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PRODUCTS OF PETROLEUM AND COAL

General Review

1955



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Metal and Chemical Products Section

NOTICE

The annual reports prepared by the Industry and Merchandising Division of the Bureau of Statistics are divided into 3 volumes, as follows: Volume I — The Primary Industries, including mining, forestry and fisheries; Volume II — Manufacturing; Volume III — Merchandising and Services. The volumes are made up of parts, and the parts in turn are subdivided according to the industries or provinces which they comprise.

Volume II consists of the following parts, the first two of which deal with manufacturing as a whole and the balance with the major manufacturing groups.

I - General Review of the Manufacturing Industries, \$1.50

II - The Manufacturing Industries of Canada, (7 sections, as follows:)

108.34

Section A. Summary for Canada, 25¢

Section B. Atlantic Provinces, 50¢

Section C. Quebec, 25¢

Section D. Ontario, 25¢

Section E. Prairie Provinces, 40¢

Section F. British Columbia, 25¢

Section G. The Manufacturing Industries of Canada, Regional Distribution, 75¢

III - Foods and Beverages

IV - Tobacco and Tobacco Products

V - Rubber Products

VI - Leather Products

VII - Textile Mills

VIII - Knitting Mills

IX - Clothing

X - Wood and Paper Products

XI - Printing Trades

XII - Iron and Steel Products

XIII - Transportation Equipment

XIV - Non-ferrous Metal Products

XV - Electrical Apparatus and Supplies

XVI - Non-metallic Mineral Products

XVII - Products of Petroleum and Coal

XVIII - Chemicals and Allied Products

XIX - Miscellaneous Manufactures

The present report belongs in Part XVII, Products of Petroleum and Coal. It is punched to permit of filing in a ring binder along with others of the group. The reports in this group are:

A - General Review, 25¢

B - The Coke and Gas Industry, 25¢

C - The Petroleum Products Industry, 25¢

 D - The Miscellaneous Products of the Petroleum and Coal Industry, 25¢

PRODUCTS OF PETROLEUM AND COAL

General Review 1955

The Standard Industrial Classification, which has been used by the Dominion Bureau of Statistics in its compilations since 1949 provides for a separate "Products of Petroleum and Coal" group. This major division includes the petroleum products industry, the coke and gas industry and a miscellaneous industry which were classified, in earlier years, to the manufactures of the Non-metallic Mineral Products Group.

The gross value of production from the industries in this group was \$1,160,824,499 in 1955 or 13.6 per cent more than in 1954, see footnote 2. Employment dropped slightly to 17,486 in 1955 from the 17,559 reported in 1954 but payments in salaries and wages increased to \$72.4 millions. Materials for manufacturing cost \$704.4 millions in 1955 and fuel and electricity cost \$39 millions; in the previous year the corresponding amounts were \$625 millions and \$37 millions.

Note 1. In 1952 the gross value of production was replaced by value of factory shipments f.o.b. plant for all of the industries classified to this group except for Petroleum Refining and Coke and Gas. As no information on inventory change is available for 1953, value added figures for this year were obtained by subtracting from the value of factory shipments (Production in the case of Petroleum Refining and Coke and Gas) the cost of materials, fuel and electricity. In 1954 and 1955 information on the value of year-end inventory holdings at plant and plant warehouses was collected as part of the annual Census of Industry and except for Petroleum Refining and Coke and Gas, the information thus made available was taken into account in calculating the value added figures.

TABLE 1. Principal Statistics for the Products of Petroleum and Coal Group, by Industries and by Provinces, 1934 and 1955

