

AGGREGATE RESOURCES STATISTICS IN ONTARIO

PRODUCTION STATISTICS

2013



Prepared by:

**The Ontario Aggregate
Resources Corporation**

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AGGREGATE RESOURCES STATISTICS IN ONTARIO

Overview

Aggregate resources are used in the everyday lives of all Ontario residents, and make up an integral part of our roads, sidewalks, sewers, subway tunnels and airports, as well as our homes, offices, hospitals, schools and shopping centres. On average, Ontarians use about 14 tonnes of aggregate per person per year.

The aggregate industry plays a foundational role within the Ontario economy. The economic activity generated by the industry begins with the aggregate production itself but also feeds industries which receive and use the raw materials: including cement and concrete products, other aggregate-based products (asphalt, chemical, clay, glass, etc.) and construction.

In 2013, there were 3,701 licences for pits and quarries on private land in areas designated under the Aggregate Resources Act (refer to Appendix D – Map of Areas Designated), 2,662 aggregate permits on Crown land and 2 wayside permits.

Aggregate Production

Overall production of mineral aggregates in 2013 totaled approximately 143 million tonnes, down 9 million tonnes or 5.9% from the previous year. Production from licenced operations was down 7 million tonnes or 5.0% compared to 2012. Forestry Aggregate Pits (formerly Category 14) pit production has remained the same. Similar to 2012, there was no wayside permit production in 2013. Production from aggregate permits on Crown Land decreased 22.2% from 2012 (7 million in 2013 from 9 million tonnes in 2012).

Note: Totals and percentage changes are based on rounded numbers from Table 1.

Table 1

AGGREGATE PRODUCTION IN ONTARIO - 2001 - 2013
(rounded to nearest million tonnes)

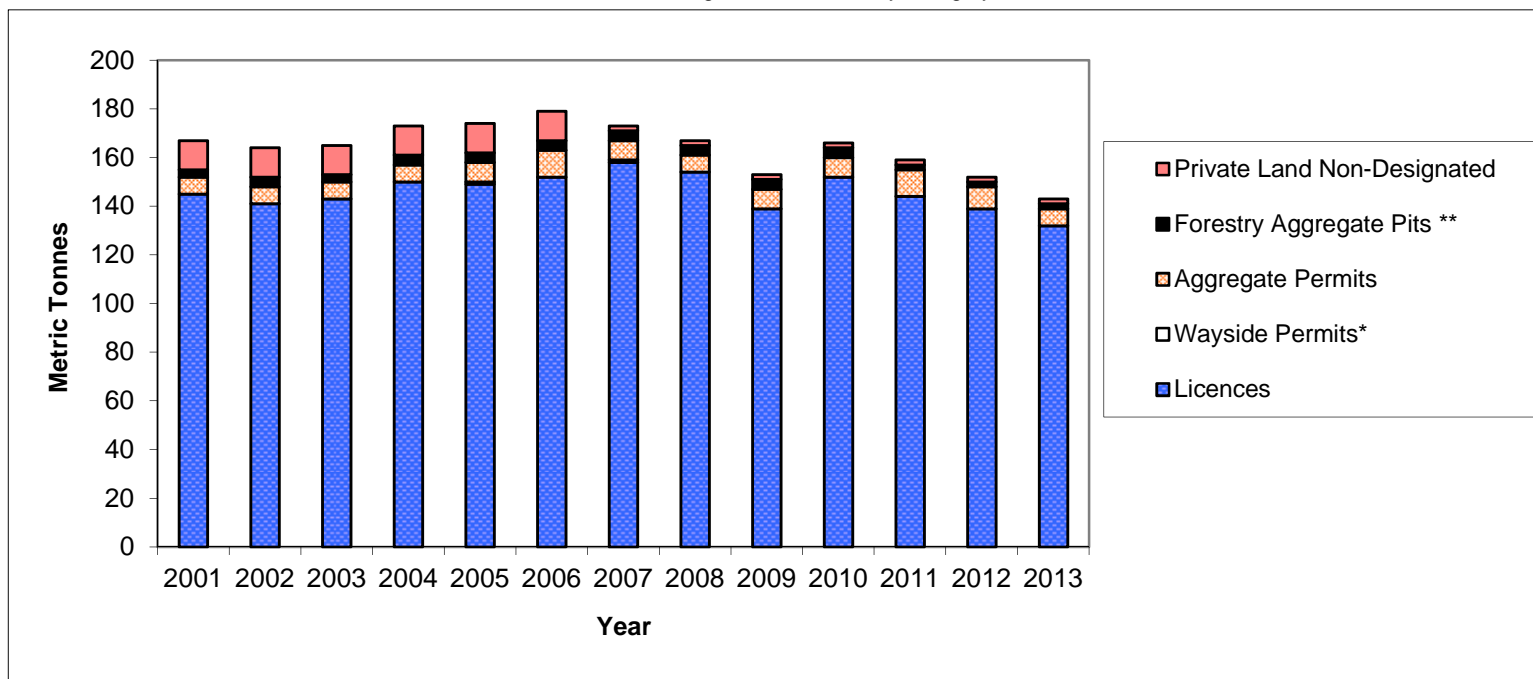
	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Licences	145	141	143	150	149	152	158	154	139	152	144	139	132
Wayside Permits*	0	0	0	0	1	0	1	0	0	0	0	0	0
Aggregate Permits	7	7	7	7	8	11	8	7	8	8	11	9	7
Forestry Aggregate Pits **	3	4	3	4	4	4	4	4	4	4	2	2	2
Private Land Non-Designated (estimated)	12	12	12	12	12	12	2	2	2	2	2	2	2
ONTARIO TOTAL	167	164	165	173	174	179	173	167	153	166	159	152	143

*Wayside Permit production is reported as the 'total applied for' tonnage of all permits issued, adjusted where actual tonnages for completed contracts are known.

*Actual production for Wayside Permits was .2 million tonnes for 2001, .3 million tonnes for 2002, .3 million tonnes for 2003, .1 million tonnes for 2004, .3 million tonnes for 2006

.1 million tonnes for 2008, .2 million tonnes for 2009, zero tonnes for 2010 through 2013; ** Formerly Category 14

2



Production Statistics Report
Table 2 Lower Tier Grouping Guidelines

The guiding principal is to not disclose the confidential information of a single client's tonnage.

1. There must be a least 3 clients with a minimum of 2 reporting tonnage, each with licenses, in any municipal (lower) tier that appears in the stats report.
2. If the above guideline can't be met then the grouping of lower tiers is required based on the following rules:
 - a. Upper tiers with multiple lower tier groups of 2 or less must be combined for the 3 client minimum lower tier grouping provided there are at least 2 clients reporting tonnage.
 - b. The preferred criteria for determining groups will be based on geographical proximity.
 - c. A single lower tier reporting ZERO tonnage is not reported if it is not required for the above minimum 3 client grouping.
 - d. If geographic proximity can't be resolved then historical (grouping of past stats reports) will determine grouping.

Table 2

**LICENCE AND WAYSIDE PERMIT PRODUCTION
BY LOWER TIER MUNICIPALITY**

Municipality	Licences (Reported in Metric Tonnes)	Wayside Permits	Total
<i>Algoma District</i>			
Algoma District, Unorganized	75,848.11		75,848.11
Blind River, Town of	31,204.79		31,204.79
Bruce Mines, Town of/Plummer Additional Tp	1,024,653.50		1,024,653.50
Elliot Lake, City of/Spanish, Town of/The North Shore, Tp	45,625.81		45,625.81
Hilton Tp	39,874.16		39,874.16
Huron Shores, Municipality of	576,807.33		576,807.33
Jocelyn Tp	14,980.40		14,980.40
Laird Tp/St. Joseph Tp	8,938.90		8,938.90
Johnson Tp/Tarbutt & Tarbutt Add'l Tp	29,946.22		29,946.22
Macdonald, Meredith & Aberdeen Add'l Tp	4,334.83		4,334.83
Sault Ste. Marie, City of/Prince Tp	542,223.55		542,223.55
Sub-Total	2,394,437.60	0.00	2,394,437.60
<i>Brant</i>			
Brant, County of/Brantford, City of	1,650,163.14		1,650,163.14
Sub-Total	1,650,163.14	0.00	1,650,163.14
<i>Bruce</i>			
Arran-Elderslie, Municipality of	185,806.47		185,806.47
Brockton, Municipality of	67,034.86		67,034.86
Huron-Kinloss Tp	275,072.20		275,072.20
Kincardine, Municipality of	24,004.65		24,004.65
Northern Bruce Peninsula, Municipality of	99,852.33		99,852.33
Saugeen Shores, Town of	100,595.09		100,595.09
South Bruce, Municipality of	251,353.13		251,353.13
South Bruce Peninsula, Town of	358,221.59		358,221.59
Sub-Total	1,361,940.32	0.00	1,361,940.32
<i>Chatham-Kent</i>			
Chatham-Kent, Municipality of	281,614.12		281,614.12
Sub-Total	281,614.12	0.00	281,614.12
<i>Dufferin</i>			
Amaranth Tp/East Luther Grand Valley Tp	177,993.60		177,993.60
East Garafraxa Tp	984,149.34		984,149.34
Melancthon Tp	595,627.82		595,627.82
Mono Tp	404,978.95		404,978.95
Mulmur Tp	183,080.96		183,080.96
Sub-Total	2,345,830.67	0.00	2,345,830.67
<i>Durham</i>			
Brock Tp	1,023,706.20		1,023,706.20
Clarington, Municipality of	5,299,495.54		5,299,495.54
Oshawa, City of/Scugog Tp	87,299.92		87,299.92
Uxbridge Tp	3,653,274.40		3,653,274.40
Sub-Total	10,063,776.06	0.00	10,063,776.06
<i>Elgin</i>			
Bayham/West Elgin, Municipality of	163,813.10		163,813.10
Central Elgin, Municipality of	193,211.55		193,211.55
Sub-Total	357,024.65	0.00	357,024.65

