



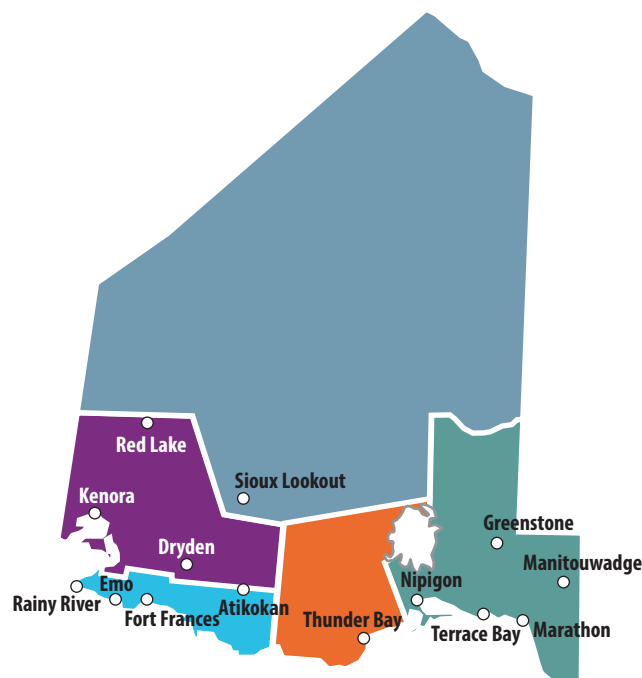
City of Thunder Bay Integrated District Network HEALTH PROFILE



OVERVIEW

This profile is one in a series of five profiles for each of the Integrated District Networks in the North West LHIN. The information in these profiles is based on fiscal year 2013/14 unless otherwise specified.

Each profile has an Executive Summary followed by detailed data tables at the Local Health Hub (LHH), Integrated District Network (IDN) and regional levels.



- District of Kenora IDN
- District of Rainy River IDN
- District of Thunder Bay IDN
- City of Thunder Bay IDN
- Northern IDN

COMMUNITIES (CENSUS SUBDIVISIONS) WITHIN THE LHH

Thunder Bay LHH: Thunder Bay, Thunder Bay Unorganized (Armstrong, Fowler), Oliver Paipoonge, Shuniah, Neebing, Fort William First Nation, Conmee, O'Connor, Gillies, Whitesand First Nation, Gull River (Gull Bay First Nation), Lac des Mille Lacs, Bingwi Neyaashi Anishinaabek (Sand Point First Nation), Seine River 22A2

EXECUTIVE SUMMARY

The City of Thunder Bay IDN is comprised of one Local Health Hub – Thunder Bay.

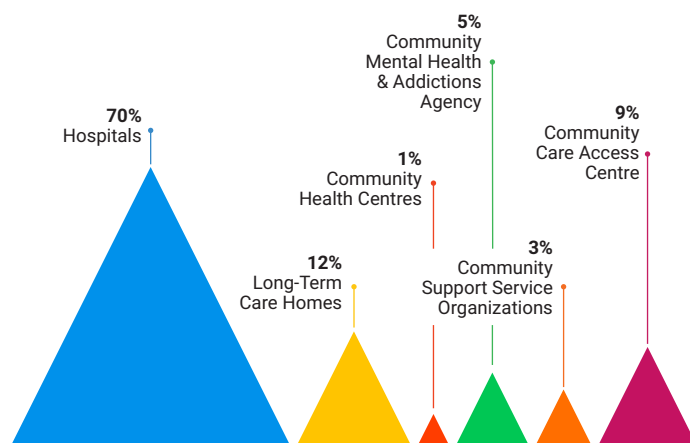
POPULATION:

- The City of Thunder Bay IDN is the most populated district in the North West LHIN, with a total population of 127,975
- The City of Thunder Bay IDN accounts for 55.3% of the North West LHIN's total population
- The median age of the population in Thunder Bay is 44
- The City of Thunder Bay IDN has the second highest proportion of adults over the age of sixty-five (65) accounting for 17.2% of the total population
- The City of Thunder Bay IDN has an approximate total area of 37,100 square kilometers

HEALTH SYSTEM:

- The City of Thunder Bay IDN has 26 unique health service providers offering 41 LHIN-funded programs
- The North West LHIN funding allocation by health care sector for the City of Thunder Bay IDN is as follows:

