

KENORA, ONTARIO, CANADA



KENORA VALUE ADDED FORESTRY
Sector Profile

Updated November 2017





KENORA, ONTARIO, CANADA



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Special Thanks

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KENORA'S STRENGTHS AND ADVANTAGES

Kenora offers value-added forestry companies many advantages including access to a stable supply of wood fibre residuals from regional mills, crown timber from the region's Boreal forest, access to a highly-skilled local labour force, excellent industrial infrastructure, and a highly-supportive local and provincial government.

High quality infrastructure supports every segment of Kenora's forest products value chain. Forest Renewable Trust Funds have supported ongoing investments. The city is located along the Trans Canada Highway and is served by the CP Rail mainline and the Kenora Regional Airport. Kenora is strategically located for firms that require access to export markets. Direct access to central markets in the United States is available through nearby cities Minneapolis and Duluth, Minnesota. Winnipeg, Manitoba is also located in close proximity (200km), and offers excellent transportation and distribution infrastructure to serve Western Canada and Asian markets through Centreport, Canada's only inland port offering "single-window" access to Foreign Trade Zone benefits.

Shovel-ready sites are available at Stevenson Industrial Park, which is co-located with the world's largest Weyerhaeuser TimberStrand® mill. Residuals from the plant and from other mills in the area provide a stable source of inputs for many value-added forest products such as biofuels, pellets, building products, pallets, mulch and a variety of other products produced from sawdust, planer shavings, off-grade fibre, short strands, bark, and wood chips.

Specialty mills and manufacturers of furniture, flooring, or other wood products can benefit from the region's wood supply which includes Ash, Balsam Fir, Cedar, Jack Pine, Larch, Maple, Poplar, Red Jack Pine, Black Spruce, White Birch and White Pine.



Kenora Weyerhaeuser TimberStrand® Mill

**Total Investment:
\$258 Million**

In 2002, Kenora was selected as the site of the world's largest Weyerhaeuser TimberStrand® Mill, which employs nearly 200 workers locally. The City of Kenora government actively pursued the opportunity by raising \$15 million for infrastructure improvements needed to extend city water and sewer services to the plant site. Funds for the project were provided by the City of Kenora and augmented by funding from Industry Canada and the Northern Ontario Heritage Fund.

To extend the value of this investment, Stevenson Industrial Park offers inexpensive, serviced land for development on sites adjacent to the Weyerhaeuser TimberStrand® Mill. The industrial park offers value added forestry producers an ideal site to co-locate with the mill while taking advantage of services for natural gas, industrial electric power and telecommunications infrastructure, located only two kilometers from the Trans Canada Highway and the Canadian Pacific Railway main line.



Local forestry companies benefit from Kenora's hard-working labour force and strong education partnerships with the Confederation College campus in Kenora. Workforce development training partners also support producers like Weyerhaeuser by providing skills training and recruiting support to help the companies to access workers from the region's large First Nations labour force.

The City of Kenora and Ontario's Ministry of Natural Resources and Ministry of Northern Development and Mines have demonstrated a high level of support for Kenora's forest products sector, providing an impressive spectrum of financial resources, infrastructure development, and a pro-industry business environment to support new start-ups and expansions.

Finally, Kenora's unique high quality of life has made it easy for forest products companies to attract top talent to work in the area. Situated in Northwestern Ontario's pristine Boreal forest and on the shore of the Lake of the Woods, Kenora is a popular tourist destination and is recognized as North America's Premier Boating Destination. Residents of Kenora enjoy excellent quality of life supported by many local services, a low cost of housing, high-quality education, and tremendous access to enjoy the outdoors.





KENORA'S FOREST PRODUCTS COMPANIES

Kenora has been home to forest product producers for over 100 years. Two large sawmills are located in Kenora: The Kenora Weyerhaeuser TimberStrand® Mill, which accesses the region's hardwood species, and Kenora Forest Products, which produces lumber from the region's softwood species. Kenora and the surrounding region is also home to specialty mills such as E&G Custom Sawing Ltd.

Weyerhaeuser Company – Weyerhaeuser is a globally integrated forest products company with locations in North America, South America, Europe and Asia. Since 2002, Kenora has been home to Weyerhaeuser's largest TimberStrand® mill in the world, employing 210 local workers. The plant produces engineered lumber products. Ample acreage of inexpensive, serviced land is located near the mill in the Stevenson Industrial Park and the mill produces many residuals that can be inputs for other value added forest products.

Kenora Forest Products (A division of Prendiville Industries Ltd.) – Kenora Forest Products operates a large stud mill which can employ 110 employees at full capacity. The mill has the capacity to produce 80 million board feet per year of industry recognized high quality studs and produces residuals including sawdust, bark, wood chips, and planer shavings. Prendiville Industries is an integrated resource company that manufactures a wide range of wood products for the building, mining and construction industries through its four operating divisions: Ryan Forest Products (Winnipeg, MB), Prairie Forest Products (Neepawa, MB), Norwest Manufacturing (Thompson, MB), and Kenora Forest Products.





E&G Custom Sawing Ltd. – E&G Custom Sawing is a privately held, specialty sawmill that produces lumber and other value added building materials from Kenora’s forest resources. E&G specializes in creating specialty wood products for the treated market. For more information on E&G, contact mill owner Emil Makowsky at 807-548-4491.

Other large employers in Kenora include public sector organizations such as Lake of the Woods District Hospital, the City of Kenora, Canadian Pacific Railway and others. Large employers in the private sector include organizations such as Canadian Pacific Railway, Moncrief Construction, Canada Safeway Inc. and Lake of the Woods Brewing Company.

Table 1 Major Employers in Kenora

Public Sector Employers	Current Employees
Lake of the Woods District Hospital	500
Keewatin Patricia District School Board	405
Kenora Catholic School Board	335
Kenora Association for Community Living	250
District of Kenora Home for the Aged	245
City of Kenora	230
Firefly	133
Ministry of the Solicitor General & Correctional Services	107
Ontario Provincial Police	67
Major Private Employers	Current Employees
Canadian Pacific Railway	210
Weyerhaeuser	210
Canada Safeway Inc	120
Moncrief Construction	100
Kenora Forest Products	110
Lake of the Woods Brewing Company	100

Source: City of Kenora

OPPORTUNITY FOR VALUE-ADDED FOREST PRODUCTS

Kenora's forest sector resources can support development in a wide variety of value-added product markets. When at full capacity, mills in Kenora produce an excess of several residuals including sander dust, short strands, planer wood shavings, off-grade wood materials and hog fuel - all of which can be inputs for value-added products. The mills also offer opportunities to suppliers that produce inputs used in production and transport of mill products as well as opportunities for companies to reduce operating costs by co-locating in Kenora's Stevenson Industrial Park. High end craftsman products such as cabinetry, flooring, and furniture can be produced from the available supply of Black Ash, Tamarack, and Birch in the area. Red Pine is also available in the region and is ideally suited for specialty mills that produce decking or fence posts. Energy products such as renewable diesel, pellets, and co-generation can be produced from local mill residuals which have also historically been used as inputs into pulp mills. Finally, new high-tech products such as cross-laminated timber (CLT) are gaining market acceptance as a green and renewable alternative to building with concrete and steel.

Table 2 Opportunities with Residuals

Residual	Description and Uses	Production
Sander Dust	A very clean wood fibre used in wood fibre product remanufacturing	Over 300 tons/ month (Weyerhaeuser)
Short Strands	Dried poplar hardwood strands ranging from ½ in. to 3 in. in length can be used in production of Oriented Strand Board (OSB), medium density fibre board, a fuel product (pelletized), or for an animal bedding product.	Average of 1,500 tons per month (Weyerhaeuser)
Off Grade Wood Materials	Off grade wood materials can be used in the remanufacturing process for windows, doors, or other building products manufacturing. It can also support production of pallets, latticework, fencing and other products.	Variable
Bark, Wood Chips Sawdust	These uncommitted residuals can be used to produce a variety of wood products.	Variable
Planer Wood Shavings	Shavings can be used as inputs for energy products such as low grade pellets or in other products such as animal bedding.	Variable





Table 3 Supplier and Co-Location Opportunities

Opportunity	Description
Supply of Dunnage	Weyerhaeuser has demand for 2”X2” wood materials used for dunnage which are currently imported to Kenora and could be produced locally.
Shared management of wood supply and resources	<p>The Weyerhaeuser TimberStrand® Mill is situated at the Stevenson Industrial Park and uniquely suited for co-location of other value added forestry companies. Weyerhaeuser offers the expertise and resources to help offset start-up costs through:</p> <ul style="list-style-type: none"> • Cost sharing a large yard for staging round wood, • Access to use of government-certified scales, • Management of harvesting, transportation, and scaling of softwood and hardwood • All aspects of the provision of fibre supply
Growing demand for harvesting contractors	Following several years of reduced production and demand, the forest sector now faces a lack of capacity in harvesting and trucking. Opportunity exists for harvesting contractors to serve local mills and producers.