		1	934 and 195	3			
Industry and province	Number of plants	Number of employees	Salaries and wages for year	Cost of fuel and electricity at works	Cost of materials at works	Gross selling value of products at works	Value added by manufacture ¹
			\$	\$	\$	\$	\$
By industries:							
1954							
Coke and gas	26	4, 759	16, 296, 781	6,036,155	54, 020, 106	104, 926, 569	44, 870, 308
Petroleum products	61	12,476	52,316,208	31, 215, 380	568. 541. 677	909, 252, 514	309.795,241
Miscellaneous products of petroleum and		THE STATE OF					
coal	17	324	1.068.736	143,687	2, 849, 602	6, 732, 265	3, 706, 760
Total	104	17, 559	69, 681, 725	37, 395, 222	625, 411, 385	1, 020, 911, 348	358, 372, 309
selmen man in the							
1955							
Coke and gas	25	3, 736	13, 181, 383	6, 206, 043	57, 844, 131	103, 891, 182	39, 841, 008
Petroleum products	61	13, 340	57, 892, 387	32, 593, 790	642, 872, 134	1, 048, 834, 455	373, 368, 531
Miscellaneous products of petroleum and							
Coal	20	410	1, 362, 789	192,440	3,668,730	8,098,862	4, 140, 450
Total	106	17, 486	72, 436, 559	38, 992, 273	704, 384, 995	1, 160, 824, 499	417, 349, 989
State of the state					- 41		
Ry provinces:							
by provinces.							
1954							
Newfoundland	-1	1					
Nova Scotia	2	793	3, 154, 746	1, 889, 133	22, 011, 815	34, 170, 005	10, 269, 526
New Brunswick	1	J				4	
Quebec	16	3, 900	15, 280, 994	11, 951, 631	205, 116, 777	331, 237, 246	114,277,668
Ontario	35	8, 075	32, 220, 122	13.407,509	204.459,701	348, 012, 142	130, 257, 423
Manitoba	7	675	2.449.980	1.358,587	24, 049, 389	36, 302, 368	10, 894, 627
Saskatchewan	12	1.146	4, 556, 124	2,677,507	51,729,549	77, 324, 150	22, 903, 091
Alberta	21	1,587	6,386,674	2, 907, 714	60, 579, 313	101, 979, 156	38, 551, 675
British Columbia	8	1,383	5, 633, 085	3, 203, 141	57,464,841	91, 886, 281	31,218,299
Northwest Territories	1	}					
Canada	104	17, 559	69, 681, 725	37, 395, 222	625, 411, 385	1, 020, 911, 348	358, 372, 309
1955							
Newfoundland	- 1	1					
Nova Scotla	2	750	3,402,485	1, 825, 553	25,665,953	39, 362, 059	11.870.553
New Brunswick	1						
Quebec	18	4, 045	15.784.980	12, 875, 222	241, 599, 599	387.331.805	132.863.573
Ontario	36	7, 314	31,001,492	13, 068, 220	224.709.024	376, 579, 184	138, 702, 371
Manitoba	6	783	3.027.634	1.428.626	26, 165, 784	41, 966, 517	14, 371, 721
Saskatchewan	12	1, 235	5. 071. 730	3, 164, 463	51, 999, 935	85, 153, 682	29, 989, 513
Alberta	21	1, 822	7, 359, 750	3, 174, 517	65, 927, 531	116. 232. 764	47,126,611
British Columbia	8	1 505	0 Mnn 400	0 450 000	00 017 15		
Northwest Territorles	1	1,537	6, 788, 488	3, 455, 672	68,317,169	114. 198. 488	42, 425, 647
Canada	100	17 400	to 400 mms	20 000 000	504 004 00	4 400 001	448 200
Control of the contro	106	17, 486	72, 436, 559	38, 992, 273	704, 384, 995	1, 160, 824, 499	417, 349, 989

^{1.} See footnote to text.

TABLE 2. Employees and Their Earnings in the Products of Petroleum and Coal Group, 1954 and 1955

