

bensus of Production, 1926.

Preliminary Report

No. 11.

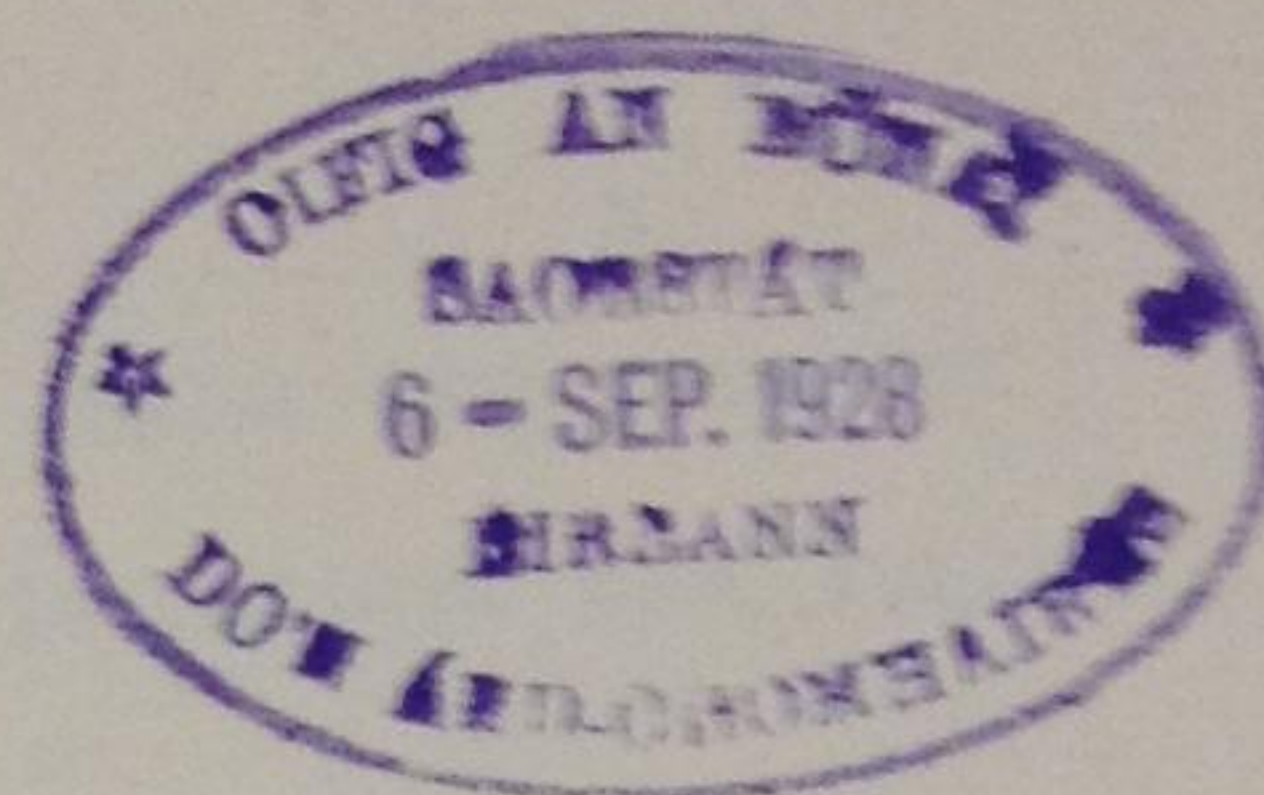
Hosiery

S A O R S T Á T É I R E A N N .

DEPARTMENT OF INDUSTRY AND COMMERCE.

CENSUS OF PRODUCTION 1926.

PRELIMINARY REPORT NO. 11.



HOSIERY INDUSTRY.

Under the Statistics (Census of Production) Orders (Statutory Rules and Orders, No. 46, 1926 and No. 63, 1927) made under the Statistics Act, 1926, returns were received relating to the operations in 1926 of the 33 principal establishments in Saorstát Éireann at which the making of Hosiery goods was carried on in that year. Figures relating to the production of the smaller establishments making Hosiery have not been included in the following tables - the total amount involved being small. The Returns received from these 33 establishments indicated that 23 were the usual type of business concerns, three of which employed Outworkers only, and that ten were in respect of Institutions (Convents, etc.) at which Hosiery goods were made for sale.

