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CANADIAN WAR DATA

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I N T R O D U C T I O N

The purpose of this REFERENCE PAPER is to present a statistical summary of Canada's contribution in manpower and resources in World War II.

Canada entered the war on September 10, 1939, and the conflict did not end until the surrender of Japan on August 14, 1945, almost six years later.

Because the demarcation between war and peace was not clear cut in all areas of the Canadian war effort, December 31, 1945, was chosen as the most suitable date in many of the following tables for which to quote final figures. By that time, in most cases, activities pertaining to the war had been completed, although in some fields such as price control and rationing, war measures continue to affect national life.

The withdrawal of direct government participation in war industry is well on the way to completion. Crown companies numbered 31 in all. Of these, 17 have ceased operation and nine are in the process of liquidation. Five will continue as part of the peacetime program: Wartime Housing Limited, Polymer Corporation, Parks Steamships Limited, Eldorado Mining and Refining (1944) Limited and Canadian Arsenals Limited.

Measures regulating the selection and placement of labour have all been withdrawn with the coming of peace. On the other hand, some important developments in the field of labour administration which have occurred during the war years are likely to have a continuing significance for considerable time. They include the following:

1. The huge war emergency training program, carried on co-operatively between the federal Department of Labour and the provincial governments for the training of personnel for the armed services and war industry, has been converted into a federal-provincial post-war training scheme called Canadian Vocational Training to provide rehabilitation training for veterans, to give post-war training to civilian war workers and to assist the provinces with their vocational training programs for young persons of high school age.

2. Wage control, first introduced in 1941, still continues as a phase of the general economic stabilization policy. The National War Labour Board and the nine regional war labour boards which administer this policy are still in operation.

3. The conciliation services of the Department of Labour have been expanded considerably during the war. They carry over into peace regulations establishing the right of employees to organize, the right of workers' organizations to name bargaining agents and the right of collective bargaining.

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ESTIMATED MAN POWER DISTRIBUTED

14 YEARS OF AGE AND OVER (IN THOUSANDS)

POPULATION CLASS	OCTOBER 1, 1939			OCTOBER 1, 1941			OCTOBER 1, 1943			OCTOBER 1, 1944			OCTOBER 1, 1945							
	MALES	FEMALES	TOTAL	MALES	FEMALES	TOTAL	MALES	FEMALES	TOTAL	MALES	FEMALES	TOTAL	MALES	FEMALES	TOTAL					
POPULATION, 14 YEARS AGE AND OVER.....	4,303	4,029	8,332	100.0	4,404	4,152	8,556	100.0	4,513	4,284	8,797	100.0	4,555	4,349	8,904	100.0	4,597	4,409	9,006	100.
IN ARMED FORCES OR FULLY OCCUPIED.....	3,174	689	3,863	46.3	3,790	788	4,578	53.5	3,938	1,091	5,029	57.2	3,981	1,114	5,095	57.2	3,779	1,042	4,821	53.5
FORCES (1).....	70	...	70	.8	363	1	364	4.3	722	31	753	8.6	740	37	777	8.7	548	27	575	6.4
GAINFULLY OCCUPIED (2) AGRICULTURAL INDUSTRY	3,104	689	3,793	45.5	3,427	787	4,214	49.2	3,216	1,060	4,276	48.6	3,241	1,077	4,318	48.5	3,231	1,015	4,246	47.1
TOTAL.....	1,879	689	2,568	30.8	2,337	787	3,124	36.5	2,231	1,060	3,291	37.4	2,216	1,077	3,293	37.0	2,181	1,015	3,196	35.5
WAGE AND SALARY WORKERS IN WAR IN- DUSTRY (3).....	115	6	121	1.4	515	78	593	6.9	905	261	1,166	13.3	765	229	994	11.2	191	64	255	2.8
WAGE AND SALARY WORKERS IN CIVILIAN INDUSTRY.....	1,394	563	1,957	23.5	1,472	595	2,067	24.2	1,021	689	1,710	19.4	1,129	737	1,866	20.9	1,637	834	2,471	27.4
EMPLOYERS, OWN ACCOUNTS AND NO PAYS (4).....	370	120	490	5.9	350	114	464	5.4	305	110	415	4.7	322	111	433	4.9	353	117	470	5.2
CULTURE--MALES ONLY	1,225	...	1,225	14.7	1,090	...	1,090	12.7	985	...	985	11.2	1,025	...	1,025	11.5	1,050	...	1,050	11.6
WOMEN, 14-64 YEARS OF (5).....	.....	805	805	9.7	.....	785	785	9.2	...	765	765	8.7	.....	780	780	8.7	....	810	810	9.0
UNEMPLOYED (6).....	321	312	633	7.6	280	286	566	6.6	212	230	442	5.0	223	237	460	5.2	239	241	480	5.3
WOMEN--INCLUDES MAKERS NOT ON S.....	808	2,223	3,031	36.4	179	100	255	3.0	31	35	66	.7	32	29	61	.7	96	33	129	1.5
TOTAL.....	.....	179	2,193	27.7	2,372	2,372	27.7	2,495	28.4	2,163	2,495	28.4	319	2,189	2,508	28.2	483	2,283	2,766	30.7

The above estimates provided by the Department of Labour are based on the most recent information obtainable from the Dominion Bureau of Statistics and other official sources, little statistical information is available for domestic servants, agricultural males, women and employers own accounts and no pays. In these cases the estimates are subject to possibility of considerable error, especially for dates furthest from the date of the total census (June 2, 1941)

Includes prisoners of war and persons missing but still on strength. Excludes persons employed on lease and engaged in civilian occupations.

Does not include women gainfully occupied on farms or in farm homes, who are included with men. Does not include wage and salary workers who are temporarily unemployed because of "lay-off".

3. Includes employment on direct and indirect war production and construction, and the war content of employment in ancillary industries.

4. "Own accounts" are persons who carry on their business without assistance of employees. "No pays" are mainly family workers receiving no fixed money payment.

5. Since it was impossible to estimate the number of women engaged in farm work, all women residing on farms are here included except students, women 65 years of age and over and those gainfully occupied outside the farm.

6. In 1943 and 1944 the number of unemployed was accounted for almost entirely by persons temporarily out of work while moving from one job to another.

7. In attempting to compare the estimates of employment at April 1 with those for October the seasonal difference between these periods should be considered.

4. Services designed to promote better understanding between labour and management in industry will remain. The Industrial Production Co-operation Board is being continued. Plant committees organized under its sponsorship numbered 444 at the end of March, 1946.

5. The National Employment Service, set up in 1941, administered the wartime Selective Service regulations. Although the Selective Service section has been dropped, National Employment Service is a permanent fixture. Functioning in more than 200 Canadian cities and towns as a voluntary public placement agency, it also handles unemployment insurance benefits, administers the Reinstatement in Civil Employment Act and looks after out-of-work allowances on behalf of the Department of Veterans Affairs.

Canada's achievements in the field of scientific research during the war have been outstanding. Since 1939 the facilities of the National Research Council were widely extended, the laboratory staffs increased fourfold, the budget expanded six times. With the close of hostilities, Canadian scientists are applying the results of their wartime research to the betterment of peacetime living. Reaching into almost every area of human activity, the work of the council includes scientific aids to housing, rural electrification, health and welfare, the rehabilitation of the wounded; studies to improve the design of aircraft, canals, harbors, ships; the application of radar to air and sea navigation, of the principle of echo sounding to mineral prospecting and the detection of flaws in solid structures; the utilization of atomic energy not only in war but also in industry, and the use of its products in research and medicine.

Canadian medical practice has been greatly enriched by experience gained under the vicissitudes of war. In keeping with this general trend toward better health consciousness was the establishment of the Department of National Health and Welfare in 1944 with duties, among others, of carrying on research for the health and welfare of the Canadian people and of publicizing the results of such efforts.

Of particular importance, when measured by the yardstick of human values, is the contribution Canada has made of foodstuffs to a hungry world. (See: "Food from Canada," 1946 REFERENCE PAPERS series, No. 2, April 30, 1946). Labour shortages notwithstanding, Canada maintained a steady flow of wheat, bacon, cheese, eggs and other products to the United Kingdom and other allies. Wheat has been flowing out of Canada at the rate of a million bushels each working day for the last three years; fish products at the rate of a million pounds each day for seven years.

After six years of concentrated toil Canadians find that their efforts have not only helped win the war but have also moved the nation up to higher levels--to more mature heights of economic, political and cultural development and to largely expanded diplomatic relations with the other nations of the world.

(For the convenience of those who have in their possession a copy of the Recapitulation Issue of CANADA AT WAR, No. 45, published in July, 1945, the tables in this paper are numbered as they are in that booklet. The numbers are not consecutive throughout, however, for in a few cases tabulations similar to those contained in the Recapitulation Issue have not been presented here, and a few gaps therefore occur).

TABLE 4

PLACEMENTS IN EMPLOYMENT

(Regular and Casual)

	<u>Males</u>	<u>Females</u>	<u>Totals</u>
1939	270,020	114,862	384,882
1940	336,507	138,599	475,106
1941	331,997	175,766	507,763
1942	597,161	298,460	895,621
1943	1,239,900	704,126	1,944,026
1944	1,101,854	638,063	1,739,917
1945	1,095,641	397,940	1,493,581
Total	4,973,080	2,467,816	7,440,896

TABLE 5

STRIKES AND LOCKOUTS

<u>Year</u>	<u>Number of strikes</u>	<u>Number of workers involved</u>	<u>Time loss in man-working days</u>	
			<u>Total</u>	<u>Per 1,000 work days</u>
1939 (Sept. to Dec.)	50	16,842	108,584	0.35
1940	168	60,619	266,318	0.39
1941	231	87,091	433,914	0.55
1942	354	113,916	450,202	0.51
1943	402	218,404	1,041,198	1.14
1944	199	75,290	490,139	0.54
1945	197	96,068	1,457,420	1.66

TABLE 7

SUMMARY OF CANADIAN VOCATIONAL TRAINING FEBRUARY 28, 1946

	Received train- ing.	Placed in employment.	Enlisted in Armed Forces.	Leaving voluntarily or released.	Received training in Fiscal year 1944-1945 (1)	Received training April 1, 1945 to February 28, 1946 (1)	Under training.
Full-time pre-employment	(Men) 80,252 (Women) 28,178	56,327 23,864	1,869 61	14,708 3,517	2,791 1,262	182 443	- 2
Part-time (2)	(Men) 28,552 (Women) 6,704	- -	- -	- -	3,950 1,061	671 38	- -
Full-time plant schools	(Men) 17,035 (Women) 20,965	14,306 18,185	153 14	2,670 2,986	3,629 5,615	631 462	- -
Supervisory training	111,016	-	-	-	30,192	32,784	Information not available
Rehabilitation of discharged persons	51,524	9,399	-	7,879	6,790	46,106	33,332
Army tradesmen	49,262	-	-	-	9,860	2,760	1
Navy tradesmen	9,056	-	-	-	2,176	383	*
R.C.A.F. tradesmen	65,214	-	-	-	5,409	11	1
University students	9,255	-	-	-	2,276	1,606	Information not available
T O T A L	477,013	122,081	2,097	31,760	75,011	86,077	33,336

(1) - Includes those carried over from end of previous fiscal year.

(2) - Already employed.

