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CANADA

DEPARTMENT OF TRADE AND COMMERCE

DOMINION BUREAU OF STATISTICS

EMPLOYMENT STATISTICS BRANCH

CHART BOOK
OF
EMPLOYMENT AND PAYROLLS IN CANADIAN INDUSTRIES

Employment: 1939 - July 1, 1947
Payrolls: 1941 - July 1, 1947

OTTAWA
December 1947

Price 50 cents

Report 9-2010

DEPARTMENT OF TRADE AND COMMERCE
DOMINION BUREAU OF STATISTICS
EMPLOYMENT AND PAYROLL STATISTICS BRANCH
OTTAWA - CANADA

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CHART BOOK
OF
EMPLOYMENT AND PAYROLLS IN CERTAIN INDUSTRIES.

FOREWORD.

During the war and in immediately succeeding months, the Wartime Prices and Trade Board maintained a series of charts showing the current movements of employment and payrolls grouped by industries and provinces, and for the larger cities. The charts were based upon monthly returns furnished by leading employers to the Employment and Payroll Statistics Branch of the Dominion Bureau of Statistics. These graphs aroused considerable interest during the war, and also in the post-war period, and it was arranged that the series should be continued by the Department of Reconstruction and Supply. In the autumn of 1946, the Economic Research Branch of that Department issued a chart book bringing the record up to Aug. 1, 1946. It was later decided that the preparation of the charts should be transferred to the Bureau, as the collecting agency of the original data. The present chart book, the first to be issued by the Dominion Bureau of Statistics, carries forward the curves to July 1, 1947. It is proposed hereafter to issue the chart books semi-annually.

In most cases, the graphs depict the situation indicated by the reporting employers in the period, 1939 to the middle of 1947 in the case of employment, and in the case of payrolls, from June 1, 1941, when the monthly record of salaries and wages was established. The index numbers, based on June 1, 1941, have been charted (a) in their original form and (b) in the form of 12 months' moving averages centered; since each item in the latter series is the average of an entire year, the seasonal influences are largely eliminated, with the result that the trends over a period of some years are more readily discernible.

The curves shown in the charts in the following pages represent the trends reported in establishments usually employing 15 persons and over, the smaller businesses being excluded from the monthly surveys for practical reasons associated with the costs of collection and processing, in terms of money and of time. As a result of this limitation of the scope of the monthly enquiries, the coverage of total employment in the various industries is unequal, depending upon whether they are ordinarily organized in large or small units of production or operation.

In spite of certain disparities in the current inquiries' coverage of total employment in the various industrial groups, the reported employees in all cases represent comparatively high proportions of the total wage-earners at work in the various industrial divisions, so that the charts for the individual industries may be considered as accurately depicting the fluctuations therein.

Except in the predominantly agricultural provinces of Prince Edward Island

and Saskatchewan, the monthly surveys' coverage of total employment in the various provinces is relatively high, and also shows a considerable degree of uniformity; at the census date, the percentage of coverage of all agricultural and non-agricultural workers varied from 52 p.c. in New Brunswick to 64½ p.c. in Ontario, the Dominion proportion being 59 p.c. In the industries included in the monthly surveys, the range was also from seven points below in the case of New Brunswick, to 5½ points above in the case of Manitoba, the general coverage in Canada being over 79 p.c. Although these provincial variations are not excessive, they should nevertheless be borne in mind when studying the regional charts; it should also be remembered that certain of the industries excluded from the monthly surveys (notably agriculture, domestic service, etc., etc.) did not share in the wartime expansion of employment, which particularly affected manufacturing and certain other divisions in which the establishments furnishing monthly data employ extremely large proportions of the total persons engaged therein.

In the case of many industries for which charts appear in the following pages, the situation from time to time since the end of the war has been seriously affected by industrial disputes; not infrequently, these caused shortages which lowered the curves in numerous other industries. In 1946, the strikes in various branches of manufacturing were of major importance. During the months of 1947 for which curves have been plotted in the present chart book, the dispute in the coal fields of Nova Scotia was probably the most far-reaching in its effects, involving many workers for a lengthy period.

Some of the industries for which charts are given in succeeding pages employ rather small numbers of persons, with the result that minor changes will sometimes appear of greater importance than their size warrants. In this connection, attention is drawn to the figures of numbers of employees on the payrolls of the co-operating establishments, as given on pages III to VI. These tables show the industrial and geographical distributions of the employees reported by the firms furnishing data at July 1, 1947, together with the percentage changes in the index numbers of employment as compared with July 1 of earlier years: (1) 1939, as representative of the immediate pre-war situation; (2) 1943, when industrial activity was approaching its war-time peak; (3) 1945, as representative of the situation exising between VE and VJ Days, and (4) 1946, when the major cut-backs in war production had taken place, and the non-manufacturing classes were showing considerable expansion, as labour and materials became more available.

The charts in this volume have been adapted and many of them remounted by Mr. N.R. Deslisle, Chief Draftsman of the Bureau.

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13/11/47

A COMPARISON OF EMPLOYMENT AS REPORTED BY LEADING FIRMS REGIONALLY, AND IN SPECIFIED INDUSTRIES AT JULY 1, 1947

with:

1. PREWAR LEVEL - July 1, 1939
2. PEAK WAR-YEAR LEVEL - July 1, 1943
3. PRE-V-J DAY LEVEL - July 1, 1945
4. POST WAR LEVEL - July 1, 1946

	Number of Employees Reported by Co-operating Firms at July 1, 1947	Reported Employment at July 1, 1947 Compared with July 1 in				See Chart Number
		1939	1943	1945	1946	
	(000's)	P.C.	P.C.	P.C.	P.C.	
		(Decrease indicated by minus sign)				
SECTION 1 - EIGHT MAJOR INDUSTRIES						
A. TOTAL BY AREAS						
1. Canada	1,952.1	+ 63.9	+ 3.3	+ 8.0	+ 9.2	1
2. Economic Areas						
Ontario	819.1	+ 71.3	+ 6.1	+ 8.8	+ 9.0	2
Quebec	575.0	+ 54.3	- 3.7	+ 5.2	+ 9.0	2
British Columbia	187.7	+ 77.4	+ 2.6	+ 9.2	+ 22.6	3
Prairies	231.1	+ 60.8	+ 18.1	+ 15.7	+ 5.9	3
Maritimes	139.2	+ 54.7	- 2.9	+ 0.9	+ 2.0	3
3. Principal Cities						
Montreal	283.3	+ 65.9	- 4.3	+ 3.4	+ 6.0	4
Quebec	28.0	+ 46.7	- 32.9	- 17.9	+ 11.0	4
Toronto	258.6	+ 75.9	- 1.2	+ 3.0	+ 8.6	5
Hamilton	62.5	+ 78.3	+ 1.1	+ 6.4	+ 7.3	5*
Windsor	38.4	+138.7	- 9.8	+ 2.6	+ 13.5	5*
Ottawa	24.5	+ 64.6	+ 9.3	+ 13.9	+ 6.3	6
Winnipeg	66.4	+ 65.3	+ 11.6	+ 12.2	+ 4.0	6
Vancouver	83.9	+ 99.6	- 8.3	- 3.4	+ 16.6	6
B. INDIVIDUAL MAJOR INDUSTRIES						
Mining	78.9	+ 2.1	+ 7.0	+ 14.3	+ 5.2	7
Construction	213.5	+ 24.4	+ 23.9	+ 46.4	+ 16.6	7
Manufacturing**	1,054.8	+ 80.1	- 11.4	- 3.1	+ 7.2	7
Communication	45.9	+ 97.5	+ 62.2	+ 43.2	+ 16.1	8
Transportation	181.6	+ 61.8	+ 21.0	+ 11.8	+ 10.1	8
Services***	65.7	+ 68.4	+ 28.9	+ 19.1	+ 7.5	8
Logging	73.5	+153.5	+ 63.0	+ 30.9	+ 22.9	9
Trade	238.1	+ 49.9	+ 35.9	+ 19.7	+ 8.0	9
Average Weekly Earnings - Eight Leading Industries						10

* The existence of important strikes in the summer of 1946 had seriously affected the situation at July 1.

** Including electric light and power.

*** Consisting mainly of hotels and restaurants and laundries and dry-cleaning plants.

	Number of Employees Reported by Co-operating Firms at July 1, 1947 (000's)	Reported Employment at July 1, 1947 Compared with July 1 in 1939 P.C.	1943 P.C.	1945 P.C.	1946 P.C.	See Chart Number
		(Decrease indicated by minus sign)				
SECTION II - MANUFACTURING INDUSTRIES						
A. TOTAL MANUFACTURING	1,028.1	+ 81.0	- 12.2	- 3.7	+ 7.2	11
1. Total Non-Durable Goods	536.8	+ 59.2	+ 6.5	+ 5.9	+ 6.3	11
2. Total Durable Goods	491.3	+112.5	- 26.0	- 12.4	+ 8.1	11
B. MAJOR GROUPS						
1. Non-Durable Goods						
Processed Food	110.0	+ 59.1	+ 23.7	+ 10.8	+ 5.2	12
Beverages & Tobacco	28.1	+ 58.3	+ 24.0	+ 12.5	+ 5.9	12
Textiles	150.3	+ 48.1	+ 7.8	+ 8.8	+ 8.3	12*
Leather & Its Products	32.6	+ 42.8	+ 10.2	+ 11.0	+ 0.2	12
Pulp & Paper Products	113.1	+ 61.9	+ 35.1	+ 23.0	+ 7.6	13
Non-Metallic Minerals	16.0	+ 38.5	+ 4.7	- 0.6	- 1.9	13*
Chemicals	41.9	+109.0	- 48.7	- 28.9	+ 3.6	13
2. Durable Goods						
Lumber & Its Products	81.8	+ 61.3	+ 22.5	+ 15.6	+ 14.5	14
Clay, Glass & Stone Products	21.5	+ 94.8	+ 43.1	+ 34.0	+ 9.8	14
Electrical Apparatus Products	50.9	+165.9	+ 15.1	+ 19.6	+ 17.8	14*
Non-Ferrous Metal Products	47.0	+110.5	- 35.0	- 5.8	+ 11.4	15*
Iron & Its Products	289.2	- 77.3	- 37.8	- 24.6	+ 3.5	15*
C. MINOR GROUPS						
1. Non-Durable Goods						
Edible Animal Products:						
Dairy Products	19.1	+ 68.7	+ 30.8	+ 13.1	+ 9.0	16
Meat Products	20.2	+ 65.4	+ 16.1	- 2.1	- 4.5	16
Fish Processing & Canning	8.5	+ 54.1	+ 18.3	+ 14.0	- 5.9	16
Edible Plant Products:						
Bread & Bakery Products	21.3	+ 42.1	+ 13.3	+ 8.2	+ 6.5	17
Flour	9.6	+ 78.3	+ 31.7	+ 17.0	+ 4.9	17
Fruit & Veg. Preserving	13.6	+ 90.1	+ 56.0	+ 37.6	+ 23.4	17
Confectionery:						
Sugar & Syrup	2.8	+ 15.4	+ 32.1	+ 19.3	+ 19.7	18
Aerated Water	3.6	+ 20.5	+ 9.5	+ 15.5	+ 15.9	18
Chocolate & Confectionery	7.0	+ 27.0	+ 4.7	+ 5.5	+ 13.6	18

* Employment during 1946 was affected by major strikes.

	Number of Employees Reported by Co-operating Firms at July 1, 1947	Reported Employment at July 1, 1947 Compared with July 1 in 1939	1943	1945	1946	See Chart Number
	(000's)	P.C.	P.C.	P.C.	P.C.	
		(Decrease indicated by minus sign)				
Non-Durable Goods (cont'd)						
Beverages & Tobacco:						
Tobacco	10.0	+ 24.9	- 4.6	- 0.9	+ 2.5	19
Brewing	9.7	+ 53.9	+ 61.9	+ 31.4	+ 9.9	19
Distilling	4.2	+123.1	+ 51.8	+ 8.5	- 0.3	19
Textile Products:						
Hosiery & Knit Goods	24.8	+ 34.6	+ 14.3	+ 11.6	+ 6.2	20
Cotton Yarn & Cloth	21.2	+ 14.5	- 7.2	+ 1.1	+ 32.2	20*
Woollen Yarn & Cloth	14.8	+ 58.7	+ 15.7	+ 17.5	+ 7.1	20
Silk, Artificial Silk	14.5	+ 98.8	+ 38.7	+ 24.8	+ 8.1	21
Garments & Furnishing	53.7	+ 57.5	+ 6.3	+ 8.1	+ 7.1	21
Leather Products:						
Tanning	5.6	+ 48.8	+ 22.6	+ 20.3	+ 5.1	22
Footwear	19.9	+ 28.1	+ 12.2	+ 9.9	- 0.4	22
Gloves & Mitts	2.5	+103.8	- 12.8	+ 0.7	- 3.2	22
Other Leather Goods	4.2	+ 93.5	+ 5.5	+ 9.9	- 2.5	22
Fur & Rubber:						
Fur	4.0	+ 44.2	+ 22.3	+ 8.8	+ 1.0	23
Rubber	24.8	+ 80.8	+ 55.3	+ 8.3	+ 20.7	23*
Pulp & Paper Products:						
Printing & Publishing	40.4	+ 41.4	+ 34.3	+ 20.6	+ 6.3	24
Pulp & Paper	51.0	+ 66.2	+ 36.1	+ 25.3	+ 11.2	24
Paper Products	21.6	+102.4	+ 34.1	+ 20.6	+ 9.0	24
Non-Metallic Minerals:						
Coal Products	3.3	+ 19.0	+ 7.1	+ 3.8	- 6.1	25
Petroleum	9.8	+ 42.0	+ 16.1	+ 6.9	+ 3.1	25
Chemicals:						
Drugs	8.9	+ 99.3	+ 23.3	+ 4.2	- 0.1	26
Soap	3.2	+ 52.9	+ 19.2	+ 11.1	- 2.7	26
Fertilizer	3.0	+104.1	+ 46.0	+ 41.7	+ 9.2	26
Paints & Varnishes	5.2	+ 72.6	+ 37.4	+ 19.7	+ 1.7	27
Acids, Alkalies & Salts	5.3	+117.0	- 22.1	- 10.0	+ 0.3	27
Compressed Gases	1.7	+137.0	+ 2.0	- 3.2	+ 6.7	27
(Special War Expanded Industries)						
Explosives	3.4	+ 55.6	- 89.6	- 80.7	+ 1.5	28
Ammunition	1.2	- 51.8	- 93.8	- 85.9	+ 1.1	29

* Strikes

	Number of Employees Reported by Co-operating Firms at July 1, 1947	Reported Employment at July 1, 1947 Compared with July 1 in				See Chart Number
		1939	1943	1945	1946	
	(000's)	P.C.	P.C.	P.C.	P.C.	
		(Decrease indicated by minus sign)				
2. Durable Goods						
Lumber & Its Products:						
Furniture	14.9	+ 93.4	+ 39.9	+ 22.7	+ 5.9	30
Rough & Dressed Lumber	48.5	+ 51.1	+ 29.1	+ 21.2	+ 22.1	30
Wooden Containers	9.5	+ 89.7	+ 21.6	+ 6.6	+ 8.8	30
Clay, Glass & Stone Products:						
Clay	5.9	+ 74.1	+ 93.8	+ 59.7	+ 87.9	25
Stone	8.4	+109.7	+ 25.6	+ 36.9	+ 13.2	25
Glass	7.2	+ 99.4	+ 19.1	+ 15.1	- 0.8	25
Primary Metals:						
Primary Steel	36.0	+114.3	+ 2.3	+ 11.6	+ 6.1	31*
Lead, Zinc & Copper	16.7	+115.4	- 50.8	- 15.2	+ 10.4	31*
Non-Ferrous Smelting & Refining	12.5	+ 26.9	- 14.2	- 2.1	+ 11.5	32
Aluminum	12.1	+236.9	- 43.1	- 8.8	+ 18.0	32
Iron & Its Products:						
Machinery	30.1	+128.2	+ 5.2	+ 18.7	+ 9.9	33
Railway Cars & Parts	43.5	+ 60.0	- 0.7	- 1.4	+ 1.1	33
Railway Locomotives	8.8	+ 74.8	- 23.8	- 23.3	- 16.1	33
Foundries & Machine Shops	8.4	+111.0	- 3.5	- 4.3	+ 3.9	34
Tools	7.5	+104.7	- 31.0	- 13.4	- 4.9	34
Iron & Steel Fabrication	10.7	+ 92.5	- 33.8	- 19.2	+ 15.3	34
Farm Implements	16.1	+265.4	+ 42.7	+ 33.8	+ 17.2	35
Boilers, Tanks & Engines	7.4	+125.0	- 8.5	+ 3.8	+ 6.8	35
Wire Products	5.4	+ 54.1	+ 2.0	+ 1.5	- 6.5	36*
Heating Appliances	6.3	+ 51.4	+ 13.2	+ 1.9	- 0.7	36
Sheet Metal Products	15.5	+138.0	+ 19.0	+ 2.9	+ 3.3	36
Small Hardware	6.4	+155.4	- 2.6	+ 13.2	+ 4.1	36
Automobiles	20.3	+173.8	- 5.8	+ 7.1	+ 23.2	37*
(Special War Expanded Industries)						
Airplanes	10.8	+188.1	- 85.8	- 79.9	- 21.1	38
Shipbuilding	23.9	+720.8	- 67.2	- 60.9	- 3.9	39
Firearms	0.7	n.a.	- 98.2	- 96.1	- 58.5	40

* Strikes

CHART BOOK

OF

EMPLOYMENT AND PAYROLLS IN CANADIAN INDUSTRIES

* Also shown on the chart for certain non-durable goods industries are charts for clay, glass and stone products.

CHART NO. 1

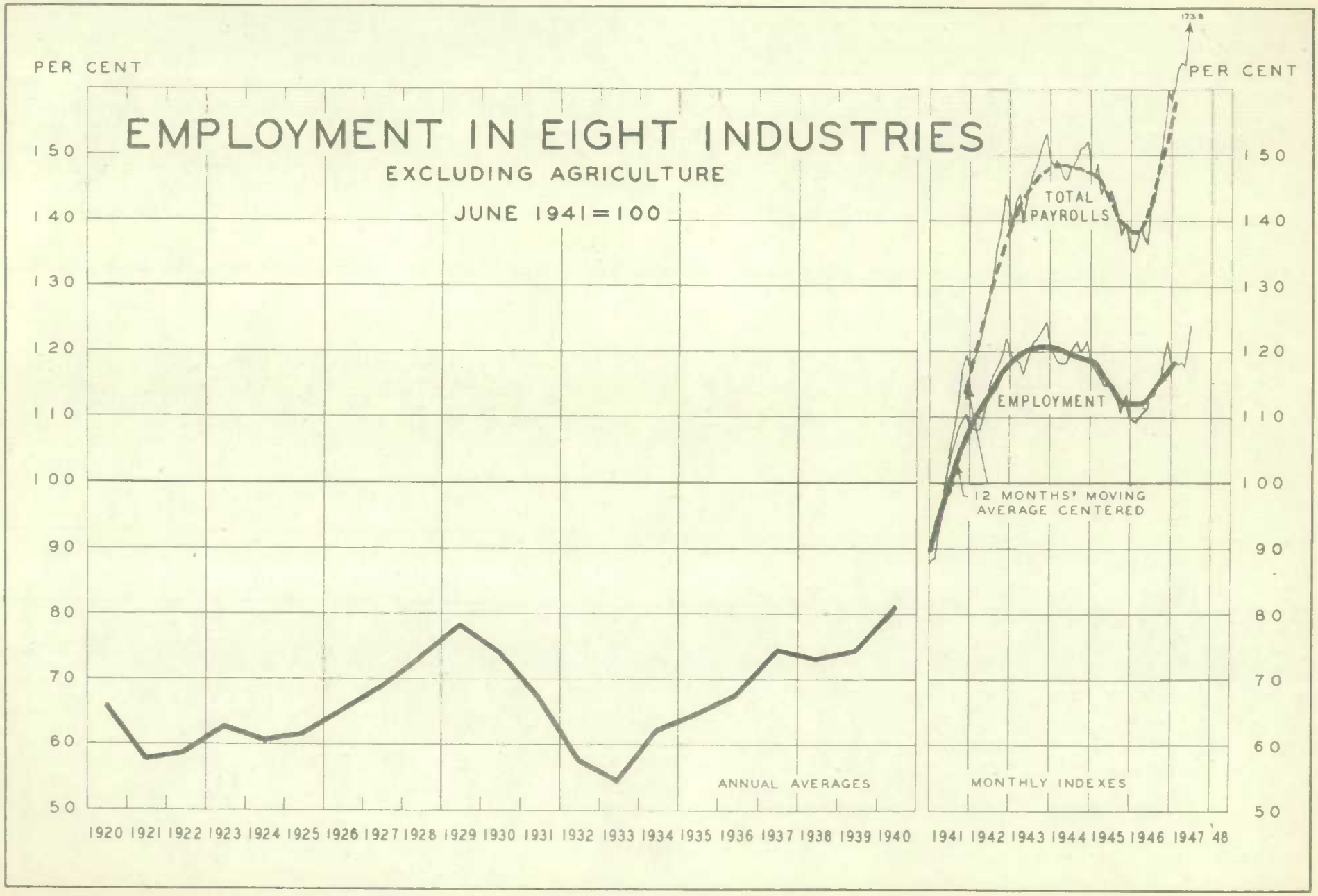

EMPLOYMENT IN EIGHT INDUSTRIES
EXCLUDING AGRICULTURE
JUNE 1941=100
PER CENT
150
140
130
120
110
100
90
80
70
60
50
1920 1921 1922 1923 1924 1925 1926 1927 1928 1929 1930 1931 1932 1933 1934 1935 1936 1937 1938 1939 1940
ANNUAL AVERAGES
1941 1942 1943 1944 1945 1946 1947 '48
MONTHLY INDEXES
TOTAL PAYROLLS
EMPLOYMENT
12 MONTHS' MOVING AVERAGE CENTERED
173.8