City of Thunder Bay IDN **Total: \$412,065,474**



Ontario

Local Health Integration
Network

Réseau local d'intégration
des services de santé

POPULATION CHARACTERISTICS, 2011 CENSUS

Indicators	Thunder Bay LHH / City of Thunder Bay IDN	North West LHIN
Total population	127,975	231,120
Population change (from 2006)	-1.5%	-1.7%
% Age 65 +	17.2%	16.0%
% Age 75 +	8.5%	7.3%
% Aboriginal identity (2006)*	8.3%	19.2%
# of First Nations	5	64
% of Francophone	2.7%	3.4%
# of Designated Francophone communities	0	5

Data Source: Statistics Canada. 2011 Census, 2006 Census and 2011 National Household Survey (NHS). * Aboriginal Identity information from the 2011 NHS was suppressed for data quality or confidentiality reasons.

HEALTH SYSTEM CHARACTERISTICS

Indicators	Thunder Bay LHH / City of Thunder Bay IDN	North West LHIN
ACUTE CARE HOSPITAL		
THUNDER BAY REGIONAL HEALTH SCIENCES CENTRE		
# Acute beds	331	601
# CCC beds	200	299
# ELDCAP beds	0	118
# LTC homes and places	8 - 1074	14 – 1601
# IP Mental Health / Addictions beds	98	122
# IP Rehab beds	50	50
# COMMUNITY HSPs PROVIDING SERVICE TO LHH RESIDENTS		
Mental Health	11	28
Addictions	8	20
Seniors Supportive Housing buildings and spaces	3 - 346	11 – 504
Acquired Brain Injury	1	1
CHC services	1	2
CCAC services	1	1
CSS and AO Services	14	57
Assisted Living (ABI + PD)	2	2
PRIMARY CARE		
# Family Physicians	137	288
Population per Active Physician	957	824
# Family Health Teams / PEMs	6	21
# Specialists	174	195
Population per active specialist	754	1,217

ABI - Acquired Brain Injury; AO - Assertive Outreach; CCAC - Community Care Access Centre; CCC - Complex Continuing Care; CHC - Community Health Centre; CSS - Community Support Services
ELDCAP - Elderly Capital Assistance Program; IP - Inpatient; LTC - Long-Term Care; PD - Physical Disability; PEM - Patient Enrolment Model

HEALTH STATUS, HEALTH BEHAVIOURS AND HEALTH OUTCOMES

Indicators	Northwestern Health Unit ¹	Thunder Bay District Health Unit ²	North West LHIN	Ontario
HEALTH STATUS, HEALTH BEHAVIOURS, HEALTH PRACTICES (CANADIAN COMMUNITY HEALTH SURVEY 2013, AGE 12+; EXCLUDES PERSONS LIVING ON RESERVES AND OTHER ABORIGINAL AND FULL-TIME MEMBERS OF THE CANADIAN FORCES)				
Perceived health, very good or excellent	61.9%	56.6%	58.2%	59.8%
Perceived mental health, very good or excellent	73.9%	61.0%*	65.1%*	70.9%
Current smoker	20.0%	25.1%*	23.5%*	18.1%
Heavy drinking	18.7%	26.6%*	24.2%*	17.1%
Overweight or obese (aged 18+)	61.1%*	66.2%*	64.6%*	53.2%
Physical activity in leisure time, moderately active or active	64.0%*	58.1%	60.0%*	54.2%
Has a regular medical doctor	83.5%*	82.3%*	82.7%*	91.2%
Contact with a medical doctor in past 12 months	72.3%*	79.3%	77.1%	79.3%
PRIMARY CARE, HEALTH CARE EXPERIENCE SURVEY, JULY 2013-JUNE 2014, AGE 16+				
% Attached population	-	88.5% (Thunder Bay Census Metropolitan Area)	87.3%*	93.7%
% Able to see primary care provider same day or next day (when sick)	-	25.8%* (Thunder Bay Census Metropolitan Area)	30.0%*	44.8%
HEALTH OUTCOMES - LIFE EXPECTANCY, MORTALITY (STATISTICS CANADA, CIHI)				
Life expectancy at birth, 2007-2009 (years)	77.4	79.3	78.6	81.5
Age-std. rate of premature mortality (death before aged 75), 2009/10 - 2011/12	382/100,000*	326/100,000*	346/100,000*	224/100,000
Age-std. rate of avoidable mortality from preventable causes, 2009/10 - 2011/12	190/100,000*	164/100,000*	174/100,000*	102/100,000
Age-std. rate of avoidable mortality from treatable causes 2009/10 - 2011/12	93/100,000*	81/100,000*	85/100,000*	60/100,000
* Significantly different than the provincial rate. 1. District of Kenora, District of Rainy River and Northern IDNs combined. 2. City of Thunder Bay and District of Thunder Bay IDNs combined.				

