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TRANSPORTATION EQUIPMENT

1955

GENERAL REVIEW

Published by Authority of
The Honourable Gordon Churchill, Minister of Trade and Commerce

DOMINION BUREAU OF STATISTICS
Industry and Merchandising Division
Metal and Chemical Products Section

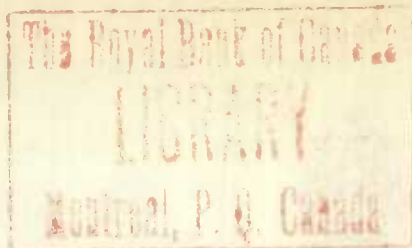
6512-547-125

Price 25 cents

Vol. 2—Part XIII—A-1

EDMOND CLOUTIER, C.M.G., O.A., D.S.P., Queen's Printer and Controller of Stationery, Ottawa, 1958

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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:)
 - 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 XIII, Transportation Equipment. 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 Aircraft and Parts Industry, 25¢
- C — The Bicycle Manufacturing Industry, 25¢
- D — The Boat Building Industry, 25¢
- E — The Motor Vehicles Industry, 25¢
- F — The Motor Vehicle Parts Industry, 25¢
- G — The Railway Rolling Stock Industry, 25¢
- H — The Shipbuilding Industry, 25¢
- I — The Miscellaneous Transportation Equipment Industry, 25¢

(March 7, 1958)

TRANSPORTATION EQUIPMENT

1955

GENERAL REVIEW

The new Standard Industrial Classification, which has been used by the Dominion Bureau of Statistics in its compilations since 1949, provides for a separate Transportation Equipment group. This major division includes such industries as aircraft, shipbuilding, motor vehicles, etc., which were formerly classified in the Iron and Steel and Their Products group. It also includes the boat building and miscellaneous transportation industries, which were formerly in the Wood-using group.

A final analysis of the 1955 reports from the manufacturers of transportation equipment in Canada indicates a gross production valued at \$1,950 millions at factory prices. This output value was 14 per cent above the corresponding figure for 1954.

The values by industries for 1955 were as follows, in millions of dollars — aircraft, \$354.3; bicycles, \$5.9; boat building, \$10.3; motor vehicles, \$907.4; motor vehicle parts, \$285.1; railway rolling stock and parts, \$245.7; shipbuilding, \$133.8 and miscellaneous transportation equipment, \$7.9. The aircraft, boat building, motor vehicles, motor vehicle parts and the miscellaneous transportation industries showed increases in output values. All the others showed declines from the 1954 totals.

The distribution of this production by provinces was as follows, in millions of dollars — Ontario, \$1,513.7; Quebec, \$281.3; Manitoba, \$41.6; British Columbia, \$43.7; Nova Scotia, \$34.2; Alberta, \$19.4; New Brunswick, \$16.2 and for Saskatchewan, Prince Edward Island and Newfoundland a total of \$0.3.

In 1955 a total of 594 factories operated in this group. These works employed a total of 131,789 people who were paid \$490.4 millions for salaries and wages. Materials used in manufacturing processes cost \$1,117.8 millions and fuel and electricity cost \$19.1 millions.

Note: Figures for value added by manufacture prior to 1952 were obtained by subtracting the cost of materials used, including fuel and electricity, from the value of production. In 1952 the gross value of production was replaced by value of factory shipments, f.o.b. plant, for a number of industries of this group, including bicycles, boat building, motor vehicles, motor vehicle parts and miscellaneous transportation equipment. For these industries in 1953 no information on inventory change is available and the value added figures for this year were obtained by subtracting from the value of shipments 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 information thus made available was taken into account in calculating the value added figures.

The figures for value added for the remainder of the industries in this group — aircraft, railway rolling stock and parts and shipbuilding — are obtained, as before, by subtracting the cost of materials used, including fuel and electricity, from the value of production.