CHART NO 2

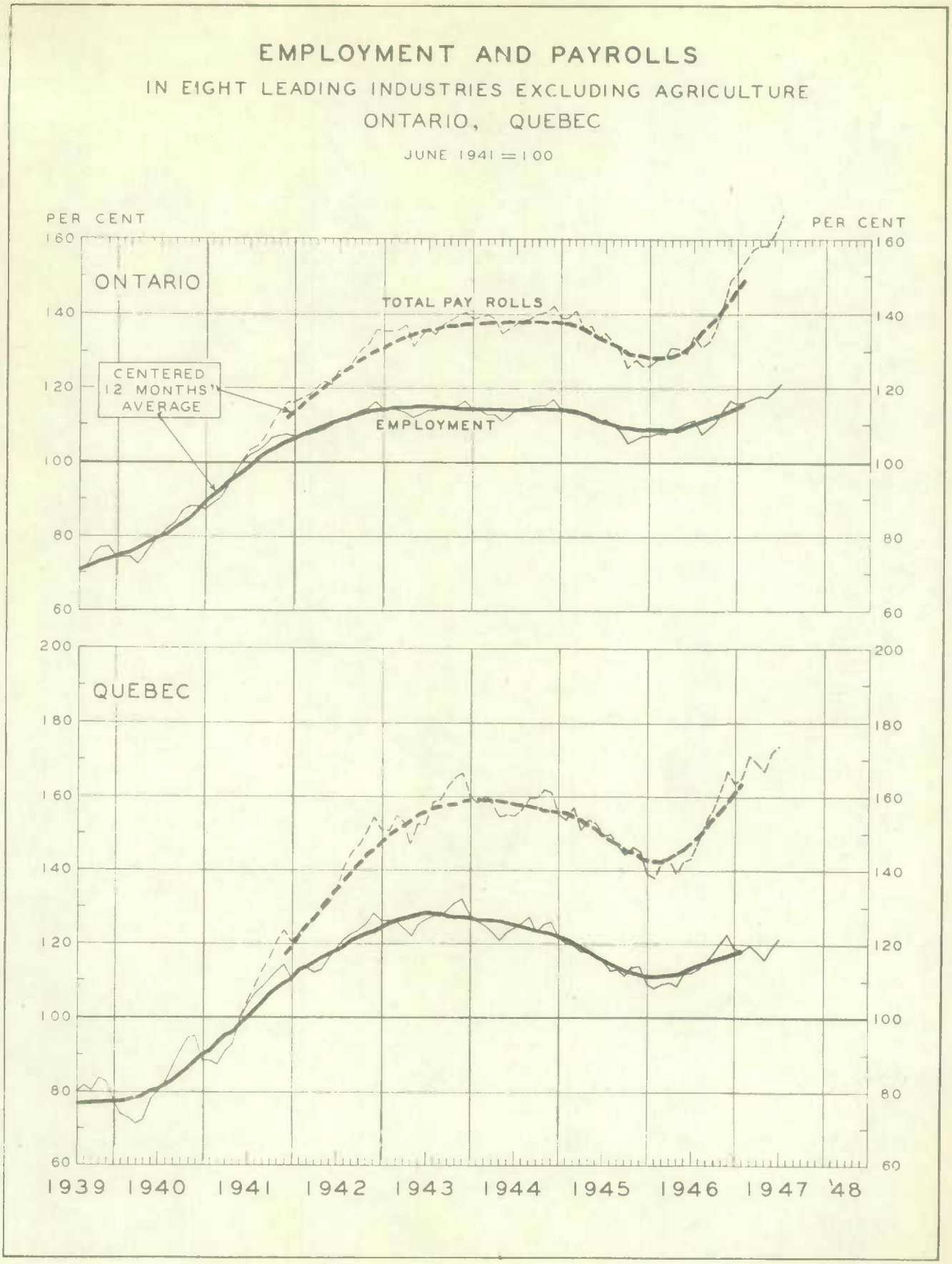

EMPLOYMENT AND PAYROLLS
IN EIGHT LEADING INDUSTRIES EXCLUDING AGRICULTURE
ONTARIO, QUEBEC
JUNE 1941 = 100
PER CENT
PER CENT
ONTARIO
TOTAL PAY ROLLS
CENTERED 12 MONTHS' AVERAGE
EMPLOYMENT
QUEBEC
160
140
120
100
80
60
200
180
160
140
120
100
80
60
1939
1940
1941
1942
1943
1944
1945
1946
1947
'48

CHART NO. 5

EMPLOYMENT AND PAYROLLS

IN EIGHT LEADING INDUSTRIES EXCLUDING AGRICULTURE

BRITISH COLUMBIA, PRAIRIES, MARITIMES

JUNE 1941 = 100

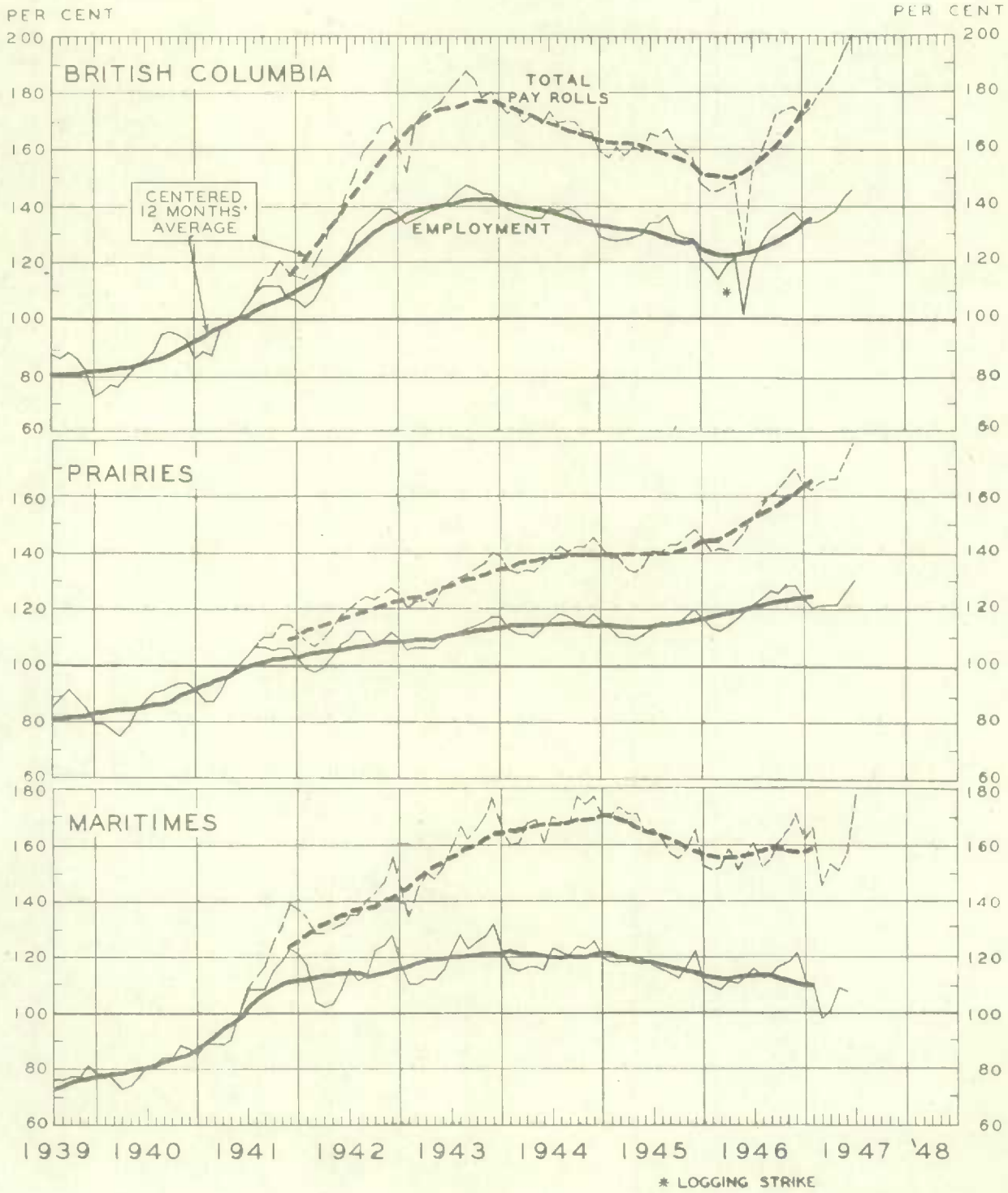


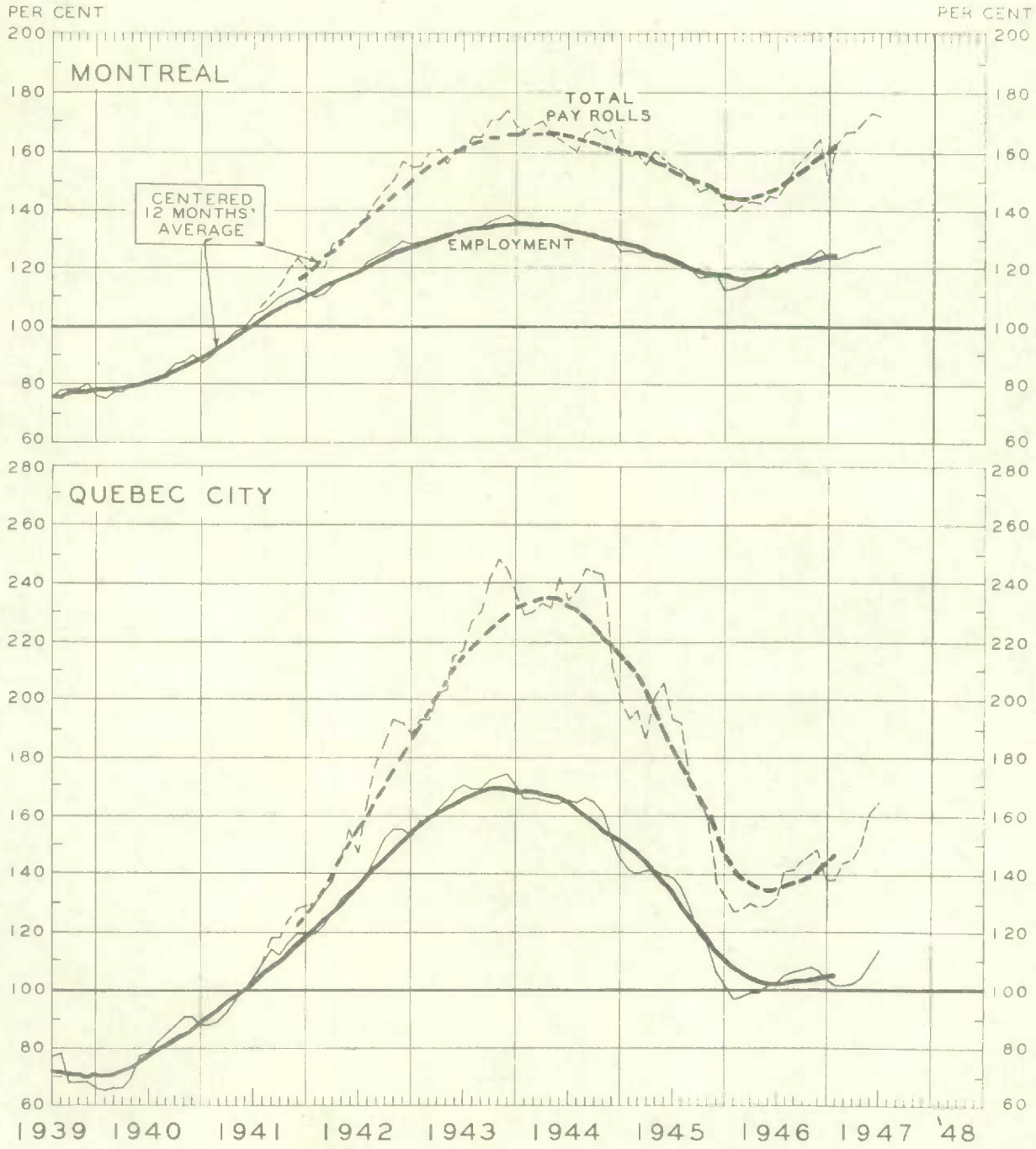
CHART NO. 4

EMPLOYMENT AND PAYROLLS

IN EIGHT LEADING INDUSTRIES EXCLUDING AGRICULTURE

MONTREAL, QUEBEC

JUNE 1941 = 100



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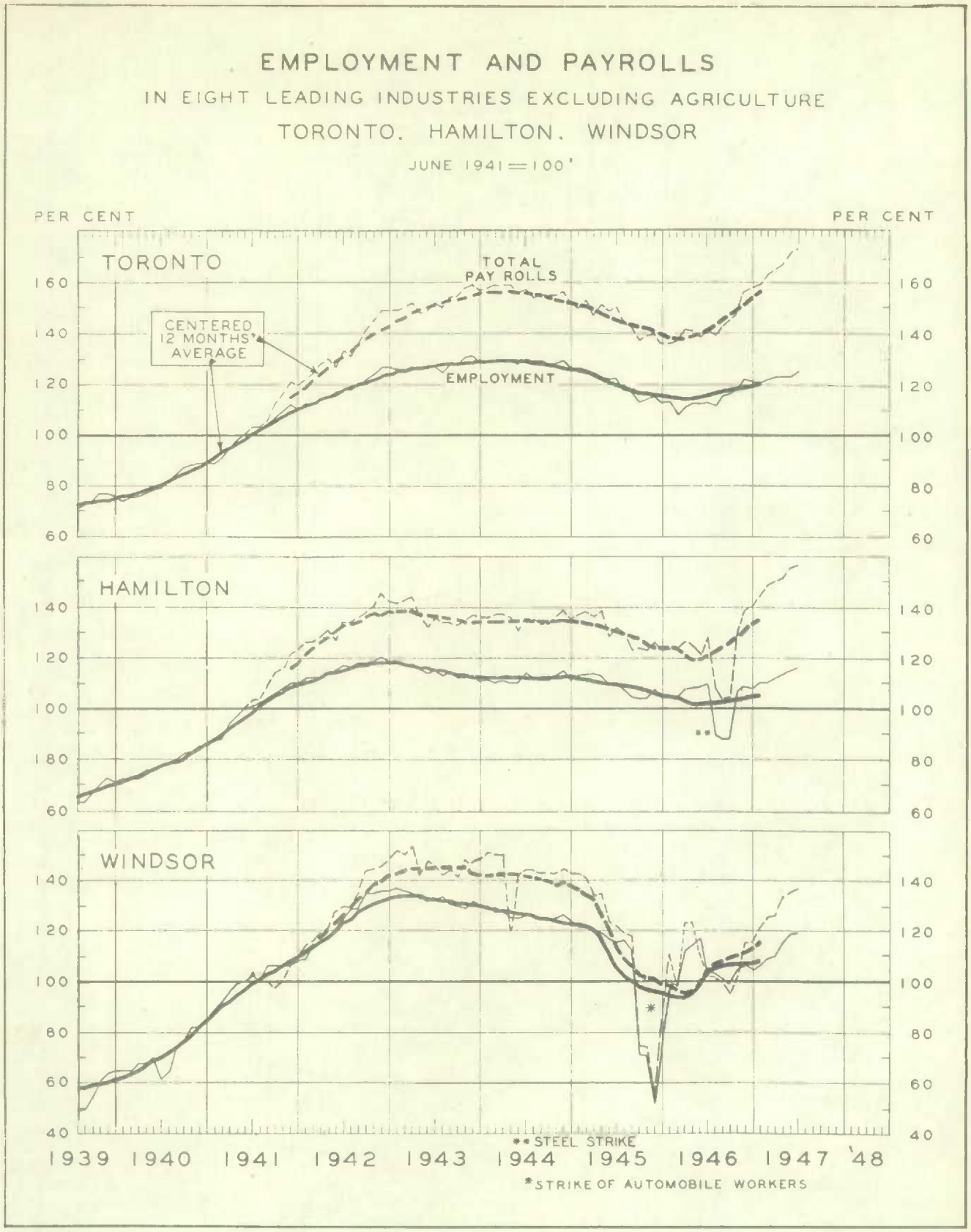

EMPLOYMENT AND PAYROLLS
IN EIGHT LEADING INDUSTRIES EXCLUDING AGRICULTURE
TORONTO. HAMILTON. WINDSOR
JUNE 1941 = 100
PER CENT
PER CENT
TORONTO
TOTAL PAY ROLLS
CENTERED 12 MONTHS' AVERAGE
EMPLOYMENT
HAMILTON
WINDSOR
160
140
120
100
80
60
40
1939
1940
1941
1942
1943
1944
1945
1946
1947
'48
** STEEL STRIKE
* STRIKE OF AUTOMOBILE WORKERS

CHART NO 6

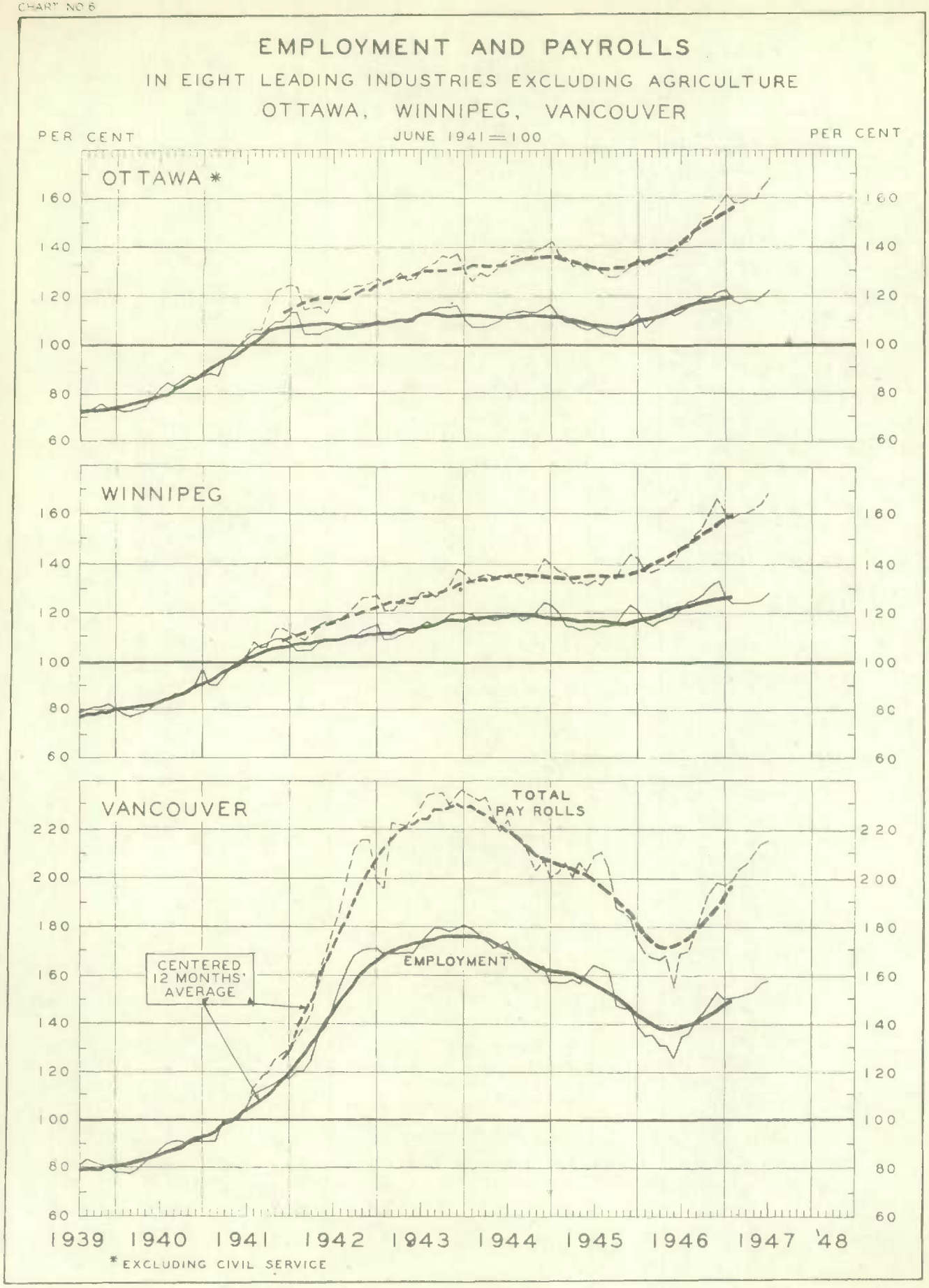

EMPLOYMENT AND PAYROLLS
IN EIGHT LEADING INDUSTRIES EXCLUDING AGRICULTURE
OTTAWA, WINNIPEG, VANCOUVER
PER CENT
JUNE 1941 = 100
PER CENT
OTTAWA *
WINNIPEG
VANCOUVER
TOTAL PAY ROLLS
EMPLOYMENT
CENTERED 12 MONTHS' AVERAGE
160
140
120
100
80
60
220
200
180
1939
1940
1941
1942
1943
1944
1945
1946
1947
'48
* EXCLUDING CIVIL SERVICE

