

Table 1 Summary of Persons Engaged in Manufacturing, Transportable Goods and All Industries ('000)¹

Period	Manufacturing Industries		Transportable Goods Industries		All Industries		
	Unadjusted for Seasonality	Seasonally Adjusted ²	Unadjusted for Seasonality	Seasonally Adjusted ²	Unadjusted for Seasonality	Seasonally Adjusted ²	
1999	March	237.2	239.2	242.2	244.4	254.0	256.0
	June	238.4	238.4	244.1	244.1	255.9	255.6
	September	240.0	239.2	245.3	244.4	257.4	256.3
	December	242.7	241.8	247.9	247.1	260.6	259.8
	Average	239.6		244.9		257.0	
2000	March	242.7	244.2	248.0	249.7	260.6	262.5
	June	250.4	250.7	256.2	256.5	268.8	269.0
	September	249.7	248.8	255.3	254.3	267.8	266.8
	December	251.7	251.0	257.1	256.4	269.4	268.7
	Average	248.6		254.2		266.6	
2001	March	253.2	254.7	258.5	260.1	270.2	271.8
	June	251.7	251.9	257.3	257.6	269.0	269.3
	September	252.1	251.4	258.2	257.2	271.4	270.3
	December	247.2	246.5	253.0	252.6	265.2	264.7
	Average	251.0		256.8		269.0	
2002	March	243.2	244.4	249.0	250.3	261.4	262.7
	June	238.1	238.3	244.0	244.2	256.5	256.8
	September	240.1	239.4	246.8	245.8	259.0	258.0
	December	235.9	235.4	242.9	242.4	255.1	254.6
	Average	239.3		245.7		258.0	
2003	March	231.7	232.9	238.6	239.8	251.0	252.2
	June	231.1	231.1	237.4	237.6	250.0	250.3
	September	228.8	228.2	235.1	234.2	247.4	246.5
	December	228.5	228.0	234.6	234.2	246.6	246.1
	Average	230.0		236.4		248.8	
2004	March	223.9	225.0	230.1	231.3	242.1	243.3
	June	225.1	225.3	231.4	231.9	243.5	243.8
	September	221.7	221.0	227.9	227.0	240.0	239.0
	December	222.1	221.7	227.8	227.4	239.5	239.1
	Average	223.2		229.3		241.3	
2005	March	219.4	220.5	225.3	226.4	236.9	238.1
	June	218.6	218.9	224.6	225.0	236.2	236.4
	September*	220.3	219.7	226.4	225.5	237.8	236.9

¹ The data in this and subsequent tables relate to a week in the middle of each month

² Based on seasonal patterns up to September 2004

* Preliminary estimates

Table 2 Total Persons Engaged by Industrial Sector ('000)

