

MAC Member Facility Energy Use (GJ) 2001-2015

Sector	Company	Facility	Base Year	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016			
Base Metals	ArcelorMittal Mines Canada	Mont-Wright		3,744,000	4,159,000	4,802,000	4,745,000	4,189,000	4,890,000	3,709,000	4,077,000	NA	NA	4,955,634	4,055,634	6,013,140	6,732,774	16,672,975				
		Port-Carter		8,373,000	6,992,000	7,689,000	8,884,000	9,987,000	8,211,000	9,599,000	9,841,000	9,339,000	NA	NA	10,720,076	10,720,076	11,466,578	6,043,896				
		Total		13,819,000	10,736,000	11,848,000	13,496,000	14,132,000	12,400,000	14,459,000	13,549,000	13,416,000	11,708,806	14,393,083	15,246,609	14,775,710	17,479,718	12,776,654	16,672,975			
	HudBay Minerals Inc.	Hudson Bay Mining and Smelting Co., Limited		NA	NA	NA	NA	NA	NA	NA	5,993,000	6,082,000	5,494,458	4,869,666	4,227,430	3,870,000	3,863,900	4,223,290	4,098,784	4,108,800		
		Peru		0	0	0	0	0	0	0	5,993,000	6,082,000	5,494,458	4,869,666	4,227,430	3,870,000	3,863,900	4,223,290	4,098,784	4,108,800		
	First Quantum Minerals	Cavell Mine		NA	NA	NA	296,000	288,000	283,000	311,000	330,000	343,000	324,368	323,513	341,765	344,423	356,750	279,315	273,337	345,533		
				NA	NA	NA	NA	NA	NA	213,000	826,000	861,000	519,565	922,739	1,067,056	1,532,583	1,564,521	979,578	NA			
				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	60,315	83,206	202,335	185,563	1,182	NA		
				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	814	397	257	13,196	1,804	823	361	113	
				NA	NA	NA	NA	NA	NA	NA	NA	NA	0	3,067	2,224	2,688	2,964	3,321	2,905	2,621	3,874	
				NA	NA	NA	NA	336,000	320,000	309,000	322,000	320,000	329,000	319,720	328,380	24,563,451	329,358	303,309	283,612	279,914	NA	
				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1,427	1,291	1,265	1,316	1,448	948	989	1,235	
				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	36,296	1,730	2,387	1,984	0	0	2,413	
				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3,895	3,895	3,889	3,805	3,269	2,833	3,059	
				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
				0	0	0	0	0	0	0	0	0	0	9,202	43,902	9,829	23,668	11,826	7,509	7,014	10,694	
		0	0	0	632,000	1,542,000	5,424,000	5,018,000	5,468,000	5,310,000	1,172,855	1,678,849	26,065,308	2,432,367	2,421,969	1,551,196	282,972					
	Imperial Metals	Mount Polley		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1,425,205	634,382,149	573,811	786,542			
			0	0	0	0	0	0	0	0	0	0	0	0	0	1,425,205	634,382,149	573,811				
Iron Ore Company of Canada	Labrador City		NA	NA	13,067,000	17,394,000	14,213,000	17,252,000	16,697,000	16,922,000	19,892,000	13,046,720	16,239,665	13,818,554	15,107,821	NA	14,345,760	NA				
	Sudbury		NA	NA	1,843,000	1,756,000	1,444,000	1,722,000	1,651,000	1,468,000	1,555,000	1,087,059	1,255,597	1,924,530	1,947,468	NA	1,454,638	NA				
		0	0	14,710,000	19,140,000	15,657,000	18,974,000	18,338,000	18,390,000	21,437,000	14,133,779	17,495,262	15,743,085	17,055,287	NA	15,800,399	NA					
	KGHM International	Morrison		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	503,547	NA	345,567		
			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	503,547	NA			
	Nyrstar	Nyrstar Myra Falls		NA	NA	NA	NA	402,000	548,000	NA	NA	324,046	243,531	99,659	113,363	NA	524,039	NA	50,357			
		Langlois		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	295,984	100,447	200,053			
		0	0	0	0	0	402,000	548,000	0	0	324,046	243,531	99,659	113,363	0	820,023	100,447					
