

# Canada's Emissions Outlook / Perspectives des émissions du Canada: 1997-2020

Ont-1

## Macroeconomic Assumptions/Hypothèses macroéconomiques

Ontario

Mnemonic	1990	1995	1997	Projection						
				2000	2005	2010	2015	2020		
<b>REAL DOMESTIC PRODUCT:</b>										
RDPO	TOTAL (\$1986 MILLIONS).....	200703	213928	225272	249595	287001	320402	363847	411342	.....TOTAL (EN \$1986 MILLIONS)
RDPAGO	AGRICULTURE.....	2557	2854	3136	3429	3810	4094	4428	4727	.....AGRICULTURE
RDPINO	TOTAL INDUSTRIAL.....	62662	66103	70190	76817	87006	97211	108218	120554	.....INDUSTRIE
RDPPCO	COMMERCIAL & PUBLIC ADMIN.....	108124	114598	121528	134480	153799	172809	196294	221685	.....COMMERCIAL & ADMIN. PUBLIQUE
	AVIATION.....				Not Applicable					.....AÉRONAUTIQUE
	RAIL.....				Not Applicable					.....TRANSPORT FERROVIAIRE
<b>INDUSTRIAL GROSS OUTPUT: (\$1986 MILLIONS)</b>										
GOTPP0	PULP & PAPER.....	4918	4501	4707	4825	5294	5888	6544	7081	.....PATES ET PAPIERS
GOTC0H	CHEMICAL.....	4556	2997	3121	3357	3809	4363	5021	5664	.....CHIMIQUE
GOTIS0	IRON & STEEL.....	5382	7165	7754	8402	8798	9234	9667	10122	.....FER ET ACIER
GOTSRO	SMELTING & REFINING.....	1394	1969	2107	2341	2778	3272	3850	4498	.....FONTE ET AFFINAGE
GOTMID	MINING.....	4771	4034	4134	4588	4976	5355	5857	6303	.....MINES
GOTOMO	OTHER MANUFACTURING.....	122937	149650	159419	178620	203169	227042	252162	281256	.....AUTRES MANUFACTURIÈRES
GOTCOO	CONSTRUCTION.....	31656	23967	25202	25801	29555	33693	38479	43597	.....CONSTRUCTION
GOTFOO	FORESTRY.....	1157	1169	1149	1096	1169	1228	1294	1322	.....FORESTERIE
GOTCMO	CEMENT.....	387	256	294	307	340	372	418	484	.....CIMENT
GOTPRO	PETROLEUM REFINING.....	5466	5407	5821	5898	6131	6457	6887	7347	.....RAFFINAGE DU PÉTROLE
<b>REAL PERS. DISP. INCOME: (\$1986 MILLIONS)</b>										
YPDO	PERS. DISP. INCOME.....	182750	201768	210055	172273	200864	226478	254298	280998	.....REVENUE PERS. DISP. RÉEL: (\$1986 MILLIONS)
YDPDCO	PER CAPITA (\$1986).....	15011	13975	13710	14526	16110	17264	18259	18928	.....REVENUE PERS. DISP. PAR HABITANT (\$1986)
YDPDHO	PER HOUSEHOLD (\$1986).....	41606	37433	37092	38859	41982	43722	44635	44528	.....REVENUE PERS. DISP. PAR MÉNAGE (\$1986)
<b>PRICES AND COSTS: (1986=1.0)</b>										
PWPIUS	U.S. PRODUCER PRICE (1982=100).....	119.1	127.9	131.9	136.5	148.1	167.1	196.8	230.5	.....PRIX ET COÛTS: (1986=1.0)
PGDP	GDP DEFLATOR - TOTAL.....	1.177	1.257	1.285	1.352	1.483	1.634	1.776	1.929	.....IPP AUX É.-U. (1982=100)
PGDPII	INDUSTRIAL.....	1.163	1.26	1.265	1.338	1.452	1.627	1.776	1.941	.....DÉGONFLEUR DU PIB - TOTAL
PGDPCP	COMMERCIAL.....	1.216	1.304	1.352	1.423	1.593	1.771	1.957	2.168	.....INDUSTRIE
CPI	CONSUMER PRICE INDEX.....	1.195	1.335	1.378	1.465	1.606	1.77	1.946	2.148	.....COMMERCE
<b>DEMOGRAPHIC: ('000)</b>										
POPO	TOTAL POPULATION.....	10341	11097	11407	11859	12468	13118	13927	14845	.....INDICE DES PRIX À LA CONSOMMATION
HHO	TOTAL HOUSEHOLDS.....	3731	4143	4216	4433	4785	5180	5697	6311	.....DÉMOGRAPHIE: ('000)
<b>LABOUR MARKET:</b>										
LFO	LABOUR FORCE ('000).....	5577	5732	5909	6231	6709	7144	7477	7729	.....POPULATION ACTIVE ('000)
EMPO	TOTAL EMPLOYMENT ('000).....	5225	5231	5409	5806	6238	6572	6912	7205	.....NOMBRE TOTAL D'EMPLOIS ('000)
URATEO	UNEMPLOYMENT RATE (%).....	6.3	8.74	8.46	6.82	7.02	8.01	7.55	6.78	.....TAUX DE CHÔMAGE (%)
RDPPEO	LABOUR PROD. (RDP/EMP) \$1986.....	38289	40679	41595	42989	46010	48754	52641	57092	.....PROD. DE LA M.-O. (PIB/EMP) \$1986
DDAYS0	HEATING DEGREE DAYS (NORM=1).....	0.898	0.99	0.991	0.976	0.976	0.976	0.976	0.976	.....DEGRÉS-JOURS (NORMALE=1)

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**World and Domestic Crude Oil Prices (\$/Barrel)  
Prix du pétrole brut international et intérieur (\$/baril)**

**Ontario**

Mnemonic	1990	1995	1997	Projection					
				2000	2005	2010	2015	2020	
<b>WEST TEXAS INTERMEDIATE: (\$US)</b>									<b>WEST TEXAS INTERMEDIATE: (\$US)</b>
CUSHING.....	24.48	17.16	18.45	22.90	25.71	29.01	33.10	36.97	.....À CUSHING
REAL (\$1995) \$/BBL.....	24.96	17.16	18.45	20.00	20.00	20.00	20.00	20.00	.....EN TERMES RÉELS (\$1995/B)
TRANSPORTATION TO CHICAGO.....	0.60	0.58	0.59	0.63	0.67	0.71	0.76	0.80	.....TRANSPORT À CHICAGO
CHICAGO.....	25.08	17.74	19.04	23.53	26.38	29.72	33.85	37.77	.....À CHICAGO
<b>BRENT (\$US)</b>									<b>BRENT: (\$US)</b>
NORTH SEA (F.O.B.).....	23.86	15.82	17.03	21.25	23.91	27.03	30.89	34.56	.....MER DU NORD (F.A.B.)
OCEAN LOSS.....	0.10	0.06	0.07	0.09	0.10	0.11	0.12	0.14	.....PERTES EN MER
TRANSPORTATION TO PORTLAND.....	0.91	0.84	0.85	0.91	0.96	1.02	1.09	1.15	.....TRANSPORT À PORTLAND
TRANSPORTATION TO MONTREAL.....	0.73	0.57	0.58	0.62	0.65	0.70	0.74	0.79	.....TRANSPORT À MONTRÉAL
MONTREAL (C.L.F.).....	25.60	17.29	18.52	22.86	25.62	28.86	32.85	36.63	.....À MONTRÉAL (C.L.F.)
<b>CANADIAN PAR:</b>									<b>PRIX DU PAR CANADIEN:</b>
CHICAGO (\$US).....	24.99	17.16	18.85	23.29	26.11	29.42	33.52	37.39	.....À CHICAGO (\$US)
U.S. IMPORT TARIFFS.....	0.21	0.12	0.13	0.13	0.13	0.13	0.13	0.13	.....DROITS AMÉR. D'IMPORTATION
TRANSPORTATION TO U.S. BORDER.....	0.47	0.55	0.56	0.60	0.63	0.67	0.72	0.76	.....TRANSPORT À LA FRONTIÈRE CAN.
TRANSPORTATION TO EDMONTON.....	0.55	0.55	0.56	0.58	0.61	0.64	0.67	0.69	.....TRANSPORT À EDMONTON
EDMONTON (\$CDN).....	27.67	21.85	24.17	29.09	31.77	34.19	37.29	39.87	.....EDMONTON (\$CAN)
<b>REFINERY CRUDE COST (\$CDN):</b>									<b>PRIX AUX RAFFINERIES: (\$CAN)</b>
ALBERTA.....	27.67	21.85	24.17	29.09	31.77	34.19	37.29	39.87	.....ALBERTA
ONTARIO.....	27.21	21.57	25.36	30.79	33.52	36.04	39.19	41.89	.....ONTARIO
QUEBEC.....	28.34	22.30	25.49	31.03	33.76	36.30	39.45	42.18	.....QUÉBEC
ATLANTIC.....	28.34	22.30	23.36	27.92	30.42	32.64	35.50	37.88	.....PROV. DE L'ATLANTIQUE