TABLE 1. Principal Statistics for the Transportation Equipment Group, by Industries, 1954 and 1955

Industry	Number of plants	Number of employees	Salaries and wages for year	Cost of fuel and electricity at works	Cost of materials at works	Value added by manufacture ¹	Gross selling value of products at works
			\$	\$	\$	\$	\$
1954							
Aircraft	47	35,095	135,863,490	2,735,388	158,893,485	181,381,957	343,010,830
Bicycles	6	1,053	3,418,139	136,287	2,117,083	6,429,952	8,718,202
Boat building	200	1,572	3,923,909	143,392	3,758,724	5,673,146	9,292,424
Motor vehicles	20	27,949	106,062,439	4,322,736	477,309,375	176,473,282	666,286,542
Motor vehicle parts	180	18,363	65,540,443	3,810,974	122,691,526	112,253,910	239,108,407
Railway rolling stock and parts	36	29,214	96,862,444	4,442,645	162,219,587	116,736,335	283,398,567
Shipbuilding	76	19,356	65,256,543	1,774,253	56,259,981	98,572,656	156,606,890
Miscellaneous	37	830	2,152,343	89,807	3,471,520	4,079,487	7,541,123
Total transportation equipment	602	133,432	479,079,750	17,455,482	986,721,281	701,600,725	1,713,962,985
1955							
Aircraft	52	33,036	130,269,009	4,683,562	140,831,164	208,800,111	354,314,837
Bicycles	6	640	2,141,014	107,543	1,529,113	4,146,004	5,875,752
Boat building	204	1,666	4,177,319	153,735	4,397,785	5,544,205	10,267,548
Motor vehicles	15	33,429	134,661,758	4,499,463	631,181,084	269,601,907	907,410,923
Motor vehicle parts	188	19,996	74,581,239	3,981,718	149,004,157	130,778,716	285,070,612
Railway rolling stock and parts	32	25,400	86,257,623	3,940,088	139,475,062	102,324,180	245,739,330
Shipbuilding	70	16,829	56,167,658	1,621,654	47,335,389	84,879,899	133,836,942
Miscellaneous	27	793	2,179,376	88,513	4,015,082	3,672,985	7,894,091
Total transportation equipment	594	131,789	490,434,996	19,076,276	1,117,768,836	809,748,007	1,950,410,035

Note: Profits or losses cannot be calculated from the above figures as data are not available for general expense items, such as interest, rent, depreciation, taxes, insurance, advertising, etc.

1. See footnote to Text.

TABLE 2. Principal Statistics for the Transportation Equipment Group, by Provinces, 1954 and 1955

Province	Number of plants	Number of employees	Salaries and wages for year	Cost of fuel and electricity at works	Cost of materials at works	Value added by manufacture ¹	Gross selling value of products at works
			\$	\$	\$	\$	\$
1954							
Newfoundland	6	69	145,882	8,500	109,590	152,312	269,747
Prince Edward Island	2						
Nova Scotia	61	4,994	14,984,218	634,804	19,198,247	20,601,417	40,346,554
New Brunswick	11	2,607	7,786,619	322,865	7,589,509	11,393,826	19,306,200
Quebec	115	35,452	123,388,613	4,017,470	153,546,050	152,196,061	309,853,336
Ontario	245	76,646	287,159,795	11,137,705	764,473,548	455,910,714	1,239,635,286
Manitoba	26	6,530	19,646,756	611,872	18,722,225	23,684,250	43,104,899
Saskatchewan	8	23	55,113	3,832	59,445	85,323	152,375
Alberta	21	2,814	9,333,136	266,421	9,427,111	10,079,862	19,809,601
British Columbia	107	4,297	16,579,618	452,013	13,595,556	27,496,960	41,484,987
Canada	602	133,432	479,079,750	17,455,482	986,721,281	701,600,725	1,713,962,985
1955							
Newfoundland	4	47	115,356	9,211	106,674	139,342	255,612
Prince Edward Island	1						
Nova Scotia	59	4,683	14,311,177	560,919	14,979,681	18,644,372	34,233,709
New Brunswick	10	2,473	7,028,876	340,373	6,928,950	8,904,393	16,173,716
Quebec	118	31,197	110,463,879	3,777,337	121,672,511	155,564,474	281,343,672
Ontario	240	79,789	312,110,672	13,047,231	932,192,669	565,078,192	1,513,678,038
Manitoba	28	6,184	19,746,690	847,590	18,551,193	22,390,454	41,551,534
Saskatchewan	7	16	36,974	3,310	28,134	58,801	90,309
Alberta	23	2,831	9,251,106	274,881	9,082,564	10,036,263	19,389,748
British Columbia	104	4,569	17,370,266	415,424	14,226,460	28,931,716	43,693,697
Canada	594	131,789	490,434,996	19,076,276	1,117,768,836	809,748,007	1,950,410,035

