

CHSSN

*Community Health
And Social Services Network*
Réseau communautaire de santé
et de services sociaux

Baseline Data Report 2013-2014

**DEMOGRAPHIC PROFILE
OF THE ENGLISH-SPEAKING COMMUNITIES
OF CLSC MATAWINIE (14012)**

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**for the
Community Health and Social Services Network
(CHSSN)**

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Introduction

CHSSN: Networking and Partnership Initiative

The CHSSN Networking and Partnership Initiative Program¹ (NPI) contributes to the vitality of Quebec's English-speaking communities by developing partnerships with the public health and social service system to improve, develop, and maintain access to a full range of services for Quebec's English-speaking language minority.

The Program, a measure of "Canada's Roadmap for Linguistic Duality", funds the development of community networks within English-speaking communities that align with the territories served by Quebec's health and a social service centres (CSSS). A *community network* (often referred to as an *NPI network*) is a formal grouping of community, institutional and other partners within the health and social service sector. The network improves access to health and social services through collaboration with the public system, provision of information on community needs and priorities, support for the volunteer and community resources sector and the promotion of innovative services adapted to the needs of English-speaking people.

About the 2013-2014 report

This volume of the BDR series presents selected demographic characteristics of the English-speaking population residing in the CSSS territories of the areas covered by the organizations participating in the Networking and Partnership Initiative (NPI). The information presented is drawn from the 2011 National Household Survey (NHS) and organized by province, region and CSSS territory. The selection of characteristics is guided by their importance as determinants of the health status and vitality of Quebec's official language minority community.

Baseline Data Report Series

The Baseline Data Report Series is intended to serve as a resource that will allow local communities to better understand the demographic factors and health determinants affecting them and to assist institutional partners and community leaders in developing strategies to improve the well-being of their constituencies. The Baseline Data Report 2013-2014 (BDR) is the eleventh volume in the series. The full series and data source for each is presented in the table in Appendix "A".

Determinants of Health

National governments and health organizations around the world have identified a broad range of social, economic and environmental factors that have been demonstrated to have a strong influence on the health of populations and individuals. The Public Health Agency of Canada outlines various determinants of health – some of which are social determinants – such as income and social status, social support networks, education, employment and working

¹ http://www.chssn.org/En/Networking_Partnership.html

conditions, health services, physical and social environments, biology and genetic endowment, personal health practices and coping skills, healthy child development, gender and culture.²

Suggested Readings

Mikkonen, J., & Raphael, D. (2010). *Social Determinants of Health: The Canadian Facts*. Toronto: York University School of Health Policy and Management
<http://www.thecanadianfacts.org/>

Raphael, D. (2009). *Social Determinants of Health: Canadian Perspectives*, 2nd edition. Toronto: Canadian Scholars' Press.

World Health Organization (2008). *Closing the gap in a Generation: Health Equity through Action on the Social Determinants of Health*. Geneva: World Health Organization.

Methodological Notes

Data Source and Constraints

This report is based on a series of tables developed by the Community Health and Social Services Network (CHSSN) based on data from the 2011 National Household Survey (NHS).

It should be noted that there are differences between the 2011 National Household Survey (NHS) estimates and census counts. The 2011 Census of Population and the 2011 National Household Survey (NHS) both provide information on the Canadian population for various levels of geography and for numerous topics (e.g., demography, marital status, family and language) including characteristics associated with these topics. There are two reasons which explain the differences between the counts for the 2011 Census and the 2011 National Household Survey:

- the target population for the 2011 Census includes usual residents in collective dwellings and persons living abroad, whereas the target population for the NHS excludes them.
- the NHS estimates are derived from a sample survey and are therefore subject to sampling error and are also subject to potentially higher non-response error than in the census due to the survey's voluntary nature.

Given the limits to the NHS data mentioned above and due to the fact that cross-tabulations of small populations produce even smaller population counts which are unreliable for statistical analysis, profiles have not been produced for territories where the number of English speakers falls below 250 persons. In this 2013-2014 Baseline Data Report, profiles will be produced for 72

² Public Health Agency of Canada. "What Determines Health?" www.phac-aspc.gc.ca/ph-sp/determinants/index-eng.php Accessed March 2014.

CSSS territories and 83 CLSC territories. Data for individual sub-items (ex. Population living alone) is also suppressed when the count is less than 25.

Percentages may not always add up to 100% due to rounding.

Linguistic definitions

There are numerous linguistic definitions that are used to identify the English-speaking population in Québec. The choice of linguistic indicator depends largely on the issue being examined. This report uses the [First Official Language Spoken](#) (FOLS) definition with multiple responses proportionally distributed since it best reflects the total English-speaking health service users in the province. First Official Language Spoken is derived from three census questions: knowledge of official languages, mother tongue and home language. Dual responses are divided equally among English-speaking and French-speaking groups.

Other definitions include [Mother tongue](#) which refers to the first language learned at home in childhood and still understood. The [language most often spoken at home](#) is used to designate the home language. [Knowledge of official languages](#) indicates the official language in which a person can carry on a conversation. The [language used most often at work](#) indicates the language spoken most frequently at work.

Geographic Regions

The 2013-2014 Baseline Data Report consists of a series of stand-alone documents which present key data for the CSSS and CLSC territories in Quebec in which there are at least 250 English-speaking residents.

