1
150405	College Of DuPage	10
150405	College of Lake County	11
150406	College of Lake County	4
150406	Kennedy King College	1
150406	Kennedy King College	10
150501	College Of DuPage	14

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150501	Moraine Valley Community College	1
150501	Morton College	10
150503	College Of DuPage	10
150611	Elgin Comm. College District #509	1
150612	Southern Illinois University - Carbondale	7
150613	College Of DuPage	1
150613	College Of DuPage	10
150613	College Of DuPage	10
150613	College of Lake County	11
150613	Elgin Comm. College District #509	1
150613	Elgin Comm. College District #509	1
150613	Elgin Comm. College District #509	11
150613	Elgin Comm. College District #509	11
150613	Harper College	1
150613	Harper College	10
150613	Jane Addams Resource Corp	11
150613	Symbol Training Institute	11
150613	Symbol Training Institute	11
150613	Symbol Training Institute	11
150613	Symbol Training Institute	11
150614	Jane Addams	27
150614	Jane Addams Resource Corp	27
150614	Lincoln College of Technology	35
150702	COMNet Group Inc.	11
150702	COMNet Group Inc.	11
150702	COMNet Group Inc.	11
150702	Management Info Tech Solutions, Inc.(MITS)	11
150702	Management & Information Tech Solutions (MITS)	11
150702	Management & Information Technology Solutions (MITS)	11
150702	Management and Information Tech Solutions (MITS)	11
150702	Moraine Valley Community College	11
150805	College of Lake County	1
151202	College Of DuPage	10
151202	College Of DuPage	10
151202	College Of DuPage	10
151202	Harry S. Truman College	11
151202	MicroTrain Technologies	11
151202	MicroTrain Technologies	11
151202	MicroTrain Technologies	11
151204	COMNet Group Inc.	11
151204	COMNet Group Inc.	11
151204	COMNet Group Inc.	11

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151204	COMNet Group Inc.	11
151204	COMNet Group Inc.	11
151204	COMNet Group Inc.	11
151204	Computer Training Institute of Chicago	11
151204	DePaul University	11
151204	Harper College	10
151204	IT Expert System, Inc	11
151204	IT Expert System, Inc	11
151204	Morton College	10
151299	eConsulting Group, Inc	11
151299	eConsulting Group, Inc	11
151299	eConsulting Group, Inc.	11
151302	College Of DuPage	10
151302	College of Lake County	1
151302	College of Lake County	1
151302	College of Lake County	11
151302	College of Lake County	35
151302	Elgin Comm. College District #509	1
151302	Elgin Comm. College District #509	10
151302	Elgin Comm. College District #509	10
151302	Elgin Comm. College District #509	10
151302	LakeShore Campus	1
151302	SOUTHLAKE EDUCATIONAL CTR (College of Lake County)	1
151303	College of Lake County	35
151306	College of Lake County	35
151399	Triton College	11
190505	Harper College	11
190699	Northpointe Resources	35
190708	College Of DuPage	10
190708	Kennedy King College	11
190709	College Of DuPage	1
190709	College of Lake County	1
190709	College of Lake County	1
190709	Harry S. Truman College	10
190709	Harry S. Truman College	10
190709	Harry S. Truman College	11
190709	Kennedy King College	1
190709	Kennedy King College	11
190709	Kennedy King College	11
220301	Elgin Comm. College District #509	1
220302	College Of DuPage	1
220302	College Of DuPage	10

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220302	College of Lake County	11
220302	DePaul University	11
220302	DePaul University	11
220302	Elgin Comm. College District #509	1
220302	Elgin Comm. College District #509	10
220302	Harold Washington College	1
220302	Harper College	1
220302	Harper College	11
220302	Moraine Valley Community College	1
220302	Moraine Valley Community College	10
220302	Northeastern Illinois University	11
220302	Northeastern Illinois University	11
220302	Roosevelt University	11
220302	Roosevelt University	11
220302	Waubensee Community College	1
220302	Waubensee Community College	10
220302	Wright College - North Campus	1
230101	Elgin Comm. College District #509	35
231303	College of Lake County	11
231303	College of Lake County	11
250301	College Of DuPage	1
250301	College Of DuPage	10
320101	College Of DuPage	10
320109	College Of DuPage	34
320199	College Of DuPage	10
410101	Elgin Comm. College District #509	1
410303	Arturo Velasquez Institute	11
410303	Richard J Daley College	11
422803	Northern Illinois University	35
422803	Northern Illinois University	35
430104	Governors State University	7
430107	College of Lake County	1
430107	College of Lake County	11
430107	Elgin Comm. College District #509	1
430107	SOUTHLAKE EDUCATIONAL CTR (College of Lake County)	1
430109	AGB Institute	27
430109	AGB Institute	27
430109	AGB Institute	27
430109	College of Lake County	11
430116	Elgin Comm. College District #509	1
430199	Elgin Comm. College District #509	10
430199	Elgin Comm. College District #509	10