A R M E D F O R C E S

ARMED FORCES STRENGTH

	Navy		Army		Air Force		Total		
	Men	Women Total	Men	Women (more than) Total	Men	Women Total	Men	Women (more than) Total	
39	5,116	...	63,000	140	8,096	...	76,212	140	76,352
40	14,872	...	177,000	500	36,894	...	228,766	500	229,266
41	27,960	...	272,500	1,500	97,962	647	398,422	2,147	400,569
42	48,693	810	415,500	9,500	145,867	7,838	610,060	17,905	627,965
43	71,549	3,805	466,500	15,000	191,197	15,153	729,246	33,958	763,204
44	87,141	5,739	457,500	16,500	179,382	13,617	724,023	35,856	759,879
V-E Day	86,356	5,853	456,500	17,000	164,117	11,561	706,973	34,414	741,387
V-J Day	84,623	5,642	415,500	16,000	151,276	10,300	651,399	31,942	683,341

ESTIMATED INTAKE INTO THE ARMED FORCES (1)

Officers and Other Ranks and Ratings

Table 10

[WOMEN'S ROYAL CANADIAN NAVAL SERVICE, CANADIAN WOMEN'S ARMY CORPS AND ROYAL CANADIAN AIR FORCE (WOMEN'S DIVISION) NOT INCLUDED]

PLACE OF PERMANENT RESIDENCE AT TIME OF ENLISTMENT	ARMY										PERCENTAGE TOTAL INTAKE TO MALE POPULATION AGES 18 TO 45
	MALE POPULATION AGES 18 TO 45 (SEE NOTE 2)	ROYAL CANADIAN NAVY	APPOINTMENTS AND ENLISTMENTS (SEE NOTE 3)	ENROLLMENTS, NATIONAL RESOURCES MOBILIZATION ACT (SEE NOTE 4)	TOTAL	LESS: INTER-SERVICE TRANSFERS AND NRMA MEN ENLISTED (SEE NOTE 5)	ARMY NET TOTAL	ROYAL CANADIAN AIR FORCE	TOTAL THREE SERVICES		
TO JUNE 30, 1945											
PRINCE EDWARD ISLAND	19,000	1,394	5,958	917	6,875	615	6,260	1,559	9,213	48.5%	
NOVA SCOTIA	123,000	6,983	42,378	6,253	48,631	4,206	44,425	7,621	59,029	48.0	
NEW BRUNSWICK	94,000	2,708	31,967	7,155	39,122	3,776	35,346	6,488	44,542	47.4	
QUEBEC	699,000	12,416	94,426	55,066	149,492	12,696	136,796	23,521	172,733	24.7	
ONTARIO	830,000	41,136	243,012	45,489	288,501	26,607	261,894	91,094	384,124	47.5	
MANITOBA	159,000	7,746	42,402	9,502	51,904	4,563	47,341	20,163	75,250	47.3	
SASKATCHEWAN	191,000	6,492	44,111	12,252	56,363	5,018	51,345	21,974	79,811	41.8	
ALBERTA	178,000	7,592	44,554	10,474	55,028	4,944	50,084	19,628	77,304	43.4	
BRITISH COLUMBIA	181,000	12,395	52,526	10,894	63,420	6,508	56,912	20,589	89,896	49.7	
OUTSIDE CANADA	2,474,000	98,862	601,334	158,002	759,336	68,933	690,403	212,637	1,001,902	40.5%	
		699	5,882	12	5,894	32	5,862	9,499	16,060		
		99,561	607,216	158,014	765,230	68,963	696,265	222,136	1,017,962		
TO SEPTEMBER 30, 1945											
PRINCE EDWARD ISLAND	19,000	1,394	5,968	919	6,887	620	6,267	1,560	9,221	48.5%	
NOVA SCOTIA	123,000	6,986	42,461	6,255	48,716	4,236	44,480	7,627	59,093	48.0	
NEW BRUNSWICK	94,000	2,711	32,025	7,165	39,190	3,789	35,401	6,491	44,603	47.4	
QUEBEC	699,000	12,441	94,642	55,402	150,044	12,845	137,199	23,541	173,181	24.8	
ONTARIO	830,000	41,220	243,457	45,158	288,615	26,537	262,078	91,162	394,460	47.5	
MANITOBA	159,000	7,752	42,488	9,508	51,996	4,590	47,406	20,183	75,341	47.4	
SASKATCHEWAN	191,000	6,504	44,201	12,259	56,460	5,050	51,410	21,993	79,907	41.8	
ALBERTA	178,000	7,594	44,640	10,475	55,115	5,003	50,112	19,645	77,351	43.4	
BRITISH COLUMBIA	181,000	12,435	52,641	10,903	63,544	6,576	56,968	20,648	90,051	49.7	
OUTSIDE CANADA	2,474,000	99,037	602,523	158,044	760,567	69,246	691,321	212,850	1,003,208	40.6%	
		702	5,912	12	5,924	18	5,906	9,526	16,134		
		99,739	608,435	158,056	766,491	69,264	697,227	222,376	1,019,342		

(1) Figures of intake do not represent actual strength of the armed services, as they do not take into consideration men discharged for medical or other reasons, personnel mentioned, casualties incurred and other factors.

(2) Population figures for the age group 18 to 45 (as at June 2, 1941) were estimated from summaries of the 1941 census which had been published in 5-year and 10-year age groups.

(3) Army appointments and enlistments do not include Reserve Army personnel called out on active service, from time to time, under various general orders.

(4) The above figures of enrolments, National Resources Mobilization Act, include only those men actually documented as NRMA recruits. Men who reported to training centres or to depots on being called up, but who volunteered immediately and were never documented as NRMA recruits, are included with appointments and enlistments.

(5) This column consists of men discharged from the army for the purpose of joining the navy (1,721 to June 30; 1,746 to September 30) or air force (10,209 to June 30 and September 30) and men enrolled under NRMA who subsequently volunteered for general service (57,034 to June 30; 57,309 to Sept. 30). No similar deduction has been made from navy or air force enlistments for personnel discharged therefrom to join other services.

TABLE 11

ARMED FORCES FATAL CASUALTIES

	Navy	Army	Air Force	Total
1939	--	37	12	49
1940	288	341	109	738
1941	150	888	1,073	2,111
1942	373	1,761	3,361	5,495
1943	291	2,625	4,756	7,672
1944	365	12,812	5,723	18,900
1945	518	4,326	1,784	6,628
	1,985	22,790	16,818	41,593

TABLE 13

NAVY INTAKE

	Royal Canadian Navy, Naval Reserve and Volunteer Reserve	Women's Royal Canadian Naval Service	Total
September 1, 1939 to January 31, 1941	15,526	-	15,526
January 31, 1941 to December 31, 1941	12,601	-	12,601
1942	25,707	815	26,522
1943	26,031	3,902	29,933
1944	18,326	1,764	20,090
January 1, 1945 to August 15, 1945 (V-J Day)	1,497	296	1,793
TOTAL	99,688	6,777	106,465

TABLE 14

NAVY STRENGTH

	Royal Canadian Navy, Naval Reserve and Volunteer Reserve	Women's Royal Canadian Naval Service	Total	Ashore (Including W.R.C.N.S.)	Afloat
At December 31, 1939	5,116	.....	5,116	.....	.....
1940	14,872	.....	14,872	.....	.....
1941	27,960	.....	27,960	.....	.....
1942	48,693	810	49,260	30,934	17,719
1943	71,549	3,805	75,354	45,829	28,521
1944	87,141	5,739	92,880	53,578	39,588
At May 8, 1945 (V-E Day)	86,356	5,853	92,209	53,896	38,189
At August 15, 1945 (V-J Day)	84,623	5,642	90,265	65,851	21,699

TABLE 15

NAVY CASUALTIES

	Fatalities	Total missing	Prisoners of war	Wounded or injured	Total
1939	...	...	...	...	...
1940	288	...	...	47	335
1941	150	...	2	20	172
1942	373	...	3	56	432
1943	291	...	3	59	353
1944	365	260	79	185	889
1945	518	4	0	254	776
TOTAL	1985	264	87	621	2957

Table 16

ARMY INTAKE

Year	Male Intake									
	Appointments and enlistments	Enrollments, National Resources Mobilization Act	Total	Less NRMA men enlisted	Net male intake	Inter-service transfers: to navy to air force	Male net total			
1939 Sept. 1 to Dec. 31	68,773	-	68,773	-	68,773	6	68,747			
1940	127,962	-	127,962	-	127,962	58	127,010			
1941	103,705	32,005	135,710	7,780	127,930	587	122,813			
1942	136,396	70,504	206,900	18,183	188,717	418	186,531			
1943	74,432	34,309	108,741	6,491	102,250	291	100,196			
1944	59,789	17,710	77,499	17,048	60,451	328	58,921			
1945 Jan. 1 to Aug. 31	33,744	3,528	37,272	7,807	29,465	58	29,375			
Totals	604,801	158,056	762,857	57,309	705,548	1,746	693,593	10,209		

Year	Female Intake			
	Nursing Services	Canadian Womens Army Corps	Female total	
1939 Sept. 1 to Dec. 31	151	-	151	
1940	379	-	379	
1941	386	1,242	1,628	
1942	641	7,485	8,126	
1943	660	7,879	8,539	
1944	1,148	3,418	4,566	
1945 Jan. 1 to Aug. 31	269	1,594	1,863	
Totals	3,634	21,618	25,252	

TOTAL INTAKE
68,898
127,389
124,441
194,657
108,735
63,487
31,238
718,845

Table 17

ARMY STRENGTH (1)
(more than)

	Total Strength			Serving Outside Canada (2)		
	Men	Women	Total	Men	Women	Total
At December 31						
1939	63,000	140	63,140	15,500	(3)	15,500
1940	177,000	500	177,500	60,000	(3)	60,000
1941	272,500	1,500	274,000	130,500	(3)	130,500
1942	415,500	9,500	425,000	189,500	500	190,000
1943	466,500	15,000	481,500	253,000	2,000	255,000
1944	457,500	16,500	474,000	276,500	3,500	280,000
At V E Day	456,500	17,000	473,500	279,500	3,500	283,000
At V J Day	415,500	16,000	431,500	222,500	3,500	226,000

- (1) Excluding prisoners of war and missing and personnel on extended leave, and adjusted for fatal casualties to the respective dates.
- (2) Includes all personnel outside the territorial limits of Canada.
- (3) Information is not available as to the number of women serving outside Canada at these dates.

Table 18

ARMY CASUALTIES
(As Reported to Dec. 31, 1945)

	Fatalities	Missing	Liberated or repatriated prisoners of war	Wounded*	Total
1939	37	-	-	-	37
1940	341	-	-	96	437
1941	888	-	-	59	947
1942	1,761	-	-	618	2,379
1943	2,625	-	53	4,668	7,346
1944	12,812	2	165	35,134	48,113
1945	4,326	-	6,214	10,841	21,381
Totals	22,790	2	6,432	51,416	80,640

* Do not include personnel who subsequently died as a result of wounds.

TABLE 19

AIR FORCE INTAKE

	<u>Royal Canadian Air Force</u>	<u>Women's Division</u>	<u>Total</u>
1939 (Sept. 10 to Dec. 31)	3,944	-	3,944
1940	30,927	-	30,927
1941	66,099	999	67,098
1942	65,062	7,835	72,897
1943	49,898	7,711	57,609
1944	6,585	438	7,023
1945 (to V-J Day)	435	47	482
Totals	<u>222,950</u>	<u>17,030</u>	<u>239,980</u>

TABLE 21

AIR CREW GRADUATES

	<u>1940</u>	<u>1941</u>	<u>1942</u>	<u>1943</u>	<u>1944</u>	<u>(to March 31, 1945)</u>	<u>TOTAL</u>
Royal Canadian Air Force	484	10,067	16,261	20,122	20,337	5,564	72,835
Royal Air Force	...	661	7,942	14,930	15,822	2,755	42,110
Royal Australian Air Force	37	2,064	1,755	2,617	2,322	811	9,606
Royal New Zealand Air Force	...	1,390	1,820	1,685	1,807	300	7,002
Totals	<u>521</u>	<u>14,182</u>	<u>27,778</u>	<u>39,354</u>	<u>40,288</u>	<u>9,430</u>	<u>131,553</u>

TABLE 23

GRADUATES OF GROUND CREW COURSES

1940	5,917
1941	20,046
1942	30,682
1943	29,140
1944	19,396
1945 (to March 31).....	1,333
Total	<u>106,514</u>

TABLE 20
AIR FORCE STRENGTH (1)

At December 31	Royal Canadian Air Force			Women's Division			T O T A L		
	Western (2) Hemisphere	Overseas	Total	Western (2) Hemisphere	Overseas	Total	Western (2) Hemisphere	Overseas	Total
1939	8,077	19	8,096	-	-	-	8,077	19	8,096
1940	35,772	1,122	36,894	-	-	-	35,772	1,122	36,894
1941	85,908	12,054	97,962	647	-	647	86,555	12,054	98,609
1942	120,928	24,939	145,867	7,797	41	7,838	128,725	24,980	153,705
1943	145,820	45,377	191,197	14,258	895	15,153	160,078	46,272	206,350
1944	118,879	60,503	179,382	12,147	1,470	13,617	131,026	61,973	192,999
at V-E Day	106,740	57,377	164,117	10,218	1,343	11,561	116,958	58,720	175,678
at V-J Day	108,726	42,550	151,276	9,059	1,241	10,300	117,785	43,791	161,576

(1) Excludes missing, prisoners, on leave without pay, deserters, seconded.
 (2) Includes Canada, Labrador, Newfoundland, Alaska, United States and Iceland.