	Teck Resources Limited	Duck Pond Operations		NA	NA	NA	NA	NA	NA	NA	NA	NA	357,794	366,592	370,647	373,494	390,848	373,700	NA			
		Highland Valley Copper		NA	4,428,000	4,476,000	4,739,000	4,467,000	4,638,000	4,773,000	4,973,000	5,487,000	5,383,427	5,886,742	5,727,978	5,572,986	5,524,431	5,946,091	6,110,874			
		Trail Smelter	11,378,000	10,286,000	9,812,000	10,474,000	10,973,000	8,308,000	11,279,000	10,653,000	17,287,000	5,679,781	10,899,619	11,292,314	11,290,849	11,122,992	10,745,400	10,682,856				
Total		11,378,000	14,714,000	14,288,000	15,213,000	15,440,000	12,948,000	16,052,000	15,626,000	22,774,000	11,421,002	17,152,953	17,390,939	17,237,328	17,037,871	17,065,190	16,793,730					
Vale	Manitoba Operations		NA	NA	NA	NA	4,119,000	NA	4,028,000	4,466,000	4,331,000	4,160,733	3,914,433	4,072,519	4,041,732	4,376,561	3,516,642	4,412,035				
	Ontario Operations - Port Colborne Refinery and Sudbury*		NA	NA	NA	NA	14,795,000	14,224,000	13,419,000	13,897,000	14,563,000	9,621,209	9,498,562	NA	13,539,752	14,289,297	14,244,984	13,307,089	13,393,375			
	VNL Labrador Operations		NA	NA	NA	NA	NA	NA	NA	1,218,000	1,170,000	856,483	938,144	1,229,970	1,178,597	1,227,307	1,181,786	1,218,830	2,346,872			
	0	0	0	0	18,914,000	14,224,000	17,447,000	19,761,000	20,064,000	14,638,425	14,351,139	5,302,489	18,760,081	19,893,165	18,943,412	18,937,954						
Glencore (Copper)	CCR Refinery	2,944,000	2,115,000	1,917,000	1,890,000	1,937,000	NA	NA	NA	1,807,934	1,696,000	1,574,419	3,045,063	1,737,719	1,776,402	1,727,631	1,765,324					
	Horne Smelter	3,393,000	3,165,000	2,590,000	2,147,000	2,450,000	2,372,000	NA	NA	NA	2,241,308	2,201,892	NA	2,137,045	2,118,018	2,198,555	2,147,811	2,185,814				
	Total	6,337,000	5,280,000	4,507,000	4,037,000	4,387,000	4,308,000	12,403,000	11,615,000	11,416,000	4,045,242	3,897,900	1,574,419	5,182,108	3,855,737	3,874,957						
Glencore (Nickel)	Radian Mine	1,483,000	1,662,000	1,647,000	1,683,000	1,751,000	1,778,000	1,878,000	2,055,000	2,121,000	1,952,292	1,942,077	2,159,968	2,376,865	2,624,123	2,386,593	2,170,998	2,096,068				
	Sudbury Operations	3,911,000	4,198,000	4,657,000	4,266,000	4,264,000	4,492,000	4,335,000	3,789,000	3,814,000	3,099,027	3,125,686	3,263,487	3,264,369	3,490,666	3,766,758	3,476,048	3,782,897				
	Total	5,394,000	5,860,000	6,304,000	5,949,000	6,015,000	6,270,000	6,213,000	5,844,000	5,935,000	5,051,319	5,067,763	5,423,455	5,641,234	6,114,789	6,153,351	5,647,046					
Glencore (Zinc)	Brunswick Mine	2,420,000	2,384,000	2,324,000	2,349,000	2,299,000	2,295,000	2,296,000	2,166,000	2,073,000	1,993,264	NA	NA	NA	NA	NA	NA	NA				
	Brunswick Smelter	2,599,000	1,964,000	1,928,000	1,337,000	2,081,000	2,163,000	2,457,000	1,953,000	2,268,000	NA	2,456,039	2,436,628	2,414,895	1,623,908	1,534,035	1,650,924	1,531,763				
	CEZinc	3,682,000	4,934,000	5,007,000	5,184,000	5,136,000	4,907,000	4,810,000	4,981,000	5,099,000	4,720,904	5,166,668	5,139,750	5,110,747	5,142,252	5,147,159	5,124,788	NA				
	Kidd Operations	7,336,000	7,444,000	8,336,000	6,843,000	7,087,000	7,232,000	NA	NA	NA	6,533,129	4,208,601	1,990,899	1,911,853	1,918,004	1,785,955	1,665,856	1,651,537				
	Total	8,701,000	9,282,000	9,259,000	8,870,000	9,516,000	9,365,000	9,563,000	9,100,000	9,440,000	6,714,168	7,622,707	7,576,378	7,525,642	6,766,160	6,681,194	6,775,712					
Coal	Teck Resources Limited	Teck Coal - Cardinal River Operations		NA	NA	NA	NA	NA	NA	NA	NA	1,092,806	1,495,181	1,572,804	1,633,108	1,516,367	1,313,055	1,091,143				