1. See footnote to Table 1.

TABLE 3. Inventories¹ in the Transportation Group, by Industries, 1955

	Raw materials and supplies	Goods in process	Finished goods of own manufacture	Total
	\$	\$	\$	\$
Opening:				
Aircraft	36,343,079	11,655,528	1,460,524	49,459,131
Bicycles	426,088	719,176	550,334	1,695,598
Boat building	1,093,500	572,655	582,422	2,348,577
Motor vehicles	8,202,965	42,561,781	16,942,950	67,707,707
Motor vehicle parts	21,205,905	8,894,381	8,201,415	38,301,701
Railway rolling stock	34,237,143	10,790,375	2,332,137	47,359,655
Shipbuilding	10,252,889	7,399,154	191,091	17,853,134
Miscellaneous	718,628	435,431	253,910	1,407,969
Total transportation equipment	112,490,198	83,028,481	30,614,793	226,133,472
Closing:				
Aircraft	34,470,436	8,929,381	2,115,486	45,515,303
Bicycles	518,928	617,720	457,242	1,593,890
Boat building	1,138,618	677,619	510,599	2,326,836
Motor vehicles	10,884,014	57,051,734	14,814,491	82,750,239
Motor vehicle parts	28,521,804	14,049,851	6,895,394	49,567,049
Railway rolling stock	31,348,557	13,964,371	2,199,881	47,512,809
Shipbuilding	10,516,057	10,049,739	84,285	20,650,081
Miscellaneous	857,259	444,020	136,399	1,437,678
Total transportation equipment	118,355,673	105,784,435	27,213,777	251,353,885

TABLE 4. Inventories¹ in the Transportation Group, by Provinces, 1955

	Raw materials and supplies	Goods in process	Finished goods of own manufacture	Total
	\$	\$	\$	\$
Opening:				
Newfoundland and Prince Edward Island	32,100	19,134	21,935	73,169
Nova Scotia	2,080,127	1,093,873	325,719	3,499,724
New Brunswick	610,022	215,203	—	825,225
Quebec	24,368,613	12,333,173	1,793,570	38,495,356
Ontario	70,334,867	66,868,234	27,616,581	164,819,682
Manitoba	8,105,955	1,115,907	382,287	9,604,149
Saskatchewan	32,435	—	15,856	48,291
Alberta	3,396,918	65,103	158,938	3,620,959
British Columbia	3,529,161	1,317,849	299,907	5,146,917
Canada	112,490,198	83,028,481	30,614,793	226,133,472
Closing:				
Newfoundland and Prince Edward Island	8,638	2,933	1,550	13,121
Nova Scotia	1,983,527	4,317,964	176,541	6,478,032
New Brunswick	509,950	128,170	—	638,120
Quebec	23,325,734	13,325,740	1,820,862	38,472,336
Ontario	78,875,531	84,008,442	24,386,128	187,270,101
Manitoba	7,049,434	1,023,667	478,858	8,551,969
Saskatchewan	31,712	—	15,792	47,504
Alberta	3,091,298	83,154	162,898	3,337,350
British Columbia	3,479,849	2,894,365	171,138	6,545,352
Canada	118,355,673	105,784,435	27,213,777	251,353,885

1. Book value of all manufacturing inventories owned and held at plant and plant warehouses.

Note: 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 Transportation Equipment group for the year under review are shown in Tables 3 and 4.

The opening inventory for the current year may not necessarily agree with the closing inventory published the previous year because of changes in the composition of the group 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 group.