Table 2

**LICENCE AND WAYSIDE PERMIT PRODUCTION
BY LOWER TIER MUNICIPALITY**

Municipality	Licences (Reported in Metric Tonnes)	Wayside Permits	Total
Essex			
Amherstburg, Town of/Leamington, Municipality of/Pelee Tp	1,754,646.20		1,754,646.20
Kingsville, Town of	344,634.19		344,634.19
Sub-Total	2,099,280.39	0.00	2,099,280.39
Frontenac			
Central Frontenac Tp	221,161.47		221,161.47
Frontenac Islands Tp	28,383.83		28,383.83
Kingston, City of	1,140,381.31		1,140,381.31
North Frontenac Tp	112,024.02		112,024.02
South Frontenac Tp	519,827.42		519,827.42
Sub-Total	2,021,778.05	0.00	2,021,778.05
Greater Sudbury			
Greater Sudbury, City of	2,565,468.20		2,565,468.20
Sub-Total	2,565,468.20	0.00	2,565,468.20
Grey			
Chatsworth Tp	321,455.71		321,455.71
Georgian Bluffs, Tp	497,027.31		497,027.31
Grey Highlands, Municipality of	488,443.71		488,443.71
Meaford, Municipality of	400,796.76		400,796.76
Southgate Tp	359,293.09		359,293.09
The Blue Mountains, Town of	193,729.61		193,729.61
West Grey, Municipality of	540,544.30		540,544.30
Sub-Total	2,801,290.49	0.00	2,801,290.49
Haldimand			
Haldimand, County of	1,173,522.09		1,173,522.09
Sub-Total	1,173,522.09	0.00	1,173,522.09
Haliburton			
Algonquin Highlands, Tp	43,287.81		43,287.81
Dysart et al, Tp	224,807.39		224,807.39
Highlands East, Tp	19,261.47		19,261.47
Minden Hills, TP	135,406.49		135,406.49
Sub-Total	422,763.16	0.00	422,763.16
Halton			
Burlington, City of/Halton Hills, Town of	2,067,155.42		2,067,155.42
Milton, Town of	4,761,167.99		4,761,167.99
Sub-Total	6,828,323.41	0.00	6,828,323.41
Hamilton			
Hamilton, City of	4,879,046.21		4,879,046.21
Sub-Total	4,879,046.21	0.00	4,879,046.21

Table 2

**LICENCE AND WAYSIDE PERMIT PRODUCTION
BY LOWER TIER MUNICIPALITY**

Municipality	Licences (Reported in Metric Tonnes)	Wayside Permits	Total
Hastings			
Bancroft, Town of	10,942.35		10,942.35
Belleville, City of	734,898.74		734,898.74
Carlo/Mayo Tp	7,731.28		7,731.28
Centre Hastings, Municipality of	72,453.22		72,453.22
Faraday Tp	18,289.56		18,289.56
Hasting Highlands	169,789.98		169,789.98
Limerick Tp	20,097.44		20,097.44
Madoc Tp	582,625.27		582,625.27
Marmorra & Lake, Municipality of	16,893.50		16,893.50
Quinte West, City of	621,405.68		621,405.68
Tweed, Municipality of	36,337.85		36,337.85
Tyendinaga Tp	190,732.36		190,732.36
Wollaston	29,887.32		29,887.32
Sub-Total	2,512,084.55	0.00	2,512,084.55
Huron			
Ashfield-Colborne-Wawanosh Tp	768,787.40		768,787.40
Bluewater, Municipality of	2,754.24		2,754.24
Central Huron, Municipality of	541,104.71		541,104.71
Howick Tp	200,709.14		200,709.14
Huron East, Municipality of	864,083.03		864,083.03
Morris-Turnberry, Municipality of	125,852.90		125,852.90
North Huron Tp	89,754.98		89,754.98
South Huron Tp	141,783.26		141,783.26
Sub-Total	2,734,829.66	0.00	2,734,829.66
Kawartha Lakes			
Kawartha Lakes, City of	4,315,271.10		4,315,271.10
Sub-Total	4,315,271.10	0.00	4,315,271.10
Lambton			
Lambton Shores, Municipality of	123,222.07		123,222.07
Plympton-Wyoming, Town of	3,585.54		3,585.54
Warwick Tp	295,714.75		295,714.75
Sub-Total	422,522.36	0.00	422,522.36
Lanark			
Beckwith Tp/Drummond-North Elmsley Tp	191,152.02		191,152.02
Lanark Highlands Tp	955,366.52		955,366.52
Mississippi Mills, Town of	370,101.55		370,101.55
Montague Tp	216,480.21		216,480.21
Tay Valley Tp	38,273.12		38,273.12
Sub-Total	1,771,373.42	0.00	1,771,373.42

Table 2

**LICENCE AND WAYSIDE PERMIT PRODUCTION
BY LOWER TIER MUNICIPALITY**

Municipality	(Reported in Metric Tonnes)	Licences	Wayside Permits	Total
<i>Leeds & Grenville</i>				
Athens Tp/Front of Yonge Tp/Leeds and Thousand Islands Tp		207,754.30		207,754.30
Augusta Tp		73,036.68		73,036.68
Edwardsburgh-Cardinal Tp		112,775.04		112,775.04
Elizabethtown-Kitley Tp/Merrickville-Wolford, Village of		368,896.07		368,896.07
Leeds and Thousand Islands Tp		324,329.77		324,329.77
North Grenville Tp		559,362.71		559,362.71
Rideau Lakes Tp		209,484.50		209,484.50
Sub-Total		1,855,639.07	0.00	1,855,639.07
<i>Lennox & Addington</i>				
Addington Highlands Tp		24,264.96		24,264.96
Greater Napanee, Town of		169,372.49		169,372.49
Loyalist Tp		1,559,068.53		1,559,068.53
Stone Mills Tp		87,701.72		87,701.72
Sub-Total		1,840,407.70	0.00	1,840,407.70
<i>Manitoulin District</i>				
Assignack, Tp		20,094.59		20,094.59
Billings, Tp		42,604.15		42,604.15
Central Manitoulin Tp		32,692.52		32,692.52
Gordon/Barrie Island/Burpee & Mills, Tp/Cockburn Island, Tp		3,282.00		3,282.00
Northeastern Manitoulin & The Islands		56,799.84		56,799.84
Tehkummah, Tp		162,372.98		162,372.98
Unorganized - Manitoulin D		1,904,248.34		1,904,248.34
Sub-Total		2,222,094.42	0.00	2,222,094.42
<i>Middlesex</i>				
Adelaide Metcalfe Tp/Strathroy-Caradoc Tp		76,502.60		76,502.60
London, City of		791,282.77		791,282.77
Lucan Biddulph Tp		7,409.02		7,409.02
Middlesex Centre Tp		560,072.47		560,072.47
North Middlesex, Municipality of		114,680.48		114,680.48
Thames Centre, Municipality of		2,028,550.89		2,028,550.89
Sub-Total		3,578,498.23	0.00	3,578,498.23
<i>Muskoka</i>				
Bracebridge		600,922.88		600,922.88
Georgian Bay		20,359.13		20,359.13
Gravenhurst		98,860.59		98,860.59
Huntsville		938,418.78		938,418.78
Lake of Bays, Tp		219,384.44		219,384.44
Muskoka Lakes, Tp		206,758.65		206,758.65
Sub-Total		2,084,704.47	0.00	2,084,704.47
<i>Niagara</i>				
Fort Erie, Town of/Pelham, Town of/Port Colborne, City of/ Wainfleet Tp		2,073,474.97		2,073,474.97
Lincoln, Town of/Niagara-on-the-Lake, Town of		1,559,741.91		1,559,741.91
Niagara Falls, City of		956,361.05		956,361.05
Sub-Total		4,589,577.93	0.00	4,589,577.93

Table 2

**LICENCE AND WAYSIDE PERMIT PRODUCTION
BY LOWER TIER MUNICIPALITY**

Municipality	Licences (Reported in Metric Tonnes)	Wayside Permits	Total
<i>Nipissing District</i>			
Bonfield Tp/Calvin Tp	40,380.32		40,380.32
Chisholm Tp	41,178.52		41,178.52
Mattawan Tp/South Algonquin Tp/Unorganized - Nipissing D	10,644.20		10,644.20
North Bay, City of	517,415.29		517,415.29
Papineau-Cameron Tp	57,521.00		57,521.00
West Nipissing, Municipality of	379,799.29		379,799.29
Sub-Total	1,046,938.62	0.00	1,046,938.62
<i>Norfolk</i>			
Norfolk, County of	1,020,769.76		1,020,769.76
Sub-Total	1,020,769.76	0.00	1,020,769.76
<i>Northumberland</i>			
Alnwick-Haldimand Tp	137,017.24		137,017.24
Brighton, Municipality of	240,134.52		240,134.52
Cramahe Tp	1,772,687.36		1,772,687.36
Hamilton Tp	171,390.04		171,390.04
Port Hope, Municipality of	20,084.21		20,084.21
Trent Hills, Municipality of	213,178.30		213,178.30
Sub-Total	2,554,491.67	0.00	2,554,491.67
<i>Ottawa</i>			
Ottawa, City of	9,575,092.88		9,575,092.88
Sub-Total	9,575,092.88	0.00	9,575,092.88
<i>Oxford</i>			
Blandford-Blenheim Tp	384,606.73		384,606.73
East Zorra-Tavistock Tp/Norwich Tp	277,060.21		277,060.21
South-West Oxford Tp	1,027,033.18		1,027,033.18
Zorra Tp	4,127,152.60		4,127,152.60
Sub-Total	5,815,852.72	0.00	5,815,852.72
<i>Parry Sound District</i>			
Armour Tp/Burks Falls, Village of	77,935.41		77,935.41
Callander, Municipality of	24,866.40		24,866.40
Carling Tp/The Archipelago Tp	15,991.92		15,991.92
Joly Tp	26,496.53		26,496.53
Kearney, Town of	21,070.61		21,070.61
Macher Tp	28,852.65		28,852.65
Magnetawan, Municipality of	120,385.97		120,385.97
McDougall Tp/Parry Sound, Town of	39,420.59		39,420.59
McKeller Tp	3,588.00		3,588.00
McMurrich-Monteith Tp	25,681.44		25,681.44
Nipissing Tp	13,649.14		13,649.14
Perry Tp	49,297.73		49,297.73
Powassan, Municipality of	80,055.36		80,055.36
Ryerson Tp	49,880.68		49,880.68
Seguin Tp	335,534.30		335,534.30
Strong Tp	13,151.50		13,151.50
Unorganized - Parry Sound	272,430.41		272,430.41
Whitestone The Municipality of	20,455.76		20,455.76
Sub-Total	1,218,744.40	0.00	1,218,744.40

Table 2

**LICENCE AND WAYSIDE PERMIT PRODUCTION
BY LOWER TIER MUNICIPALITY**

(Reported in Metric Tonnes)

