

# News Release

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## Short-Term Business Statistics

### Quarterly Indicators (Oct-Dec 2003)

This release provides indices for all the quarters of 2002 and 2003. Tables 1 to 3 provide data for the Main Industrial Groupings and tables 4 to 6 provide a more detailed result for the selected economic activities. The base year used for these indices is the average for the whole 2002 (2002=100). This series is not seasonally adjusted.

In the fourth quarter last year, the turnover index of the Capital Goods group decreased by 7.49 per cent from 104.42 in 2002 to 96.60 in 2003. This group's employment index increased by 19.30 per cent to 115.60 in 2003 from 96.90 in 2002. The wages and salaries index increased by 21.61 per cent from 101.40 in 2002 to 123.31 last year.

The turnover index of the Consumer Durable Goods group increased by 6.32 per cent in 2003 Q4 when compared to the same quarter in 2002. Its employment index decreased from 103.83 in 2002 to 94.61 in 2003, a fall of 8.88 per cent. For the same period, the wages and salaries index decreased by 10.27 per cent to 96.71 from 107.78 in 2002.

In the fourth quarter 2003, the turnover index of the Consumer Non-Durable Goods group increased by 5.74 per cent from 100.19 in 2002 to 105.94 last year. The employment index decreased by 5.71 per cent from 100.31 in 2002 Q4 to 94.58 in 2003 Q4. Also, the wages and salaries index decreased from 101.85 in 2002 to 100.36 in 2003, a fall of 1.46 per cent.

The Energy group turnover index increased from 94.74 in 2002 to 100.64 in 2003, an increase of 6.23 per cent. During the fourth quarter last year, the employment index and the Wages and Salaries index both recorded a fall of 3.80 per cent and 4.25 per cent respectively.

The Intermediate Goods category showed a 1.03 per cent decrease in its turnover index, from 105.29 in 2002 to 104.21 last year. Its employment fell by 0.47 per cent to 101.91 in 2003 from 102.39 in 2002. For the same period under review, the wages and salaries decreased by 1.44 per cent from 106.79 in 2002 to 105.25 in 2003.

The turnover index for all industry increased by 3.33 per cent from 103.71 in 2002 to 107.16 in 2003. The employment index and the wages and salaries index registered an increase of 2.23 per cent and 2.46 per cent respectively for the period under review.

This data is to be considered provisional.

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**Table 1. Indices - Turnover ( Net of Vat)**

Main industrial grouping	2002				2003				Annual (Q4) % Change
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	
Capital Goods	96.87	101.49	97.22	104.42	121.34	130.56	84.17	96.60	-7.49
Consumer Durable Goods	86.03	101.80	98.59	113.58	94.50	144.49	132.31	120.76	6.32
Consumer Non-Durable Goods	89.94	100.33	109.54	100.19	93.29	103.14	104.53	105.94	5.74
Energy	98.30	92.60	114.36	94.74	98.51	92.97	103.79	100.64	6.23
Intermediate Goods	97.11	101.93	95.67	105.29	99.95	104.68	102.08	104.21	-1.03
<b>Total Industry</b>	<b>94.52</b>	<b>100.96</b>	<b>100.81</b>	<b>103.71</b>	<b>99.27</b>	<b>107.76</b>	<b>103.23</b>	<b>107.16</b>	<b>3.33</b>

**Table 2. Indices - Employment**

Main industrial grouping	2002				2003				Annual (Q4) % Change
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	
Capital Goods	101.18	102.58	99.34	96.90	103.65	106.38	99.86	115.60	19.30
Consumer Durable Goods	101.26	97.90	97.01	103.83	136.40	135.98	126.37	94.61	-8.88
Consumer Non-Durable Goods	97.69	99.98	102.02	100.31	95.75	94.77	93.22	94.58	-5.71
Energy	100.40	99.78	100.32	99.50	98.58	98.54	96.70	95.72	-3.80
Intermediate Goods	96.23	99.42	101.96	102.39	101.04	103.52	101.18	101.91	-0.47
<b>Total Industry</b>	<b>98.58</b>	<b>100.05</b>	<b>100.79</b>	<b>100.58</b>	<b>103.51</b>	<b>104.29</b>	<b>100.67</b>	<b>102.82</b>	<b>2.23</b>

**Table 3. Indices - Gross wages & salaries**

Main industrial grouping	2002				2003				Annual (Q4) % Change
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	
Capital Goods	97.42	102.67	98.51	101.40	109.88	116.82	101.75	123.31	21.61
Consumer Durable Goods	97.65	98.54	96.03	107.78	138.25	117.97	116.35	96.71	-10.27
Consumer Non-Durable Goods	97.20	98.92	102.04	101.85	106.59	102.75	100.54	100.36	-1.46
Energy	98.49	96.65	105.98	98.88	99.48	109.55	93.82	94.68	-4.25
Intermediate Goods	92.79	99.79	100.62	106.79	105.60	111.76	105.36	105.25	-1.44
<b>Total Industry</b>	<b>96.16</b>	<b>99.71</b>	<b>100.79</b>	<b>103.33</b>	<b>108.84</b>	<b>110.37</b>	<b>102.75</b>	<b>105.87</b>	<b>2.46</b>