		Num	ber of emplo	oyees	Earnings			
industry and province	Supervisory and office			Production and related workers		Supervisory and	Production and related	Total
	Male	Female	Male	Female		office	workers	
						\$	\$	\$
1954								
By industries:				1				
Coke and gas	950	374	3, 435	_	4,759	4, 981, 731	11, 315, 050	16, 296, 78
Petroleum products	3,485	1, 156	7, 780	55	12,476	20, 557, 336	31, 758, 872	52, 316, 201
Miscellaneous products of petroleum and coal	87	41	187	9	324	445,969	622, 767	1,068,73
							022, 101	1,000,13
Total	4,522	1,571	11, 402	64	17,559	25, 985, 036	43,696,689	69, 681, 72
By provinces:								
Newfoundland	1							
Nova Scotia	108	17	665	3	793	585, 947	2, 568, 799	3, 154, 74
New Brunswick								
Quebec	841	184	2,865	10	3,900	4, 425, 566	10, 855, 428	15, 280, 99
Ontario	2, 342	952	4,744	37	8,075	14, 111, 666	18, 108, 456	32, 220, 12
Manitoba	176	138	361	_	675	1,082,619	1, 367, 361	2, 449, 98
Saskatchewan	289	84	771	2	1, 146	1,561,033	2, 995, 091	4, 556, 12
Alberta	404	112	1,067	4	1,587	2, 262, 728	4, 123, 946	6, 386, 67
British Columbia	1							
k rthwest Territories	362	84	929	8	1,383	1, 955, 477	3, 577, 608	5, 533, 08
Canada	4,522	1,571	11,402	64	17,559	25, 985, 036	43,696,689	69, 681, 72
1955								
By industries:								
Coke and gas	662	228	2,846		2 724	2 500 120	0.610.066	10 101 001
Petroleum products	4,010	1, 261	8,011	E0	3, 736	3, 568, 128	9,613,255	13, 181, 38
Miscellaneous products of petroleum and	4,010	1, 291	0,011	58	13, 340	24,088,434	33, 803, 953	57, 892, 38
coal	110	58	237	5	410	556, 802	805,987	1, 362, 78
Total	4,782	1,547	11,094	63	17,486	28, 213, 364	44,223,195	72, 436, 559
By provinces:								
Newfoundland)							
Nova Scotia	} 105	20	622	3	750	663,960	2,740,525	3, 402, 485
New Brunswick								
Quebec	940	195	2,901	9	4,045	4, 923, 777	10,861,203	15, 784, 980
Ontario	2, 254	872	4, 152	36	7, 314	14, 518. 204	16, 483, 288	31,001,492
Manitoba	218	164	401	-	783	1,381,581	1,646,053	3, 027, 634
Saskatchewan	323	87	823	2	1, 235	1,743,985	3, 327, 745	5, 071, 730
Alberta	534	117	1. 166	- 5	1,822	2, 525, 208	4,834,542	7, 359, 750
Mitish Columbia)							
Sorthwest Territories	408	92	1,029	8	1, 537	2, 458, 649	4, 329, 839	6, 788, 488
	4, 782							

TABLE 3. Production and Related Workers (Wage-earners) in the Products of Petroleum and Coal Group, 1954 and 1955

Industry and province	January	Feb- ruary	March	April	May	June	July	August	Sept- ember	October	Nov- ember	Dec- ember	Averag of year
	-						Number				1		
1954	}		1				1						
y industries:													
Coke and gas	3,524	3, 506	3,411	3,456	3, 395	3,442	3,483	3. 471	3.535	3,388	3,345	3, 299	3, 435
Petroleum products	7,593	7,628	7,612	7, 707	7, 967	8, 090	8, 163	8, 119	7. 882	7.749	7,774	7, 780	7, 835
Miscellaneous products of petroleum and coal	153	163	171	187	218	220	222	232	230	192	181	170	196
Total	11, 270	11, 297	11, 194	11, 350	11,580	11, 752	11, 868	11, 822	11, 647	11, 329	11, 300	11, 249	11.46
w provinces:													
Newfoundland	1												
Nova Scotia	689	672	6 5 9	659	686	689	683	682	668	668	640	623	668
New Brunswick													
Queb ec	2,884	2, 866	2, 842	2, 864	2, 944	2,959	2, 955	2, 916	2, 882	2.805	2,776	2, 801	2,875
Ontario	4,794	4,800	4,728	4,802	4, 817	4, 875	4, 919	4, 895	4, 855	4, 630	4,645	4, 634	4,781
Manitoba	341	337	343	347	357	367	383	381	367	372	370	364	361
Saskatchewan	708	718	706	743	790	826	862	857	83 1	810	782	663	773
Alberta	997	1,012	1.024	1.041	1.066	1, 087	1.110	1, 119	1,093	1,097	1,095	1, 118	1,07
British Columbia	1												
Northwest Territories	857	892	892	894	920	949	956	972	951	947	992	1, 046	531
Canada	11, 270	11,297	11, 194	11.350	11, 580	11, 752	11, 868	11, 822	11, 647	11, 329	11, 300	11,249	11,46
1955													
y industries;													
Coke and gas	2.635	2,666	2.752	2.779	2,842	2,971	2.918	2,907	2,879	2, 925	2, 899	2, 986	2, 847
Petroleum products	7, 748	7, 825	7.837	7, 915	8,079	8, 203	8.228	8, 273	8. 211	8, 167	8, 147	8, 201	8, 069
Miscellaneous products of													
petroleum and coal	191	196	191	215	267	302	295	291	274	250	215	212	242
Total	10,574	10, 687	10, 780	10,909	11, 188	11. 476	11,441	11, 471	11, 364	11, 342	11, 261	11, 399	11, 158
y provinces:													
Newfoundland	1												
Nova Scotia	600	599	594	608	642	654	643	643	637	629	619	622	624
New Brunswick													
Quebec	2,830	2,813	2, 853	2,830	2.897	3.051	2,901	2, 952	2,966	2, 989	2, 921	2, 945	2, 912
Ontario	4.041	4,091	4, 103	4.156	4, 218	4,240	4, 325	4, 268	4, 209	4, 202	4, 167	4.222	4, 187
Manitoba	359	362	361	361	394	410	422	428	424	421	425	438	400
Saskatchewan	746	786	784	820	849	856	859	854	863	826	827	827	82
Albe rta	1,068	1,080	1.097	1,136	1,163	1, 197	1.196	1.222	1, 197	1, 218	1.222	1, 239	1, 170
Pritish Columbia)												
Northwest Territories	930	956	988	998	1, 025	1, 068	1.095	1, 104	1.068	1.057	1.080	1, 106	1.040
Canada	10, 574	10, 687	10,780	10, 909	11, 188	11, 476	11, 441	11.471	11, 364	11.342	11, 261	11, 399	11. 152