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**Domestic and Export Natural Gas Price (\$/Mcf)  
Prix du gaz naturel intérieur et à l'exportation (\$/10<sup>3</sup> pi<sup>3</sup>)**

**Ontario**

Mnemonic	1990	1995	1997	Projection					
				2000	2005	2010	2015	2020	
<b>DOMESTIC PRICE AT ALTA. BORDER:</b>									<b>PRIX À LA FRONTIÈRE DE L'ALBERTA:</b>
AVERAGE REAL (\$1995).....	2.05	2.15	1.67	1.96	2.02	2.08	2.07	2.06	.....MOYEN RÉEL (\$1995)
AVERAGE NOMINAL.....	1.85	2.10	1.67	2.15	2.46	2.76	2.97	3.19	.....MOYEN NOMINAL
RESIDENTIAL.....	2.04	2.02	1.86	2.40	2.77	3.11	3.36	3.62	.....RÉSIDENTIEL
COMMERCIAL.....	1.98	2.02	1.78	2.30	2.66	2.99	3.23	3.48	.....COMMERCIAL
INDUSTRIAL (DIRECT SALES).....	1.64	2.15	1.49	1.92	2.22	2.49	2.69	2.90	.....INDUSTRIEL (VENTES DIRECTES)
TORONTO GAS/OIL PARITY.....	0.62	0.89	0.67	0.66	0.67	0.68	0.67	0.67	.....RAPPORT GAZ/PÉTROLE À TORONTO
<b>EXPORT PRICE AT US BORDER:</b>									<b>PRIX MOYEN À L'EXPORTATION:</b>
NOMINAL (SCDN).....	2.27	2.58	1.80	2.25	2.56	2.85	3.07	3.29	.....NOMINAL (SCAN.)
NOMINAL (SUS).....	1.95	1.89	1.31	1.70	2.00	2.34	2.63	2.95	.....NOMINAL (SUS)
<b>REAL AVERAGE FIELD GATE PRICE</b>									<b>PRIX RÉEL AU PUIT</b>
ALL CANADIAN & EXPORT SALES (\$1995CDN)/MCF.....	1.75	1.90	1.35	1.65	1.73	1.80	1.80	1.80	VENTES INTÉRIEURES ET À L'EXP.: (\$1995 CAN.)
HENRY HUB (\$1995CDN)/MCF.....	2.15	2.60	2.25	2.55	2.65	2.70	2.70	2.70	HENRY HUB (\$1995 CAN.)
HENRY HUB (\$1995 U. S.)/MCF.....	1.85	1.90	1.65	1.90	1.98	2.05	2.05	2.05	HENRY HUB (\$1995 US)

## Canada's Emissions Outlook / Perspectives des émissions du Canada: 1997-2020

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### Energy Prices (\$/Gigajoule) Prix de l'énergie (\$/gigajoule)

Ontario

Mnemonic		1990	1995	1997	Projection					
					2000	2005	2010	2015		2020
<b>ENERGY PRICE INDEXES (1986=1.0)</b>					<b>INDICE DE PRIX DE L'ÉNERGIE: (1986=1)</b>					
PDIRAO	RESIDENTIAL.....	1.55	2.18	2.36	2.39	2.52	2.75	2.99	3.24	.....RÉSIDENTIEL
PDIRCO	COMMERCIAL.....	1.67	2.02	2.00	2.02	2.10	2.29	2.48	2.69	.....COMMERCIAL
PDIINO	INDUSTRIAL.....	1.53	2.25	2.23	2.08	1.96	2.14	2.32	2.51	.....INDUSTRIEL
PDIRTO	TRANSPORTATION.....	1.53	1.45	1.67	1.68	1.84	2.00	2.17	2.37	.....TRANSPORT
PDISDO	TOTAL SECONDARY DEMAND.....	1.56	1.95	2.04	2.01	2.07	2.25	2.45	2.65	.....DEMANDE SECONDAIRE TOTALE
<b>REGIONAL SECTORAL PRICES: (\$/GJ - EFFICIENCY ADJUSTED)</b>					<b>PRIX SECTORIELS RÉGIONAUX: (\$/GJ - RAJ. SELON RENDEMENT)</b>					
PULFRO	LFO - RESIDENTIAL.....	14.15	15.00	17.92	16.03	16.05	16.42	17.94	19.61	.....MAZOUT LÉGER - RÉSIDENTIEL
PULFCO	- COMMERCIAL.....	11.21	11.29	12.86	11.86	12.90	13.98	15.31	16.79	.....COMMERCIAL
PUHFIO	HFO - INDUSTRIAL.....	4.16	4.05	5.34	4.98	5.38	5.74	6.27	6.83	.....MAZOUT LOURD - INDUSTRIEL
PUHFCO	- COMMERCIAL.....	4.52	4.40	5.81	5.42	5.85	6.25	6.82	7.42	.....COMMERCIAL
PUNGRO	NATURAL GAS - RESIDENTIAL.....	8.01	7.91	8.75	9.19	9.57	9.90	10.65	11.51	.....GAZ NATUREL - RÉSIDENTIEL
PUNGCO	- COMMERCIAL.....	5.42	5.74	6.25	6.74	7.42	8.22	8.95	9.77	.....COMMERCIAL
PUNGIO	- INDUSTRIAL.....	3.92	3.89	3.94	4.25	4.68	5.18	5.61	6.09	.....INDUSTRIEL
PUELRO	ELECTRICITY - RESIDENTIAL.....	19.36	27.78	27.78	27.78	28.45	30.87	33.42	36.10	.....ÉLECTRICITÉ - RÉSIDENTIEL
PUELCO	- COMMERCIAL.....	16.19	23.06	23.06	23.06	23.62	25.63	27.73	29.97	.....COMMERCIAL
PUELIO	- INDUSTRIAL.....	14.31	20.83	20.00	17.50	14.94	16.21	17.54	18.95	.....INDUSTRIEL
<b>PRICE RATIOS: (EFFICIENCY ADJ'D)</b>					<b>PRIX RELATIFS: (RAJ. SELON REND.)</b>					
<b>RESIDENTIAL:</b>					<b>.....RÉSIDENTIEL:</b>					
RPEORO	ELECTRICITY / LIGHT FUEL OIL.....	1.37	1.85	1.55	1.73	1.77	1.88	1.86	1.84	.....ÉLECTRICITÉ / MAZOUT LÉGER
RPEGRO	ELECTRICITY / NATURAL GAS.....	2.42	3.51	3.18	3.02	2.97	3.12	3.14	3.14	.....ÉLECTRICITÉ / GAZ NATUREL
RPOGRO	LIGHT FUEL OIL / NATURAL GAS.....	1.77	1.90	2.05	1.74	1.68	1.66	1.68	1.70	.....MAZOUT LÉGER / GAZ NATUREL
<b>COMMERCIAL:</b>					<b>.....COMMERCIAL:</b>					
RPEOCO	ELECTRICITY / LIGHT FUEL OIL.....	1.44	2.04	1.79	1.94	1.83	1.83	1.81	1.79	.....ÉLECTRICITÉ / MAZOUT LÉGER
RPEGCO	ELECTRICITY / NATURAL GAS.....	2.99	4.01	3.69	3.42	3.18	3.12	3.10	3.07	.....ÉLECTRICITÉ / GAZ NATUREL
RPOGCO	LIGHT FUEL OIL / NATURAL GAS.....	2.07	1.96	2.06	1.76	1.74	1.70	1.71	1.72	.....MAZOUT LÉGER / GAZ NATUREL
<b>INDUSTRIAL:</b>					<b>.....INDUSTRIEL:</b>					
RPEOIO	ELECTRICITY / HEAVY FUEL OIL.....	3.44	5.15	3.75	3.51	2.78	2.82	2.80	2.78	.....ÉLECTRICITÉ / MAZOUT LOURD
RPEGIO	ELECTRICITY / NATURAL GAS.....	3.65	5.36	5.08	4.12	3.19	3.13	3.13	3.11	.....ÉLECTRICITÉ / GAZ NATUREL
RPOGIO	HEAVY FUEL OIL / NATURAL GAS.....	1.06	1.04	1.36	1.17	1.15	1.11	1.12	1.12	.....MAZOUT LOURD / GAZ NATUREL