All figures in this statement are from recorded sources
 and are subject to adjustment as current enquires are
 pursued.

TABLE 26

AIR FORCE OVERSEAS SQUADRONS

	Squadrons Operational (At December 31)	Sorties		Tonnage of bombs dropped	Enemy aircraft destroyed	Enemy aircraft probably des- troyed	Enemy aircraft damaged
		Bomber squadrons	Other (1) squadrons				
1940.....	1	.....	.....	.....	31	8	35
1941.....	14	.....	.....	.....	30	14	34
1942.....	25	.....	.....	.....	58	35	88
1943.....	34	7,355	.....	13,630	220	28	135
1944.....	46	25,353	74,014	86,216	605	31	212
1945 (to V-E Day)	48 (at V-E Day)	7,185	Approximately 30,000	26,305	228	9	96
Totals	---	---	---	---	1,172	125	600

(1) Other squadrons include general, photographic and fighter reconnaissance, day and night fighter, intruder, ground attack, transport.

Table 27

AIR FORCE CASUALTIES (1)

	Missing			Prisoners of War and Interned		Seriously or Dangerously Wounded or Injured (Not Fatal)	TOTAL
	Fatal	Still missing	Now safe	Still P.O.W.	Now safe		
1939	12	-	-	-	-	-	12
1940	109	-	-	-	-	25	134
1941	1073	-	-	-	134	155	1362
1942	3361	15	54	-	414	319	4163
1943	4756	23	153	2	772	302	6008
1944	5723	60	492	1	1020	378	7674
1945	1784	110	344	-	134	220	2592
TOTAL	16818	208	1043	3	2474	1399	21945

(1) Figures are according to records at December 31, 1945 and hence reflect all changes of status of casualties to that date; R.C.A.F. (Women's Division) casualties, 28 fatal and 21 wounded or injured are included.

Table 28

MERCHANT NAVY FATAL CASUALTIES
(Dead or missing from Canadian ships)

<u>1940</u>	<u>1941</u>	<u>1942</u>	<u>1943</u>	<u>1944</u>	<u>1945</u>	<u>Total</u>
28	223	363	12	37	11	674

Note: To March 31, 1946, total number of Canadian merchant seamen reported dead or missing (including 390 from allied ships - i.e. British, Belgian, United States, Swedish, Panamanian, Greek, Netherlands, Latvian, French and Yugoslavian) was 1,064.

Canada's merchant navy personnel on foreign-going merchant shipping increased from a pre-war strength of 1,460 to approximately 10,000 during the war.

P R O D U C T I O N

TABLE 30

NET VALUE OF PRODUCTION *

(Dollars in Millions)

	1939	1940	1941	1942	1943
Primary:					
Agriculture	722.3	774.0	803.2	1,351.6	1,245.8
Forestry (1)	234.5	326.4	379.8	382.1	398.8
Fisheries (2)	34.4	38.1	51.8	64.8	74.7
Trapping (3)	7.9	11.2	15.1	23.8	21.6
Mining	393.2	448.1	497.9	514.1	475.5
Electric power	149.9	163.8	183.1	200.3	200.8
Total primary	1,542.2	1,761.6	1,931.0	2,536.8	2,417.3
Secondary:					
Construction	183.7	206.9	269.6	310.9	293.5
Custom and repair	108.8	111.6	130.8	141.4	145.0
Manufactures (4)	1,531.1	1,942.5	2,605.1	3,310.0	3,816.4
Total secondary (5)	1,823.6	2,261.0	3,005.5	3,762.3	4,254.9
Less duplication	253.8	350.8	410.3	426.2	410.7
Grand total	3,112.0	3,671.8	4,526.1	5,872.9	6,261.5

* Discrepancies between these figures and those appearing in the Recapitulation Issue of CANADA AT WAR are due to a new basis of computation recently adopted by the Dominion Bureau of Statistics.

- (1) Excludes forest products originating on the farm, whether used or sold by the farmer.
- (2) The difference between the marketed value of fish and the net value of production is the cost of salt, containers and other materials used by canning and curing plants.
- (3) Value of wild furs only--fur farm figures included in agriculture.
- (4) Includes sawmills, pulp and paper mills, fish processing and certain mineral industries, which are also included in other headings above. This duplication is eliminated from the grand total.
- (5) Includes duplication mentioned in footnote 4.

FIGURES FOR 1944 NOT YET AVAILABLE.

TABLE 31

PRODUCTION OF PRINCIPAL AGRICULTURAL COMMODITIES
(Units in Millions)

Commodity	Unit	Average						
		1935-39	1940	1941	1942	1943	1944	1945
<u>Grain and Forage Crops</u>								(revised)
Wheat	bu.	312.4	540.2	314.8	556.7	283.7	416.6	305.9
Oats	"	338.1	380.5	305.6	652.0	482.0	499.6	381.6
Barley	"	88.9	104.3	110.6	259.2	215.6	194.7	157.8
Mixed grains	"	38.5	43.1	48.7	68.6	35.7	57.4	46.9
Hay and clover	tons	13.6	14.1	12.6	16.1	17.2	15.1	17.7
Alfalfa	"	2.1	2.6	2.7	3.7	3.9	3.7	3.9
<u>Dairy Products</u>								
Milk (total)	lb.	15,282.1	15,999.3	16,549.9	17,488.6	17,519.1	17,622.7	17,618.8
Creamery butter	"	254.8	264.7	285.8	284.6	311.7	298.8	293.5
Factory cheese	"	119.9	145.3	151.9	207.4	166.3	181.9	186.2
Evaporated milk	"	90.8	135.9	166.0	185.8	178.4	183.6	201.6
Condensed milk	"	13.4	14.4	24.6	23.1	26.9	31.5	29.1
Whole & skim milk powder	"	26.1	33.8	34.8	37.8	37.4	46.7	50.2
<u>Meats (1)</u>								
Pork	"	625.1	865.4	1,060.8	1,189.1	1,395.7	1,504.6	1,106.6 (5)
Beef	"	703.7	717.5	812.1	822.5	893.0	961.0	1,073.1 (5)
Veal	"	122.2	130.0	134.1	123.6	118.5	126.1	148.3 (5)
Mutton & lamb	"	61.6	52.6	58.6	56.7	62.2	63.5	70.5 (5)
<u>Eggs and Poultry</u>								
Eggs	doz.	219.5	235.5	244.5	280.7	315.6	360.9	370.7 (5)
Poultry meat	lb.	(2)	219.1	220.0	258.7	265.3	315.2	311.3 (5)
<u>Fresh Fruits</u>								
Tree fruits	bu.	16.7	15.4	14.0	16.6	14.7	21.4	10.3
Berries	qt.	36.5	43.0	34.8	29.1	27.7	23.4	30.8
Grapes	lb.	42.8	52.7	47.2	74.9	53.8	60.9	66.3
<u>Fresh Vegetables</u>								
Potatoes	lb.	3,863.2	4,230.0	3,905.2	4,288.2	4,354.1	4,940.9	3,598.6
Tomatoes	"	500.0	516.9	719.7	557.8	460.7	815.9	575.9
Other vegetables	"	1,060.0	1,017.1	1,052.1	1,508.3	1,129.0	1,192.3	1,136.1
<u>Oilseed Crops</u>								
Flaxseed	bu.	1.5	3.0	5.8	15.0	17.9	9.7	7.6
Other oilseed crops	"	(2)	.2(3)	.2(3)	.9(3)	0.9(4)	1.1	1.2
<u>Seed Crops</u>								
Tobacco	lb.	28.4	24.8	37.8	40.6	52.0	57.7	52.9
Sugar beets	tons	.5	.8	.7	.7	.5	.6	.6
Maple products	gal.	2.7	3.1	2.3	3.3	2.3	3.1	1.5
Honey	lb.	35.7	28.2	33.2	28.0	39.5	35.0	30.7
Wool	"	16.0	14.9	15.3	16.5	17.8	19.3	19.6

(1) Estimated dressed carcass weight of animals slaughtered in Canada, plus estimated dressed weight of animals exported alive.

(2) Not available.

(3) Soybeans in Ontario only.

(4) Includes soybeans, rapeseed and sunflower seed.

(5) Subject to revision.

Table 32

LIVESTOCK POPULATION AS AT JUNE 1
(In Thousands)

	Average 1935-39	1940	1941	1942	1943	(revised) 1944	1945
Total cattle	8,716	8,380	8,517	8,945	9,665	10,346	10,759
Milk cows	3,780	3,650	3,624	3,681	3,795	3,930	3,998
Horses	2,833	2,780	2,789	2,816	2,775	2,735	2,585
Sheep and lambs	3,083	2,887	2,840	3,197	3,459	3,726	3,622
Swine	3,939	6,002	6,081	7,125	8,149	7,741	6,026
Hens and chickens	54,542	57,014	58,995	68,106	74,961	86,792	84,725
Turkeys	2,532	3,002	3,205	3,541	2,956	3,380	3,326

Table 33

ACREAGE OF FIELD CROPS
(In Thousands)

COMMODITY

	Average 1935-39	1940	1941	1942	1943	(revised) 1944	1945
Wheat	25,595	28,726	21,882	21,587	16,850	23,284	23,414
Oats	13,247	12,298	12,266	13,782	15,407	14,315	14,393
Barley	4,291	4,342	5,304	6,973	8,397	7,291	7,350
Rye	816	1,035	960	1,338	576	648	487
Mixed grains	1,166	1,220	1,553	1,681	1,463	1,518	1,453
Hay and clover	8,766	8,811	9,559	9,707	9,816	10,120	10,219
Alfalfa hay	854	1,032	1,270	1,440	1,544	1,521	1,587
Potatoes	516	545	507	506	533	535	508
Other field crops	2,783	2,888	3,487	3,796	5,121	3,442	3,359
Summerfallow	15,682	17,326	23,111	19,979	20,637	19,783	19,859

Table 34

SUBSIDIES PAID ON AGRICULTURAL PRODUCTS
BY THE FEDERAL GOVERNMENT

(Dollars in Thousands)

	1939	1940	1941	1942	1943	1944	1945
Fluid milk.....				3,846.1	4,968.5	12,818.4	12,671.8
Butterfat.....				7,000.9	15,724.9	24,165.9	23,688.9
Concentrated milk					465.0	2,078.4	1,882.1
Milk - cheddar							
cheese.....					800.3	4,330.0	4,269.7
Cheese - bonus on							
quality.....	597.9	1,054.5	1,404.9	1,730.9	1,335.9	1,591.7	1,663.5
Cheese factory							
improvement....	46.3	81.0	181.5	203.7	73.1	87.9	5.8
Cheese export							
subsidy.....			1,950.0				
Hog premiums.....						14,069.2	10,737.1
Fertilizer sub-							
ventions.....				975.3	800.7	412.7	417.0
Lime subsidy.....					38.7	271.9	229.7
Food freight							
assistance.....			2,059.2	9,832.0	15,940.9	14,565.6	16,423.6(1)
Alfalfa meal.....					37.8	52.3	6.3
Feed wheat draw-							
back.....				333.7	2,233.5	7,700.6	6,625.1(1)
Food assistance:							
Plan A.....						521.5	941.0
Plan B.....					1,217.5	362.1	1.2
Wheat acreage							
reduction.....			22,411.6	22,788.0	31,015.2	8,979.7	822.4
Prairie farm							
assistance.....		16,958.5	1,125.5	14,332.9	495.0	9,456.9	5,616.7
Prairie farm							
income.....			864.1	18,033.3	83.9	1.3	.5
Canning crops....				808.4	955.7	2,549.0	2,115.4
Berries for jam..				42.2	359.0	473.3	684.4
Wool (2).....					153.2	64.5	88.6
Egg export							
subsidy.....			7.5	918.2			
Sugar beet pulp..					25.8		
Apples.....	2,354.8	1,879.8	1,720.0	2,257.6			
Freight assist-							
ance on Alfalfa							
seed.....						10.9	19.9
White and yellow							
eye beans.....							405.4
Totals.....	2,999.0	19,973.8	31,814.3	83,103.2	76,834.6	104,563.8	89,305.2

(1) Preliminary, subject to revision.