WOOD SUPPLY AND CURRENT COMMITMENTS

For a wood product producer, regional forests offer a diverse supply of wood fibre. Mills and other value-added producers in Kenora and the surrounding area obtain wood supply from forests across Northwest Ontario. Tree species harvested from the region's Boreal forest include Ash, Balsam Fir, Cedar, Jack Pine, Larch, Maple, Poplar, Red Jack Pine, Black Spruce, White Birch and White Pine. The two forest management units in closest proximity to Kenora are Kenora Forest 644 and the Whiskey Jack Forest 490. Existing supply commitments account for most of the fibre supply in the Kenora Forest 644. The Whiskey Jack Forest 490 has seen limited harvesting in recent years due to several challenges currently being resolved; however this nearby forest can potentially offer significant fibre supply in the future. Other regional forests include the Crossroute Forest 405, Dryden Forest 535 and Wabigoon Forest 130.

Figure 1 Kenora Area Forests and Infrastructure

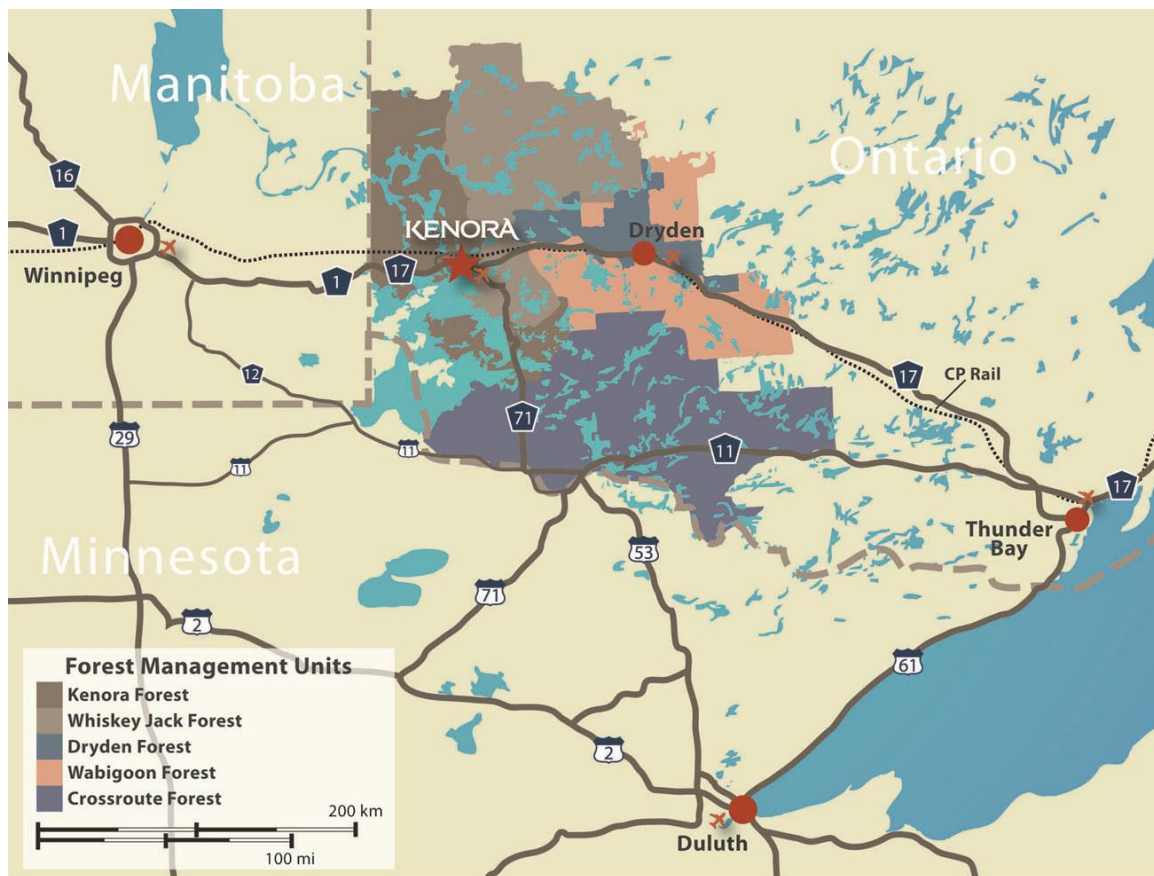




Table 4 Wood Supply in Regional Forest Management Units, April 2017
(thousand cubic metres per year)

Management Unit	Merchantable							
	BW	CE	OC	PO	PWR	SPF	TOL	Total
Local Forests								
Kenora 644	11	9	-	(35)	7	-	-	(8)
Whiskey Jack 490	24	5	-	(36)	1	7	1	2
Other Regional Forests								
Crossroute Forest 405	(23)	7	3	(57)	9	(46)	2	(105)
Dryden Forest 535	2	-	-	3	-	(11)	-	(6)
Wabigoon Forest 130	24	8	-	(15)	-	(13)	1	5
Other NW Ontario	181	49	102	170	13	1,089	2	1,606
Total NW Ontario	219	78	105	30	30	1,026	6	1,494
	Unmerchantable							
Local Forests	BW	CE	OC	PO	PWR	SPF	TOL	Total
Kenora 644	9	-	-	28	1	33	-	71
Whiskey Jack 490	8	-	-	16	-	21	-	45
Other Regional Forests								
Crossroute Forest 405	17	-	-	111	6	96	-	230
Dryden Forest 535	-	-	-	6	-	6	-	12
Wabigoon Forest 130	6	-	-	17	-	23	-	46
Other NW Ontario	94	2	7	163	-	752	-	1,018
Total NW Ontario	134	2	7	341	7	931		1,422
Total								2,916

Source: Ministry of Natural Resources, Available Wood Report, Northwest Ontario, April 2017. Note: Certain management units show deficits in available volume that have arisen over time and the adjustments to the volumes are being addressed to align with current forest management plan wood supplies. BW: White Birch. CE: Cedar. OC: Other Conifer (Tamarack & Eastern Hemlock). PO: Balsam Poplar, Aspen, and other poplar. PWR: Red Pine and White Pine. SPF: Black Spruce, White Spruce, Jack Pine and Balsam Fir. TOL: Tolerant Hardwoods: Sugar Maple, Red Maple, Yellow Birch, American Beech, Black Ash, White Ash, Red Oak, White Elm, Basswood, Black Cherry, and Ironwood)

Current mills in the Kenora Forest 644 region produce multiple forest products including:

- **Composite wood panel** from poplar and white birch (Weyerhaeuser),
- **Fuelwood** products from jack pine, spruce, balsam, cedar, birch and poplar (commercial and personal use); and
- **Sawmill and special products** mainly from jack pine and spruce (E.&G. Custom Sawing Ltd., EACOM Timber Corp, Kenora Forest Products Ltd., Manitou Forest Products Ltd.)