## Canada's Emissions Outlook / Perspectives des émissions du Canada: 1997-2020

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### Oil and Gas Supply Offre de Petrole et Gaz Naturel

**Ontario**

Mnemonic	1990	1995	1997	Projection					
				2000	2005	2010	2015	2020	
<b>LIGHT CRUDE OIL (10<sup>3</sup>m<sup>3</sup>/d):</b>									<b>PÉTROLE BRUT LÉGER:</b>
CONVENTIONAL (INCL. E.O.R.)	0.70	0.80	0.60	0.58	0.56	0.55	0.53	0.49	.....CONVENTIONNEL (INCL. E.O.R.)
SYNTHETIC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	.....SYNTHÉTIQUE
FRONTIERS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	.....PIONNIÈRES
PENTANES	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	.....PENTANES
<b>HEAVY CRUDE OIL (10<sup>3</sup>m<sup>3</sup>/d):</b>									<b>PÉTROLE BRUT LOURD:</b>
CONVENTIONAL (INCL. E.O.R.)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	.....CONVENTIONNEL (INCL. E.O.R.)
IN-SITU AND BITUMEN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	.....IN-SITU ET SABLES BITUMEUX
<b>TOTAL OIL</b>	<b>0.70</b>	<b>0.80</b>	<b>0.60</b>	<b>0.58</b>	<b>0.56</b>	<b>0.55</b>	<b>0.53</b>	<b>0.49</b>	
<b>NATURAL GAS (BCF):</b>									<b>GAZ NATUREL (10<sup>9</sup>pi<sup>3</sup>)</b>
TOTAL PRODUCTION	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	.....PRODUCTION TOTALE

# Canada's Emissions Outlook / Perspectives des émissions du Canada: 1997-2020

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## Summary Results - Energy Demand (Petajoules) Sommaire - Demande d'énergie (pétajoules)

**Ontario**

Mnemonic		1990	1995	1997	Projection					
					2000	2005	2010	2015		2020
<b>END USE DEMAND BY FUEL:</b>										
MTSEUO	TOTAL END USE DEMAND.....	2573.7	2733.8	2845.9	2967.8	3085.7	3235.2	3448.6	3678.2	UTILISATION FINALE PAR COMBUSTIBLE:
MRPEUO	RPPs.....	1029.5	1078.1	1153.6	1158.3	1195.7	1275.0	1364.8	1467.0	...TOTAL
MNGEEO	NATURAL GAS.....	770.4	865.0	872.0	955.1	982.8	999.4	1050.6	1105.3	....PRODUITS PÉTROLIERS RAFFINÉS
MELEUO	ELECTRICITY.....	468.4	475.9	479.0	514.3	553.0	585.6	629.4	676.6	....GAZ NATUREL
MOCEUO	COAL.....	20.5	16.4	20.0	21.0	20.8	21.6	23.1	24.5	....ÉLECTRICITÉ
MLPEUO	LPGs.....	58.0	76.7	76.8	66.5	74.0	80.5	82.3	83.4	....CHARBON
MKGEUO	COKE AND COKE OVEN GAS.....	127.6	121.3	120.8	126.4	125.3	130.2	139.0	147.8	....GLP
MSTEUO	STEAM.....	19.0	2.9	21.2	22.2	22.0	22.9	24.4	25.9	....COKE ET GAZ DE FOUR À COKE
MOFEUO	OTHER.....	61.6	74.6	79.2	82.3	88.0	93.5	105.9	114.5	....VAPEUR
MWDEUO	RESIDENTIAL WOOD.....	18.8	21.1	21.0	22.2	24.6	26.9	29.6	33.7	....AUTRES
<b>END USE DEMAND BY SECTOR:</b>										
MTSEUO	TOTAL END-USE DEMAND.....	2573.7	2733.8	2845.9	2967.8	3085.7	3235.2	3448.6	3678.2	UTILISATION FINALE PAR SECTEUR:
MTRSRO	RESIDENTIAL.....	513.9	555.9	571.3	588.4	582.9	578.9	612.9	648.4	...TOTAL
MTSCPO	COMMERCIAL.....	310.7	361.6	379.5	422.0	453.3	481.6	513.2	547.8	....RÉSIDENTIEL
MTSINO	INDUSTRIAL.....	1068.2	1104.4	1129.8	1160.0	1205.9	1273.4	1348.0	1424.0	....COMMERCIAL
MTSTRO	TRANSPORTATION.....	680.8	711.9	765.4	797.4	843.6	901.4	974.6	1058.0	....INDUSTRIEL
<b>PRIMARY DEMAND BY SECTOR:</b>										
HTSPDO	TOTAL PRIMARY ENERGY DEMAND.....	3320.1	3691.9	3738.4	3839.6	4022.5	4115.4	4273.9	4553.6	DEMANDE PRIMAIRE PAR SECTEUR:
MTSEUO	END-USE DEMAND.....	2573.7	2733.8	2845.9	2967.8	3085.7	3235.2	3448.6	3678.2	...TOTAL
MTSFFO	FOSSIL FUEL PRODUCERS.....	92.0	122.3	125.5	113.4	123.0	132.8	146.2	150.1	....UTILISATION FINALE
MTSELO	ELECTRICITY GENERATION.....	655.1	836.5	769.7	758.0	813.4	746.9	678.7	724.7	....PRODUCTION DES COMBUSTIBLES FOSSILES
<b>PRIMARY DEMAND BY FUEL:</b>										
HTSPDO	TOTAL PRIMARY ENERGY DEMAND.....	3320.1	3691.9	3738.4	3839.6	4022.5	4115.4	4273.9	4553.6	DEMANDE PRIMAIRE PAR COMBUSTIBLE:
HRPPDO	RPPs.....	1045.1	1084.1	1159.7	1159.0	1196.3	1275.6	1365.4	1467.6	...TOTAL
HNGPDO	NATURAL GAS.....	824.6	1000.5	1065.3	1166.5	1225.1	1376.9	1635.3	1795.9	....PRODUITS PÉTROLIERS RAFFINÉS
HLPPDO	LPGs.....	59.0	77.2	76.8	66.5	74.0	80.5	82.3	83.4	....GAZ NATUREL
HCCPDO	COAL.....	439.2	323.7	390.5	404.3	404.8	367.6	301.4	217.6	....GLP
HENPDO	NUCLEAR ELECTRICITY.....	686.4	997.0	811.9	810.0	877.1	749.8	609.3	695.3	....CHARBON
HEHPDO	HYDRO ELECTRICITY (3.6).....	185.5	113.6	134.0	128.9	132.5	138.8	138.8	138.8	....ÉLECTRICITÉ NUCLÉAIRE
HOFPDO	OTHER (RENEWABLES).....	80.4	95.7	100.2	104.5	112.6	126.1	141.5	155.0	....HYDRO ÉLECTRICITÉ (3.6)
<b>RATIOS:</b>										
RRDPHO	RES. DEMAND / HOUSEHOLD (GJ)	137.7	134.2	135.5	132.7	121.8	111.8	107.6	102.7	...DEMANDE RES. / MÉNAGE (GJ)
MCDPRO	COM. DEMAND / COM. RDP.....	1.7	1.8	1.8	1.8	1.8	1.7	1.6	1.6	...DEMANDE COM. / PIR COM.
RIDPRO	IND. DEMAND / IND. RDP.....	12.8	12.0	11.1	10.8	10.1	9.6	9.2	8.8	...DEMANDE IND. / PIR IND.
MEUPRO	END USE DEMAND / POP (GJ).....	248.9	246.3	249.5	250.2	247.5	246.6	247.6	247.8	...UTILISATION FINALE / POP. (GJ)
MEUPRO	" " / RDP.....	12.8	12.8	12.6	11.9	10.8	10.1	9.5	8.9	...UTILISATION FINALE / PIR.
RPDPPO	PRIMARY DEMAND / POP (GJ).....	316.8	324.5	319.5	323.8	322.6	313.7	306.9	306.7	...DEMANDE PRIMAIRE / POP. (GJ)
RPDPPO	" " / RDP.....	16.4	16.9	16.2	15.4	14.0	12.8	11.7	11.1	...DEMANDE PRIMAIRE / PIR.

