P3041.2 Manufacturing: production and sales June 2003

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Key figures as at the end of June 2003

| | Actual estimates | June 2003 | % change between June 2002 and June 2003 | % change between April 2002 to June 2002 and April 2003 to June 2003 | % change between January 2002 to June 2002 and January 2003 to June 2003 |
|--------------------------|-------------------------------------|--------------|--|--|--|
| volume of | Physical | | | | |
| manufacturing index | production (2000=100) | 104,4 | -2,2 | -3,7 | -1,7 |
| of sales manufactured | Total value of products (R million) | 50 539,2 | +0,6 | -1,2 | +3,5 |

| | Seasonally adjusted estimates | June 2003 | % change between May 2003 and June 2003 | % change between January 2003 to March 2003 and April 2003 to June 2003 |
|--------------------------|-------------------------------------|--------------|---|---|
| volume of | Physical | | | |
| manufacturing index | production (2000=100) | 103,2 | -2,1 | -1,3 |
| of sales manufactured | Total value of products (R million) | 49 673,5 | -0,1 | -2,2 |

Key findings as at the end of June 2003

MANUFACTURING PRODUCTION DECREASES

Manufacturing production for the second quarter of 2003 reflected a decrease of 1,3%, after seasonal adjustment, compared with the first quarter of 2003. Lower production was reported by 18 of the 27 manufacturing divisions. Furthermore, the actual manufacturing production for the first six months of 2003 reflected a decrease of 1,7% compared with the first six months of 2002. The manufacturing production for June 2003, after seasonal adjustment, also reflected a decrease of 2,1% compared with May 2003.

The major contributor to the decrease of 1,3% after seasonal adjustment in the total manufacturing production were the food and food products division (contributing -0,4 of a percentage point to total manufacturing production), followed by the textile and wearing apparel (each contributing -0,3 of a percentage point), wood and products of wood, 'other' chemical products, basic iron and steel products and 'other' manufacturing industries (each contributing -0,2 of a percentage point) divisions (see table A).

SALES OF MANUFACTURED PRODUCTS DECREASE

The total value of sales of manufactured products at current prices for the second quarter of 2003 reflected a decrease of 2,2% (-R3 360 million), after seasonal adjustment, compared with the first quarter of 2003. Lower manufacturing sales were reported by 19 of the 27 manufacturing divisions during this period. Furthermore, the actual total value of sales of manufactured products at current prices for the second quarter of 2003 reflected a decrease of 1,2% (-R1 877 million) compared with the second quarter of 2002. Lower manufacturing sales were reported by 10 of the 27 manufacturing divisions.

The decrease of 2,2% after seasonal adjustment in the total value of sales of manufactured products at current prices for the second quarter of 2003 compared with first quarter of 2003 was mainly due to large decreases reported by the coke and refined petroleum products (-14,3% or -R1 510 million), basic precious and non-ferrous metal products (-6,4% or -R321 million), food and food products (-4,3% or -R911 million) and motor vehicles, trailers, parts and accessories (-2,6% or -R515 million) divisions (see table B).

The major contributors to the decrease of 1,2% in the actual value of sales of manufactured products at current prices for the second quarter of 2003 compared with the second quarter of 2002 were the coke and refined petroleum products (-1,6 percentage points or -R2 422 million), motor vehicles, trailers, parts and accessories (-1,0 percentage point or -R1 540 million), basic precious and nonferrous metal products (-0,5 of a percentage point or -R820 million) and basic chemicals (-0,3 of a percentage point or -R487 million) divisions. However, these decreases were partially counteracted by a large increase reported by the basic iron and steel products division which contributed 1,1 percentage points or +R1 660 million to the quarterly percentage change in total actual value of sales of manufactured products at current prices for the second quarter of 2003 compared with the second quarter of 2002 (see table C).

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Notes

| Forthcoming issues | Issue | Expected release date |
|-----------------------|---|--|
| | July 2003 | 9 September 2003 |
| | August 2003 | 7 October 2003 |
| | September 2003 | 11 November 2003 |
| | October 2003 | 9 November 2003 |
| | November 2003 | 13 January 2004 |
| | December 2003 | 10 February 2004 |
| Purpose of the survey | sample survey cover corporations and gover industry in the South A calculate physical volu | turing Production and Sales Survey is a country-wide ring a sample of private establishments, public rnment establishments operating in the manufacturing frican economy. The results of this survey are used to time of manufacturing production indices in order to Domestic Product (GDP) to monitor and develop |

Additional information

Explanatory notes

Introduction

- Statistics South Africa (Stats SA) conducts a monthly sample survey of the manufacturing industry covering private manufacturing establishments (branches), public corporations and government establishments. This statistical release contains historical information regarding indices of the physical volume of manufacturing production, the total value of sales of manufactured products and unfilled orders, according to manufacturing divisions and major groups on a monthly basis.
- In accordance with international practice, the indices have to be re-based every five years to a new base year. The indices in this statistical release have been calculated on the basis of 2000=100. Both actual and seasonally adjusted figures are presented.
- In order to improve timeliness, some information for the current month (June 2003) have been estimated due to late response. These estimates will be revised in the future statistical release(s) as soon as more up-to-date information is available.

Scope of the survey

- 4 This survey covers manufacturing establishments conducting activities regarding -
 - the manufacturing, processing, making or packing of products;
 - the slaughtering of animals, including poultry; and
 - installation, assembly, completion, repair and related work.

Classification

The 1993 edition of the Standard Industrial Classification of all Economic Activities (SIC), Fifth Edition, Report No. 09-90-02, was used to classify the statistical units in the survey. The SIC is based on the 1990 International Standard Industrial Classification of all Economic Activities (ISIC) with suitable adaptations for local conditions. Statistics in this publication are presented at SIC division and major group level. Each statistical unit is classified to an industry which reflects the predominant activity of the establishment (branch).

Statistical unit

6 The basic statistical unit for the collection of information is the manufacturing establishment. An establishment is the smallest economic unit that functions as a separate entity. Each statistical unit is classified to an industry (cf. paragraph 5).

Weighting

A weight is calculated for every major group according to the value added of the relevant major group compared with the value added of the total manufacturing industry based on the 1991, 1993 and 1996 Censuses of Manufacturing. Weights between census years are fixed and are based on the results of the most recent Census of Manufacturing. The production indices of all the major groups are multiplied by the applicable weights and aggregated to reflect the total physical volume of manufacturing production index (cf. Table E for the fixed weights which were used for the three periods 1990 to 1992, 1993 to 1995 and 1996 to 2003.).

Re-basing

In accordance with international practice, the indices have to be re-based every five years to a new base year. The indices in this statistical release have been calculated on the basis of 2000=100. The first results on this basis were published in the December 2002 statistical release. Both actual and seasonally adjusted figures are presented.