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430201	Elgin Comm. College District #509	11
430202	Elgin Comm. College District #509	10
430203	College of Lake County	1
430203	Elgin Comm. College District #509	1
430203	Elgin Comm. College District #509	10
439999	College Of DuPage	14
439999	Harper College	10
439999	Harper College	11
439999	Harper College	11
440000	America Business College, Inc	11
440000	America Business College, Inc	11
440000	America Business College, Inc	11
440701	College of Lake County	1
440701	College of Lake County	6
440701	College of Lake County	11
440701	College of Lake County	16
440799	Kennedy King College	1
450701	College Of DuPage	10
460000	Associated Builders and Contractors	8
460000	Dawson Technical Institute	10
460201	Associated Builders and Contractors	11
460201	Associated Builders and Contractors	13
460201	Associated Builders and Contractors	13
460201	Associated Builders and Contractors	13
460201	Dawson Technical Institute	10
460201	GMP LABS	11
460201	Greater West Town - Manufacturing Training	11
460201	Greater West Town - Transportation, Distribution, & Logistics Training	11
460201	Greater West Town Project - Youth	11
460302	Associated Builders and Contractors	13
460302	Associated Builders and Contractors	13
460403	College of Lake County	11
460403	Legacy Inspection Training	27
460503	Associated Builders and Contractors	11
460503	Associated Builders and Contractors	13
460503	Associated Builders and Contractors	13
460503	Associated Builders and Contractors	13
460503	Associated Builders and Contractors	13
460503	Dawson Technical Institute	10
460503	Dawson Technical Institute	11
470000	Harper College	11
470000	West Chicago Professional Center	23

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470000	West Chicago Professional Center	23
470101	Harper College	11
470101	Harper College	11
470101	Harper College	11
470104	Arturo Velasquez Institute	11
470104	College Of DuPage	1
470104	College of Lake County	11
470104	MicroTrain Technologies	11
470104	MicroTrain Technologies	11
470104	MicroTrain Technologies	11
470104	Morton College	11
470104	Richard J Daley College	11
470105	College Of DuPage	1
470105	College Of DuPage	10
470105	College Of DuPage	10
470105	College Of DuPage	10
470105	College of Lake County	11
470105	Moraine Valley Community College	10
470199	Coyne American Institute	35
470199	Coyne College	35
470199	Dawson Technical Institute	11
470201	*Kennedy King College	1
470201	America Business College, Inc	11
470201	America Business College, Inc	11
470201	America Business College, Inc	11
470201	Chicago Professional Center	8
470201	Chicago Professional Center	11
470201	Chicago Professional Center, Inc.	11
470201	College Of DuPage	10
470201	College Of DuPage	10
470201	College Of DuPage	10
470201	College of Lake County	11
470201	College of Lake County	11
470201	College of Lake County	11
470201	College of Lake County	11
470201	College of Lake County	11
470201	College of Lake County	11
470201	College of Lake County	11
470201	Coyne American Institute	35
470201	Coyne College	35
470201	Elgin Comm. College District #509	1
470201	Elgin Comm. College District #509	1
470201	Elgin Comm. College District #509	1

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470201	Elgin Comm. College District #509	10
470201	Elgin Comm. College District #509	11
470201	Elgin Comm. College District #509	14
470201	Elgin Comm. College District #509	14
470201	ETI-School of Skilled Trades	11
470201	Harper College	1
470201	Harper College	10
470201	Kennedy King College	1
470201	Kennedy King College	10
470201	Kennedy King College	10
470201	Kennedy King College	10
470201	Kennedy King College	10
470201	Moraine Valley Community College	10
470201	Moraine Valley Community College	10
470201	Moraine Valley Community College	35
470201	West Chicago Professional Center	35
470201	West Chicago Professional Center	35
470303	Chicago Professional Center	11
470303	Chicago Professional Center	27
470303	Chicago Professional Center	27
470303	Chicago Professional Center, Inc.	11
470303	Chicago Professional Center, Inc.	27
470303	Chicago Professional Center, Inc.	27
470303	Elgin Comm. College District #509	3
470303	Elgin Comm. College District #509	10
470303	Elgin Comm. College District #509	36
470303	Gordie's Foundation Inc.	11
470303	Gordie's Foundation Inc.	11
470303	Gordie's Foundation Inc.	11
470303	Gordie's Foundation Inc.	11
470303	Harper College	1
470303	Harper College	10
470303	Harper College	10
470303	Harper College Apprenticeship Programs	1
470303	Moraine Valley Community College	10
470303	Moraine Valley Community College	10
470303	Moraine Valley Community College	10
470303	Moraine Valley Community College	11

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470303	Richard J Daley College	11
470303	Richard J Daley College	11
470399	Moraine Valley Community College	10
470499	Arturo Velasquez Institute	10
470499	Richard J Daley College	10
470603	College of Lake County	1
470603	College of Lake County	11
470603	Kennedy King College	10
470603	Kennedy King College	10
470603	Lincoln College of Technology	35
470604	*Kennedy King College	11
470604	College Of DuPage	1
470604	College Of DuPage	10
470604	College of Lake County	1
470604	College of Lake County	11
470604	College of Lake County	11
470604	College of Lake County	11
470604	College of Lake County	11
470604	College of Lake County	11
470604	College of Lake County	11
470604	College of Lake County	11
470604	College of Lake County	11
470604	College of Lake County	11
470604	College of Lake County	11
470604	College of Lake County	35
470604	Elgin Comm. College District #509	1
470604	Elgin Comm. College District #509	10
470604	Elgin Comm. College District #509	10
470604	Elgin Comm. College District #509	10
470604	Elgin Comm. College District #509	10
470604	Elgin Comm. College District #509	11
470604	Harry S. Truman College	1
470604	Harry S. Truman College	11
470604	Harry S. Truman College	27
470604	Lincoln College of Technology	1
470604	Lincoln College of Technology	35
470604	Moraine Valley Community College	10
470604	Moraine Valley Community College	10
470604	Morton College	11
470605	Universal Technical Institute	35