Table 5 Kenora Forest 644 Utilization Volume by Mill and Product
(Volume in m³)

Product and Mill	2013-2014	2014-2015	2015-2016	Total
Composite Wood Panel				
Weyerhaeuser Company Ltd.	82,940	40,319	32,698	155,957
Norbord Inc.		2,310		2,310
Fuelwood				
Commercial Fuelwood	1,348	343	2,943	4,634
Personal Use Fuelwood	623	760	698	2,081
Paper Mill				
Resolute FP Canada Inc.	3,746			3,746
Pulp Mill				
Domtar Inc.	58,863	2,227		61,090
Resolute FP Canada Inc.	148			148
Sawmill & Special Product				
531322 Ontario Ltd.	1,218			1,218
E.&G. Custom Sawing Ltd.	3,474	1,440	879	5,793
Manitou Forest Products Ltd.	1,930	851	199	2,980
McKenzie Lumber Inc.	200			200
Personal Use Building Material	25	50		75
Resolute FP Canada Inc.	1,822			1,822
Wincrief Forestry Products L.P.	4,968			4,968
EACOM Timber Corporation		7,866	22,304	30,170
Northwest Region (Sawmill)		24		24
Tractor Sales Ltd. (Skene lumber)		31		31
Kenora Forest Products Ltd.			18,125	18,125
Grand Total	161,305	56,222	77,847	295,372

Source: Table AR-2, Annual Report of Wood Utilization By Mill, Kenora Forest.

STABLE FACTOR COSTS

Stumpage

The Ministry of Natural Resources (MNR) collects a stumpage charge, a forestry futures trust charge, and a forest renewal trust charge. While stumpage and forestry futures charges are subject to change on a monthly basis, these charges have largely remained steady over the long term.

Table 6 Historic and Current Forest Renewal Trust Charges per m³ Harvested, 2011-2017, Kenora and Whiskey Jack Forests

	White & Red Pine	Hemlock/ Cedar	Spruce/ Jack Pine/ Scots Pine/ Balsam Fir/ Larch	Poplar	White Birch	Hardwood Grade 1	Hardwood Grade 2
Kenora Forest							
01/Apr/2011	\$5.00	\$3.00	\$5.00	\$0.50	\$0.50	\$8.00	\$1.50
01/Apr/2012	\$5.00	\$3.00	\$5.00	\$0.50	\$0.50	\$8.00	\$1.50
01/Apr/2013	\$5.00	\$3.00	\$5.00	\$0.50	\$0.50	\$8.00	\$1.50
01/Apr/2014	\$5.00	\$3.00	\$5.00	\$0.50	\$0.50	\$8.00	\$1.50
01/Apr/2015	\$6.00	\$3.00	\$5.00	\$0.60	\$0.60	\$8.00	\$1.50
01/Apr/2016	\$8.00	\$3.00	\$5.50	\$1.00	\$1.00	\$8.00	\$1.50
01/Apr/2017	\$8.00	\$3.00	\$5.50	\$1.00	\$1.00	\$8.00	\$1.50
Whiskey Jack Forest							
01/Apr/2011	\$4.00	\$3.00	\$6.00	\$0.75	\$0.75	\$8.00	\$1.50
01/Apr/2012	\$4.00	\$3.00	\$5.75	\$0.75	\$0.75	\$8.00	\$1.50
01/Apr/2013	\$4.00	\$4.00	\$5.75	\$0.75	\$0.75	\$8.00	\$1.50
01/Apr/2014	\$6.00	\$3.00	\$5.70	\$0.70	\$0.70	\$8.00	\$1.50
01/Apr/2015	\$6.00	\$3.00	\$5.70	\$0.70	\$0.70	\$8.00	\$1.50
01/Apr/2016	\$6.00	\$3.00	\$5.70	\$0.70	\$0.70	\$8.00	\$1.50
01/Apr/2017	\$6.00	\$3.00	\$5.70	\$0.70	\$0.70	\$8.00	\$8.00

Source: Ontario Ministry of Natural Resources and Forestry via Timber Pricing Specialist Waqas Ghouri



KEY ASSETS AND INFRASTRUCTURE

Provincial and Local Government Support

Since 2005, Ontario has provided over \$940 million to the forestry sector through various initiatives. This includes up to \$75 million annually for building and maintaining forest access roads, the Northern Ontario Heritage Fund Corporation (NOHFC), which provides financial assistance to support business development, entrepreneurs, infrastructure investment, and job creation in Northern Ontario communities and the Ontario Wood Products Manufacturing Initiative and similar initiatives to help manufacturers achieve global competitiveness. The NOHFC and the FedNor Northern Ontario Development Program are two of the most commonly-accessed sources of funding for new businesses and businesses expanding in Northern Ontario. Additional sources of funding available from the provincial and federal governments are described in Appendix A.

“The level of municipal support was definitely something that attracted us to Kenora and it has encouraged us to stay in business here.”

- Bill Candline, Plant Manager
Weyerhaeuser TimberStrand® Mill

The Northern Ontario Heritage Fund Corporation (NOHFC)

The Northern Ontario Heritage Fund Corporation (NOHFC) offers multiple funding programs designed to help municipalities, entrepreneurs and businesses build, expand and grow. Key Programs include:

Strategic Economic Infrastructure Program. This program supports strategic infrastructure projects that best align with the vision of the Growth Plan for Northern Ontario to help create jobs and build capacity in our northern communities. This program helps a region or community advance economic development opportunities and support investment through strategic infrastructure. Maximum investment from the NOHFC does not exceed the lesser of 50% or \$1 million, towards eligible project costs.

Community Capacity Building Initiatives. Through this program northern communities will develop the capacity to promote, attract, and support economic growth in the existing and emerging priority economic sectors identified in the Growth Plan for Northern Ontario. For regional, partnership-based projects, the amount of NOHFC assistance will generally not exceed the lesser of 50% or \$100,000. For regional training projects, the amount of NOHFC assistance will generally not exceed the lesser of 50% or \$150,000.

Business Expansion Projects. Existing businesses in Ontario that intend to expand and or retain their operations within Northern Ontario to improve competitiveness, grow revenues and create jobs in the eleven sectors identified and further described in the Growth Plan for Northern Ontario. NOHFC assistance will generally not exceed 50% of eligible project costs up to a maximum of \$1 million per project. In exceptional circumstances, the NOHFC may consider exceeding the \$1 million maximum on a base by base basis. Up to 30% of funding may be in the form of a conditional grant with the remainder in the form of a repayable loan.





New Investment Projects. Competitive businesses that currently do not have a presence in Ontario that will expand operations to Northern Ontario and create jobs. Preference is given to those projects that demonstrate the following: creation of new jobs, ability to become a new anchor investments and/or support regional cluster development, and alignment with the priority sectors identified in the Growth Plan for Northern Ontario, 2011. NOHFC will provide assistance in the form of a conditional grant or a combination of a conditional grant and term loan/incentive term loan on a case by case basis.

For More information on the NOHFC programs, contact:

Northern Ontario Heritage Fund Corporation
70 Foster Drive, Suite 200
Sault Ste. Marie, Ontario
P6A 6V8
Telephone : 1.800.461.8329
(705)945.6700
Fax : (705).945.6701
Email : nohfc.ndm@ontario.ca
www.nohfc.ca

FedNor Northern Ontario Development Program

Since April 2006, the FedNor Northern Ontario Development Program has approved more than **\$272 million** in support of 1,386 projects that support community economic development, business growth and competitiveness, and innovation in Northern Ontario. FedNor provides financial support to viable projects led by businesses, municipalities, First Nations, and other organizations and institutions. Funding is available for projects that improve productivity, reach new markets, facilitate access to capital, foster investment, encourage entrepreneurship and cultivate industry collaboration.

To learn more, contact the Kenora FedNor Office:
100 Park Street, 2nd Floor
P.O. Box 1610
Kenora, Ontario
P9N 3W9
Fax: 807-468-2273
Toll Free: 1-877-333-6673
Fednor.gc.ca



Labour Force

The City of Kenora has a population of over 15,000 and is located within the Treaty #3 Area, home to 28 First Nations communities that have a combined population of approximately 25,000.

Kenora's highly-skilled workforce is comprised of a working age population (age 25-64 years) of over 8,500 workers. Approximately 12% of workers have a trades certificate or diploma (over 1,000 workers), 23% have attained college education and 21% have completed some university education, a Bachelor's degree or higher degree.

The forestry and manufacturing sectors employ 440 workers in Kenora, accounting for about 5% of the city's employed labour force. Kenora also has an experienced and skilled labour force in the logging industry. Contractors operating in the region are familiar with the land base and maintain a certified workforce that has been trained to the latest guidelines for sustainable forestry and environmental health and safety.