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TABLE 5. Employees and Earnings in the Transportation Equipment Group, by Industries, 1954 and 1955

Industry	Number of employees				Total	Earnings		
	Supervisory and office		Production and related workers			Super- visory and office	Production and related workers	Total
	Male	Female	Male	Female				
1954						(000's of \$)		
Aircraft	8,080	2,696	23,560	759	35,095	46,068	89,795	135,863
Bicycles	161	81	733	78	1,053	890	2,528	3,418
Boat building	299	51	1,200	22	1,572	890	3,034	3,924
Motor vehicles	4,991	1,440	21,186	332	27,949	31,004	75,058	106,062
Motor vehicle parts	2,717	973	12,716	1,957	18,363	16,437	49,103	65,540
Railway rolling stock	2,241	323	26,537	113	29,214	11,502	85,360	96,862
Shipbuilding	1,987	547	16,710	112	19,356	10,066	55,192	65,258
Miscellaneous	99	38	544	149	830	493	1,660	2,153
Total transportation equipment	20,575	6,149	103,186	3,522	133,432	117,350	361,730	479,080
1955								
Aircraft	9,092	2,622	20,746	576	33,036	52,199	78,070	130,269
Bicycles	113	49	418	60	640	673	1,468	2,141
Boat building	303	58	1,285	20	1,666	946	3,231	4,177
Motor vehicles	5,736	1,557	25,790	346	33,429	36,297	98,365	134,662
Motor vehicle parts	2,966	995	13,662	2,373	19,996	18,662	55,919	74,581
Railway rolling stock	2,474	337	22,554	35	25,400	12,412	73,846	86,258
Shipbuilding	1,966	511	14,248	104	16,829	9,869	46,299	56,168
Miscellaneous	87	35	540	131	793	530	1,649	2,179
Total transportation equipment	22,737	6,164	99,243	3,645	131,789	131,588	358,847	490,435

TABLE 6. Employees and Earnings in the Transportation Equipment Group, by Provinces, 1954 and 1955

Province	Number of employees					Earnings		
	Supervisory and office		Production and related workers		Total	Super- visory and office	Production and related workers	Total
	Male	Female	Male	Female				
	(000's of \$)							
1954								
Newfoundland	15	3	51	—	69	43	103	146
Prince Edward Island								
Nova Scotia	395	157	4,385	57	4,994	1,818	13,166	14,984
New Brunswick	238	37	2,330	2	2,607	956	6,830	7,786
Quebec	4,767	1,176	29,052	457	35,452	25,515	97,874	123,389
Ontario	13,879	4,437	55,415	2,915	76,646	82,594	204,566	287,160
Manitoba	482	127	5,870	51	6,530	2,217	17,430	19,647
Saskatchewan	12	—	11	—	23	28	27	55
Alberta	229	69	2,490	26	2,814	1,349	7,984	9,333
British Columbia	558	143	3,582	14	4,297	2,830	13,750	16,580
Canada	20,575	6,149	103,186	3,522	133,432	117,350	361,730	479,080
1955								
Newfoundland	11	3	33	—	47	31	84	115
Prince Edward Island								
Nova Scotia	353	149	4,128	53	4,683	1,742	12,569	14,311
New Brunswick	243	35	2,193	2	2,473	913	6,116	7,029
Quebec	5,299	1,183	24,354	361	31,197	28,498	81,966	110,464
Ontario	15,458	4,430	56,767	3,134	79,789	93,400	218,711	312,111
Manitoba	552	142	5,436	54	6,184	2,671	17,076	19,747
Saskatchewan	9	—	7	—	16	18	19	37
Alberta	264	85	2,448	34	2,831	1,382	7,869	9,261
British Columbia	548	137	3,877	7	4,569	2,933	14,437	17,370
Canada	22,737	6,164	99,243	3,645	131,789	131,588	358,847	490,435

TABLE 7. Wage-earners Employed in the Transportation Equipment Group, by Months and by Industries, 1954 and 1955