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470605	Universal Technical Institute	35
470605	Universal Technical Institute	35
470605	Universal Technical Institute	35
470605	Universal Technical Institute	35
470605	Universal Technical Institute	35
470605	Universal Technical Institute	35
470613	Bulldog Driving School	27
470613	Bulldog Driving School Inc	27
470613	Columbia Driving School	27
470613	Morton College	27
470613	Star Truck Driving School, Inc	27
470614	Morton College	11
479999	Harper College	11
479999	Harper College	11
480501	College Of DuPage	10
480501	College of Lake County	11
480501	College of Lake County	11
480501	College of Lake County	11
480501	Elgin Comm. College District #509	10
480501	Harper College	10
480501	Triton College	11
480503	College of Lake County	1
480503	Elgin Comm. College District #509	1
480506	Elgin Comm. College District #509	10
480507	College of Lake County	11
480507	Jane Addams	11
480507	Jane Addams Resource Corp	11
480507	Technology and Manufacturing Association	8
480508	A Safe Haven Foundation*	11
480508	America Business College, Inc	11
480508	America Business College, Inc	11
480508	College Of DuPage	10
480508	College Of DuPage	14
480508	College of Lake County	11
480508	College of Lake County	11
480508	College of Lake County	11
480508	Dawson Technical Institute	10
480508	Elgin Comm. College District #509	10
480508	Elgin Comm. College District #509	10
480508	Elgin Comm. College District #509	10
480508	Elgin Comm. College District #509	10
480508	ETI-School of Skilled Trades	11

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480508	First Institute Training & Management	11
480508	First Institute Training & Management	11
480508	First Institute Training and Management	11
480508	FITM - Moblie Welding Lab	11
480508	Harper College	1
480508	Harper College	11
480508	Harper College	11
480508	Lincoln College of Technology	35
480508	Moraine Valley Community College	10
480508	Morton College	11
480508	Richard J Daley College	11
480508	Universal Technical Institute	11
480510	Harper College	1
480510	Harper College	10
480510	Harper College Apprenticeship Programs	1
480510	Humboldt Park Vocational Center-Wright College	11
480510	Richard J Daley College	11
480510	Richard J Daley College	11
480510	Symbol Training Institute	11
480510	Symbol Training Institute	11
480510	Technology and Manufacturing Association	11
480510	Technology and Manufacturing Association	11
480510	Technology and Manufacturing Association	11
480510	Wright College - North Campus	11
480510	Wright College - North Campus	11
480510	Wright College - North Campus	11
480599	Illinois Manufacturing Foundation	11
490202	Associated Builders and Contractors	11
490205	160 Driving Academy	27
490205	160 Driving Academy	27
490205	160 Driving Academy	27
490205	160 Driving Academy	27
490205	160 Driving Academy	27
490205	160 Driving Academy	27
490205	160 Driving Academy	27
490205	Alamo Truck Driving School	27
490205	All Pro Truck Driving School, LLC	27
490205	All Pro Truck Driving School, LLC	27
490205	All Pro Truck Driving School, LLC	27
490205	Alpha Truck Driving School	27
490205	Alpha Truck Driving School	27
490205	Alpha Truck Driving School	27

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490205	America Business College, Inc	27
490205	America Business College, Inc	27
490205	Blue Horizon Driving School Inc.	27
490205	Blue Horizon Driving School Inc.	27
490205	Blue Horizon Driving School Inc.	27
490205	College Of DuPage	14
490205	College Of DuPage	14
490205	College Of DuPage	14
490205	College Of DuPage	14
490205	College of Lake County	27
490205	Eagle Training Services	27
490205	Eagle Training Services	27
490205	Eagle Training Services	27
490205	Eagle Training Services	35
490205	Eagle Training Services Inc. - Harper Branch	27
490205	Elgin Comm. College District #509	11
490205	Elgin Comm. College District #509	11
490205	Expert Driving School, Inc.	27
490205	Expert TRUCK Driving School	27
490205	Greater West Town - Manufacturing Training	11
490205	Greater West Town Project - Youth	11
490205	Harper College	27
490205	Kotra CDL Driving School	32
490205	Mexico Juarez Driving School	27
490205	Mexico Juarez Driving School	27
490205	Mid-City Truck Driving Academy MidCity CDL	27
490205	Mid-City Truck Driving Academy MidCity CDL	27
490205	Mid-City Truck Driving Academy MidCity CDL	27
490205	Mid-City Truck Driving Academy MidCity CDL	27
490205	Morton College	27
490205	Morton College	27
490205	Morton College	27
490205	Professional Truck Driving School, Inc.	27
490205	Professional Truck Driving School, Inc.	27
490205	Progressive Truck Driving School, Inc.	27
490205	Progressive Truck Driving School, Inc.	27
490205	Progressive Truck Driving School, Inc.	27
490205	Progressive Truck Driving School, Inc.	27
490205	Progressive Truck Driving School, Inc.	27