**Table 4. Indices - Turnover (Net of VAT)**

Nace	2002				2003				Annual (Q4) % Change
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	
14	91.97	95.69	99.55	112.79	110.30	129.73	112.10	116.80	3.56
15	82.91	96.57	115.81	104.72	78.32	97.48	104.86	97.78	-6.63
16	88.01	108.11	110.95	92.93	92.04	105.52	110.12	97.49	4.91
17	77.77	90.98	125.63	105.62	117.10	115.87	82.95	68.02	-35.60
18	106.57	103.11	95.79	94.54	114.76	100.35	77.06	79.01	-16.43
19	110.33	100.69	104.96	84.01	95.99	82.89	80.23	77.91	-7.26
21	86.67	105.18	116.82	91.33	109.57	106.01	115.71	162.74	78.19
22	89.58	96.67	97.74	116.01	103.90	110.38	108.25	129.77	11.86
24	99.58	109.68	93.40	97.35	96.99	107.85	99.64	138.68	42.46
25	96.10	102.79	103.29	97.82	94.13	112.20	87.97	90.06	-7.93
26	93.59	109.87	97.75	98.80	83.64	108.93	93.29	101.63	2.86
28	75.13	112.15	99.32	113.41	135.16	96.75	96.87	153.16	35.05
29	109.95	102.58	92.74	94.73	57.90	148.67	70.98	81.24	-14.24
31	104.36	102.06	96.82	96.76	86.27	113.56	103.48	109.34	13.00
32	97.12	101.59	93.64	107.64	102.67	108.83	110.59	108.31	0.62
33	103.89	99.73	90.74	105.64	103.30	104.52	95.76	112.99	6.96
34	113.28	103.05	90.14	93.53	82.32	92.76	75.60	68.95	-26.28
35	131.02	55.14	103.53	110.31	148.55	88.05	79.28	75.07	-31.95
36	91.78	98.39	112.38	97.44	92.37	104.33	88.33	122.41	25.63
37	93.08	75.89	102.07	128.96	106.91	82.56	74.16	22.11	-51.06
40	99.87	92.44	112.17	95.53	102.03	91.12	92.32	100.10	4.78
41	91.81	93.30	123.77	91.12	84.50	100.58	95.11	100.95	10.79

**Table 5. Indices - Employment**

Nace	2002				2003				Annual (Q4) % Change
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	
14	96.91	99.11	101.47	102.51	102.66	103.84	105.65	102.24	-0.26
15	97.32	100.90	104.20	97.58	83.46	86.06	87.58	84.80	-13.10
16	101.00	100.33	99.45	99.22	106.93	106.93	106.44	105.94	6.77
17	84.48	96.00	108.27	111.24	114.57	110.76	107.45	103.90	-6.60
18	100.31	100.65	99.26	99.77	104.69	99.08	85.41	96.39	-3.39
19	106.07	102.93	96.75	94.25	93.68	83.91	77.72	75.89	-19.48
21	96.93	101.79	99.42	101.86	109.37	105.36	117.48	91.00	-10.66
22	96.44	97.69	101.52	104.35	92.02	91.14	94.43	89.34	-14.38
24	97.09	99.34	101.08	102.48	106.79	112.25	115.02	115.91	13.10
25	100.36	101.32	100.90	97.41	91.01	104.18	89.70	82.72	-15.08
26	96.85	100.19	101.23	101.72	100.60	100.49	100.80	100.63	-1.07
28	95.35	97.32	103.79	103.54	106.27	100.30	98.79	92.86	-10.31
29	101.23	102.27	103.19	93.31	102.91	104.39	107.20	109.85	17.73
31	99.85	100.60	100.05	99.50	100.63	101.11	100.93	92.47	-7.07
32	97.70	99.08	101.51	101.71	104.41	105.56	102.85	101.97	0.26
33	105.51	100.33	99.15	95.01	93.47	95.13	96.99	96.65	1.73
34	103.99	109.40	99.98	86.63	87.42	87.42	67.21	64.53	-25.51
35	107.51	105.27	93.93	93.29	95.63	96.01	95.19	107.19	14.90
36	93.95	97.10	99.58	109.37	137.56	135.04	126.70	102.75	-6.05
37	95.92	97.31	102.87	103.91	105.99	117.12	125.11	116.07	11.70
40	99.79	99.53	100.69	99.99	99.41	98.26	97.67	96.99	-3.00
41	101.16	100.09	99.87	98.88	97.56	99.12	95.22	93.66	-5.28