NACE Code	Industrial Sector	2001	2002				2003		
		Dec	Mar	Jun	Sep	Dec	Mar	Jun	Sep
10 - 14	Mining and quarrying	5.8	5.9	5.9	6.7	7.0	6.9	6.3	6.3
15 - 16	Manufacture of food products; beverages and tobacco	48.2	48.8	47.5	48.7	49.1	47.5	47.6	48.2
151 - 158	Manufacture of food products	41.4	40.5	39.7	41.0	41.2	39.9	39.9	40.6
159	Manufacture of beverages	6.0	7.5	6.9	6.9	7.0	6.7	6.8	6.8
16	Manufacture of tobacco products	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
17 - 18	Manufacture of textiles and textile products	8.3	7.9	7.8	7.8	7.6	7.3	7.2	6.5
17	Manufacture of textiles	5.3	4.9	4.8	4.8	4.7	4.5	4.5	3.9
18	Manufacture of wearing apparel; dressing and dyeing of fur	3.0	3.0	3.0	3.0	3.0	2.8	2.7	2.5
19	Manufacture of leather and leather products	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.5
20	Manufacture of wood and wood products	5.9	6.0	6.2	6.3	6.2	6.2	6.4	6.2
21 - 22	Manufacture of pulp, paper and paper products; publishing and printing	24.7	24.3	23.5	24.4	23.9	23.3	22.8	22.4
21	Manufacture of pulp, paper and paper products	5.2	5.1	5.0	5.6	5.1	4.9	4.8	4.8
22	Publishing, printing and reproduction of recorded media	19.5	19.2	18.5	18.8	18.9	18.4	18.0	17.6
24	Manufacture of chemicals, chemical products and man-made fibres	24.1	24.4	24.8	25.1	24.7	24.3	24.8	24.2
25	Manufacture of rubber and plastic products	9.5	9.2	9.3	9.5	9.6	9.4	9.7	9.5
26	Manufacture of other non-metallic mineral products	10.6	10.7	11.1	10.9	10.8	10.9	11.1	11.0
27 - 28	Manufacture of basic metals and fabricated metal products	15.8	15.5	15.3	16.1	15.3	14.9	14.9	14.8
27	Manufacture of basic metals	2.5	2.4	2.4	2.4	2.5	2.3	2.3	2.2
28	Manufacture of fabricated metal products, except machinery and equipment	13.4	13.1	12.9	13.7	12.8	12.6	12.7	12.6
29	Manufacture of machinery and equipment n.e.c.	14.0	13.7	13.4	13.0	12.5	12.3	12.2	12.0
30 - 33	Manufacture of optical and electrical equipment	64.4	62.0	58.4	56.8	54.8	54.8	53.7	53.3
30	Manufacture of office machinery and computers	20.1	19.4	18.1	16.9	16.2	16.3	15.7	15.5
31	Manufacture of electrical machinery and apparatus n.e.c.	11.6	10.5	10.2	9.8	9.6	9.2	8.9	8.7
32	Manufacture of radio, television and communication equipment and apparatus	13.0	12.2	9.7	9.4	8.8	9.5	8.5	7.8
33	Manufacture of medical, precision and optical instruments, watches and clocks	19.7	19.9	20.4	20.8	20.2	19.8	20.6	21.3
34 - 35	Manufacture of transport equipment	10.2	10.1	9.6	9.7	9.7	9.6	9.5	9.3
34	Manufacture of motor vehicles, trailers and semi-trailers	4.6	4.5	4.3	4.6	4.6	4.5	4.5	4.5
35	Manufacture of other transport equipment	5.6	5.6	5.3	5.1	5.1	5.1	4.9	4.9
36 - 37, 23	Manufacturing n.e.c. ; recycling; manufacture of coke, refined petroleum products and nuclear fuel	10.8	10.2	10.5	11.1	11.1	10.9	10.9	10.9
40 - 41	Electricity, gas and water supply	12.2	12.3	12.5	12.2	12.2	12.4	12.7	12.3
40	Electricity, gas, steam and hot water supply	10.0	10.0	10.1	10.1	10.0	10.1	9.9	9.7
41	Collection, purification and distribution of water	2.1	2.3	2.4	2.2	2.2	2.3	2.8	2.7
1 - 4	All industries	265.2	261.4	256.5	259.0	255.1	251.0	250.0	247.4
1 - 3	Transportable goods industries	253.1	249.0	244.0	246.8	242.9	238.6	237.4	235.1
15 - 37	Manufacturing industries	247.3	243.2	238.1	240.1	235.9	231.7	231.1	228.8