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490205	Progressive Truck Driving School, Inc.	27
490205	Star Truck Driving School, Inc	27
490205	Viking Driving School	11
490205	Viking Driving School	11
490205	Viking Driving School Inc	11
490205	Viking Driving School Inc	11
499999	Harper College Professional Center	11
499999	Moraine Valley Community College	10
499999	Moraine Valley Community College	11
499999	Moraine Valley Community College	11
499999	Morton College	10
500401	College Of DuPage	10
500401	College Of DuPage	10
500409	Elgin Comm. College District #509	1
500706	DePaul University	11
500706	DePaul University	11
510000	Moraine Valley Community College	27
510000	Northwest Suburban College	11
510202	College Of DuPage	10
510601	B&DA Inc.	11
510601	College Of DuPage	9
510601	Dental Assistant Academy of Chicago	35
510601	Elgin Comm. College District #509	11
510601	Elgin Comm. College District #509	11
510601	First Institute Training & Management	11
510601	First Institute Training & Management	11
510601	Harper College	35
510601	Moraine Valley Community College	10
510601	National College of Health	11
510601	National College of Health, Inc	11
510601	National College of Health, Inc	11
510601	North Shore Dental Assisting Academy	19
510601	Northeastern Illinois University	11
510601	Northwest Suburban College	11
510601	Stellar Career College	35
510601	Triton College	11
510602	Harper College	1
510602	LakeShore Campus	27
510602	Malcolm X College	1
510705	Chicago Community Learning Center	11
510705	Chicago Community Learning Center - CCLC	11
510705	Harper College	1

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510706	Morton College	11
510706	Taylor Business Institute	1
510706	Taylor Business Institute	1
510707	Chicago Community Learning Center	27
510707	Chicago Community Learning Center - CCLC	27
510707	College Of DuPage	1
510707	College of Lake County	1
510707	Computer Training Institute of Chicago	11
510707	Coyne American Institute	11
510707	Coyne College	11
510707	Elgin Comm. College District #509	11
510707	Harper College	1
510707	Malcolm X College	1
510707	Malcolm X College	10
510707	Malcolm X College	11
510707	Malcolm X College	11
510707	Moraine Valley Community College	1
510707	Morton College	11
510707	Morton College	11
510707	Morton College	11
510707	Northeastern Illinois University	11
510707	Northeastern Illinois University	11
510707	Waubensee Community College	14
510708	College Of DuPage	10
510710	College of Lake County	11
510710	Elgin Comm. College District #509	10
510710	Harper College	11
510710	Morton College	11
510710	National Latino Education Inst., NLEI (former) Spanish Coalition	11
510713	College of Lake County	11
510713	JCM III Corporation	11
510713	LakeShore Campus	11
510713	Management & Information Tech Solutions (MITS)	11
510713	Management & Information Tech Solutions (MITS)	11
510713	Management & Information Technology Solutions (MITS)	11
510713	Management & Information Technology Solutions (MITS)	11
510713	Management and Information Tech Solutions (MITS)	11
510713	Management and Information Tech Solutions (MITS)	11
510713	Moraine Valley Community College	11
510713	National College of Health	11
510713	National College of Health, Inc	11
510713	National College of Health, Inc	11

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510713	Northeastern Illinois University	11
510713	Triton College	11
510714	B&DA Inc.	11
510714	College of Dupage	8
510714	Moraine Valley Community College	10
510716	Computer Systems Institute	11
510716	Delmon Medical College	11
510716	Moraine Valley Community College	11
510716	Triton College	11
510717	Moraine Valley Community College	10
510799	Elgin Comm. College District #509	11
510799	Elgin Comm. College District #509	11
510799	Elgin Comm. College District #509	11
510801	A Plus Healthcare Training	25
510801	B&DA Inc.	11
510801	B&DA Inc.	11
510801	College Of DuPage	10
510801	College of Lake County	11
510801	Coyne American Institute	11
510801	Coyne College	11
510801	First Institute Training & Management	11
510801	First Institute Training & Management	11
510801	International Training Academy	11
510801	LakeShore Campus	11
510801	Lincoln College of Technology	35
510801	Malcolm X College	11
510801	Management & Information Tech Solutions (MITS)	11
510801	Management & Information Tech Solutions (MITS)	11
510801	Management & Information Tech Solutions (MITS)	11
510801	Management & Information Technology Solutions (MITS)	11
510801	Management & Information Technology Solutions (MITS)	11
510801	Management & Information Technology Solutions (MITS)	11
510801	Management and Information Tech Solutions (MITS)	11
510801	Management and Information Tech Solutions (MITS)	11
510801	Management and Information Tech Solutions (MITS)	11
510801	Medway Healthcare Institute	11
510801	Moraine Valley Community College	11
510801	National College of Health	11
510801	National College of Health, Inc	11
510801	National College of Health, Inc	11
510801	National Latino Education Inst., NLEI (former) Spanish Coalition	11
510801	New Lake College	11