Survey methodology and design

- The calculation of the monthly production indices is based on the value of products and articles manufactured, after the effect of price changes has been eliminated through deflation by using appropriate sub-indices of the Production Price Index (PPI). The value of the manufactured products is obtained from a monthly sample survey of manufacturing establishments in the private and public sectors.
- 10 The survey is collected by mail each month from a sample of approximately 2 400 manufacturing establishments.
- 11 The above-mentioned measurement method in paragraph 9 was followed in 36 of the 45 major groups. On account of certain considerations more appropriate indicators were used for the nine remaining major groups namely grain mill products, tobacco products, coke and refined petroleum products, basic iron and steel products, basic precious and non-ferrous metal products, motor vehicles, bodies for motor vehicles and parts and accessories for motor vehicles and other transport equipment. The volume indices for the major groups grain mill products, tobacco products, coke and refined petroleum products, basic iron and steel products, basic precious and non-ferrous metal products, motor vehicles, bodies for motor vehicles and parts and accessories for motor vehicles and other transport equipment are calculated on the basis of physical quantities. This method based on physical quantities is applied by other international statistical agencies for petroleum products due to the results being more satisfactory (mainly due to these commodities being relatively homogeneous and the nature of the industry). For publication purposes, the major group tobacco products is included under 'Other' manufacturing industries.

Sample design

The 1988 Census of Manufacturing provided the sampling frame for the selection of the monthly sample regarding manufacturing production and sales which was implemented as from January 1995. A stratified systematic sample design based on gross output was used. All statistical

units were stratified by type of economic activity according to the Standard Industrial Classification of all Economic Activities (SIC) and measure of size, where measure of size was the total manufacturing gross output of the establishment. All large establishments (size category one cases) are completely enumerated. A sample was drawn from medium and small size establishments by systematically selecting establishments with equal probability.

Benchmarking

- The index of physical volume of manufacturing production as well as 13 the total value of sales of manufactured products should provide an accurate reflection of the trend of activities of the relevant industry. The level of activities as measured by the monthly Manufacturing Production and Sales sample survey is based on information received from a sample of manufacturing establishments which is weighted according to the original sample design in order to represent the population of manufacturing establishments. It is necessary to adjust the level of activities as measured by the monthly sample survey to the level of activities as measured periodically by the Census of Manufacturing. This procedure, whereby the latest results of an economic census are used to compile more accurate level estimates for a certain year, is known as benchmarking. The results, due to benchmarking, were published in statistical releases P3041.3 (entitled Manufacturing statistics: Indices of the physical volume of manufacturing production, Base: 1995=100, January 1990 to September 1999) on 21 December 1999 and P3041.4 (entitled Manufacturing statistics: Value of sales, January 1990 to September 1999) on 8 December 1999.
- 14 The results of the 1991, 1993 and 1996 Censuses of Manufacturing and information obtained from the former TBVC states were used to adjust the level of the manufacturing production indices and the value of sales of manufactured products. The total value of output of the manufacturing major groups (which represents the total value of work done by the establishments in these major groups) as obtained from the manufacturing censuses, was deflated with appropriate sub-indices of the Production Price Index in order to calculate the real output. The latter served as benchmarks to verify or adjust the level of the monthly physical volume of manufacturing production indices. adjustments were done on the volume indices for January of the relevant census year (e.g. the 1996 census year covers the period 1 July 1995 to 30 June 1996 and therefore the benchmarking was done using the index of January 1996 as reference point). The motor vehicle major group is the only exception where the financial year for most of the establishments covered the period 1 January 1995 to 31 December 1995. The benchmarking was done using the physical volume of manufacturing production index for July 1995 as reference point.

Production index for 15 the total manufacturing In order to calculate a production index for the total manufacturing industry, the production indices for the major groups are combined as follows:

industry

A weight is calculated for every major group according to the value added of the relevant major group compared with the value added of the total manufacturing industry based on the 1991, 1993 and 1996 Censuses of Manufacturing. Weights between census years are fixed and are based on the results of the most recent Census of Manufacturing. The production indices of all the major groups are multiplied by the applicable weights and aggregated to reflect the total physical volume of manufacturing production index.

Seasonal adjustment

Seasonally adjusted estimates of all major groups are generated each month, using the X-11 Seasonal Adjustment Program developed by US Bureau of the Census Economic Research and Analyses Division, 1968. Seasonal adjustment is a means of removing the estimated effects of normal seasonal variation from the series so that the effects of other influences on the series can be more clearly recognised. Seasonal adjustment does not aim to remove irregular or non-seasonal influences which may be present in any particular month. Influences that are volatile or unsystematic can still make it difficult to interpret the movement of the series even after adjustment for seasonal variations. This means the month-to-month movements of seasonally adjusted estimates may not be reliable indicators of trend behaviour.

Trend cycle

The trend is the long-term pattern or movement of a time series. The X-11 Seasonal Adjustment Program is used for smoothing seasonally adjusted estimates.

Reliability estimates

of 18

16

Estimates are subject to sampling and non-sampling errors. Figures for the latest month are preliminary.

Historical data

- More comprehensive detail on the method of calculation and historical data in respect of the production indices according to manufacturing major groups for the period January 1990 to November 2002 is available in statistical release P3041.3 (entitled Manufacturing statistics: Indices of the physical volume of manufacturing production, Base: 2000=100, January 1990 to November 2002.
- More comprehensive detail on the method of calculation and historical data in respect of the value of sales for the period January 1990 to September 1999 was published on 8 December 1999 in statistical release P3041.4.

Related publications

- 21 Users may also wish to refer to the following publications which are available from Stats SA -
 - P3041.3 Manufacturing statistics: Indices of the physical volume of manufacturing production, Base: 2000=100, January 1990 to November 2002.

- P3041.4 -Manufacturing statistics: Value of sales (divisions, major groups and subgroups), January 1990 to September 1999
- Bulletin of Statistics.
- SA Statistics.
- P0441 Gross Domestic Product.

Unpublished statistics 22

In some cases Stats SA can also make available statistics which are not published. The statistics can be made available as a computer printout, diskette or CD. Generally a charge is made for providing unpublished statistics.

Rounding-off figures

of 23 The figures in the tables have, where necessary, been rounded off to the nearest final digit shown. There may, therefore, be slight discrepancies between the sums of the constituent items and the totals shown.

Pre-release policy

Stats SA has adopted the confidential pre-release policy in respect of 24 selected economic indicators and specific government departments. The policy accords with practice among leading statistical agencies. The statistical integrity of the indices and strict observance of the release time has been assured by the following procedure:

in respect of this statistical release, an official representative from the Office of the President, the Office of the Deputy President, the Department of Trade and Industry, the Department of Finance and the South African Reserve Bank receive a copy of the release on a strictly confidential basis two hours in advance of the public issue.

Stats SA's pre-release policy may be inspected at its Website, 25 www.statssa.gov.za.

Symbols and abbreviations

GDP Gross Domestic Product ISIC International Standard Classification of all Economic **Activities**

PPI **Production Price Index**

SIC Standard Industrial Classification of all Economic

Activities

SNA System of National Accounts

Stats SA Statistics South Africa

Relates to the former Transkei, Bophuthatswana, Venda TBVC states

and Ciskei states

Preliminary figures 1/

Revised figures

Technical notes

Response rates

The response rate for the survey on manufacturing production and sales for June 2003 was 78,9%. The response rates by manufacturing major division are tabulated in table D.