TABLE 4. Inventories 1, in the Products of Petroleum and Coal Group, 1955

	Raw materials and supplies	Goods in process	Finished goods of own manufacture	Total	
	\$	\$	\$	\$	
(a) By sub-groups					
Opening:					
Petroleum refining	30, 243, 798	17, 071, 567	81, 299, 011	128,614,376	
Lubricating oils and greases	1, 541, 297	82, 976	711,737	2, 336, 010	
Absorption gasoline	9,561		188,740	198, 301	
Coke and gas	17, 935, 504	334, 240	3, 054, 412	21,024,156	
Miscellaneous products of petroleum and coal	256,796	5, 277	544, 347	806.420	
Total	49, 686, 956	17, 494, 060	85, 798, 247	152, 979, 263	
Potroloum refining	22 522 070	17 250 252	01 457 054	142, 340, 476	
Petroleum refining	33, 523, 970	17, 359, 252	91, 457, 254		
Lubricating oils and greases	1, 598, 452	277, 445	531, 997	2,407,89	
Absorption gasoline	9, 561	- CO 700	98, 590	,	
Coke and gas Miscellaneous products of petroleum and coal	18, 899, 534 307, 764	69, 709 4, 573	2, 354, 200 447, 105	21, 323, 44 759, 44	
Total	54, 339, 281	17, 710, 979	94, 889, 146	166, 939, 40	
Opening: Newfoundland	1 (10) 70	200 025	0.484.004		
Nova Scotia	1,618,170	323, 875	3, 674, 824	5, 616, 869	
Quebec	12, 697, 962	4, 417, 829	25, 877, 292	42,993,08	
Ontario	27, 523, 248	10, 023, 605	25, 670, 948	63, 217, 80	
Manitoba	936, 258	90, 868	4, 460, 439	5, 487, 56	
Saskatchewan	930, 207	748, 338	9,641,757	11, 320, 30	
Alberta	1, 297, 699	1, 234, 330	9, 100, 431	11, 632, 46	
British Columbia	1	075 045			
Northwest Territories	4,683,412	655, 215	7, 372, 556	12, 711, 18	
Total	49, 686, 956	17, 494, 060	85, 798, 247	152,979,26	
Closing:					
Newfoundland	1 000 010	001 001	0.000.00		
Nova Scotia	1, 208, 512	691, 286	3, 859, 924	5, 759, 72	
New Brunswick	10 000 000	4 100 000	22 212 222	44 -27 42	
Quebec	12, 626, 667	4, 190, 363	32, 210, 099	49, 027, 12	
Ontario	32, 644, 624	9, 426, 013	25, 483, 622	67, 554, 25	
Manitoba	898, 226	192, 929	5, 329, 033	6, 420, 18	
Saskatchewan	1,492,352	806, 364	8, 867, 741	11, 166, 45	
Alberta	1, 634, 235	1, 420, 988	9, 882, 969	12,938,19	
Northwest Territories	3, 834, 665	983,036	9, 255, 758	14,073,45	
Total	54,339,281	17, 710, 979	94, 889, 146	166, 939, 406	