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510801	Northeastern Illinois University	11
510801	Stellar Career College	11
510801	Stellar Career College	11
510801	Tukiendorf Training Institute	11
510801	Tukiendorf Training Institute	11
510801	Tukiendorf Training Institute	11
510801	Tukiendorf Training Institute (TTI)	11
510801	Tukiendorf Training Institute (TTI)	11
510801	Tukiendorf Training Institute (TTI)	11
510801	Tukiendorf Training Institute(1)	11
510801	Tukiendorf Training Institute(1)	11
510801	University of The Potomac-Chicago	35
510801	Waubonsee Community College	10
510802	Mildun Training Center of Illinois	11
510803	Wright College - North Campus	1
510805	College of Lake County	11
510805	Coyne American Institute	11
510805	Coyne College	11
510805	Harper College	11
510805	Malcolm X College	11
510805	Moraine Valley Community College	11
510805	Morton College	10
510805	National College of Health	11
510805	National College of Health, Inc	11
510805	National College of Health, Inc	11
510805	Northeastern Illinois University	11
510805	Northwest Suburban College	11
510805	Tukiendorf Training Institute	11
510806	Elgin Comm. College District #509	1
510806	Harper College	12
510806	JCM III Corporation	27
510806	Malcolm X College	27
510806	Morton College	1
510806	Northeastern Illinois University	11
510808	College Of DuPage	10
510808	College of Lake County	35
510809	College Of DuPage	1
510814	Stellar Career College	11
510899	Chicago Community Learning Center	27
510899	Chicago Community Learning Center	27
510899	Chicago Community Learning Center - CCLC	27
510899	Chicago Community Learning Center - CCLC	27

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510899	College of Lake County	11
510899	Midwestern Career College	27
510899	Midwestern Career College	27
510899	Midwestern Career College	27
510899	State Career College	27
510901	Harper College	1
510901	Harper College	10
510901	Midwestern Career College	1
510901	Midwestern Career College	1
510901	New Lake College	11
510901	Stellar Career College	11
510902	A Plus Healthcare Training	11
510902	Avid CNA School	11
510902	College Of DuPage	10
510902	Medway Healthcare Institute	11
510902	National College of Health	11
510902	National College of Health, Inc	11
510902	National College of Health, Inc	11
510902	Northeastern Illinois University	11
510902	Triton College	11
510902	Tukiendorf Training Institute	11
510902	Tukiendorf Training Institute (TTI)	11
510902	Tukiendorf Training Institute(1)	11
510903	Midwestern Career College	11
510903	Midwestern Career College	11
510903	Midwestern Career College	11
510904	College Of DuPage	30
510904	Elgin Comm. College District #509	11
510904	Elgin Comm. College District #509	14
510904	Harper College	11
510904	Harper College	11
510904	Harper College	11
510904	Malcolm X College	11
510904	Malcolm X College	11
510904	Rush-Copley Medical Center	15
510904	Triton College	11
510904	Waubonsee Community College	1
510904	Waubonsee Community College	10
510904	Waubonsee Community College	15
510907	College Of DuPage	1
510907	College of Lake County	1
510907	College of Lake County	11

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510907	Malcolm X College	1
510907	Moraine Valley Community College	1
510907	National College of Health	27
510907	National College of Health, Inc	27
510907	National College of Health, Inc	27
510908	College Of DuPage	1
510908	Malcolm X College	27
510908	Moraine Valley Community College	11
510909	College Of DuPage	1
510909	College Of DuPage	10
510909	College of Lake County	11
510909	Elgin Comm. College District #509	10
510909	Elgin Comm. College District #509	12
510909	Harper College	1
510909	Malcolm X College	11
510909	Malcolm X College	35
510909	Midwestern Career College	1
510909	Midwestern Career College	1
510909	Midwestern Career College	1
510910	College Of DuPage	14
510910	College of Lake County	11
510910	Harper College	1
510910	Midwestern Career College	1
510910	Midwestern Career College	1
510910	National College of Health	11
510910	National College of Health, Inc	11
510910	National College of Health, Inc	11
510910	Stellar Career College	11
510911	Elgin Comm. College District #509	1
510911	Harper College	1
510911	Midwestern Career College	1
510911	Midwestern Career College	1
510920	Harper College	11
510920	Midwestern Career College	1
510920	Midwestern Career College	1
510920	Midwestern Career College	1
510999	Stellar Career College	11
511004	Elgin Comm. College District #509	1
511004	Elgin Comm. College District #509	10
511007	Elgin Comm. College District #509	14
511009	Avid CNA School	11
511009	City College of Education	11