Table D - Response rates for June 2003

| Manufacturing major divisions | Sample No. of establishments | % response |
|---|------------------------------------|--------------|
| Food and food products | 306 | 73,9 |
| Beverages | 62 | 85,5 |
| Textile | 104 | 94,2 |
| Total wearing apparel | 125 | 87,2 |
| Tanning and dressing of leather | 24 | 87, <u>5</u> |
| Footwear | 21 | 81,0 |
| Wood and products of wood | 110 | 53,6 |
| Paper and paper products | 92 | 81,5 |
| Total publishing and printing | 86 | 77,9 |
| Coke and refined petroleum products | 28 | 77,5 75,0 |
| Basic chemicals | 73 | 95,9 |
| Other chemical products | 106 | 84,9 |
| Rubber products | 21 | 85,7 |
| Plastic products | 92 | 76,1 |
| Glass and glass products | 12 | 83,3 |
| Other non-metallic mineral products | 126 | 80,2 |
| Basic iron and steel products | 39 | 92,3 |
| Basic precious and non-ferrous metal products | 22 | 77,3 |
| Fabricated metal products | 219 | 77,3 79,5 |
| Total machinery and equipment | 182 | 80,2 |
| Electrical machinery, apparatus | 77 | 81,8 |
| Radio, television and communication apparatus | 22 | 68,2 |
| Professional equipment | 25 | 60,0 |
| Motor vehicles; trailers; parts and accessories | 118 | 89,0 |
| Other transport equipment | 34 | 79,4 |
| Furniture | 67 | 65,7 |
| Other manufacturing industries | 79 | 57,0 |
| Total | 2 272 | 78,9 |

Glossary

Enterprise

An enterprise (firm) is a legal entity consisting of one or more establishments. The establishments need not necessarily all be manufacturing establishments, but some may be classifiable as other industries of the economy, such as wholesale trade, retail trade, motor trade and construction.

Establishment

An establishment is defined as an enterprise (firm), or part of an enterprise, that is situated at a single location and in which only a single (non-ancillary) productive activity is carried out or in which the principal productive activity accounts for most of the value added.

Index of physical volume of manufacturing production

The index of physical volume of manufacturing production or a production index is a statistical measure of the change in the volume of production. The production index of a major group is the ratio between the volume of production of a major group in a given period and the volume of production of the same major group in the base period. The base period is 2000. The production in the base period is set at 100.

Industry

An industry consists of a group of establishments engaged in the same or similar kinds of economic activity. Industries are defined in the System of National Accounts (SNA) in the same way as in the Standard Industrial Classification of all Economic Activities, Fifth Edition, Report No. 09-90-02 of January 1993 (SIC).

Intercensal period

Intercensal period is the period between January of the one census year and January of the next census year.

Intermediate consumption

Intermediate consumption includes -

- purchases and transfers-in of materials;
- payments to other establishments for work done;
- other direct factory costs;
- rent and leasing paid;
- head office charges;
- royalties, copyright, trade names and patent rights paid;
- advertising;
- insurance premiums;
- services; and
- secretarial and administrative fees.

Output

Output is the aggregate value of goods manufactured and work done.

Output includes -

• sales and transfers-out of own manufactures, factory waste and stocks of

factored

- goods;
- repairs;
- installation, erection and assembly;
- sundry trading revenue;
- sales of factored goods minus purchases of factored goods;
- rent and leasing received;
- royalties received;
- difference between opening value and closing value of work in progress, stocks of own manufactures and stocks of factored goods;
- head office charges; and
- other revenue.

Output excludes -

• excise and customs duty paid.

Value added

Value added is the value of output less intermediate consumption. It represents the value added to the cost of the materials used in the process of production.

Sales

Sales are the total value of sales and transfers-out of all own manufactured products/articles and the amounts received for installation, erection or assembly or other services rendered.

Weight

The weight of a major group is the ratio of the value added of a major group (i.e. output of a major group minus intermediate consumption) to the total value added of the manufacturing industry. The weight of a major group reflects the importance of the major group in the total manufacturing industry. The weights change over time due to quality changes, changes in relative prices, and changes in preference, etc. New weights need to be calculated from time to time.

 $Table\ E-Weights\ and\ the\ average\ indices\ of\ physical\ volume\ of\ manufacturing\ production\ according\ to\ manufacturing\ divisions\ and\ major\ groups\ before\ re-basing$

Base 1995 = 100

| | | Weights | | Average indices for the |
|---|-----------|-----------|-----------|-------------------------|
| Manufacturing divisions and major groups | | Weights | | year 2000 before re- |
| | 1990-1992 | 1993-1995 | 1996-2003 | basing |
| Food and food products | 10,97 | 12,33 | 10,71 | 99,1 |
| Meat, fish, fruit etc. | 2,93 | 3,20 | 2,83 | 111,7 |
| Dairy products | 1,40 | 1,68 | 1,36 | 89,4 |
| Grain mill products | 2,13 | 2,80 | 2,10 | 91,3 |
| Other food products | 4,52 | 4,65 | 4,41 | 97,6 |
| Beverages | 4,83 | 5,26 | 4,60 | 92,6 |
| Total textiles | 3,33 | 3,33 | 2,88 | 93,5 |
| Textiles | 2,09 | 2,03 | 1,69 | 84,6 |
| Other textile products | 1,24 | 1,30 | 1,19 | 106,2 |
| Total wearing apparel | 3,94 | 3,81 | 3,60 | 82,8 |
| Knitted, crocheted articles | 0,67 | 0,64 | 0,60 | 73,9 |
| Wearing apparel | 3,27 | 3,17 | 3,00 | 84,5 |
| Tanning and dressing of leather | 0,41 | 0,34 | 0,41 | 125,2 |
| Footwear | 1,15 | 1,10 | 0,93 | 65,6 |
| Wood and products of wood | 1,96 | 1,81 | 1,95 | 119,3 |
| Sawmilling and planning of wood | 0,98 | 0,82 | 0,77 | 104,8 |
| Products of wood | 0,97 | 0,99 | 1,17 | 128,8 |
| Paper and paper products | 4,58 | 4,73 | 5,32 | 105,3 |
| Total publishing and printing | 3,57 | 3,95 | 4,11 | 87,8 |
| Publishing | 1,15 | 1,41 | 1,48 | 97,8 |
| Printing, recorded media | 2,42 | 2,54 | 2,63 | 82,3 |
| Coke and refined petroleum products | 6,45 | 6,41 | 4,17 | 104,5 |
| Basic chemicals | 4,57 | 3,19 | 4,47 | 132,0 |
| Other chemical products | 5,97 | 6,61 | 6,17 | 101,8 |
| Rubber products | 1,59 | 1,52 | 1,36 | 98,7 |
| Plastic products | 2,58 | 2,85 | 3,08 | 89,7 |
| Glass and glass products | 1,15 | 0,99 | 1,00 | 88,5 |
| Other non-metallic mineral products | 3,67 | 3,58 | 3,50 | 97,6 |
| Basic iron and steel products | 6,90 | 6,49 | 7,56 | 116,3 |
| Basic precious and non-ferrous metal products | 2,15 | 2,19 | 3,25 | 175,6 |
| Fabricated metal products | 7,53 | 6,84 | 7,03 | 103,4 |
| Structural metal products | 2,84 | 2,04 | 2,39 | 90,5 |
| Other fabricated metal products | 4,69 | 4,80 | 4,65 | 110,0 |
| Total machinery and equipment | 6,31 | 6,06 | 5,78 | 99,7 |
| General purpose machinery | 2,58 | 2,59 | 2,50 | 110,6 |
| Special purpose machinery | 3,14 | 2,82 | 2,89 | 87,8 |
| Household appliances | 0,60 | 0,65 | 0,39 | 117,0 |
| Electrical machinery, apparatus | 3,36 | 3,49 | 3,45 | 102,1 |
| Electric motors | 0,31 | 0,37 | 0,57 | 106,9 |
| Electricity distribution | 0,32 | 0,46 | 0,52 | 135,2 |
| Insulated wire and cables | 0,71 | 0,79 | 0,77 | 91,1 |
| Accumulators | 0,43 | 0,47 | 0,33 | 82,3 |
| Electric lamps | 0,30 | 0,25 | 0,22 | 90,5 |
| Other electrical equipment | 1,28 | 1,15 | 1,04 | 99,9 |
| Radio, television and communication apparatus | 1,59 | 1,20 | 0,97 | 123,8 |
| Professional equipment | 0,41 | 0,54 | 0,51 | 80,9 |
| Motor vehicles; trailers; parts and accessories | 6,40 | 6,77 | 8,05 | 119,6 |
| Motor vehicles | 3,30 | 3,62 | 4,50 | 114,9 |
| Bodies for motor vehicles; trailers and semi-trailers | 0,61 | 0,52 | 0,55 | 63,3 |
| Parts and accessories | 2,49 | 2,62 | 3,00 | 137,0 |
| Other transport equipment | 1,16 | 1,10 | 1,01 | 118,3 |
| Furniture | 1,69 | 1,62 | 1,56 | 98,9 |
| Other manufacturing divisions | 1,69 | 1,88 | 2,58 | 111,5 |
| | · · | | | |
| TOTAL | 100,0 | 100,0 | 100,0 | 106,0 |