Month	Air-craft	Bicy-cles	Boat building	Motor vehicles	Motor vehicle parts	Railway rolling stock	Ship-building	Miscellaneous	Total transportation equipment
Number									
1954									
January	26,361	921	1,203	28,797	17,106	30,384	18,223	676	123,671
February	25,883	912	1,270	29,349	17,129	29,553	18,950	696	123,742
March	25,588	898	1,330	28,101	16,928	30,360	19,197	699	123,101
April	25,881	894	1,382	27,472	16,315	30,145	18,641	761	121,491
May	25,424	900	1,405	23,659	15,596	29,067	17,436	750	114,237
June	24,478	828	1,382	21,441	14,298	27,682	16,646	703	107,458
July	23,519	810	1,244	20,481	12,929	26,589	15,694	664	101,930
August	23,194	787	1,099	16,119	11,448	24,288	15,977	679	93,591
September	22,705	742	1,100	15,133	12,080	23,777	15,894	679	92,110
October	22,699	689	1,066	18,563	13,366	22,900	15,895	703	95,881
November	22,889	674	1,091	13,416	14,137	23,192	15,380	673	91,452
December	23,215	672	1,113	15,677	14,750	21,900	13,926	637	91,890
Average	24,319	811	1,222	21,518	14,673	26,650	16,822	693	106,708
1955									
January	22,223	389	1,224	20,062	16,313	21,158	14,272	580	96,221
February	22,359	394	1,261	27,808	17,536	21,683	14,739	629	106,409
March	22,163	428	1,328	30,191	17,464	22,138	15,033	645	109,390
April	22,099	473	1,425	30,817	17,935	22,064	14,993	641	110,447
May	21,691	515	1,445	30,906	18,165	21,899	14,576	626	109,823
June	21,506	524	1,431	30,501	18,340	21,904	14,314	585	109,105
July	19,126	516	1,369	29,413	17,795	21,781	13,669	598	104,267
August	19,606	520	1,228	24,698	15,669	22,852	13,459	681	98,713
September	20,000	505	1,212	23,832	16,273	23,386	13,884	754	99,846
October	20,517	499	1,237	21,117	12,436	23,426	14,628	780	94,640
November	21,913	501	1,261	21,816	12,322	24,315	14,430	816	97,374
December	22,675	475	1,243	22,492	12,203	24,455	14,245	722	98,510
Average	21,322	478	1,305	26,136	16,035	22,589	14,352	671	102,888

TABLE 8. Wage-earners Employed in the Transportation Equipment Group, by Months and by Provinces, 1954 and 1955

Month	Newfound-land and Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Canada
Number										
1954										
January	49	4,808	2,454	33,599	69,884	6,738	11	2,799	3,329	123,671
February	49	4,682	2,336	33,779	70,166	6,354	11	2,726	3,639	123,742
March	58	5,024	2,359	34,554	68,462	6,371	11	2,691	3,571	123,101
April	56	5,259	2,370	34,461	66,994	6,278	12	2,649	3,412	121,491
May	52	5,004	2,316	32,824	61,953	5,971	12	2,525	3,580	114,237
June	48	5,079	2,313	30,317	57,571	5,938	12	2,485	3,695	107,458
July	45	4,458	2,292	28,574	54,494	5,821	12	2,397	3,837	101,930
August	45	4,269	2,297	26,459	48,681	5,639	12	2,409	3,780	93,591
September	44	4,032	2,339	25,475	48,629	5,643	12	2,352	3,584	92,110
October	53	3,630	2,314	25,198	53,237	5,562	12	2,361	3,514	95,881
November	58	3,511	2,327	25,526	48,539	5,423	7	2,408	3,653	91,452
December	56	3,555	2,269	23,375	51,362	5,309	8	2,394	3,562	91,890
Average	51	4,442	2,332	29,509	58,330	5,921	11	2,516	3,596	106,708
1955										
January	38	3,842	2,358	23,473	55,282	5,238	6	2,379	3,605	96,221
February	41	4,015	2,421	24,216	64,546	5,271	6	2,329	3,564	106,409
March	42	4,080	2,451	24,803	66,735	5,345	5	2,288	3,641	109,390
April	45	4,018	2,225	24,783	67,788	5,354	6	2,307	3,921	110,447
May	39	4,035	2,160	24,485	67,643	5,301	6	2,328	3,824	109,823
June	32	4,008	2,124	24,496	66,881	5,321	8	2,402	3,833	109,105
July	31	3,888	2,065	24,303	62,503	5,339	8	2,476	3,654	104,267
August	29	4,102	2,062	24,202	56,593	5,416	8	2,521	3,780	98,713
September	27	4,375	2,065	24,759	56,566	5,563	8	2,574	3,909	99,846
October	26	4,205	2,171	25,760	49,830	5,836	7	2,663	4,142	94,640
November	28	4,749	2,125	25,756	51,650	5,956	7	2,753	4,350	97,374
December	23	4,879	2,098	25,567	52,848	5,929	7	2,767	4,392	98,510
Average	33	4,181	2,195	24,715	59,901	5,490	7	2,482	3,884	102,888