CHART NO. 7

EMPLOYMENT AND PAYROLLS

MINING, CONSTRUCTION, MANUFACTURING

JUNE 1941 = 100

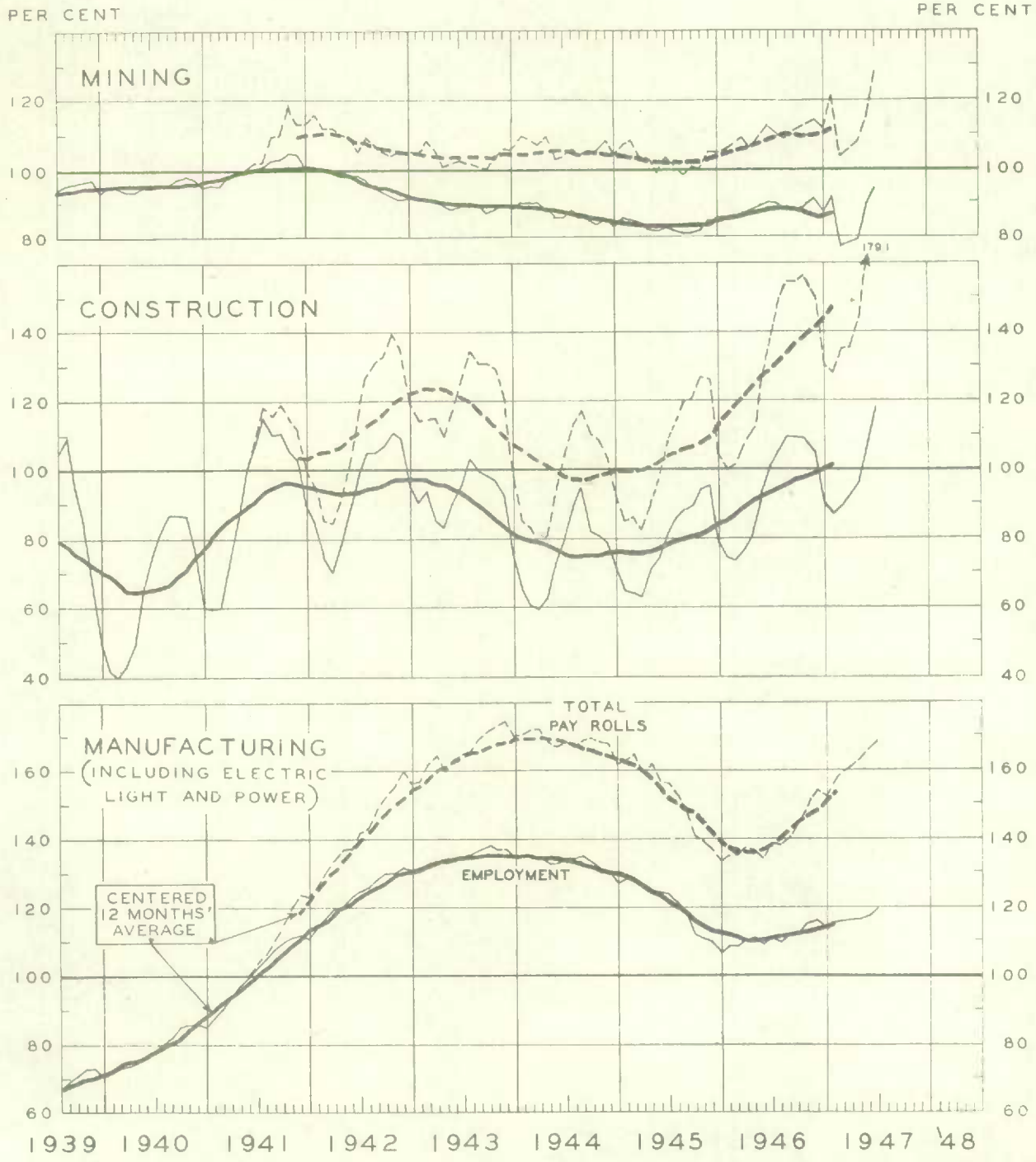


CHART NO 8

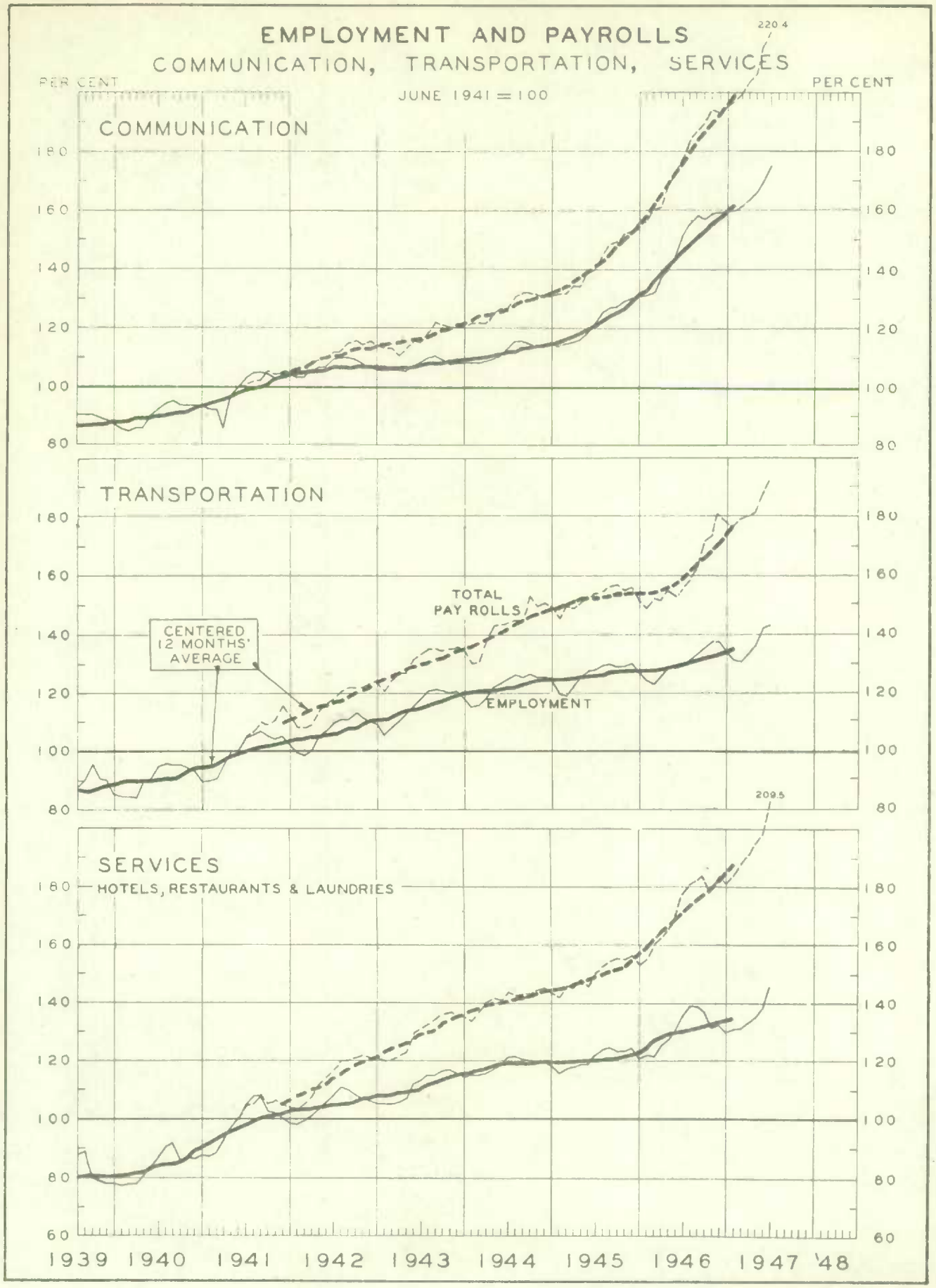

EMPLOYMENT AND PAYROLLS
COMMUNICATION, TRANSPORTATION, SERVICES
PER CENT
JUNE 1941 = 100
PER CENT
220.4
COMMUNICATION
TRANSPORTATION
TOTAL PAY ROLLS
CENTERED 12 MONTHS' AVERAGE
EMPLOYMENT
209.5
SERVICES
HOTELS, RESTAURANTS & LAUNDRIES
180
160
140
120
100
80
60
1939
1940
1941
1942
1943
1944
1945
1946
1947
'48

CHART NO. 9

EMPLOYMENT AND PAYROLLS

TRADE AND LOGGING

JUNE 1941 = 100

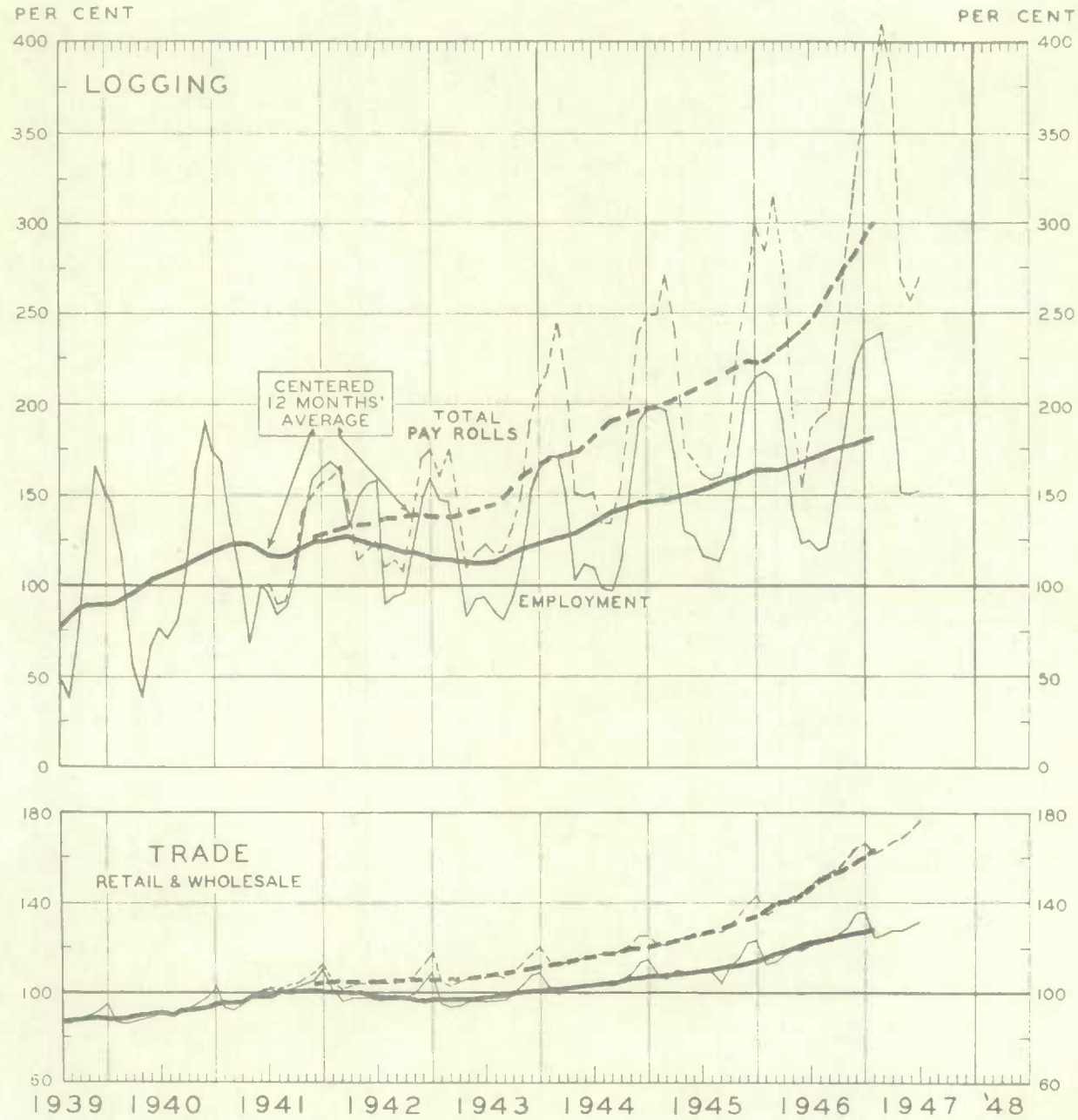


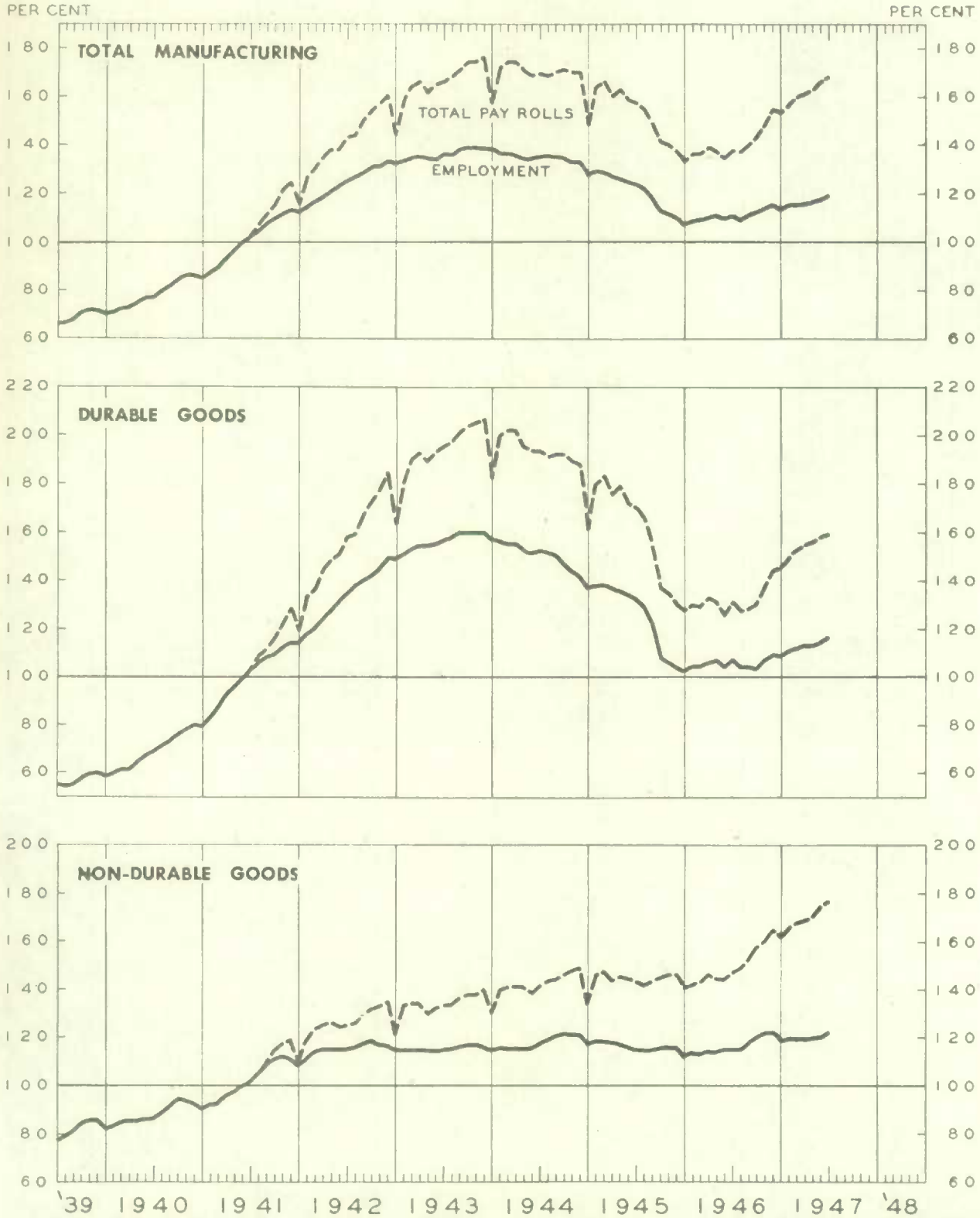
CHART NO. 10

AVERAGE PER CAPITA WEEKLY EARNINGS
EIGHT INDUSTRIES

CHART NO. 11

EMPLOYMENT AND PAY ROLLS IN MANUFACTURING

JUNE 1941=100



"DURABLE GOODS" INCLUDES IRON AND STEEL, NON-FERROUS METALS, ELECTRICAL APPARATUS, LUMBER AND CLAY, GLASS AND STONE PRODUCTS. THE REMAINDER "NON-DURABLE GOODS" INCLUDES TEXTILES, FOOD, BEVERAGES, TOBACCO, RUBBER, LEATHER, CHEMICALS AND FUELS.

CHART NO. 12

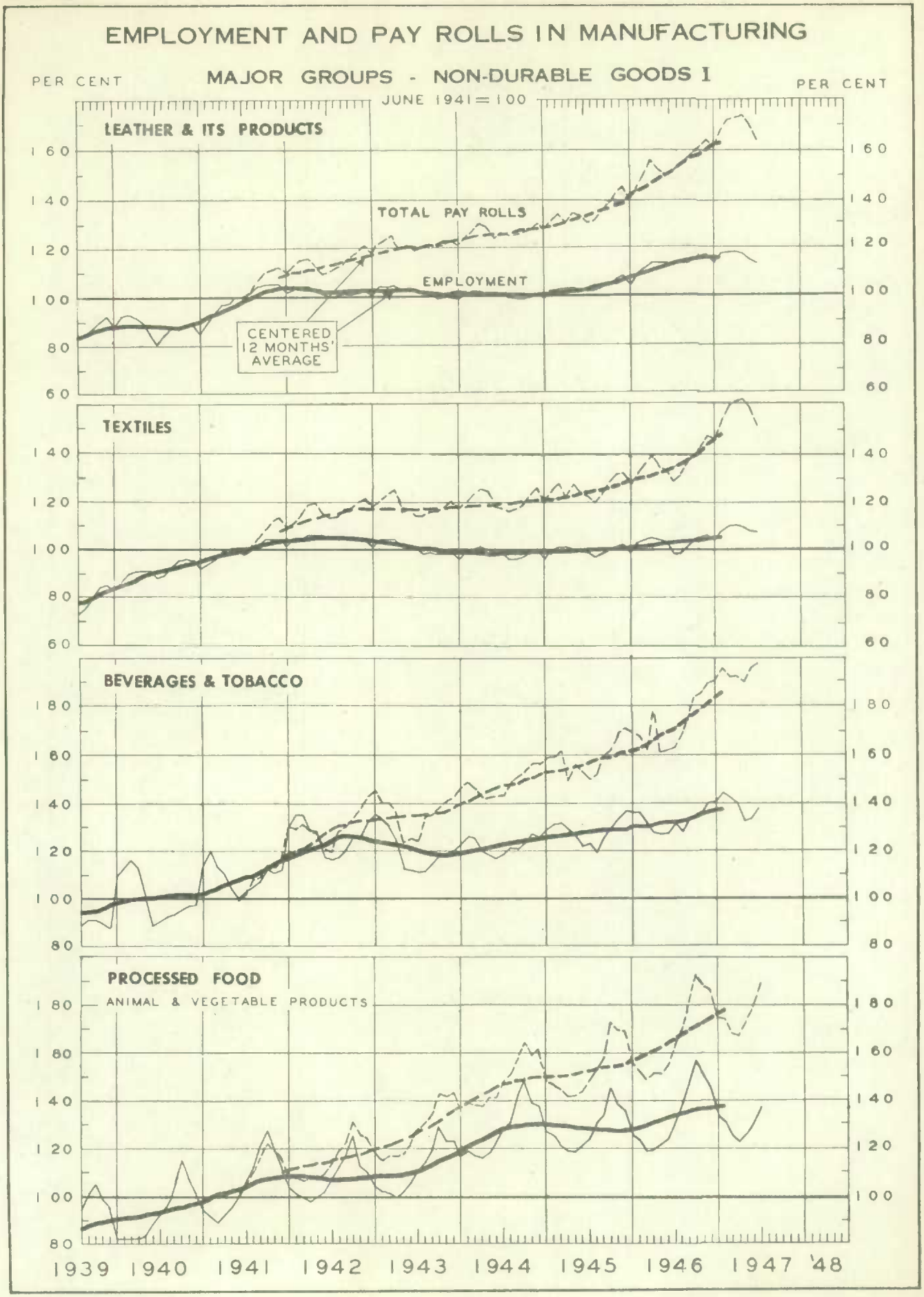

EMPLOYMENT AND PAY ROLLS IN MANUFACTURING
MAJOR GROUPS - NON-DURABLE GOODS I
PER CENT
PER CENT
JUNE 1941 = 100
LEATHER & ITS PRODUCTS
TOTAL PAY ROLLS
EMPLOYMENT
CENTERED 12 MONTHS' AVERAGE
TEXTILES
BEVERAGES & TOBACCO
PROCESSED FOOD
ANIMAL & VEGETABLE PRODUCTS
1939 1940 1941 1942 1943 1944 1945 1946 1947 '48