Municipality	Licences	Wayside Permits	Total
<i>Peel</i>			
Caledon, Town of	3,581,919.20		3,581,919.20
Sub-Total	3,581,919.20	0.00	3,581,919.20
<i>Perth</i>			
North Perth, Town of/St. Marys, Separated Town of	117,159.06		117,159.06
Perth East Tp	299,060.24		299,060.24
Perth South Tp	1,253,172.25		1,253,172.25
West Perth Tp	160,004.40		160,004.40
Sub-Total	1,829,395.95	0.00	1,829,395.95
<i>Peterborough</i>			
Asphodel-Norwood Tp	50,673.00		50,673.00
Cavan-Millbrook-North Monaghan Tp	109,435.68		109,435.68
Douro-Dummer Tp	701,930.08		701,930.08
Galway-Cavendish-Harvey Tp	375,005.88		375,005.88
Havelock-Belmont-Methuen Tp	687,543.18		687,543.18
North Kawartha Tp	2,416.11		2,416.11
Otonabee South Monaghan Tp	361,095.33		361,095.33
Selwyn Tp	305,090.38		305,090.38
Sub-Total	2,593,189.64	0.00	2,593,189.64
<i>Prescott & Russell</i>			
Alfred & Plantagenet Tp	255,396.40		255,396.40
Champlain Tp	616,340.70		616,340.70
Clarence-Rockland, City of	128,845.03		128,845.03
East Hawkesbury Tp	18,757.75		18,757.75
Russell Tp	41,761.79		41,761.79
The Nation, Municipality of	285,859.75		285,859.75
Sub-Total	1,346,961.42	0.00	1,346,961.42
<i>Prince Edward Co</i>			
Prince Edward, County of	1,286,867.53		1,286,867.53
Sub-Total	1,286,867.53	0.00	1,286,867.53
<i>Renfrew</i>			
Admaston-Bromley Tp/Renfrew, Town of	134,232.21		134,232.21
Bonnechere Valley Tp	121,550.28		121,550.28
Brudenell, Lyndoc and Raglan Tp	60,054.42		60,054.42
Deep River Tp/Head, Clara & Maria Tp	15,800.00		15,800.00
Greater Madawaska Tp	19,063.84		19,063.84
Horton Tp	295,819.41		295,819.41
Killaloe, Hagarty and Richards Tp	54,636.92		54,636.92
Laurentian Hills	32,591.26		32,591.26
Laurentian Valley Tp	456,217.45		456,217.45
Madawaska Valley	74,833.21		74,833.21
McNab-Braeside Tp	241,745.02		241,745.02
North Algona-Wilberforce Tp	55,126.03		55,126.03
Petawawa, Town of	214,092.14		214,092.14
Whitewater Region Tp	149,730.54		149,730.54
Sub-Total	1,925,492.73	0.00	1,925,492.73

Table 2

**LICENCE AND WAYSIDE PERMIT PRODUCTION
BY LOWER TIER MUNICIPALITY**

Municipality	Licences (Reported in Metric Tonnes)	Wayside Permits	Total
<i>Simcoe</i>			
Adjala-Tosorontio Tp	154,391.61		154,391.61
Clearview Tp	753,151.39		753,151.39
Collingwood, Town of/Essa Tp/Innisfil, Town of	167,376.36		167,376.36
Midland, Town of/Penetanguishine, Town of/	176,910.71		176,910.71
New Tecumseth, Town of	23,336.00		23,336.00
Oro-Medonte Tp	2,402,397.42		2,402,397.42
Ramara Tp	2,426,204.97		2,426,204.97
Severn Tp	2,954,346.06		2,954,346.06
Springwater Tp	767,098.36		767,098.36
Tay Tp	83,046.99		83,046.99
Tiny Tp	178,884.13		178,884.13
Sub-Total	10,087,144.00	0.00	10,087,144.00
<i>Stormont, Dundas & Glengarry</i>			
North Dundas Tp	567,742.10		567,742.10
North Glengarry Tp	92,162.14		92,162.14
North Stormont Tp	959,731.88		959,731.88
South Dundas Tp	312,332.30		312,332.30
South Glengarry Tp	393,386.67		393,386.67
South Stormont Tp	828,764.73		828,764.73
Sub-Total	3,154,119.82	0.00	3,154,119.82
<i>Sudbury District</i>			
Baldwin Tp	73,342.97		73,342.97
French River, Municipality of	105,435.09		105,435.09
Killarny, Municipality of/Nairn & Hyman Tp	106,068.00		106,068.00
Markstay-Warren, Municipality of	91,236.57		91,236.57
Sables Spanish Rivers Tp/Espanola, Town of	84,133.45		84,133.45
Sudbury District, Unorganized	374,577.49		374,577.49
Sub-Total	834,793.57	0.00	834,793.57
<i>Thunder Bay District</i>			
Conmee, Tp	180,576.06		180,576.06
Neebing, Municipality of	49,703.24		49,703.24
Oliver Paipoonge, Municipality of	268,190.33		268,190.33
Shuniah, Tp	331,202.40		331,202.40
Thunder Bay, City of	5,080.00		5,080.00
Sub-Total	834,752.03	0.00	834,752.03
<i>Waterloo</i>			
Cambridge, City of/Kitchener, City of	49,145.19		49,145.19
North Dumfries Tp	4,058,942.43		4,058,942.43
Wellesley Tp	1,209,623.88		1,209,623.88
Wilmot Tp	1,279,727.47		1,279,727.47
Woolwich Tp	294,100.16		294,100.16
Sub-Total	6,891,539.13	0.00	6,891,539.13

Table 2

**LICENCE AND WAYSIDE PERMIT PRODUCTION
BY LOWER TIER MUNICIPALITY**

Municipality	(Reported in Metric Tonnes)	Licences	Wayside Permits	Total
Wellington				
Centre Wellington Tp		983,005.90		983,005.90
Erin, Town of		1,075,338.22		1,075,338.22
Guelph-Eramosa Tp		508,356.36		508,356.36
Mapleton Tp		34,514.57		34,514.57
Minto, Town of		264,804.08		264,804.08
Puslinch Tp		3,486,264.83		3,486,264.83
Wellington North Tp		106,494.31		106,494.31
Sub-Total		6,458,778.27	0.00	6,458,778.27
York				
East Gwillimbury, Town of		43,146.03		43,146.03
Georgina, Town of		13,230.55		13,230.55
Whitchurch-Stouffville, Town of		685,244.77		685,244.77
Sub-Total		741,621.35	0.00	741,621.35
GRAND TOTAL		131,971,726.16	0.00	131,971,726.16

Table 3

**LICENCE AND WAYSIDE PRODUCTION
BY UPPER TIER MUNICIPALITY
(Million Tonnes)**

Municipality	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Algoma, District of	0.8	1.9	1.2	2.8	2.9	2.6	2.9	2.9	2.6	2.4
Brant Co.	2.0	1.8	2.3	2.3	2.2	1.4	1.9	1.7	1.7	1.7
Bruce Co.	1.9	1.8	2.3	2.4	2.0	1.7	2.3	1.7	1.5	1.4
Chatham-Kent, R. M. of	0.3	0.4	0.3	0.3	0.2	0.3	0.3	0.4	0.2	0.3
Dufferin Co.	2.7	2.9	3.1	3.0	3.1	2.7	2.7	2.3	2.2	2.3
Durham, R. M. of	12.6	13.2	12.2	11.7	10.0	8.3	9.6	10.2	9.9	10.1
Elgin Co.	0.7	0.8	0.7	0.6	0.6	0.6	0.5	0.5	0.4	0.4
Essex Co.	1.9	1.7	1.6	1.7	1.6	1.7	2.6	2.0	2.0	2.1
Frontenac Co.	2.2	2.4	2.1	2.1	2.9	2.6	2.3	2.2	1.9	2.0
Greater Sudbury, City of	2.2	2.8	2.9	2.7	3.2	2.1	2.5	3.1	2.7	2.6
Grey Co.	3.2	3.7	3.4	3.2	3.3	2.9	3.5	3.0	2.6	2.8
Haldimand Co.	1.6	2.0	1.8	1.4	1.3	1.1	1.4	1.2	1.3	1.2
Haliburton Co.	----	----	----	0.5	0.6	0.5	0.5	0.5	0.4	0.4
Halton, R. M. of	11.4	10.9	9.6	9.5	8.5	6.9	7.2	8.7	7.4	6.8
Hamilton, City of	6.3	5.6	6.2	5.6	5.7	4.9	5.3	5.0	5.0	4.9
Hastings Co.	2.3	2.1	2.3	2.6	3.0	3.4	3.5	3.1	2.7	2.5
Huron Co.	2.5	2.6	2.7	2.9	2.9	3.0	2.5	2.8	2.5	2.7
Kawartha Lakes, City of	6.8	6.8	6.5	5.9	5.5	4.5	4.6	4.7	5.1	4.3
Lambton Co.	0.5	0.7	0.7	0.5	0.6	0.5	0.5	0.5	0.4	0.4
Lanark Co.	2.3	2.3	2.3	2.3	1.9	2.5	2.9	1.8	1.5	1.8
Leeds & Grenville Co.'s	2.2	2.3	2.3	2.0	2.3	2.1	2.6	2.0	2.1	1.9
Lennox & Addington Co.	1.8	1.9	1.9	2.0	2.0	2.0	2.4	2.2	2.2	1.8
Manitoulin, District of	----	----	----	3.6	3.9	2.9	3.6	3.2	2.5	2.2
Middlesex Co.	6.2	6.2	5.6	5.2	4.8	4.3	4.8	4.0	3.8	3.6
Muskoka	----	----	----	2.1	2.1	2.3	2.4	2.1	1.9	2.1
Niagara, R. M. of	4.7	4.5	5.1	4.0	4.0	3.9	4.6	3.9	4.7	4.6
Nipissing, District of	----	----	----	1.3	1.2	1.2	1.1	1.1	1.2	1.0
Norfolk Co.	0.5	0.4	0.5	0.5	0.5	0.4	0.5	0.5	0.8	1.0
Northumberland Co.	3.3	3.5	3.4	3.4	3.0	2.8	3.1	2.7	3.1	2.6
Ottawa, City of	9.9	10.6	11.1	11.4	11.2	11.0	12.7	10.9	10.6	9.6
Oxford Co.	4.8	5.0	5.4	7.1	5.8	4.9	5.2	4.9	5.6	5.8
Parry Sound, District of	----	----	----	1.5	1.8	2.4	3.5	2.1	1.5	1.2
Peel, R. M. of	5.3	5.1	5.3	4.7	3.8	3.6	3.9	3.6	3.9	3.6
Perth Co.	2.0	2.0	2.4	2.1	1.9	1.9	2.7	2.2	2.1	1.8
Peterborough Co.	2.5	2.7	2.6	2.9	3.2	3.2	3.3	3.2	2.6	2.6
Prescott & Russell Co.'s	1.4	1.7	1.5	1.4	1.7	1.7	1.6	1.6	1.5	1.3
Prince Edward Co.	2.2	2.4	2.2	2.4	2.4	1.6	1.7	1.6	1.6	1.3
Renfrew Co.	1.7	1.3	1.9	2.3	2.1	2.3	2.3	2.2	2.2	1.9
Simcoe Co.	12.7	12.6	13.4	12.0	12.1	10.5	10.3	10.7	10.5	10.1
Stormont, Dundas & Glengarry Co.'s	3.5	3.0	3.4	2.8	3.2	3.4	3.3	4.1	3.5	3.2
Sudbury, District of	0.6	0.8	0.8	1.7	1.1	0.8	0.8	0.9	1.0	0.8
Thunder Bay, District of	----	----	----	0.3	0.7	1.0	0.8	1.0	1.1	0.8
Waterloo, R. M. of	9.5	8.2	9.3	8.2	7.9	7.1	7.5	7.8	7.3	6.9
Wellington Co.	9.1	8.3	8.8	9.0	8.0	6.6	6.8	6.5	7.0	6.5
York, R. M. of	1.9	1.0	1.0	0.7	1.1	1.0	0.7	0.6	0.9	0.7
TOTAL	149.8	149.7	151.9	158.9	153.8	139.0	151.7	143.7	139.3	132.0