Demographic and Socio-economic Characteristics

The demographic and socio-economic variables addressed in the 2013-2014 BDR are:

- Population size
- Age structure
- Household living arrangements
- Educational attainment
- Labour force activity
- Income
- Low-income cut-off (LICO)

Statistics Canada Definitions

While for the most part the meanings of demographic and administrative terms are clarified as they arise in the report, the online Statistics Canada dictionary for the National Household Survey³ may also be consulted.

³ <http://www12.statcan.gc.ca/nhs-enm/2011/ref/dict/99-000-x2011001-eng.pdf>

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Demographic Size

Studies have confirmed that language barriers affect access and quality of care for linguistic minority communities. Obstacles to communication can reduce recourse to preventative services; increase consultation time including the number of tests and the possibility of diagnostic and treatment errors; affect the quality of services requiring effective communication such as social services; reduce the probability of treatment compliance and reduce users' satisfaction with the services received.⁴ In the complex context of a medical situation, where the communication between care provider and patient is a key factor in the achievement of a positive health outcome, it is not surprising that the language spoken most often is considered the most effective. The treatment by health professionals of sensitive issues such as cancer, addiction, or depression, requires ease of communication as a feature of building trust and offering comfort to patients.

Table 1 - Population Size

Population Size		RSS de Lanaudière	CSSS du Nord de Lanaudière	CLSC Matawinie
FOLS - English speakers	number	11,565	4,138	2,395
	percentage	2.5%	2.1%	4.9%
FOLS - French speakers	number	453,790	194,665	46,050
	percentage	97.6%	97.9%	94.8%
Total population	number	464,980	198,940	48,555
	percentage	100.0%	100.0%	100.0%

Source: Statistics Canada, 2011 National Household Survey. The linguistic concept used is First Official Language Spoken with multiple responses proportionately distributed between the English and the French.

- Across the RSS de Lanaudière, there were 11,565 English speakers, representing 2.5% of the regional population.
- There were 4,138 English speakers living in the CSSS du Nord de Lanaudière territory where they represented 2.1% of the population. This share is lower than the overall regional share for English speakers.
- In CLSC Matawinie, we find 2,395 English speakers where they represented 4.9% of the population. This proportion is much higher than that represented by English speakers across the CSSS du Nord de Lanaudière territory.

⁴ See Bowen, S. (2001). Language Barriers in Access to Health Care, Ottawa: Health Canada. And, Bowen, S. et al. (2010). From 'multicultural health' to 'knowledge translation' – rethinking strategies to promote language access within a risk management framework. *The Journal of Specialized Translation (Jostrans)*, Issue 14, http://www.jostrans.org/issue14/art_bowen.php. See also, Jacobs, E, and A. Chen, L. Karliner, N. Agger-Gupta & S. Mutha. (2006). "The Need for More Research on Language Barriers in Health Care: A Proposed Research Agenda". *The Millbank Quarterly*, Vol. 84, No. 1, pp. 111-133.

Age Structure

The distribution of the English-speaking population across age categories, and the extent to which language majority and minority communities differ in accordance to age, is important in understanding their distinct health needs and resources. Each stage of life tends to be associated with specific health and social service needs. The strategy for meeting these needs by public agencies must also take the age and age-related competencies of the client group into consideration. Typically, the age structure of the majority is important in shaping the scope and design of available health services and programs. Improving the health and the vitality of all citizens residing in a given territory requires awareness of the problems that are pressing for the minority and may be overlooked in the focus on the majority, and, awareness of problems that are shared by both language groups but are being met with solutions that are not equally accessible for both.

Table 2 - Age Structure of the Population

Age Structure of the Population	RSS de Lanaudière		CSSS du Nord de Lanaudière		CLSC Matawinie	
	English	French	English	French	English	French
Total - Age groups	11,565	453,790	4,138	194,665	2,395	46,050
0-14 years	1,465	78,655	430	30,050	243	6,015
15-24 years	1,398	58,835	405	23,010	180	4,890
25-44 years	3,445	114,145	968	44,805	418	8,860
45-64 years	3,713	142,480	1,360	65,110	823	17,440
65+ years	1,538	59,675	975	31,700	728	8,850

Source: Statistics Canada, 2011 National Household Survey. The linguistic concept used is First Official Language Spoken with multiple responses proportionately distributed between the English and the French.

Children (aged 0-14)

- Across the RSS de Lanaudière, there were 1,465 English-speaking children aged 0-14, representing 12.7% of the English-speaking population. The proportion of children in the English-speaking population is much lower than the level in the French-speaking majority population in the RSS de Lanaudière region.
- There were 430 English-speaking children aged 0-14 living in CSSS du Nord de Lanaudière where they account for 10.4% of the population. The proportion of children in this territory's English-speaking population is much higher than their proportion in the French-speaking majority population. This proportion is lower than the level for English-speaking children across the region.
- In CLSC Matawinie, we find 243 English-speaking children aged 0-14 where they represent 10.1% of the population. This share is similar to that exhibited by English-speaking children across CSSS du Nord de Lanaudière. The proportion of children in the territory's English-speaking population is much lower than the share in the CLSC Matawinie French-speaking majority population.