GROSS OUTPUT:

The following table shows the net selling value of goods made and work done in 1926 by these 33 establishments:-

Kind of Goods Made and Work Done.	Quantities	Net selling Value of Goods Made in the year 1926. £
Stockings and Hose:-		£
x of Cotton .. .. .	4,866 Doz. prs.	8,310
/ of Wool .. .. .	138,242   "   "	150,988
of Other Textiles .. .. .	1,888   "   "	6,860
Underwear:-		
x of Cotton .. .. .	963 dozen	1,974
/ of Wool .. .. .	8,974   "   "	21,896
Fancy Hosiery (Cardigans, Shawls &c.):-		
x of Cotton .. .. .	339 dozen	1,206
/ of Wool .. .. .	11,877   "   "	52,419
of Other Textiles .. .. .	207   "   "	2,107
Gloves, / Woollen .. .. .	10,969 doz. prs.	7,050
All other Products .. .. .	(value only)	1,478
		Amount received for Work Done
Work done on Commission:-		£
Knitting .. .. .		3,705
Other Work, including Finishing .. .. .		514
<b>Total Value of Goods Made and Work Done in 1926 .. .. .</b>		<b>238,507</b>

x or of which the chief value is Cotton. / or of which the chief value is Wool.

S A O R S T Á T É I R E A N N.

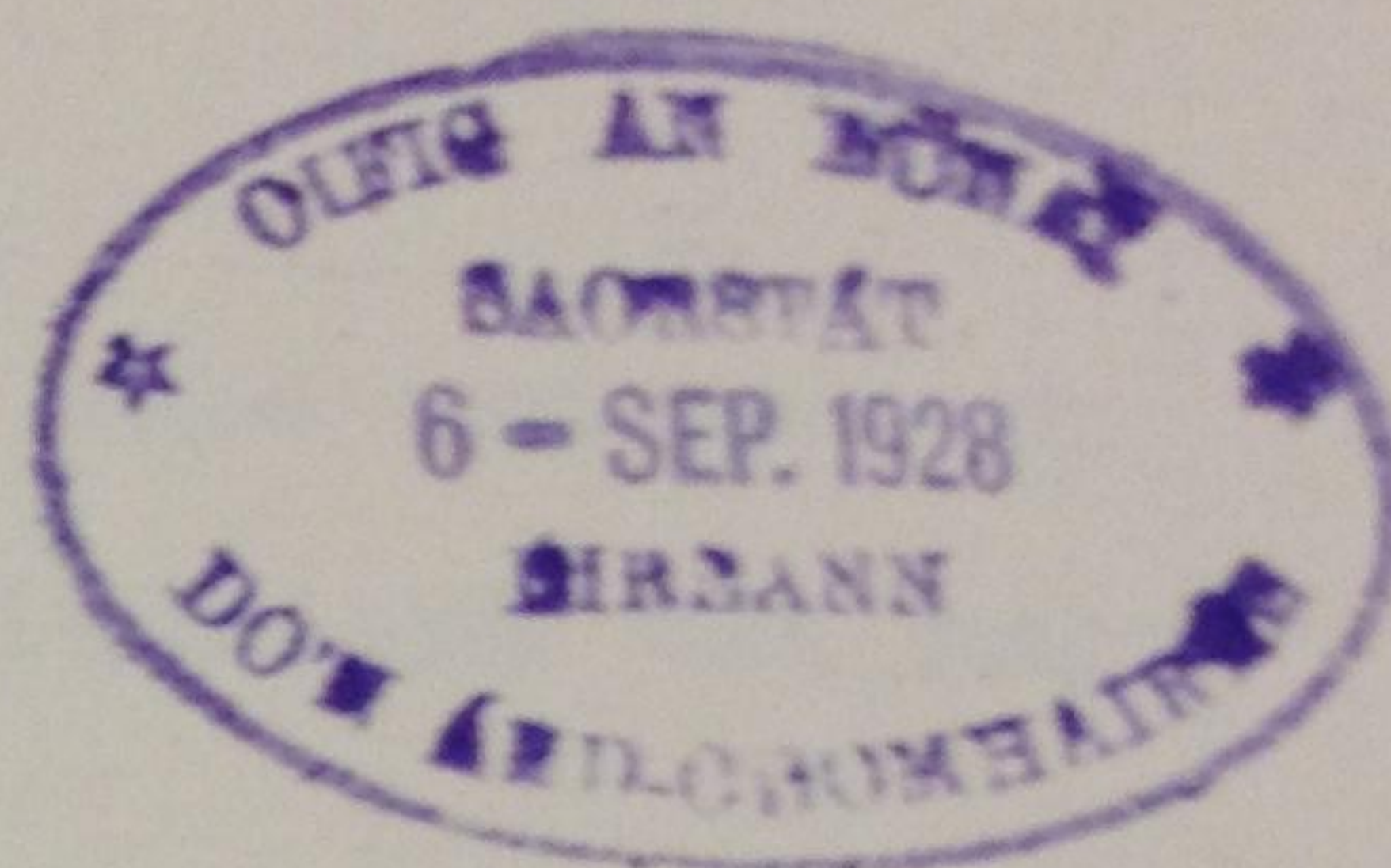
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All other Products .. .. .	(value only)	1,478
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Work done on Commission:-		
Knitting .. .. .		3,705
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Total Value of Goods Made and Work Done in 1926 .. .. .		238,507