Note: Totals may not equal due to rounding.

Table 4

**LICENCE PRODUCTION IN 2013
THE TOP TEN PRODUCING MUNICIPALITIES
(Rounded to nearest million tonnes)**

Municipality(1)	County/Region	2013 Production	Production(2)				
			2012	2011	2010	2009	2008
1 City of Ottawa	City of Ottawa	9.6	10.6	10.9	12.7	11.0	11.2
2 Municipality of Clarington	Durham	5.3	5.1	5.0	4.9	4.1	4.6
3 City of Hamilton	City of Hamilton	4.9	5.0	5.0	5.3	4.9	5.7
4 Town of Milton	Halton	4.8	4.4	4.9	3.7	3.7	4.5
5 City of Kawartha Lakes	City of Kawartha Lakes	4.3	5.1	4.7	4.6	4.5	5.5
6 Township of Zorra	Oxford	4.1	4.1	3.6	3.3	2.8	3.6
7 Township of North Dumfries	Waterloo	4.1	4.4	4.5	3.8	3.4	3.7
8 Town of Caledon	Peel	3.7	3.9	3.6	3.9	3.6	3.8
9 Township of Uxbridge	Durham	3.6	3.6	3.9	3.4	3.0	3.7
10 Puslinch Township	Wellington County	3.5	3.8	3.1	3.6	3.4	3.9
Total		47.9	50.0	49.2	49.2	44.4	50.2

Notes:

1. Municipalities are ranked in order of their licenced production for 2013.
2. Historical data are for current year's Top Ten Producing Municipalities.
3. Pre 2009 historical data for Table 4 has been corrected effective February 24, 2011.

Table 5

**NUMBER AND TYPE OF AGGREGATE LICENCES
(Reported by MNR District)**

District	No. of Licences	Category		Type of Operation			
		Class A	Class B	Pit	Quarry	Pit & Quarry	Underwater
Aurora (GTA)	137	120	17	121	16	0	0
Aylmer	304	238	66	289	9	6	0
Bancroft	266	99	167	191	33	42	0
Guelph (Cambridge)	459	393	66	420	36	3	0
Kemptville	467	283	184	325	119	23	0
Midhurst	481	365	116	418	58	5	0
North Bay	141	61	80	109	7	25	0
Parry Sound	299	119	180	193	10	96	0
Pembroke	223	75	148	201	12	10	0
Peterborough (Tweed)	531	296	235	424	90	17	0
Sault Ste. Marie	100	56	44	81	6	13	0
Sudbury	233	127	106	165	20	48	0
Thunder Bay	58	24	34	46	3	9	0
Wawa	2	2	0	1	0	1	0
TOTAL	3,701	2,258	1,443	2,984	419	298	0

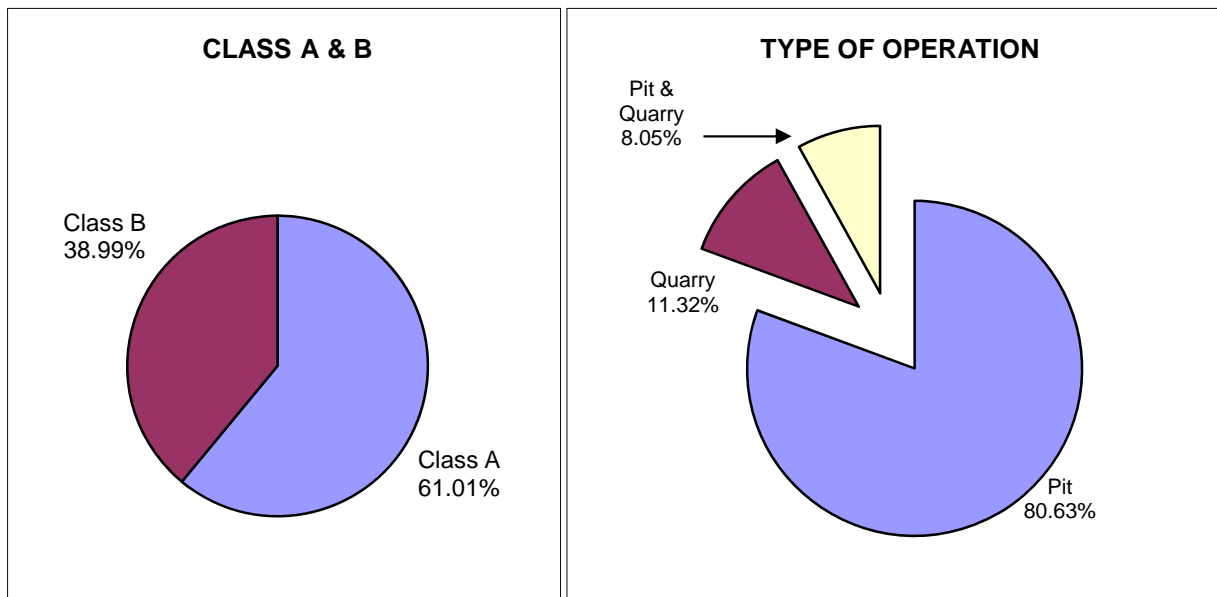
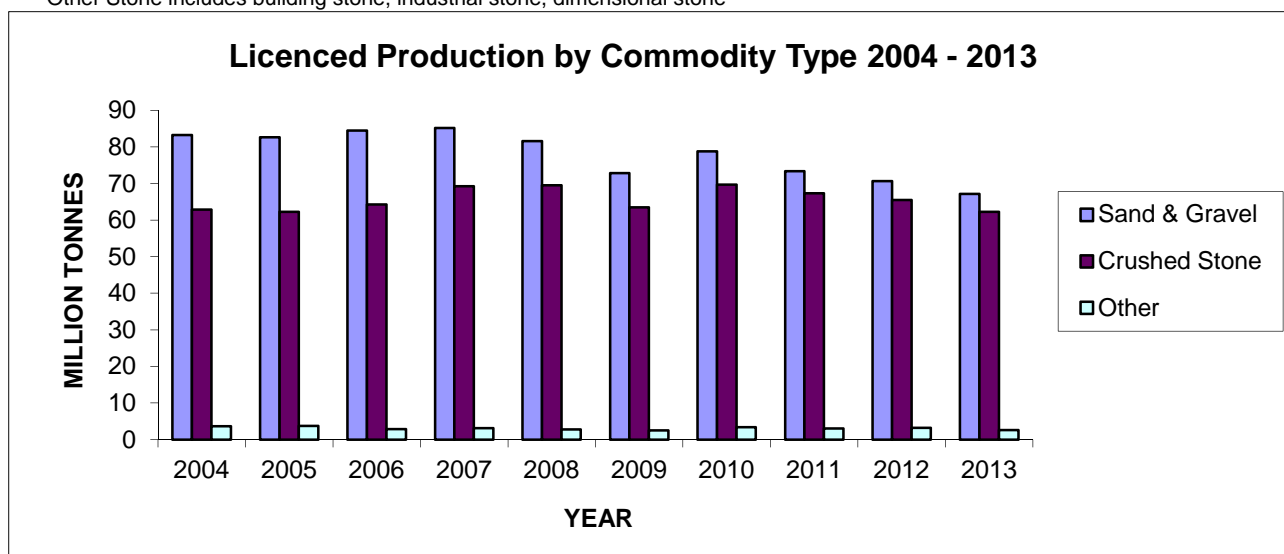


Table 6

**2013 LICENCED AGGREGATE PRODUCTION
BY COMMODITY TYPE
(Reported by MNR District)**

District	Total	Sand & Gravel	Crushed Stone	Clay/ Shale	Other Stone
Aurora (GTA)	21,214,640.02	11,232,554.78	9,386,794.92	593,908.32	1,382.00
Aylmer	13,575,562.23	9,443,469.23	4,120,231.70	2,015.30	9,846.00
Bancroft	3,212,299.68	651,200.22	2,388,167.76	0.00	172,931.70
Guelph (Cambridge)	30,293,532.34	18,604,927.61	11,609,937.60	68,940.95	9,726.18
Kemptville	17,653,405.65	3,293,600.52	12,995,822.96	20,442.22	1,343,539.95
Midhurst	16,509,525.52	9,703,859.40	6,551,050.22	13,170.74	241,445.16
North Bay	1,285,794.21	799,471.55	471,912.44	0.00	14,410.22
Parry Sound	3,095,227.00	1,386,267.43	1,677,721.87	191.60	31,046.10
Pembroke	1,975,273.69	1,566,564.59	404,592.82	0.00	4,116.28
Peterborough	14,324,094.11	5,829,713.92	8,416,429.79	59,398.50	18,551.90
Sault Ste. Marie	2,385,331.60	1,248,901.86	1,134,165.19	0.00	2,264.55
Sudbury	5,612,288.08	2,667,158.01	2,939,291.96	570.22	5,267.89
Thunder Bay	834,752.03	698,756.41	135,948.62	0.00	47.00
TOTAL	131,971,726.16	67,126,445.53	62,232,067.85	758,637.85	1,854,574.93