Seniors (aged 65 and over)

- Across the RSS de Lanaudière, there were 1,538 English-speaking seniors aged 65+ representing 13.3% of the English-speaking population. The proportion of seniors in the English-speaking population is similar to that found in the French-speaking majority population in the RSS de Lanaudière region.
- There were 975 English-speaking seniors aged 65+ living in CSSS du Nord de Lanaudière where they accounted for 23.6% of the population. This share is much higher than that of English-speaking seniors across the RSS de Lanaudière. The proportion of seniors in this territory's English-speaking population is much higher than their proportion in the French-speaking majority population.
- In CLSC Matawinie, we find 728 English-speaking seniors aged 65+ where they account for 30.4% of the population. This share is much higher than that of English-speaking seniors across CSSS du Nord de Lanaudière. The proportion of seniors in the English-speaking population of CLSC Matawinie is much higher than the proportion in the French-speaking majority population.

Income

Long-standing and substantial research provides evidence that income and social status are key determinants of the level of health and well-being experienced by communities and their members. Low-income Canadians are more likely to die earlier and to suffer more illnesses than Canadians with higher incomes, regardless of age, sex, race and place of residence.⁵ For vulnerable low-income households language barriers in access to public health services loom large as they cannot afford private care services nor are they likely to have access to work-related benefits or private insurance coverage. Studies also suggest that the distribution of income in a given society may be a more important determinant of health than the total amount of income earned by society members. Large gaps in income distribution lead to increases in social problems and poorer health among the population as a whole⁶.

Table 3 - Income

Population 15+ years, by Income Group	RSS de Lanaudière		CSSS du Nord de Lanaudière		CLSC Matawinie	
	English	French	English	French	English	French
Population 15+ by total income	10,100	375,135	3,708	164,615	2,153	40,035
Less than \$20,000	4,153	146,290	1,810	71,430	1,033	18,550
\$20,000 - \$49,999	3,740	147,750	1,400	67,300	853	15,870
\$50,000 +	2,208	81,100	493	25,890	268	5,615

Source: Statistics Canada, 2011 National Household Survey. The linguistic concept used is First Official Language Spoken with multiple responses proportionately distributed between the English and the French.

Income under \$20k

- Across the RSS de Lanaudière, there were 1,538 English-speaking seniors aged 65+ representing 13.3% of the English-speaking population. The proportion of seniors in the English-speaking population is similar to that found in the French-speaking majority population in the RSS de Lanaudière region.
- There were 975 English-speaking seniors aged 65+ living in CSSS du Nord de Lanaudière where they accounted for 23.6% of the population. This share is much higher than that of English-speaking seniors across the RSS de Lanaudière. The proportion of seniors in this territory's English-speaking population is much higher than their proportion in the French-speaking majority population.

⁵ Public Health Agency of Canada, <http://www.phac-aspc.gc.ca/ph-sp/determinants/determinants-eng.php#evidence> Accessed March 2014

⁶ Ibid

- In CLSC Matawinie, we find 728 English-speaking seniors aged 65+ where they account for 30.4% of the population. This share is much higher than that of English-speaking seniors across CSSS du Nord de Lanaudière. The proportion of seniors in the English-speaking population of CLSC Matawinie is much higher than the proportion in the French-speaking majority population.

Earning \$50k and over

- Across the RSS de Lanaudière, there were 2,208 English speakers with income over \$50k who represented 21.9% of the English-speaking population aged 15 and over. The proportion of high earners in the English-speaking population is similar to that found in the French-speaking majority population the RSS de Lanaudière region.
- There were 493 English speakers with income over \$50k living in CSSS du Nord de Lanaudière where they represented 13.3% of the population. This proportion was much lower than the proportion of English-speaking high earners across the RSS de Lanaudière. The proportion of high earners in the English-speaking population is lower than the share of high earners in the French-speaking majority population in CSSS du Nord de Lanaudière.
- In CLSC Matawinie, we find 268 English-speaking high earners where they represent 12.4% of the population. This share is lower than that experienced by English-speaking high earners across CSSS du Nord de Lanaudière. The proportion of high earners in the territory's English-speaking population is lower than the proportion of high earners in the territory's French-speaking majority population.

Household Living Arrangements

Household living arrangements may be used as an indicator of groups within a population who are vulnerable to a poor health status. For example, the Quebec Social and Health Survey (1998) revealed that parents of minors living in lone parent households were more likely to report food insecurity, high levels of psychological distress and having more than one health problem compared to parents with other household arrangements.⁷ Individuals living alone may lack the important health benefits of a strong support network in the event of activity limitations due to illness or aging.

Table 4 - Population by Household Living Arrangements

Population by Household Living Arrangements	RSS de Lanaudière		CSSS du Nord de Lanaudière		CLSC Matawinie	
	English	French	English	French	English	French
Total - Household living arrangements	10,095	375,140	3,703	164,615	2,153	40,035
Total persons in households with at least one census family	8,635	316,445	2,873	133,075	1,640	32,060
Married spouses, common-law partners	6,415	228,560	2,210	98,475	1,300	24,740
Lone parents	468	21,015	183	8,775	65	1,755
Children in families with two parents present	1,178	41,700	290	15,270	188	3,530
Children in families with one parent present	433	17,575	165	7,160	68	1,365
Total persons in non-census family households	1,458	58,690	840	31,545	505	7,975
Living with non-relatives only	160	8,520	80	4,215	40	900
Living alone	1,205	47,205	700	25,635	465	6,630

Source: Statistics Canada, 2011 National Household Survey. The linguistic concept used is First Official Language Spoken with multiple responses proportionately distributed between the English and the French.