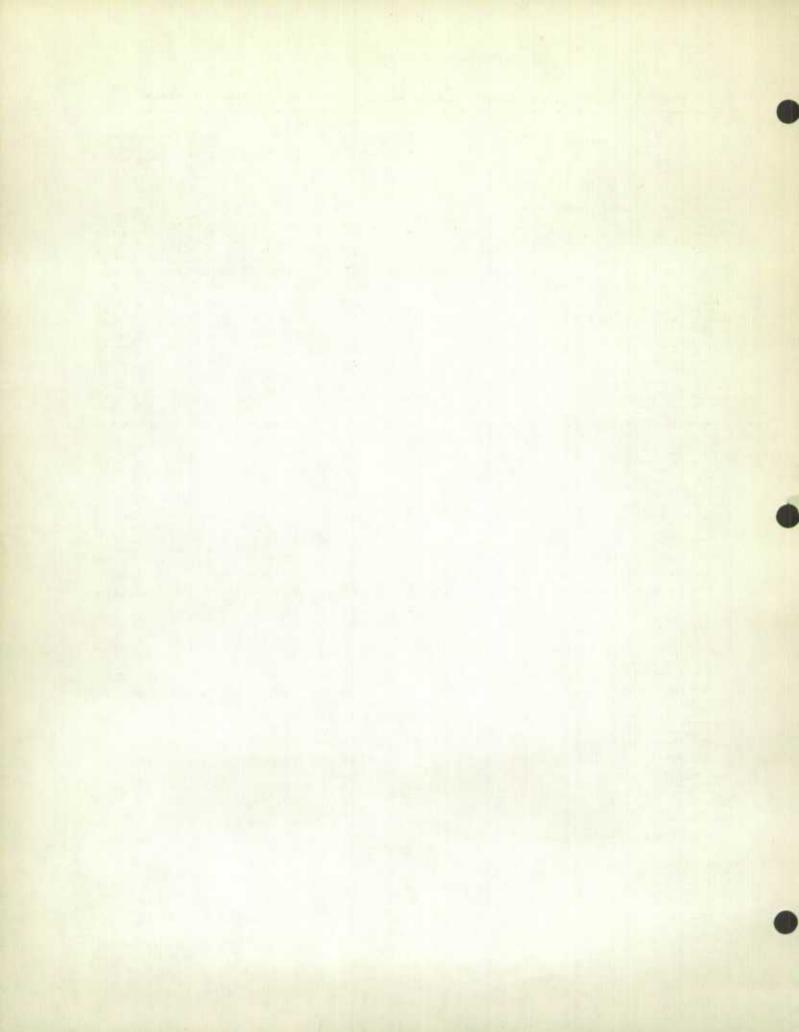
^{1. (}a) Book value of all manufacturing inventories owned and held at plant and plant warehouses.
(b) Beginning with 1954, information on the value of year-end inventory holdings at plant and plant warehouses is being collected as part of the annual Census of Industry. These data were formerly collected by a separate survey. The summarized results for the Products of Petroleum and Ceal Group for the year under review are shown in the above table.
(c) The opening inventory for the current year may not necessarily agree with the closing inventory published the previous year because of the composition of the industry such as; the addition of new establishments, the disappearance of old ones, or the transfer of establishments to other industries for statistical purposes. The figure for value added by manufacture for the previous year does not need to be altered because of such changes in the composition of the industry.