AMBULATORY CARE - UNSCHEDULED EMERGENCY VISITS

Indicators	Thunder Bay LHH / City of Thunder Bay IDN	North West LHIN	Ontario
EMERGENCY VISIT INDICATORS BY GEOGRAPHY OF HOSPITAL			
% of CTAS IV & V visits	27.0%	42.9%	36.7%
% of CTAS I-III visits within IDN	67.0% (within LHIN)	15.2% (within ON)	-
Rate of emergency visits best managed elsewhere / 1,000 population (aged < 75)	29.4	45.4	18.3
Rate of emergency visits / 1,000 population	812.4	875.6	437.7
Diabetes related visits / 1,000 population	93.2	72.8	65.8
Rate of repeat visits (within 30 days) for MH conditions	15.5%	18.2%	19.7%
Rate of repeat visits (within 30 days) for SA conditions	42.0%	34.7%	29.9%
90 th percentile ED LOS, non-admitted, non-complex patients (CTAS IV & V)	6.6 hrs.	3.8 hrs.	3.9 hrs.
90 th percentile ED LOS, non-admitted, complex patients (CTAS I-III)	3.4 hrs.	6.6 hrs.	7.1 hrs.
90 th percentile ED LOS, admitted patients	28.8 hrs.	24.7 hrs.	28.4 hrs.
CTAS – Canadian Triage and Acuity Scale (Level 5: Non-Urgent, Level 4: Semi-Urgent, Level 3: Urgent, Level 2: Emergent, Level 1: Resuscitation); ED – Emergency Department; LOS – Length of Stay; MH – Mental Health; SA – Substance Abuse			

Indicators	Thunder Bay LHH / City of Thunder Bay IDN	North West LHIN	Ontario
ACUTE CARE			
% Total LOS days that are ALC	16.7%	17.8%	14.0%
Occupancy Rate	93.3%	81.3%	-
Ambulatory care sensitive conditions (rate / 1000 population aged < 75)	562.5	538.6	305.5
Readmission rate for select CMGs, calendar year 2013	20.0%	18.4%	16.6%
Diabetes related amputation (rate / 100,000 population aged 18+)	22.2	36.3	13.0
Knee replacement (total) completed cases	356	527	24,125
% Knee replacement surgeries within target time	56.2%	54.1%	76.8%
Hip replacement (total) completed cases	275	332	13,116
% Hip replacement surgeries within target time	63.3%	69.3%	79.3%
HOME CARE			
% ALC cases waiting for home care by hospital location	16.8%	17.5%	22.1%
Number of unique clients	8,281	12,581	-
% of clients with end-of-life service goal	3.1%	2.9%	4.6%
PSW / homemaking services as % of total services	72.0%	70.2%	66.3%
DAY SURGERY (Hospital)			
Cataract surgery - completed cases	1,999	2,416	133,810
% Completed cases within access target	94.4%	96.9%	92.2%
LONG-TERM CARE (Hospital)			
% ALC cases waiting for LTC	9.2%	12.7%	16.1%
Unscheduled emergency visits / 1,000 active LTC residents	525.9	537.1	586.4
Admissions to LTC homes	584	945	-
DIAGNOSTICS (Hospital)			
MRI Completed Cases	15,987	15,987	638,780
% Completed cases within access target	60.5%	60.5%	51.7%
CT Completed cases	14,579	20,734	753,153
% Completed cases within access target	72.0%	77.9%	78.2%
INPATIENT REHAB (Hospital)			
% ALC cases for general rehab	10.7%	8.6%	20.9%
% ALC cases for special rehab	10.6%	8.3%	2.8%
Admissions to IP Rehab, by client geography	325	436	-
ALC – Alternative Level of Care; CMGs – Case Mix Groups; CT – Computerized Tomography; IP – Inpatient; LOS – Length of Stay; LTC – Long-Term Care; MRI – Magnetic Resonance Imaging; PSW – Personal Support Worker			