(2) Partial payment.

The department of Agriculture was responsible for the payment of subsidies on fluid milk, butterfat, concentrated milk, milk for cheddar cheese, canning crops and berries in 1943 and 1944. Prior to March, 1943, the Wartime Prices and Trade Board paid subsidies to farmers on the production of fluid milk, butterfat, canning crops and berries. These payments are shown in the above table.

TABLE 35

PRODUCTION OF PRINCIPAL FISHERIES PRODUCTS

(Units and Dollars in Millions)

		1939	1940	1941	1942	1943	1944
Salmon							
Landed	lbs.	150.1	145.8	193.8	164.7	124.2	109.9
Marketed value *	\$	13.4	14.2	21.5	22.9	15.6	16.4
Cod							
Landed	lbs.	163.6	193.3	195.7	194.2	215.4	236.0
Marketed value	\$	3.2	5.0	7.5	10.0	13.1	14.8
Herring							
Landed	lbs.	330.3	468.6	278.5	362.0	322.7	319.9
Marketed value	\$	3.5	6.3	6.7	10.9	12.0	11.0
Lobsters							
Landed	lbs.	31.5	26.8	27.8	28.0	30.1	33.4
Marketed value	\$	3.8	3.2	3.9	5.1	8.2	9.0
Whitefish							
Landed	lbs.	16.5	16.8	17.9	16.7	16.8	17.7
Marketed value	\$	1.7	1.9	2.5	3.1	3.6	3.5
Halibut							
Landed	lbs.	18.5	14.8	15.0	12.2	13.9	14.6
Marketed value	\$	2.1	1.9	2.4	2.5	3.1	3.3
Sardines							
Landed	lbs.	63.4	44.9	88.7	64.1	79.3	82.6
Marketed value	\$	2.3	1.9	2.8	2.1	3.0	3.4
Total fish marketed	\$	40.1	45.1	62.3	75.1	85.6	89.4

* Marketed value includes all processes such as canning, etc.

PRODUCTION OF PRINCIPAL FOREST PRODUCTS
(Dollars in Millions)

	Average 1935-39	1940	1941	1942	1943	1944
Primary Products						
Logs and Bolts (bd.ft. in millions) \$	4,141 49.1	5,904 71.8	5,781 86.5	5,353 92.9	4,810 99.9	
Pulpwood (cords in thousands) \$	6,947 53.0	8,500 74.3	9,545 88.2	9,653 103.6	8,801 110.8	not yet available
Fuelwood (cords in thousands) \$	8,950 32.5	9,172 33.3	8,612 26.7	8,720 27.3	9,210 45.2	
Other (cu.ft. in millions) \$	156 9.4	186 15.1	153 11.8	118 10.6	122 12.8	
TOTALS \$	<u>144.0</u>	<u>194.5</u>	<u>213.2</u>	<u>234.4</u>	<u>268.7</u>	
SAWN LUMBER (Board feet in-millions)						
Spruce & Balsam fir \$	1,064 19.0	1,557 35.1	1,947 50.1	1,759 52.4	1,629 57.9	1,685 64.8
Douglas fir \$	1,388 24.7	1,692 35.2	1,525 36.0	1,534 42.1	1,234 38.1	1,140 38.0
Other softwoods \$	938 19.3	1,090 28.2	1,151 33.3	1,232 39.8	1,129 40.5	1,272 48.9
Hardwoods \$	236 5.7	290 7.5	318 9.9	404 15.0	371 15.3	420 18.7
TOTALS \$	<u>3,626 68.7</u>	<u>4,629 106.0</u>	<u>4,941 129.3</u>	<u>4,929 149.3</u>	<u>4,363 151.8</u>	<u>4,517 170.4</u>
WOOD PULP (Tons in thousands)						
Mechanical \$	2,784 39.7	3,305 55.5	3,495 61.3	3,260 64.8	2,999 63.4	3,076 71.7
Chemical \$	1,383 54.3	1,880 92.6	2,122 113.1	2,246 126.2	2,188 130.0	2,109 138.1
Screenings \$	98 .7	105 .9	104 1.0	100 1.1	86 1.0	86 1.2
TOTALS \$	<u>4,265 94.7</u>	<u>5,290 149.0</u>	<u>5,721 175.4</u>	<u>5,606 192.1</u>	<u>5,273 194.4</u>	<u>5,271 211.0</u>
PAPER (Tons in thousands)						
Newsprint \$	2,972 109.6	3,504 158.4	3,520 158.9	3,257 147.1	3,046 154.3	3,040 165.7
Paper Board \$	375 19.0	500 31.1	652 40.4	609 38.6	568 37.5	588 39.1
Other \$	230 25.5	315 36.3	358 42.2	365 44.6	352 43.6	416 50.8
TOTALS \$	<u>3,577 154.1</u>	<u>4,319 225.8</u>	<u>4,530 241.5</u>	<u>4,231 230.3</u>	<u>3,966 235.4</u>	<u>4,044 255.6</u>

Table 38

ELECTRIC POWER PRODUCTION (Kilowatt Hours in Millions)		1939	1940	1941	1942	1943	1944	1945	% change 1939 to 1945
Production of primary power		19,405	22,521	27,723	32,506	35,719	35,151	31,913	+ 65
Production of secondary power		7,034	5,423	3,381	2,239	2,114	2,743	5,557	- 21
Export of power to United States		<u>1,913</u>	<u>2,136</u>	<u>2,360</u>	<u>2,454</u>	<u>2,545</u>	<u>2,572</u>	<u>2,631</u>	+ 38
Total production		28,352	30,080	33,464	37,199	40,378	40,466	40,101	+ 43

Table 39

ELECTRIC POWER CONSUMPTION (Kilowatt Hours in Millions)		1939	1940	1941	1942	1943	1944	Change from 1939 to 1944
Electric Power used by:								
Non-ferrous smelting and refining		3,250	3,493	5,942	8,548	11,280	10,686	+ 228%
Pulp and paper		9,959	11,085	9,208	8,696	8,039	8,169	- 18%
Primary iron and steel		223	529	1,493	1,769	2,018	1,605	+ 719%

IMPORTS, PRODUCTION AND EXPORTS OF COAL
(Short tons)

Table 40

	1939	1940	1941	1942	1943	1944	1945
Imports of anthracite coal into Canada	3,977,805	3,964,862	3,940,859	4,802,023	4,458,519	4,413,227	3,411,424
Imports of bituminous coal into Canada	9,903,613	13,578,705	17,867,068	20,807,005	24,393,798	24,513,527	21,176,811
Imports of lignite coal into Canada	3,398	2,493	934	239	337	171	467
Imports of briquette coal into Canada .....	...	...	...	...	...	...	142,435
Totals	13,884,816	17,546,060	21,808,861	25,609,267	28,852,654	28,926,925	24,731,137
Production of coal in Canada	15,692,698	17,566,884	18,225,921	18,865,030	17,859,057	17,118,008	16,692,465 *
Exports of coal from Canada	368,204	498,077	524,859	805,717	1,101,514	999,407	823,710
Bituminous	7,999	6,821	6,590	9,868	8,587	10,833	16,998
Lignite	376,203	504,898	531,449	815,585	1,110,101	1,010,240	840,708
Totals							

* Subject to revision.

TABLE 41

COAL CONSUMPTION
(Net Tons in Thousands)

	<u>1939</u>	<u>1940</u>	<u>1941</u>	<u>1942</u>	<u>1943</u>	<u>1944</u>	<u>1945</u>
Industrial..... consumption *	19,290	21,727	24,933	27,521	29,822	30,320	29,830
Armed forces consumption	(not available)	250	900	1,243	1,705	1,500	1,060
Household..... consumption	9,398	10,606	11,322	13,017	13,938	12,094	12,386
Totals .....	.....	32,583	36,255	41,781	45,465	43,914	43,276

* includes railways, coke and gas industry and bunkering.

TABLE 42

OIL PRODUCTION
(Barrels in Thousands)

<u>1939</u>	<u>1940</u>	<u>1941</u>	<u>1942</u>	<u>1943</u>	<u>1944</u>	<u>1945</u>
7,826	8,591	10,134	10,353	10,052	10,099	8,550

TABLE 43

NATURAL GAS PRODUCTION
(Cubic Feet in Millions)

<u>1939</u>	<u>1940</u>	<u>1941</u>	<u>1942</u>	<u>1943</u>	<u>1944</u>	<u>1945</u>
35,185	41,232	43,495	45,697	44,198	45,067	50,794

TABLE 44

MANUFACTURED GAS PRODUCTION
(Cubic Feet in Millions)

<u>1939</u>	<u>1940</u>	<u>1941</u>	<u>1942</u>	<u>1943</u>	<u>1944</u>	<u>1945</u>
41,633	55,113	57,729	68,839	74,731	82,338	(not available)

Table 45

VALUE OF MINERAL PRODUCTION BY CLASSES
(Dollars in Millions)

	1939	1940	1941	1942	1943	1944	1945
Metallics	343.5	382.5	395.3	392.2	356.8	308.3	299.0
Coal, natural gas, peat and crude petroleum	70.7	78.8	85.1	92.2	92.5	97.3	95.5
Other non-metallics	25.1	26.0	34.4	36.7	38.7	37.2	38.3
Clay products and other structural materials	<u>35.3</u>	<u>42.5</u>	<u>45.4</u>	<u>45.7</u>	<u>42.0</u>	<u>46.8</u>	<u>46.8</u>
TOTAL	474.6	529.8	560.2	566.8	530.0	489.6	479.6

Table 49

PRODUCTION OF SELECTED PRIMARY METALS
(Short Tons in Thousands)

	1939	1940	1941	1942	1943	1944	1945
<u>Aluminum</u>	82	109	214	341	496	462	215
<u>Copper</u>							
Total primary production	304	328	332	302	288	273	238
Refined	232	262	278	268	251	256	227
<u>Lead</u>							
Total production	194	236	230	256	222	152	173
Refined	190	220	228	243	221	142	163
<u>Nickel</u>							
Total production	113	123	141	143	144	137	122
<u>Zinc</u>							
Total production	197	212	256	290	305	275	255
Refined	176	186	214	216	207	168	122

Table 52

RUBBER
(In Long Tons)

	1939	1940	1941	1942	1943	1944	1945	Total
Production, synthetic	.....	.....	.....	.....	2,554	34,831	45,717	83,102
Consumption (natural)	32,249	37,952	55,607	43,200	29,199	9,603	5,891	213,701
(synthetic)	26	43	81	100	3,705	24,755	35,980	64,690
(reclaimed)	7,517	8,438	9,462	13,015	13,993	12,623	15,313	80,361

Table 50

IRON AND STEEL PRODUCTION

	Pig Iron	Steel Ingots and Castings	Ferro Alloys
	(Long Tons)	(Short Tons)	(Short Tons)
1939.....	755,731	1,551,054	85,540
1940.....	1,168,894	2,255,872	151,661
1941.....	1,371,176	2,701,315	213,219
1942.....	1,773,337	3,121,361	213,636
1943.....	1,580,050	2,996,978	218,687
1944.....	1,654,132	3,024,410	182,428
1945.....	1,587,462	2,881,323	186,978

Table 51

MANUFACTURES BY INDUSTRIAL GROUPS
(Net Value in Dollars in Millions)

	1939	1940	1941	1942	1943
Vegetable products.....	292.1	295.6	349.9	397.0	410.3
Animal products.....	122.8	141.2	165.4	203.2	211.1
Textiles and textile products.....	181.9	240.3	290.1	341.5	334.2
Wood and paper products.....	303.7	396.9	464.0	488.4	508.8
Iron and its products.....	275.8	429.5	735.5	1,084.4	1,396.8
Non-ferrous metal products.....	155.8	210.4	288.8	355.0	369.0
Non-metallic mineral products.....	85.5	97.7	117.4	141.2	146.5
Chemicals and allied products.....	89.0	104.1	157.3	252.4	379.5
Miscellaneous industries.....	24.4	26.8	36.7	46.9	60.2
Total.....	1,631.1	1,942.5	2,605.1	3,310.0	3,816.4

Figures for 1944 not yet available.

■ The net value of production is computed by subtracting the cost of fuel and electricity as well as the cost of materials from the gross value of the products.