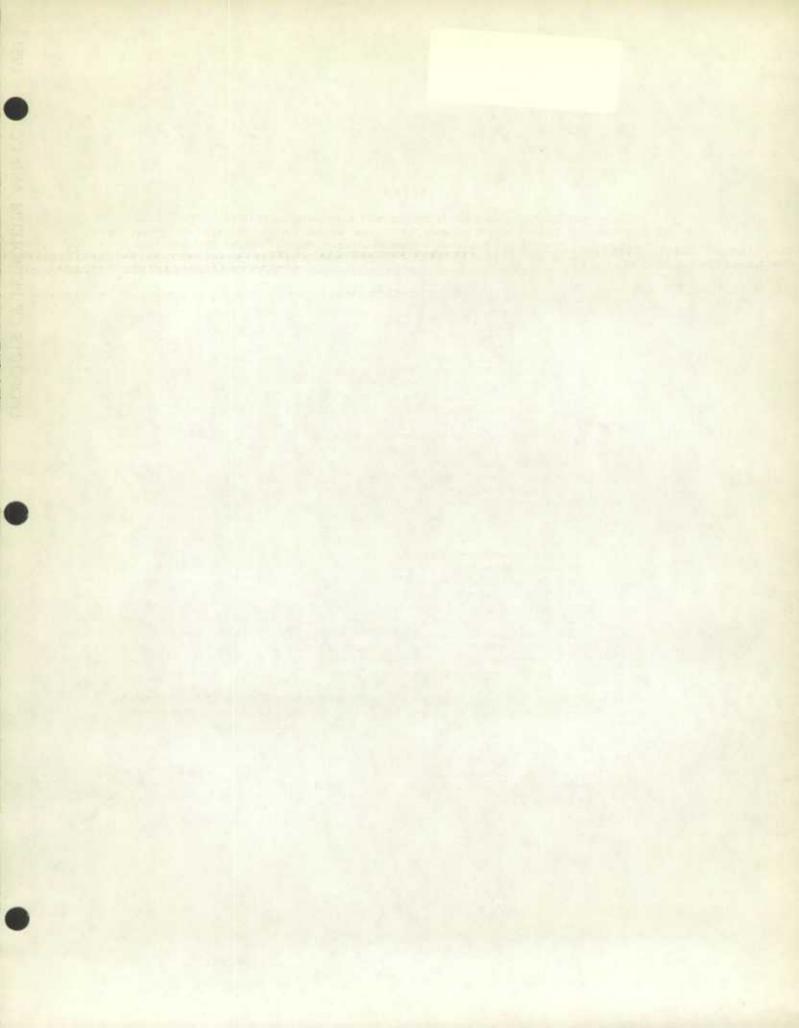
TABLE 5. Materials Used in the industries in the Products of Petroleum and Coal Group, 1954 and 1955