“Kenora and the Aboriginal communities in the area offer a great workforce. We've targeted our workforce to represent the diversity of the community. About 20 per cent of our workers are Aboriginal and about 20 per cent are women.”

- Bill Candline, Plant Manager
Weyerhaeuser TimberStrand® Mill





Table 7 Kenora Labour Force by Occupation, 2012

Occupation	Workers	Share of Labour Force
A Management occupations	489	5.7%
B Business, finance and administration occupations	1,078	12.6%
C Natural and applied sciences and related occupations	265	3.1%
D Health occupations	627	7.3%
E Occupations in social science, education, government service and religion	931	10.9%
F Occupations in art, culture, recreation and sport	37	0.4%
G Sales and service occupations	2,801	32.8%
H Trades, transport and equipment operators and related occupations	1,863	21.8%
H0 Contractors and supervisors in trades and transportation	40	0.5%
H1 Construction trades	228	2.7%
H2 Stationary engineers, power station operators and related occupations	175	2.0%
H3 Machinists, metal forming, shaping and erecting occupations	42	0.5%
H4 Mechanics	364	4.3%
H5 Other trades, n.e.c.	41	0.5%
H6 Heavy equipment and crane operators, including drillers	158	1.8%
H7 Transportation equipment operators and related workers, excluding labourers	500	5.8%
H8 Trades helpers, construction and transportation labourers and related occupations	316	3.7%
I Occupations unique to primary industry	172	2.0%
I1 Occupations unique to forestry operations, mining, oil and gas extraction and fishing	49	0.6%
I2 Primary production labourers	105	1.2%
J Occupations unique to processing, manufacturing and utilities	289	3.4%
J0 Supervisors in manufacturing	24	0.3%
J1 Machine operators in manufacturing	123	1.4%
J2 Assemblers in manufacturing	52	0.6%
J3 Labourers in processing, manufacturing and utilities	90	1.1%
All occupations	8,552	100%

Source: Manfield Data Mining



Education and Training Resources

Kenora forest products companies benefit from partnerships with two post-secondary education institutions in Kenora, Confederation College and Seven Generations Education Institute, as well as other partners for workforce training and development.

Training and Workforce Development

Sustainable Forestry Initiative (SFI) Certification and Ontario Workforce Safety and Insurance Board (WSIB) Training

Miisun Integrated Resource Management Company is a 100% First Nations owned Integrated Resource Management Company based in Kenora and is the management company responsible for the sustainable forestry management of the Kenora Forest 644. Miisun provides SFI training to harvesting contractors to assure compliance for SFI-certified wood products. They also provide WSIB Work Safe training for all forestry operators.

Shooniyaa Wa-biitong

Shooniyaa Wa-biitong is a large Aboriginal workforce development program headquartered in Kenora that works with the a membership of 16,000 First Nations people in the region to provide training, education, and skills upgrading to prepare workers for jobs. Shooniyaa Wa-biitong works directly with employers in Kenora to find qualified First Nations workers by collecting works and screening resumes, hosting recruiting events, providing skills upgrading, and supporting direct recruitment through Anokiiwin (“to work”) Job Connect available at: www.shooniyaajobconnect.com



Anokiiwin: verb,
in the Ojibwan
language meaning
“to work.”

Post-Secondary Education

Confederation College

Confederation College is a community college based in Thunder Bay, Ontario. The college serves approximately 3,400 full time students across a 550,000 square km area in Northwestern Ontario. Regional campuses are located in the communities of Dryden, Fort Frances, Kenora, Geraldton, Marathon, Red Lake, Sioux Lookout and Wawa. The campus in Kenora offers a variety of postsecondary options designed to meet the education and training needs of workers in the Kenora area. Programs offered by the college range from full-time postsecondary diploma and certificate programs to continuing education or general interest courses as well as contract specialized training for workers with various skill requirements.

Students may complete a college stream or university stream pre-health sciences certificate, a Bachelor of Science in Nursing, or two-year diploma programs in fields such as Business – Accounting or Human Resources, Early Childhood Education or Forest Ecosystem Management.

Confederation College is intimately connected to the Kenora community and maintains a commitment to meeting the educational needs of business owners in the city.

For more information about Confederation College's Lake of the Woods Campus in Kenora, visit:

www.confederationc.on.ca/kenora.



Table 8 Confederation College Graduates by Program, Kenora Campus, 2013-2017

Program Name	Total Graduates (2013-2017)
Aboriginal Canadian Relations	15
Bachelor of Science in Nursing	5
Business - Accounting	10
Business - Human Resources	6
Child and Youth Worker	2
College Access	8
Computer Programmer	2
Concurrent Disorders	1
Early Childhood Education	16
Educational Support	2
General Arts and Sciences - Certificate	14
General Arts and Sciences - Diploma	1
Native Child and Family Services	6
Office Administration - General	12
Paramedic	11
Personal Support Worker	26
Practical Nursing	30
Pre-Health Sciences	29
Pre-Technology	4
Protection Security and Investigation	1
Social Service Worker	15
Total	216

Source: Confederation College



Seven Generations Education Institute

Seven Generations Education Institute was established in 1985 as a consortium between the 10 bands of the Rainy Lake Tribal Area, with the goal of improving the economic status of band members and maintaining traditional cultural and linguistic values. The institution is based in Fort Frances, Ontario and operates satellite campuses in Thunder Bay and Kenora.



Seven Generations offers unique programs to people that need skills in specific trades or types of work. Program offerings are tailored to the needs of the marketplace, and Seven Generations is skilled at developing new programs in partnership with community colleges or universities, employers, government and other stakeholders. Programs are available to people from all walks of life, and are designed to instill a sensibility toward the cultural heritage and societal issues faced by First Nations and Aboriginal peoples.

The Kenora campus offers a Bachelor and Master's program in Social Work as well as programs in early childhood education, office administration, bookkeeping, and a management development certificate that introduces adult learners to management issues in a variety of industry applications. Other options available to students include an Essential Skills Training for the Workplace program, which allows them to re-engage with the educational system and prepare for additional job-related training programs; the College Readiness Program offers courses designed to prepare students for college level career or technical training; finally, the Secondary Education program offers flexible access to secondary education in order for students to complete a high school diploma.

For more information, visit: www.7generations.org



Transportation infrastructure

Kenora is located along the Trans-Canada Highway, Canada’s main east-west highway corridor. Highway 71 offers south-bound access to the US border. Forest roads are well-maintained and additional access is added annually through each management unit’s Forest Renewal Trust Fund expenditures (see Table 10).

The region offers access to both CP and CN Rail lines. The CP main line runs through Kenora and CN national main line has a switching yard 30 km from Kenora.

The Kenora Airport offers 24hr/7 day service. A single well-maintained runway is 5,800 feet in length, capable of landing a 737 size aircraft.

Three Canada-US border crossings are located within 500 km of Kenora: Fort Frances, ON-International Falls, MN; Rainy River, ON-Baudette MN; and Thunder Bay, ON-Grand Portage, MN.

Table 9 Regional Border Crossings

Border Crossing	Distance from Kenora
Fort Frances, ON / International Falls, MN	215 Km
Rainy River, ON / Baudette, MN	230 Km
Thunder Bay, ON / Grand Portage, MN	480 Km

Table 10 Forest Renewable Trust Fund Expenditures and Road Construction, Regional Forests

	2012-2013	2013-2014	2014-2015	2015-2016
Forest Renewal Trust Fund Expenditures				
Kenora Forest 644	\$496,169	\$449,206	\$323,002	\$404,206
Whiskey Jack Forest 490	\$264	\$187	\$253	\$77
Crossroute Forest 405	\$3,702	\$3,851	\$2,969	\$3,037
Wabigoon Forest 130	\$2,409,082	\$1,747	\$2,481	N.A.
Dryden Forest 535	\$657	\$450	\$290	\$274
Roads Constructed (km)				
Kenora Forest 644	69	68	35	32
Whiskey Jack Forest 490	21	16	20	13
Crossroute Forest 405	241	312	123	222
Wabigoon Forest 130	237	126	149	151
Dryden Forest 535	44	39	12	31

Source: Ministry of Natural Resources and Forestry

“Kenora is close to Minneapolis and the Central US. The location makes us more competitive than Quebec or British Columbia for accessing the Midwest US markets.”

