

the situation in all industries, not only in the ones they cover, and found to be quite trustworthy; upon them, therefore, the total number actually employed in any month may be reasonably estimated. There remains the problem of estimating the fluctuations in the number of total wage-earners. From these data the number of unemployed is estimated. In brief, a percentage employed from month to month is calculated on: (1) the Department of Labour's figures of unions, corrected for sample qualities; (2) the Bureau's employment figures in relation to the total population normally gainfully occupied, this latter making allowance for the changing population content. The percentage is then applied to the census number employed to calculate the number of wage-earners in any month. The difference between the wage-earners and the number employed is obviously the unemployed. Another condition is exacted, *viz.*, the maintenance of a high correlation between factors (1) and (2) and in order to ensure this, checking at frequent intervals is resorted to to guard against any new element entering undetected into the equation used.

The table and chart which follow show the Bureau of Statistics estimates, worked out on this basis, of total wage-earners and of those employed, together with proportions employed for the years 1921-38, inclusive: monthly estimates are given for 1937 and 1938.

**22.—Estimated Wage-Earners and Numbers and Proportions Actually Employed, calendar years 1921-38, and by months 1937 and 1938.**

Year and Month.	Total Wage-Earners.	Number Employed.	Per Cent Employed.	Year and Month.	Total Wage-Earners.	Number Employed.	Per Cent Employed.
	'000	'000			'000	'000	
1921.....	1,871	1,795	91.1	1930.....	2,654	2,313	87.2
1922.....	1,967	1,830	93.0	1931.....	2,537	2,095	82.6
1923.....	2,059	1,958	95.1	1932.....	2,459	1,820	74.0
1924.....	2,042	1,897	92.9	1933.....	2,434	1,788	73.5
1925.....	2,063	1,920	93.1	1934.....	2,530	2,009	79.4
1926.....	2,140	2,041	95.4	1935.....	2,539	2,056	81.0
1927.....	2,209	2,147	97.2	1936.....	2,572	2,142	83.3
1928.....	2,359	2,299	97.5	1937.....	2,706	2,369	87.5
1929.....	2,551	2,444	95.8	1938.....	2,704	2,297	84.9
1937. (by months)				1938—con. (by months)			
January.....	2,596	2,144	82.6	March.....	2,619	2,163	82.6
February.....	2,571	2,116	82.3	April.....	2,649	2,212	83.5
March.....	2,570	2,129	82.5	May.....	2,704	2,304	85.2
April.....	2,595	2,188	84.3	June.....	2,725	2,333	85.8
May.....	2,680	2,353	87.8	July.....	2,715	2,306	85.0
June.....	2,747	2,453	89.3	August.....	2,746	2,373	86.6
July.....	2,747	2,470	89.9	September.....	2,743	2,402	87.4
August.....	2,781	2,536	91.2	October.....	2,737	2,359	86.2
September.....	2,812	2,587	92.0	November.....	2,744	2,346	85.5
October.....	2,819	2,577	91.4	December.....	2,697	2,225	82.5
November.....	2,795	2,504	89.6				
December.....	2,758	2,377	86.2	1939. (by months)			
1938. (by months)				January.....	2,678	2,193	81.9
January.....	2,703	2,300	85.1	February.....	2,684	2,193	81.7
February.....	2,661	2,225	83.6	March.....	2,655	2,161	81.4

**Subsection 5.—Unemployment Relief.**

The assistance rendered by the Dominion Government under relief legislation enacted during the years 1930-37, inclusive, is set out in previous issues of the Canada Year Book. The recapitulation appearing here shows the Dominion's disbursements as at Dec. 31, 1938, under each of the statutes enacted during the period 1930-37, inclusive, with respect to unemployment relief.