		Teck Coal - Coal Mountain Operations		NA	NA	NA	NA	NA	NA	NA	NA	1,424,127	1,421,354	1,887,957	1,809,733	1,628,620	1,445,040	1,242,759				
		Teck Coal - Elkview Operations		NA	NA	NA	NA	NA	NA	NA	NA	3,368,303	3,913,092	3,586,916	4,646,931	4,845,901	5,037,364	4,989,930				
		Teck Coal - Fording River Operations		NA	NA	NA	NA	NA	NA	NA	NA	4,289,821	5,397,546	5,528,433	5,424,005	5,378,044	5,569,406	4,752,427				
		Teck Coal - Greenhills Operations		NA	NA	NA	NA	NA	NA	NA	NA	3,381,438	3,006,291	3,696,081	4,631,785	4,168,510	4,331,455	4,277,066				
		Teck Coal - Line Creek Operations		NA	NA	NA	NA	NA	NA	NA	NA	1,225,069	1,564,854	1,840,460	1,805,510	1,780,092	1,868,994	1,743,128				
	Total	0	0	0	0	0	0	0	0	14,781,564	16,798,318	18,112,615	19,951,073	19,317,534	19,565,314	18,096,452						
Diamond	Dominion Diamond	EKATI Diamond Mine	2,15																			

Canada Inc.	Victor Mine	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	673,870	NA	787,009	792,096	816,232	852,773	NA	851,403		
	Total	0	0	0	0	0	0	0	0	0	0	673,870	0	1,988,567	2,103,192	816,232	2,362,947	NA	851,403		
Diavik Diamond Mines Inc.	Diavik Diamond Mine	1,474,000	910,000	1,942,000	1,474,000	2,009,000	2,121,000	2,210,000	2,704,000	2,850,000	2,353,186	2,628,793	NA	NA	NA	NA	2,542,903	NA	NA		
	Total	1,474,000	910,000	1,942,000	1,474,000	2,009,000	2,121,000	2,210,000	2,704,000	2,850,000	2,353,186	2,628,793	0	0	0	0	2,542,903	NA	NA		
Gold	Agnico-Eagle Mines	Goldex	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	665,081	721,933	
		Kitilla	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	811,000	886,101	
		Laga	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	315,348	271,454	
		LaRonde	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1,305,938	1,946,262	
		Mascota/Pinos Altos	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1,121,374	796,978
		Meadowbank	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3,133,823	2,577,199	
		La India	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	995,639	444,251	
	Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8,578,403	7,644,178	
	Barrick Gold Corporation	Hemlo	634,000	729,000	795,000	791,000	789,000	765,000	717,000	691,000	649,000	2,625,988	1,229,996	1,280,667	1,302,002	1,367,472	1,267,936	1,212,722	1,212,302	1,212,302	1,212,302
		Total	634,000	729,000	795,000	791,000	789,000	765,000	717,000	691,000	649,000	2,625,988	1,229,996	1,280,667	1,302,002	1,367,472	1,267,936	1,212,722	1,212,302	1,212,302	1,212,302
		Essakane	NA	NA	NA	NA	NA	NA	NA	NA	NA	493,793	1,036,915	1,893,829	2,321,538	2,562,923	3,681,934	3,923,015	4,080,630	NA	NA
	IAMGOLD Corporation	Mouska	NA	NA	NA	NA	NA	NA	NA	62,000	70,000	76,664	79,552	84,056	85,744	83,982	33,968	NA	NA	NA	NA
		Musane	NA	NA	NA	NA	NA	NA	NA	314,000	355,000	246,000	272,221	391,638	NA	NA	NA	NA	NA	NA	NA
		Rosebel Gold Mines N.V.	NA	NA	NA	NA	NA	1,362,000	1,465,000	1,670,000	1,670,000	1,986,623	2,174,824	2,241,150	2,469,201	2,650,440	2,947,134	2,869,232	2,919,378	NA	NA
		Westwood Project	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	310,507	375,319	451,073	637,998	700,969	687,626	765,550	NA	NA
	Total	0	0	0	0	0	1,738,000	1,890,000	1,986,000	2,829,301	3,993,436	4,594,354	5,327,556	5,935,343	7,364,005	7,500,073	7,765,558	7,765,558	7,765,558	7,765,558	