⁷ For discussion of the survey, see Pocock, J. (2008) "Baseline Data Report 2007-2008. Quebec's Social and Health Survey Information." *Community Health and Social Services Network (CHSSN)*. www.chssn.org

Living in census families⁸

- Across the RSS de Lanaudière, there were 8,635 English speakers living in households with at least one census family. This group represents 85.5% of the 15+ English-speaking population. The proportion of English speakers living in households with at least one census family is similar to that found in the French-speaking majority population in the RSS de Lanaudière region.
- There were 2,873 English speakers living in households with at least one census family in CSSS du Nord de Lanaudière where they comprise 77.6% of the population. This share is lower than that displayed by the English-speaking population across the RSS de Lanaudière. The proportion of those living in households with at least one census family in CSSS du Nord de Lanaudière's English-speaking population is similar to the proportion in the French-speaking majority population.
- In CLSC Matawinie, we find 1,640 English speakers living in households with at least one census family where they account for 76.2% of the population. This share is similar to that accounted for by English speakers across CSSS du Nord de Lanaudière. The proportion of persons living in households with at least one census family in the CLSC Matawinie English-speaking population is similar to the proportion represented by the French-speaking majority population in this territory.

Living in lone-parent families

- Across the RSS de Lanaudière, there were 468 English speakers living in lone-parent families. This group represents 4.6% of the English-speaking population. The proportion of English speakers living in lone-parent families is lower than the proportion found in the French-speaking majority population in the RSS de Lanaudière region.
- There were 183 English speakers living in lone-parent families in CSSS du Nord de Lanaudière where they account for 4.9% of the population. The proportion of those living in lone-parent families in this territory's English-speaking population is lower than the proportion found in the French-speaking majority population. The proportion is higher than that found in the RSS de Lanaudière English-speaking population.
- In CLSC Matawinie, we find 65 English speakers living in lone-parent families where they represent 3.0% of the population. This is lower than the proportion represented by the French-speaking majority population in this territory. The proportion of English speakers living in lone-parent families in the CLSC Matawinie English-speaking population is higher than the proportion we find for English speakers across CSSS du Nord de Lanaudière.

⁸ Under Statistics Canada's terminology, a census family refers "a married couple (with or without children of either and/or both spouses), a common-law couple (with or without children of either and/or both partners) or a lone parent of any marital status, with at least one child. A couple may be of opposite sex or same sex. 'Children' in a census family include grandchildren living with their grandparent(s) but with no parents present." (<http://www12.statcan.gc.ca/nhs-enm/2011/ref/dict/99-000-x2011001-eng.pdf>)

Living alone

- Across the RSS de Lanaudière, there were 1,205 English speakers living alone. This group represents 11.9% of the English-speaking population. The proportion of English speakers living alone is lower than the level in the French-speaking majority population in the RSS de Lanaudière region.
- There were 700 English speakers living alone in CSSS du Nord de Lanaudière where they account for 18.9% of the population. This level is much higher than that displayed by the regional English speaking population. The proportion of those living alone in the CSSS du Nord de Lanaudière English speaking population is much higher than the proportion found in the French-speaking majority population.
- In CLSC Matawinie, we find 465 English speakers living alone where they represent 21.6% of the population. This share is higher than that exhibited by English speakers across CSSS du Nord de Lanaudière. The proportion of those living alone in the CLSC Matawinie English speaking population is much higher than the proportion exhibited by the French-speaking majority population in this territory.

Low-Income Cut-off

Although there is no official measure of poverty in Canada, the Statistics Canada measure of Low Income Cut-Offs (LICO) is probably the best known. Commonly known as the “poverty line”, LICO uses the income levels of a given family and considers how large a share of its income is spent on necessities such as food, shelter and clothing. If the amount a family spends is 20% higher than an average family in a year, it falls into the low income cut-off category. People who live below income cut-offs may be said to live in “straitened circumstances.”⁹ The following table considers the population living below LICO by language, administrative territory and age group.

Table 5 - Population Living Below LICO, Within Age Groups

Population Living Below the Low-Income Cut-off (LICO), Across Age Groups	RSS de Lanaudière		CSSS du Nord de Lanaudière		CLSC Matawinie	
	English	French	English	French	English	French
Total - Age groups	938	34,975	363	15,880	115	3,665
15-24 years	845	29,255	335	13,500	100	3,320
45-64 years	393	12,675	208	6,990	85	1,985

Source: Statistics Canada, 2011 National Household Survey. The linguistic concept used is First Official Language Spoken with multiple responses proportionately distributed between the English and the French. The percentages given here compare the number below LICO in a given age group with the total number in that age group as presented in "Table 2 - Age Structure of the Population" of this document.

Population living below the low income cut-off (LICO)

- Across the RSS de Lanaudière, there were 938 English speakers living below LICO. This group accounts for 8.1% of the English-speaking population. The proportion of English speakers living below LICO is higher than the proportion in the French-speaking majority population in the RSS de Lanaudière region.
- There were 363 English speakers living below LICO in CSSS du Nord de Lanaudière where they represent 8.8% of the English-speaking population. The proportion of those living below LICO in CSSS du Nord de Lanaudière's English-speaking population is higher than the proportion found in the French-speaking majority population. This English-speaking proportion in CSSS du Nord de Lanaudière is higher than the proportion for the region's English speakers in general.
- In CLSC Matawinie, we find 115 English speakers living below LICO where they represent 4.8% of the English-speaking population. This level is much lower than the proportion for the French-speaking majority population in the same territory. The proportion of those living below LICO in the territory's English-speaking population is much lower than the proportion for English speakers across CSSS du Nord de Lanaudière.