Note: Totals may not equal due to rounding - Reported in metric tonnes
Other Stone includes building stone, industrial stone, dimensional stone



**Yearly Production for Aggregate Licences
(in Million Tonnes)**

	Total	Sand & Gravel	Crushed Stone	Other
2004	149.76	83.28	62.83	3.65
2005	148.59	82.62	62.27	3.70
2006	151.61	84.49	64.24	2.88
2007	157.56	85.17	69.24	3.15
2008	153.80	81.55	69.52	2.73
2009	138.84	72.79	63.51	2.54
2010	151.76	78.78	69.64	3.34
2011	143.73	73.36	67.34	3.03
2012	139.30	70.60	65.50	3.20
2013	131.97	67.13	62.23	2.61

Table 7

**2013 AGGREGATE PERMIT PRODUCTION
BY COMMODITY TYPE
(Reported by MNR District)**

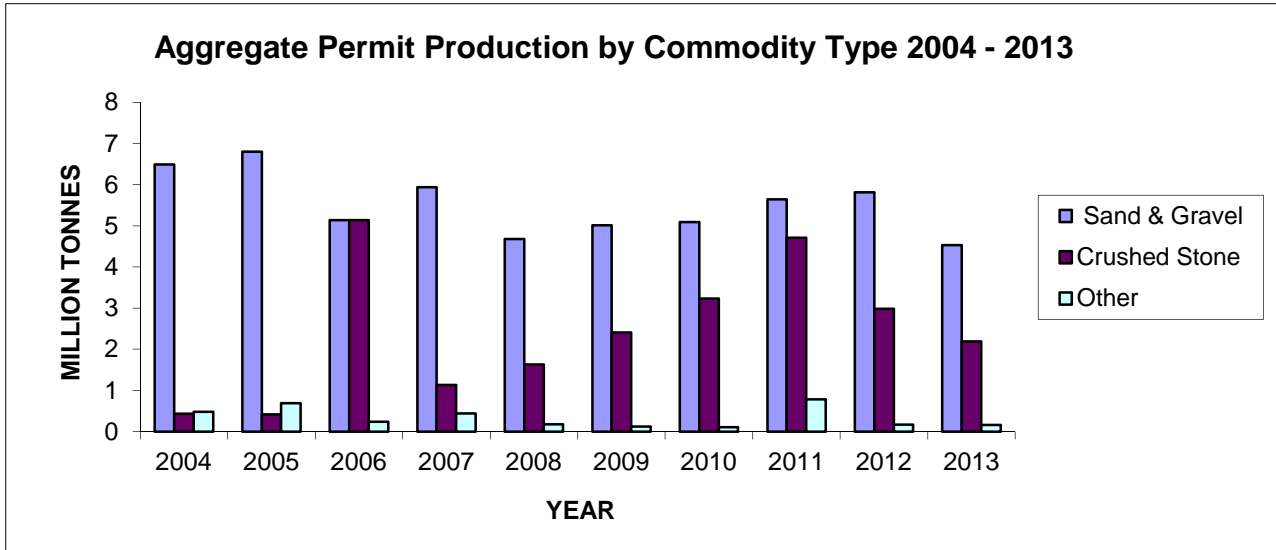
Region/District	Total Production	Sand & Gravel	Crushed Stone	Clay/Shale	Other Stone
NORTHEAST					
Chapleau	45,762.96	39,938.96	5,824.00	-	-
Cochrane	1,073,211.11	976,532.51	92,850.50	3,828.10	-
Hearst	247,842.25	151,775.90	94,405.35	1,661.00	-
Kirkland Lake	207,288.74	207,288.74	-	-	-
North Bay	286,522.55	193,205.82	92,968.00	-	348.73
Sault Ste. Marie	147,689.46	147,689.46	-	-	-
Sudbury	654,810.16	216,067.02	421,608.72	7,298.00	9,836.42
Timmins	482,286.77	482,286.77	-	-	-
Wawa	312,858.15	283,245.68	21,545.47	8,067.00	-
Sub-Total	3,458,272.15	2,698,030.86	729,202.04	20,854.10	10,185.15
NORTHWEST					
Dryden	550,846.16	276,236.16	274,125.00	-	485.00
Fort Frances	276,663.72	261,528.72	14,085.00	-	1,050.00
Kenora	244,162.68	102,766.98	128,254.73	-	13,140.97
Nipigon	653,171.83	315,188.77	336,503.82	-	1,479.24
Red Lake	197,087.70	192,416.70	4,644.00	-	27.00
Sioux Lookout	375,257.08	338,821.48	35,878.00	-	557.60
Thunder Bay	351,107.09	163,703.19	187,371.00	-	32.90
Sub-Total	2,648,296.26	1,650,662.00	980,861.55	-	16,772.71
SOUTHCENTRAL					
Algonquin Park	-	-	-	-	-
Aurora (GTA)	-	-	-	-	-
Aylmer	5,104.69	5,104.69	-	-	-
Bancroft	328,613.84	15,201.79	196,893.09	96.00	116,422.96
Guelph (Cambridge)	-	-	-	-	-
Kemptville	1,065.24	1,065.24	-	-	-
Midhurst	-	-	-	-	-
Parry Sound	137,217.00	40,937.02	94,835.98	-	1,444.00
Pembroke	118,483.16	118,483.16	-	-	-
Peterborough (Tweed)	186,689.54	-	186,689.54	-	-
Sub-Total	777,173.47	180,791.90	478,418.61	96.00	117,866.96
TOTAL	6,883,741.88	4,529,484.76	2,188,482.20	20,950.10	144,824.82

Note: Totals may not equal due to rounding - Reported in metric tonnes

Other Stone includes building stone, industrial stone, dimensional stone

Table 8

**2013 AGGREGATE PERMIT PRODUCTION
BY COMMODITY TYPE
(Reported By Year)**



**Yearly Production for Aggregate Permits
(in Million Tonnes)**

	Total	Sand & Gravel	Crushed Stone	Other
2004	7.40	6.49	0.43	0.48
2005	7.91	6.80	0.42	0.69
2006	10.52	5.14	5.14	0.24
2007	7.51	5.94	1.13	0.44
2008	6.49	4.68	1.63	0.18
2009	7.54	5.01	2.41	0.12
2010	8.43	5.09	3.23	0.11
2011	11.13	5.64	4.71	0.78
2012	8.96	5.81	2.98	0.17
2013	6.88	4.53	2.19	0.16

Table 9

**2013 AGGREGATE PERMIT PRODUCTION
BY COMMODITY TYPE
(Reported by CAC* Geographic Areas)**

Area	Total	Sand & Gravel	Crushed Stone	Clay/ Shale	Other Stone
Southwest (1)	5,105	5,105	0	0	0
Peninsula (2)	0	0	0	0	0
West Central (3)	0	0	0	0	0
GTA (4)	0	0	0	0	0
East Central (5)	541,236	31,268	392,006	96	117,867
East (6)	119,788	119,788	0	0	0
Northeast (7)	3,072,870	2,262,774	794,422	5,489	10,185
Northwest (8)	3,144,743	2,110,551	1,002,055	15,365	16,773
TOTAL	6,883,742	4,529,485	2,188,482	20,950	144,825

Note: Totals may not equal due to rounding - Reported in metric tonnes

Other Stone includes building stone, industrial stone, dimensional stone

*CAC - Cement Association of Canada formerly CPCA - Canadian Portland Cement Association

**2013 AGGREGATE LICENCE PRODUCTION
BY COMMODITY TYPE
(Reported by CAC* Geographic Areas)**

Area	Total	Sand & Gravel	Crushed Stone	Clay/ Shale	Other Stone
Southwest (1)	17,119,018	12,401,985	4,691,999	5,482	19,552
Peninsula (2)	13,313,079	2,537,484	10,726,760	48,815	20
West Central (3)	29,946,523	22,812,788	6,862,460	29,830	241,445
GTA (4)	21,215,640	11,233,455	9,386,795	593,908	1,482
East Central (5)	15,769,372	6,587,785	8,961,991	3,799	215,798
East (6)	23,490,865	5,554,304	16,508,333	76,042	1,352,186
Northeast (7)	7,888,039	4,049,577	3,815,920	762	21,780
Northwest (8)	3,229,190	1,949,068	1,277,810	0	2,312
TOTAL	131,971,726	67,126,446	62,232,068	758,638	1,854,575

Note: Totals may not equal due to rounding - Reported in metric tonnes

Other Stone includes building stone, industrial stone, dimensional stone

*CAC - Cement Association of Canada formerly CPCA - Canadian Portland Cement Association

Table 10

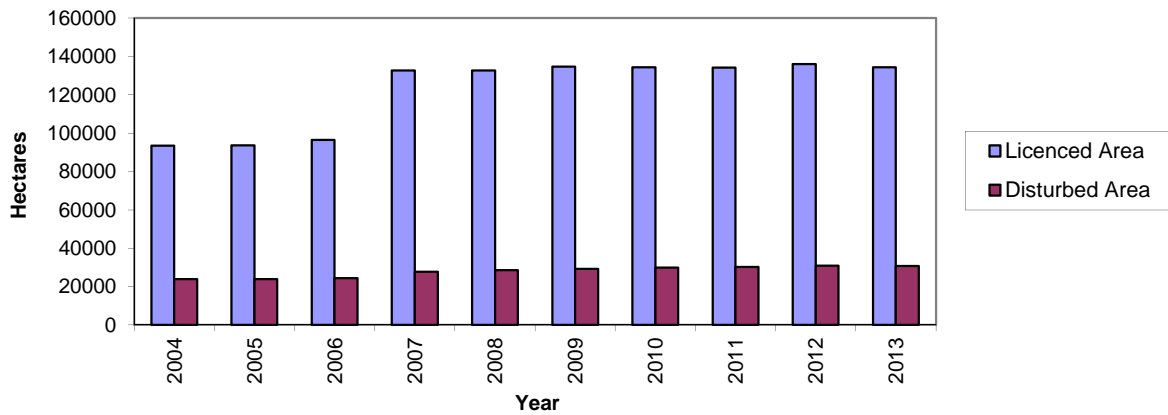
**REHABILITATION OF
LICENCED AGGREGATE SITES IN 2013
(Reported by MNR District)**

District	Total No. of Licences	Total Licenced Area	Original Disturbed Area	New Disturbed Area	New Rehab. Area	Total Disturbed Area
Aurora (GTA)	137	8,045.84	2,960.65	59.74	100.26	2,920.13
Aylmer	304	8,461.44	2,933.65	89.75	125.93	2,897.46
Bancroft	266	9,305.66	1,191.06	14.21	14.76	1,190.51
Guelph (Cambridge)	459	16,729.11	5,051.93	178.06	184.16	5,045.83
Kemptville	467	14,307.61	4,577.48	69.06	31.04	4,615.50
Midhurst	481	15,735.34	3,859.74	174.22	124.23	3,909.73
North Bay	141	6,809.18	909.63	33.38	6.35	936.66
Parry Sound	299	9,504.60	2,049.74	28.14	8.37	2,069.50
Pembroke	223	5,727.22	816.10	27.75	32.38	811.47
Peterborough (Tweed)	531	15,150.49	3,856.86	76.65	63.68	3,869.83
Sault Ste. Marie	100	4,029.79	717.61	12.62	4.01	726.22
Sudbury	233	16,856.69	1,635.62	47.05	33.13	1,649.55
Thunder Bay	58	3,565.17	244.51	5.63	4.63	245.51
Wawa	2	46.87	0.00	0.00	0.00	0.00
TOTAL	3,701	134,275.01	30,804.57	816.26	732.94	30,887.89

Note: Areas reported in hectares

These statistics are compiled from information supplied by licencees and are not independently checked for accuracy.