W A R P R O D U C T I O N

Table 53

ESTIMATED VALUE OF WAR PRODUCTION

(Dollars in Millions)

	<u>1939-40</u>	<u>1941</u>	<u>1942</u>	<u>1943</u>	<u>1944</u>	<u>1945</u>	<u>TOTAL</u>
Merchant Vessels	-	29	183	232	170	118	732
Naval Vessels (Including repair)	27	73	73	164	204	133	674
Aircraft (Including overhaul & repair)	45	110	232	361	403	223	11,374
Mechanical transport	119	198	368	435	462	236	1,818
Armored fighting vehicles	-	21	155	203	146	84	609
Guns and small arms	1	20	162	213	156	50	602
Gun ammunition	14	95	218	193	135	135	790
Small arms ammunition	2	16	39	84	98	31	270
Chemicals, explosives and filling	2	54	136	151	149	24	516
Instruments and signals	3	15	82	164	215	116	595
Miscellaneous military stores (clothing, food, fuel, etc.)	97	181	412	521	454	290	1,955
Totals	310	812	2,060	2,721	2,592	1,440	9,935
Defence construction	94	138	219	194	100	32	777
Government-financed plant expansion	103	221	185	200	57	23	789
GRAND TOTALS	507	1,171	2,464	3,115	2,749	1,495	11,501
Deliveries on orders placed abroad (excluded from above totals)	69	117	126	329	241	90	972

NOTE: The above figures cover only war production and construction on contracts placed by the Department of Munitions and Supply. Deliveries of war exports placed through other government and private agencies are excluded.

WAR PRODUCTION

	1940 (1)	1941	1942	1943	1944	1945	TOTAL
Number accepted:							
Service planes	147	668	862	898	2,364	1,394	6,333
Advanced trainers	54	333	2,328	1,926	1,430	319	6,390
Elementary trainers	703	698	592	1,309	384	0	3,686
Totals	904	1,699	3,782	4,133	4,178	1,713	16,409
Total weight in pounds, without engines ...	1,740,000	4,358,000	17,578,000	20,088,000	27,892,000		71,656,000
Mechanical transport	70,000	119,000	198,000	173,000	147,000	87,756	794,765
Trailers .....	...	...	1,599	1,626	6,327	5,098	14,650
Trucks (total including military and civilian) ...	5,743,801	3,778,127	1,916,924	1,598,333	2,616,745		15,653,930
VEHICLES							
Trucks and self-propelled mounts .....	...	100	2,044	1,926	1,737	783	6,590
Tractors and others--tracked .....	...	2,927	8,783	10,487	8,968	3,246	34,411
Tracked vehicles .....	...	...	2,160	3,075	3,503	1,315	10,053
Totals .....	...	3,027	12,987	15,488	14,208	5,344	51,054
Barrels and forgings	200	6,100	21,100	38,500	16,100	9,797	91,797
Carriages, mountings, etc .....	...	300	13,500	10,200	3,200	2,124	29,324
Including:							
3-inch naval guns (including barrels) .....	...	...	107	805	701	136	1,749
5-inch naval mountings .....	...	...	68	657	468	147	1,340
80-pounder equipment (standard and self propelled) .....	...	122	859	1,269	1,191	340	3,781
100 mm. Bofors equipment .....	...	5	1,528	1,880	869	70	4,352
120 mm. barrels and forgings	154	3,688	8,580	23,517	8,279	8,107	52,325
160 mm. anti-aircraft equipment .....	...	...	452	1,114	169	...	1,735
75 mm. anti-aircraft barrels .....	...	1,037	2,252	1,380	638	...	5,307

(Continued next page)

	1940	1941	1942	1943	1944	1945	TOTAL
ARMS	1,400	25,700	330,000	584,500	531,200	354,960	1,830,760
Including:							
Bren M. gun	1,391	15,977	45,095	74,663	32,537	17,139	186,802
Sten M. carbine	...	...	15,868	57,966	36,827	9,416	120,077
.303-inch rifles	...	6,847	193,655	331,038	273,364	96,228	901,132
20 mm. mountings	...	...	64	2,348	10,555	184	13,151
2-inch and 3-inch trench mortar and bomb thrower	...	550	17,521	27,665	22,519	5,405	73,660
Browning M. gun	...	1,863	31,937	23,980	...	...	57,780
Anti-tank rifles	...	...	20,365	30,246	...	...	50,611
Pistols, 9 mm	...	...	...	...	71,995	...	71,995
MUNITION							
Complete rounds, filled	...	1,200,000	28,000,000	30,000,000	30,000,000	22,375	89,222,375
Empty cartridges for export (2)	958,000	4,455,000	15,025,000	18,323,000	14,654,000	3,919	54,418,919
Empty shells for export (2)	...	3,000	1,356,750	887,400	558,300	1,171	2,806,612
ARMS AMMUNITION (millions of rounds)	...	385	1,175	1,490	1,180	406	4,636
ARMS AND EXPLOSIVES (net output in short tons)	13,500	145,000	430,000	500,000	675,000	418,000	2,181,500
LOADING							
Largo vessels--number	...	1	81	150	113	46	391
tonnage	...	10,350	838,350	1,478,000	1,066,000	396,000	3,788,700
aval escort vessels	14	101	116	100	123	32	486
other vessels and special purpose craft	2	22	35	655	2,168	660	3,542

cludes last four months of 1939. In addition, cartridge cases and other ammunition components have been produced and filled for export as components.

Table 55

SHIPBUILDING

	1940*	1941	1942	1943	1944	1945	Total
CARGO VESSELS							
10,000-tonners							
North Sands	.....	1	81	100	18	0	200
Victory	.....	.....	.....	33	48	0	81
Victory tankers	.....	.....	.....	4	8	0	12
Victory stores issuing ships	.....	.....	.....	.....	8	4	12
Canadian	.....	.....	.....	.....	13	15	28
Maintenance Vessels	.....	.....	.....	.....	.....	15	15
Totals	.....	1	81	137	95	34	348
4,700-tonners							
Grey type	.....	.....	.....	13	14	0	27
Revised type	.....	.....	.....	.....	4	6	10
Dominion type	.....	.....	.....	.....	.....	6	6
Totals	.....	.....	.....	13	18	12	43
Tonnage	.....	10,350	838,350	1,478,000	1,066,000	..	3,392,700
NAVAL ESCORT VESSELS							
Frigates	.....	.....	2	24	44	0	70
Corvettes (single screw)	14	54	15	21	18	0	122
Algerines	.....	.....	.....	15	28	19	62
Fairmiles	.....	16	43	18	11	0	88
Wooden minesweepers	.....	.....	13	20	22	13	68
Bangor minesweepers	.....	30	20	.....	.....	0	50
Diesel minesweepers	.....	1	9	.....	.....	0	10
Western Isle minesweepers	.....	.....	14	2	.....	0	16
Totals	14	101	116	100	123	32	486
OTHER VESSELS AND SPECIAL PURPOSE CRAFT							
	2	22	35	655	2,168	660	3,542

* - Includes last four months of 1939

Table 57

TOTAL PRODUCTION OF MISCELLANEOUS VESSELS
AND SPECIAL PURPOSE CRAFT

 (To December 31, 1945)

Motor torpedo boats	24
Ramped cargo lighters M.L.C.	1,662
Steel derrick scow, 25-ton	5
Railway barges	2
Base supply ships	2
Minca wooden barges	1,331
Tugs, steel, 60'	195
Tugs, diesel, 1,000 H.P.	8
Tugs, wooden 65' and 80'	22
Tugs, 80' steel derrick, diesel	16
Scow, wooden 90'	17
Auxiliary tankers, 168'	2
Scow, wooden derrick 25-ton	1
Wooden gate vessels, 100'	5
Transport and salvage vessels, 147'	2
Supply and salvage vessels, 114'	3
Tugs, modified Warrior	13
Tankers, 3600 ton	6
Divers tenders	5
Storing tenders	26
75 - foot passenger craft	5
Nesting barges	190
	<hr style="width: 50%; margin: auto;"/>
	3,542
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T R A N S P O R T A T I O N

REVENUE FREIGHT CARRIED BY STEAM RAILWAYS
(Tons in Millions)

Table 58

	1939	1940	1941	1942	1943	1944	1945	Percentage increase 1945 over 1939
Agricultural products--								
Wheat.....	11.1	10.5	14.9	11.5	13.4	19.2	18.9	
Other products.....	9.2	9.3	10.8	12.6	17.6	18.1	18.9	
Totals.....	20.3	19.8	25.7	24.1	31.0	37.3	37.8	86%
Animal products.....	2.3	2.4	2.7	3.2	3.5	3.9	3.7	70%
Mine products--								
Coal.....	15.9	17.6	19.7	23.5	24.8	22.9	21.0	
Other products.....	15.4	19.2	21.7	25.6	29.5	24.3	22.5	
Totals.....	31.3	36.8	41.4	49.1	54.3	47.2	43.5	39%
Forest products.....	8.4	10.9	12.5	13.7	13.4	14.3	14.6	74%
Manufactures and miscellaneous.....	22.3	28.0	34.5	44.6	51.1	52.1	47.3	112%
Grand totals.....	84.6	97.9	116.8	134.7	153.3	154.8	146.9	74%

Table 59

FREIGHT MILEAGE

	1939	1940	1941	1942	1943	1944	1945(1)	Percent increase 1945 over 1939
Revenue ton miles (in millions).....	31.5	37.9	50.0	56.2	63.9	65.9	63.4	101%
Gross ton miles (2) (in millions).....	79.4	93.6	119.2	128.4	139.8	145.7	141.0	78%
Average haul of revenue freight.....	372	387	428	417	417	424	430	16%
Gross ton miles per freight train mile.....	1,520	1,575	1,637	1,666	1,716	1,744	1,754	15%

(1) Estimated from monthly reports.

(2) Weight of cars and contents in short tons -- revenue and non-revenue freight exclusive of locomotive and tender.

Table 60

PASSENGERS CARRIED BY STEAM RAILWAYS

	1939	1940	1941	1942	1943	1944	1945*	Percent change 1945, over 1939
Passengers carried (millions).....	20.5	22.0	29.8	47.6	57.2	60.3	53.0	+ 15%
Passenger miles (millions).....	1,752	2,176.5	3,205.5	4,989.3	6,525.1	6,873	6,400	+ 265%
Average number of passengers per train mile...	48	58	80	115	143	148	136	+ 183%
Average number of passengers per passenger car mile.....	11	13	16	21	24	24	22	+ 100%
Average passenger revenue per passenger mile (cents).....	2.06	1.96	1.86	1.83	1.90	1.92	1.96	- 5%

* Estimated from monthly reports.