- Rod McKay, Plant Manager
Kenora Forest Products



CentrePort Canada

Kenora businesses can also benefit from advantages at CentrePort Canada, an inland port in Winnipeg, offering high-quality, affordable industrial land with efficient access to tri-modal transportation including Winnipeg’s James Armstrong Richardson International Airport, one of the country’s top cargo airports with 24/7 operations. CentrePort Canada is the only inland port in Canada offering business “single-window” access to Foreign Trade Zone (FTZ) benefits that help companies manage imported inventories through duty deferral, exemption from federal and provincial sales taxes and sales tax-free and duty-free storage and distribution facilities.

Figure 2 Kenora Transportation Infrastructure

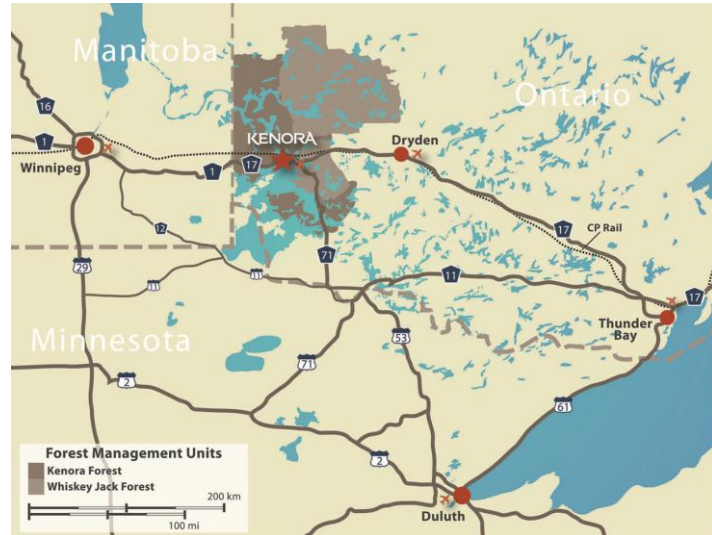


Table 11 Travel Distances to Selected Cities

City	Kilometres	Miles
Dryden, Ontario	120	75
Winnipeg, Manitoba	209	130
Brandon, Manitoba	432	268
Duluth, Minnesota	476	296
Thunder Bay, Ontario	489	304
Minneapolis, Minnesota	689	428
Regina, Saskatchewan	791	492
Saskatoon, Saskatchewan	1,000	621
Edmonton, Alberta	1,524	947
Calgary, Alberta	1,546	961
Toronto, Ontario	1,853	1,151
Vancouver, British Columbia	2,511	1,560

Source: Google Maps



Industrial Parks

The City of Kenora has three large industrial sites available for development as well as other available land. Serviced industrial parks with land for sale or lease include:

- **Stevenson Industrial Park.** Developed in conjunction with the Weyerhaeuser Kenora TimberStrand® mill servicing corridor, the 245-acre park offers municipal sewer and water services, natural gas service, communications infrastructure, and excellent road access for companies wanting to co-locate with the Weyerhaeuser TimberStrand® mill. The park is located 1 kilometer from the Trans-Canada highway and offers spur access to the Canadian Pacific Railway mainline.
- **Kenora Airport Industrial Park.** The Kenora airport site offers direct access to the IFR rated Kenora Municipal Airport, and features full services. The 60-acre park offers fast access to either air or ground transportation and is located 1 kilometer from the Canadian Pacific Railway mainline. Sites are available for lease only.

In addition, an 80-acre former mill site is available. The site currently has four buildings with approximately 200,000 sq. ft. of space.

Figure 3 Stevenson Industrial Park Sites

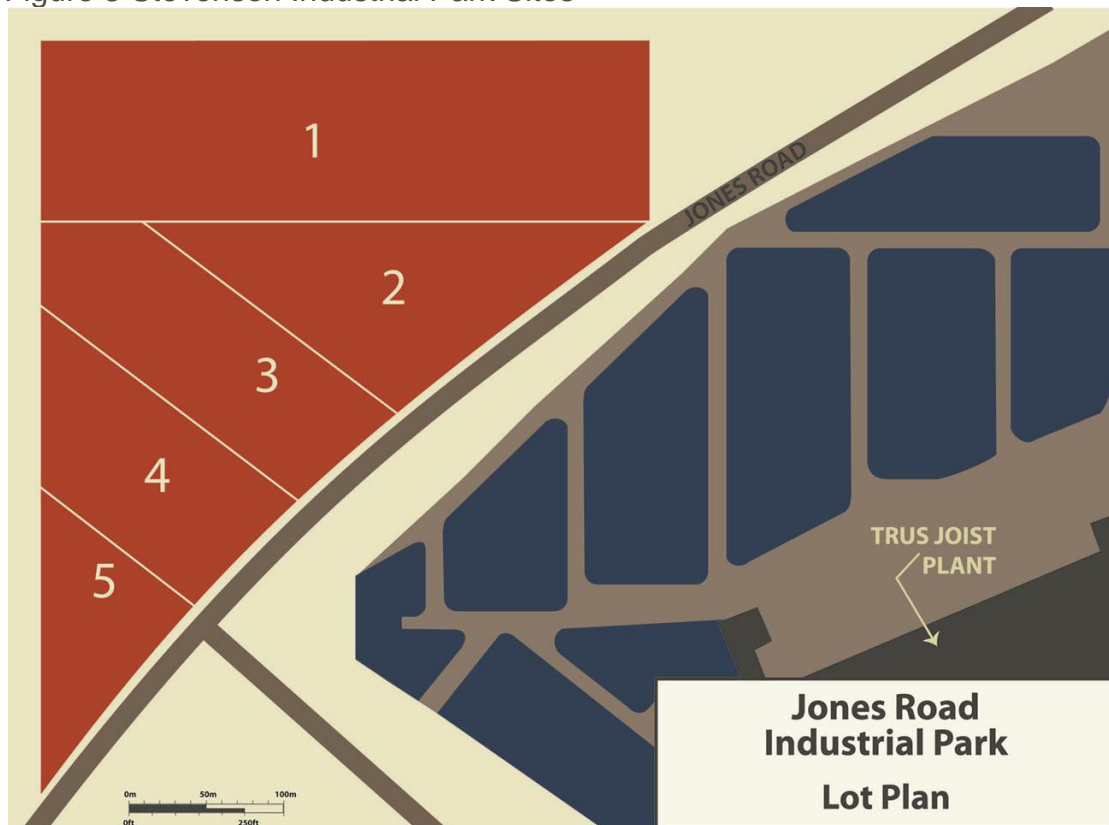




Figure 4 Airport Industrial Park



Airport sites available for lease only.



QUALITY OF LIFE

Kenora is North America's Premier Boating Destination.

We are the connection to Lake of the Woods and its 14,522 islands. Through our events and amenities we celebrate our history and build our future. We are stewards of the lake, nurture its pristine environment, and live the lake life.

Kenora's cultural centre is the downtown Harbourfront, a park on the shore of Lake of the Woods which hosts the city's annual winter and summer festivals, as well as concert series and other special events. Kenora residents enjoy outdoor sports, beaches, parks, trails and other means of staying active year-round.

Kenora offers a wide variety of dining options at over 40 area restaurants - whether you are looking to spend a romantic evening with your significant other, a casual night out with friends or just a quick bite on your way out to the lake, Kenora has the perfect restaurant for you.

A variety of housing options are available ranging from high-end homes on the lake to affordable housing inside the City of Kenora. A multitude of camps, cottage rentals, lodges and motel accommodations are also available, supporting the region's thriving tourism sector.

Lake of the Woods District Hospital in Kenora is Northwest Ontario's largest hospital outside of Thunder Bay and meets the immediate healthcare needs of residents of the City of Kenora, as well as a large surrounding area, including several First Nations Communities. As the leading medical facility in the Lake of the Woods area, this district hospital treats about 30,000 people per year.

There are two school boards in Kenora: Keewatin Patricia District School Board with an enrollment of 5,180 and Kenora Catholic District School Board with an enrollment of 1,587.