# Canada's Emissions Outlook / Perspectives des émissions du Canada: 1997-2020

Ont-9

## End-Use Demand by Major Fuels (Petajoules) Utilisation finale par combustibles principaux (pétajoules)

Ontario

Mnemonic	1990	1995	1997	Projection				2020		
				2000	2005	2010	2015			
<b>RESIDENTIAL:</b>										
MTSRAO	TOTAL RESIDENTIAL.....	513.9	555.9	571.3	588.4	582.9	578.9	612.9	648.4	.....TOTAL RÉSIDENTIEL
HDFAGO	DIESEL FUEL AGRICULTURE.....	9.6	13.7	17.2	18.1	19.5	21.0	22.8	24.4	.....CARBURANT DIESEL AGRICULTURE
HTSORO	TOTAL OTHER RESIDENTIAL.....	513.9	555.9	571.3	588.4	582.9	578.9	612.9	648.4	.....TOTAL AUTRES RÉSIDENTIEL
HELRAO	ELECTRICITY.....	174.7	160.3	158.7	164.7	167.8	171.1	183.2	196.3	.....ÉLECTRICITÉ
HNGRAO	NATURAL GAS.....	260.7	328.2	338.7	371.5	363.3	349.9	362.5	375.7	.....GAZ NATUREL
HRPORO	TOTAL RPPs.....	54.6	40.1	43.4	24.3	18.7	19.8	28.9	36.8	.....TOTAL PPR
HCCRAO	COAL.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	.....CHARBON
HLPRAO	LPGs.....	5.1	6.1	9.4	5.7	8.5	11.2	8.6	5.8	.....GLP
HWDRAO	WOOD.....	18.8	21.1	21.0	22.2	24.6	26.9	29.6	33.7	.....BOIS
<b>COMMERCIAL:</b>										
MTSCPO	TOTAL COMMERCIAL.....	310.7	361.6	379.5	422.0	453.3	481.6	513.2	547.8	.....TOTAL COMMERCIAL
HELCP0	ELECTRICITY.....	139.0	159.3	164.0	186.8	207.0	225.4	243.9	263.0	.....ÉLECTRICITÉ
HNGCPO	NATURAL GAS.....	148.9	165.7	185.9	202.1	204.9	207.7	216.1	227.8	.....GAZ NATUREL
MRPCPO	TOTAL RPPs.....	17.9	16.7	17.4	15.0	17.2	19.8	20.9	21.6	.....TOTAL PPR
HLPCPO	LPGs.....	5.0	20.0	12.2	18.2	24.1	28.8	32.5	35.7	.....GLP
<b>INDUSTRIAL:</b>										
MTSINO	TOTAL INDUSTRIAL.....	1068.2	1104.4	1129.8	1160.0	1205.9	1273.4	1348.0	1424.0	.....TOTAL INDUSTRIEL
MELINO	ELECTRICITY.....	154.7	156.3	156.3	161.6	176.9	187.9	201.1	216.1	.....ÉLECTRICITÉ
MNGINO	NATURAL GAS.....	360.0	367.9	345.9	380.6	413.5	440.8	470.9	500.7	.....GAZ NATUREL
MRPINO	TOTAL RPPs.....	289.2	324.1	341.0	327.8	321.4	338.3	350.7	363.1	.....TOTAL PPR
MCCINO	COAL.....	20.5	16.4	20.0	21.0	20.8	21.6	23.1	24.5	.....CHARBON
MLPINO	LPGs.....	37.1	40.7	44.6	39.1	39.0	39.3	40.0	40.6	.....GLP
MSINO	STEAM.....	19.0	2.9	21.2	22.2	22.0	22.9	24.4	25.9	.....VAPEUR
MKGINO	COKE & COKE OVEN GAS.....	127.6	121.3	120.8	126.4	125.3	130.2	139.0	147.8	.....COKE ET GAZ DE FOUR À COKE
HIPINO	PULP SPENTING & WOOD WASTE.....	61.6	74.6	79.2	82.0	87.5	92.8	99.4	105.9	.....LIQ. NOIRES & REBUTS DE BOIS
<b>TRANSPORTATION:</b>										
MTSTRO	TOTAL TRANSPORTATION.....	680.8	711.9	765.4	797.4	843.6	901.4	974.6	1058.0	.....TOTAL TRANSPORT
HTSTRO	TOTAL TRANSPORTATION DEMAND.....	624.3	659.8	713.4	737.9	782.2	834.7	901.5	979.3	.....DEMANDE TOTALE - TRANSPORT
HMGAGO	MOTOR GASOLINE AGRICULTURE.....	9.4	8.5	9.5	9.8	9.8	10.2	11.0	11.8	.....MOTEUR A ESSENCE AGRICULTURE
HDFAGO	DIESEL FUEL AGRICULTURE.....	9.6	13.7	17.2	18.1	19.5	21.0	22.8	24.4	.....DIESEL AGRICULTURE
HAGCPO	AVIATION GASOLINE COMMERCIAL.....	1.4	0.7	0.8	1.3	1.6	1.8	2.1	2.3	.....CARB AVIATION COMMERCIAL
HTFCPO	TURBO FUEL COMMERCIAL.....	7.0	3.8	4.1	5.5	5.9	6.3	6.6	6.8	.....CARB. MOTEUR TURBO (COMM)
HDFFAO	DIESEL FUEL PUBLIC ADMIN.....	4.3	3.6	2.5	4.4	4.5	4.5	4.8	5.1	.....DIESEL ADMIN. PUBL
HDFFNO	DIESEL FUEL INDUSTRIAL.....	24.7	21.8	17.9	20.3	20.0	22.9	25.8	28.3	.....DIESEL INDUSTRIEL

## Canada's Emissions Outlook / Perspectives des émissions du Canada: 1997-2020

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### Industrial Demand by Industry I (Petajoules) Demande industriel par industries I (pétajoules)