Table 61

CANAL TRAFFIC
(tons in millions)

	1939	1940	1941	1942	1943	1944	1945	1945 % change from 1939
St. Lawrence canal:	8.3	7.5	6.9	6.2	6.1	5.9	6.9	- 17%
Welland Ship Canal	11.7	12.9	13.2	11.1	10.1	11.3	13.0	+ 11%

Table 62

PASSENGER, FREIGHT AND MAIL CARRIED
BY CIVIL AIRCRAFT IN CANADA
(in thousands)

	1939	1940	1941	1942	1943	1944	1945	Percent change 1939 to 1945
Revenue passengers carried	133.8	135.8	181.2	198.2	282.9	386.7	485.9	+ 263%
Revenue freight car- ried (tons)	10.6	6.5	7.4	5.5	5.8	5.4	6.2	- 42%
Mail carried (tons)	1	1.4	1.7	2.7	3.8	3.4	3.1	+ 210%

TABLE 63

MILEAGE OF PASSENGER, FREIGHT AND MAIL CARRIED
BY CIVIL AIRCRAFT
(In Millions)

	1939	1940	1941	1942	1943	1944	1945	per cent increase 1945 over 1939
Revenue passenger miles	21.84	38.44	53.89	70.55	100.53	111.04	142.	550%
Revenue freight ton miles	1.04	.79	.96	1.13	1.50	1.40	1.30	25%
Mail ton miles	.43	.61	.90	1.48	2.10	2.07	1.865	334%

TABLE 65

FOREIGN FREIGHT TONNAGE LOADED
AND UNLOADED AT CANADIAN OCEAN PORTS
(Tons in Millions)

	Fiscal Years			Calendar Years			
	1938-39	1939-40	1940-41	1941	1942	1943	1944
Freight loaded for foreign countries	17.3	16.7	14.3	12.2	9.2	9.4	11.5
Freight unloaded from foreign countries	10.4	11.1	11.5	11.6	8.0	8.2	8.1

TABLE 66

TRAFFIC AND VOLUME OF CARGO
HANDLED AT NATIONAL HARBOURS

	1939	1940	1941	1942	1943	1944	1945
	(Sept. - Dec.)		(Tons in Millions)				
Net registered tonnage of shipping:							
Inward	12.2	36.7	38.6	32.7	27.4	27.0	not yet
Outward	12.1	36.3	38.7	33.2	27.8	27.1	available.
Total cargo tonnage inward and outward	11.4	30.0	29.9	22.1	22.9	25.3	

T R A D E

Table 67

EXPORTS TO PRINCIPAL DESTINATIONS
(Domestic-Excluding Gold)
(Dollars in Millions)

	1939	1940	1941	1942	1943	1944	1945
United Kingdom	328.1	508.1	658.2	741.7	1,032.6	1,235.0	963.2
Other Europe	57.9	28.7	11.6	53.2	93.5	322.8	405.9
United States	380.4	443.0	599.7	885.5	1,149.2	1,301.3	1,197.0
Other North America	28.7	41.4	77.6	95.9	91.3	107.7	108.6
South America	16.2	21.0	29.8	19.8	19.8	25.9	47.6
Asia	44.8	35.7	69.6	202.1	179.9	212.1	336.7
Australasia	48.2	35.2	49.1	110.6	78.1	58.1	55.7
Africa	22.7	55.9	125.4	254.9	327.1	177.0	103.6
TOTALS	924.9	1,179.0	1,621.0	2,363.7	2,971.5	3,439.9	3,218.3

Table 68

EXPORTS BY MAIN GROUPS
(Domestic-Excluding Gold)
(Dollars in Millions)

	1939	1940	1941	1942	1943	1944	1945
Agricultural & vegetable products	220.1	218.3	285.7	257.8	483.8	741.3	819.4
Animal & animal products	131.8	164.7	201.7	256.7	289.6	372.9	398.1
Fibres, textiles & textile products	14.4	21.6	30.8	28.9	30.6	59.7	56.9
Wood, wood products & paper	242.5	348.0	387.1	389.8	391.1	440.9	488.0
Iron and products	63.1	127.7	239.9	467.1	716.6	772.9	555.1
Non-ferrous metals & products	182.9	194.7	244.0	308.9	332.7	339.9	352.5
Non-metallic minerals & products	29.3	33.8	45.2	56.6	62.2	58.4	59.6
Chemicals & allied products	24.3	31.2	58.7	77.3	86.4	100.7	111.3
Miscellaneous commodities	16.5	39.0	127.9	520.6	578.5	553.2	377.4
TOTALS	924.9	1,179.0	1,621.0	2,363.7	2,971.5	3,439.9	3,218.3

Table 69

EXPORTS OF AGRICULTURAL AND VEGETABLE PRODUCTS
TO PRINCIPAL DESTINATIONS
(Dollars in Millions)

	1939	1940	1941	1942	1943	1944	1945
United Kingdom	94.2	121.0	165.4	111.2	147.8	159.5	237.0
Other Europe	23.8	9.0	3.1	13.1	16.7	57.4	154.0
United States	79.5	64.5	75.0	79.2	264.4	454.3	279.0
Other North America	9.3	12.2	18.7	20.7	25.5	30.2	35.2
South America	4.8	4.4	4.3	2.9	2.6	4.4	9.3
Asia	4.1	3.3	8.3	4.8	4.3	4.2	49.7
Australasia	2.1	1.2	2.2	0.7	0.5	1.4	9.8
Africa	2.3	2.7	8.7	25.2	22.0	29.9	45.4
Totals	220.1	218.3	285.7	257.8	483.8	741.3	819.4

Table 70

EXPORTS OF ANIMALS AND ANIMAL PRODUCTS
TO PRINCIPAL DESTINATIONS
(Dollars in Millions)

	1939	1940	1941	1942	1943	1944	1945
United Kingdom	73.6	102.6	115.0	158.6	185.3	249.5	226.9
Other Europe	2.9	0.7	0.6	0.7	0.3	3.8	25.8
United States	44.1	48.7	64.7	71.9	77.3	88.3	103.7
Other North America	5.2	6.6	12.6	17.1	18.0	22.9	23.4
South America	1.1	1.2	2.0	2.3	2.3	2.4	3.0
Asia	1.2	1.0	2.5	1.5	2.1	3.0	10.1
Australasia	2.7	2.8	1.2	0.4	0.8	0.5	1.1
Africa	1.0	1.1	3.1	4.2	3.5	2.5	4.0
Totals	131.8	164.7	201.7	256.7	289.6	372.9	398.0

TABLE 71

EXPORTS OF FIBRES, TEXTILES AND TEXTILE PRODUCTS
TO PRINCIPAL DESTINATIONS
(Dollars in Millions)

	1939	1940	1941	1942	1943	1944	1945
United Kingdom	3.5	6.1	3.2	2.1	5.3	12.1	14.5
Other Europe	0.5	0.2	0.2	0.7	0.8	4.1	7.0
United States	2.3	2.9	6.5	9.6	6.9	9.7	10.2
Other North America	1.5	2.9	5.2	6.7	6.2	6.8	7.4
South America	0.2	0.4	1.2	1.4	1.0	0.8	1.2
Asia	0.5	1.3	1.6	0.2	0.2	8.2	6.3
Australasia	2.7	3.1	5.4	5.4	4.8	2.6	3.5
Africa	3.2	4.7	7.5	2.8	5.4	15.4	6.8
Totals	14.4	21.6	30.8	28.9	30.6	59.7	56.9

TABLE 72

EXPORTS OF WOOD, WOOD PRODUCTS AND PAPER
TO PRINCIPAL DESTINATIONS
(Dollars in Millions)

	1939	1940	1941	1942	1943	1944	1945
United Kingdom	43.9	83.1	57.5	57.8	75.9	90.8	98.5
Other Europe	6.2	4.6	1.1	1.1	1.4	2.9	7.3
United States	165.8	214.8	286.0	308.8	283.4	299.7	329.3
Other North America ...	2.9	5.7	7.2	7.1	6.9	8.2	9.4
South America	3.1	7.8	11.3	5.5	8.0	9.0	9.5
Asia	2.8	7.8	6.1	1.6	2.1	5.1	6.7
Australasia	13.8	16.2	10.1	3.8	8.5	15.5	17.3
Africa	4.0	8.0	7.8	4.1	4.9	9.7	10.0
Totals	242.5	348.0	387.1	389.8	391.1	440.9	488.0

Table 73

EXPORTS OF IRON AND ITS PRODUCTS
TO PRINCIPAL DESTINATIONS
(Dollars in Millions)

	1939	1940	1941	1942	1943	1944	1945
United Kingdom	16.0	53.4	70.3	120.7	234.5	297.4	162.5
Other Europe	1.0	1.0	1.3	10.4	40.6	145.2	77.6
United States	5.0	6.0	14.2	33.0	47.1	46.5	48.3
Other North America	3.6	5.3	7.9	6.4	5.0	7.2	6.8
South America	4.1	4.1	5.6	4.0	2.0	3.9	7.3
Asia	6.0	8.6	38.7	104.0	139.0	150.4	214.1
Australasia	17.7	14.8	20.3	53.7	41.6	26.2	11.2
Africa	9.7	34.5	81.6	134.9	206.8	96.1	27.3
Totals	63.1	127.7	239.9	467.1	716.6	772.9	555.1

Table 74

EXPORTS OF NON-FERROUS METALS AND THEIR PRODUCTS
TO PRINCIPAL DESTINATIONS
(Except Gold)
(Dollars in Millions)

	1939	1940	1941	1942	1943	1944	1945
United Kingdom	83.4	101.6	131.7	118.0	134.7	135.3	78.4
Other Europe	18.6	11.0	3.4	13.7	12.1	26.2	34.1
United States	49.5	67.6	92.3	159.9	170.7	156.3	214.6
Other North America	0.9	1.6	2.9	2.1	1.3	2.4	3.5
South America	1.9	1.6	2.6	1.0	0.7	1.9	4.9
Asia	25.5	8.0	3.6	4.8	6.6	7.9	10.1
Australasia	2.0	2.0	4.8	8.6	5.2	5.0	3.2
Africa	1.1	1.3	2.7	0.8	1.4	4.9	3.7
Totals	182.9	194.7	244.0	308.9	332.7	339.9	352.5

Table 75

EXPORTS OF NON-METALLIC MINERALS AND THEIR PRODUCTS
TO PRINCIPAL DESTINATIONS

(Except Chemicals)
(Dollars in Millions)

	1939	1940	1941	1942	1943	1944	1945
United Kingdom	3.4	6.4	5.1	6.0	7.9	4.7	3.6
Other Europe	3.8	1.6	0.1	0.1	0.2	0.2	2.6
United States	16.2	19.3	32.3	38.9	41.5	38.0	34.8
Other North America	1.6	2.8	5.0	9.7	10.1	12.6	9.6
South America	0.4	0.3	1.0	0.8	1.1	1.3	2.5
Asia	2.3	2.1	1.1	0.2	0.1	0.1	0.2
Australasia	1.2	1.0	0.5	0.8	1.1	1.3	1.0
Africa	0.4	0.3	0.1	0.1	0.2	0.2	0.2
TOTALS	29.3	33.8	45.2	56.6	62.2	58.4	59.5

Table 76

EXPORTS OF CHEMICALS AND ALLIED PRODUCTS
TO PRINCIPAL DESTINATIONS

(Dollars in Millions)

	1939	1940	1941	1942	1943	1944	1945
United Kingdom	5.7	8.3	26.4	31.1	22.9	24.0	16.4
Other Europe	0.3	0.2	0.2	0.6	5.0	7.7	19.0
United States	9.7	10.8	15.5	29.1	37.1	47.2	51.9
Other North America	2.9	3.2	4.9	5.6	5.7	6.5	7.2
South America	0.3	0.8	1.6	1.5	1.5	1.8	3.0
Asia	2.0	2.8	3.6	2.2	2.7	5.8	5.2
Australasia	2.7	3.1	3.3	3.8	4.9	2.8	5.1
Africa	0.7	2.0	3.2	3.4	6.6	4.9	3.5
TOTALS	24.3	31.2	58.7	77.3	86.4	100.7	111.3

Table 77

EXPORTS OF MISCELLANEOUS COMMODITIES
TO PRINCIPAL DESTINATIONS

(Dollars in Millions)

	1939	1940	1941	1942	1943	1944	1945
United Kingdom	4.4	25.6	83.7	136.2	218.3	261.6	120.5
Other Europe	0.7	0.3	1.6	12.8	16.4	75.3	78.7
United States	8.3	8.5	13.2	155.0	220.8	161.3	125.1
Other North America	0.9	1.2	13.1	20.5	12.7	10.8	6.1
South America	0.2	0.3	0.4	0.3	0.5	0.5	6.8
Asia	0.5	0.8	4.1	82.9	22.8	27.4	34.2
Australasia	1.2	1.0	1.2	33.5	10.6	2.7	3.4
Africa	0.3	1.3	10.6	79.4	76.4	13.6	2.6
TOTALS	16.5	39.0	127.9	520.6	578.5	553.2	377.4

EXPORTS OF PRINCIPAL COMMODITIES
(1945 Order of Value)
(Units and Dollars in Millions)