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Table A - Contribution of the production by the different manufacturing divisions to the total manufacturing production (Base 2000=100)

Percentage Average Quarterly | Contribution Manufacturing |contribuseasonally percentage (percentage tion to the Divisions adjusted change points) to total manuproduction (April 2003 the seasofacturing index for to nally adjus-June 2003 production the three ted quarterly in the base months compared percentage April 2003 year 2000 with the change in (Weights) to preceding | total manuthree | facturing months) | production 1/ June 2003 10,7 99,0 -3,5 | 4,6 114,7 -0,9 | 2,9 95,0 -11,5 | 3,6 96,3 -8,5 her 0,4 83,6 -3,0 | 0,9 68,9 -8,9 | 1,9 107,3 -7,7 | 5,3 96,5 -2,7 | g 4,1 100,4 +6,0 _____ Food and food products -0.4 Beverages -0,1 Total textiles -0,3 Total wearing apparel -0,3 Tanning and dressing of leather -0.0 -0.1 Footwear Wood and products of wood -0,2 Paper and paper products -0,1 Total publishing and printing +0.3 Coke and refined petroleum 101,4 +4,2 107,8 -1,0 104,3 -3,4 98,4 -1,1 121,8 +0,5 113,6 -3,1 4,2 products +0,2 Basic chemicals 4,5 -0,1 Other chemical products 6,2 -0,2 Rubber products 1,4 -0,0 Plastic products 3.1 +0.0 Glass and glass products 1,0 -0,0 Other non-metallic mineral 100,5 +0,4 110,3 -3,1 products 3.5 +0.0 Basic iron and steel products 7,6 -0,2 Basic precious and non-ferrous | +0,3 +0,2 +6,8 +0,4 100,6 116,3 118.7 100,6 metal products 3,2 +0,0 Fabricated metal products 7,0 +0,0 Total machinery and equipment 5,8 +0.4 Electrical machinery, apparatus Radio, television and 103,4 3,4 +0,0 84,5 +6,0 121,6 -7,2 +0,1 communication apparatus Professional equipment 0,5 -0,0 106,3 97,9 99 ^ Motor vehicles; trailers; -0,7 -3,2 -0,4 -5,7 8,0 -0,1 parts and accessories Other transport equipment -0,0 1,0 -0,0 Furniture Other manufacturing divisions 2,6 -0,2 -----|---| _____ Total 100,0 105,0 -1,3 -1,3

^{1/} The contribution is calculated by multiplying the quarterly percentage change of each manufacturing division with its corresponding weight in the base year, divided by 100.

Table 1 - Indices of the physical volume of manufacturing production: Total

Base 2000 = 100

| | | | | Base 2000 = 1 | .00 | | |
|-------|-------|-------|-------|---------------|--------------|--------|----------|
| Month | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
| | | | | Actual indice | :s | | |
| J | 85,3 | 85,8 | 83,6 | 85,2 | 89,5 | 92,7 | 93,6 |
| F | 99,1 | 97,2 | 93,7 | 98,7 | 102,0 | 104,5 | 105,4 |
| M | 98,4 | 98,9 | 97,9 | 104,8 | 107,3 | 109,6 | 109,3* |
| A | 100,9 | 92,3 | 90,7 | 89,0 | 94,6 | 105,3 | 100,6* |
| M | 101,7 | 96,8 | 95,9 | 99,9 | 100,8 | 110,7 | 105,7 |
| J | 100,9 | 99,6 | 94,8 | 102,1 | 105,0 | 106,7 | 104,4 1/ |
| J | 103,9 | 99,9 | 98,3 | 100,1 | 102,7 | 109,9 | |
| A | 101,9 | 95,6 | 97,7 | 102,5 | 102,6 | 111,9 | |
| s | 104,3 | 102,3 | 100,9 | 104,8 | 104,0 | 113,1 | |
| o i | 115,2 | 106,9 | 107,3 | 109,8 | 115,5 | 120,6 | |
| N | 107,9 | 105,5 | 109,9 | 113,6 | 118,1 | 121,1 | |
| D | 83,5 | 81,8 | 86,3 | 89,5 | 91,3 | 92,6 | |
| Year | 100,3 | 96,9 | 96,4 | 100,0 | 102,8 | 108,2 | |
| | | | | Seasonally ad | usted indice | :s | |
| | 100,6 | 100,4 | 97,1 | 97,8 | 102,4 | 106,0 | 107,2 |
| F | 100.9 | 98,7 | 95.2 | 100.1 | 103.5 | 105.7 | 106.8 |
| М | 95,5 | 96,1 | 95,1 | 101,4 | 103,5 | 105,5 | 105,3 |
| A | 106,2 | 97,0 | 95,2 | 93,7 | 99,8 | 111,5 | 106,4 |
| м | 101,2 | 96,3 | 95,6 | 99,6 | 100,3 | 110,2 | 105,4 |
| J | 99,7 | 98,5 | 93,8 | 100,9 | 103,8 | 105,4 | 103,2 |
| J | 101,9 | 98,2 | 97,0 | 98,9 | 101,9 | 109,1 | • |
| A | 99,5 | 93,8 | 96,2 | 100,9 | 101,1 | 110,1 | |
| S | 99,4 | 98,0 | 97,1 | 101,2 | 100,8 | 109,8 | |
| ō i | 102,8 | 95,9 | 96,8 | 99,6 | 104,8 | 109,6 | |
| N I | 97,1 | 94,9 | 98,8 | 101,9 | 105,8 | 108,4 | |
| D | 97,9 | 95,7 | 101,0 | 104,0 | 105,6 | 107,2 | |