CHART NO. 13

EMPLOYMENT AND PAY ROLLS IN MANUFACTURING

MAJOR GROUPS - NON-DURABLE GOODS II

JUNE 1941 = 100

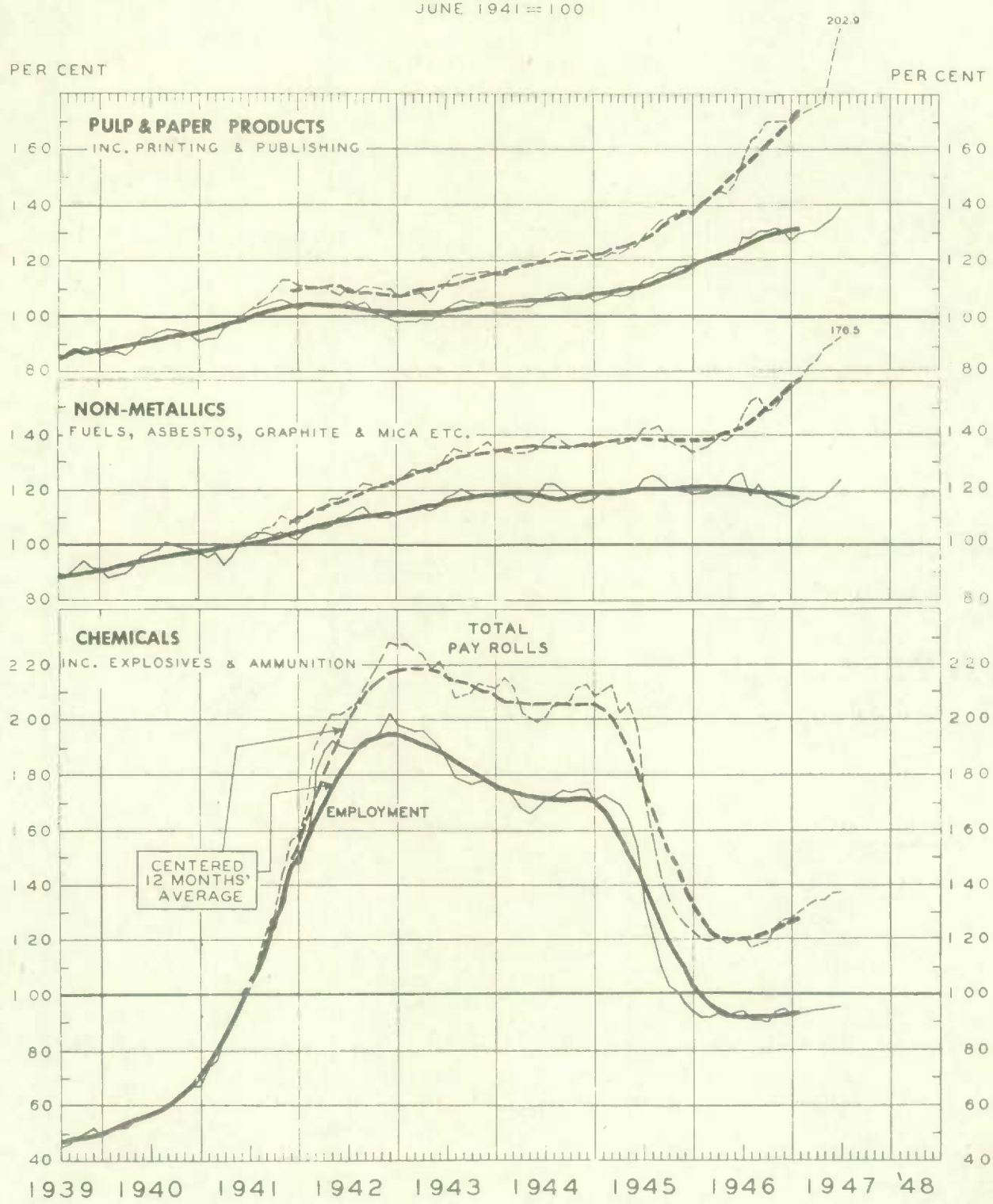


CHART NO 14

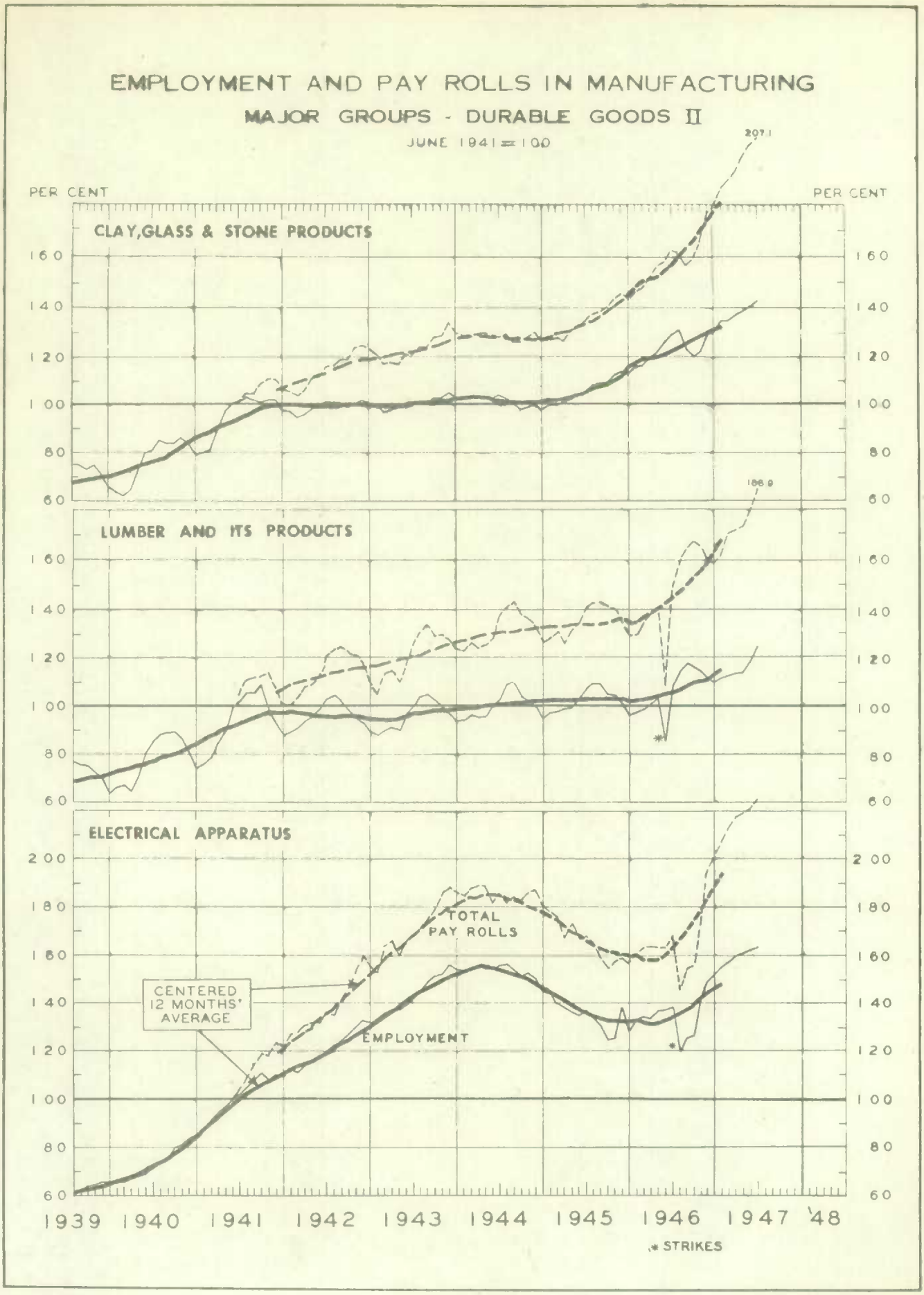

EMPLOYMENT AND PAY ROLLS IN MANUFACTURING
MAJOR GROUPS - DURABLE GOODS II
JUNE 1941 = 100
PER CENT
PER CENT
CLAY, GLASS & STONE PRODUCTS
207.1
LUMBER AND ITS PRODUCTS
188.9
ELECTRICAL APPARATUS
TOTAL PAY ROLLS
EMPLOYMENT
CENTERED 12 MONTHS' AVERAGE
1939 1940 1941 1942 1943 1944 1945 1946 1947 '48
* STRIKES

CHART NO 15

EMPLOYMENT AND PAY ROLLS IN MANUFACTURING

MAJOR GROUPS - DURABLE GOODS I

JUNE 1941 = 100

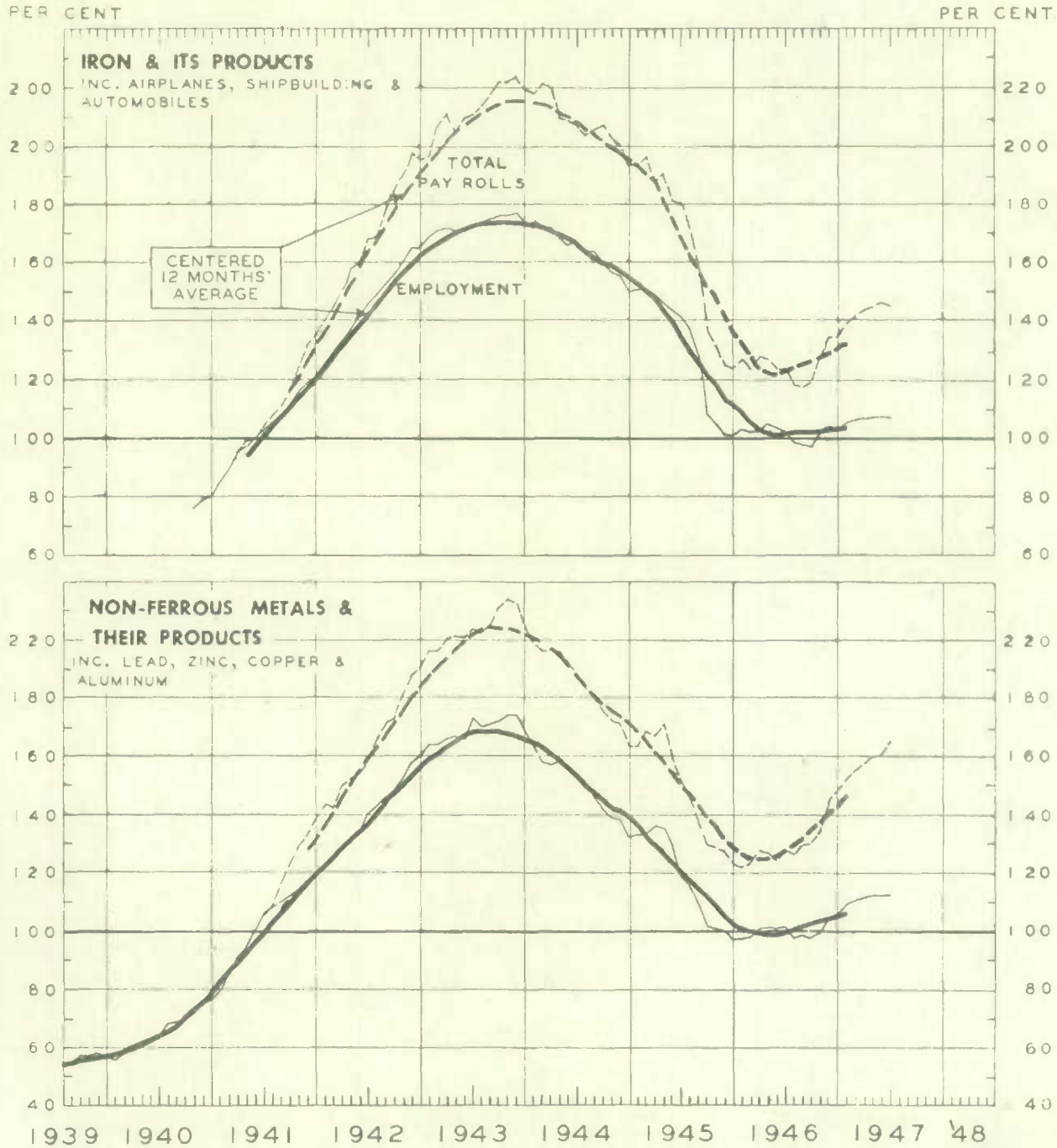


CHART NO 16

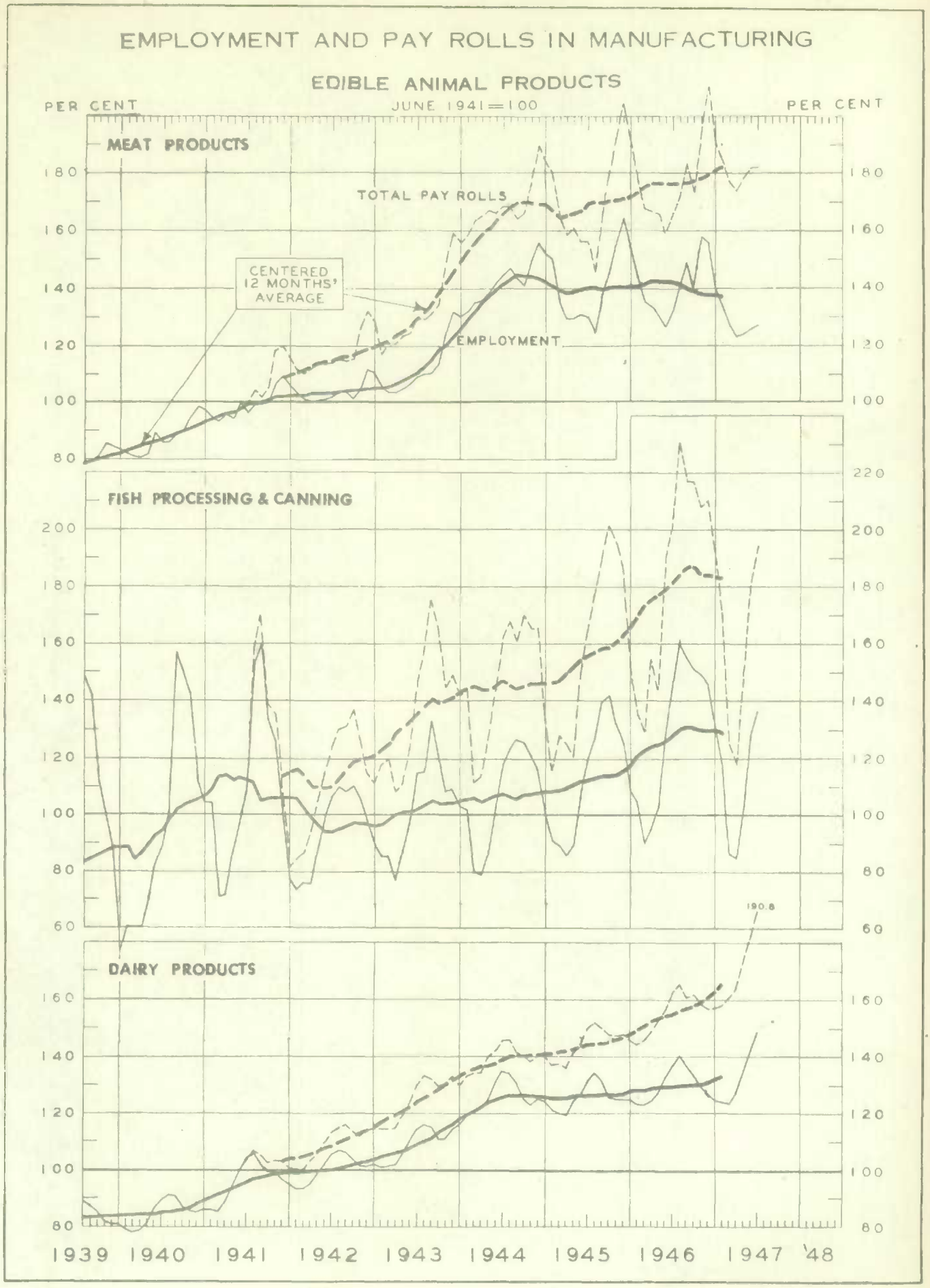

EMPLOYMENT AND PAY ROLLS IN MANUFACTURING
EDIBLE ANIMAL PRODUCTS
PER CENT
JUNE 1941=100
PER CENT
MEAT PRODUCTS
TOTAL PAY ROLLS
CENTERED 12 MONTHS' AVERAGE
EMPLOYMENT
FISH PROCESSING & CANNING
190.8
DAIRY PRODUCTS
1939 1940 1941 1942 1943 1944 1945 1946 1947 '48

CHART NO. 17

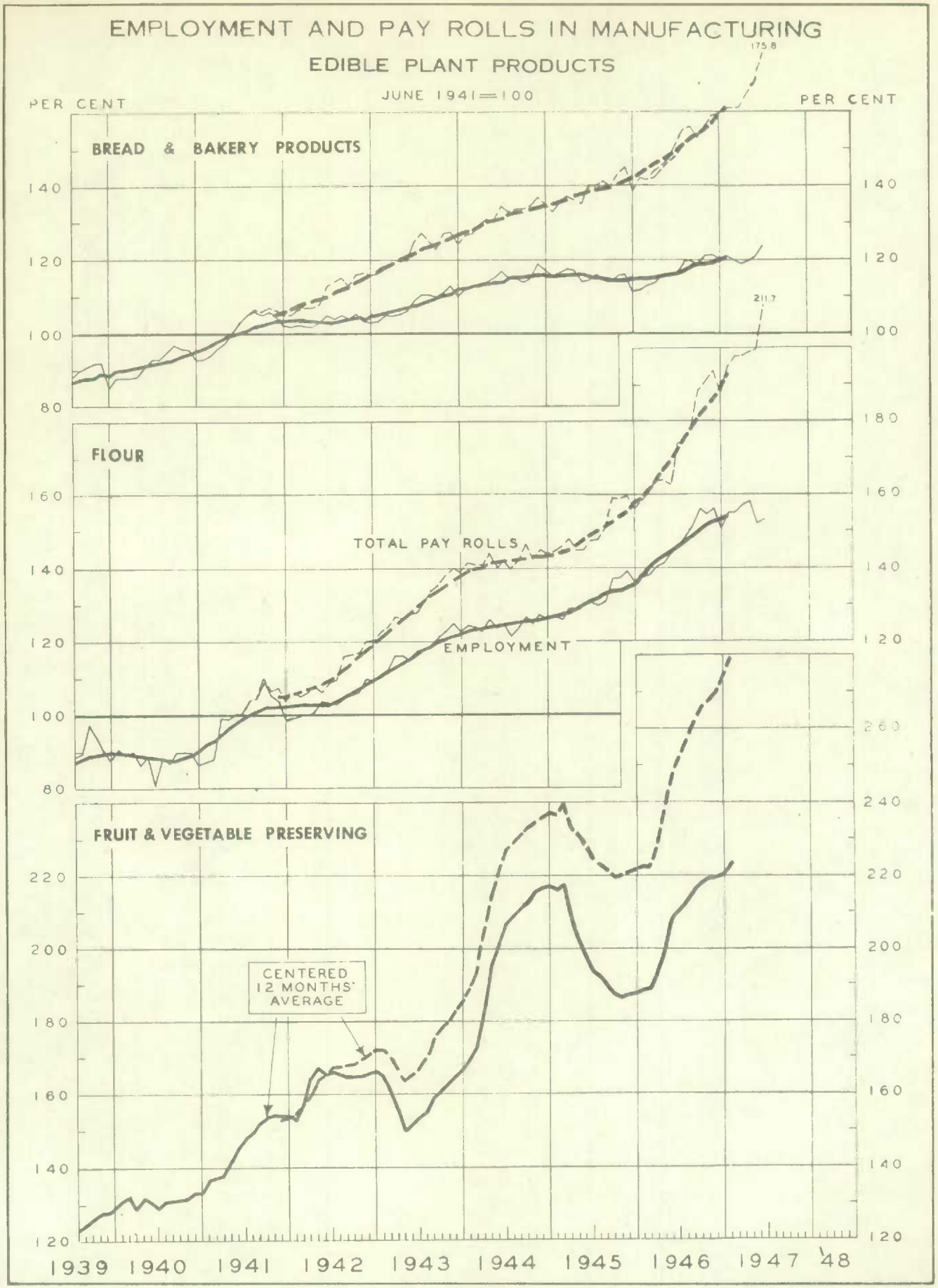

EMPLOYMENT AND PAY ROLLS IN MANUFACTURING
EDIBLE PLANT PRODUCTS
JUNE 1941=100
PER CENT
PER CENT
BREAD & BAKERY PRODUCTS
175.8
211.7
FLOUR
TOTAL PAY ROLLS
EMPLOYMENT
FRUIT & VEGETABLE PRESERVING
CENTERED 12 MONTHS' AVERAGE
140
120
100
80
160
180
220
200
240
260
1939
1940
1941
1942
1943
1944
1945
1946
1947
'48

CHART NO. 18

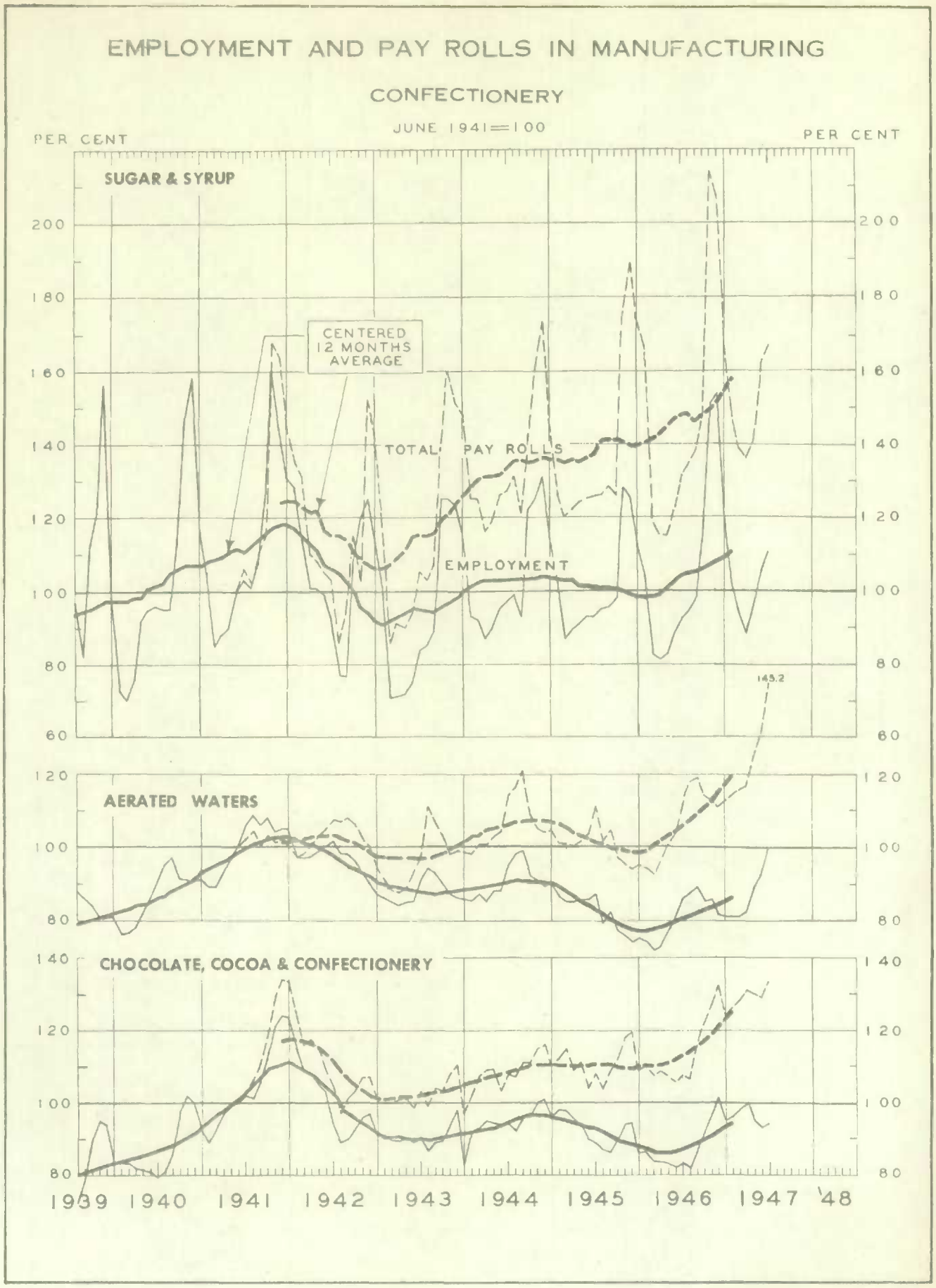

EMPLOYMENT AND PAY ROLLS IN MANUFACTURING
CONFECTIONERY
JUNE 1941=100
PER CENT
PER CENT
SUGAR & SYRUP
CENTERED 12 MONTHS AVERAGE
TOTAL PAY ROLLS
EMPLOYMENT
145.2
AERATED WATERS
CHOCOLATE, COCOA & CONFECTIONERY
200
180
160
140
120
100
80
60
1939
1940
1941
1942
1943
1944
1945
1946
1947
'48