		1939	1940	1941	1942	1943	1944	1945
Total domestic exports (excluding gold)	\$	924.9	1,179.0	1,621.0	2,363.7	2,971.5	3,439.9	3,218.3
Wheat	\$	109.0	119.5	161.9	121.8	234.5	384.2	475.8
	bu.	162.9	139.2	196.6	143.0	219.2	291.7	329.7
Non-ferrous metals	\$	182.9	194.7	244.0	308.9	332.7	339.9	352.5
Motor vehicles and parts (including gun carriers and tanks)	\$	25.9	65.6	153.7	328.3	507.4	433.2	351.9
Newsprint	\$	115.7	151.4	154.4	141.1	144.7	157.2	179.5
	tons	2.7	3.2	3.3	3.0	2.8	2.8	3.1
Cartridges and shells .....	\$	.8	12.5	41.9	300.4	353.9	313.9	174.8
Aircraft and parts .....	\$	.4	6.0	20.2	27.0	44.8	107.1	108.2
Wood pulp	\$	31.0	60.9	85.9	95.3	100.0	101.6	106.1
	tons	.7	1.1	1.4	1.5	1.6	1.4	1.4
Guns .....	\$	.0	2.7	13.0	73.7	143.9	239.6	82.7
Planks and boards	\$	48.8	27.7	74.2	80.1	74.2	90.1	98.9
	ft.	2,113.2	2,451.6	2,282.1	2,166.1	1,726.5	1,862.0	1,977.3
Flour		16.4	26.4	44.8	45.8	66.3	90.0	97.9
	bbls.	5.3	7.0	11.4	10.6	13.0	13.9	13.7
Bacon	\$	32.7	58.8	77.5	100.6	116.1	148.3	96.5
	lbs.	187.8	345.6	464.6	528.1	563.0	695.8	449.8
Chemicals and products (excluding explosives).....	\$	23.7	28.4	38.5	53.0	69.1	81.6	82.1
Non-metallic minerals	\$	29.3	33.8	45.2	56.6	62.2	58.4	59.6
Explosives .....	\$	.6	2.8	20.2	24.3	17.3	19.1	29.2
Cheese	\$	12.2	15.7	13.6	26.9	26.8	27.1	27.9
	lbs.	90.9	106.6	92.3	141.5	129.7	131.4	135.4
Pulpwood	\$	11.9	12.5	15.9	20.3	18.6	20.0	23.9
	cords	1.4	1.4	1.7	1.8	1.4	1.4	1.6
Pigs, ingots, blooms, billets	\$	5.2	12.9	21.8	20.5	22.7	17.0	19.4
Canned fish	\$	9.3	9.8	16.4	20.0	18.4	17.1	18.7
(salmon and herrings)	lbs.	68.3	65.9	120.0	140.8	115.4	107.8	116.6
Ships and repair parts .....	\$	.5	.1	2.0	106.8	88.9	23.3	15.6
	tons	.002	.001	.003	.223	.198	.077	.043
Canadian army and navy stores .....	\$	.0	1.4	40.3	55.1	48.6	45.6	7.0

TABLE 79

EXPORTS OF PRINCIPAL FOOD PRODUCTS
(Dollars in Millions)

	1939	1940	1941	1942	1943	1944	1945
Fruits	10.5	5.9	5.7	4.6	6.9	10.6	13.9
Vegetables	10.3	5.2	5.3	5.4	7.8	13.6	17.6
Grains and products	155.4	172.3	231.0	188.7	391.4	606.8	671.1
Other vegetable food products	3.0	2.8	5.0	7.3	8.2	11.0	15.3
Fishery products	28.9	31.6	41.2	49.8	57.1	63.9	80.2
Meats	37.5	63.3	84.2	110.4	130.8	192.0	167.0
Milk and products	18.2	20.4	21.3	34.3	36.1	34.8	43.3
Eggs (dried) .....	....	....	....	7.8	14.5	21.3	27.3
(shell)	0.3	2.8	4.2	2.0	0.5	0.6	16.8
Totals	264.1	304.3	397.9	410.3	653.3	954.6	1,052.5

TABLE 80

EXPORTS OF MAIN FOOD PRODUCTS TO PRINCIPAL
DESTINATIONS
(Dollars in Millions)

	1939	1940	1941	1942	1943	1944	1945
United Kingdom	136.5	201.8	270.0	256.7	324.0	391.6	442.6
Other Europe	22.8	8.3	2.4	12.5	15.3	55.3	170.8
United States	83.8	69.6	82.1	84.0	248.5	426.9	275.0
Other North America	10.9	14.3	23.8	29.8	34.6	40.9	45.3
South America	2.3	2.6	3.5	3.2	3.2	4.7	8.6
Asia	3.0	2.6	9.0	4.0	4.7	5.7	53.5
Australasia	2.9	2.6	1.1	0.4	0.7	0.3	9.8
Africa	1.9	2.5	6.0	19.7	22.3	29.2	46.9
Totals	264.1	304.3	397.9	410.3	653.3	954.6	1,052.5

Table 81

PRINCIPAL SUPPLIES TO THE BRITISH MINISTRY OF FOOD
UNDER CONTRACT

(units and dollars in millions)

		1940	1941	1942	1943	1944	1945
Exported by Meat Board from Jan. 20, 1940 (1)							
Bacon.....	\$	45.7	72.5	118.8	145.1	154.0	92.2 *
	lbs.	248.9(2)	425.6	600.0	675.1	700.6	408.5
Other pork products (including pork, pork offals and lard).....							
	\$	0.2	1.7	2.7	5.0	13.1	2.5 *
	lbs.	2.3	17.1	16.4	24.5	58.2	14.5 *
Hog Casings.....	\$	-	-	0.6	1.0	1.2	1.0 *
	bbls.	-	-	0.5	0.8	0.8	0.7 *
Beef (carcass weight).	\$	-	-	-	-	26.3	39.9 *
	lbs.	-	-	-	-	148.0	201.7 *
Mutton and lamb.....	\$	-	-	-	-	-	2.4(3)
	lbs.	-	-	-	-	-	10.1(3)
Oxtails	\$	-	-	-	-	-	.08
	lbs.	-	-	-	-	-	.81
Exported by Dairy Products Board from May 23, 1940(4)							
Cheese.....	\$	13.0	16.6	29.4	23.4	24.5	25.4
	lbs.	93.1	115.4	142.1	114.4	122.7	126.8
Evaporated milk.....	\$	2.8	2.6	3.0	1.4	1.4	3.4
	lbs.	36.1	30.9	32.1	14.4	14.4	33.7
Butter.....	\$	-	-	-	2.9	-	-
	lbs.	-	-	-	7.1	-	-
Whole milk powder.....	\$	-	-	-	-	-	1.5
	lbs.	-	-	-	-	-	4.5
Exported by Special Products Board from April 15, 1941 (5)							
Eggs, shell.....	\$	-	3.6	1.3	-	-	16.1
	doz.	-	13.7	4.1	-	-	40.6
Eggs, dried.....	\$	-	-	11.8	14.0	34.2	20.2
	lbs.	-	-	11.6	11.7	27.6	17.9
Poultry, dressed.....	\$	-	-	-	0.1	0.8	-
	lbs.	-	-	-	0.3	2.0	-
Fruit and vegetable products (including fresh, canned and evaporated apples, fruit pulp canned and dehydrated veget- ables).....							
	\$	-	5.5	2.0	6.2	10.6	7.0 (approx)
Exported by the Department of Fisheries from 1941 (6)							
Canned fish (including salmon, herring, tomalley, sardines-- net value)--48 lb. cases.....	\$	-	16.3	22.8	17.6	15.8	17.3 *
	cases	-	2.5	2.6	2.9	2.2	1.9
Frozen fish.....	\$	-	-	-	1.3	3.7	3.9
	lbs.	-	-	-	8.8	22.8	22.2
TOTALS.....	\$	61.7	116.2	192.4	217.9	277.1	232.9

Table 81 (Cont.)

* Preliminary.

- (1) Meat Board figures represent the amount bought by the British Ministry of Food in each contract year, not the amount shipped within the year. Originally the contract year for meat was from October 1 to September 30, but in practice it has been extended each year until by the end of 1943 the contract year virtually coincided with the calendar year. For convenience in this table the two are considered to coincide--e.g. 1942-43 figures are listed under 1943. In January, 1944, a two-year agreement was made. The figures in the 1944 column represent clearances of 1944 production and the same applied to 1945.
- (2) This includes only bacon processed from current production after the board commenced operations on January 20, 1940. In addition there were 82,578,402 pounds of bacon and cuts shipped or stored by packers prior to January 20, 1940, but within the contract period, making grand total shipments of 331,481,636 pounds with an estimated value of \$60,860,000.
- (3) Contract for mutton and lamb covers period July 1, 1945 to December 31, 1945.
- (4) Figures from the Dairy Products Board represent quantities purchased by the British Ministry of Food and shipped in the contract year, April 1 to March 31 -- e.g. figures in the 1944 column cover shipments in the contract year 1944-45.
- (5) Figures from the Special Products Board represent goods shipped on contract covering products derived from the crop produced in the year specified, with the exception of the fruit and vegetables figure for 1941, which includes some products from the crops grown in 1939 and 1940.
- (6) Prior to 1941 supplies of fish to the United Kingdom were handled by private trade. The figures in this table show supplies made available by the federal Department of Fisheries and paid for by the British Ministry of Food in the fiscal year -- e.g. 1941 figures relate to fish purchased in the fiscal year 1941-42. In each instance the great bulk of the fish came from the production of the calendar year indicated during 1943-45, salt fish totalling 5.2 million pounds in amount and \$800,000 in value, was also supplied to the Food Ministry. In addition to these shipments made under government agreements some fish and fish oil reached the United Kingdom through regular trade channels during the war.

TABLE 82

EXPORTS FROM PRINCIPAL SOURCES
(Dollars in Millions)

	1939	1940	1941	1942	1943	1944	1945
United Kingdom	114.0	161.2	219.4	161.1	135.0	110.6	140.5
Other Europe	37.1	19.2	6.9	5.2	5.4	9.3	18.6
United States	496.9	744.2	1,004.5	1,304.7	1,423.7	1,447.2	1,202.4
Other North America .	17.1	24.6	36.6	32.9	53.2	66.5	76.9
South America	21.1	36.2	56.8	44.1	45.0	54.8	56.7
Asia	38.1	63.2	74.8	46.2	23.3	32.9	40.4
Australasia	18.6	25.8	36.9	36.2	38.7	25.2	28.5
Africa	8.2	7.6	12.9	13.8	10.8	12.4	21.8
Totals	751.1	1,082.0	1,448.8	1,644.2	1,735.1	1,758.9	1,585.8

TABLE 83

IMPORTS BY MAIN GROUPS
(Dollars in Millions)

	1939	1940	1941	1942	1943	1944	1945
Agricultural and vegetable products	127.8	157.3	171.8	147.7	176.4	212.7	235.5
Animals and animal products	32.8	35.4	34.9	34.9	36.5	36.4	46.6
Fibres, textiles and textile products	100.9	147.3	161.1	189.1	195.3	190.6	196.8
Wood, wood products and paper	33.7	38.1	36.7	38.2	40.3	43.6	49.8
Iron and its products	183.2	298.9	431.6	377.8	420.2	428.4	384.5
Non-ferrous metals and their products (except gold)	42.1	71.2	94.8	82.4	115.6	106.6	99.1
Non-metallic minerals and their products ..	132.8	161.2	190.0	221.3	250.9	271.0	265.4
Chemicals and allied products	43.7	51.8	65.4	66.8	70.6	80.8	79.8
Miscellaneous commodities	54.1	120.8	262.5	486.0	429.3	388.8	228.3
Totals	751.1	1,082.0	1,448.8	1,644.2	1,735.1	1,758.9	1,585.8

Table 84

IMPORTS OF PRINCIPAL COMMODITIES
(1945 Order of Value)
(Dollars in Millions)

	1939	1940	1941	1942	1943	1944	1945
Coal	41.6	49.6	61.6	81.8	101.2	113.1	102.4
Machinery (except farm)	42.8	71.5	130.4	71.6	106.0	78.6	92.8
War equipment, imported under special orders-in council	-	-	13.2	262.1	268.0	241.3	89.0
Crude petroleum	39.7	48.3	56.5	57.5	66.4	72.0	72.3
Automobile parts	25.3	47.6	71.5	76.4	67.1	80.3	67.9
Fresh fruits	15.4	17.6	20.0	24.5	39.2	50.2	61.3
Farm implements & machinery	20.9	30.7	31.0	23.6	20.2	40.6	50.4
Plates & sheets, hoop, band and strip	26.1	41.0	42.5	52.4	35.9	39.7	45.5
Electric apparatus	13.8	21.2	28.2	28.2	48.5	57.9	43.1
Raw Cotton	16.4	25.1	31.8	40.4	33.3	40.8	39.2
Articles for the British army & navy	1.0	51.1	170.5	135.0	45.5	24.4	35.6
Cotton fabrics	10.9	12.7	18.7	32.6	37.8	37.2	34.9
Sugar for refining	20.2	25.8	25.9	16.9	23.7	28.7	28.5
Engines and boilers	7.6	12.4	32.7	19.6	47.0	63.2	28.0
Books & printed matter	15.2	16.7	14.8	16.1	18.0	18.2	21.4
Fresh vegetables	6.2	6.6	6.7	9.2	13.9	14.6	21.3
Tea	10.1	10.8	11.5	11.4	11.9	13.1	17.7
Glass and glassware	7.9	10.1	12.1	11.1	10.7	14.0	16.1
Aircraft	5.6	10.6	24.1	36.6	66.5	65.1	16.0
Raw wool	4.5	13.2	16.5	24.5	27.0	11.3	12.3
Gasoline	8.0	7.0	9.0	12.9	11.9	13.2	9.6
Raw coffee	4.2	3.3	4.2	4.1	7.4	14.0	8.9
Alumina, bauxite & cryolite	3.7	6.4	9.3	13.3	23.2	10.3	7.8
Crude rubber	11.8	24.0	32.6	16.6	14.5	6.6	6.9

Table 35.