Waterial	Unit	19	54	19	1955	
WINNER AND	measure	Quantity	Cost at works	Quantity	Cost at works	
			\$		\$	
Petroleum products industry:						
Crude oil (under 60° A.P.I.) in its natural state, from Canadian wells	imp. gal.	3, 244, 511, 863	288, 103, 577	3. 771. 206. 395	320, 227, 172	
Absorption gasoline, etc., from Canadian wells (run to stills)	14	18,800,550	1, 727, 579	20, 565, 024	1,813,072	
Crude oil, in its natural state, imported, (run to stills): From United States	imp. gal.	302, 142, 090	20 207 277	021 400 045	00 144 450	
From South America	Dup. Ear.	2,057, 208, 286	29, 327, 377 180, 000, 181	231. 469. 245 2. 367. 268. 893	23, 144, 479 208, 009, 932	
From other countries	44	345, 864, 205	30, 219, 564	431, 826, 500	36, 271, 833	
blending stocks for gasoline:		17, 687, 355	1,841.632	4,631,643	403, 636	
Alkylate	41	6, 033, 499	1, 581, 095	9, 181, 660	2, 777, 707	
Other	41	923, 298 6, 561, 489	448, 404 1, 124, 137	1, 983, 196	869.573	
Phenol	pound	598, 709		200 100		
Sulphuric acid, 100%	pound	10, 885, 073	114, 958	376, 182	72, 200	
Sulphur	4.4	571.744	207, 808	13, 109, 049 508, 863	245.666	
Caustic soda	0.6	16, 669, 107	604, 851	17, 726, 941	20, 836 664, 635	
Soda ash	**	1, 662, 287	57, 393	1, 620, 535	52, 539	
Litharge	4 .	534, 303	91, 753	450. 884	81, 810	
Fuller's earth, bentonite and other clays	ton	6, 981	500, 476	6,995	573, 118	
Compounding materials:		3,334	2001 110	04880	313, 110	
Used in refineries		-	3,953	_	123, 630	
Used in compounding plants	imp. gal.	13, 917, 526	4, 324, 018	18. 161, 279	5, 787, 738	
Tetraethyl fluid	c.c.	6, 772, 322, 745	11,680,610	7, 298, 248, 856	12, 977, 103	
Dyes for gasoline	_		81,068	_	95, 632	
Natural gas, wet	M. cu. ft.		344, 814	_	493, 202	
Other materials	M. Cu. II.	46, 359, 870	1,950,296	60,711,023	2, 485, 908	
Shipping containers	_	_	14, 180, 084	_	20, 130, 508	
Total petroleum products industry	_	-	1		5, 550, 135	
Coke and gas industry:			568, 541, 677		642, 872, 134	
Bituminous coal carbonized in ovens or retorts:						
(a) Canadian	ton	881, 443	7, 981, 347	984, 856	9, 199, 021	
(b) Imported	44	3, 722, 832	37, 983, 392	4, 401, 177	42, 700, 385	
Bituminous coal for making water gas: (a) Canadian						
(b) Imported	ton	3, 941	46, 511	2, 171	24, 810	
Coke for gas-making:						
(a) Purchased	ton	9, 887 126, 943	193.824 1,552.882	6, 927 81, 988	137, 150	
	. ,				1, 083, 909	
Oil used for enriching water gas	imp. gal.	20, 136, 871	2, 255, 770	13, 087, 683	1, 105, 614	
Caustic soda		331,005	79, 260	422.024	87, 571	
Lime	pound	2,044,082	59, 395	2, 105, 719	64, 424	
Water	ton	420	5, 848	443	5, 805	
Iron oxide	ton	0.105	60, 201	_	75, 983	
Sulphuric acid, 100%	ton pound	9, 167	100, 240	6,835	70, 675	
Propane and butane	imp. gal.	62, 074, 911	905, 427	75, 717, 468	1,057,488	
All other materials	imp. gar.	13, 246, 164	1, 738, 150	11, 223, 663	1, 335, 896	
			1,056,859		895, 400	
Total sales and one deductor	-	_	54,020,106	-	57 , 844, 131	
Total coke and gas industry						
Miscellaneous products of petroleum and coal industry:						
Miscellaneous products of petroleum and coal industry:	ton	44, 232	1,210,918	46, 123	1, 332, 273	
Miscellaneous products of petroleum and coal industry: Asphalt Coal, lignite	ton	44, 232 76, 756	1, 210, 918 175, 494	46, 1 23 85, 915	1, 332, 273 177, 736	
Miscellaneous products of petroleum and coal industry: Asphalt Coal, lignite Oil						
Asphalt	imp. gal.	76. 756	175, 494	85. 915	177, 736	
Asphalt	imp. gal.	76. 756	175, 494 17, 287	85. 915 20, 182	177, 736 16, 384	
Asphalt Coal, lignite Oil Pitch Resin Emulsifying agents	imp. gal.	76. 756 21. 277	175, 494 17, 287	85. 915 20, 182 1, 124, 000	177, 736 16, 384 18, 599	
Miscellaneous products of petroleum and coal industry: Asphalt Coal, lignite Oil Pitch Resin Emulsifying agents All other materials	imp. gal.	76. 756 21. 277	175, 494 17, 287 — 383, 706	85. 915 20, 182 1, 124, 000	177, 736 16, 384 18, 599 502, 869	
Miscellaneous products of petroleum and coal industry: Asphalt Coal, lignite Oil Pitch Resin Emulsifying agents	imp. gal.	76. 756 21. 277 — 1, 583. 981 —	175, 494 17, 287 - 383, 706 589	85. 915 20, 182 1, 124, 000	177, 736 16, 384 18, 599 502, 869 619	
Miscellaneous products of petroleum and coal industry: Asphalt Coal, lignite Oil Pitch Itesin Emulsifying agents All other materials	imp. gal.	76. 756 21. 277 — 1, 583. 981 —	175, 494 17, 287 - 383, 706 589 917, 778	85. 915 20, 182 1, 124, 000	177, 736 16, 384 18, 599 502, 869 619 1, 429, 530	

TABLE 6. Products Made in the Industries in the Products of Petroleum and Coal Group, 1954 and 1955