TABLE 9. Alphabetical List of Materials Used in the Industries in the Transportation Equipment Group, 1954 and 1955

Note. The figures given for the individual items which are listed below are incomplete for the group, as the detailed breakdown of materials used in the motor vehicles and aircraft industries is not available.

Material	Unit of measure	1954		1955	
		Quantity	Cost at works	Quantity	Cost at works
			\$		\$
Aluminum, all forms	lb.	8,256,217	3,174,151	10,900,416	4,495,581
Babbitt metal and solders	"	1,250,224	547,866	1,719,010	787,000
Bars and rods, steel, except alloy	ton	73,922	10,668,243	85,473	12,431,438
Bolts, softwood	cord	101	1,405	1	1
Bolts, hardwood	"	51	1,012	1	1
Boilers, purchased	—	—	243,909	—	179,149
Blocks, blanks, squares and other wood	—	—	25,275	1	1
Brass and bronze, all forms	lb.	19,667,733	7,900,946	17,394,524	8,169,140
Centres for railway car wheels	—	—	24,813	—	15,114
Coke (charged to cupolas, etc.)	ton	35,934	1,031,005	34,494	968,444
Copper, all forms	lb.	8,412,458	3,915,813	10,795,425	5,847,254
Core oil	Imp. gal.	63,124	60,860	78,156	76,154
Cupola blocks	—	—	17,263	—	31,237
Electrical goods (including motors)	—	—	3,317,371	—	2,796,031
Engines, purchased	—	—	3,871,075	—	3,234,031
Fabrics	—	—	217,908	—	250,219
Ferro-alloys:					
Ferromanganese	ton	776	195,443	696	173,352
Ferrosilicon	"	1,074	154,306	1,291	186,277
Other ferro-alloys	—	—	100,278	—	91,595
Firebrick	—	—	126,713	—	150,048
Fireclay	ton	2,127	55,179	3,027	76,031
Hubs, spokes, bent goods, etc. (wood)	—	—	10,992	—	4,971
Iron, pig	ton	25,677	1,482,021	29,043	1,620,026
Iron and steel, other, except alloy	—	—	19,156,758	—	19,926,243
Lead, all forms	lb.	1,280,740	316,701	3,088,081	460,446
Logs:					
Softwood	M ft. b.m.	146	10,518	1	1
Hardwood	" "	96	6,731	1	1
Lumber and timber	M bd. ft.	62,381	7,643,015	65,973	8,000,314
Machinery (auxiliary), purchased	—	—	12,020,822	—	8,815,601
Metals, non-ferrous, other	—	—	398,633	—	392,418
Nickel, all forms	lb.	703,857	515,260	997,406	763,372
Paints, oils and varnishes	—	—	2,582,553	—	2,551,898
Parts for bicycles	—	—	403,576	—	516,249
Parts for railway cars and locomotives	—	—	44,655,857	—	23,900,803
Pipe, tubes and fittings, iron and steel	—	—	5,783,979	—	6,779,311
Plates, steel (3/16" and thicker), except alloy	ton	97,097	11,152,613	87,279	11,013,753
Plumbago and graphite	lb.	115,835	11,939	127,200	12,871
Plywood	M surface ft.	561	114,889	520	116,268
Sands, moulding	ton	8,758	85,448	5,722	63,093
Sands, core	"	27,984	87,188	30,178	96,075
Scrap, iron and steel:					
Own make	ton	67,003	2,686,102	68,720	2,664,253
Purchased	"	110,253	2,794,796	93,577	3,252,968
Sheets, steel:					
Galvanized	"	7,092	1,135,255	5,237	804,178
Plain (black), except alloy	"	40,434	5,607,497	52,602	7,245,322
Tinplate	"	1,961	332,839	2,001	333,931
Springs, railway car	—	—	551,922	—	605,925
Strip, steel, except alloy	ton	18,393	2,438,033	31,224	4,035,255
Structural shapes, steel, except alloy	"	57,637	6,816,357	42,645	5,593,569
Steel, alloy, all kinds	—	—	8,217,120	—	8,334,666
Tin	lb.	15,362	14,778	24,043	27,659