^{*} Revised 1/ Preliminary

Table 2 - Indices of the physical volume of manufacturing production according to manufacturing divisions and major groups

Base 2000 = 100

| Manufacturing divisions and major groups | | | | | 00 = 100 | | | | |
|--|---------------------------------|--------------|--------------------|-------|-----------|---------------|------------|--------------|------------|
| Additional and major groups Section Sect | Manufacturing | | | | | | | | |
| Food and food products 10,7 101,6 106,3 101,5 103,5 102,6 101,1 99,7 | divisions | | j j | June | May | June 1/ | June | May | June |
| Products | | i | i i | 2002 | 20 | 003 | 2002 | 200 | 3 |
| Products | Food and food products | 10.7 | 101.6 | 106.3 | 101.5 | 103.5 | 102.6 | 101.1 | 99.7 |
| Products | Meat, fish, fruit etc. | 2,8 | 113,1 | 113,1 | 123,1 | 116,4 | 114,8 | 123,0 | 117,6 |
| Products | Dairy products | 1,4 | 100,7 | 91,5 | 86,2 | 86,2 | 99,2 | 95,7 | 93,4 |
| Products | Grain mill products | 2,1 | 113,6 | 110,6 | 109,4 | 107,0 | 110,1 | 105,9 | 106,6 |
| Products | Other food products | 4,4 | 88,7 | 104,4 | 88,6 | 98,9 | 92,2 | 86,5 | 87,0 |
| Products | Beverages | 4,6 | 112,4 | 103,2 | 106,5 | 98,2 | 112,3 | 118,2 | 106,7 |
| Products | Total textiles | 2,9 | 111,6 | 113,2 | 105,2 | 95,7 | 108,3 | 96,3 | 91,6 |
| Products | Textiles | 1,7 | 110,4 | 112,1 | 103,7 | 92,1 | 107,0 | 94,1 | 88,0 |
| Products | Other textile products | 1,2 | 113,3 | 114,7 | 107,3 | 100,9 | 110,1 | 99,3 | 96,8 |
| Products | Total Wearing apparel | 3,6 0.6 | 101,9 111 2 | 102 2 | 93,7 | 92,4 | 96,8 | 93,/ 91 0 | 98,0 |
| Products | Wearing apparel |] 3,0 | 111,2 100 0 | 88 5 | 90 9 | 89 8 | 1 97 6 | 94 0 | 98 7 |
| Products | Tanning and dressing of leather | 0.4 | 96.9 | 91.5 | 94.4 | 90.0 | 88.4 | 85.1 | 86.7 |
| Products | Footwear | 0.9 | 82.0 | 68.9 | 62.1 | 64.1 | 68.7 | 65.1 | 63.9 |
| Products | Wood and products of wood | 1.9 | 110.6 | 108,7 | 115.5 | 107,4 | 105.6 | 109.7 | 104,5 |
| Products | Sawmilling and planing of wood | 0,8 | 108,3 | 114,7 | 111,4 | 103,1 | 110,3 | 106,0 | 99,0 |
| Products | Products of wood | 1,2 | 112,1 | 104,8 | 118,2 | 110,3 | 102,5 | 112,2 | 108,1 |
| Products | Paper and paper products | 5,3 | 103,1 | 106,1 | 94,9 | 106,4 | 101,1 | 93,9 | 101,0 |
| Products | Total publishing and printing | 4,1 | 94,8 | 95,5 | 97,5 | 98,8 | 96,4 | 97,8 | 99,4 |
| Products | Publishing | 1,5 | 91,3 | 89,9 | 94,6 | 102,5 | 89,7 | 96,3 | 102,1 |
| Products | Printing, recorded media | 2,6 | 96,8 | 98,7 | 99,1 | 96,7 | 100,2 | 98,6 | 98,0 |
| Products | Coke and refined petroleum | | | | | | | | |
| Description | - | 4,2 | 1102,5 | 104,4 | 98,6 | 99,9 | 105,5 | 100,8 | 101,1 |
| Description | | 4,5 | 119,1 111 E | 116,7 | 104,9 | 107,3 | 118,1 | 106,0 | 108,1 |
| Description | | 0,2 1.4 | 111,5 100 0 | 100,0 | 101,3 | 100,7 | 100,0 | 08 1 | 98 0 |
| Description | | 3.1 | 124.3 | 125.4 | 129.2 | 111.3 | 128.1 | 126.8 | 114.2 |
| Description | | 1.0 | 1118.9 | 124.8 | 102.9 | 115.9 | 122.2 | 112.8 | 113.3 |
| Basic iron and steel products | | -/- | , - | , | | | i,- | ,- | /- |
| Basic precious and non-ferrous metal products | | 3,5 | 104,5 | 98,3 | 102,2 | 108,3 | 90,8 | 98,3 | 100,1 |
| metal products 3,2 100,8 104,4 101,9 99,3 103,1 101,5 98,2 Fabricated metal products 7,0 119,6 112,9 114,5 117,4 111,8 113,4 115,8 Structural metal products 2,4 116,8 112,0 108,4 116,5 115,6 110,0 119,9 Other fabricated metal product 4,6 121,1 113,4 117,6 117,8 109,9 115,2 113,6 Total machinery and equipment S,8 121,3 122,1 113,8 128,2 115,6 119,1 121,2 General purpose machinery 2,5 109,3 108,6 102,8 108,3 100,4 103,6 100,8 Special purpose machinery 2,9 133,4 134,9 125,2 149,5 130,4 135,4 142,9 Household appliances 0,4 109,4 113,9 99,8 98,5 104,4 97,9 90,8 Electrical machinery, apparatus 3,4 103,7 107,0 103,7 103,9 102,7 101,7 99,9 Radio, television and communication apparatus 1,0 76,8 69,9 59,8 101,6 69,3 76,5 101,2 Professional equipment Motor vehicles; trailers; parts and accessories 4,5 105,5 102,8 128,9 121,4 130,9 123,4 120,5 125,5 Motor vehicles and cassories 4,5 105,5 102,5 104,8 99,7 95,4 100,3 93,4 Bodies for motor vehicles; trailers and semi-trailers 3,0 114,9 105,0 121,7 104,6 114,1 113,5 114,4 118,4 107,2 109,1 112,2 112,2 Parts and accessories 3,0 114,9 105,0 121,7 104,6 114,1 113,5 114,4 107,2 109,1 112,2 112,2 Parts and accessories 3,0 114,9 105,0 121,7 104,6 114,1 113,5 114,4 107,2 109,1 112,2 112,2 Parts and accessories 3,0 114,9 105,0 121,7 104,6 114,1 113,5 114,4 107,2 109 | Basic iron and steel products | 7,6 | 106,0 | 109,8 | 118,5 | 102,8 | 105,6 | 118,3 | 98,9 |