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511009	College of Lake County	11
511009	Harper College	11
511009	International Career Institute	11
511009	Malcolm X College	11
511009	Medway Healthcare Institute	11
511009	Moraine Valley Community College	10
511009	National College of Health	11
511009	National College of Health, Inc	11
511009	National College of Health, Inc	11
511009	National College of Phlebotomy	11
511009	New Lake College	11
511009	Nirvana Institute	11
511009	Nirvana Institute	11
511009	Northeastern Illinois University	11
511009	Stars Academy-School of Phlebotomy	11
511009	Stellar Career College	11
511009	Triton College	11
511009	Triton College	11
511009	Tukiendorf Training Institute	11
511009	Tukiendorf Training Institute	11
511009	Tukiendorf Training Institute (TTI)	11
511009	Tukiendorf Training Institute (TTI)	11
511009	Tukiendorf Training Institute(1)	11
511009	Tukiendorf Training Institute(1)	11
511011	Delmon Medical College	11
511011	Midwestern Career College	11
511011	Midwestern Career College	11
511011	Naperville	11
511011	National College of Health	11
511011	National College of Health, Inc	11
511011	National College of Health, Inc	11
511011	Northeastern Illinois University	11
511011	Tukiendorf Training Institute	11
511011	Tukiendorf Training Institute	11
511011	Tukiendorf Training Institute	11
511011	Tukiendorf Training Institute (TTI)	11
511011	Tukiendorf Training Institute (TTI)	11
511011	Tukiendorf Training Institute (TTI)	11
511011	Tukiendorf Training Institute (TTI)	11
511011	Tukiendorf Training Institute (TTI)	11
511011	Tukiendorf Training Institute(1)	11
511011	Tukiendorf Training Institute(1)	11
511011	Tukiendorf Training Institute(1)	11

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511011	Tukiendorf Training Institute(1)	11
511012	Elgin Comm. College District #509	14
511012	Harper College	11
511099	National College of Health	11
511099	National College of Health, Inc	11
511099	National College of Health, Inc	11
511102	College Of DuPage	14
511501	College of Lake County	1
511501	College of Lake County	11
511501	Elgin Comm. College District #509	1
511501	Elgin Comm. College District #509	11
511501	Kennedy King College	14
511502	Elgin Comm. College District #509	1
511502	Elgin Comm. College District #509	11
511599	Humboldt Park Vocational Center-Wright College	10
511599	Kennedy King College	1
511599	Kennedy King College	1
511802	College Of DuPage	10
511802	Triton College	10
512099	Harper College	35
512099	Harper College	35
512208	College Of DuPage	10
512308	Triton College	11
512399	Triton College	11
512602	College Of DuPage	10
512602	College of Lake County	35
512699	Verve College	27
512699	Verve College	27
513801	Ambria College of Nursing	7
513801	Ambria College of Nursing	28
513801	Chamberlain University	7
513801	Chamberlain University	7
513801	College Of DuPage	28
513801	College of Lake County	1
513801	Elgin Comm. College District #509	1
513801	Harper College	1
513801	Harper College	10
513801	Malcolm X College	27
513801	Morton College	1
513801	Olivet Nazarene University - Oak Brook	7
513801	Rush-Copley Medical Center	12
513801	Waubensee Community College	12

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513803	College Of DuPage	10
513803	New Lake College	27
513901	Ambria College of Nursing	20
513901	Americare Technical School	27
513901	Aquarius Institute Of Computer Sciences	27
513901	ATS Institute of Technology	11
513901	Great Paragon Health Services Inc.	27
513901	Harper College	11
513901	Harper College	27
513901	Harper College	27
513901	Illinois College of Nursing	31
513901	Malcolm X College	27
513901	Moraine Valley Community College	1
513901	Nirvana Institute	27
513901	Nirvana Institute	27
513901	North Shore College	11
513901	Verve College	11
513901	Verve College	11
513902	A Plus Healthcare Training	11
513902	AACF/KAM Institute of Technology & Health	27
513902	Americare Technical School	27
513902	Avid CNA School	27
513902	Chicago Community Learning Center	27
513902	Chicago Community Learning Center - CCLC	11
513902	Chicago Community Learning Center - CCLC	27
513902	City College of Education	27
513902	College Of DuPage	10
513902	College Of DuPage	21
513902	College Of DuPage	21
513902	College of Lake County	11
513902	Delmon Medical College	27
513902	Elgin Comm. College District #509	11
513902	Elgin Comm. College District #509	11
513902	Harper College	11
513902	International Career Institute	11
513902	International Career Institute	27
513902	JCM III Corporation	11
513902	JCM III Corporation	11
513902	JCM III Corporation	27
513902	JCM III Corporation	27
513902	Magnificent Healthcare & CPR Inc	27
513902	Malcolm X College	11

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513902	Malcolm X College	11
513902	Moraine Valley Community College	27
513902	Morton College	11
513902	Triton College	11
513902	Tukiendorf Training Institute	11
513902	Tukiendorf Training Institute	11
513902	Tukiendorf Training Institute (TTI)	11
513902	Tukiendorf Training Institute (TTI)	11
513902	Tukiendorf Training Institute(1)	11
513902	Tukiendorf Training Institute(1)	11
513902	Waubensee Community College	14
513902	Waubensee Community College	30
513902	West-Side Learning Center	11
513902	Wright College	11
513999	A Plus Healthcare Training	29
513999	New Lake College	11
513999	State Career College	33
519999	JCM III Corporation	11
519999	JCM III Corporation	11
519999	JCM III Corporation	11
519999	JCM III Corporation	11
519999	National College of Health	11
519999	National College of Health, Inc	11
519999	National College of Health, Inc	11
520101	Columbia College	1
520201	College Of DuPage	10
520201	College Of DuPage	10
520201	College of Lake County	5
520201	College of Lake County	17
520201	Computer Training Institute of Chicago	11
520201	DePaul University	11
520201	DePaul University	11
520201	Directions Training Center, Inc	11
520201	Directions Training Center, Inc	11
520201	Directions Training Center, Inc	11
520201	Directions Training Center, Inc	11
520201	eConsulting Group, Inc	11
520201	eConsulting Group, Inc	11
520201	eConsulting Group, Inc	11
520201	eConsulting Group, Inc	11
520201	eConsulting Group, Inc.	11
520201	eConsulting Group, Inc.	11