**Ontario**

Mnemonic	1990	1995	1997	Projection						
				2000	2005	2010	2015	2020		
<b>PULP AND PAPER MILLS:</b>										
MTSPPO	TOTAL	80.2	75.6	78.9	77.7	81.4	86.9	94.9	101.3	<b>PATES ET PAPIERS:</b>
HRPPPO	REFINED PETROLEUM PRODUCTS	4.9	4.4	5.8	6.5	6.1	6.9	7.7	8.2	TOTAL
HELPPPO	ELECTRICITY	28.9	32.2	33.3	31.6	33.3	34.6	37.0	39.1	PRODUITS PÉTROLIERS RAFFINÉS
HNGPPO	NATURAL GAS	43.8	38.7	39.1	39.1	42.0	45.3	50.1	54.0	ÉLECTRICITÉ
HOFPPO	OTHER FUELS	2.7	0.3	0.8	0.5	0.0	0.0	0.1	0.0	GAZ NATUREL
<b>CHEMICAL:</b>										
HTSCHO	TOTAL	90.3	71.4	80.9	86.1	96.2	108.6	123.1	136.8	<b>CHIMIQUE:</b>
HRPCHO	REFINED PETROLEUM PRODUCTS	6.7	2.3	3.1	3.7	3.9	4.8	5.7	6.4	TOTAL
HELCHO	ELECTRICITY	22.3	18.3	16.8	17.4	20.2	22.8	25.8	28.9	PRODUITS PÉTROLIERS RAFFINÉS
HNGCHO	NATURAL GAS	42.7	32.7	37.3	40.5	46.2	52.0	58.5	64.6	ÉLECTRICITÉ
HOFCCHO	OTHER FUELS	18.7	18.1	23.7	24.4	25.8	29.0	33.1	37.0	GAZ NATUREL
<b>IRON AND STEEL:</b>										
HTSISO	TOTAL	189.9	201.7	209.6	219.3	222.7	226.8	235.0	242.6	<b>FER ET ACIER:</b>
HRPISO	REFINED PETROLEUM PRODUCTS	14.5	8.8	7.5	8.7	8.3	9.1	9.8	10.4	TOTAL
HELISO	ELECTRICITY	16.3	17.9	19.6	22.4	23.5	23.9	24.7	25.7	PRODUITS PÉTROLIERS RAFFINÉS
HNGISO	NATURAL GAS	38.2	55.8	63.1	67.3	69.4	70.4	72.5	74.3	ÉLECTRICITÉ
HOFSISO	OTHER FUELS	120.9	119.2	119.4	120.9	121.5	123.4	128.0	132.3	GAZ NATUREL
<b>SMELTING AND REFINING:</b>										
HTSSRO	TOTAL	12.0	17.4	16.9	18.6	21.4	24.6	27.9	31.5	<b>FORGE ET AFFINAGE:</b>
HRPSRO	REFINED PETROLEUM PRODUCTS	1.4	0.3	0.4	0.5	0.5	0.6	0.7	0.8	TOTAL
HELSSRO	ELECTRICITY	0.4	4.7	4.6	4.8	5.8	6.6	7.4	8.4	PRODUITS PÉTROLIERS RAFFINÉS
HNGSRO	NATURAL GAS	10.2	12.4	11.9	12.2	14.2	16.2	18.3	20.4	ÉLECTRICITÉ
HOFSRO	OTHER FUELS	0.0	0.0	0.0	1.2	1.0	1.2	1.5	1.7	GAZ NATUREL
<b>MINING:</b>										
MTSMIO	TOTAL	30.5	30.4	31.2	35.4	35.6	39.0	43.8	48.7	<b>MINES:</b>
MRPMIO	REFINED PETROLEUM PRODUCTS	5.8	6.2	5.5	6.3	5.5	6.4	7.6	8.9	TOTAL
MELMIO	ELECTRICITY	15.8	14.1	13.6	14.0	15.1	16.3	18.1	19.9	PRODUITS PÉTROLIERS RAFFINÉS
MNGMIO	NATURAL GAS	3.5	5.5	7.2	9.9	10.1	10.9	12.1	13.3	ÉLECTRICITÉ
HOFMIO	OTHER FUELS	5.5	4.6	5.0	5.3	4.9	5.4	6.0	6.7	GAZ NATUREL
<b>OTHER MANUFACTURING:</b>										
HTSOMO	TOTAL	264.1	271.8	231.5	251.6	272.3	289.4	305.7	324.2	<b>AUTRES MANUFACTURIÈRES:</b>
HRPOMO	REFINED PETROLEUM PRODUCTS	13.2	10.9	10.6	10.7	10.8	12.3	13.6	14.7	TOTAL
HELOMO	ELECTRICITY	60.2	61.0	59.9	63.0	70.8	75.1	78.9	84.3	PRODUITS PÉTROLIERS RAFFINÉS
HNGOMO	NATURAL GAS	179.6	190.8	156.5	173.1	190.7	201.6	211.4	222.4	ÉLECTRICITÉ
HOFOOMO	OTHER FUELS	11.2	9.1	4.6	4.9	0.0	0.4	1.8	2.8	GAZ NATUREL
<b>CONSTRUCTION:</b>										
HTSCOO	TOTAL	13.0	9.5	8.4	8.3	9.2	10.1	11.2	12.2	<b>CONSTRUCTION:</b>
HRPCOO	REFINED PETROLEUM PRODUCTS	12.1	8.8	5.9	5.8	6.0	7.3	8.5	9.6	TOTAL
HNGCOO	NATURAL GAS	0.0	0.6	0.3	0.3	0.3	0.4	0.4	0.5	PRODUITS PÉTROLIERS RAFFINÉS
HOFCOO	OTHER FUELS	1.0	0.1	2.2	2.2	2.8	2.5	2.3	2.2	GAZ NATUREL

**Canada's Emissions Outlook / Perspectives des émissions du Canada: 1997-2020**

**Ont-11**

**Industrial Demand by Industry II (Petajoules)  
Demande industriel par industries II (pétajoules)**

**Ontario**

Mnemonic	1990	1995	1997	Projection					
				2000	2005	2010	2015	2020	
<b>FORESTRY:</b>									<b>FORESTERIE:</b>
HTSFOO TOTAL.....	1.9	1.5	2.4	2.2	2.3	2.3	2.4	2.3	.....TOTAL
HRPFOO REFINED PETROLEUM PRODUCTS.....	1.9	1.5	2.4	2.2	2.3	2.3	2.4	2.3	.....PRODUITS PÉTROLIERS RAFFINÉS
<b>CEMENT:</b>									<b>CIMENT:</b>
HTSCMO TOTAL.....	26.1	25.2	26.0	26.6	28.9	31.0	33.4	37.2	.....TOTAL
HRPCMO REFINED PETROLEUM PRODUCTS.....	5.3	6.1	4.3	4.0	4.0	4.7	5.3	6.0	.....PRODUITS PÉTROLIERS RAFFINÉS
HELCMO ELECTRICITY.....	3.0	2.8	3.0	3.0	3.4	3.6	3.9	4.4	.....ÉLECTRICITÉ
HNGCMO NATURAL GAS.....	1.3	1.5	0.9	1.0	1.1	1.1	1.2	1.4	.....GAZ NATUREL
HOFCMO OTHER FUELS.....	16.5	14.8	17.7	18.7	20.4	21.6	23.0	25.4	.....AUTRES COMBUSTIBLES
<b>PETROLEUM REFINING:</b>									<b>RAFFINAGE DU PÉTROLE:</b>
HTSPRO TOTAL.....	115.1	111.7	111.0	111.0	99.3	102.4	107.4	112.8	.....TOTAL
HRPPRO REFINED PETROLEUM PRODUCTS.....	29.0	27.1	28.6	28.3	24.9	27.8	30.6	32.9	.....PRODUITS PÉTROLIERS RAFFINÉS
HELPRO ELECTRICITY.....	8.0	5.3	5.6	5.4	4.8	5.0	5.2	5.5	.....ÉLECTRICITÉ
HNGPRO NATURAL GAS.....	21.3	14.1	13.1	13.3	12.8	13.2	13.8	14.4	.....GAZ NATUREL
HOFPRO OTHER FUELS.....	56.8	65.2	63.7	64.0	56.8	56.4	57.8	60.0	.....AUTRES COMBUSTIBLES
<b>NON COMBUSTION:</b>									<b>NON-ÉNERGÉTIQUE:</b>
HTSNEO TOTAL.....	212.4	238.9	274.9	261.5	269.1	282.4	289.5	296.9	.....TOTAL
HRPNEO REFINED PETROLEUM PRODUCTS.....	162.3	204.2	221.1	207.5	212.2	222.6	226.8	231.2	.....PRODUITS PÉTROLIERS RAFFINÉS
HLPNEO LIQUID PETROLEUM GASES LPG'S.....	27.2	17.5	35.9	30.0	30.0	30.0	30.0	30.0	.....GLP
HNGNEO NATURAL GAS.....	19.5	15.9	16.6	23.9	26.8	29.7	32.6	35.5	.....GAZ NATUREL
MKGNEO OTHER FUELS.....	3.4	0.7	0.1	0.1	0.1	0.1	0.1	0.1	.....AUTRES COMBUSTIBLES
<b>TOTAL INDUSTRIAL RENEWABLES:</b>									<b>TOTALES INDUSTRIEL RENEUVELABLES</b>
HHIPNO WOOD WASTE.....	12.6	21.1	23.3	24.1	24.1	24.1	24.1	24.1	.....BOIS
HPLINO PULP & PULP SPENTING.....	49.0	53.5	55.9	57.9	63.3	68.8	75.3	81.8	.....LESSIVE DE PÂTE ÉPUISSÉ
<b>TOTAL INDUSTRIAL:</b>									<b>TOTAL INDUSTRIEL:</b>
MTSINO TOTAL.....	1068.2	1104.4	1129.8	1160.0	1205.9	1273.4	1348.0	1424.0	.....TOTAL
MRPINO REFINED PETROLEUM PRODUCTS.....	289.2	324.1	341.0	327.8	321.4	338.3	350.7	363.1	.....PRODUITS PÉTROLIERS RAFFINÉS
MELINO ELECTRICITY.....	154.7	156.3	156.3	161.6	176.9	187.9	201.1	216.1	.....ÉLECTRICITÉ
MNGINO NATURAL GAS.....	360.0	367.9	345.9	380.6	413.5	440.8	470.9	500.7	.....GAZ NATUREL
MOFINO OTHER FUELS.....	264.3	256.2	286.6	290.0	294.0	306.3	325.3	344.1	.....AUTRES COMBUSTIBLES