Table 6. Indices - Gross wages & salaries

Nace	2002				2003				Annual (Q4) % Change
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	
14	95.45	97.96	103.60	102.99	123.05	107.15	111.34	92.85	-9.85
15	93.78	99.34	106.95	99.93	88.93	92.51	96.25	94.91	-5.02
16	98.98	97.09	106.83	97.10	118.61	106.04	111.32	110.42	13.72
17	90.23	98.00	104.85	106.92	112.52	129.67	97.95	99.28	-7.15
18	103.41	101.28	98.75	96.55	120.03	98.20	83.66	82.31	-14.75
19	105.61	103.41	98.13	92.85	101.74	90.05	83.19	78.66	-15.28
21	90.37	103.39	104.83	101.40	108.42	111.98	123.83	98.17	-3.19
22	93.40	95.64	98.59	112.36	113.28	110.21	108.87	118.74	5.68
24	98.74	99.08	94.07	108.11	110.47	119.98	116.17	109.92	1.67
25	97.88	101.89	101.58	98.65	97.60	116.37	96.88	105.57	7.01
26	90.40	96.99	101.39	111.22	110.46	106.94	108.47	113.99	2.49
28	89.07	99.23	103.18	108.52	104.64	106.07	101.35	115.49	6.42
29	97.08	101.25	102.98	98.69	112.37	115.44	120.31	123.31	24.95
31	92.96	103.83	98.27	104.95	105.91	103.33	109.64	106.96	1.92
32	91.64	98.44	100.41	109.52	107.22	111.35	107.88	105.51	-3.66
33	107.19	95.95	97.47	99.39	134.49	103.87	102.77	98.29	-1.11
34	93.69	111.62	93.93	100.77	88.04	90.72	78.97	79.25	-21.36
35	96.71	105.94	92.87	104.48	100.96	121.55	93.25	114.35	9.45
36	92.56	97.53	102.27	107.63	125.96	128.48	124.04	112.54	4.56
37	78.71	106.28	102.37	112.63	135.64	134.29	169.17	133.92	18.09
40	100.21	98.35	98.59	102.85	102.07	102.78	94.31	93.42	-9.17
41	95.62	93.81	118.10	92.47	95.40	120.84	92.83	96.42	4.27

### Main Industrial Groupings breakdown

MIG	NACE Group	Industry Classification
Capital goods -	28.1	Manufacture of structural metal products
	28.2	Manufacture of tanks, reservoirs and containers of metal; manufacture of central heating radiators and boilers
	29.1	Manufacture of machinery for the production and use of mechanical power, except aircraft, vehicle and cycle engines
	29.2	Manufacture of other general purpose machinery
	29.4	Manufacture of machine-tools
	29.5	Manufacture of other special purpose machinery
	31.1	Manufacture of electric motors, generators and transformers
	32.2	Manufacture of television and radio transmitters and apparatus for line and telephony and line telegraph
	33.1	Manufacture of medical and surgical equipment and orthopaedic appliances
	33.2	Manufacture of instruments and appliances for measuring, checking, testing, navigating and other purposes
	33.3	Manufacture of industrial process control equipment
	34.0	Manufacture of motor vehicles, trailers and semi-trailers
	35.1	Building and repairing of ships and boats
35.3	Manufacture of aircraft and spacecraft	
Consumer Durable Goods-	29.7	Manufacture of domestic appliances n.e.c.
	32.3	Manufacture of television and radio receivers, sound or video recording or reproducing apparatus and associated goods
	33.4	Manufacture of optical instruments and photographic equipment
	36.1	Manufacture of furniture
	36.2	Manufacture of jewellery and related articles
Consumer Non-Durables Goods-	15.1	Production, processing and preserving of meat and meat products
	15.3	Processing and preserving of fruit and vegetables
	15.4	Manufacture of vegetables and animal oils and fats
	15.5	Manufacture of dairy products
	15.8	Manufacture of other food products
	15.9	Manufacture of beverages
	16.0	Manufacture of tobacco products
	17.4	Manufacture of made-up textiles articles, except apparel
	17.5	Manufacture of other textiles
	17.7	Manufacture of knitted and crocheted articles
	18.0	Manufacture of wearing apparel; dressing and dyeing of fur
19.0	Tanning and dressing of leather; manufacture of luggage, handbags, saddlery; harness and footwear	