Total Licenced & Disturbed Area 2004 - 2013



New Rehabilitated & Disturbed Area 2004 - 2013

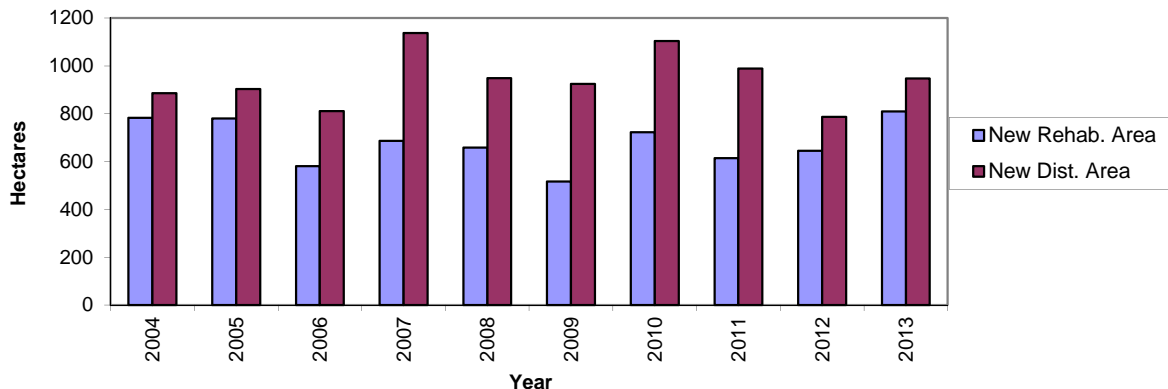


Table 11

**NUMBER AND TYPE OF AGGREGATE PERMITS
(Reported by MNR District)**

Region/District	Total Hectarage	Total No. of Permits	Pit	Quarry	Pit & Quarry	Underwater
NORTHEAST						
Chapleau	1,263.08	106	102	4	0	0
Cochrane	3,293.22	127	110	10	7	0
Hearst	3,877.48	191	165	24	2	0
Kirkland Lake	2,051.33	157	145	10	2	0
North Bay	2,867.17	199	164	26	9	0
Sault Ste. Marie	1,107.04	101	94	5	2	0
Sudbury	4,840.39	164	124	25	15	0
Timmins	2,114.14	144	130	9	5	0
Wawa	2,347.89	185	170	9	6	0
Sub-Total	23,761.74	1,374	1,204	122	48	0
NORTHWEST						
Dryden	2,423.04	188	168	9	11	0
Fort Frances	2,243.49	207	187	4	16	0
Kenora	3,017.66	175	133	23	19	0
Nipigon	3,449.88	222	186	17	19	0
Red Lake	1,165.78	70	65	3	2	0
Sioux Lookout	2,024.43	81	77	1	3	0
Thunder Bay	3,790.95	149	117	20	12	0
Sub-Total	18,115.23	1,092	933	77	82	0
SOUTHCENTRAL						
Aylmer	0.10	1	0	0	0	1
Bancroft	1,166.80	67	53	14	0	0
Guelph (Cambridge)	620.00	1	0	0	0	1
Kemptville	2.00	1	1	0	0	0
Midhurst	10.50	1	1	0	0	0
Parry Sound	996.64	90	62	21	7	0
Pembroke	121.60	33	33	0	0	0
Peterborough (Tweed)	31.40	2	0	1	1	0
Sub-Total	2,949.04	196	150	36	8	2
TOTAL	44,826.01	2,662	2,287	235	138	2

APPENDIX A

GLOSSARY OF TERMS

For actual definitions, please refer to the Aggregate Resources Act.

Active Licence

A licence that has been issued, being transferred, or under suspension at the end of the calendar year.

Aggregate

Includes sand, gravel, limestone, dolostone, crushed stone, rock other than metallic ores, and other prescribed material.

Aggregate Permit

A permit for a pit or quarry issued under the Aggregate Resources Act allowing for the excavation of aggregate that is the property of the Crown, on land where the surface rights are the property of the Crown, or from land under water.

ALPS

The Aggregate Licence and Permit System (ALPS) is an automated data base that facilitates the management of mineral aggregate production and related information, for individual licences, aggregate permits and wayside permits across the province.

Building Dimension

A slab or block of rock, flagstone if foliated and dimension stone if massive, generally rectangular, and cut to specified measurements for ornamental surfacing in buildings or other construction applications.

Clay/Shale

Clay is a fine-grained, natural, earthy material composed primarily of hydrous aluminum silicates. It is plastic when moist and hardens when dried. Shale is fine-grained sedimentary laminated rock predominantly composed of clay grade and other fine minerals.

Class A Licence

A licence under the Aggregate Resources Act to allow excavation of more than 20,000 tonnes of aggregate annually from a pit or quarry within parts of Ontario that have been designated under the Aggregate Resources Act.

Class B Licence

A licence under the Aggregate Resources Act to allow excavation of 20,000 tonnes or less of aggregate annually from a pit or quarry within parts of Ontario that have been designated under the Aggregate Resources Act.

Crown Land

Ownership of land which is vested in the Crown or owned by the Province of Ontario.

Crushed Stone

Rock or stone mechanically crushed to specified sizes and grading.

Designated Area

An area of the Province identified by regulation under the Aggregate Resources Act where a person requires a licence for the excavation of aggregate from private land.

Disturbed Area

An area within a site that has been, or is being excavated to operate a pit or quarry, and has not been rehabilitated.

Gravel

Small stones and pebbles or a mixture of sand and small stones. More specifically, fragments of rock worn by the action of air and water, larger and coarser than sand. MTO specifications define gravel as unconsolidated granular material greater than 4.75mm.

Housing Starts

The number of housing units started where construction has advanced to 100 per cent of footings. In case of multiple dwellings, a "start" implies the commencement of individual structures.

Inactive Licence

A licence that has been revoked or surrendered prior to the end of the calendar year.

Licence

A licence for a pit or quarry issued under the Aggregate Resources Act allowing for the extraction of aggregate in designated areas.

Licensed Area

A specific area for which a licence has been issued for the extraction of mineral aggregates under the Aggregate Resources Act.

Pit

Land or land under water from which unconsolidated aggregate is being or has been excavated, and has not been rehabilitated.

Private Land

Land owned by an individual or corporation, as opposed to land which is owned by the Crown.

Progressive Rehabilitation

As per the requirements of the Aggregate Resources Act, sequential rehabilitation completed within reasonable time over disturbed land from which aggregate has been extracted. The rehabilitation is carried out according to the Act, the regulations, the site plan, and the conditions of the licence or permit during the period that aggregate is being extracted.

Pits & Quarries Control Act

An Act to manage and regulate mineral aggregate extraction in Ontario. The Act had been automatically repealed and replaced by the Aggregate Resources Act as of January 1, 1990.

Quarry

Land or land under water from which consolidated rock is or has been excavated and the site has not been rehabilitated.

Rehabilitation

To treat the land from which aggregate has been excavated to a pre-excitation condition or use, or to a condition compatible with adjacent land.

Royalty

A payment made to the Crown in recognition of the extraction of aggregates owned by the Crown. Under the Aggregate Resources Act, the royalty is set at a minimum of 50 cents per tonne. The Minister may set a higher rate or may allow exemption.

Sand

Any hard granular rock material finer than gravel and coarser than dust. MTO specifications define sand as granular material ranging in size from .075mm to 4.75 mm.

Wayside Permit

A permit issued to a public authority or a person who has a contract with a public authority for a temporary road project or an urgent project for which no alternative source of aggregate is available under licence or permit. A wayside permit expires 18 months from the date of issue or upon completion of the project, whichever comes first.

APPENDIX B

**HISTORICAL DESIGNATION OF PRIVATE LAND UNDER THE
PITS AND QUARRIES CONTROL ACT AND
THE AGGREGATE RESOURCES ACT**

(by Geographic Twp)

Designations under the Pits and Quarries Control Act (1971-1989)

DECEMBER 19, 1971

Adjala	Euphrasia	Nottawasaga
Albemarle	Flamborough East	Osprey
Albion	Flamborough West	Pelham
Amabel	Grantham	Reach
Ancaster	Grimsby North	Saltfleet
Artemesia	Holland	Stamford
Barton	Keppel	St. Edmunds
Beverly	Lindsay	St. Vincent
Caledon	London	Sydenham
Chinguacousy	Louth	Thorold
Clinton	Melancthon	Toronto Gore
Collingwood	Mono	Trafalgar
Derby	Mulmur	Westminster
Eastnor	Nassagaweya	West Nissouri
Erin	Nelson	Whitby
Esquesing	Niagara	Whitchurch

MARCH 3, 1972

Brock	Lobo	Pickering
East Whitby	Markham	Toronto
Gloucester	Nepean	Vaughan
Hallowell	Osgoode	

MAY 9, 1972

Brantford	Pittsburgh	South Dumfries
Guelph	Puslinch	Waterloo
Kingston	North Dumfries	

AUGUST 15, 1973

Anderdon	Dereham	Humberstone
Bertie	Dunn	Huntley
Blenheim	Eramosa	King
Brighton	Fitzroy	Malden
Clarke	Gosfield South	Manvers
Colchester North	Gosfield North	March
Colchester South	Haldimand	Mersea
Cramahe	Hamilton	Murray
Crowland	Harwich	Nichol
Darlington	Hope	North Cayuga