⁹ See “Low Income in Canada: 2000-2007 Using the Market Basket Measure” August 2009 by Human Resources and Skills Development Canada for a breakdown on various Low Income Measurements. Available online at <http://www.hrsdc.gc.ca/eng/publications>

Children (0-14) Living below the low income cut-off (LICO)

- Across the RSS de Lanaudière, there were 95 English-speaking children living below LICO. This group represents 6.5% of the population of children. The proportion of English-speaking children living below LICO is lower than the proportion found for children in the French-speaking majority population in the RSS de Lanaudière region.
- There were 20 English-speaking children living below LICO in the CSSS du Nord de Lanaudière where they account for 4.7% of the children in the territory's English-speaking population. The proportion of children living below LICO in the territory's English-speaking population is much lower than the proportion in the French-speaking majority children's population. This proportion is much lower than that displayed by English-speaking children across the region.
- In CLSC Matawinie, we find 15 English-speaking children living below LICO where they represent 6.2% of the English-speaking children's population. This proportion is higher than the proportion experienced by children in the French-speaking majority in the same territory. The proportion of children living below LICO in the territory's English-speaking population is much higher than the proportion experienced by English-speaking children across CSSS du Nord de Lanaudière.

Seniors (65+) Living below the low income cut-off (LICO)

- Due to low population count, this data is not available for this territory.

Table 6 - Population Living Below LICO, by Household Living Arrangements

Population Living Below the Low-Income Cut-off Level, by Household Living Arrangements	RSS de Lanaudière		CSSS du Nord de Lanaudière		CLSC Matawinie	
	English	French	English	French	English	French
Total - Household living arrangements	845	29,255	335	13,500	100	3,320
Total persons in households with at least one census family	578	16,080	205	6,965	40	1,715
Married spouses, common-law partners	320	8,820	120	3,920	35	1,050
Total persons in non-census family households	263	13,175	130	6,540	55	1,610
Living alone	225	9,960	100	4,815	50	1,165

Source: Statistics Canada, 2011 National Household Survey. The linguistic concept used is First Official Language Spoken with multiple responses proportionately distributed between the English and the French. The percentages given here compare the number below LICO in a given household living arrangement with the total number in that arrangement as presented in "Table 4 - Household Living Arrangements" in this document.

Persons in Census Family Households living below the low income cut-off (LICO)

- Across the RSS de Lanaudière, there were 578 English-speaking persons in census family households living below LICO. This group represents 6.7% of the English-speaking population in census family households. The proportion of English-speaking persons in census family households living below LICO is much higher than the proportion found in the French-speaking majority population in this region living below LICO in census family households.
- There were 205 English-speaking persons in census family households living below LICO in CSSS du Nord de Lanaudière where they represent 7.1% of the regional English-speaking population. The proportion of persons in census family households living below LICO in the CSSS du Nord de Lanaudière English-speaking population is much higher than the proportion in the French-speaking majority population. The proportion in the territory's English-speaking population is higher than that found in the regional English-speaking population.
- In CLSC Matawinie, we find 40 English-speaking persons in census family households living below LICO where they account for 2.4% of the English-speaking population. This level is much lower than the proportion experienced by the French-speaking majority population in the same territory. The proportion of those persons in census family households living below LICO in the territory's English-speaking population is much lower than the proportion found in the English-speaking population of CSSS du Nord de Lanaudière.

Persons in Lone-Parent Families Living below the low income cut-off (LICO)

- Across the RSS de Lanaudière, there were 95 English-speaking persons in lone-parent families living below LICO. This group represents 20.3% of the English-speaking population living in lone-parent families. The proportion of English-speaking persons in lone-parent families living below LICO is much higher than the proportion found in the French-speaking majority population in the RSS de Lanaudière living in lone parent families.
- There were 35 English-speaking persons in lone-parent families living below LICO in CSSS du Nord de Lanaudière where they account for 19.1% of the territory's English-speaking lone-parent family population. The proportion of persons in lone-parent families living below LICO in the English-speaking population of CSSS du Nord de Lanaudière is much higher than the proportion in the French-speaking majority population. The level for the English-speaking territory's population is lower than that found in the regional English-speaking population.

Persons living alone and living below the low income cut-off (LICO)

- Across the RSS de Lanaudière, there were 225 English-speaking persons living alone and below LICO. This group represents 18.7% of the English-speaking population living alone. The proportion of English-speaking persons living alone and below LICO is lower than that found in the region's French-speaking majority population living alone.
- There were 100 English-speaking persons living alone and below LICO in CSSS du Nord de Lanaudière where they account for 14.3% of the English-speaking population living alone. The proportion of those persons living alone and below LICO in the territory's English-speaking population is much lower than the proportion in the French-speaking majority population. This English-speaking proportion is much lower than that experienced by the RSS de Lanaudière's English-speaking population.
- In CLSC Matawinie, we find 50 English-speaking persons living alone and below LICO where they represent 10.8% of the English-speaking population living alone. This is much lower than the proportion experienced by the French-speaking majority population living alone in the same territory. The proportion of those persons living alone and below LICO in the territory's English-speaking population is much lower than the proportion experienced by English speakers across the CSSS du Nord de Lanaudière territory.