1. Not separately specified in 1955.

TABLE 9. Alphabetical List of Materials Used in the Industries in the Transportation Equipment Group, 1954 and 1955 - Concluded

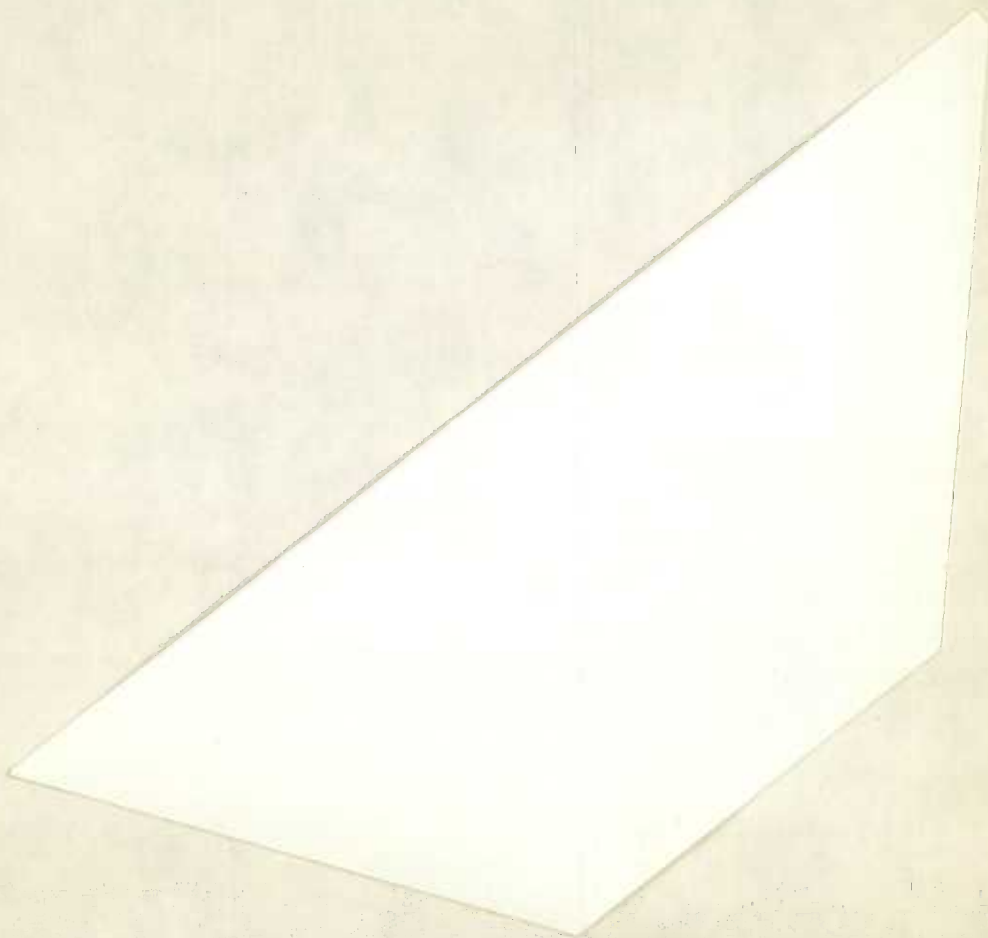
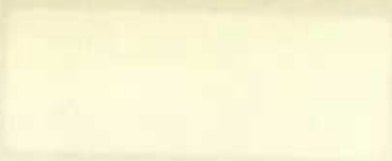
Material	Unit of measure	1954		1955	
		Quantity	Cost at works	Quantity	Cost at works
			\$		\$
Tires for railway car wheels	—	—	421,386	—	260,230
Tubing for bicycle frames	—	—	100,073	—	58,014
Veneer	M surface ft.	8,084	207,838	8,294	256,073
Wheels (carriage, wagon, etc.)	No.	8,001	52,106	8,570	61,351
Wheels for railway cars	—	—	6,866,840	—	6,074,402
Wire, steel, except alloy	ton	4,303	924,080	6,635	1,090,926
Zinc, all forms	lb.	1,397,098	309,941	2,005,497	397,844
Containers and packing materials	—	—	1,465,221	—	2,083,173
All materials used in aircraft manufacturing industry	—	—	158,893,485	—	140,831,164
All materials used in automobile manufacturing industry	—	—	477,309,375	—	631,181,084
All other materials	—	—	167,485,911	—	177,585,042
Total	—	—	986,721,281	—	1,117,768,836