x or of which the chief value is Cotton. / or of which the chief value is Wool.

The total output value of Hosiery goods made for sale and amount received for work done on Commission at the ten Institutions was £7,619.

MATERIALS, etc., USED IN 1926:

In order to ascertain "net output" (i.e., the value added in industrial processes) the following three sets of costs (A), (B) and (C) must be subtracted from the value of the gross output:-

The total output value of Hosiery goods made for sale and amount received for work done on Commission at the ten Institutions was only £7,619.

MATERIALS, etc., USED IN 1926:

In order to ascertain "net output" (i.e., the value added by industrial processes) the following three sets of costs (A), (B) and (C) must be subtracted from the value of the gross output:-

(A) Ingredients used in making 1926	Quantities	Cost
-------------------------------------	------------	------

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(A) Materials used in making 1926		



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(A) Ingredients used in making 1926 Output	Quantities	Cost
		£
Wool Yarn .. .. .	375,869 lbs.	58,605
Worsted Yarn .. .. .	321,650 "	42,313
Cotton Yarn .. .. .	38,128 "	4,689
Other Textile Yarns .. .. .	(cost only)	1,784
All other Materials .. .. .	( " " )	3,121
<b>Total Cost of (A) - Ingredients .. .. .</b>	<b>.. .. .</b>	<b>110,512</b>

The quantities and values of fuel, purchased electricity, oils, etc., used in the businesses in 1926 for heating, lighting, transport, driving engines, etc., are shown in the next table:-

(A) Ingredients used in making 1926 Output	Quantities	Cost
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All other Materials .. .. .	( " " )	3,121
Total Cost of (A) - Ingredients .. .. .		110,512

The quantities and values of fuel, purchased electricity, oils, etc., used in the businesses in 1926 for heating, lighting, transport, driving engines, etc., are shown in the next table:-

(B) Fuel, etc., used in 1926	Quantity	Cost at Works
		£
Coal .. .. .	1,030 tons	2,328
Lubricating and other Heavy Oils	1,042 galls.	171
Petrol and other Light Oils ..	4,492 galls.	312
Electricity purchased .. .. .	7,413 units	185
Gas .. .. .	(cost only)	322
Other Fuels .. .. .	( " " )	285
Total Cost of (B) - Fuel etc. .. .. .		3,603

The quantities and values of fuel, purchased electricity, oils, etc., used in the businesses in 1926 for heating, lighting, transport, driving engines, etc., are shown in the next table:-

(B) Fuel, etc., used in 1926	Quantity	Cost at Works £
Coal .. .. .	1,030 tons	2,328
Lubricating and other Heavy Oils	1,042 galls.	171
Petrol and other Light Oils ..	4,492 galls.	312
Electricity purchased .. ..	7,413 units	185
Gas .. .. .	(cost only)	322
Other Fuels .. .. .	( " " )	285
<b>Total Cost of (B) - Fuel etc. .. .. .</b>		<b>3,603</b>

(C) The estimated cost of purchased cases, boxes, etc., sold with the Output, the cost of replacing tools and the cost of materials for repairs to buildings or plant, executed by the firms' own workpeople in 1926 was £4,063.