CHART NO 19

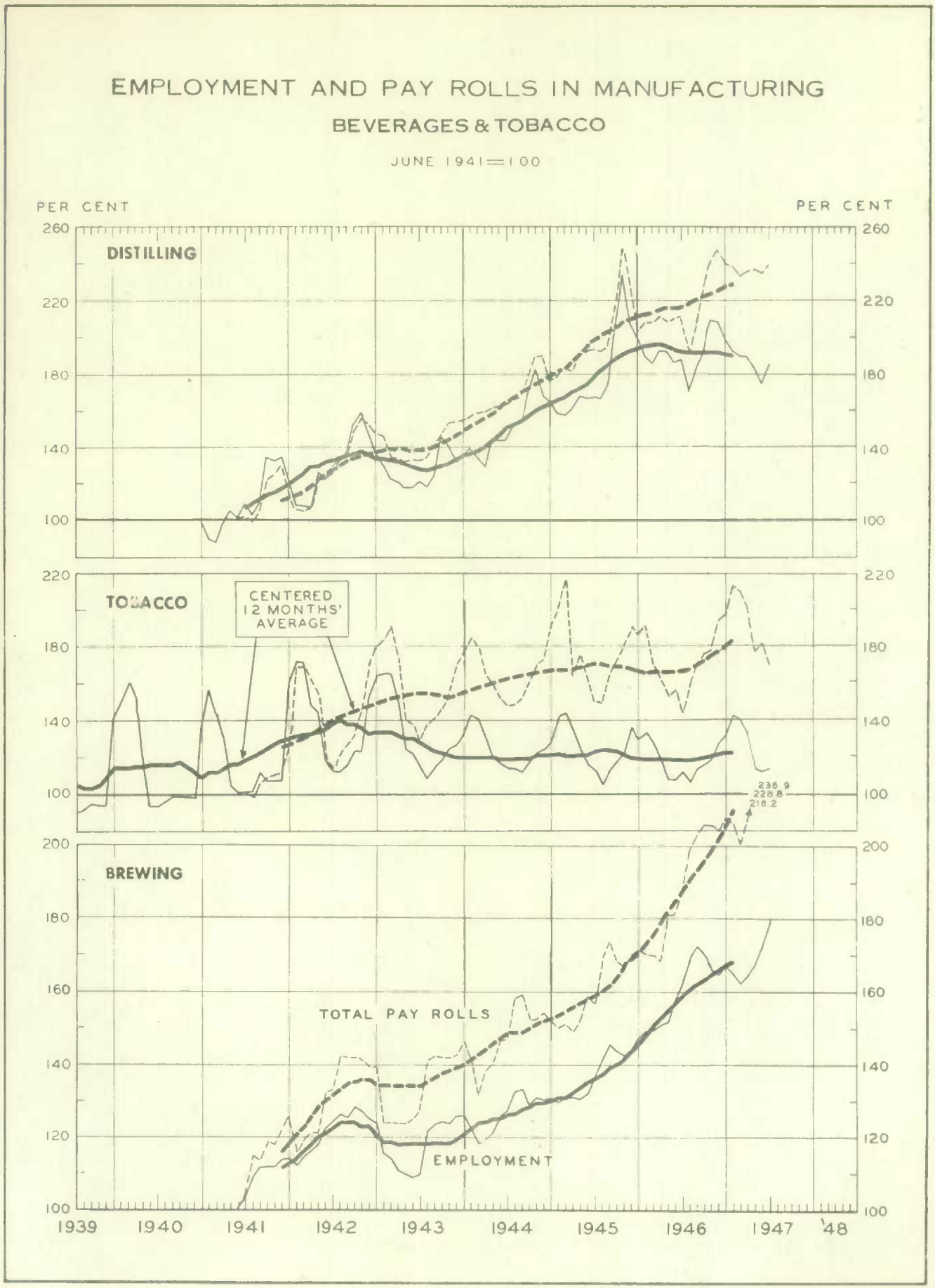

EMPLOYMENT AND PAY ROLLS IN MANUFACTURING
BEVERAGES & TOBACCO
JUNE 1941=100
PER CENT
PER CENT
DISTILLING
TOBACCO
CENTERED 12 MONTHS' AVERAGE
236.9
228.8
216.2
BREWING
TOTAL PAY ROLLS
EMPLOYMENT
260
220
180
140
100
200
160
120
1939
1940
1941
1942
1943
1944
1945
1946
1947
'48

CHART NO 20

EMPLOYMENT AND PAY ROLLS IN MANUFACTURING

TEXTILES

JUNE 1941 = 100

* STRIKE

CHART NO. 21

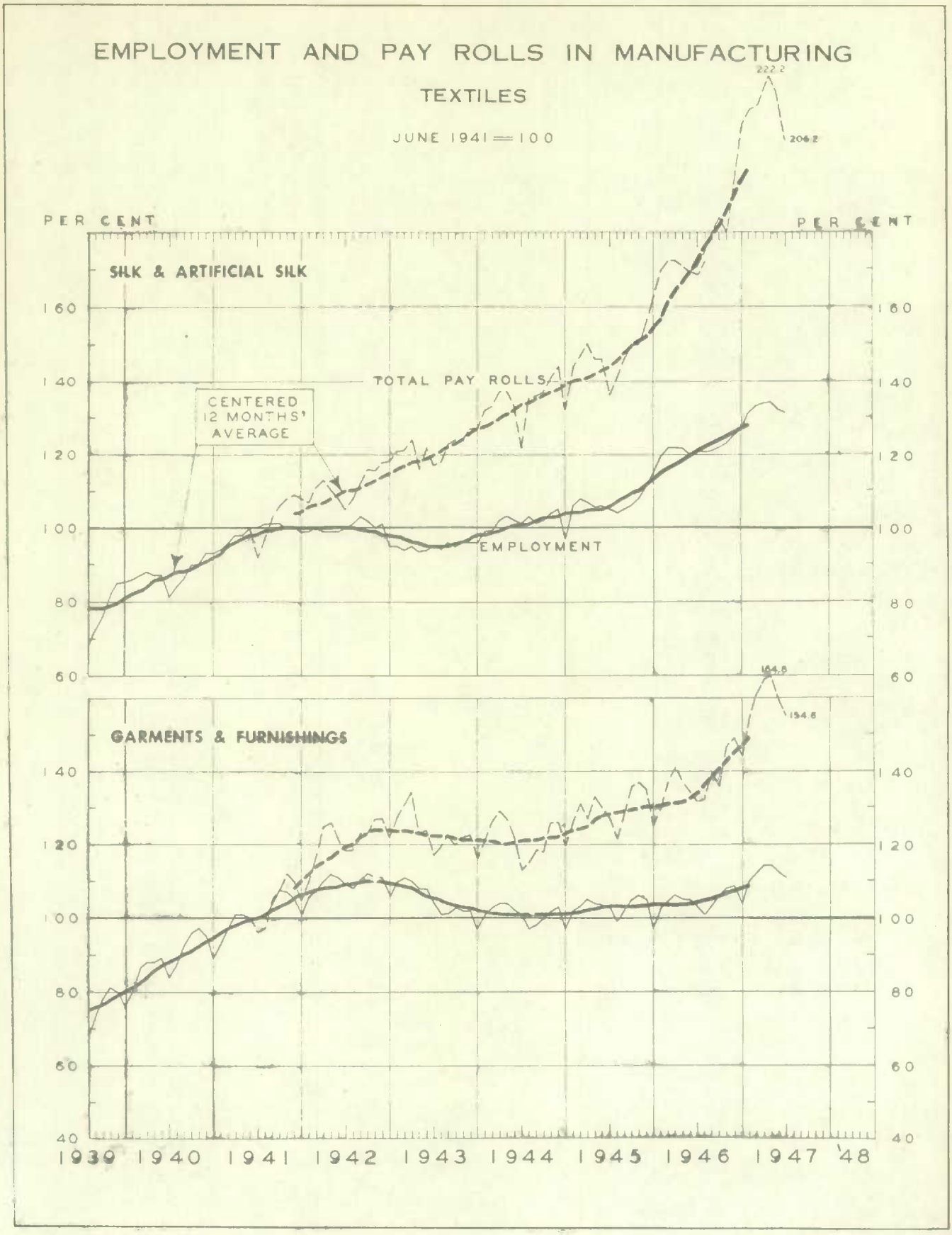

EMPLOYMENT AND PAY ROLLS IN MANUFACTURING
TEXTILES
JUNE 1941 = 100
PER CENT
PER CENT
SILK & ARTIFICIAL SILK
222.2
206.2
TOTAL PAY ROLLS
CENTERED 12 MONTHS' AVERAGE
EMPLOYMENT
GARMENTS & FURNISHINGS
164.8
154.8
160
140
120
100
80
60
40
1939
1940
1941
1942
1943
1944
1945
1946
1947
'48

CHART NO 22

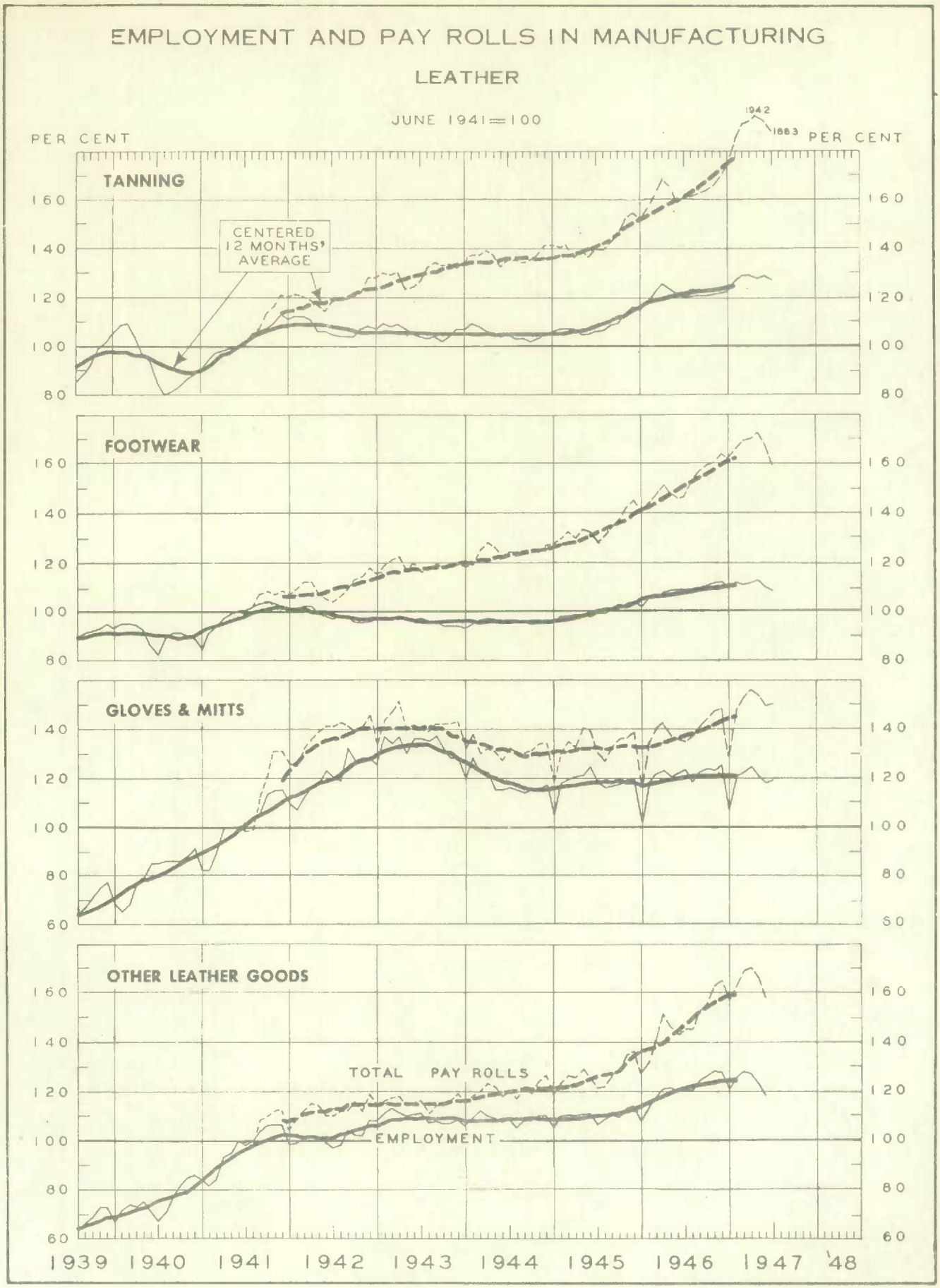

EMPLOYMENT AND PAY ROLLS IN MANUFACTURING
LEATHER
JUNE 1941=100
PER CENT
PER CENT
1942
1883
TANNING
CENTERED 12 MONTHS' AVERAGE
FOOTWEAR
GLOVES & MITTS
OTHER LEATHER GOODS
TOTAL PAY ROLLS
EMPLOYMENT
160
140
120
100
80
60
1939
1940
1941
1942
1943
1944
1945
1946
1947
'48

CHART NO. 23

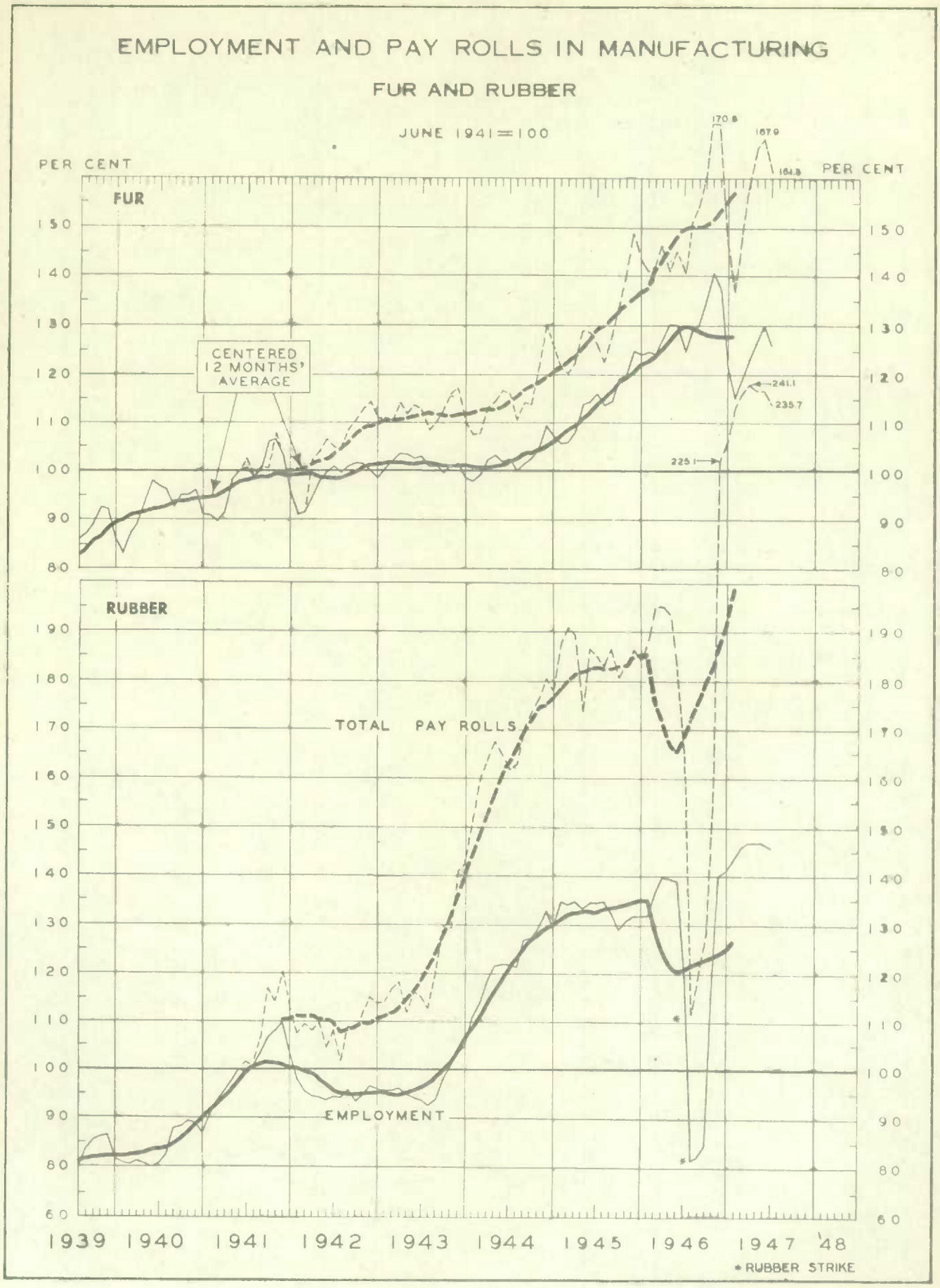

EMPLOYMENT AND PAY ROLLS IN MANUFACTURING
FUR AND RUBBER
JUNE 1941=100
PER CENT
PER CENT
FUR
CENTERED 12 MONTHS' AVERAGE
170.8
167.9
161.3
241.1
235.7
225.1
RUBBER
TOTAL PAY ROLLS
EMPLOYMENT
1939
1940
1941
1942
1943
1944
1945
1946
1947
'48
* RUBBER STRIKE

CHART NO 24

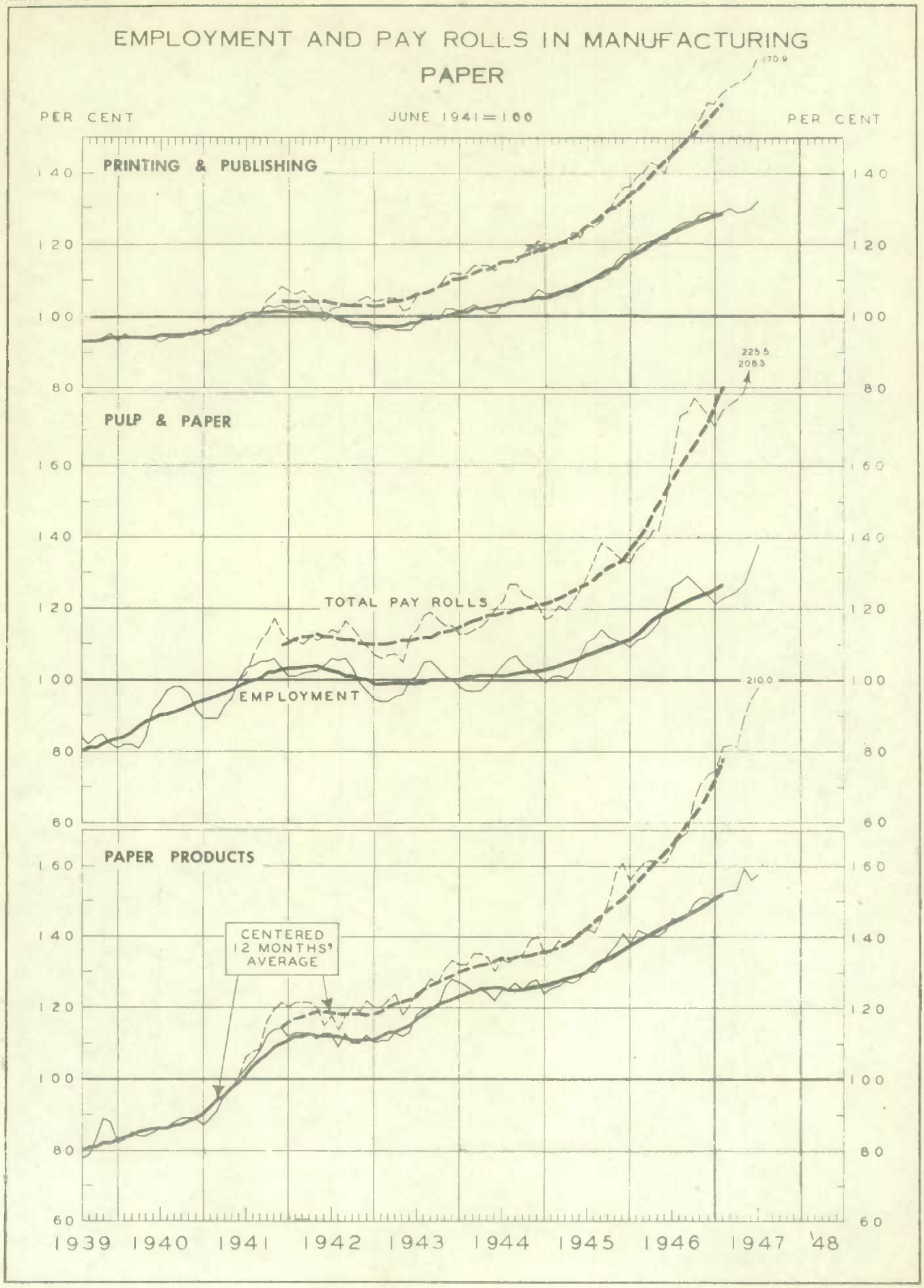

EMPLOYMENT AND PAY ROLLS IN MANUFACTURING
PAPER
PER CENT
JUNE 1941 = 100
PER CENT
PRINTING & PUBLISHING
170.9
PULP & PAPER
225.5
208.3
TOTAL PAY ROLLS
EMPLOYMENT
210.0
PAPER PRODUCTS
CENTERED 12 MONTHS' AVERAGE
140
120
100
80
160
60
1939
1940
1941
1942
1943
1944
1945
1946
1947
'48