### Main Industrial Groupings breakdown

MIG	NACE Group	Industry Classification
Consumer Non-Durables Goods Cont.-	22.0	Publishing, printing and reproduction of recorded media
	24.4	Manufacture of pharmaceuticals, medicinal chemicals and botanical products
	24.5	Manufacture of soap and detergents, cleaning and polishing preparations, perfumes and toilet preparations
	36.5	Manufacture of games and toys
	36.6	Miscellaneous manufacturing n.e.c.
Energy -	40.0	Electricity, Gas, steam and hot water supply
	41.0	Collection, purification and distribution of water
Intermediate Goods-	15.6	Manufacture of grain mill products, starches and starch products
	15.7	Manufacture of prepared animal feed
	21.0	Manufacture of pulp, paper and paper products
	24.2	Manufacture of pesticides and other agro-chemical products
	24.3	Manufacture of paints, varnishes and similar coatings, printing ink and mastics
	24.7	Manufacture of man-made fibres
	25.0	Manufacture of rubber and plastic products
	26.0	Manufacture of other non-metallic mineral products
	28.5	Treatment of coating of metals
	28.6	Manufacture of cutlery, tools and general hardware
	28.7	Manufacture of other fabricated metal products
	31.2	Manufacture of electricity distribution and control apparatus
	31.3	Manufacture of insulated wire and cable
	31.5	Manufacture of lighting equipment and electric lamps
	31.6	Manufacture of electrical equipment n.e.c.
	32.1	Manufacture of electronic valves and tubes and other electronic components
	37.0	Recycling

## KEY TO NACE CLASSIFICATION

- 14 - Quarrying
- 15 - Food and beverages
- 16 - Manufacture of tobacco products
- 17 - Manufacture of textiles and textile products
- 18 - Manufacture of wearing apparel and clothes
- 19 - Manufacture of leather and leather products
- 21 - Manufacture of paper and paper products
- 22 - Publishing and printing
- 24 - Manufacture of chemicals and chemical products
- 25 - Manufacture of rubber and plastic products
- 26 - Manufacture of other non-metallic mineral products
- 28 - Manufacture of fabricated metal products
- 29 - Manufacture of machinery and equipment n.e.c.
- 31 - Manufacture of electrical machinery and apparatus
- 32 - Manufacture of radio, TV, communication equipment, etc.
- 33 - Manufacture of medical, precision and optical instruments, etc.
- 34 - Manufacture of motor vehicles, trailers and semi-trailers
- 35 - Manufacture of other transport equipment
- 36 - Manufacture of furniture and other manufacture N.E.C.
- 37 - Recycling
- 40 - Electrical energy, gas steam and hot water
- 41 - Collection, purification and distribution of water



## **METHODOLOGICAL NOTES**

This is the first series of monthly indices to be published from the NSO's monthly and quarterly surveys of economic activity in Malta. The data presented cover quarrying, manufacturing and energy. The results are compiled and published according to NACE (the statistical classification of economic activities in the European Community).

### **DATA COLLECTION AND INDEX COMPILATION**

Data has been collected by means of a statistical sample survey. For each NACE division (for example NACE Division 14 for quarrying), a sample was selected. On a monthly basis the selected enterprises were requested to provide information, including turnover, employment and wages and salaries. On the basis of the information provided, indices have been calculated for each Division, showing the level of the specified variable (for example employment), relative to the average level throughout the base year 2002, in the case of the data presented here. Note that the data presented have not been seasonally adjusted.

### **MAIN INDUSTRIAL GROUPINGS**

The objective of MIGS (Main Industrial Groupings) is to provide an activity breakdown of industry (Sections C to E inclusive of NACE) which is an intermediate level between the sections and sub-Sections. The need for an intermediate level comes from the fact that the three sections provide only a limited amount of detail. The 17 sub-sections belonging to these 3 sections are too numerous and also too difficult in size to make an aggregate analysis of the current development trends of industry.

There are 5 MIGS. These regroup all of the activities between Sections C to E and cover economic activities from quarrying, all manufacturing sectors and the water & energy sectors. These are:

- intermediate goods;
- capital goods;
- consumer durables;
- non-durable consumer goods;
- energy.

### **STATUS OF THE DATA**

This data set is considered provisional as the methodology of the data collection and the index calculation is still being developed. Furthermore, efforts to increase the response rate are likely to lead to revisions of the index.

### **OBJECTIVES**

The aim of the short-term statistics is to provide users with information on the business cycle.

### **SUMMARY DEFINITIONS OF KEY VARIABLES:**

Turnover: includes total sales and other income and is expressed net of VAT. Turnover is presented in current prices.

Wages & Salaries: covers wages and salaries including bonuses, weekly allowances (cost of living allowances), overtime and national social security contributions by the employee. It does not include employer's social security charges.

Employment: This covers all persons employed, regardless of whether they are part-time or full-time, and includes paid employees as well as working proprietors and unpaid family workers.