OUTPUT:

It is now possible to calculate the "net output" of the Hosiery industry in Saorstát Éireann in 1926, thus:-

I.	Gross Output	..	..	..	..	£	238,507
	(A) Cost of ingredients	..	..	..	£	110,512	)
	(B) " " fuel, etc.	..	..	..	3,603	)	
II.	(C) " " purchased cases, boxes, materials)						)
	( for repairs to plant executed )				4,063	)	
	( by firms' own workpeople, etc. )					)	
	Net Output i.e., I minus II	..	..	..	..	£	126,329

SALARIES and WAGES:

The following were the total amounts paid in salaries and wages in 1926 by the 23 establishments in connection with the Output referred to above:-

Salaries	..	..	..	£	20,512
----------	----	----	----	---	--------

II.	(A)	Cost of ingredients	..	..	..	219,557
	(B)	" " fuel, etc.	..	..	..	125,512
	(C)	" " purchased cases, boxes, materials)	..	..	..	3,553
		for repairs to plant executed by firms' own workpeople, etc.)	..	..	..	4,063
Net Output i.e., I minus II						120,329

SALARIES and WAGES:

The following were the total amounts paid in salaries and wages in 1926 by the 33 establishments in connection with the Output referred to above:-

	£
Salaries .. .. .	20,512
<u>Wages and Earnings .. .. .</u>	<u>48,379</u>
<u>Total Salaries and Wages .. .. .</u>	<u>68,891</u>

PERSONS EMPLOYED IN 1926:

The following table shows the number of persons engaged in the 33 Hosiery making establishments on 16th October, 1926:-

Description of Occupation	Males		Females		Total
	Under 18	Over 18	Under 18	Over 18	
Administrative, Clerical & Technical Staff:-					
(a) Proprietors working in the business	-	16	-	7	23

Wages and Earnings .. .. . 48,379

Total Salaries and Wages .. .. . 68,891

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Administrative, Clerical & Technical Staff:-					
(a) Proprietors working in the business	-	16	-	7	23
(b) Clerks and all salaried employees	1	75	-	41	117
Total (a) and (b) .. .. .	1	91	-	48	140
Wage Earners (not Outworkers) -					
(c) Industrial workers at the factory	15	82	123	480	700
(d) Storekeepers, packers, messengers, etc.	3	11	18	18	50
Total (c) and (d) .. .. .	18	93	141	498	750
Wage Earners (Outworkers) -					
(e) Workers employed in their own homes	-	-	111	422	533
Total persons engaged (a), (b), (c), (d) & (e)	19	184	252	968	1,423

OUTPUT:

It is now possible to calculate the "net output" of the Hosiery industry in Saorstát Éireann in 1926, thus:-

I. Gross Output	£
(A) Cost of ingredients	238,507
(B) " " fuel, etc.	110,512
(C) " " purchased cases, boxes, materials for repairs to plant executed by firms' own workpeople, etc.	3,603
	4,063
Net Output i.e., I minus II	120,329

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(C) The estimated cost of purchased cases, boxes, etc., sold with the Output, the cost of replacing tools and the cost of materials for repairs to buildings or plant, executed by the firms' own workpeople in 1926 was £4,063.