* Preliminary estimates

2003	2004				2005			Industrial Sector	NACE Code
Dec	Mar	Jun	Sep	Dec	Mar	Jun	Sep*		
6.2	6.3	6.4	6.2	5.7	5.9	5.9	6.1	Mining and quarrying	10 - 14
48.8	46.4	45.8	45.7	45.8	44.5	44.6	46.2	Manufacture of food products; beverages and tobacco	15 - 16
41.3	39.5	39.2	39.5	39.7	38.4	38.4	40.2	Manufacture of food products	151 - 158
6.7	6.3	6.0	5.6	5.5	5.5	5.7	5.6	Manufacture of beverages	159
0.8	0.6	0.6	0.6	0.6	0.5	0.5	0.5	Manufacture of tobacco products	16
6.4	6.1	5.9	5.3	5.2	5.1	5.0	5.0	Manufacture of textiles and textile products	17 - 18
3.8	3.7	3.7	3.3	3.2	3.2	3.2	3.1	Manufacture of textiles	17
2.5	2.4	2.2	2.0	2.0	1.9	1.9	1.9	Manufacture of wearing apparel; dressing and dyeing of fur	18
0.5	0.4	0.4	0.4	0.4	0.4	0.3	0.3	Manufacture of leather and leather products	19
6.2	6.1	6.4	6.3	6.4	6.6	6.8	6.9	Manufacture of wood and wood products	20
22.7	22.3	22.1	21.0	21.6	20.3	20.0	19.8	Manufacture of pulp, paper and paper products; publishing and printing	21 - 22
4.8	4.6	4.7	4.2	4.3	4.1	4.1	4.1	Manufacture of pulp, paper and paper products	21
17.8	17.7	17.5	16.8	17.3	16.2	15.8	15.8	Publishing, printing and reproduction of recorded media	22
23.6	23.0	23.9	23.7	23.2	23.0	23.3	23.2	Manufacture of chemicals, chemical products and man-made fibres	24
9.6	9.5	9.7	9.6	9.6	9.8	9.8	9.8	Manufacture of rubber and plastic products	25
10.8	10.9	11.4	11.3	10.9	11.0	11.0	10.7	Manufacture of other non-metallic mineral products	26
15.0	15.0	15.4	15.4	15.5	15.4	15.4	15.4	Manufacture of basic metals and fabricated metal products	27 - 28
2.1	2.1	2.2	2.2	2.3	2.3	2.3	2.3	Manufacture of basic metals	27
12.8	12.8	13.2	13.2	13.2	13.2	13.1	13.1	Manufacture of fabricated metal products, except machinery and equipment	28
11.7	11.7	11.7	11.4	10.9	10.7	10.9	11.0	Manufacture of machinery and equipment n.e.c.	29
52.9	52.5	52.3	52.3	53.1	53.5	52.8	53.0	Manufacture of optical and electrical equipment	30 - 33
15.9	16.0	15.7	15.7	16.2	16.2	14.7	14.7	Manufacture of office machinery and computers	30
8.7	8.7	8.4	8.3	8.2	8.1	8.0	8.1	Manufacture of electrical machinery and apparatus n.e.c.	31
7.0	7.1	7.3	7.3	7.1	7.3	7.9	8.0	Manufacture of radio, television and communication equipment and apparatus	32
21.4	20.8	21.0	21.1	21.5	21.9	22.3	22.2	Manufacture of medical, precision and optical instruments, watches and clocks	33
9.4	9.4	9.3	8.8	9.0	9.2	9.0	8.9	Manufacture of transport equipment	34 - 35
4.5	4.5	4.5	4.3	4.5	4.7	4.6	4.5	Manufacture of motor vehicles, trailers and semi-trailers	34
4.9	4.9	4.7	4.5	4.5	4.5	4.4	4.4	Manufacture of other transport equipment	35
11.1	10.6	10.8	10.5	10.5	10.1	9.9	10.2	Manufacturing n.e.c. ; recycling; manufacture of coke, refined petroleum products and nuclear fuel	36 - 37, 23
11.9	11.9	12.1	12.1	11.7	11.6	11.6	11.4	Electricity, gas and water supply	40 - 41
9.6	9.5	9.7	9.7	9.4	9.4	9.4	9.1	Electricity, gas, steam and hot water supply	40
2.3	2.4	2.4	2.4	2.4	2.2	2.2	2.3	Collection, purification and distribution of water	41
246.6	242.1	243.5	240.0	239.5	236.9	236.2	237.8	All industries	1 - 4
234.7	230.1	231.4	227.9	227.8	225.3	224.6	226.4	Transportable goods industries	1 - 3
228.5	223.9	225.1	221.7	222.1	219.4	218.6	220.3	Manufacturing industries	15 - 37

Table 3 Total Number of Employees¹ – September 2005 (Preliminary estimates) ('000)