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520201	Harper College	1
520201	Harper College Professional Center	10
520201	New Horizons	11
520201	New Horizons	11
520201	Northern Illinois University	7
520201	Northern Illinois University	35
520201	Triton College	11
520201	Wright College - North Campus	1
520201	Wright College - North Campus	10
520201	Wright College - North Campus	10
520203	DePaul University	11
520203	Harper College	10
520203	Harper College	10
520203	Harper College	11
520203	Harper College Apprenticeship Programs	1
520203	Harper College Professional Center	11
520203	Illinois Institute of Technology	35
520203	Illinois Institute of Technology	35
520203	Illinois Institute of Technology	35
520203	Illinois Institute of Technology	35
520203	Illinois Institute of Technology	35
520203	Illinois Institute of Technology	35
520203	Moraine Valley Community College	10
520203	Moraine Valley Community College	10
520203	Moraine Valley Community College	10
520203	Moraine Valley Community College	10
520203	Moraine Valley Community College	10
520204	College of Lake County	11
520204	Elgin Comm. College District #509	10
520204	Elgin Comm. College District #509	10
520204	Harper College Professional Center	11
520204	Harry S. Truman College	10
520204	IT Expert System, Inc	11
520204	IT Expert System, Inc	11
520204	LakeShore Campus	11
520204	MicroTrain Technologies	11
520204	MicroTrain Technologies	11

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520204	MicroTrain Technologies	11
520204	MicroTrain Technologies	35
520204	MicroTrain Technologies	35
520204	SOUTHLAKE EDUCATIONAL CTR (College of Lake County)	11
520208	Harper College	11
520211	Directions Training Center, Inc	11
520211	Directions Training Center, Inc	11
520211	eConsulting Group, Inc	11
520211	eConsulting Group, Inc	11
520211	eConsulting Group, Inc.	11
520211	Illinois Institute of Technology	11
520211	MicroTrain Technologies	11
520211	Northern Illinois University	11
520211	Northern Illinois University	11
520212	Harper College	11
520212	Hill Foodservice Consulting	11
520212	Moraine Valley Community College	10
520299	College Of DuPage	14
520299	College Of DuPage	14
520299	College Of DuPage	14
520299	College Of DuPage	14
520299	Computer Systems Institute	11
520299	Computer Training Institute of Chicago	11
520299	DePaul University	11
520299	DePaul University	11
520299	Directions Training Center, Inc	11
520299	eConsulting Group, Inc	11
520299	eConsulting Group, Inc	11
520299	eConsulting Group, Inc	11
520299	eConsulting Group, Inc	11
520299	eConsulting Group, Inc	35

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520299	eConsulting Group, Inc	35
520299	eConsulting Group, Inc.	11
520299	eConsulting Group, Inc.	11
520299	eConsulting Group, Inc.	35
520299	Midwestern Career College	1
520299	Midwestern Career College	1
520299	Midwestern Career College	1
520299	Midwestern Career College	1
520301	Arturo Velasquez Institute	10
520301	College of Lake County	2
520301	College of Lake County	35
520301	Elgin Comm. College District #509	1
520301	Harold Washington College	10
520301	Harper College	11
520301	Midwestern Career College	1
520301	Midwestern Career College	1
520301	Midwestern Career College	1
520301	Midwestern Career College	1
520301	Morton College	11
520301	Richard J Daley College	10
520301	Richard J Daley College	10
520301	SOUTHLAKE EDUCATIONAL CTR (College of Lake County)	2
520301	SOUTHLAKE EDUCATIONAL CTR (College of Lake County)	35
520302	College Of DuPage	1
520302	College Of DuPage	10
520302	College Of DuPage	14
520302	College Of DuPage	14
520302	Harper College	1
520302	Harper College	11
520302	Harper College	11
520302	Harper College	11
520302	Harry S. Truman College	10
520302	Harry S. Truman College	10
520302	Harry S. Truman College	10
520302	MicroTrain Technologies	11
520302	MicroTrain Technologies	11
520302	MicroTrain Technologies	11
520302	Moraine Valley Community College	10
520302	Morton College	11
520302	Triton College	11
520302	Waubensee Community College	1
520302	Wright College - North Campus	1

