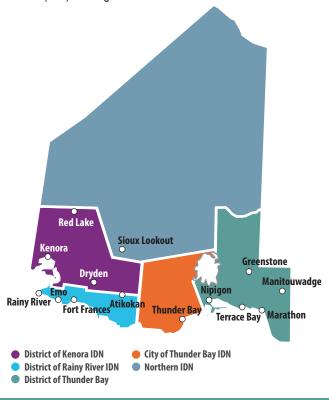


## **OVERVIEW**

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.



#### **COMMUNITIES (CENSUS SUBDIVISIONS) WITHIN THE LHH**

**Greenstone LHH:** Greenstone, Long Lake No. 58 First Nation, Ginoogaming First Nation, Aroland First Nation, Animbiigoo Zaagi igan Anishinaabek (Lake Nipigon)

Manitouwadge LHH: Manitouwadge

Marathon LHH: Marathon, Pic River First Nation, Pic Mobert First Nation Nipigon LHH: Nipigon, Red Rock, Dorion, Lake Helen First Nation, Biinjitiwaabik Zaaqing Anishinaabek (Rocky Bay)

Terrace Bay LHH: Terrace Bay, Schreiber, Pays Plat First Nation

## **EXECUTIVE SUMMARY**

The District of Thunder Bay IDN is comprised of five Local Health Hubs – Greenstone, Manitouwadge, Marathon, Nipigon and Terrace Bay.

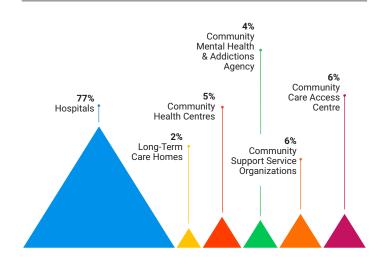
#### **POPULATION:**

- The District of Thunder Bay IDN is the fifth most populated district in the North West LHIN, with a total population of 17,829
- The District of Thunder Bay IDN accounts for 7.7% of the North West LHIN's total population
- Rural area residents account for 43.7% of the population in the District of Thunder Bay IDN
- 13.0% of residents identify as Francophone in the District of Thunder Bay IDN; the highest proportion resides in Greenstone LHH where 22.2% identify as Francophone
- The District of Thunder Bay IDN has an approximate total area of 61,215 square kilometers

#### **HEALTH SYSTEM:**

- The District of Thunder Bay IDN has 21 unique health service providers offering 29 LHIN-funded programs
- The North West LHIN funding allocation by health care sector for the District of Thunder Bay IDN is as follows:

## District of Thunder Bay IDN Total: \$40,863,413



# **POPULATION CHARACTERISTICS, 2011 CENSUS**

Indicators	Greenstone LHH	Manitouwadge LHH	Marathon LHH	Terrace Bay LHH	Nipigon LHH	District of Thunder Bay IDN	North West LHIN
Total population	5,619	2,105	4,037	2,672	3,396	17,829	231,120
Population change (from 2006)	-3.5%	-8.5%	-10.0%	2.6%	-6.5%	-5.4%	-1.7%
% Age 65 +	12.1%	15.9%	9.5%	16.8%	18.1%	14.3%	16.0%
% Age 75 +	4.9%	4.8%	3.5%	7.7%	8.1%	5.5%	7.3%
% Aboriginal identity (2006)*	35.3%	5.7%	20.2%	5.8%	29.2%	19.9%	19.2%
# of First Nations	4	0	2	1	2	9	64
% of Francophone	22.2%	15.8%	9.2%	6.4%	4.3%	13.0%	3.4%
# of Designated Francophone communities	1	1	1	1	0	4	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	Greenstone LHH	Manitouwadge LHH	Marathon LHH	Terrace Bay LHH	Nipigon LHH	District of Thunder Bay IDN	North West LHIN		
ACUTE CARE HOSPITAL	GERALDTON DISTRICT HOSPITAL	MANITOUWADGE GENERAL HOSPITAL	WILSON MEMORIAL GENERAL HOSPITAL	THE MCCAUSLAND HOSPITAL	NIPIGON DISTRICT MEMORIAL HOSPITAL				
# Acute beds	23	9	9	10	15	66	601		
# CCC beds	7	0	12	13	7	39	299		
# ELDCAP beds	19	9	0	0	15	43	118		
# LTC homes and places	0	0	0	1 – 22	0	1 – 22	14 -1601		
# IP Mental Health / Addictions beds	0	0	0	0	0	0	122		
# IP Rehab beds	0	0	0	0	0	0	50		
# COMMUNITY HSPS PROVIDING SERVICE TO LHH RESIDENTS									
Mental Health	5	4	4	5	5	6	28		
Addictions	1	1	1	1	1	1	20		
Seniors Supportive Housing buildings and spaces	0	0	0 - 5	0	0 - 7	0 – 12	11 - 504		
Acquired Brain Injury	0	0	0	1	1	1	1		
CHC services	1	0	0	0	0	1	2		
CCAC services	1	1	1	1	1	1	1		
CSS and AO Services	9	5	7	6	7	10	57		
Assisted Living (ABI + PD)	0	0	0	0	1	1	2		
PRIMARY CARE									
# Family Physicians	9	4	9	5	7	34	288		
Population per Active Physician	639	542	459	544	496	536	824		
# Family Health Teams / PEMs	1	1	1	1	1	5	21		
# Specialists	0	0	0	0	0	0	195		
Population per active specialist	-	-	-	-	-	-	1,217		
ABI - Acquired Brain Injury; AO - Asso	ertive Outreach; CCAC - Co	mmunity Care Access Cen	tre; CCC - Complex Contin	uing Care; CHC - Commur	nity Health Centre; CSS - C	ommunity Support Service	25		

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 <sup>1</sup>	Thunder Bay District Health Unit <sup>2</sup>	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 SUR	VEY, 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, MORTA	LITY (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	93/100,000*	81/100,000*	85/100,000*	60/100,000					
* Significantly different than the provincial rate. 1. D	istrict of Kenora, District of Rainy River and	Northern IDNs combined. 2. City of Thur	nder Bay and District of Thunder Bay IDNs o	ombined.					

## **AMBULATORY CARE - UNSCHEDULED EMERGENCY VISITS**

Indicators	Greenstone LHH	Manitouwadge LHH	Marathon LHH	Terrace Bay LHH	Nipigon LHH	District of Thunder Bay IDN	North West LHIN	Ontario	
EMERGENCY VISIT INDICATORS BY GEOGRAPHY OF HOSPITAL									
% of CTAS IV & V visits	78.6%	84.1%	61.2%	85.6%	66.4%	74.3%	42.9%	36.7%	
% of CTAS I-III visits within IDN	26.5%	9.4%	28.6%	8.5%	27.1%	4.6% (within LHIN)	1.0% (within 0N)	-	
Rate of emergency visits best managed elsewhere / 1,000 population (aged < 75)	134.2	103.2	103.2	88.3	87.2	107.9	45.4	18.3	
Rate of emergency visits / 1,000 population	1544.3	1475.3	1340.8	1163.4	1246.4	1376.5	875.6	437.7	
Diabetes related visits / 1,000 population	29.3	6.4	73.0	49.9	25.2	37.8	72.8	65.8	
Rate of repeat visits (within 30 days) for MH conditions	18.2%	48.4%	7.7%	39.3%	26.1%	27.9%	18.2%	19.7%	
Rate of repeat visits (within 30 days) for SA conditions	25.3%	53.8%	25.0%	50.0%	19.1%	28.3%	34.7%	29.9%	
90 <sup>th</sup> percentile ED LOS, non-admitted, non-complex patients (CTAS IV & V)	4.1 hrs.	2.4 hrs.	2.4 hrs.	2.3 hrs.	2.5 hrs.	3.0 hrs.	3.8 hrs.	3.9 hrs	
90 <sup>th</sup> percentile ED LOS, non-admitted, complex patients (CTAS I-III)	8.6 hrs.	5.1 hrs.	5.4 hrs.	9.7 hrs.	7.0 hrs.	7.0 hrs.	6.6 hrs.	7.1 hrs	
90 <sup>th</sup> percentile ED LOS, admitted patients	10.7 hrs.	13.1 hrs.	6.8 hrs.	17.9 hrs.	19.1 hrs.	12.3 hrs.	24.7 hrs.	28.4 hrs.	
CTAS — Canadian Triage and Acuity Scale (Level 5: Non- MH — Mental Health; SA — Substance Abuse	Urgent, Level 4: Sen	ni-Urgent, Level 3: Urge	ent, Level 2: Emerge	nt, Level 1: Resuscita	ition); ED — Emerger	ncy Department; LOS	S — Length of Stay;	I	