NACE Code	Industrial Sector	Industrial Workers			Clerical & Managerial			Total Employees		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
10 – 14	Mining and quarrying	4.5	0.1	4.5	1.1	0.5	1.6	5.6	0.5	6.1
15 - 16	Manufacture of food products; beverages and tobacco	24.3	8.0	32.3	7.9	5.5	13.4	32.1	13.5	45.7
151 - 158	Manufacture of food products	21.9	7.7	29.6	5.8	4.3	10.0	27.6	12.0	39.6
159	Manufacture of beverages	2.2	0.2	2.5	2.0	1.2	3.1	4.2	1.4	5.6
16	Manufacture of tobacco products	0.2	0.1	0.2	0.2	0.1	0.3	0.3	0.2	0.5
17 - 18	Manufacture of textiles and textile products	2.0	1.6	3.6	0.6	0.6	1.2	2.6	2.2	4.8
17	Manufacture of textiles	1.3	0.9	2.3	0.4	0.4	0.7	1.7	1.3	3.0
18	Manufacture of wearing apparel; dressing and dyeing of fur	0.6	0.7	1.4	0.2	0.2	0.4	0.9	0.9	1.8
19	Manufacture of leather and leather products	0.1	0.1	0.2	0.0	0.0	0.1	0.1	0.1	0.3
20	Manufacture of wood and wood products	5.1	0.2	5.3	0.9	0.6	1.5	6.0	0.7	6.7
21 - 22	Manufacture of pulp, paper and paper products; publishing and printing	6.7	2.4	9.0	5.7	4.7	10.4	12.4	7.1	19.4
21	Manufacture of pulp, paper and paper products	2.2	0.7	2.9	0.7	0.5	1.2	2.9	1.2	4.1
22	Publishing, printing and reproduction of recorded media	4.4	1.7	6.1	5.0	4.2	9.2	9.5	5.9	15.4
24	Manufacture of chemicals, chemical products and man-made fibres	8.9	3.4	12.3	5.5	5.3	10.8	14.4	8.7	23.1
25	Manufacture of rubber and plastic products	6.2	1.2	7.3	1.5	0.9	2.4	7.6	2.1	9.7
26	Manufacture of other non-metallic mineral products	7.3	0.6	7.9	1.7	1.0	2.7	9.0	1.6	10.6
27 - 28	Manufacture of basic metals and fabricated metal products	10.8	0.8	11.6	2.3	1.3	3.6	13.1	2.0	15.1
27	Manufacture of basic metals	1.5	0.1	1.7	0.4	0.2	0.6	1.9	0.3	2.2
28	Manufacture of fabricated metal products, except machinery and equipment	9.3	0.6	9.9	1.9	1.1	3.0	11.2	1.7	12.9
29	Manufacture of machinery and equipment n.e.c.	6.8	1.1	7.8	2.1	0.9	3.1	8.9	2.0	10.9
30 - 33	Manufacture of optical and electrical equipment	15.3	16.0	31.2	14.1	6.7	20.8	29.4	22.7	52.1
30	Manufacture of office machinery and computers	4.5	3.1	7.7	4.2	2.1	6.3	8.8	5.2	14.0
31	Manufacture of electrical machinery and apparatus n.e.c.	3.3	2.2	5.5	1.8	0.8	2.6	5.1	2.9	8.0
32	Manufacture of radio, television and communication equipment and apparatus	0.9	1.4	2.3	4.5	1.2	5.7	5.4	2.6	8.0
33	Manufacture of medical, precision and optical instruments, watches and clocks	6.5	9.3	15.8	3.6	2.7	6.3	10.1	12.0	22.1
34 - 35	Manufacture of transport equipment	6.1	1.1	7.2	1.1	0.5	1.7	7.3	1.6	8.8
34	Manufacture of motor vehicles, trailers and semi-trailers	2.8	0.9	3.7	0.5	0.2	0.7	3.3	1.1	4.4
35	Manufacture of other transport equipment	3.3	0.2	3.5	0.7	0.3	0.9	4.0	0.4	4.4
36 - 37, 23	Manufacturing n.e.c. ; recycling; manufacture of coke, refined petroleum products and nuclear fuel	5.9	1.6	7.5	1.5	1.0	2.5	7.3	2.7	10.0
40 - 41	Electricity, gas and water supply	5.7	0.1	5.8	3.5	2.0	5.6	9.2	2.1	11.4
40	Electricity, gas, steam and hot water supply	4.2	0.1	4.3	3.0	1.8	4.8	7.2	1.9	9.1
41	Collection, purification and distribution of water	1.5	0.0	1.6	0.5	0.2	0.7	2.0	0.3	2.3
1 - 4	All industries	115.4	38.1	153.6	49.6	31.6	81.2	165.0	69.7	234.7
1 - 3	Transportable goods industries	109.7	38.0	147.8	46.1	29.5	75.6	155.8	67.6	223.3
15 - 37	Manufacturing industries	105.2	38.0	143.2	45.0	29.0	74.0	150.2	67.0	217.2

¹Total Number of Employees differs from Total Persons Engaged (in Tables 1 and 2). Outside Piece Workers as well as Proprietors and Unpaid Family Members are not included as Employees in Table 3 but are included as Persons Engaged in Tables 1 and 2.

Background Notes

Scope and Coverage This inquiry covers industrial local units in the State with 3 or more persons engaged. Persons engaged in non-industrial activities conducted by parent undertakings at the same location or any own account workers engaged by them on a contract or fee basis are not included (see definitions below). These estimates are not directly comparable with the industrial employment estimates obtained from household surveys (such as the quarterly National Household Survey or periodic Census of Population) which include own account workers, cover very small establishments and are classified by sector on the basis of respondents' descriptions of the main activity conducted at their place of work.

Methodology **Employment:** Information for every industrial local unit known to be operating in the relevant reference week is used in compiling these estimates. The information is comprised of:

- A full breakdown of employment from completed quarterly inquiry questionnaires;
- Imputed employment estimates for non-respondent establishments based on trends in employment for respondents to the quarterly inquiry of a similar size and activity.

Changes from Previous Series:

Some methodological changes from the previous series to the new series have resulted in differences in estimates for retrospective periods. The methodological changes are:-

Sectoral Classification

The sectoral classification used in this series is NACE Rev 1 which is already being used for the Industrial Earnings & Hours Worked series, the Census of Industrial Production and the Monthly Production Index.

Employment Adjustment

In the previous series, adjustments were carried out at the level of the reporting unit in order to align employment estimates with those reported in the Census of Industrial Production. For the new series, this practice has been discontinued.

Definitions **Persons engaged:** All persons engaged in the industrial establishment as defined above are in this category. It includes:

- full-time and part-time employees;
- proprietors and family members not paid a definite wage or salary;
- persons on holidays or temporarily out sick.

Industrial workers: This employment category includes operatives, maintenance workers, storekeepers, packers, cleaners, basic supervisory staff and apprentices.

Managerial Workers: Administrative, managerial and technical workers are included in this category.

Clerical Workers: This employment category includes clerical and other office staff and sales representatives.