First Quantum Minerals	Troilus (closed)	NA	NA	NA	999,000	965,000	1,071,000	1,011,000	1,018,000	1,100,000	2,491,720	377,777	27,894	NA	NA	8,928	10,022	10,750	NA	NA	
	Total	0	0	0	999,000	965,000	1,071,000	1,011,000	1,018,000	1,100,000	2,491,720	377,777	27,894	0	0	8,928	10,022	10,750	0	0	
New Gold	New Afton	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	201,607	984,486	NA	NA		
	Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	201,607	984,486	0	0		
Oil Sands	Shell Canada Energy	Shell Abian Sands	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
		Total	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	Suncor Energy Inc.	Oil Sands Facility	NA	NA	NA	94,611,000	104,604,000	91,976,000	113,528,000	116,354,000	114,790,000	110,944,137	111,673,225	111,829,256	70,930,826	NA	68,295,148	NA	NA	NA	NA
		Total	0	0	0	94,611,000	104,604,000	91,976,000	113,528,000	116,354,000	114,790,000	110,944,137	111,673,225	111,829,256	70,930,826	0	68,295,148	0	68,295,148	0	68,295,148
Synoruda Canada Ltd.	Synoruda Canada Ltd.	89,944,000	116,495,000	116,172,000	113,321,000	118,314,000	119,799,000	181,921,000	173,541,000	161,478,000	138,465,000	144,412,000	142,393,000	142,901,000	NA	139,000,000	133,676,000	128,700,000	NA	NA	
	Total	89,944,000	116,495,000	116,172,000	113,321,000	118,314,000	119,799,000	181,921,000	173,541,000	161,478,000	138,465,000	144,412,000	142,393,000	142,901,000	0	139,000,000	133,676,000	128,700,000	0	0	
Uranium	Cameco Corporation	Key Lake Operation	NA	NA	NA	NA	NA	NA	NA	786,632	835,005	817,721	825,739	869,080	964,190	892,310	881,122	814,053	793,436	NA	NA
		McArthur River Operation	NA	NA	NA	NA	NA	NA	NA	662,216	723,141	762,583	743,057	821,354	891,015	931,285	982,495	787,797	907,051	NA	NA
		Rabbit Lake Operation	NA	NA	NA	NA	NA	NA	NA	802,396	948,698	1,001,305	892,641	990,458	964,830	1,000,728	1,025,404	995,890	707,306	NA	NA
		Total	0	0	0	0	0	0	0	2,251,244	2,506,844	2,581,609	2,461,437	2,680,892	2,820,035	2,824,323	2,869,021	2,597,740	2,407,793	0	0

Note: NA = Data not available

MAC Member Facility Total GHG Emissions (tonnes CO₂e) 2001-2015

Sector	Company	Facility	Base Year	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016		
Base Metals	ArcelorMittal Mines Canada	Mont-Wright	260,400	179,900	197,500	218,200	224,600	204,700	234,600	162,500	177,800	151,746	158,764	155,627	153,885	248,758	244,853	1,033,265	NA	NA	
		Port-Carter	765,300	636,800	759,200	800,700	861,700	765,900	872,600	989,800	903,900	724,610	991,215	976,705	493,896	265,212	265,992	NA	NA	NA	
Total		1,025,700	815,700	956,700	1,018,900	1,086,300	970,600	1,107,200	1,152,300	1,081,700	876,356	1,149,979	1,132,332	647,781	513,970	510,845	1,033,265	0	0		
HudBay Minerals Inc.	Hudson Bay Mining and Smelting Co., Limited	Peru	NA	NA	NA	NA	NA	NA	214,200	217,700	201,886	140,372	67,217	74,114	54,235	69,951	59,965	NA	NA		
		Total	0	0	0	0	0	0	214,200	217,700	201,886	140,372	67,217	74,114	54,235	69,951	59,965	0	0		
First Quantum Minerals	Cowell Mine	Cowell Mine	NA	NA	NA	4,700	38,800	41,000	44,700	48,300	50,700	48,057	48,083	50,957	51,006	52,750	42,500	41,971	39,040	NA	NA
		Cobre Las Cruces	NA	NA	NA	NA	15,200	59,260	62,500	45,035	89,726	107,867	145,276	178,074	191,000	NA	NA	NA	NA	NA	NA
		Cobre Panama	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	4,305	6,024	14,649	13,047	81,400	NA	NA	NA	
		Physalimi Mine	NA	NA	NA	4,600	18,900	18,800	17,500	3,800	3,800	3,792	4,153	3,710	26,305	23,428	25,480	18,021	NA	NA	