Highest Educational Attainment

In many ways, education is an important determinant of the health status of a community. In Canada, the level of education achieved by an individual tends to be an indicator of social status, and ideally, a predictor of economic opportunity. The overall level of health literacy and preventative health practice enjoyed by a community also tends to be associated with the years of schooling by those included among its members¹⁰.

Table 7 - Highest Educational Certification, for Selected Age Groups

Highest Educational Certification, by Selected Age Groups		RSS de Lanaudière		CSSS du Nord de Lanaudière		CLSC Matawinie	
		English	French	English	French	English	French
Total	Total	10,095	375,140	3,703	164,615	2,153	40,035
	25-44 years	3,445	114,145	963	44,805	410	8,855
	45-64 years	3,713	142,480	1,363	65,105	823	17,445
High school diploma or less	Total	4,913	183,790	2,028	86,945	1,178	21,245
	25-44 years	1,063	35,755	420	16,720	130	3,590
	45-64 years	1,763	66,965	663	32,530	410	8,420
Apprenticeship or trades certificate or diploma	Total	1,760	77,320	620	34,635	393	8,355
	25-44 years	680	30,575	195	12,560	110	2,460
	45-64 years	773	31,570	305	14,930	198	4,135
College, CEGEP or other non-university certificate or diploma	Total	1,650	60,280	488	23,895	268	5,505
	25-44 years	853	24,180	173	8,565	100	1,585
	45-64 years	525	23,040	188	9,750	98	2,445
University certificate or diploma below bachelor level	Total	393	15,130	110	5,370	83	1,390
	45-64 years	175	6,815	30	2,470	25	730
University certificate, diploma or degree at bachelor level or above	Total	1,383	38,610	455	13,770	235	3,535
	25-44 years	720	18,995	155	5,675	65	960
	45-64 years	470	14,090	178	5,425	98	1,705
High school diploma or less	Total	48.7%	49.0%	54.8%	52.8%	54.7%	53.1%
	25-44 years	30.9%	31.3%	43.6%	37.3%	31.7%	40.5%
	45-64 years	47.5%	47.0%	48.6%	50.0%	49.8%	48.3%
Apprenticeship or trades certificate or diploma	Total	17.4%	20.6%	16.7%	21.0%	18.3%	20.9%
	25-44 years	19.7%	26.8%	20.2%	28.0%	26.8%	27.8%
	45-64 years	20.8%	22.2%	22.4%	22.9%	24.1%	23.7%
College, CEGEP or other non-university certificate or diploma	Total	16.3%	16.1%	13.2%	14.5%	12.4%	13.8%
	25-44 years	24.8%	21.2%	18.0%	19.1%	24.4%	17.9%
	45-64 years	14.1%	16.2%	13.8%	15.0%	11.9%	14.0%
University certificate or diploma below bachelor level	Total	3.9%	4.0%	3.0%	3.3%	3.9%	3.5%
	25-44 years	3.8%	4.1%	3.1%	2.9%	1.2%	3.0%
	45-64 years	4.7%	4.8%	2.2%	3.8%	3.0%	4.2%
University certificate, diploma or degree at bachelor level or above	Total	13.7%	10.3%	12.3%	8.4%	10.9%	8.8%
	25-44 years	20.9%	16.6%	16.1%	12.7%	15.9%	10.8%
	45-64 years	12.7%	9.9%	13.1%	8.3%	11.9%	9.8%

Source: Statistics Canada, 2011 National Household Survey. The linguistic concept used is First Official Language Spoken with multiple responses proportionately distributed between the English and the French.

¹⁰ For further discussion of education as a health determinant and the Population Health Model see J. Carter, A Community Guide to the Population Health Approach. *Community Health and Social Services Network (CHSSN)*, www.chssn.org, March 2003. See Also, D. Raphael. (ed.) (2009) *Social Determinants of Health: Canadian Perspectives*, 2nd edition. Toronto: Canadian Scholar's Press.

Population aged 15+, high school diploma or less

- Across the RSS de Lanaudière, there were 4,913 English speakers aged 15 and over with a high school diploma or less. This group accounts for 48.7% of the English-speaking population aged 15 and over. The proportion of English speakers aged 15 and over with a high school diploma or less is similar to the level found in the French-speaking majority population aged 15 and over across the region.
- There were 2,028 English speakers aged 15 and over with a high school diploma or less in CSSS du Nord de Lanaudière where they account for 54.8% of the territory's English-speaking population aged 15 and over. The proportion of those aged 15 and over with a high school diploma or less in the territory's English-speaking population is similar to the proportion in the French-speaking majority population. The level for the territory's English-speaking proportion is higher than that exhibited by English speakers across the RSS de Lanaudière.
- In CLSC Matawinie, we find 1,178 English speakers aged 15 and over with a high school diploma or less where they represent 54.7% of the English-speaking population aged 15 and over. This level is similar to the proportion exhibited by the French-speaking majority population aged 15 and over in the same territory. The proportion of those aged 15 and over with a high school diploma or less in the English-speaking population is similar to the proportion exhibited by the English speakers across the CSSS du Nord de Lanaudière territory.