PSW — Personal Support Worker

Indicators	Greenstone LHH	Manitouwadge LHH	Marathon LHH	Terrace Bay LHH	Nipigon LHH	District of Thunder Bay IDN	North West LHIN	Ontario
ACUTE CARE								
% Total LOS days that are ALC	27.1%	15.5%	23.9%	22.2%	38.8%	28.0%	17.8%	14.0%
Occupancy Rate	51.8%	54.3%	80.5%	58.6%	69.2%	61.1%	81.3%	
Ambulatory care sensitive conditions (rate / 1000 population aged < 75)	439.9	533.2	527.5	559.6	813.0	558.1	538.6	305.5
Readmission rate for select CMGs, calendar year 2013	18.2%	10.3%	18.2%	20.9%	22.5%	18.9%	18.4%	16.6%
Diabetes related amputation (rate / 100,000 population aged 18+)	68.6	55.6	30.9	-	36.4	41.6	36.3	13.0
Knee replacement (total) completed cases	-	-	-	-	-	-	527	24,125
% Knee replacement surgeries within target time	-	-	-	-	-	-	54.1%	76.8%
Hip replacement (total) completed cases	-	-	-	-	-	-	332	13,116
% Hip replacement surgeries within target time	-	-	-	-	-	-	69.3%	79.3%
HOME CARE								
% ALC cases waiting for home care by hospital location	0.0%	0.0%	5.3%	0.0%	0.0%	1.8%	17.5%	22.1%
Number of unique clients	238	86	149	72	198	743	12,581	
% of clients with end-of-life service goal	3.8%	2.3%	2.7%	6.9%	2.0%	3.2%	2.9%	4.6%
PSW / homemaking services as % of total services	79.7%	78.7%	76.5%	67.8%	75.2%	77.1%	70.2%	66.3%
DAY SURGERY (Hospital)								
Cataract surgery - completed cases	_	-	61	-	-	61	2,416	133,810
% Completed cases within access target	_	-	100.0%	-	-	100.0%	96.9%	92.2%
LONG-TERM CARE (Hospital)								
% ALC cases waiting for LTC	55.6%	20.0%	0.0%	14.3%	27.3%	19.6%	12.7%	16.1%
Unscheduled emergency visits / 1,000 active LTC residents	1384.6	600.0	-	576.9	291.7	744.2	537.1	586.4
Admissions to LTC homes	10	5	-	6	10	31	945	
DIAGNOSTICS (Hospital)								
MRI Completed Cases	-	-	-	-	-	-	15,987	638,780
% Completed cases within access target	-	-	-	-	-	-	60.5%	51.7%
CT Completed cases	-	-	-	-	-	_	20,734	753,153
% Completed cases within access target	_	-	-	_	-	_	77.9%	78.2%
INPATIENT REHAB (Hospital)								
% ALC cases for general rehab	0.0%	0.0%	15.8%	0.0%	0.0%	5.4%	8.6%	20.9%
% ALC cases for special rehab	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	8.3%	2.8%
Admissions to IP Rehab, by client geography	9	2	6	7	5	29		