And for any services not available in Kenora, Winnipeg, Manitoba is only a short two-hour drive and offers major venues, theatres, shopping, universities, and other services.

“Attracting people to Kenora has been very easy for us. Not many forestry operations are located in an attractive place to live – usually they’re very small, remote communities with few services. But Kenora has a lot to offer, a reasonable cost of living, and it’s close to Winnipeg. It’s always been easy to attract people here and we still see that today.”

*- Bill Candline, Plant Manager
Weyerhaeuser TimberStrand® Mill*



SUSTAINABLE FOREST MANAGEMENT

Ontario is a world leader in sustainable forest management. All forest policies and management practices on Crown lands must conform to the Policy Framework for Sustainable Forests, which covers matters such as harvesting and regeneration, the management of forests and the protection and conservation of non-timber values.

Each forest management unit prepares a **forest management plan** with input from a Local Citizens Committee, as well as input from Aboriginal communities, industry stakeholders and interested members of the public. The management plan includes determining the available harvest areas (the maximum amount of forest land that can be harvested each year) and assessing criteria and indicators of sustainability.

Forest companies manage Crown forests under Sustainable Forest Licenses. Companies are responsible for preparing and implementing the forest management plan, and monitoring compliance with the plans within their license area. They also pay a stumpage charge fee to the province for the right to harvest timber.

As stewards of Ontario’s vast forest resource, the MNR ensures that forests remain healthy so that they provide ongoing benefits to Ontarians. Officials at MNR are able to help companies identify available wood and fibre supplies.

The Kenora 644 forest is managed by Miisun Integrated Resource Management Company.



MIISUN

Integrated Resource Management Co.
510 9th Street North, Kenora, ON. (807)467-3351

Miisun: Ontario’s Model for First Nations Sustainable Forest Management

Formed in 2009, Miisun is a one-of-a-kind forest management company – 100% owned by First Nations. Miisun is the forest management company responsible for implementing the management plan for the Kenora 644 forest. Over the first four years of operations, Miisun grew from a staff of 2 to a staff of 9 workers, which today includes an Anishinabe liaison who has helped build trust with local First Nations communities, as well as technicians for building forest roads and other forest services. Miisun utilizes an integrated resource management approach that respectfully incorporates First Nations knowledge and values and public involvement in order to ensure a healthy, sustainable and resilient working forest.

Miisun’s innovative resource management approach promotes strong working relationships between First Nations and Industry partners providing increased forest values, investment, and enhanced employment opportunities while assuring environmental, economic and social sustainability for communities in the Kenora 644 forest operating area.





Key Forest Unit Management Contacts

Kenora Forest Management Contact:
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SFL Forester
Miisun Forest Management
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Kenora District MNR District Manager
Ministry of Natural Resources
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Ministry of Natural Resources Contact:
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Regional Director – Northwest Region
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Thunder Bay, Ontario P7E 6S7
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amanda.holmes@ontario.ca



APPENDIX A: INCENTIVES AND GOVERNMENT SUPPORT

Support Programs Available to Ontario Businesses "Best Fit" Programs for Kenora's Forestry Sector

Workforce and Training

Employer Signing Bonus- You may qualify for a \$2,000 signing bonus if you register a new apprentice in a sector where there is high demand for skilled workers.

http://www.tcu.gov.on.ca/eng/employers/emp_bonus.html

Canada-Ontario Job Grant- Provides up to \$10,000 in direct financial support to individual employers who wish to purchase training for their employees. It will be available to small, medium and large businesses with a plan to deliver short-term training to existing and new employees.

<http://tcu.gov.on.ca/eng/eopg/cojg/>

Northern Ontario Internship Program- Through this program, young northerners will have access to work placements and internships that will serve as a springboard to rewarding and successful careers. By investing in our highly skilled young workforce, Northern Ontario employers prepare them for future employment right here in the North.

<http://nohfc.ca/en/programs/northern-ontario-internship-program>

Youth Job Connection and Youth Job Connection Summer- Provides financial incentives for hiring a young person (15 to 29 years old) through Youth Job Connection and a high school student (15 to 18 years old) through Youth Job Connection Summer. Funding is based on the amount of money an employer needs to hire and train a new youth employee.

<https://www.ontario.ca/page/hire-young-person>

Rural Economic Development (RED) Program- Helps rural communities to better position themselves to attract investment, create jobs, enhance economic growth and make everyday life easier for rural Ontario.

<http://www.omafra.gov.on.ca/english/rural/ruralfunding/index.html>

Infrastructure

Strategic Economic Infrastructure Program- Modern and reliable infrastructure is a cornerstone of building thriving, prosperous communities everywhere. The NOHFC Infrastructure and Community Development Program helps northern communities make the investments necessary to improve critical infrastructure and develop partnerships that find effective ways to create jobs and improve economic prospects in the North.

<http://nohfc.ca/en/programs/strategic-economic-infrastructure-program>



Export Market Development

Global Growth Fund – Export Market Access- If your business has five or more employees and annual sales of \$500,000 or more, you may qualify for a grant of up to 50% of eligible costs incurred to develop export sales.

<http://exportaccess.ca/en/home>

Global Growth Fund - Ontario Exporters Fund- Ontario Exporters Fund is a program to assist Ontario SMEs in priority MEDl sectors gain/increase access to export markets. Ontario SMEs with five or more employees and annual sales between 1 million to \$20 million and exports in the range of 10% to 50% of total annual sales in markets beyond the US, may qualify for a grant up to 80,000 to hire an Export Manager for 24 months.

<http://www.ontarioexporters.ca/home/>

New Exporters to Border States (NEBS) Program for Ontario- NEBS is a practical, hands-on introduction to the basics of exporting to the United States designed for Ontario small and medium-sized enterprises (SMEs).

<https://canadabusiness.ca/programs/new-exporters-to-border-states-1/>

Entrepreneur Resources

Bioenterprise- Bioenterprise is a commercialization agent, established to help promote the creation, growth and expansion of businesses in the Agri-Food, Agri-Life Sciences and Bio-Product Industries.

<http://www.bioenterprise.ca/>

Business Advisory Services- Business advisors in 12 regional offices assist small and medium-sized businesses in Ontario to grow and expand their business. Advisors have expertise in business planning, finance, exporting and access to a network of people and resources to enhance competitiveness and profitability.

<https://canadabusiness.ca/programs/business-advisory-services-ontario-1/>

Gasoline used in Unlicensed Business Equipment- Do you or your business buy gasoline for unlicensed equipment, such as equipment for farming, construction or manufacturing? If yes, you may get a refund of the tax you have paid.

<https://www.fin.gov.on.ca/en/refund/gasunlicensed/index.html>

Northern Innovation Program – Applied Research and Technology Development Projects- Funding is available to support the development and commercialization of new technologies that will contribute to future prosperity in Northern Ontario.

<http://nohfc.ca/en/programs/northern-innovation-program-applied-research-technology-development-projects>

Northern Business Opportunity Program – Small Business Start-up Projects- New businesses that intend to commence operations are eligible to receive financial assistance in the form of a conditional contribution and will generally not exceed 50% of eligible project costs up to a maximum of \$200,000.

<http://nohfc.ca/en/programs/northern-business-opportunity-program-small-business-start-projects>

Northern Business Opportunity Program – Business Expansion Projects- Existing businesses in Ontario that intend to expand and/or retain their operations within Northern Ontario to improve competitiveness, grow revenues and create jobs. NOHFC assistance will generally not exceed 50% of eligible projects costs up to a maximum of \$1 million per project.



<http://nohfc.ca/en/programs/northern-business-opportunity-program-business-expansion-projects>

Ontario Low Carbon Innovation Fund- You may qualify for a grant of up to \$2 million to help commercialize your innovative green technologies, processes and/or products in Ontario.

<https://www.ontario.ca/page/low-carbon-innovation-fund>

Tax & Financial Incentives

Apprenticeship Training Tax Credit- You may qualify for an annual tax credit of up to \$10,000 per qualifying apprentice to a maximum of \$40,000 over a 48 month period.