Population 25-44, high school diploma or less

- Across the RSS de Lanaudière region, there were 1,063 English speakers aged 25-44 with a high school diploma or less. This group represents 30.9% of the regional English-speaking population aged 25 to 44. The proportion of English speakers aged 25-44 with a high school diploma or less is similar to that found in the regional French-speaking majority population in the same age cohort.
- There were 420 English speakers aged 25-44 with a high school diploma or less in CSSS du Nord de Lanaudière where they account for 43.6% of the territory's English-speaking population. The proportion of those aged 25-44 with a high school diploma or less in the English-speaking population is higher than the proportion in the territory's French-speaking majority population in that age group. This proportion is much higher than that exhibited by English speakers across the RSS de Lanaudière region in the same age cohort.
- In CLSC Matawinie, we find 130 English speakers aged 25-44 with a high school diploma or less where they comprise 31.7% of the English-speaking 25-44 cohort. This is much lower than the proportion in the French-speaking majority 25-44 cohort in the same territory. The proportion of those aged 25-44 with a high school diploma or less in the territory's English-speaking population is much lower than the proportion exhibited by English speakers across the CSSS du Nord de Lanaudière territory.

Population 45-64, high school diploma or less

- In the RSS de Lanaudière, there were 1,763 English-speaking aged 45-64 with a high school diploma or less. This group represents 47.5% of the English-speaking population. The proportion of English speakers aged 45-64 with a high school diploma or less is similar to that found in the same age cohort of the regional French-speaking majority population.
- There were 663 English speakers aged 45-64 with a high school diploma or less in the CSSS du Nord de Lanaudière territory where they account for 48.6% of the English-speaking population there. The proportion of those aged 45-64 with a high school diploma or less in this territory's English-speaking population is similar to the proportion in the territory's French-speaking majority population. This English-speaking proportion is similar to that exhibited by the RSS de Lanaudière region's English speakers.
- In CLSC Matawinie, we find 410 English speakers aged 45-64 with a high school diploma or less where they comprise 49.8% of the English-speaking population. This is similar to the proportion exhibited by the French-speaking majority population in the same territory. The proportion of those aged 45-64 with a high school diploma or less in the territory's English-speaking population is similar to the proportion exhibited by English speakers across the CSSS du Nord de Lanaudière territory.

Population aged 15+, university degree or higher

- In the RSS de Lanaudière, there were 1,383 English-speaking aged 15 and over with a university degree or higher. This group represents 13.7% of the English-speaking population. The proportion of English speakers aged 15 and over with a university degree or higher is much higher than that found in the same age cohort in the French-speaking majority population in the RSS de Lanaudière region.
- There were 455 English speakers aged 15 and over with a university degree or higher in the CSSS du Nord de Lanaudière territory where they account for 12.3% of the territory's English-speaking population. The proportion of those aged 15 and over with a university degree or higher in the territory's English-speaking population is much higher than the proportion in the French-speaking majority population. This English-speaking proportion is lower than that exhibited by the RSS de Lanaudière region's English speakers.
- In CLSC Matawinie, we find 235 English speakers aged 15 and over with a university degree or higher where they represent 10.9% of the English-speaking population. This is much higher than the proportion exhibited by the French-speaking majority population in the same territory. The proportion of those aged 15 and over with a university degree or higher in the territory's English-speaking population is lower than the proportion exhibited by English speakers across CSSS du Nord de Lanaudière.

Population 25-44, university degree or higher

- In the RSS de Lanaudière, there were 720 English speakers aged 25-44 with a university degree or higher. This group accounts for 20.9% of the English-speaking population. The proportion of English speakers aged 25-44 with a university degree or higher is much higher

than that found in the same age cohort in the French-speaking majority population across the region.

- There were 155 English speakers aged 25-44 with a university degree or higher in CSSS du Nord de Lanaudière where they represent 16.1% of the territory's English-speaking population. The proportion of those aged 25-44 with a university degree or higher in this territory's English-speaking population is much higher than the proportion in the French-speaking majority population. This territory's English-speaking proportion is much lower than that exhibited by English speakers across the RSS de Lanaudière region.
- In CLSC Matawinie, we find 65 English speakers aged 25-44 with a university degree or higher where they comprise 15.9% of the English-speaking population. This is much higher than the proportion exhibited by the French-speaking majority population in the same territory. The proportion of those aged 25-44 with a university degree or higher in the territory's English-speaking population is similar to the proportion exhibited by English speakers across CSSS du Nord de Lanaudière.

Population 45-64, university degree or higher

- Across the RSS de Lanaudière region, there were 470 English speakers aged 45-64 with a university degree or higher. This group represents 12.7% of the English-speaking population. The proportion of English speakers aged 45-64 with a university degree or higher is much higher than that found in the same age cohort in the RSS de Lanaudière region's French-speaking majority population.
- There were 178 English speakers aged 45-64 with a university degree or higher in CSSS du Nord de Lanaudière where they represent 13.1% of the English-speaking population. The proportion of those aged 45-64 with a university degree or higher in the territory's English-speaking population is much higher than the proportion in the French-speaking majority population. This territory's English-speaking proportion is similar to that exhibited by the region's English speakers.
- In CLSC Matawinie, we find 98 English speakers aged 45-64 with a university degree or higher where they comprise 11.9% of the English-speaking population. This level is much higher than the proportion exhibited by the French-speaking majority population in the same territory. The proportion of those aged 45-64 with a university degree or higher in the territory's English-speaking population is lower than the proportion exhibited by English speakers across CSSS du Nord de Lanaudière.