| Communication apparatus | Basic precious and non-ferrous | | | | | | | | İ |
| Communication apparatus | metal products | 3,2 | 100,8 | 104,4 | 101,9 | 99,3 | 103,1 | 101,5 | 98,2 |
| Communication apparatus | Fabricated metal products | 7,0 | 119,6 | 112,9 | 114,5 | 117,4 | 111,8 | 113,4 | 115,8 |
| Communication apparatus | Structural metal products | 2,4 | 116,8 | 112,0 | 108,4 | 116,5 | 115,6 | 110,0 | 119,9 |
| Communication apparatus | Other fabricated metal product | 4,6 | 121,1 | 113,4 | 117,6 | 117,8 | 109,9 | 115,2 | 113,6 |
| Communication apparatus | Total machinery and equipment | 5,8 | 121,3 | 122,1 | 113,8 | 128,2 | 115,6 | 119,1 | 121,2 |
| Communication apparatus | General purpose machinery | 2,5 | 109,3 122.4 | 108,6 | 102,8 | 108,3 | 100,4 | 103,6 | 100,8 |
| Communication apparatus | Special purpose machinery | 2,3 0.4 | 133,4 100 4 | 112 0 | 00 0 | 149,5 | 1 104 4 | 97 9 | 90 8 |
| Communication apparatus | Electrical machinery apparatus | 3.4 | 1103,4 | 107.0 | 103.7 | 103.9 | 102.7 | 101.7 | 99.9 |
| communication apparatus 1,0 76,8 69,9 59,8 101,6 69,3 76,5 101,2 Professional equipment 0,5 120,8 128,9 121,4 130,9 123,4 120,5 125,5 Motor vehicles; trailers; parts and accessories 8,0 108,8 104,1 112,5 102,8 103,2 105,8 102,5 Motor vehicles 4,5 105,5 102,5 104,8 99,7 95,4 100,3 93,4 Bodies for motor vehicles; trailers and semi-trailers 0,5 102,8 112,6 124,8 118,4 107,2 109,1 112,2 Parts and accessories 3,0 114,9 105,0 121,7 104,6 114,1 113,5 114,4 Other transport equipment 1,0 118,2 122,1 97,4 103,7 117,9 97,5 99,1 Furniture 1,6 107,3 92,8 109,9 95,2 89,8 104,6 92,8 Other manufacturing divisions 2,6 102, | Radio, television and |] 3,1 | 105,7 | 107,0 | 103,7 | 103,3 | 102,7 | 101,7 | ,,, |
| Motor vehicles: trailers; | | 1,0 | 76,8 | 69,9 | 59,8 | 101,6 | 69,3 | 76,5 | 101,2 |
| Motor vehicles: trailers; | | | | 128,9 | 121,4 | 130,9 | 123,4 | 120,5 | 125,5 |
| Bodies for motor vehicles; trailers and semi-trailers 0.5 102.8 112.6 124.8 118.4 107.2 109.1 112.2 Parts and accessories 3.0 114.9 105.0 121.7 104.6 114.1 113.5 114.4 Other transport equipment 1.0 118.2 122.1 97.4 103.7 117.9 97.5 99.1 Furniture 1.6 107.3 92.8 109.9 95.2 89.8 104.6 92.8 Other manufacturing divisions 2.6 102.9 98.1 103.9 94.1 98.3 100.8 95.8 | Motor vehicles; trailers; | | j j | | | | İ | | j |
| Bodies for motor vehicles; trailers and semi-trailers 0.5 102.8 112.6 124.8 118.4 107.2 109.1 112.2 Parts and accessories 3.0 114.9 105.0 121.7 104.6 114.1 113.5 114.4 Other transport equipment 1.0 118.2 122.1 97.4 103.7 117.9 97.5 99.1 Furniture 1.6 107.3 92.8 109.9 95.2 89.8 104.6 92.8 Other manufacturing divisions 2.6 102.9 98.1 103.9 94.1 98.3 100.8 95.8 | parts and accessories | 8,0 | 108,8 | 104,1 | 112,5 | 102,8 | 103,2 | 105,8 | 102,5 |
| Bodies for motor vehicles; trailers and semi-trailers 0.5 102.8 112.6 124.8 118.4 107.2 109.1 112.2 Parts and accessories 3.0 114.9 105.0 121.7 104.6 114.1 113.5 114.4 Other transport equipment 1.0 118.2 122.1 97.4 103.7 117.9 97.5 99.1 Furniture 1.6 107.3 92.8 109.9 95.2 89.8 104.6 92.8 Other manufacturing divisions 2.6 102.9 98.1 103.9 94.1 98.3 100.8 95.8 | | 4,5 | 105,5 | 102,5 | 104,8 | 99,7 | 95,4 | 100,3 | |
| · | | | ļ | | | | | | |
| · | | | | 112,6 | 124,8 | 118,4 | 107,2 | 109,1 | 112,2 |
| · | | | | 105,0 | 121,7 | 104,6 | 114,1 | 113,5 | 114,4 |
| · | | | | 122,1 | 97,4 | 103,7 | 117,9 | 97,5 | 99,1 |
| · | | | | 92,8 | 109,9 | 95,2 | 89,8 | 104,6 | 92,8 |
| | | | | 90,⊥ | 103,9 | 94,1 | 90,3 | 100,6 | 95,6 |
| | | | | | | | | | |