Total		0	0	0	9,300	55,700	59,800	77,400	111,360	116,800	97,430	146,714	169,342	237,546	267,299	341,229	61,106	39,265	0	0	
Imperial Metals	Mount Polley	Mount Polley	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	47,486	53,633	47,688	23,294	38,506	NA	
		Total	0	0	0	0	0	0	0	0	0	0	0	0	47,486	53,633	47,688	23,294	38,506	0	0
Iron Ore Company of Canada	Sept-Iles	Sept-Iles	NA	NA	871,200	1,108,200	921,900	1,131,000	1,135,000	1,106,300	1,241,900	834,871	956,367	981,107	741,031	NA	2,048,381	NA	NA	NA	
		Total	0	0	964,900	1,214,200	1,005,600	1,225,400	1,226,800	1,188,900	1,331,200	906,976	1,044,583	1,079,089	840,219	0	2,351,543	0	0	0	0
KGHM International	Morrisson	Morrisson	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	10,489	NA	NA	6,512	
		Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10,489	0	0	6,512	
		Nyrstar Myra Falls	NA	NA	NA	NA	NA	28,100	23,400	NA	NA	NA	8,393	6,509	6,934	7,964	14,544	20,120	11,138	NA	NA
		Total	0	0	0	0	0	26,100	23,400	0	0	8,393	6,509	6,934	7,964	14,544	20,120	11,138	0	0	
Teck Resources Limited	Duck Pond Operations	Duck Pond Operations	NA	NA	NA	NA	NA	NA	NA	NA	NA	10,071	8,994	9,108	9,257	10,239	9,896	NA	NA	NA	
		Total	0	0	0	0	0	0	0	0	0	8,393	6,509	6,934	7,964	14,544	20,120	11,138	0	0	
Vale	Highland Valley Copper	Highland Valley Copper	NA	91,000	94,400	108,300	87,600	97,200	114,900	131,6											

		Kidd Operations*	518,900	530,900	599,800	484,800	509,100	518,700	496,500	525,900	473,700	209,732	209,199	99,763	95,577	95,922	89,563	83,651	827,796		
		Total	537,800	501,000	484,900	445,500	489,600	507,100	465,100	450,900	477,000	447,685	230,884	209,752	219,214	309,499	305,537	322,285	1,027,560		
Coal	Teck Resources Limited	Teck Coal - Cardinal River Operations	2,584,200	2,274,900	3,468,900	3,742,300	4,797,900	4,648,900	4,833,800	5,197,980	5,316,851	4,563,623	4,584,432	4,679,035	4,131,814	2,672,789	5,613,601	3,541,322			
		Teck Coal - Coal Mountain Operations	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	141,047	139,703	165,219	176,127	155,863	140,165	131,339	
		Teck Coal - Elkview Operations	NA	NA	NA	NA	NA	NA	NA	225,300	375,200	327,500	291,994	331,516	287,422	363,642	369,933	395,239	383,484		
		Teck Coal - Fording River Operations	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	400,858	494,949	483,196	481,561	481,458	492,904	415,068		
		Teck Coal - Greenhills Operations	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	304,587	298,833	314,800	416,894	343,660	382,128	336,880		
		Teck Coal - Line Creek Operations	NA	NA	NA	NA	NA	NA	NA	225,300	375,200	327,500	103,523	1,563,261	1,571,201	162,446	164,100	161,655	152,945		
		Total	0	0	0	0	0	0	0	450,600	750,400	655,000	1,364,717	2,995,577	2,986,808	1,772,767	1,679,496	1,724,731	1,554,145		
Diamonds	Dominion Diamonds	EKATI Diamond Mine	158,700	162,600	219,200	235,400	204,900	253,000	193,400	198,600	165,533	150,995	172,644	172,644	192,665	200,110	208,533	215,981			
		Total	158,700	162,600	219,200	235,400	204,900	253,000	193,400	198,600	165,533	150,995	172,644	172,644	192,665	200,110	208,533	215,981			
	De Beers Canada Inc.	Snap Lake Mine	NA	NA	NA	NA	NA	NA	NA	NA	NA	70,887	74,377	88,634	96,523	NA	111,139	NA			
		Total	0	0	0	0	0	0	0	0	116,291	101,875	141,471	149,235	138,208	57,107	NA	49,455			
	Diavik Diamond Mines Inc.	Diavik Diamond Mine	107,500	65,000	141,600	107,500	148,300	155,500	162,000	198,709	209,710	172,992	188,746	191,583	NA	NA	182,427	NA			