<https://www.fin.gov.on.ca/en/credit/atcc/index.html>

APPENDIX B: REFERENCE TABLES FOR PLANNED HARVEST VOLUMES KENORA FOREST 644



Figure 5 10-Year Planned Harvest Volume by Species and Forest Unit (m³), Kenora Forest, 2012-2022

Forest Unit	10-Year Available Harvest (m ³)		10-Year Planned Harvest Volume (m ³)															
	Conifer	Hardwood	Conifer									Hardwood					Total	
			White Pine	Red Pine	Jack Pine	Black Spruce	White Spruce	Balsam Fir	Cedar	Larch	Subtotal	Poplar	White Birch	MH	UH	LH		Subtotal
Net Merchantable:																		
BFM	9,638	3,213	-	-	241	3,842	800	1,870	-	-	6,753	1,504	183	-	-	-	1,687	8,440
CMX	528,454	252,931	18,558	12,797	161,918	151,837	36,634	68,205	40,119	1,045	491,113	168,675	68,524	-	-	1,719	238,918	730,031
HMX	510,384	765,098	22,830	17,950	100,114	94,086	89,040	136,652	41,745	-	502,417	601,226	140,276	-	260	29,293	771,055	1,273,472
OCL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OTH	7,363	53,208	-	-	-	2,066	979	4,967	6,774	797	15,583	7,807	1,335	-	813	31,606	41,561	57,144
PJD	366,843	35,275	-	-	256,500	52,793	318	1,445	-	107	311,163	16,617	5,359	-	-	-	21,976	333,139
PJM	632,285	79,336	603	3,592	320,967	187,483	5,624	13,572	-	-	531,841	57,400	16,355	-	-	462	74,217	606,058
POD	122,948	607,418	814	-	10,310	18,590	41,311	41,323	2,317	47	114,712	470,701	25,720	-	-	7,698	504,119	618,831
PRW	102,143	26,036	25,444	26,748	5,628	4,705	5,522	7,632	5,313	-	80,992	14,021	12,963	-	-	352	27,336	108,328
SBL	2,096	25	-	-	-	1,385	-	-	-	115	1,500	-	-	-	-	-	-	1,500
SPD	71,317	4,128	-	-	10,244	47,459	3,500	5,067	458	22	66,750	1,807	427	-	-	-	2,234	68,984
SPM	226,412	29,289	-	800	66,631	113,388	4,528	10,997	259	84	196,687	20,584	7,964	-	-	-	28,548	225,235
Subtotal	2,579,883	1,855,956	68,249	61,887	932,553	677,634	188,256	291,730	96,985	2,217	2,319,511	1,360,342	279,106	-	1,073	71,130	1,711,651	4,031,162
Defect (Branches, Twigs, Leaves, Bark):																		
BFM	1,665	716	-	-	24	762	127	495	-	-	1,407	328	47	-	-	-	375	1,782
CMX	72,370	55,704	1,335	494	16,178	30,095	5,816	18,041	2,430	42	74,432	36,754	17,582	-	-	103	54,439	128,871
HMX	82,111	163,209	1,642	693	10,003	18,649	14,137	36,147	2,528	-	83,798	131,007	35,992	-	12	1,748	168,760	252,558
OCL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OTH	1,219	4,680	-	-	-	409	155	1,314	410	32	2,321	1,701	343	-	38	1,886	3,968	6,289
PJD	40,734	7,672	-	-	25,629	10,464	50	382	-	4	36,530	3,621	1,375	-	-	-	4,996	41,526
PJM	81,581	17,375	43	139	32,070	37,161	893	3,590	-	-	73,896	12,507	4,196	-	-	28	16,731	90,627
POD	23,232	128,905	59	-	1,030	3,685	6,559	10,931	140	2	22,405	102,566	6,599	-	-	459	109,625	132,030
PRW	7,300	5,770	1,830	1,032	562	933	877	2,019	322	-	7,574	3,055	3,326	-	-	21	6,402	13,977
SBL	370	4	-	-	-	275	-	-	-	5	279	-	-	-	-	-	-	279
SPD	12,203	907	-	-	1,024	9,407	556	1,340	28	1	12,355	394	110	-	-	-	503	12,858
SPM	32,537	6,395	-	31	6,658	22,474	719	2,909	16	3	32,810	4,485	2,043	-	-	-	6,529	39,338
Subtotal	355,321	391,336	4,909	2,388	93,178	134,312	29,889	77,167	5,874	90	347,807	296,419	71,613	-	50	4,245	372,328	720,135
Undersize:																		
BFM	431	163	-	-	4	184	22	124	-	-	334	40	18	-	-	-	57	391
CMX	17,166	11,348	104	1,571	2,563	7,291	993	4,535	439	245	17,742	4,460	6,608	-	-	303	11,371	29,113
HMX	19,459	34,532	128	2,204	1,585	4,518	2,414	9,087	457	-	20,392	15,896	13,528	-	29	5,170	34,623	55,015
OCL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OTH	394	7,427	-	-	-	99	27	330	74	187	717	206	129	-	90	5,579	6,004	6,721
PJD	7,344	1,354	-	-	4,061	2,535	9	96	-	25	6,725	439	517	-	-	-	956	7,681
PJM	16,371	3,331	3	441	5,081	9,002	152	902	-	-	15,583	1,518	1,577	-	-	82	3,176	18,759
POD	5,305	18,651	5	-	163	893	1,120	2,748	25	11	4,965	12,445	2,480	-	-	1,359	16,284	21,249
PRW	5,765	1,252	143	3,284	89	226	150	507	58	-	4,457	371	1,250	-	-	62	1,683	6,140
SBL	123	2	-	-	-	67	-	-	-	27	93	-	-	-	-	-	-	93
SPD	2,855	180	-	-	162	2,279	95	337	5	5	2,883	48	41	-	-	-	89	2,972
SPM	6,951	1,183	-	98	1,055	5,445	123	731	3	20	7,474	544	768	-	-	-	1,312	8,786
Subtotal	82,163	79,423	383	7,598	14,763	32,538	5,104	19,399	1,061	520	81,366	35,966	26,917	-	119	12,555	75,557	156,923
Total	3,017,368	2,326,715	73,541	71,873	1,040,494	844,485	223,249	388,296	103,920	2,827	2,748,684	1,692,727	377,636	-	1,192	87,930	2,159,535	4,908,220

Source: 2012-2022 Kenora Forest Management Plan. Note: the sum of individual values may vary slightly due to rounding.



Figure 6 10-Year Planned Net Merchantable Harvest Volume by Species and Forest Unit (m3), Kenora Forest, 2012-2022

Forest Unit	10-Year Available Harvest (m3)		10-Year Planned Harvest Volume (m3)															Total
	Conifer	Hardwood	Conifer									Hardwood						
			White Pine	Red Pine	Jack Pine	Black Spruce	White Spruce	Balsam Fir	Cedar	Larch	Subtotal	Poplar	White Birch	MH	UH	LH	Subtotal	
Net Merchantable:																		
BFM	9,638	3,213	-	-	241	3,842	800	1,870	-	-	6,753	1,504	183	-	-	-	1,687	8,440
CMX	528,454	252,931	18,558	12,797	161,918	151,837	36,634	68,205	40,119	1,045	491,113	168,675	68,524	-	-	1,719	238,918	730,031
HMX	510,384	765,098	22,830	17,950	100,114	94,086	89,040	136,652	41,745	-	502,417	601,226	140,276	-	260	29,293	771,055	1,273,472
OCL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OTH	7,363	53,208	-	-	-	2,066	979	4,967	6,774	797	15,583	7,807	1,335	-	813	31,606	41,561	57,144
PJD	366,843	35,275	-	-	256,500	52,793	318	1,445	-	107	311,163	16,617	5,359	-	-	-	21,976	333,139
PJM	632,285	79,336	603	3,592	320,967	187,483	5,624	13,572	-	-	531,841	57,400	16,355	-	-	462	74,217	606,058
POD	122,948	607,418	814	-	10,310	18,590	41,311	41,323	2,317	47	114,712	470,701	25,720	-	-	7,698	504,119	618,831
PRW	102,143	26,036	25,444	26,748	5,628	4,705	5,522	7,632	5,313	-	80,992	14,021	12,963	-	-	352	27,336	108,328
SBL	2,096	25	-	-	-	1,385	-	-	-	115	1,500	-	-	-	-	-	-	1,500
SPD	71,317	4,128	-	-	10,244	47,459	3,500	5,067	458	22	66,750	1,807	427	-	-	-	2,234	68,984
SPM	226,412	29,289	-	800	66,631	113,388	4,528	10,997	259	84	196,687	20,584	7,964	-	-	-	28,548	225,235
Subtotal	2,579,883	1,855,956	68,249	61,887	932,553	677,634	188,256	291,730	96,985	2,217	2,319,511	1,360,342	279,106	-	1,073	71,130	1,711,651	4,031,162

Source: 2012-2022 Kenora Forest Management Plan. Note: the sum of individual values may vary slightly due to rounding.