^{*} Revised 1/ Preliminary

Table 3 - Value of sales of the manufacturing industry: Total (R'000)

| Month | : | 1997 | | : | 1998 | | 19 | 999 | | : : | 2000 | | : | 2001 | | | 2002 | * | | 2003 | |
|-------------------------|--|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|--|----------------------|--------------------------|--------------------------|
| | | | | | | | | | | Actua | l va | lues | | | | | | | | | |
| J | 25 | 254 | 480 | 25 | 913 | 926 | 26 | 362 | 762 | 28 | 647 | 234 | 33 | 988 | 164 | 40 | 272 | 591 | 44 | 438 | 077 |
| F | 29 | 866 | 793 | 29 | 901 | 544 | 30 | 551 | 283 | 34 | 961 | 840 | 39 | 187 | 078 | 46 | 539 | 563 | 50 | 788 | 697 |
| M | 29 | 866 | 272 | 32 | 190 | 538 | 32 | 737 | 212 | 38 | 039 | 203 | 42 | 683 | 525 | 49 | 227 | 081 | 52 | 640 | 756 |
| A | 30 | 438 | 604 | 29 | 758 | 879 | 30 | 447 | 208 | 32 | 651 | 220 | 37 | 828 | 090 | 49 | 732 | 137 | 49 | 149 | 950 |
| M | 30 | 626 | 091 | 30 | 352 | 835 | 32 | 680 | 898 | 37 | 038 | 716 | 41 | 146 | 142 | 51 | 651 | 087 | 50 | 076 | 010 |
| J | 30 | 575 | 542 | 31 | 723 | 893 | 33 | 054 | 424 | | | 074 | 42 | 743 | 527 | 50 | 259 | 292 | 50 | 539 | 243 |
| J | 31 | 169 | 707 | 31 | 732 | 667 | 33 | 262 | 293 | 36 | 234 | 329 | | | 318 | | 841 | 409 | | | |
| A | 31 | 400 | 042 | 30 | 810 | 619 | 33 | 586 | 437 | 38 | 992 | 758 | 41 | 164 | 534 | 53 | 364 | 782 | | | |
| S | 31 | | | | | 327 | 35 | | | | | 972 | | | | | 271 | | | | |
| 0 | 35 | | | | | 472 | 37 | | | | | 594 | | | 886 | | 793 | | | | |
| N | 33 | | | | | | | | | 43 | | | | | | 59 | | | | | |
| | 1 20 | 128 | 922 | 29 | 016 | 347 | 32 | 992 | 528 | 37 | 256 | 576 | 42 | 207 | 610 | 47 | 332 | 030 | | | |
| D | 20 | | | | | | | | | | | | | | | | | | | | |
| - | | 283 | 280 | 373 | 568 | 657 | 397 | 608 | 593 | 448 | 106 | 023 | 502 | 499 | 271 | 613 | 349 | 876 | | | |
| | | 283 | 280 | 373 | 568 | 657 | 397 | 608 | | 448 Geason | | | | | | 613 | 349 | 876 | | | |
| | 368 | | 280 829 | | | | | | S | | ally | adju | sted | val | ies | 613 | | | | 275 | 769 |
| Year | 368 30 | 492 | | 31 | 048 | 381 | 31 | 400 | S 414 | Season | ally | adju 149 | sted 39 | val | les | 47 | 137 | 906 | 52 | 275 | |
| - Year J | 368 | 492 | 829 709 | 31 | 048 603 | 381 | 31 | 400 | S 414 311 | Seasona 33 | ally 843 767 | adju 149 | 39 40 | val: 725 044 | les | 47 47 | 137 560 507 | 906 191 132 | 52 51 50 | | 626 |
| Year J | 368 30 30 28 | 492 | 829 709 855 | 31 30 30 | 048 603 974 | 381 795 | 31 | 400 325 554 | S 414 311 548 | 33 35 36 | ally 843 767 571 | adju 149 487 | 39 40 | val 725 044 113 | 116 288 180 399 | 47 47 47 52 | 137 560 | 906 191 132 | 52 51 50 | 819 | 626 942 |
| Year J F | 368 30 30 28 32 | 492 508 714 | 829 709 855 925 | 31 30 30 31 | 048 603 974 467 | 381 795 330 | 31 31 31 | 400 325 554 257 | 414 311 548 409 | 33 35 36 34 | ally 843 767 571 641 | adju 149 487 494 | 39 40 41 40 | val 725 044 113 099 | 116 288 180 399 | 47 47 47 52 | 137 560 507 | 906 191 132 410 | 52 51 50 52 | 819 797 114 | 626 942 529 |
| Year J F M A | 368 30 30 28 32 | 492 508 714 086 709 | 829 709 855 925 301 | 31 30 30 31 30 | 048 603 974 467 386 | 381 795 330 181 | 31 31 31 31 32 | 400 325 554 257 700 | 414 311 548 409 482 | 33 35 36 34 | ally 843 767 571 641 954 | adju 149 487 494 688 | 39 40 41 40 40 | 725 044 113 099 915 | 116 288 180 399 | 47 47 47 47 52 51 | 137 560 507 855 | 906 191 132 410 958 | 52 51 52 49 | 819 797 114 | 626 942 529 331 |
| Year J F M A | 368 30 30 28 32 30 | 492 508 714 086 709 225 | 829 709 855 925 301 044 | 31 30 30 31 30 31 | 048 603 974 467 386 | 381 795 330 181 539 861 | 31 31 31 32 32 32 | 400 325 554 257 700 539 | 414 311 548 409 482 | 33 35 36 34 36 | ally 843 767 571 641 954 974 | adju 149 487 494 688 318 | 39 40 41 40 40 41 | vali 725 044 113 099 915 876 | 116 288 180 399 698 | 47 47 47 52 51 49 | 137 560 507 855 306 | 906 191 132 410 958 675 | 52 51 52 49 | 819 797 114 745 | 626 942 529 331 |
| Year J F M A M J | 368 30 30 28 32 30 30 | 492 508 714 086 709 225 160 | 829 709 855 925 301 044 837 | 31 30 30 31 30 31 31 | 048 603 974 467 386 253 844 | 381 795 330 181 539 861 | 31 31 31 32 32 32 32 33 | 400 325 554 257 700 539 492 | 414 311 548 409 482 884 | Seasona 33 35 36 34 36 37 36 | ally 843 767 571 641 954 974 | adju 149 487 494 688 318 385 | 39 40 41 40 40 41 41 | 725 044 113 099 915 876 694 | 116 288 180 399 698 266 922 | 47 47 47 52 51 49 | 137 560 507 855 306 292 | 906 191 132 410 958 675 018 | 52 51 52 49 | 819 797 114 745 | 626 942 529 331 |
| Year J F M A M J J J | 368 368 30 30 28 32 30 30 31 | 492 508 714 086 709 225 160 | 829 709 855 925 301 044 837 939 | 31 30 30 31 30 31 31 31 | 048 603 974 467 386 253 844 347 | 381 795 330 181 539 861 469 | 31 31 31 32 32 32 32 33 | 400 325 554 257 700 539 492 210 | 414 311 548 409 482 884 569 838 | 33 35 36 34 36 37 36 38 | ally 843 767 571 641 954 974 576 543 730 | adju 149 487 494 688 318 385 222 547 928 | 39 40 41 40 41 41 41 | valu 725 044 113 099 915 876 694 660 | 116 288 180 399 698 266 922 832 | 47 47 47 52 51 49 52 | 137 560 507 855 306 292 597 | 906 191 132 410 958 675 018 | 52 51 52 49 | 819 797 114 745 | 626 942 529 331 |
| Year J F M A M J J J A | 368 368 30 30 28 32 30 31 30 | 492 508 714 086 709 225 160 752 167 | 829 709 855 925 301 044 837 939 447 | 31 30 30 31 30 31 31 30 31 | 048 603 974 467 386 253 844 347 774 | 381 795 330 181 539 861 469 942 | 31 31 31 32 32 32 33 33 | 400 325 554 257 700 539 492 210 626 | 414 311 548 409 482 884 569 838 032 | 33 35 36 34 36 37 36 38 38 | ally 843 767 571 641 954 974 576 543 730 008 | adju 149 487 494 688 318 385 222 547 928 182 | 39 40 41 40 41 41 41 40 41 | 725 044 113 099 915 876 694 660 182 297 | 116 288 180 399 698 266 922 832 366 949 | 47 47 47 52 51 49 52 52 53 | 137 560 507 855 306 292 597 694 | 906 191 132 410 958 675 018 872 244 | 52 51 52 49 | 819 797 114 745 | 626 942 529 331 |
| Year J F M A J J J A S | 368 368 30 30 28 32 32 30 31 31 30 31 | 492 508 714 086 709 225 160 752 167 | 829 709 855 925 301 044 837 939 447 908 | 31 30 30 31 30 31 31 30 31 31 | 048 603 974 467 386 253 844 347 774 393 | 381 795 330 181 539 861 469 942 067 322 | 31 31 31 32 32 32 33 33 33 | 400 325 554 257 700 539 492 210 626 759 | 414 311 548 409 482 884 569 838 032 787 | 33 35 36 34 36 37 36 38 38 | ally 843 767 571 641 954 974 576 543 730 008 | adju 149 487 494 688 318 385 222 547 928 | 39 40 41 40 41 41 41 40 41 | 725 044 113 099 915 876 694 660 182 297 | 116 288 180 399 698 266 922 832 366 | 47 47 47 52 51 49 52 52 53 | 137 560 507 855 306 292 597 694 900 | 906 191 132 410 958 675 018 872 244 637 | 52 51 52 49 | 819 797 114 745 | 626 942 529 331 |