## Canada's Emissions Outlook / Perspectives des émissions du Canada: 1997-2020

**Ont-12A**

### Determinants of Transportation Demand Demande du secteur des transports (pétajoules)

**Ontario**

Mnemonic	1990	1995	1997	Projection						
				2000	2005	2010	2015	2020		
<b>PASSENGER CARS:</b>				<b>VÉHICULES DE PASSAGERS:</b>						
NPVSTO	SALES - CARS ('000).....	344	268	296	317	352	393	441	496	....VENTES - VOLUME ('000).
ENPVS	NEW CAR EFFICIENCY L/100KM.....	10.3	10	10.1	9.6	9.4	9	8.6	8.3	....EFFICACITÉ DES NOUV. VOITURES (L/100KM)
EKTPVO	CAR STOCK EFFICIENCY L/100KM.....	10.6	10.2	10.1	9.9	9.5	9.1	8.7	8.3	....EFFICACITÉ DU PARC AUTOMOBILE (L/100KM)
KTPVSO	CAR STOCK (ALL FUELS) ('000).....	4230	4069	4133	4298	4670	4974	5421	5924	....PARC AUTOMOBILE (TOUS) ('000)
KMDPCO	AVERAGE-KM TRAVELLED PER CAR.....	19005	21000	21323	21971	21825	21818	22043	22306	....DISTANCE PARCOURUE PAR VOITURE
<b>GASOLINE TRUCKS:</b>				<b>CAMIONS À ESSENCE:</b>						
NTRKSTO	SALES - GASOLINE TRUCKS ('000).....	145	162	185	198	227	262	306	357	....VENTES - CAMION À ESSENCE ('000).
ENTKS	NEW GASOLINE TRUCK EFF./100KM.....	13.3	13.3	13.6	13.3	13.2	12.7	12.3	12	....EFFICACITÉ: CAMION (L/100KM)
KTTKSO	STOCK GASOLINE TRUCKS ('000).....	1290	1539	1828	2005	2296	2639	3055	3550	....PARC DE CAMION ('000)
KMDTKO	AVERAGE-KM GASOLINE TRUCKS.....	20352	18129	16433	16108	16101	16217	16355	16512	....DISTANCE PARCOURUE PAR CAMION
<b>DIESEL TRUCKS</b>				<b>CAMIONS DIESEL :</b>						
NLMDSO	SALES LIGHT/MEDIUM DIESEL TKS.....	7.3	12.1	10.9	11	11.8	12.6	13.4	14.4	....VENTES - CAMION DIESEL ('000).
ENLMS	NEW LM DIESEL TKS EFF. L/100KM.....	21.9	21.6	22	21.1	20.7	20.2	19.7	19.2	....EFFICACITÉ: CAMION (L/100KM)
KTLMSSO	STOCK L/M DIESEL TKS ('000).....	85	99	105	113	123	132	140	150	....PARC DE CAMIONS ('000)
KMDLMO	AVERAGE KM L/M DIESEL TRUCK.....	17704	24194	25866	23912	23680	23448	23424	23400	....DISTANCE PARCOURUE PAR CAMION
NHYDSO	SALES - HEAVY DIESEL TKS('000).....	5.4	10.4	7.9	7	8	9.2	10.2	11.4	....VENTES - CAMIONS LOURDS DIESEL ('000).
ENHYS	NEW HVY DIESEL TKS EFF./100KM.....	41.3	40.6	38	40	39.4	38.8	37.9	37	....EFFICACITÉ: CAMION (L/100KM)
KTHYSO	STOCK HEAVY DIESEL TRUCKS('000).....	74	78	81	87	89	96	106	117	....PARC DE CAMIONS ('000)
KMDHYO	AVERAGE-KM HEAVY DIESEL TRUCKS.....	67791	79944	93079	81629	80837	80046	79963	79879	....DISTANCE PARCOURUE PAR CAMION