CHART NO. 25

EMPLOYMENT AND PAY ROLLS IN MANUFACTURING

NON-METALLIC MINERALS

JUNE 1941 = 100

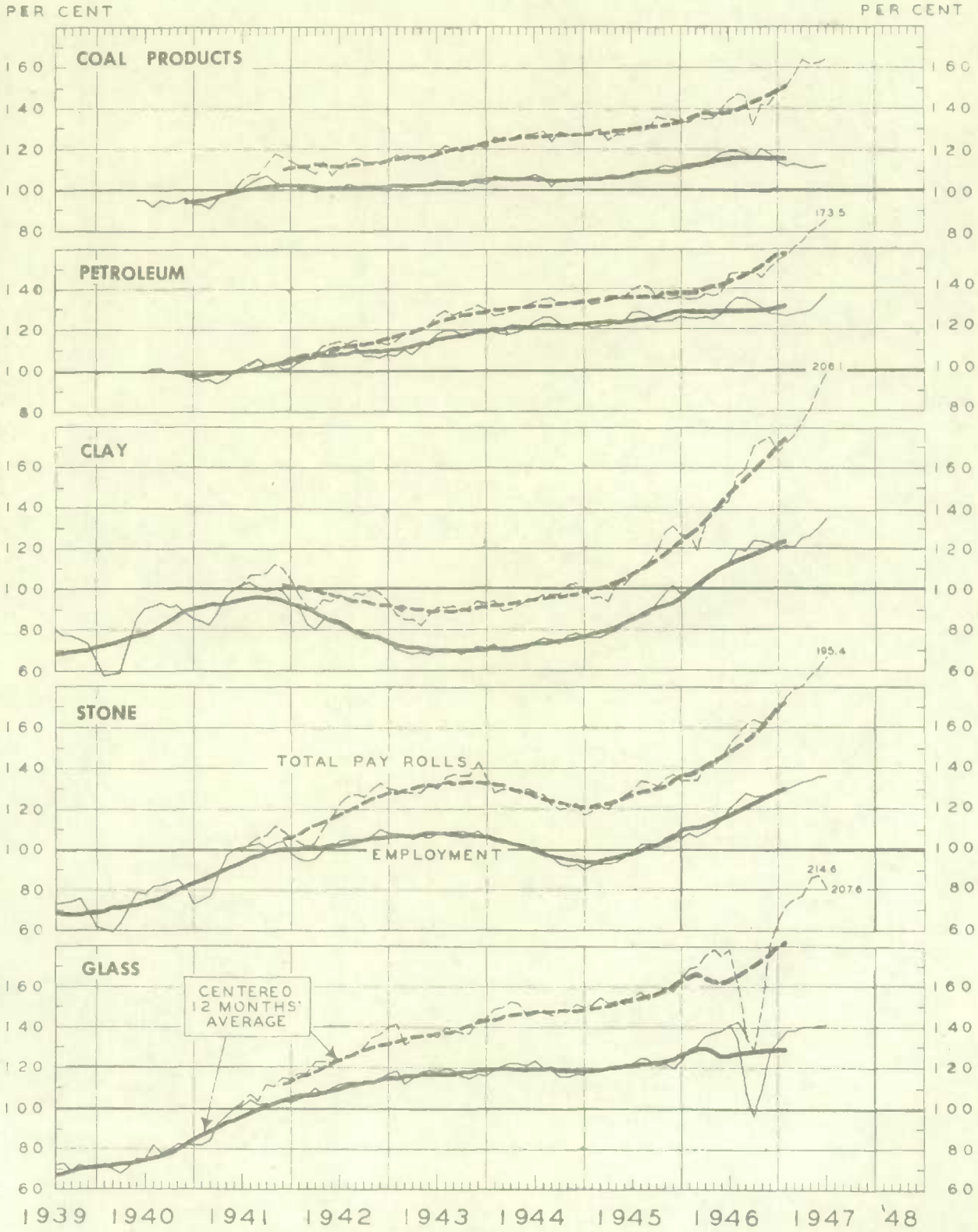


CHART NO 26

EMPLOYMENT AND PAY ROLLS IN MANUFACTURING

CHEMICALS I

JUNE 1941 = 100

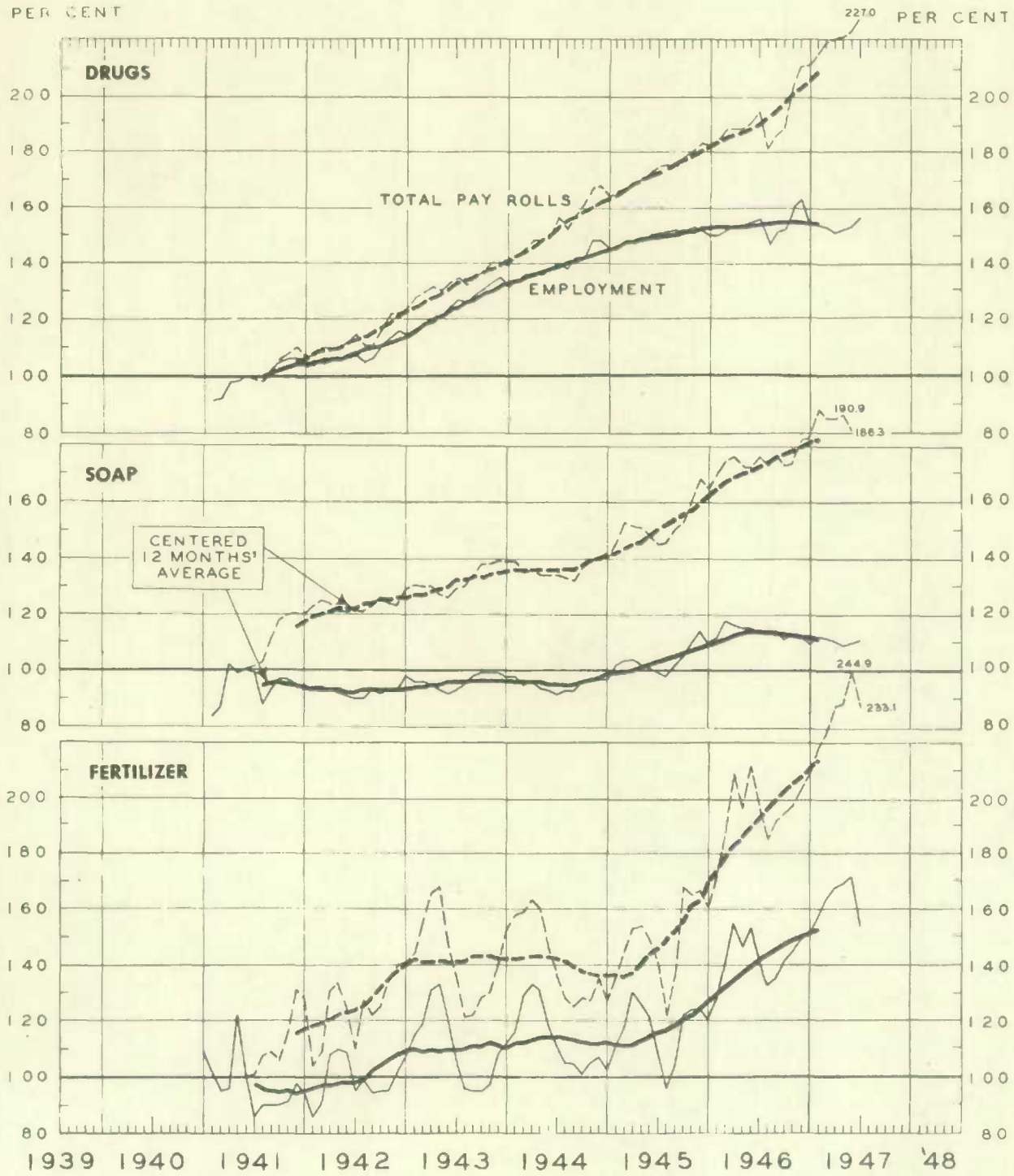


CHART NO 27

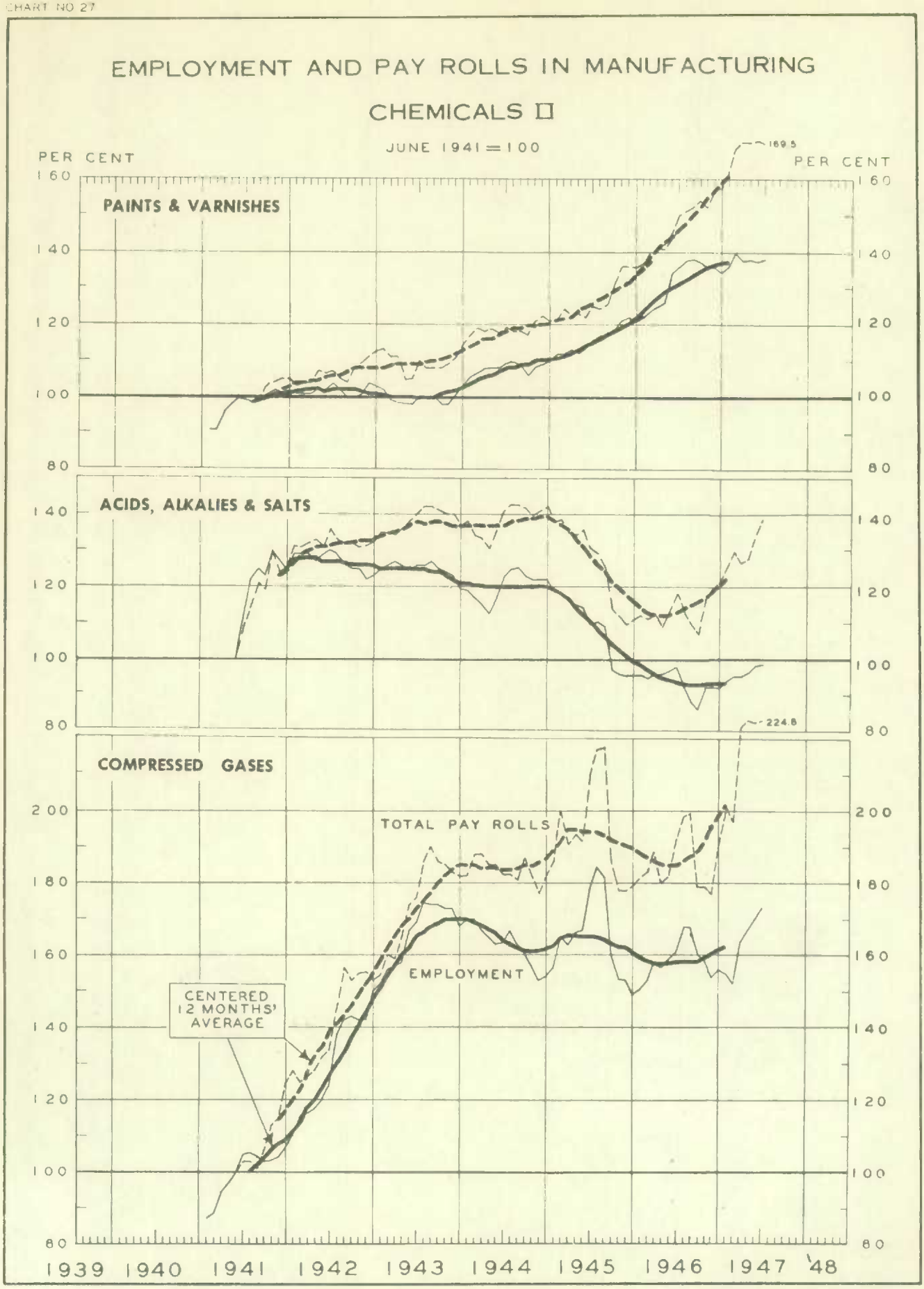

EMPLOYMENT AND PAY ROLLS IN MANUFACTURING
CHEMICALS II
JUNE 1941 = 100
PER CENT
PER CENT
PAINTS & VARNISHES
ACIDS, ALKALIES & SALTS
COMPRESSED GASES
189.5
224.8
TOTAL PAY ROLLS
EMPLOYMENT
CENTERED 12 MONTHS' AVERAGE
160
140
120
100
80
200
180
160
140
120
100
80
1939
1940
1941
1942
1943
1944
1945
1946
1947
'48

CHART NO. 28

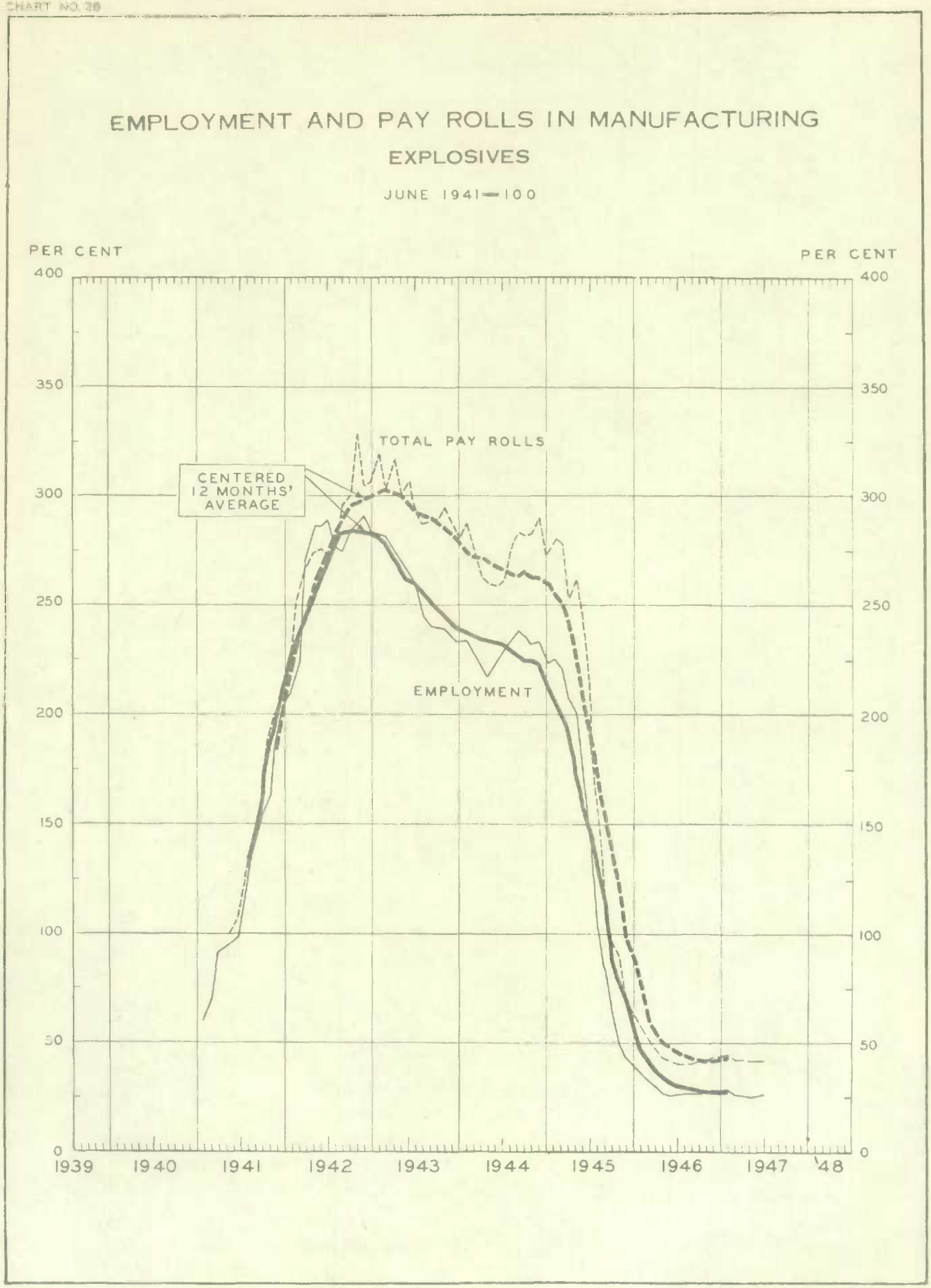

EMPLOYMENT AND PAY ROLLS IN MANUFACTURING
EXPLOSIVES
JUNE 1941 = 100
PER CENT
PER CENT
400
350
300
250
200
150
100
50
0
TOTAL PAY ROLLS
CENTERED 12 MONTHS' AVERAGE
EMPLOYMENT
1939
1940
1941
1942
1943
1944
1945
1946
1947
'48

CHART NO. 29

EMPLOYMENT AND PAY ROLLS IN MANUFACTURING

AMMUNITION

JUNE 1941 = 100

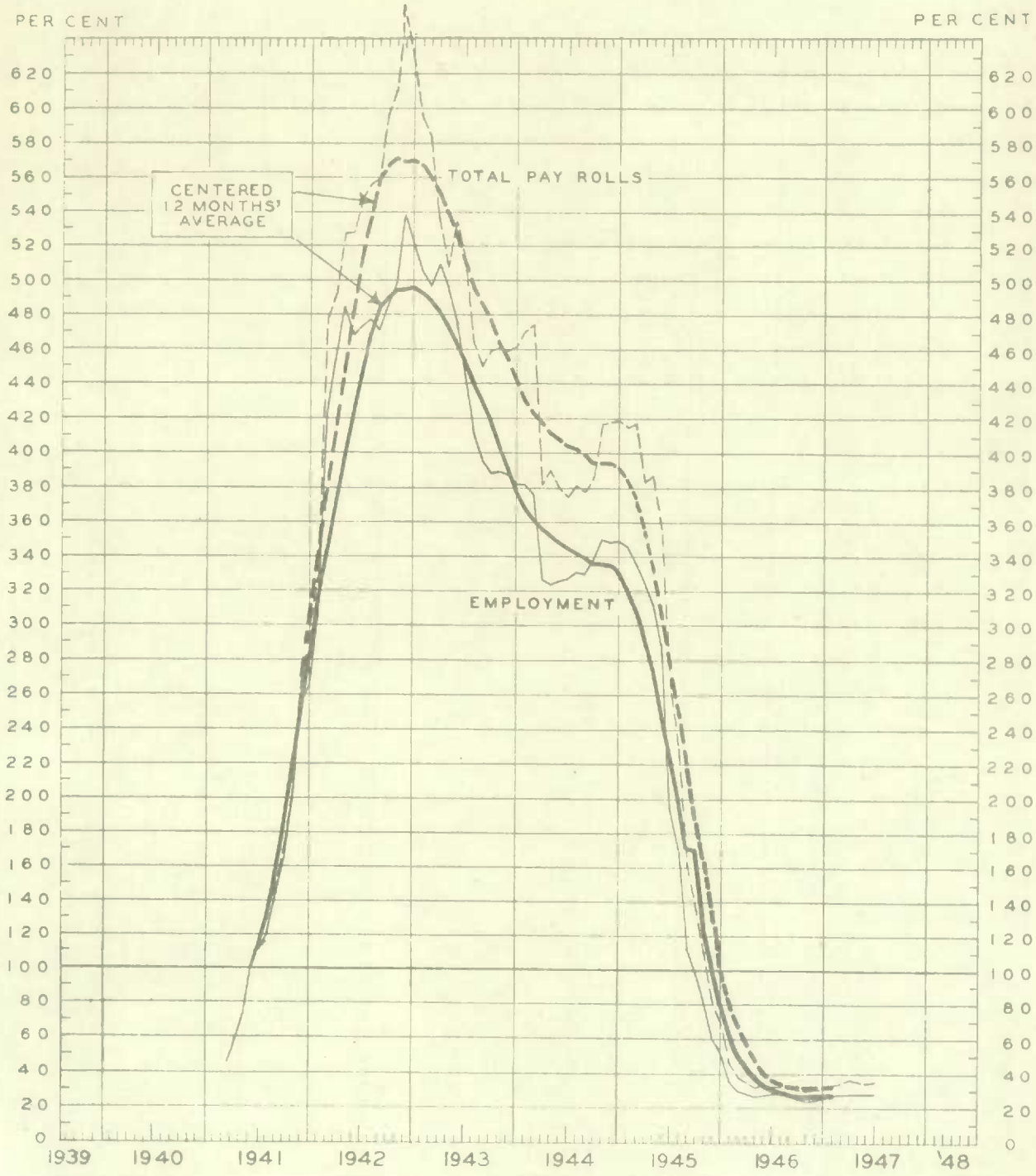
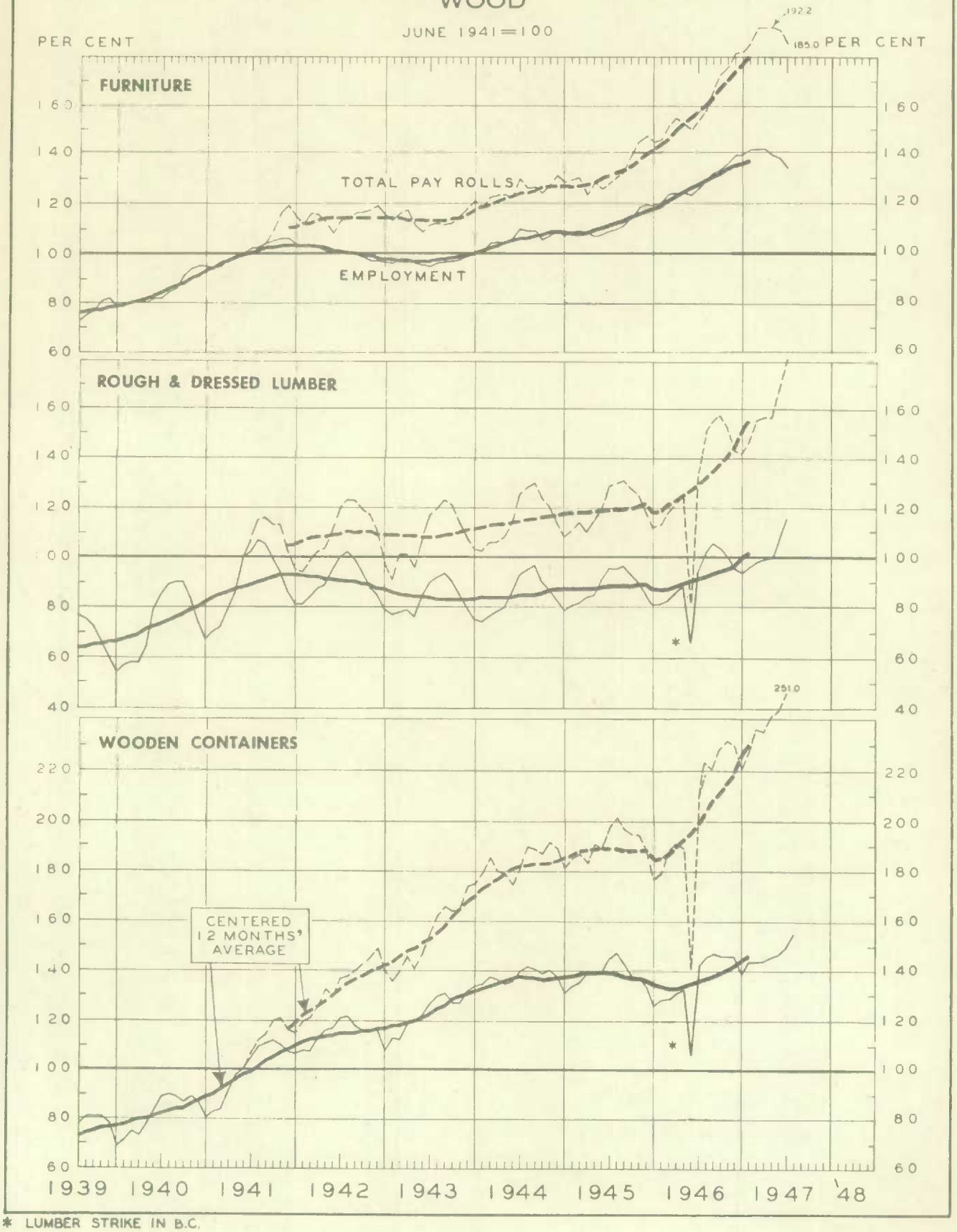


