This PDF is a selection from an out-of-print volume from the National Bureau of Economic Research

Volume Title: The Growth of American Trade Unions, 1880-1923

Volume Author/Editor: Leo Wolman

Volume Publisher: NBER

Volume ISBN: 0-87014-005-1

Volume URL: http://www.nber.org/books/wolm24-1

Publication Date: 1924

Chapter Title: Acknowledgments "The Growth of American Trade Unions, 1880-1923"

Chapter Author: Leo Wolman

Chapter URL: http://www.nber.org/chapters/c5899

Chapter pages in book: (p. 9 - 18)

#### ACKNOWLEDGMENTS

This study would not have been possible without the coöperation of the many officials of trade unions, who opened their records to the National Bureau of Economic Research and patiently replied to innumerable requests for further information. Miss Florence Thorne, Secretary to Mr. Samuel Gompers, was of great assistance in pointing out defects in the data and in making available unused sources of new data. The burdensome and skilled task of constructing the tables and the charts, checking the statistics, and seeing the book through the press was accomplished by Miss Elizabeth W. Putnam, of the Staff of the National Bureau. Mr. H. K. Herwitz and Mrs. Dorothy J. Orchard, of the Research Department of the Amalgamated Clothing Workers of America, were from the beginning helpful with criticism and suggestion. author wishes particularly to acknowledge his indebtedness to Professor George E. Barnett, of Johns Hopkins University, under whose direction he completed, in 1915, his first study of the statistics of American trade unions.

LEO WOLMAN.



# CONTENTS

Foreword	page 5
Acknowledgments	9
CHAPTER I. Introduction	19
CHAPTER II. Changes in Union Membership, 1880-1923	29
CHAPTER III. The Working Population in the United States, 1910 and 1920	67
CHAPTER IV. The Extent of Labor Organization in 1910 and 1920.	82
CHAPTER V. Women in Trade Unions in 1910 and 1920	97
Appendix	110
Index	163

## LIST OF TABLES IN THE TEXT

			PAGE
Table	1.	Membership of Selected American Labor Unions, 1880–1896	32
Table	2.	Total Membership of American Trade Unions, 1897–1923	3 <b>3</b>
Table	3.	Changes in Total Membership, 1897–1923	3 <b>4</b>
Table	4.	Per Cent of Gain or Loss in Membership, 1915–1923	35
Table	<b>5</b> .	Decrease in Number of Wage Earners in Selected Group of In-	
		dustries, 1919–1921	41
Table	6.	General Index of Employment in Manufacturing Industries,	
		1920–1923	43
Table	7.	Per Cent of Total Membership in Each Group of Unions in the	
		Years 1897, 1900, 1910, 1914, 1920, and 1923	62
		Membership of Trade Unions in Selected Countries, 1914–1923	65
Table	9.	Industrial Distribution of Persons Engaged in Gainful Occupa-	
		tions, 1920 and 1910	<b>7</b> 3
Table	10.	Changes in Number Engaged in Gainful Occupations, 1910 to	
		1920	74
Table	11.	Distribution of Working Population into Employer, Salaried	
		and Wage-Earning Classes, 1920 and 1910	77
Table	12.	Comparison of Classifications of the Working Population of the	
		United States, 1920	<b>7</b> 9
Table	13.	Comparison of Two Classifications of United States Census of	
		Occupations, 1920	80
Table	14.	Per Cent of Wage Earners Organized in Major Divisions of In-	
		dustry, 1920 and 1910	86
Table	15.	Per Cent of Organization among Divisions of Manufacturing In-	
		dustries, 1920 and 1910	88
Table	16.	Per Cent of Organization among Divisions of the Transportation	
<b></b>		Industry, 1920 and 1910.	90
Table	17.	Per Cent of Organization among Selected Occupations in the	00
		Building Trades, 1920 and 1910	92
Table	18.	Per Cent of Organization among Compositors, Linotypers, and	94
Table	10	Typesetters in Selected Cities, 1920	74
Table	19.	Per Cent of Organization among Brick and Stone Masons, in Selected Cities, 1920	95
Tahla	20	Female Membership of American Unions, 1910 and 1920	98
T 00010	-0.		U.U

14	LIST OF TABLES IN THE TEXT	
Table 21.	Women 10 Years of Age and Over Engaged in Gainful Occupa- tions, Distributed by General Divisions of Occupations, 1920	PAG
Table 22.	and 1910  Per Cent Distribution by Sex of Persons 10 Years of Age and	10
Table 23.	Over in Each General Division of Occupations, 1920 and 1910. Changes in Number of Gainfully Employed Women, 1910 to 1920	103
	Classification of Women into Employer, Salaried and Wage- Earning Classes, 1920 and 1910	104
Table 25.	Per Cent of Organization among Female Wage Earners in Major Divisions of Industry, 1920 and 1910	10
Table 26.	Per Cent of Organization among Female Wage Earners in Manufacturing Industries, 1920 and 1910	106
Table 27.	Number and Percentage of Women Trade Union Members in New York State in Cities of over 50,000, 1920	108

# LIST OF CHARTS

	PAGI
Chart 1. Trade Union Membership: Mining and Mine Workers, 1897–1923	
Chart 2. Trade Union Membership: Building Trad and Bricklayers and Masons, 1897–1923	es; United Carpenters;
Chart 3. Trade Union Membership: Metal, Machi and Machinists, Boilermakers and Raily	vay Carmen, 1897–1923 48
Chart 4. Trade Union Membership: Boilermakers way Carmen; Machinists; and Railway	•
Chart 5. Trade Union Membership: Textiles, 1897-	-1923 <b>5</b> 0
Chart 6. Trade Union Membership: Clothing; Workers; and Ladies' Garment Workers	-
Chart 7. Trade Union Membership: Leather; Unit Shoe Workers' Protective, 1897-1923	
Chart 8. Trade Union Membership: Transportation, 1897–1923	•
Chart 9. Trade Union Membership: Steam Railros 1897-1923	
Chart 10. Trade Union Membership: Paper, Printing Pressmen; and the Typographi	
Chart 11. Trade Union Membership: Chemical, C Glass Unions; and Stone Unions, 1897-1	·
Chart 12. Trade Union Membership: Food, Liquor makers; and Brewery Workmen, 1897-19	
Chart 13. Trade Union Membership: Restaurant ar	
Chart 14. Trade Union Membership: Theatres and I	Music, 1897–1923 60
Chart 15. Trade Union Membership: Public Service,	-
Chart 16. Trade Union Membership: All Unions; American Federation of Labor, and	Unions Affiliated with
1007 1002	, KD



### LIST OF TABLES IN APPENDIX

			PAGE
Table	I.	Membership of American Trade Unions, 1897–1923	110
Table	II.	Membership of Affiliated and Independent National Trade	
		Unions, 1897–1923	120
Table	III.	Membership of Trade Unions in Selected Countries, 1910–1920	124
Table	IV.	The Working Population of the United States, 1920 and 1910.	125
Table	V.	Membership of American Trade Unions in the United States and Canada, 1920	133
Table	VI.	Extent of Organization among Persons Engaged in Each Industry, 1920	137
Table	VII.	Extent of Organization among Persons Engaged in Each Industry, 1910	146
Table	VIII.	Extent of Organization among Persons Engaged in Selected Occupations, 1920	156
Table	IX.	Extent of Organization among Persons Engaged in Selected Occupations 1910	158