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520401	Computer Training Source, Inc.	11
520401	Computer Training Source, Inc.	11
520401	Harper College	10
520401	Harper College	11
520401	Harper College Professional Center	11
520401	Harry S. Truman College	11
520401	Hope Technology and Education Center	11
520401	Hope Technology and Education Center	11
520401	LakeShore Campus	11
520401	Management & Information Tech Solutions (MITS)	11
520401	Moraine Valley Community College	11
520401	Morton College	10
520401	SOUTHLAKE EDUCATIONAL CTR (College of Lake County)	11
520402	Computer Training Source, Inc.	11
520402	Computer Training Source, Inc.	11
520402	Computer Training Source, Inc.	11
520402	Computer Training Source, Inc.	11
520402	Elgin Comm. College District #509	1
520407	College of Lake County	11
520407	LakeShore Campus	11
520407	SOUTHLAKE EDUCATIONAL CTR (College of Lake County)	11
520407	Triton College	11
520408	America Business College, Inc	11
520408	America Business College, Inc	11
520408	America Business College, Inc	11
520408	Computer Training Source, Inc.	11
520408	Computer Training Source, Inc.	11
520408	Computer Training Source, Inc.	11
520408	Computer Training Source, Inc.	11
520409	College of Lake County	1
520409	College of Lake County	10
520409	College of Lake County	10
520409	LakeShore Campus	1
520409	LakeShore Campus	10
520409	LakeShore Campus	10
520409	SOUTHLAKE EDUCATIONAL CTR (College of Lake County)	1
520409	SOUTHLAKE EDUCATIONAL CTR (College of Lake County)	10
520409	SOUTHLAKE EDUCATIONAL CTR (College of Lake County)	10
520410	Harper College	11
520410	Harper College Professional Center	11
520411	Pyramid Partnership, Inc. Dba Pyramid Career Institute	11
520499	College Of DuPage	10

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520499	Harper College	10
520499	Harper College Professional Center	10
520499	Northpointe Resources	35
520601	Elgin Comm. College District #509	10
520701	College Of DuPage	10
520701	Elgin Comm. College District #509	10
520701	Illinois Institute of Technology	35
520701	Illinois Institute of Technology	35
520701	Illinois Institute of Technology	35
520701	Illinois Institute of Technology	35
520701	Illinois Institute of Technology	35
520701	Illinois Institute of Technology	35
520703	College of Lake County	11
520703	Elgin Comm. College District #509	10
520703	LakeShore Campus	11
520703	SOUTHLAKE EDUCATIONAL CTR (College of Lake County)	11
520801	Harper College Apprenticeship Programs	1
520803	Harold Washington College	10
520803	Harold Washington College	10
520803	Harper College	11
520899	eConsulting Group, Inc	11
520899	eConsulting Group, Inc	11
520899	eConsulting Group, Inc.	11
520901	Harper College	1
520901	Harper College	10
520901	Hill Foodservice Consulting	11
520901	Kennedy King College	1
520901	Kennedy King College	11
520904	College Of DuPage	10
520905	Hill Foodservice Consulting	11
520907	Hill Foodservice Consulting	11
520909	Hill Foodservice Consulting	11
521001	College Of DuPage	10
521001	DePaul University	11
521001	DePaul University	11
521001	DePaul University	35
521001	Harold Washington College	10
521001	Harper College	10
521001	Northern Illinois University	11

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521001	Northern Illinois University	11
521001	Northern Illinois University	11
521099	DePaul University	11
521099	DePaul University	11
521099	DePaul University	11
521099	DePaul University	11
521099	eConsulting Group, Inc	11
521099	eConsulting Group, Inc	11
521099	eConsulting Group, Inc.	11
521099	Harper College	10
521099	Harper College Professional Center	10
521099	Moraine Valley Community College	35
521099	Morton College	11
521099	Triton College	11
521201	Harper College Professional Center	11
521206	Management Info Tech Solutions, Inc.(MITS)	11
521206	Management & Information Tech Solutions (MITS)	11
521206	Management & Information Tech Solutions (MITS)	11
521206	Management & Information Technology Solutions (MITS)	11
521206	Management & Information Technology Solutions (MITS)	11
521206	Management and Information Tech Solutions (MITS)	11
521206	Management and Information Tech Solutions (MITS)	11
521206	MicroTrain Technologies	11
521206	MicroTrain Technologies	11
521206	MicroTrain Technologies	11
521299	Harper College Professional Center	11
521299	Northeastern Illinois University	11
521399	Arturo Velasquez Institute	10
521399	DePaul University	11
521399	DePaul University	11
521399	Richard J Daley College	10
521401	Directions Training Center, Inc	11
521401	Elgin Comm. College District #509	1
521401	Elgin Comm. College District #509	10
521499	Harold Washington College	10
521501	College of Lake County	27
521601	Harper College	10
521601	Northern Illinois University	35
521701	Harold Washington Community College	8
521701	Harper College Apprenticeship Programs	1
521801	College Of DuPage	1
521801	College Of DuPage	10

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521801	Harper College Professional Center	11
521804	College of Lake County	11
521804	LakeShore Campus	11
521804	SOUTHLAKE EDUCATIONAL CTR (College of Lake County)	11
521905	College Of DuPage	11
521910	Triton College	11
522001	College Of DuPage	1
522001	Dawson Technical Institute	1
529999	College Of DuPage	10
529999	College Of DuPage	10
529999	College Of DuPage	11
529999	College of Lake County	11
529999	COMNet Group Inc.	11
529999	COMNet Group Inc.	11
529999	COMNet Group Inc.	11
529999	eConsulting Group, Inc	35
529999	eConsulting Group, Inc	35
529999	eConsulting Group, Inc.	35
529999	Midwestern Career College	1
529999	Midwestern Career College	1
529999	Midwestern Career College	1
529999	Midwestern Career College	1