		Total	107,500	65,000	141,600	107,500	148,300	155,500	162,000	198,709	209,710	172,992	188,746	191,583	NA	NA	182,427	NA			
Gold	Agnico Eagle Mines	Gollex	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	11,545	158,820	
		Kittila	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	8,229	20,416
		Lama	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7,988	7,664
		LaRonde	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	29,452	34,976
		Mascota/Pinos Altos	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	50,243	103,469
		Meadowbank	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	189,705	186,144
		La India	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	38,881	31,920
		Total	38,900	56,900	62,200	64,200	62,700	NA	48,400	44,000	41,400	76,477	78,695	81,407	82,563	86,953	70,930	66,912	67,036		
		Barrick Gold Corporation	Essakane	NA	NA	NA	NA	NA	NA	NA	NA	NA	35,205	75,972	140,416	172,051	200,133	287,428	307,944	319,510	
			Musane	NA	NA	NA	NA	NA	NA	NA	40,400	56,700	51,600	45,121	61,548	NA	NA	NA	NA	NA	
	Rosebel Gold Mines N.V.		NA	NA	NA	NA	NA	NA	NA	83,800	88,100	101,600	118,917	121,574	123,394	148,079	147,622	161,029	158,423	157,383	
	Westwood Project		NA	NA	NA	NA	NA	NA	NA	NA	NA	0	4,780	6,466	8,480	11,266	13,104	12,926	12,405		
	Total		0	0	0	0	0	0	124,900	145,710	154,010	200,295	264,885	271,522	330,019	360,194	462,181	479,293	489,298		
	First Quantum Minerals		NA	NA	NA	36,000	33,800	37,100	32,400	32,500	37,400	17,431	6,376	305	220	0	0	0	166		
	New Gold	New Afton	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	13,661	13,029	15,670	0			
		Total	0	0	0	0	0	0	0	0	0	0	0	0	13,661	13,029	15,670	0			
	Oil Sands	Shell Canada Energy	Shell Albian Sands	38,900	56,900	62,200	100,200	96,500	37,100	205,700	222,210	232,810	294,203	349,956	353,234	412,802	447,147	546,140	589,875		
			Total	0	0	0	172,200	3,185,265	3,268,618	3,240,357	3,457,200	3,529,100	3,657,675	4,044,433	6,011,041	6,338,700	6,462,085	6,446,831	5,889,534	5,310,807	
		Suncor Energy Inc.	Oil Sands Facility	3,703,500	6,584,600	7,928,500	272,400	8,635,200	7,752,100	9,040,100	9,552,000	9,056,300	9,202,464	8,565,579	8,528,337	7,242,615	NA	7,820,277	NA		
	Syncrude Canada Ltd.	Syncrude Canada Ltd.	7,900,000	8,700,000	9,300,000	580,800	10,367,000	10,357,300	13,490,900	13,005,800	11,775,000	11,666,000	12,721,000	12,860,275	12,366,000	0	11,900,000	11,470,000	11,220,012		
		Total	7,900,000	8,700,000	9,300,000	853,200	10,367,000	10,357,300	13,490,900	13,005,800	11,775,000	11,666,000	12,721,000	12,860,275	12,366,000	0	11,900,000	11,470,000	11,220,012		
	Uranium	Cameco Corporation	Key Lake Operation	NA	NA	NA	NA	NA	NA	NA	NA	81,291	86,954	89,873	87,219	90,631	92,594	83,464	84,605	79,280	76,141
McArthur River Operation			NA	NA	NA	NA	NA	NA	NA	77,912	83,993	94,729	93,032	97,589	103,125	104,768	109,867	92,270	75,195		
Rabbit Lake Operation			NA	NA	NA	NA	NA	NA	NA	NA	92,154	98,728	110,434	102,990	108,051	104,567	106,527	106,978	106,978	45,154	
Total			0	0	0	0	0	0	0	159,203	263,101	283,330	290,685	291,210	303,770	292,799	300,999	278,528	196,490		

Note: NA = Data not available
 * Reported GHG emissions and energy use data for Glencore Kidd Operations from 2010-2014 was revised in 2016 due to a calculation error in previous reports.
 ** Reported GHG emissions and energy use data for Vale Sudbury Operations was revised in 2016 due to a calculation error in the 2014 report.