North Gower
North Oxford
Oneida
Orillia
Oro
Pilkington
Raleigh
Romney

Sidney
Sunnidale
Thurlow
Tilbury East
Tyendinaga
Uxbridge
Vespra
Walpole

Wellesley
West Oxford
Willoughby
Wilmot
Woodhouse
Woolwich
Yarmouth

FEBRUARY 15, 1974

Delaware
North Dorchester

MAY 17, 1974

Pelee

MAY 1, 1975

Alnwick
Amaranth
Arran
Arthur
Asphodel
Balfour
Bayham
Belmont
Bexley
Biddulph
Binbrook
Blandford
Blanshard
Blezard
Bowell
Broder
Burford
Caistor
Camden
Capreol
Cartwright
Cavan
Charlotteville
Chatham
Creighton
Cumberland
Denison
Dieppe
Dill
Douro
Dover
Dowling
Drury

Dryden
Dummer
East York
East Garafraxa
East Nissouri
East Luther
East Gwillimbury
East Oxford
East Zorra
Eldon
Emily
Ennismore
Essa
Etobicoke
Fairbank
Falconbridge
Fenelon
Flos
Gainsborough
Garson
Georgina
Glanford
Glenelg
Goulburn
Graham
Hanmer
Harvey
Houghton
Howard
Hutton
Innisfil
Levack
Lorne

Louise
Lumsden
MacLennan
Maidstone
Malahide
Mara
Mariposa
Marlborough
Maryborough
Matchedash
McKim
Medonte
Middleton
Minto
Morgan
Moulton
Neelon
Norman
North Monaghan
North Walsingham
North Norwich
North Gwillimbury
North York
Oakland
Onondaga
Ops
Orford
Otonabee
Peel
Percy
Proton
Rainham
Rama

Rawden
Rayside
Rochester
Sandwich, East
Sandwich, West
Scarborough
Scott
Scugog
Seneca
Seymour
Sherbrooke
Smith
Snider
South Walsingham

South Cayuga
South Dorchester
South Grimsby
South Norwich
South Monaghan
Sullivan
Tay
Tecumseh
Thorah
Tilbury, North
Tilbury, West
Tiny
Torbolton
Tosorontio

Townsend
Trill
Tuscarora
Verulam
Wainfleet
Waters
West Luther
West Garafraxa
West Gwillimbury
West Zorra
Windham
Wisner
York
Zone

APRIL 6, 1976

Great LaCloche Island
Little LaCloche Island

AUGUST 27, 1976

Avenge
Bosanquet
Carden

Korah
Parke
Prince

Rankin
St. Mary's
Tarentorus

JANUARY 1, 1981

Adelaide
Aldborough
All of the County of Perth
All of the County of Huron
All of the County of Lanark
Ameliasburgh
Athol
Bentinck
Brant
Brooke
Bruce
Carrick
City of Belleville
Culross
Dawn
Dunwich
E. Williams
Egremont
Elderslie
Elzevir and Grimsthorpe

Enniskillen
Euphemia
Exfrid
Greenock
Hillier
Hungerford
Huntingdon
Huron
Kincardine
Kinloss
Madoc
Marmora and Lake
McGillivray
Moore
Mosa
Normanby
North Marysburgh
Plympton
Sarnia
Saugeen

Separated Town of Trenton
Sombra
Sophiasburgh
South Marysburgh
Southwold
Town of Deseronto
Tudor
United Counties of Prescott
and Russell
United Counties of Stormont,
Dundas & Glengarry
United Counties of Leeds and
Grenville
Villages of Deloro, Frankford,
Madoc, Marmora, Stirling
and Tweed
W. Williams
Walford
Warwich
Wyoming

JULY 1, 1984

Storrington

Designations under the Aggregate Resources Act (Jan. 1, 1990)

APRIL 1, 1992

Adolphustown	Howe Island	Somerville
Amherst Island	Laxton	South Fredericksburgh
Bedford	Longford	Town of Napanee
Camden East	Loughborough	Villages of Bath and
Dalton	North Fredericksburgh	Newburgh
Digby	Portland	Wolfe Island
Ernestown	Richmond	

SEPTEMBER 1, 1993

Admaston		Towns of Arnprior and
Alice and Fraser	McNab	Renfrew
Bagot and Blithfield	Pembroke	Villages of Beachburg,
Bromley	Petawawa	Braeside, Cobden and
City of Pembroke	Ross	Petawawa
Horton	Stafford	Westmeath

JANUARY 1, 1998

Anderson	Gaudette	Ley
Appleby	Gough	Loughrin
Archibald	Hagar	Macdonald
Aweres	Hallam	May
Awrey	Harrow	McKinnon
Baldwin	Harty	Meredith and Aberdeen
Burwash	Haviland	Additional
Cartier	Hawley	Merritt
Cascaden	Hendrie	Mongowin
Casimir	Henry	Nairn
Chesley Additional	Herrick	Pennefather
Cleland	Hess	Ratter
Cosby	Hilton	Secord
Curtin	Hodgins	Servos
Delamere	Hoskin	Shakespeare
Dennis	Hyman	Shields
Deroche	Jarvis	St. Joseph
Duncan	Jennings	Street
Dunnet	Jocelyn	Tarbutt and Tarbutt
Eden	Johnson	Additional
Fenwick	Kars	Tilley
Fisher	Kehoe	Tilton
Foster	Laird	Tupper
Foy	Laura	VanKoughnet

DECEMBER 4, 1999

Village of Hilton Beach

JULY 22, 2004

Andre
Bostwick
Franchere
Groseilliers
Legarde

Levesque
Macaskill
Menzies
Michipicoten
Musquash

Rabazo
St. Germain
Warpula

Newly Designated Private Lands (Effective January 1, 2007)

1. Those parts of the County of Frontenac consisting of the townships of Central Frontenac and North Frontenac.
2. Those parts of the County of Renfrew consisting of,
 - a) the Township of Bonnechere Valley, the Township of Brudenell, Lyndoch and Raglan, the Township of Head, Clara and Maria, the Township of Killaloe, Hagarty and Richards, the Township of Madawaska Valley and the Township of North Algona Wilberforce;
 - b) the Township of Greater Madawaska, except the townships of Bagot and Blythfield; and
 - c) the towns of Deep River and Laurentian Hills.
3. Those parts of the County of Lennox and Addington consisting of,
 - a) the Township of Addington Highlands; and
 - b) the Township of Stone Mills, except the Township of Camden East.
4. Those parts of the County of Hastings consisting of,
 - a) the Town of Bancroft;
 - b) the townships of Carlow/Mayo, Faraday, Limerick and Wollaston;
 - c) the Municipality of Hastings Highlands; and
 - d) the Township of Tudor and Cashel, except the Township of Tudor.
5. Those parts of the County of Peterborough consisting of,
 - a) the Township of Galway-Cavendish-Harvey, except the Township of Harvey;
 - b) the Township of Havelock-Belmont-Methuen, except the Township of Belmont and the Town of Havelock; and
 - c) the Township of North Kawartha.
6. All of the County of Haliburton.
7. Those parts of the Territorial District of Nipissing consisting of,
 - a) the Town of Mattawa;
 - b) the City of North Bay;
 - c) the Municipality of West Nipissing;
 - d) the townships of Bonfield, Calvin, Chisholm, East Ferris, Mattawan, Papineau- Cameron and South Algonquin; and
 - e) the geographical townships of Airy, Anglin, Antoine, Ballantyne, Barron, Biggar, Bishop, Blyth, Boulter, Bower, Boyd, Bronson, Butler, Butt, Canisbay, Charlton, Clancy, Clarkson, Commanda, Deacon, Devine, Dickson, Eddy, Edgar, Finlayson, Fitzgerald, French, Freswick, Garrow, Gladman, Guthrie, Hammell, Hunter, Jocko, Lauder, Lyman, Lister, Lockhart, Master, McCraney, McLaughlin, McLaren, Merrick, Mulock, Niven, Notman, Olig, Osborne, Osler, Paxton, Peck, Pentland, Phelps, Poitras, Preston, Sproule, Stewart, Stratton, Thistle, White and Wilkes

8. All parts of the Territorial District of Parry Sound consisting of,
 - a) the townships of Armour, Carling, Joly, Machar, McKellar, McMurrich/Monteith, Nipissing, Perry, Ryerson, Seguin, Strong and The Archipelago;
 - b) the municipalities of Powassan, Magnetawan, McDougall, Callander and Whitestone;
 - c) the towns of Kearney and Parry Sound;
 - d) the villages of Burk's Falls, South River and Sundridge; and
 - e) the geographical townships of Bethune, Blair, Brown, East Mills, Gurd, Hardy, Harrison, Henvey, Laurier, Lount, McConkey, Mowat, Patterson, Pringle, Proudfoot, Shawanaga, Wallbridge and Wilson.

9. All parts of the Territorial District of Muskoka consisting of,
 - a) the towns of Bracebridge, Gravenhurst and Huntsville;
 - b) the townships of Georgian Bay, Lake of Bays and Muskoka Lakes; and
 - c) the District Municipality of Muskoka.

10. Those parts of the Territorial District of Sudbury consisting of,
 - a) the Municipality of French River, except the geographical townships of Cosby, Delamere and Hoskin;
 - b) the Township of Sables – Spanish River, except the geographical townships of Gough, Hallam, Harrow, May, McKinnon and Shakespeare;
 - c) the Town of Killarney;
 - d) the Municipality of Killarney;
 - e) those parts of the City of Greater Sudbury consisting of the geographical townships of Aylmer, Fraleck, Hutton, MacKelcan, Parkin, Rathburn and Scadding; and
 - f) the geographical townships of Bevin, Caen, Carlyle, Cox, Davis, Dunlop, Halifax, Humboldt, Janes, Kelly, Leinster, McCarthy, Munster, Porter, Roosevelt, Shibananing, Truman, Tyrone and Waldie.

11. All parts of the Territorial District of Manitoulin, except Great LaCloche Island and Little LaCloche Island.

12. Those parts of the Territorial District of Algoma consisting of,
 - a) the towns of Blind River, Bruce Mines and Thessalon;
 - b) the City of Elliot Lake;
 - c) the townships of The North Shore, Plummer Additional and Shedden;
 - d) the Municipality of Huron Shores; and
 - e) the geographical townships of Aberdeen, Boon, Bridgland, Brule, Cadeau, Curtis, Dablon, Daumont, Deagle, Gaiashk, Galbraith, Gerow, Gillmor, Grenoble, Hughes, Hurlburt, Hynes, Kane, Kincaid, Lamming, Laverendrye, Marne, McMahan, Montgomery, Morin, Nicolet, Norberg, Palmer, Parkinson, Patton, Peever, Plummer, Rix, Rose, Ryan, Slater, Smilsky, Wells, Whitman and Wishart.