The following table shows the numbers of wage earners (not 4.  
Outworkers) - corresponding to (c) and (d) above - who were employed  
in the undermentioned weeks:-

Week ended	Males	Females	Total	Week ended	Males	Females	Total
Jan. 16th	92	602	694	July 17th	82	574	656
Feb. 13th	99	626	725	Aug. 14th	91	559	650
Mar. 13th	100	636	736	Sept. 18th	108	622	730
Apl. 17th	89	585	674	Oct. 16th	111	639	750
May 15th	91	573	664	Nov. 13th	100	658	758
June 12th	88	585	673	Dec. 18th	113	665	778

TIME IN OPERATION:

Excluding Institutions at which it would appear that no regular hours were worked and the three businesses which employed Outworkers only, the Returns received showed that 14 establishments were at work during the whole year, three worked 270-276 days and three others 230-270 days. The normal hours of work were for seven firms a 48-hour week, for eight firms a 44-hour week and the remaining five firms ranged from 38 hours to 42 hours per week.

CAPACITY OF ENGINES, etc.:

The following table shows the effective horse power of Prime Movers, the kilowatt capacity of Electric Generators and the rated horse power of Electric Motors (exclusive of Converters or Transformers) as returned on the Schedules for the Hosiery Industry in 1926:-

<u>Prime Movers:-</u>	<u>Effective Horse Power</u>
<u>Steam Engines:-</u>	
Reciprocating .. .. .	60
<u>Internal Combustion Engines using:-</u>	
Gas .. .. .	78
Petrol or other Light Oils .. .. .	26
Heavy Oils .. .. .	25
Water Wheels .. .. .	50
<u>Electric Generators:-</u>	<u>Kilowatt Capacity</u>
Driven by Steam Engines, Reciprocating .. .. .	25
Driven by Internal Combustion Engines using:-	
Petrol or other Light Oils .. .. .	3
Heavy Oils .. .. .	3
Driven by Other Prime Movers .. .. .	19
<u>Electric Motors (exclusive of Converters or Transformers) driven by:-</u>	<u>Rated Horse Power</u>
Electricity purchased .. .. .	5
" generated at firms' own works .. .. .	50

The following table shows the numbers of wage earners (not Outworkers) - corresponding to (c) and (d) above - who were employed in the undermentioned weeks:-

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<u>Electric Motors (exclusive of Converters or Transformers) driven by:-</u> Electricity purchased .. .. . " generated at firms' own works .. .. .	<u>Rated Horse Power</u>  5 50

5.

GROUPS OF ESTABLISHMENTS ENGAGED IN THE HOSIERY INDUSTRY  
CLASSIFIED ACCORDING TO NUMBERS OF PERSONS EMPLOYED:

The following classification of the principal figures referred to above shows that the six largest firms in the Industry (i.e., those with over 50 employees) accounted for nearly two-thirds of the total Gross Output and of the total Net Output, and two-thirds of the total Salaries and Wages paid.

	Insti- tutions	Other businesses having				Total
		Out- workers only as Wage Earners	less than 20 em- ployed	20 but less than 50 em- ployed	50 or more em- ployed	
	No.	No.	No.	No.	No.	No.
Number of Establishments	10	3	6	8	6	33
Total persons employed:-						
Not Outworkers ..	85	5	47	239	515	891
Outworkers ..	-	342	9	30	151	532
Gross Output .. .. £	7,619	7,916	6,123	68,036	148,813	238,507
Net Output .. .. £	4,036	3,825	3,966	33,244	75,258	120,329
Salaries .. .. £	100	60	371	2,162	17,819	20,512
Wages and Earnings:-						
Not Outworkers ... £	2,655	-	1,742	12,905	26,100	43,402
Outworkers .. .. £	-	2,670	91	130	2,086	4,977

Copies of this Memorandum can be obtained from the Statistics Branch,  
 Department of Industry and Commerce, Lower Castle Yard (South), Dublin.

SEPTEMBER, 1928.

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Gross Output	£	7,010	7,010	8,123	88,034	148,513	236,301
Net Output	£	4,058	5,825	3,954	33,244	75,253	120,323
Salaries	£	100	60	371	2,152	17,819	20,512
Wages and Earnings:-							
Not Outworkers	£	2,655	-	1,742	12,905	23,100	43,462
Outworkers	£	-	2,670	91	130	2,083	4,977

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SEPTEMBER, 1928.