Figure 7 10-Year Planned Defect Harvest Volume by Species and Forest Unit (m3), Kenora Forest, 2012-2022

Forest Unit	10-Year Available Harvest (m3)		10-Year Planned Harvest Volume (m3)															Total
	Conifer	Hardwood	Conifer									Hardwood						
			White Pine	Red Pine	Jack Pine	Black Spruce	White Spruce	Balsam Fir	Cedar	Larch	Subtotal	Poplar	White Birch	MH	UH	LH	Subtotal	
Defect (Branches, Twigs, Leaves, Bark):																		
BFM	1,665	716	-	-	24	762	127	495	-	-	1,407	328	47	-	-	-	375	1,782
CMX	72,370	55,704	1,335	494	16,178	30,095	5,816	18,041	2,430	42	74,432	36,754	17,582	-	-	103	54,439	128,871
HMX	82,111	163,209	1,642	693	10,003	18,649	14,137	36,147	2,528	-	83,798	131,007	35,992	-	12	1,748	168,760	252,558
OCL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OTH	1,219	4,680	-	-	-	409	155	1,314	410	32	2,321	1,701	343	-	38	1,886	3,968	6,289
PJD	40,734	7,672	-	-	25,629	10,464	50	382	-	4	36,530	3,621	1,375	-	-	-	4,996	41,526
PJM	81,581	17,375	43	139	32,070	37,161	893	3,590	-	-	73,896	12,507	4,196	-	-	28	16,731	90,627
POD	23,232	128,905	59	-	1,030	3,685	6,559	10,931	140	2	22,405	102,566	6,599	-	-	459	109,625	132,030
PRW	7,300	5,770	1,830	1,032	562	933	877	2,019	322	-	7,574	3,055	3,326	-	-	21	6,402	13,977
SBL	370	4	-	-	-	275	-	-	-	5	279	-	-	-	-	-	-	279
SPD	12,203	907	-	-	1,024	9,407	556	1,340	28	1	12,355	394	110	-	-	-	503	12,858
SPM	32,537	6,395	-	31	6,658	22,474	719	2,909	16	3	32,810	4,485	2,043	-	-	-	6,529	39,338
Subtotal	355,321	391,336	4,909	2,388	93,178	134,312	29,889	77,167	5,874	90	347,807	296,419	71,613	-	50	4,245	372,328	720,135

Source: 2012-2022 Kenora Forest Management Plan. Note: the sum of individual values may vary slightly due to rounding.



Figure 8 10-Year Planned Undersize Harvest Volume by Species and Forest Unit (m3), Kenora Forest, 2012-2022

Forest Unit	10-Year Available Harvest (m3)		10-Year Planned Harvest Volume (m3)															
	Conifer	Hardwood	Conifer									Hardwood					Total	
			White Pine	Red Pine	Jack Pine	Black Spruce	White Spruce	Balsam Fir	Cedar	Larch	Subtotal	Poplar	White Birch	MH	UH	LH		Subtotal
Undersize:																		
BFM	431	163	-	-	4	184	22	124	-	-	334	40	18	-	-	-	57	391
CMX	17,166	11,348	104	1,571	2,563	7,291	993	4,535	439	245	17,742	4,460	6,608	-	-	303	11,371	29,113
HMX	19,459	34,532	128	2,204	1,585	4,518	2,414	9,087	457	-	20,392	15,896	13,528	-	29	5,170	34,623	55,015
OCL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OTH	394	7,427	-	-	-	99	27	330	74	187	717	206	129	-	90	5,579	6,004	6,721
PJD	7,344	1,354	-	-	4,061	2,535	9	96	-	25	6,725	439	517	-	-	-	956	7,681
PJM	16,371	3,331	3	441	5,081	9,002	152	902	-	-	15,583	1,518	1,577	-	-	82	3,176	18,759
POD	5,305	18,651	5	-	163	893	1,120	2,748	25	11	4,965	12,445	2,480	-	-	1,359	16,284	21,249
PRW	5,765	1,252	143	3,284	89	226	150	507	58	-	4,457	371	1,250	-	-	62	1,683	6,140
SBL	123	2	-	-	-	67	-	-	-	27	93	-	-	-	-	-	-	93
SPD	2,855	180	-	-	162	2,279	95	337	5	5	2,883	48	41	-	-	-	89	2,972
SPM	6,951	1,183	-	98	1,055	5,445	123	731	3	20	7,474	544	768	-	-	-	1,312	8,786
Subtotal	82,163	79,423	383	7,598	14,763	32,538	5,104	19,399	1,061	520	81,366	35,966	26,917	-	119	12,555	75,557	156,923
Total	3,017,368	2,326,715	73,541	71,873	1,040,494	844,485	223,249	388,296	103,920	2,827	2,748,684	1,692,727	377,636	-	1,192	87,930	2,159,535	4,908,220

Source: 2012-2022 Kenora Forest Management Plan. Note: the sum of individual values may vary slightly due to rounding.



Figure 9 Five Year Planned Wood Utilization by Mill and Species, Kenora Forest

Mill	Commitment Type	Committed Volume (m3/yr)	Year	Product	10-Year Planned Harvest Volume (m3)														Total		
					Conifer								Hardwood								
					White Pine	Red Pine	Jack Pine	Black Spruce	White Spruce	Balsam Fir	Cedar	Larch	Subtotal	Poplar	White Birch	MH	UH	LH		Subtotal	
Weyerhaeuser - Kenora	Ministerial Directive	All intolerant hardwood	All	Strand Bolts	-	-	-	-	-	-	-	-	-	-	691,152	150,532	-	-	-	-	841,684
AbiBow, Fort Frances	Ministerial Directive	90,000 conifer	All	Pulp	-	-	100,000	220,000	30,000	100,000	-	-	450,000	-	-	-	-	-	-	-	450,000
Kenora Forest Products	Ministerial Directive	101,000 SPF	All	Sawlog	-	-	342,000	108,000	55,000	-	-	-	505,000	-	-	-	-	-	-	-	505,000
Dave Burt	Ministerial Directive	4,200 conifer	All	Sawlog	9,300	7,700	4,000	-	-	-	-	-	21,000	-	-	-	-	-	-	-	21,000
Wincrief	Ministerial Directive	9,000 conifer	All	Poles	-	20,000	25,000	-	-	-	-	-	45,000	-	-	-	-	-	-	-	45,000
E&G Custom Sawing	Ministerial Directive	2,000 conifer	All	Sawlog	3,000	4,000	-	-	3,000	-	-	-	10,000	-	-	-	-	-	-	-	10,000
Lougheed	Ministerial Directive	750 conifer	All	Sawlog	1,750	2,000	-	-	-	-	-	-	3,750	-	-	-	-	-	-	-	3,750
Open Market	Open Market		All	Fibre	18,995	88	97	831	9,000	64,781	47,510	1,043	142,345	-	-	-	1,073	50,807	51,880	194,225	
Open Market	Open Market		All	Defect/Undersize	2,562	5,452	54,528	80,967	18,031	54,545	3,397	287	219,768	168,876	53,141	-	169	12,000	234,186	453,954	
Total					35,607	39,240	525,625	409,798	115,031	219,326	50,907	1,330	1,396,863	860,028	203,673	-	1,242	62,807	1,127,750	2,524,613	

Source: 2012-2022 Kenora Forest Management Plan. Note: the sum of individual values may vary slightly due to rounding.