BALANCE OF TRADE
(Dollars in Millions)

	1939	1940	1941	1942	1943	1944	1945
<u>Exports:</u>							
Total World							
(Domestic merchandise ..	925	1,179	1,621	2,364	2,971	3,440	3,218.3
(Non-monetary gold	184	203	204	184	142	110	96.0
(Foreign merchandise	11	14	19	21	30	43	49.1
(Totals	1,120	1,396	1,844	2,569	3,143	3,593	3,363.4
To United Kingdom							
(Domestic merchandise ..	328	508	658	742	1,033	1,235	963.2
(Non-monetary gold .....	...	...	...	...	...	...	...
(Foreign merchandise	0.8	4	3	6	4	3	8.2
(Totals	329	512	661	748	1,037	1,238	971.4
To United States							
(Domestic merchandise ..	380	443	600	886	1,149	1,301	1,197.0
(Non-monetary gold	184	203	204	184	142	110	96.0
(Foreign merchandise	9	9	10	11	17	33	30.5
(Totals	573	655	814	1,081	1,308	1,444	1,323.5
<u>Imports:</u>							
Total world	751	1,082	1,449	1,644	1,735	1,759	1,585.8
From United Kingdom	114	161	219	161	135	111	140.5
From United States	497	744	1,004	1,305	1,423	1,447	1,202.4
<u>Balance of trade:</u>							
Total world	+369	+314	+395	+925	+1,408	+1,834	+2161
With United Kingdom	+215	+351	+442	+587	+902	+1,127	+823
With United States	+76	-89	-190	-224	-115	-3	+121

TABLE 86

M U T U A L A I DSUMMARY OF MUTUAL AID EXPENDITURES

(MILLIONS OF DOLLARS)

	1943-44	1944-45	(9 Mos.) 1945 (Est.)	Total (Est.)
Australia	\$ 20.958	\$ 54.888	\$ 15.386	\$ 91.232
British West Indies	.874	3.882	.761	5.517
China	3.537	17.654	4.918	26.109
France	--	17.552	6.708	24.260
India	.482	14.181	--	14.663
New Zealand	--	7.796	7.076	14.872
Union of Soviet Socialist Republics	23.281	97.633	39.469	160.383
United Kingdom	<u>722.821</u>	<u>719.235</u>	<u>718.874</u>	<u>2,160.930</u>
	\$771.953	\$932.821	\$793.192	\$2,497.966
United Nations Relief and Rehabilitation Administration	--	11.093	65.907	77.000
Expenditures for Administration	<u>.025</u>	<u>.053</u>	<u>.060</u>	<u>.138</u>
	\$771.978	\$943.967	\$859.159	\$2,575.104

E C O N O M I C C O N T R O L S

TABLE 96

COST-OF-LIVING INDEX CHANGES

	% change From Aug.1,1939, to Sept.1,1945	% change From Oct.1,1941 to Sept.1,1945
Food	35.1	8.9
Rent	8.0	.8
Fuel and light	7.8	- 4.8
Clothing	22.1	2.2
Home furnishings and services	18.3	1.8
Miscellaneous	8.1	2.8
Total cost of living	18.9	3.8

F I N A N C E

Table 88

FEDERAL GOVERNMENT EXPENDITURES AND REVENUES

(By fiscal years ended March 31)

(Dollars in Millions)

	1939- 40	1940- 41	1941- 42	1942- 43	1943- 44	1944- 45	Total(1)
EXPENDITURES							
War expenditures							
Army.....	68	383	511	1,038	1,329	1,262	4,591
Navy.....	11	88	129	210	370	417	1,225
Air Force.....	33	176	371	617	931	1,259	3,387
Department of Munitions and Supply.....	..	80	253	679	688	216	1,916
National War Services Dept.	..	2	3	9	15	26	55
Other departments.....	6	23	73	171	341	435	1,049
United Nations financial as- sistance (budgetary).....	..	..	..	1,000(2)	913(3)	803(3)	2,716
Total war.....	118	752	1,340	3,724	4,587	4,418	14,939
Other government expenditures	563	498	545	663	735	828	3,832
Total expenditures.....	681	1,250	1,885	4,387	5,322	5,246	18,771
REVENUES							
Direct taxes							
Personal income tax, includ- ing national defence tax..	45	103	296	484(4)	693(4)	673(4)	2,299
Corporation income tax.....	78	132	186	343	311	276	1,331
Excess profits tax.....	..	24	135	434(4)	429(4)	342(4)	1,364
Succession duties.....	..	..	7	13	15	17	52
Other.....	11	13	28	23	23	29	137
Total direct taxes.....	134	272	652	1,307	1,431	1,337	5,183
Indirect taxes							
Customs duties.....	104	131	142	119	163	115	779
Excise duties.....	61	89	110	139	142	152	693
Excise taxes.....	166	234	453	489	639	543	2,574
Other.....	3	2	4	12	7	3	36
Total indirect taxes.....	334	506	709	759	956	813	4,082
Total tax revenues.....	468	778	1,361	2,066(4)	2,437(4)	2,155(4)	9,265
Other revenue.....	94	87	77	173	323	532	1,291
Total revenue.....	562	865	1,438	2,239	2,765	2,637	10,556
Over-all deficit.....	119	385	447	2,148	2,557	2,559	8,215
Total revenues to total ex- penditures.....	82%	69%	76%	51%	52%	49%	56%
U.K. financial assistance (non-budgetary)(2).....	104	361	1,053	..	..	..	1,518

(1) Six fiscal years 1939-40 to 1944-45 inclusive.

(2) In the first three years financial assistance was provided to the United Kingdom outside the budget as it involved investment or debt redemption rather than expenditures; in 1942-43 it was provided for in the budget and included in war costs.

(3) Mutual Aid Act to provide United Nations war equipment, war materials and food.

(4) Net after deducting refundable taxes.

TABLE 89

FEDERAL INCOME TAX
Single

In- come \$	Pre- war(1)	1939(1)	1940(1)	1941	1942(2)		1943		1944(3)		1945(4)
					Fixed	Sav- ings	Fixed	Sav- ings	Fixed	Sav- ings	
1,000	...	...	35	88	46	40	92	80	92	40	88
1,500	22	24	105	218	123	60	247	120	247	60	237
3,000	104*	117	353	623	412	120	824	240	824	120	791
5,000	264	300	832	1333	864	200	1728	400	1728	200	1659
10,000	946	1065	2628	3600	2156	400	4312	800	4312	400	4139

Married--No Children

	Pre- war	1939	1940	1941	1942		1943		1944		1945
					Fixed	Sav- ings	Fixed	Sav- ings	Fixed	Sav- ings	
1,500	...	...	30	75	54	54	108	108	108	54	104
3,000	45	50	208	400	292	150	584	300	584	150	561
5,000	177	200	604	1000	689	250	1378	500	1378	250	1323
10,000	784	882	2336	3080	1881	500	3762	1000	3762	500	3612

Married--2 Children

					1942		1943		1944		1945
					Fixed	Sav- ings	Fixed	Sav- ings	Fixed	Sav- ings	
1,500	...	...	14	35	12	12	24	24	24	12	23
3,000	9	10	97	215	167	167	334	334	334	167	321
5,000	118	134	427	735	531	300	1062	600	1062	300	1019
10,000	660	738	1921	2710	1673	600	3346	1200	3346	600	3212

- (1) Includes Ontario income tax as a representative provincial levy; from 1941 on provincial taxes were removed under the terms of the federal-provincial agreements.
- (2) Because of the transition to the pay-as-you-earn system of income tax payment in April, 1942, the 1942 liability was reduced by one-half. The amounts shown in the 1942 column reflect this reduction.
- (3) Savings portion in 1944 reduced by 50%.
- (4) Savings portion eliminated in 1945.

Table 90

NUMBER OF INDIVIDUALS WHO HAVE FILED
RETURNS FOR INCOME TAX PAYMENT

Calendar Year	Number
1939.....	257,186
1940.....	723,906
1941.....	949,805
1942.....	1,776,148
1943.....	2,094,542
1944.....	2,181,000
1945.....	2,100,000 ★

★ Estimated.

Table 92

BORROWING IN CANADA BY FISCAL YEARS
(Dollars in Millions)

	1939	1940	1941	1942	1943	1944	Total
	- 40	- 41	- 42	- 43	- 44	- 45	
New issues of funded debt:							
Treasury bills, net increase	...	75	40	30	60	20	225
Bank of Canada.....	...	250	...	193	...	...	443
Chartered banks, net.....	200	249	...	820	170	112	1,551
General public.....	249	354	1,657	1,050	2,732	2,949	8,991
	-----	-----	-----	-----	-----	-----	-----
Total new issues.....	449	928	1,697	2,093	2,962	3,081	11,210
	-----	-----	-----	-----	-----	-----	-----
Less maturities paid off in cash.....	-56	-110	-35	-42	-60	-252	-555
Estimated refundable portion of personal income tax and excess profits tax.....	...	...	.....	70	155	219	444
	-----	-----	-----	-----	-----	-----	-----
Net increase in funded debt.	393	818	1,662	2,121	3,057	3,048	11,099

Table 93

WAR AND VICTORY LOANS

Cash Sales in Millions of Dollars

Loan and Time of Offering	Individuals	Corporations, etc.	Total	Number of Applications
War Loans				
1 - Jan., 1940..	132.0	68.0	200.0	178,363
2 - Sept. 1940..	113.0	187.0	300.0	150,890
Victory Loans				
1 - June, 1940..	279.5	450.9	730.4	968,259
2 - Feb., 1942..	335.6	507.5	843.1	1,681,267
3 - Oct., 1942..	374.6	616.8	991.4	2,032,154
4 - Apr., 1943..	529.5	779.2	1,308.7	2,668,420
5 - Oct., 1943...	599.7	775.3	1,375.0	3,033,051
6 - Apr., 1944..	641.5	763.5	1,405.0	3,077,123
7 - Oct., 1944..	766.4	751.2	1,517.6	3,327,315
8 - Apr., 1945..	836.3	732.6	1,568.9	3,178,275
9 - Oct., 1945..	1,221.4	801.1	2,022.5	2,947,636

Table 94

WAR SAVINGS CERTIFICATES

Year	Applications	Sales \$	War Savings Stamp Sales \$
1940 (from May 27)....	1,732,036	26,441,108	4,176,423
1941.....	11,094,390	84,448,996	12,791,163
1942.....	12,720,051	80,559,924	10,939,415
1943.....	10,704,963	69,041,196	11,840,543
1944.....	8,598,798	57,151,900	10,302,870
1945.....	6,520,900	45,696,336	7,516,907
Total.....	51,371,138	363,339,460	57,567,321

As at December 31, 1945, \$114,572,272 of certificates had been presented for redemption, leaving \$247,615,180 of certificates in public hands. In the case of war savings stamps, \$51,561,041 had been presented in payment for certificates up to the end of 1945, leaving \$5,313,228 of stamps with the public.

V O L U N T A R Y S E R V I C E S

Table 97

PRISONER-OF-WAR FOOD PARCELS

(Service began January 6, 1941)

	No. Shipped
1941	612,944
1942.....	1,383,936
1943.....	4,503,136
1944.....	4,923,984
1945..... more than	4,600,000
	<hr/>
Total.....more than	16,000,000

Table 98

BLOOD DONATIONS

1940.....	5,325
1941.....	33,981
1942.....	181,091
1943.....	536,311
1944.....	1,033,701
1945.....	548,124
	<hr/>
Grand Total	2,338,533