Labour Force Activity

The rate and type of labour force participation experienced by a community and its members is strongly associated with health status. In industrial nations like Canada, labour force activity is linked with level of income as well as the level of social integration enjoyed by a group.

Employment is an important source of social identity and a key context for the establishment of a social support network that extends beyond the workplace. For an individual, work is an important source of the self-esteem and sense of control typically associated with good mental health.¹¹

Table 8 - Labour Force Activity

Labour Force Activity	RSS de Lanaudière		CSSS du Nord de Lanaudière		CLSC Matawinie	
	English	French	English	French	English	French
Total - Labour force activity	10,095	375,140	3,703	164,615	2,153	40,035
In the labour force	6,585	247,460	1,880	98,690	980	21,755
Employed	6,080	231,870	1,665	91,065	898	19,530
Unemployed	513	15,595	210	7,625	88	2,225
Out of the labour force	3,503	127,675	1,828	65,925	1,168	18,280

Source: Statistics Canada, 2011 National Household Survey. The linguistic concept used is First Official Language Spoken with multiple responses proportionately distributed between the English and the French.

Unemployed

- Across the RSS de Lanaudière, there are 513 English speakers who are unemployed resulting in an unemployment rate of 7.8%. The unemployment rate of the region's English speakers is much higher than the unemployment rate of the French-speaking majority.
- There are 210 unemployed English speakers in the CSSS du Nord de Lanaudière territory where they experience an unemployment rate of 11.2%. The unemployment rate of the territory's English-speaking population is much higher than the unemployment rate in the French-speaking majority population. Their unemployment rate is much higher than that experienced by the region's English-speaking population.
- In CLSC Matawinie, we find 88 unemployed English speakers resulting in an unemployment rate of 9.0%. This is lower than the unemployment rate experienced by the French-speaking majority population in the same territory. The unemployment rate of the English-speaking population is lower than the unemployment rate experienced by English speakers across CSSS du Nord de Lanaudière.

¹¹ For further discussion of employment and working conditions as health determinants and the Population Health Model see J. Carter, A Community Guide to the Population Health Approach, Community Health and Social Services Network (CHSSN), www.chssn.org, March 2003. See also D. Raphael (ed.) (2009) Social Determinants of Health: Canadian Perspectives, 2nd Edition. Toronto: Canadian Scholar's Press.

Out of the labour force¹²

- Across the RSS de Lanaudière, there were 3,503 English speakers out of the labour force. This group represents 34.7% of the English-speaking population aged 15+. The proportion of English speakers out of the labour force is similar to that found in the regional French-speaking majority population aged 15 and over.
- There were 1,828 English speakers out of the labour force in the CSSS du Nord de Lanaudière territory where they comprise 49.4% of the English-speaking population aged 15+. The proportion of those out of the labour force in the territory's English-speaking population is much higher than the proportion in the French-speaking majority population. This territory's English-speaking proportion is much higher than that exhibited by the region's English-speaking population.
- In CLSC Matawinie, we find 1,168 English speakers aged 15+ out of the labour force where they account for 54.2% of the English-speaking population. This is lower than the proportion exhibited by the French-speaking majority population in the same territory. The proportion of those out of the labour force in this territory's English-speaking population is higher than the proportion exhibited by English speakers across CSSS du Nord de Lanaudière.

¹² The Statistics Canada category "[out of the labour force](http://www12.statcan.gc.ca/nhs-enm/2011/ref/dict/99-000-x2011001-eng.pdf)" refers to persons 15 years and over, excluding institutional residents, who were neither employed nor unemployed during the week of Sunday May 1 to Saturday May 7, 2011. It includes students, homemakers, retired workers, and seasonal workers in an "off" season who were not looking for work because of a long-term illness or disability. (<http://www12.statcan.gc.ca/nhs-enm/2011/ref/dict/99-000-x2011001-eng.pdf>)

Appendix “A” – Baseline Data Report Series

Year	Title	Data Source
2003-2004	Regional Profiles of English-speaking Communities	2001 Census
2004-2005	Profiles of English-speaking Communities In Selected CLSC Territories	2001 Census
2005-2006	English-Language Health and Social Services Access in Québec	2005 CHSSN-CROP Survey on Community Vitality
2006-2007	Community Network Building	Case studies (qualitative interviews)
2007-2008	Health and Social Survey Information on Quebec's English-speaking Communities	1998 Québec Health and Social Survey
2008-2009	Regional Profiles of Quebec’s English-speaking Communities: Selected 1996-2006 Census Findings	1996 and 2006 Census
2009-2010	Demographic Profiles of Quebec’s English-speaking Communities for Selected CSSS Territories	1996 and 2006 Census
2010-2011	English-Language Health and Social Services Access in Québec	2010 CHSSN-CROP Survey on Community Vitality
2011-2012	Socio-economic Profiles of English-speaking Visible Minority Population by Quebec Health Region	2006 Census of Canada
2012-2013	Quebec’s English-speaking Community Networks and their Partners in Public Health and Social Services	Survey of NPI groups and interviews
2013-2014	Demographic Profiles of the English-speaking Communities of Selected CSSS and CLSC Territories	2011 National Household Survey

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