CHART NO. 30

EMPLOYMENT AND PAY ROLLS IN MANUFACTURING

WOOD

JUNE 1941=100



* LUMBER STRIKE IN B.C.

CHART NO. 31

EMPLOYMENT AND PAY ROLLS IN MANUFACTURING

PRIMARY METALS I

JUNE 1941 = 100

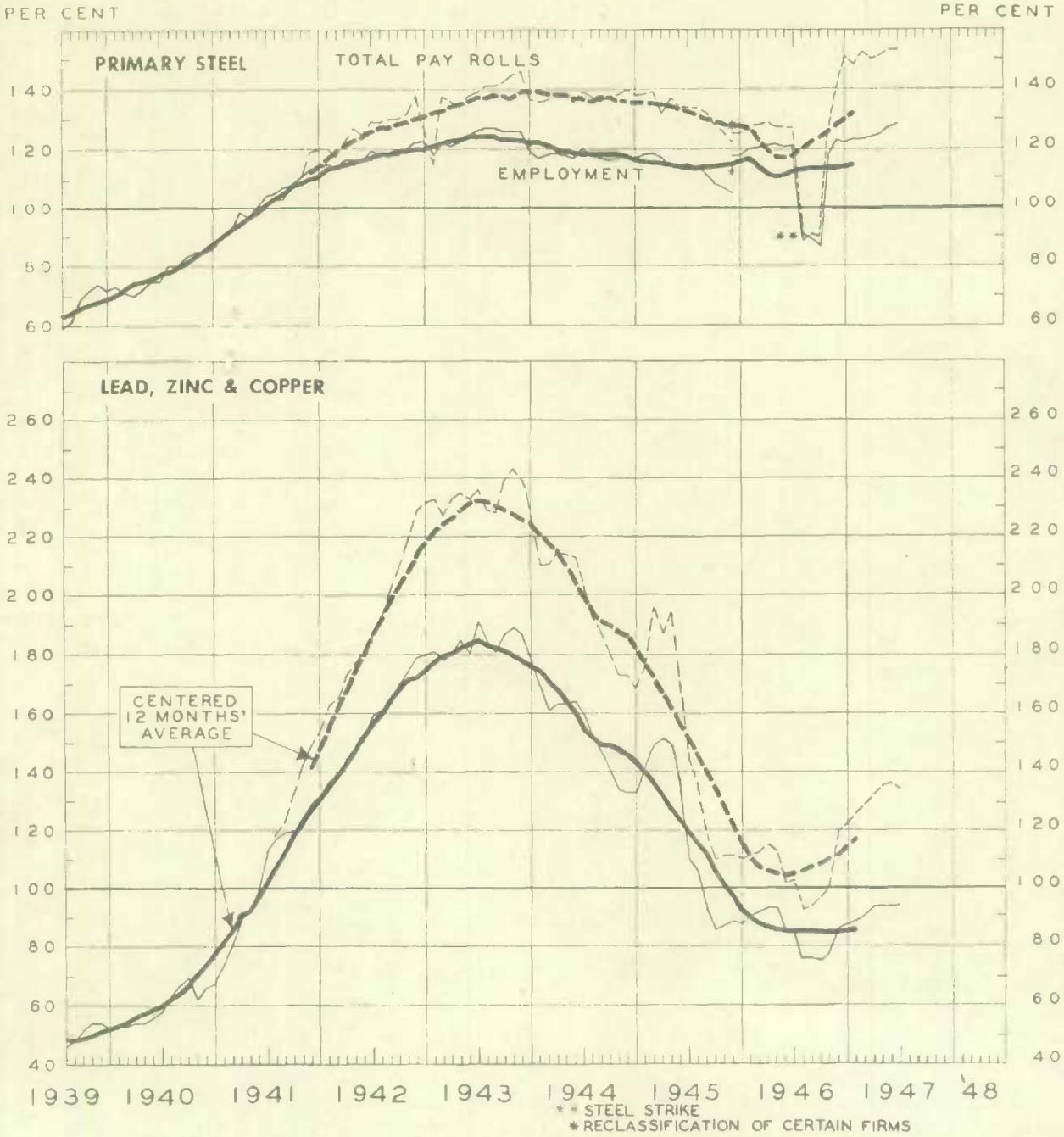


CHART NO 32

EMPLOYMENT AND PAY ROLLS IN MANUFACTURING

PRIMARY METALS II

JUNE 1941 = 100

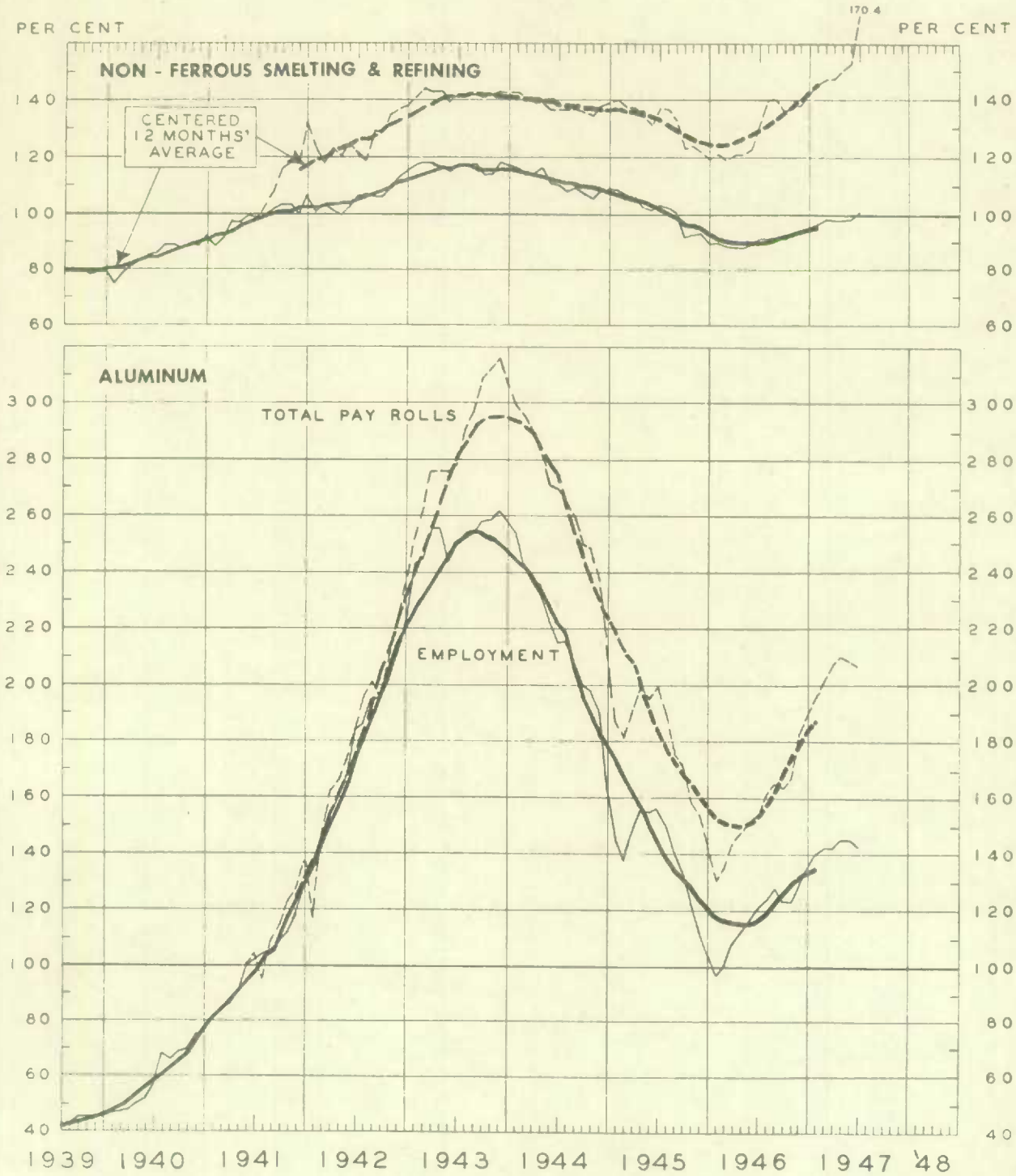


CHART NO. 33

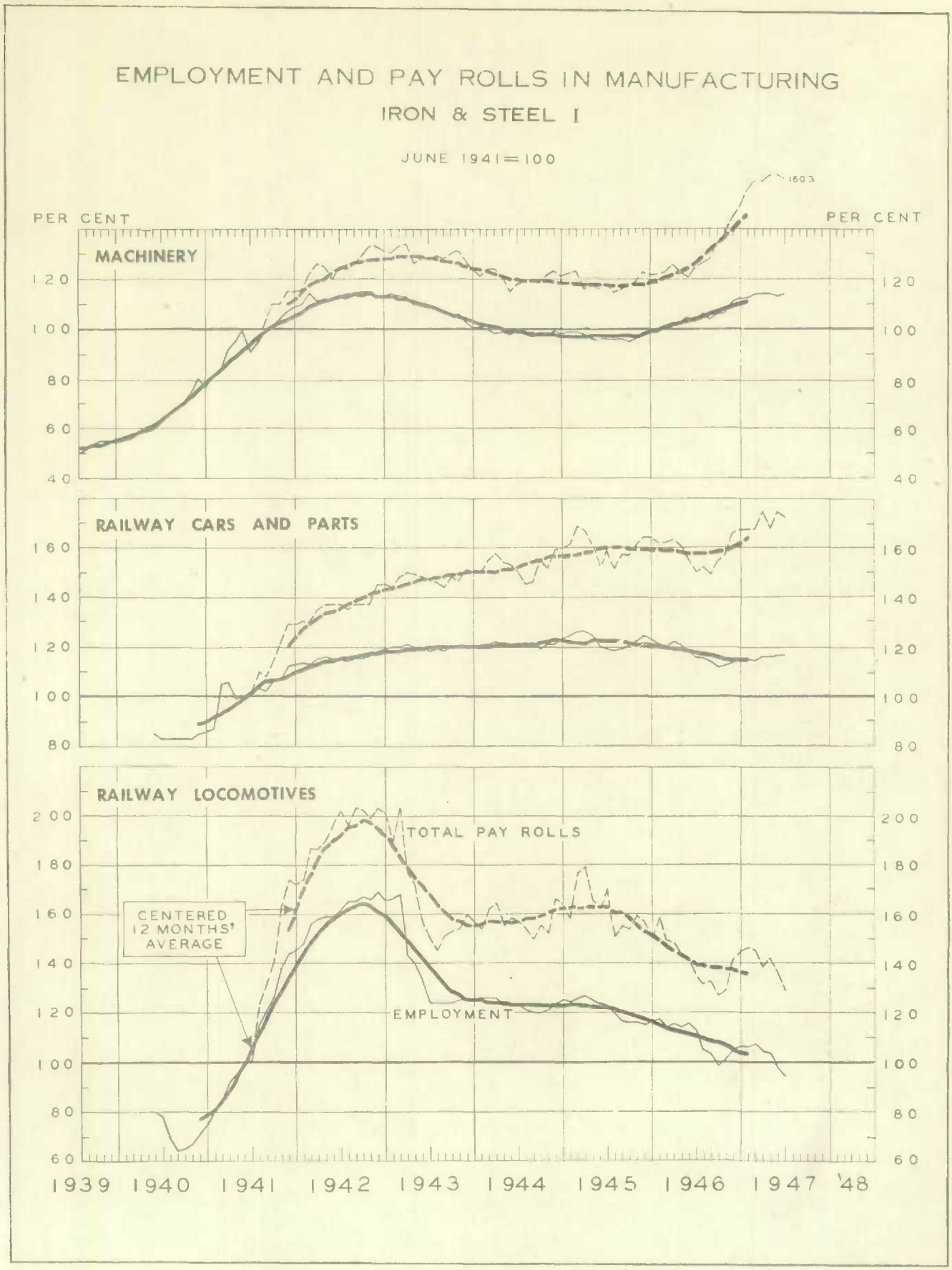
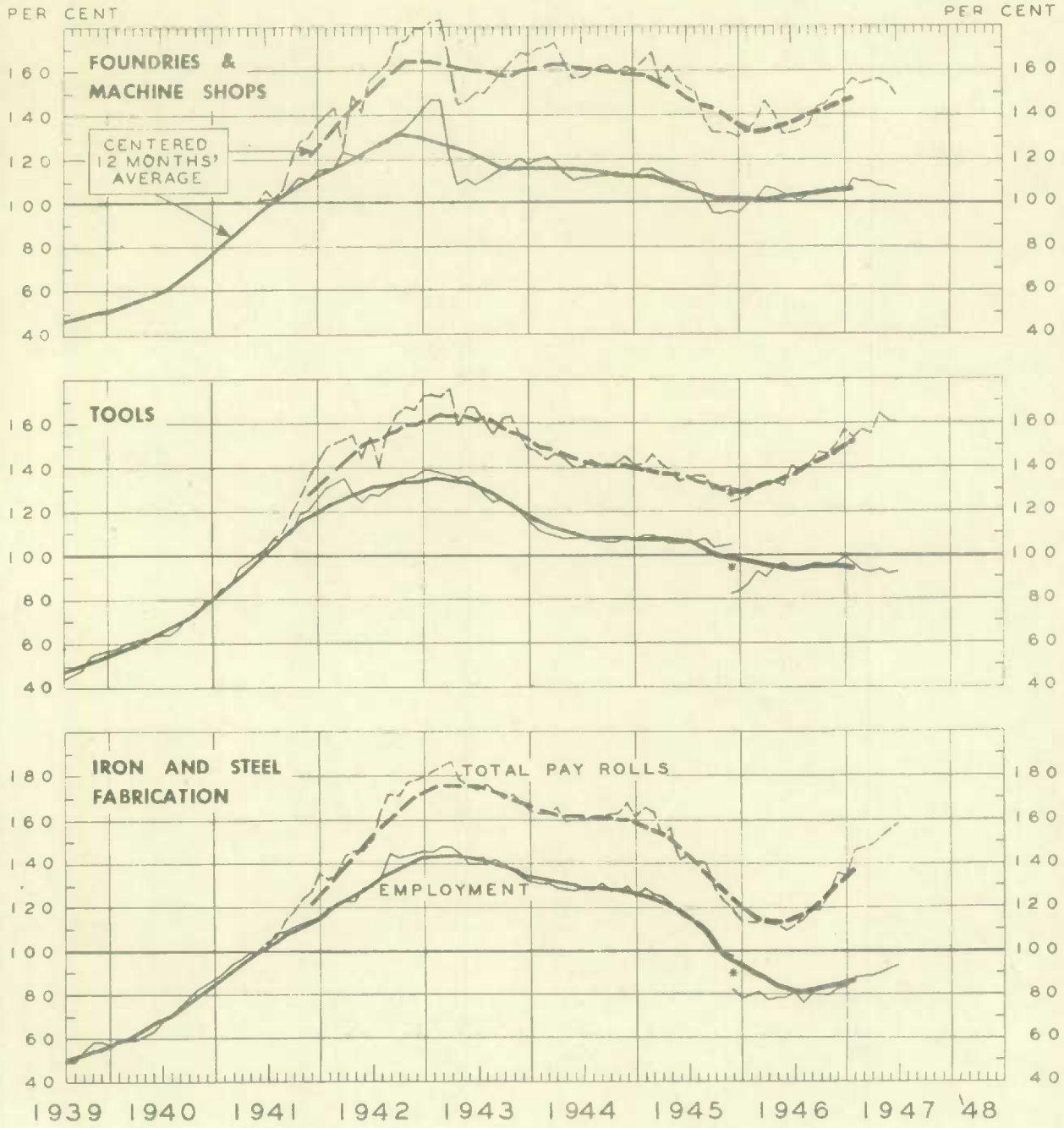

EMPLOYMENT AND PAY ROLLS IN MANUFACTURING
IRON & STEEL I
JUNE 1941=100
PER CENT
PER CENT
MACHINERY
160.3
RAILWAY CARS AND PARTS
RAILWAY LOCOMOTIVES
TOTAL PAY ROLLS
EMPLOYMENT
CENTERED 12 MONTHS' AVERAGE
1939
1940
1941
1942
1943
1944
1945
1946
1947
'48

CHART NO 34

EMPLOYMENT AND PAY ROLLS IN MANUFACTURING

IRON & STEEL II

JUNE 1941=100



* RECLASSIFICATION FOR CERTAIN FIRMS

CHART NO 35

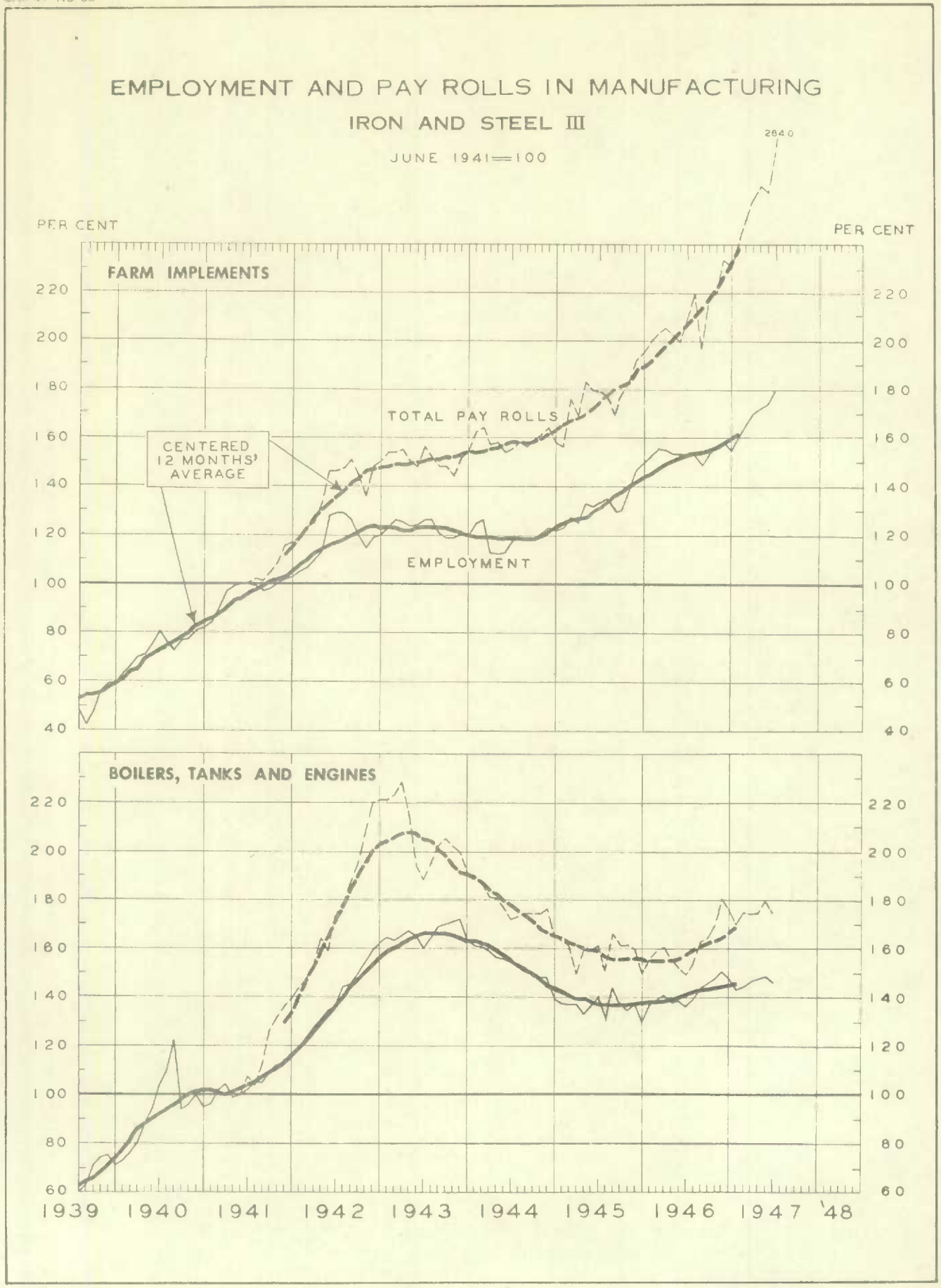

EMPLOYMENT AND PAY ROLLS IN MANUFACTURING
IRON AND STEEL III
JUNE 1941=100
PER CENT
PER CENT
FARM IMPLEMENTS
TOTAL PAY ROLLS
CENTERED 12 MONTHS' AVERAGE
EMPLOYMENT
2840
BOILERS, TANKS AND ENGINES
220
200
180
160
140
120
100
80
60
40
1939
1940
1941
1942
1943
1944
1945
1946
1947
'48