## Canada's Emissions Outlook / Perspectives des émissions du Canada: 1997-2020

**Ont-12B**

### Transportation Demand By Mode (Petajoules) Demande du secteur des transports par mode(pétajoules)

**Ontario**

Mnemonic		1990	1995	1997	Projection					
					2000	2005	2010	2015	2020	
MTRKTO	ROAD TRANSPORTATION.....	585.0	618.0	657.0	681.0	715.0	759.0	820.0	889.0	.....TRANSPORT ROUTIER
	MOTOR GASOLINE									MOTEUR A ESSENCE
HMGCCO	CARS.....	288.5	294.6	303.4	322.1	332.4	340.6	358.8	380.6	.....VOITURES
HMGFTO	TRUCKS.....	108.2	111.8	121.8	136.2	157.1	180.5	204.9	234.0	.....CAMIONS
HMGMCO	MOTORCYCLES.....	0.8	0.7	0.8	0.9	1.0	1.2	1.3	1.5	.....MOTOCYCLETTES
HMGBSO	BUSES.....	0.9	0.8	0.8	0.9	1.1	1.2	1.4	1.5	.....AUTOBUS
HMGORO	OFF-ROAD.....	26.0	27.8	28.0	28.9	30.5	32.0	33.5	35.0	.....NON-ROUTIER
HMGAGO	FARM.....	9.4	8.5	9.5	9.8	9.8	10.2	11.0	11.8	.....FERME
HMGMAO	MARINE.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	.....TRANSPORT NAVAL
TOTMGO	TOTAL(MOTOR GASOLINE).....	432.4	442.8	462.9	498.2	530.9	564.5	603.8	655.3	.....TOTAL (MOTEUR A ESSENCE.)
	DIESEL FUEL OIL									CARBURANT DIESEL
HDFRTO	TRUCKS AND CARS.....	100.7	125.1	146.8	134.2	135.1	142.0	152.2	163.1	.....CAMIONS ET VOITURES
HDFPAO	PUBLIC ADMIN.....	4.3	3.6	2.5	4.4	4.5	4.5	4.8	5.1	.....ADMINISTRATIE PUBLIQUE
HDFMNO	INDUSTRY MANUFACTURING.....	8.6	7.8	6.3	8.8	8.8	9.9	10.9	11.7	.....INDUSTRIE DE FABRICATION
RRRDFO	ROAD,(TKS,CARS,MANU,PUB ADM)	113.6	136.6	155.6	147.4	148.4	156.5	167.9	180.0	.....TOTAL ROUTIER
HDFORO	INDUSTRY MINING,CONSTR,FOR.....	16.3	14.0	11.4	11.5	11.2	12.9	14.9	16.6	.....INDUSTRIE MINIERE,CONSTR,_FORET
HDFAGO	FARM.....	9.6	13.7	17.2	18.1	19.5	21.0	22.8	24.4	.....FERME
OFFDFO	OFFROAD,(FARM,IND less MANU).....	25.4	27.6	28.5	29.6	30.7	33.9	37.6	41.0	.....TOTAL NON-ROUTIER
TOTDFO	TOT DIESEL FUEL (ROAD&OFF-ROAD).....	139.0	164.2	184.1	177.0	179.1	190.4	205.5	221.0	.....TOTAL-DIESEL (ROUTIER ET NON-ROUTIER)
HDFINO	TOTAL INDUSTRY.....	24.7	21.8	17.9	20.3	20.0	22.9	25.8	28.3	.....TOTAL INDUSTRIE
HELRTO	ELECTRICITY.....	1.4	1.2	1.3	1.2	1.2	1.2	1.2	1.2	.....ELECTRICITE
HLPRTO	PROPANE.....	10.8	9.2	7.4	3.6	2.4	1.2	1.2	1.2	.....PROPANE
HNGRTO	COMPRESSED NATURAL GAS.....	0.8	0.7	0.9	0.9	1.0	1.1	1.1	1.1	.....GAZ NATUREL COMPRIME
HOFRTO	OTHER FUELS.....	0.0	0.1	0.3	0.3	0.5	0.8	6.7	8.9	.....AUTRES COMBUSTIBLES
	AIR TRANSPORTATION:									TRANSPORT AERIEN
HTFAVO	AVIATION TURBO FUEL,AIRLINES.....	44.0	48.7	59.5	65.7	74.6	85.6	95.9	109.8	.....CARB. MOTEUR TURBO (INDUS.)
HAGAVO	AVIATION GASOLINE, AIRLINES.....	0.2	0.1	0.1	0.2	0.2	0.2	0.2	0.3	.....CARB. AVION (INDUS)
HTSAVO	TOTAL AVIATION FUELS,AIRLINES.....	44.2	48.9	59.5	65.8	74.7	85.8	96.2	110.1	.....TOTAL, (INDUSTRIE)
HTFCIO	AVIATION TURBO FUEL,COMMERCIAL.....	1.3	1.7	2.3	1.9	2.0	2.0	2.0	2.0	.....CARB. MOTEUR TURBO (COMM)
HAGCIO	AVIATION GASOLINE,COMMERCIAL.....	1.1	0.7	0.8	1.2	1.5	1.7	1.9	2.1	.....CARB. AVION (COMM)
HTFPAO	AVIATION TURBO FUEL, PUB ADMIN.....	5.8	2.1	1.8	3.6	4.0	4.3	4.6	4.8	.....CARB. MOTEUR TURBO (ADM,PUB.)
HAGPAO	AVIATION GASOLINE, PUB ADMIN.....	0.3	0.1	0.0	0.1	0.1	0.2	0.2	0.2	.....CARB. AVION (ADM,PUB.)
M TSAVO	TOTAL AVIATION FUELS,ALL USERS.....	52.6	53.4	64.4	72.7	82.3	93.9	104.8	119.2	.....TOTAL TRANSPORT AERIEN
	RAIL TRANSPORTATION:									TRANSPORT FERROVIAIRE
HTSRLO	DIESEL FUEL_OIL.....	23.0	21.3	23.1	25.6	26.9	28.0	29.4	30.9	.....DIESEL
	MARINE TRANSPORTATION:									TRANSPORT MARITIME
HHFMAO	HEAVY FUEL OIL.....	13.2	10.3	11.3	12.1	12.9	13.7	14.0	13.0	.....MAZOUT LOURD
HDFFMAO	DIESEL FUEL OIL.....	7.3	5.1	5.5	5.8	6.2	6.6	6.7	6.2	.....DIESEL
HMGMAO	GASOLINE.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	.....ESSENCE
HTSMAO	TOTAL.....	20.4	15.6	17.0	17.9	19.2	20.3	20.7	19.3	.....TOTAL
MTRSTO	TOTAL TRANSPORTATION (INC. OFF-ROAD).....	680.8	711.9	765.4	797.4	843.6	901.4	974.6	1058.0	TOTAL TRANSPORTS (non-routier incl.)

Canada's Emissions Outlook / Perspectives des émissions du Canada: 1997-2020

Ont-13

Energy Demand for the Production of Fossil Fuels (Petajoules)  
Demande d'énergie pour la production des combustibles fossiles (pétajoules)

Ontario

Mnemonic	1990	1995	1997	Projection					
				2000	2005	2010	2015	2020	
<b>FOSSIL FUEL PRODUCERS</b>									<b>PROD. DES COMBUSTIBLES FOSSILES</b>
MRPFFO	0.4	1.4	0.4	0.5	0.5	0.4	0.4	0.4	.....PRODUITS PÉTROLIERS RAFFINÉS
HRPPCO	0.0	0.0	0.0	0.4	0.4	0.3	0.3	0.3	.....BESOINS DES PRODUCTEURS
RRPMMO	0.2	0.3	0.3	0.0	0.0	0.0	0.0	0.0	.....ACHATS DES PRODUCTEURS
HDFPLO	0.2	1.1	0.1	0.1	0.1	0.1	0.1	0.1	.....PIPELINE
MNGFFO	43.9	77.5	82.9	77.7	84.6	92.2	102.4	103.2	.....GAZ NATUREL
HNGPCO	0.0	0.0	0.0	0.3	0.3	0.3	0.2	0.2	.....BESOINS DES PRODUCTEURS
RNGMBO	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	.....ACHATS DES PRODUCTEURS
HNGPLO	43.9	77.5	82.9	77.4	84.3	91.9	102.2	103.0	.....PIPELINE
MELFFO	6.8	2.1	2.3	0.7	0.8	0.9	0.9	1.0	.....ÉLECTRICITÉ
RELMMO	5.9	1.3	1.5	0.0	0.0	0.0	0.0	0.0	.....ACHATS DES PRODUCTEURS
HELPL0	0.9	0.8	0.8	0.7	0.8	0.9	0.9	1.0	.....PIPELINE
MLPFFO	1.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	.....GLP
MCCFFO	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	.....CHARBON
<b>TOTAL FOSSIL FUEL PRODUCTION.....</b>	<b>52.1</b>	<b>81.5</b>	<b>85.6</b>	<b>78.9</b>	<b>85.9</b>	<b>93.5</b>	<b>103.7</b>	<b>104.6</b>	<b>PROD. DES COMBUSTIBLES FOSSILES</b>