	Unit	19	54	1955		
Product	of measure	Quantity	Gross selling value at works	Quantity	Gross selling value at works	
			5		\$	
dade for sale:						
Gasoline (excluding imported casinghead blended): Aviation gasoline	imp. gal.	17, 282, 637	5,534,652	25,749,564	9,991,23	
Motor gasoline Natural gasoline	44	2, 397, 598, 690 22, 623, 229	439, 105, 903 1, 976, 452	2, 682, 476, 703 29, 848, 052	491, 185, 65 2, 423, 55	
Naptha specialties Tractor fuel	"	28, 684, 651 5, 607, 515	6, 186, 053 831, 150	30,817,670 5,724,067	7,094,57 891,95	
Aviation turbine fuel		57, 285, 089	9, 227, 486	92,081,305	14, 439, 36	
Kerosene	14	14, 995, 947 328, 441, 602	2, 594, 689 56, 077 , 925	391, 524,006	63, 599, 89	
Diesel fuel		430, 170, 300	59, 887, 171	538, 917, 020	77, 176, 75	
Furnace fuel oil	4.6	780, 279, 245 56, 025, 389	117, 363, 123 7, 176, 870	947, 979, 319 58, 584, 447	140, 129, 09 7, 954, 54	
Other light fuel oil	44	1,057,140,028	79, 205, 792	1, 191, 240, 041	92, 208, 84	
Made in refineries	44	55, 339, 501	36, 786, 398	53,922,043	34, 383, 32	
Made in blending plants		13, 176, 100	10,910,496	12, 374, 247	10,919,65	
Made in refineries Made in blending plants		29, 596, 871 11, 733, 358	2, 598, 317 1, 432, 243	27, 272, 851 12, 148, 089	2, 463, 63 1, 518, 64	
Asphalt Petroleum coke	imp. gal.	204, 189, 368	24, 024, 447 1, 480, 213	252,064,449 154,012	29, 152, 31 1, 457, 91	
Liquefied petroleum gases	imp. gal.	47, 491, 516	5,717,258 13,346,536	64, 769, 149	6,933,38 24,962,93	
Total made for sale		_	881, 463, 174	_	1, 018, 887, 28	
tade for own use: Gasoline	imp. gal.	1, 149, 814	251, 584	1, 115, 877	226, 47	
Naptha specialties Kernsene		108, 049 7, 237	22, 718 1, 195	129, 477	28, 42	
Stove oil (No. I fuel oil)	64	54, 702	8,037	24,659	4, 36	
Diesel fuel Light fuel oils (Nos. 2 and 3)	£ e	231, 966 819, 953	35, 807 99, 893	256, 026 3, 956, 357	38, 39 268, 82	
Heavy fuel oils (Nos. 4, 5 and 6)	4.4	203, 285, 259	15, 528, 699 38, 961	205, 372, 545	15, 747, 36 40, 02	
Asphalt Petrojeum coke		400, 814 80, 378	48, 103 659, 009	1, 183, 388 115, 887	133, 23- 916, 17	
Still gas	M cu. ft.	19, 80 3, 708	9, 732, 121 1, 363, 213	21, 868, 572	10, 547, 84	
Total made for own use			27, 789, 340		29, 947, 173	
Total — Petroleum products industry		_	909, 252, 514	_	1, 048, 834, 455	
7-1						
Coke and gas industry: Gas soid or used:	26 . 84	00 450 000				
Gas sold Gas used in own coke or gas plants	4.4	26, 459, 368 10, 072, 878	32, 920, 031 2, 447, 068	18, 984, 203 13, 206, 671	19,846,419 3,284,619	
Gas used in associated works Gas otherwise accounted for but not sold	44	29,776, 266 662, 469	6, 048, 403 279, 929	38, 127, 145 746, 489	8, 422, 25 279, 80	
Gas not accounted for		2, 763, 599	545, 253	3,053,004	520,82	
Total gas sold or used	.,	69, 734, 580	42, 240, 694	74, 117, 512	32, 353, 91	
Coke made: Coke from by-product or bee-hive ovens	ton	3,023,555	46,871,860	3,715,974	55, 572, 814	
Coke from gas retorts	1.0	158, 277 208, 527	2, 151, 760 1, 378, 639	67, 137 221, 430	1, 108, 71:	
Coke breeze from gas retorts	15	23, 859	135, 629	83	450	
Total coke	4.4	3,424,218	50, 537, 888	4,004,623	58, 241, 355	
Other products:		40, 958, 480	5, 069, 465	43, 133, 514	5, 523, 953	
Ammonium sulphate	pound imp. gal.	70,969,401 6,566,284	1, 502, 757 3, 014, 118	83, 248, 672 8, 317, 427	1, 630, 763 3, 431, 004	
Toluol, xylol and naphthalene All other products		2, 160, 404	857, 111 1, 704, 546	2, 573, 545	1,727,38	
Total - Coke and gas industry		_	104, 926, 569	-	103, 891, 08	
Headlenand products of the house of the hous						
Iscellaneous products of petroleum and coal industry: Asphalt road emulsions		11, 693, 214	2, 183, 659	15, 850, 927	2,981,245	
Protective coatings Paving materials	ton	950, 459 80, 553	612, 300 599, 315	1, 156, 525 100, 315	688, 040 682, 899	
		_	3, 336, 991	-	3,746,678	
All other products			0,000,000		3, 140, 016	
Total miscellaneous industry		_	6, 732, 265		8, 098, 862	





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