CHART NO 36

EMPLOYMENT AND PAY ROLLS IN MANUFACTURING

IRON & STEEL IV

JUNE 1941=100

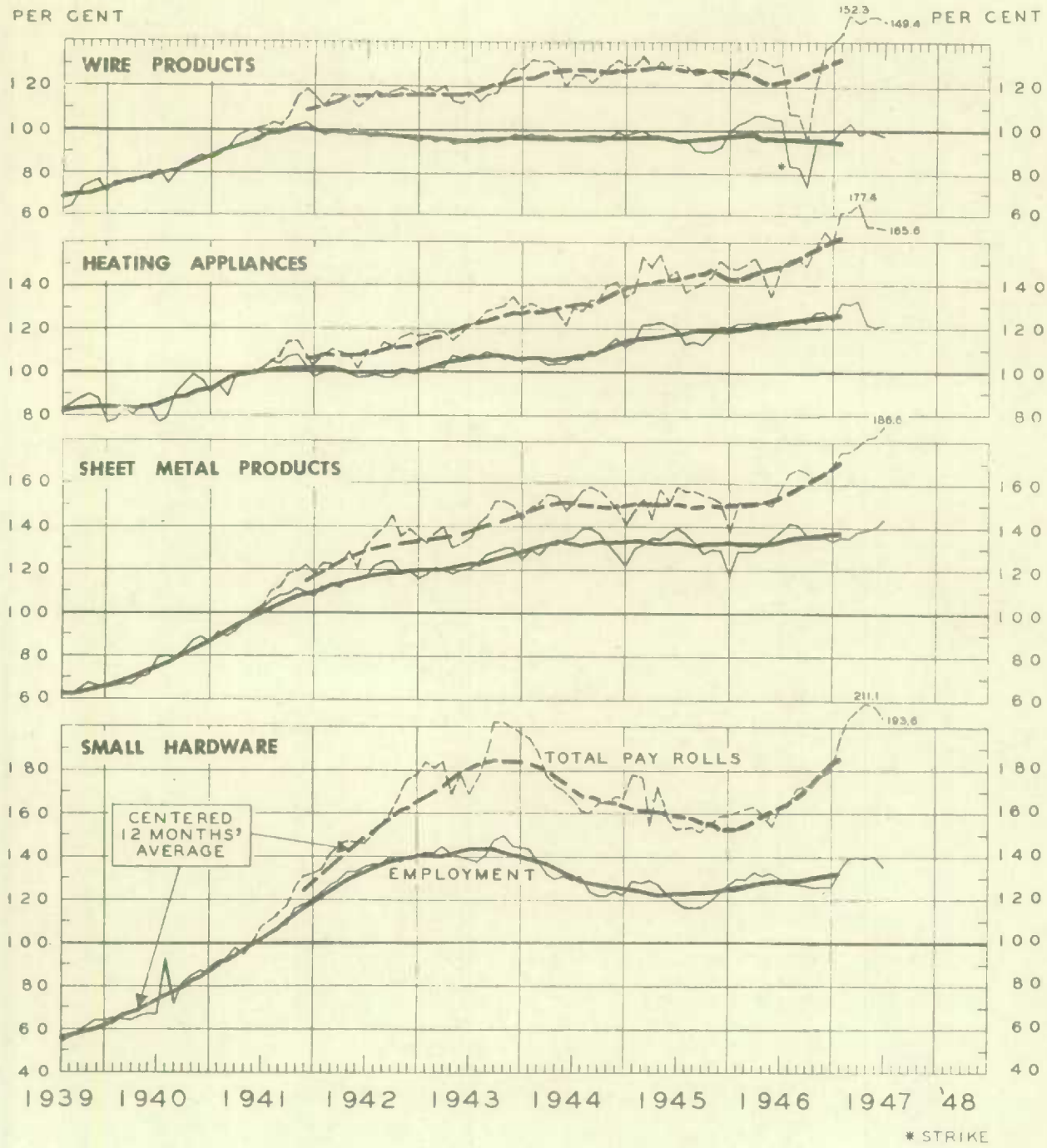


CHART NO 37

EMPLOYMENT AND PAY ROLLS IN MANUFACTURING

AUTOMOBILES

JUNE 1941 = 100

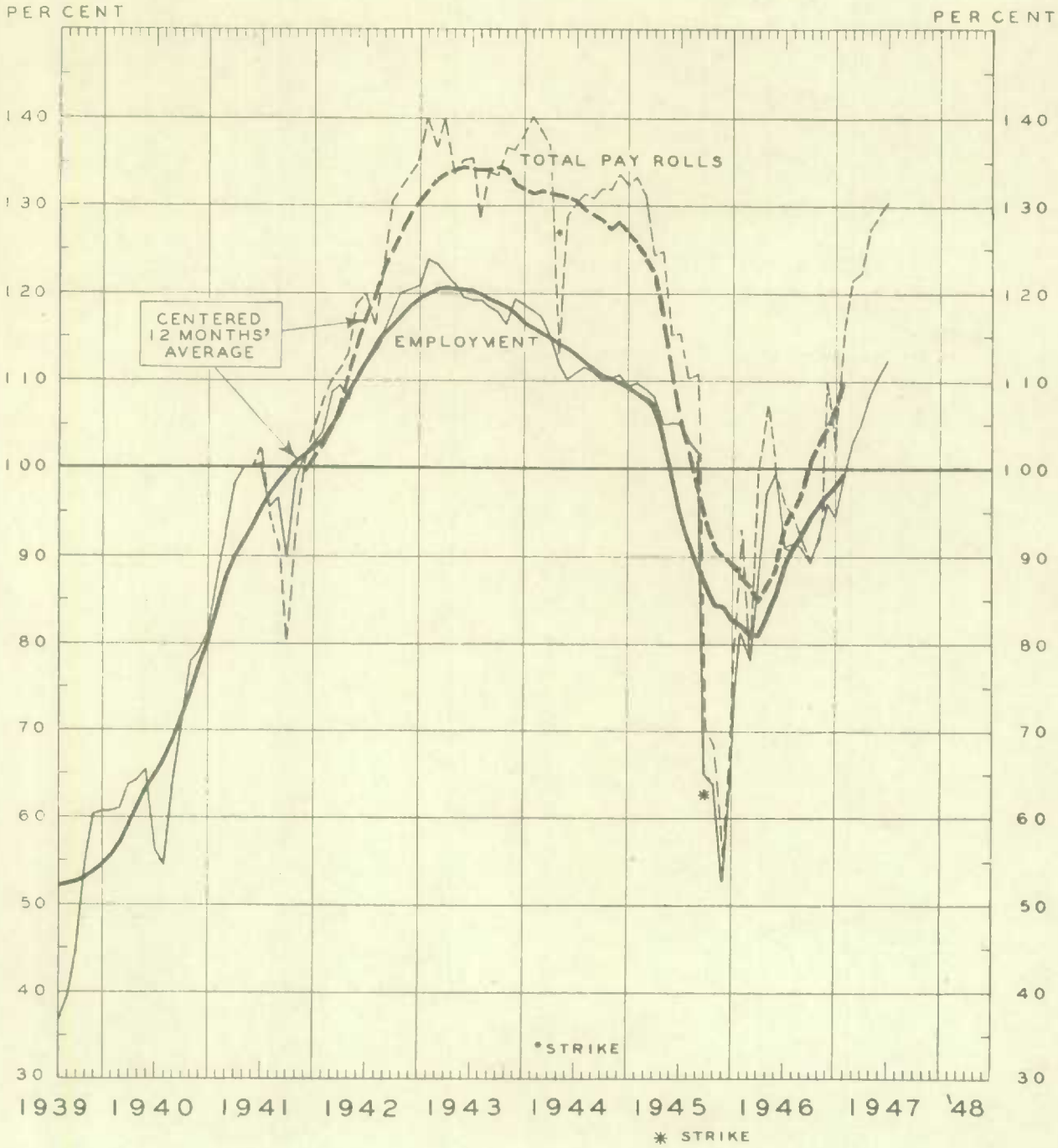


CHART NO 38

EMPLOYMENT AND PAY ROLLS IN MANUFACTURING

AIRPLANES

JUNE 1941 = 100

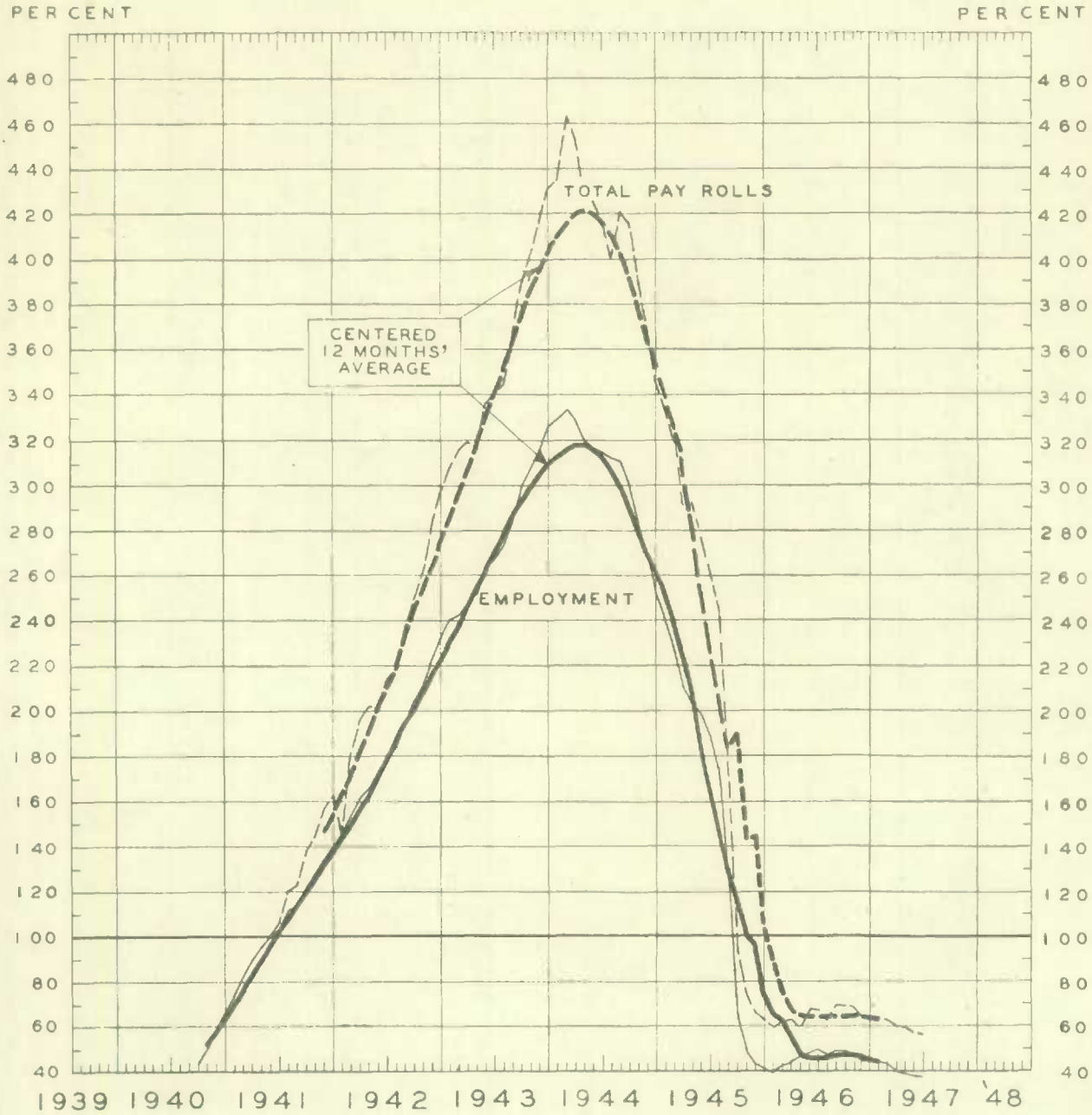


CHART NO 39

EMPLOYMENT AND PAY ROLLS IN MANUFACTURING

SHIPBUILDING

JUNE 1941 = 100

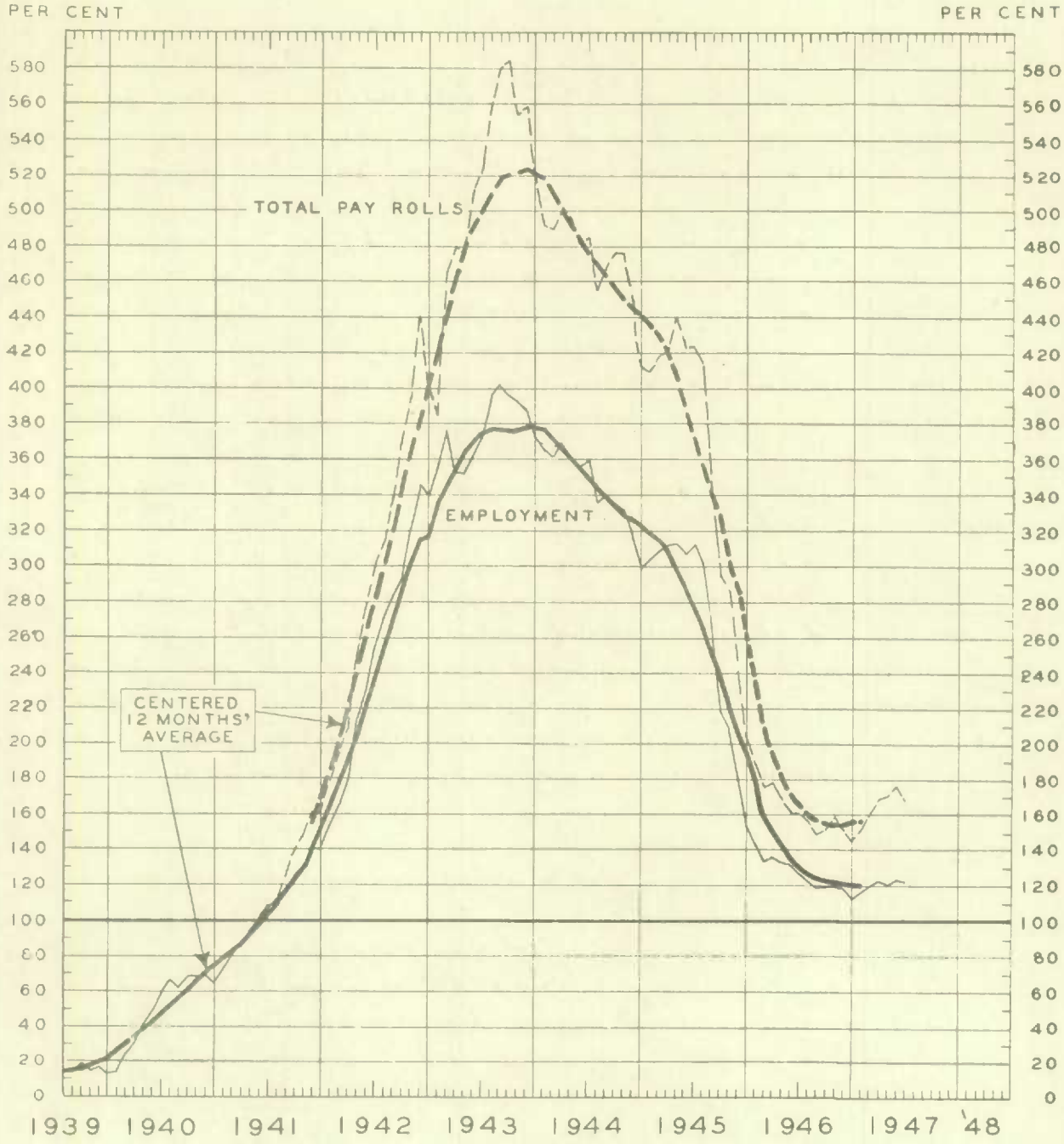
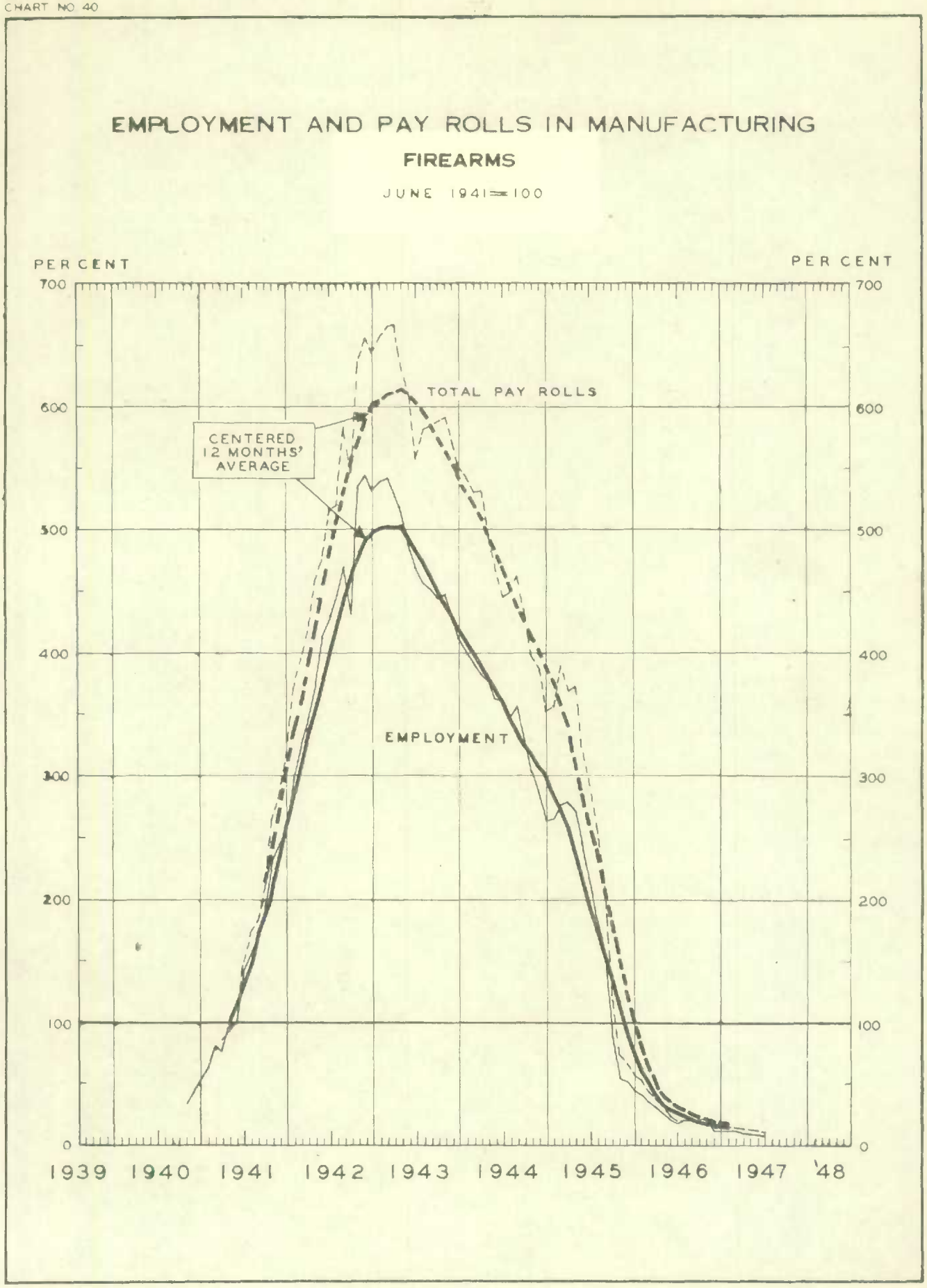


CHART NO. 40


EMPLOYMENT AND PAY ROLLS IN MANUFACTURING
FIREARMS
JUNE 1941 = 100
PER CENT
PER CENT
700
600
500
400
300
200
100
0
TOTAL PAY ROLLS
CENTERED 12 MONTHS' AVERAGE
EMPLOYMENT
1939
1940
1941
1942
1943
1944
1945
1946
1947
'48