**Canada's Emissions Outlook / Perspectives des émissions du Canada: 1997-2020**

**Ont-14**

**Electricity Demand and Supply  
Demande et Offre d'Electricite**

**Ontario**

Mnemonic	1990	1995	1997	Projection					
				2000	2005	2010	2015	2020	
<b>DOMESTIC DEMAND (GWH):</b>									<b>DEMANDE DOMESTIQUE (GWH):</b>
TOTAL DOMESTIC DEMAND.....	143302	144233	145007	152679	164174	173860	186859	200868	.....DEMANDE DOMESTIQUE
RESIDENTIAL.....	47283	44525	43640	45762	46622	47533	50876	54528	.....RESIDENTIEL
COMMERCIAL.....	40712	44244	46821	51877	57509	62605	67752	73050	.....COMMERCIAL
INDUSTRIAL.....	44009	43420	43348	44888	49149	52206	55867	60046	.....INDUSTRIEL
TRANSPORTATION.....	382	347	351	331	331	331	331	331	.....TRANSPORT
PIPELINES.....	245	217	213	196	214	226	258	256	.....PIPELINES
FOSSIL FUEL PRODUCERS.....	1629	356	404	11	11	11	8	8	.....COMBUSTIBLES FOSSILES
OWN USE & LOSSES PLUS ADJ.....	9041	11125	10229	9614	10338	10948	11766	12648	.....AUTOCONSOMMATION
<b>TOTAL GENERATION (GWH):</b>									<b>GENERATION TOTALE (GWH):</b>
HYDRO.....	40561	38809	39963	35800	36820	38560	38560	38560	.....HYDRO
NUCLEAR.....	59353	86216	70209	69830	75610	64640	52530	59940	.....NUCLEAIRE
COAL.....	26432	16136	23870	23410	23580	19500	12220	3310	.....CHARBON
GAS.....	1745	9146	11344	18635	23152	44794	76645	92083	.....GAZ
OIL.....	1245	575	418	0	0	0	0	0	.....PETROLE
WIND.....	0	0	0	0	0	0	0	0	.....EOLIEN
BIOMASS.....	353	275	272	0	0	520	550	630	.....BIOMASS
OTHER.....	82	590	966	0	0	0	0	0	.....AUTRE
INTER-PROV. PURCHASES.....	2362	1656	1723	5000	5000	5000	5000	5000	.....ACHATS - INTER-PROV.
INTER-PROV. SALES.....	119	619	1151	0	0	0	0	0	.....VENTES - INTER-PROV.
NET EXPORTS.....	-11289	8551	2606	0	0	-830	-1330	-1330	.....EXPORTATIONS NETTES
TOTAL AVAILABLE.....	143302	144233	145007	152675	164162	173844	186835	200853	.....TOTAL DISPONIBLE
<b>FUEL REQUIREMENTS (PJ):</b>									<b>CARBURANT REQUIS (PJ):</b>
HYDRO (3.6 MJ).....	144.8	144.4	142.9	128.9	132.6	138.8	138.8	138.8	.....HYDRO (3.6 MJ)
NUCLEAR (11.6 MJ).....	686.4	997.0	811.9	810.0	877.1	749.8	609.3	695.3	.....NUCLEAIRE (11.6 MJ)
COAL.....	286.3	179.8	242.7	248.8	250.6	207.4	130.3	35.8	.....CHARBON
GAS.....	8.4	55.5	86.8	115.4	139.6	266.4	462.0	565.8	.....GAZ
OIL.....	14.3	5.3	5.4	0.0	0.0	0.0	0.0	0.0	.....PETROLE
WIND.....	0	0	0	0.0	0.0	5.6	5.9	6.8	.....EOLIENE
BIOMASS.....	0	0	0	0.0	0.0	0.0	0.0	0.0	.....BIOMASSE
TOTAL.....	1140.2	1382.0	1289.7	1303.1	1399.9	1368.1	1346.4	1442.5	.....TOTALE

# Canada's Emissions Outlook / Perspectives des émissions du Canada: 1997-2020

**Ont-15**

## Summary Results by Fuel and by Sector Sommaire - Demande par combustible et par secteur

**Ontario**

Mnemonic		1990	1995	1997	Projection					
					2000	2005	2010	2015		2020
<b>REFINED PETROLEUM PRODUCTS</b>										
HRPPDO	PRIMARY DEMAND.....	1045.1	1084.1	1159.7	1159.0	1196.3	1275.6	1365.4	1467.6	.....DEMANDE PRIMAIRE
MRPEUO	END-USE DEMAND.....	1029.5	1078.1	1153.6	1158.3	1195.7	1275.0	1364.8	1467.0	.....UTILISATION FINALE
MRPRAO	RESIDENTIAL.....	54.6	40.1	43.4	24.3	18.7	19.8	28.9	36.8	.....RÉSIDENTIEL
MRPCPO	COMMERCIAL.....	17.9	16.7	17.4	15.0	17.2	19.8	20.9	21.6	.....COMMERCIAL
MRPINO	INDUSTRIAL.....	289.2	324.1	341.0	327.8	321.4	338.3	350.7	363.1	.....INDUSTRIEL
MRPTRO	TRANSPORTATION.....	669.2	699.3	756.1	791.3	838.4	897.1	964.3	1045.6	.....TRANSPORT
MRFFFO	FOSSIL FUEL PRODUCERS .....	0.4	1.4	0.4	0.4	0.4	0.4	0.4	0.4	.....PRODUCTION DES COMBUSTIBLES FOSSILES
MRPCLO	ELECTRICITY GENERATION.....	14.3	5.3	5.4	0.0	0.0	0.0	0.0	0.0	.....PRODUCTION D'ÉLECTRICITÉ
<b>NATURAL GAS + LPGs:</b>										
HNLPDO	PRIMARY DEMAND.....	884.0	1078.1	1142.4	1233.0	1299.2	1457.4	1717.6	1879.3	.....DEMANDE PRIMAIRE
HNGPDO	PRIMARY NATURAL GAS ONLY.....	824.6	1000.5	1065.3	1166.5	1225.1	1376.9	1635.3	1795.9	.....GAZ NATUREL
HLPPDO	PRIMARY LPGs ONLY.....	59.0	77.2	76.8	66.5	74.0	80.5	82.3	83.4	.....GLP
MNLEUO	END-USE DEMAND.....	828.4	941.7	948.8	1021.6	1056.8	1080.0	1132.9	1188.7	.....UTILISATION FINALE
MNLRAO	RESIDENTIAL.....	265.8	334.3	348.1	377.2	371.8	361.0	371.1	381.6	.....RÉSIDENTIEL
MNLCPO	COMMERCIAL.....	153.9	185.7	198.1	220.2	229.0	236.5	248.6	263.5	.....COMMERCIAL
MNLILO	INDUSTRIAL.....	397.0	408.5	390.5	419.7	452.5	480.1	510.9	541.3	.....INDUSTRIEL
MNLTRO	TRANSPORTATION.....	11.6	13.2	12.1	4.6	3.5	2.3	2.3	2.3	.....TRANSPORT
MNLFDO	FOSSIL FUEL PRODUCERS .....	44.9	78.0	82.9	77.6	84.6	92.1	102.4	103.2	.....PRODUCTION DES COMBUSTIBLES FOSSILES
MNGCLO	ELECTRICITY GENERATION.....	8.4	55.5	86.8	115.4	139.6	266.4	462.0	565.8	.....PRODUCTION D'ÉLECTRICITÉ
<b>NATURAL GAS:</b>										
HNGPDO	PRIMARY DEMAND.....	824.6	1000.5	1065.3	1166.5	1225.1	1376.9	1635.3	1795.9	.....DEMANDE PRIMAIRE
MNGEUO	END-USE DEMAND.....	770.4	865.0	872.0	955.1	982.8	999.4	1050.6	1105.3	.....UTILISATION FINALE
HNGRAO	RESIDENTIAL.....	260.7	328.2	338.7	371.5	363.3	349.9	362.5	375.7	.....RÉSIDENTIEL
HNGCPO	COMMERCIAL.....	148.9	165.7	185.9	202.1	204.9	207.7	216.1	227.8	.....COMMERCIAL
MNGINO	INDUSTRIAL.....	360.0	367.9	345.9	380.6	413.5	440.8	470.9	500.7	.....INDUSTRIEL
HNGTRO	TRANSPORTATION.....	0.8	3.3	1.5	0.9	1.0	1.1	1.1	1.1	.....TRANSPORT
MNGFFO	FOSSIL FUEL PRODUCERS .....	43.9	77.5	82.9	77.6	84.6	92.1	102.4	103.2	.....PRODUCTION DES COMBUSTIBLES FOSSILES
MNGCLO	ELECTRICITY GENERATION.....	8.4	55.5	86.8	115.4	139.6	266.4	462.0	565.8	.....PRODUCTION D'ÉLECTRICITÉ
<b>LIQUIFIED PETROLEUM GASES:</b>										
HLPPDO	PRIMARY DEMAND.....	59.0	77.2	76.8	66.5	74.0	80.5	82.3	83.4	.....DEMANDE PRIMAIRE
MLPEUO	END-USE DEMAND.....	58.0	76.7	76.8	66.5	74.0	80.5	82.3	83.4	.....UTILISATION FINALE
HLPRAO	RESIDENTIAL.....	5.1	6.1	9.4	5.7	8.5	11.2	8.6	5.8	.....RÉSIDENTIEL
HLPCPO	COMMERCIAL.....	5.0	20.0	12.2	18.2	24.1	28.8	32.5	35.7	.....COMMERCIAL
MLPINO	INDUSTRIAL.....	37.1	40.7	44.6	39.1	39.0	39.3	40.0	40.6	.....INDUSTRIEL
HLPTRO	TRANSPORTATION.....	10.8	10.0	10.6	3.6	2.4	1.2	1.2	1.2	.....TRANSPORT
MLPFFO	FOSSIL FUEL PRODUCERS .....	1.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	.....PRODUCTION DES COMBUSTIBLES FOSSILES