TABLE 10. Principal Statistics of the Transportation Equipment Group, Classified According to Size of Establishment, 1955

Size group	Estab- lish- ments	Employees	Earnings	Cost of fuel and electricity	Cost at plant of materials used	Selling value of factory shipments
	No.	No.	\$	\$	\$	\$
(a) Gross Production or Factory Shipments						
Under \$10,000	111	187	246,332	18,296	175,444	499,573
\$10,000 to \$24,999	69	238	483,223	27,938	370,348	1,062,514
\$25,000 to \$49,999	59	387	948,797	56,965	912,652	2,152,068
\$50,000 to \$99,999	63	701	1,921,670	87,746	1,722,768	4,490,002
\$100,000 to \$199,999	67	1,365	4,230,376	174,112	4,024,907	9,793,378
\$200,000 to \$499,999	61	2,447	7,698,722	387,265	7,808,102	19,381,786
\$500,000 to \$999,999	39	2,479	8,467,351	304,227	11,807,799	26,369,982
\$1,000,000 to \$4,999,999	70	16,424	56,695,754	2,110,484	71,095,594	157,437,470
\$5,000,000 and over	55	107,479	409,315,817	15,909,243	1,019,851,222	1,729,223,262
Head offices	—	82	426,454	—	—	—
Totals	594	131,789	490,434,996	19,076,276	1,117,768,836	1,950,410,035
(b) Employees						
Under 5 employees	188	430	807,567	52,068	787,280	2,124,557
5 to 14	128	1,164	3,247,496	166,806	4,330,344	9,585,021
15 to 49	108	3,000	9,806,959	410,809	13,837,975	29,374,463
50 to 99	48	3,196	10,333,885	422,189	13,522,354	30,776,234
100 to 199	39	5,570	18,964,685	840,636	32,101,437	65,111,614
200 to 499	32	10,478	37,847,408	1,536,904	59,492,721	129,755,593
500 to 999	20	13,865	51,329,879	1,941,072	115,700,160	190,925,299
1,000 to 1,499	15	17,086	58,787,247	3,227,190	86,163,842	173,894,660
1,500 and over	16	76,918	297,883,416	10,478,602	791,832,723	1,318,862,594
Head offices	—	82	426,454	—	—	—
Totals	594	131,789	490,434,996	19,076,276	1,117,768,836	1,950,410,035

For data on production of transportation equipment in 1954 and 1955 refer to the separate industry reports in this series as outlined on the back of the cover page of this report. The more important items and the pertinent Tables are as follows for each year:

	Page	Table
Aircraft	B-5	5
Bicycles	C-4	3
Motor vehicles	E-4	3 and 4
Motor vehicle parts	F-7	5
Naval and commercial vessels	H-4	3
Railway cars and locomotives	G-4	3
Row boats, canoes, etc.	D-4	3
Wagons and sleighs	I-4	3



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