13. Those parts of the Territorial District of Thunder Bay consisting of,
 - a) the City of Thunder Bay;
 - b) the Municipality of Neebing; and
 - c) the townships of Conmee, Dorion, Gillies, O'Conner, Oliver Paipoonge and Shuniah.

Please refer to the Revised Regulations of Ontario for accuracy.

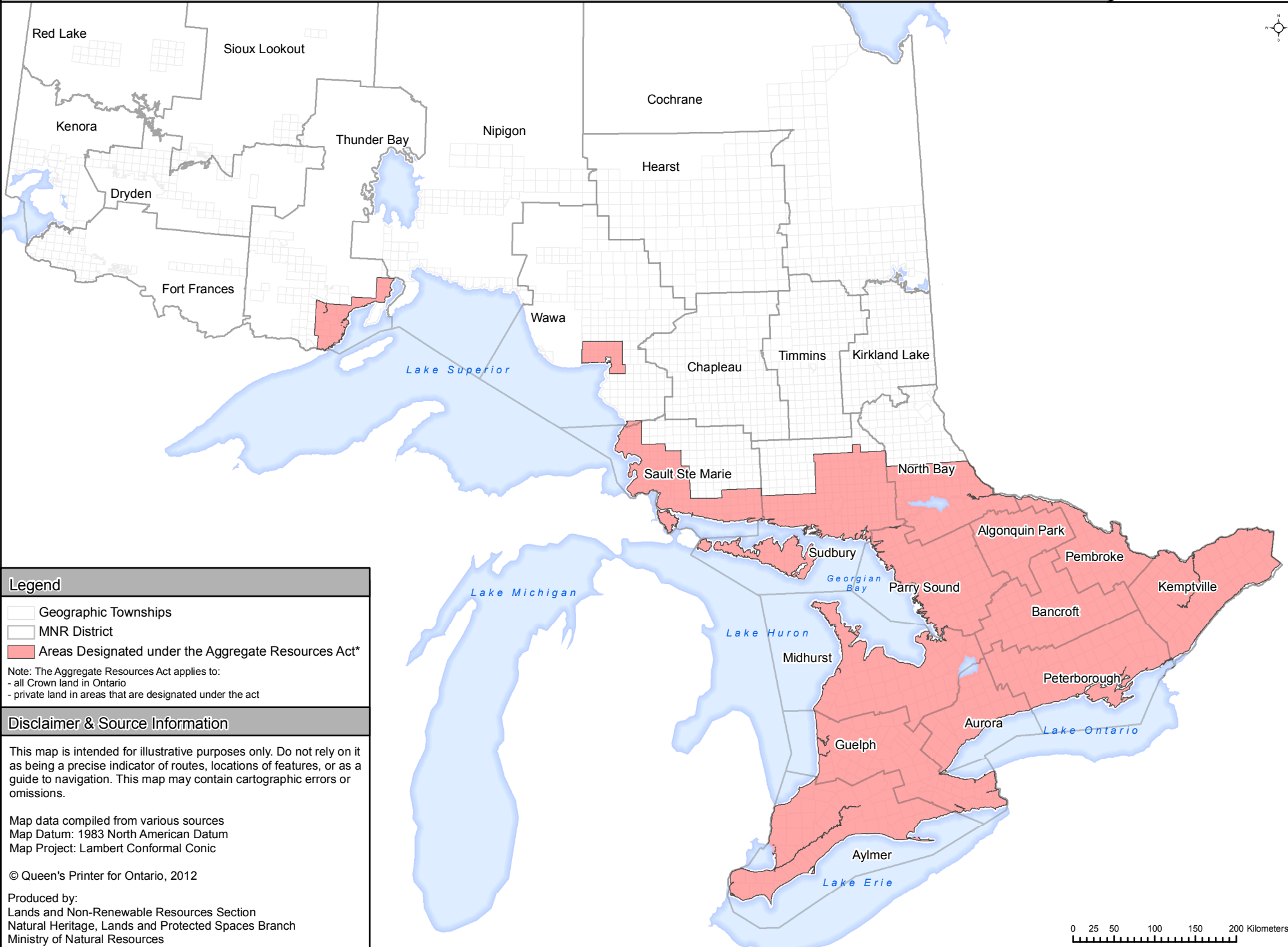
CANADIAN PORTLAND CEMENT ASSOCIATION* GEOGRAPHIC AREAS

* Now CAC - Cement Association of Canada



Area 1 Southwest	Area 2 Peninsula	Area 3 West Central	Area 4 GTA	Area 5 East Central	Area 6 East	Area 7 Northeast	Area 8 Northwest
Essex	Niagara	Bruce	Metro Toronto	Kawartha Lakes	Prescott & Russell	Nipissing	Algoma
Chatham-Kent	Brant	Grey	Peel	Peterborough	Leeds & Grenville	Parry Sound	Thunder Bay
Lambton	Haldimand	Simcoe	York	Haliburton	Stormont, Dundas, & Glengarry	Timiskaming	Kenora
Elgin	Norfolk	Dufferin	Durham	Northumberland	Frontenac	Cochrane	Rainy River
Middlesex	Hamilton	Wellington	Halton	Hastings	Greater Ottawa	Sudbury District	
Huron		Waterloo		Prince Edward	Lanark	Greater Sudbury	
Perth				Muskoka	Renfrew	Manitoulin	
Oxford					Lennox & Addington		

Areas Designated under the Aggregate Resources Act



Legend

- Geographic Townships
- MNR District
- Areas Designated under the Aggregate Resources Act*

Note: The Aggregate Resources Act applies to:
- all Crown land in Ontario
- private land in areas that are designated under the act

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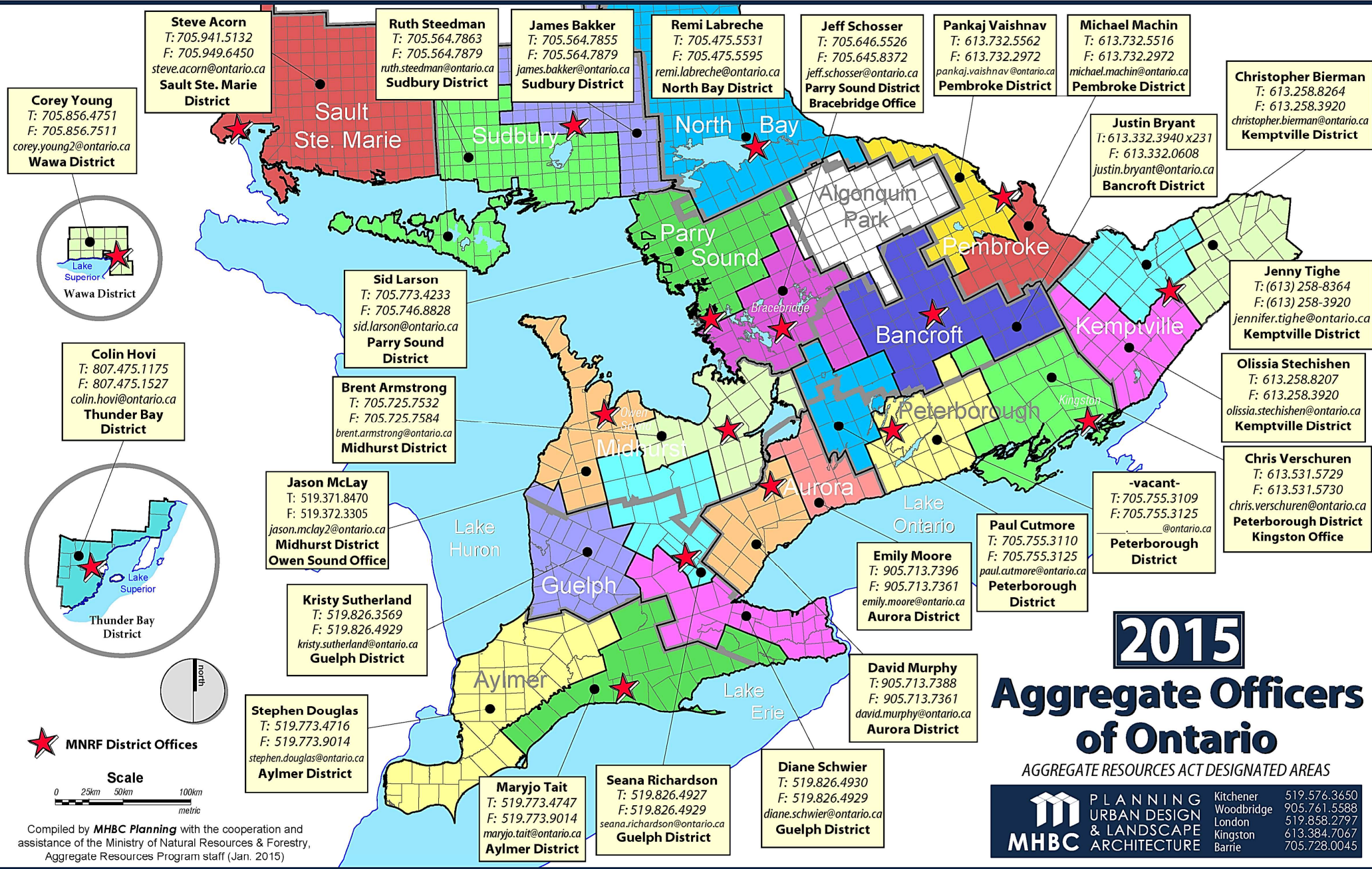
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Map data compiled from various sources
Map Datum: 1983 North American Datum
Map Project: Lambert Conformal Conic

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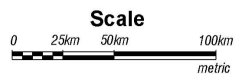
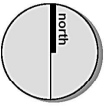
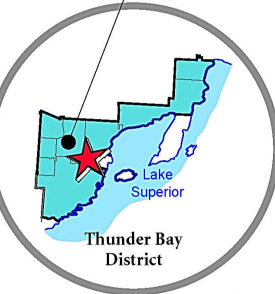
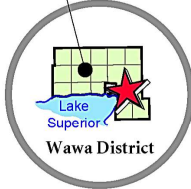
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