Table 4 - Value of sales of manufactured products according to manufacturing divisions and major groups (R'000)

| Manufacturing | | | | | | | | | | | | | | | | | | | | |
|--|------------|------------------|-----|------|------------|------|------|------------|-----|-------|------------|-------|------|------------|-------|------|------------|---|------------|-----|
| divisions and major groups | Y | ear | İ | Jun | e | | | | | | 1/ | | | | | May | | | June | |
| | | 002 | | 2002 | | | | 2 | 003 | | | 2 | 2002 | | ¦ | | 2003 | 3 | | |
| Food and food products | 82 6 | 73 880 | | | | | | | | | 193 | | | | | | 997 | | | |
| | | 28 187 | 2 | | 027 | 2 | | | 2 | | 954 | | | | | | | 2 | | |
| Dairy products | | 21 497 | ļ | | 661 | | | 928 | | | 567 | | | | | | 433 | | 787 | |
| Grain mill products | 24 4 | 65 379 | | | | | | | | | 516 | | | | | | | | | |
| Other food products | 22 6 | 58 817 | | | | | | | | | 156 | | | | | | | | | |
| | | 13 178 25 652 | | | | | | | | | 677 694 | | | | | | | 2 | 995 | |
| | | 54 162 | | | 069 | | | 514 | | | 310 | | | 124 | | | 102 | | 647 | |
| | | 71 490 | | | 388 | | | 780 | | | 384 | | | 423 | | | 512 | | 348 | |
| | | 04 596 | | | 937 | 1 | | | | | 015 | | | | | | | | 007 | 021 |
| Knitted, crocheted articles | | 00 044 | Ì | 181 | 038 | | | 948 | | 201 | 936 | İ | 154 | 354 | | 175 | 985 | | 171 | 631 |
| Wearing apparel | | 04 552 | | | | | | 933 | | 746 | 079 | ĺ | 807 | 675 | | 895 | 021 | | 835 | 390 |
| Tanning and dressing of leather | 3 3 | 10 031 | | 277 | 749 | | | 570 | | | 659 | | | 460 | | | 825 | | 244 | |
| Footwear | | 85 578 | | | | | | 135 | | | 367 | | | 612 | | | 419 | | 154 | |
| Wood and products of wood | | 76 226 | | | | | | | | | | | | | | | 137 | 1 | | |
| Sawmilling and planing of wood Products of wood | | 80 005 | - | | 303 248 | | | 095 584 | | | 727 960 | | | 608 937 | | | 807 330 | | 296 850 | |
| Paper and paper products | | 98 377 | 2 | | | 2 | | | | | | | | | | | | 2 | | |
| Total publishing and printing | | | | | | | | | | | | | | | | | 326 | | | |
| Publishing | | 09 542 | | | 522 | _ | | 749 | _ | | 621 | | | 483 | | | 754 | | 514 | |
| Printing, recorded media | 8 5 | 93 228 | į | 680 | 785 | | 783 | 684 | | 728 | 952 | | 721 | 618 | | 783 | 572 | | 771 | 532 |
| Coke and refined petroleum | 45 4 | 08 316 | | 700 | 946 | _ | 0.00 | 202 | _ | 007 | 415 | | 720 | 770 | 2 | 000 | 816 | 2 | 005 | 1 4 |
| products Basic chemicals | | 34 852 | | | 523 | | | | | | 714 | | | 026 | | | 078 | | | |
| | | 40 043 | | | | | | | | | | | | | | | 540 | | | |
| | | 78 589 | | | 720 | 2 | | 596 | - | | | ~ | | | - | | 485 | 2 | 545 | |
| | 15 1 | 36 631 | 1 | 229 | 762 | 1 | 343 | 662 | 1 | 252 | 768 | 1 | 243 | 293 | 1 | 321 | 383 | 1 | 268 | 957 |
| Glass and glass products | 3 2 | 91 669 | Ì | 260 | 993 | | 238 | 630 | | 271 | 756 | İ | 267 | 049 | | 268 | 424 | | 277 | 219 |
| Other non-metallic mineral | | | | | | | | | | | | | | | | | | | | |
| products | | 96 579 | | | 768 | | | | | | 127 | | | 043 | | | 836 | | | |
| Basic iron and steel products Basic precious and non-ferrous | İ | 71 369 | İ | | 031 | | | | | | 291 | İ | | 120 | | | 522 | | | |
| metal products | | 25 348 | | | 347 | | | 449 | | | 351 | | | | | | 702 | | | |
| Fabricated metal products | | 31 948 | 2 | | 615 | 2 | | 472 | 3 | | 584 | 2 | | 986 | 2 | | 477 | 3 | | |
| Structural metal products Other fabricated metal product | | 80 226 | 1 | | 261 | 2 | | 781 | 2 | | 675 909 | 1 | | 985 | 2 | | 796 681 | 2 | 923 | |
| Total machinery and equipment | | | | | | | | | | | 784 | | | 000 | | | 676 | | | |
| General purpose machinery | | | | | | _ | | | | | 569 | | 965 | | 2 | | 126 | _ | 987 | |
| | | 56 524 | | | | | | | | | 711 | | | | 1 | | 869 | 1 | | |
| Household appliances | 2 7 | 32 022 | İ | 230 | 435 | | 227 | 418 | | 219 | 504 | İ | 208 | 790 | | 222 | 681 | | 199 | 556 |
| Electrical machinery, apparatus Radio, television and | 16 9 | 26 563 | 1 | 458 | 212 | 1 | 447 | 531 | 1 | 468 | 782 | 1 | 381 | 655 | 1 | 418 | 855 | 1 | 398 | 730 |
| communication apparatus | | 03 712 | | | 203 | | | 302 | | | 611 | | | 564 | | | 566 | | 426 | |
| Professional equipment | 2 0 | 28 861 | 1 | 180 | 587 | | 192 | 070 | | 175 | 606 | | 172 | 336 | | 183 | 638 | | 168 | 86' |
| Motor vehicles; trailers; | 00 - | 25 665 | _ | 200 | F.C. | _ | 420 | 777 | _ | F 2 6 | 202 | - | 005 | 077 | _ | 100 | 104 | _ | 000 | 70 |
| parts and accessories Motor vehicles | | 35 661 | | | | | | | | | 280 777 | | | | | | 124 500 | | | |
| Bodies for motor vehicles; | 20 T | 36 383 | 4 | 35/ | 043 | 4 | ∠08 | 994 | 4 | 021 | 111 | 3 | 233 | 000 | 4 | Τ0 / | 500 | 4 | 102 | 555 |
| trailers and semi-trailers | 2 1 | 15 216 | 1 | 170 | 256 | | 227 | 988 | | 194 | 001 | | 172 | 142 | | 189 | 775 | | 195 | 893 |
| Parts and accessories | | 84 062 | 1 1 | | | 1 | | | 1 | | 502 | | | | 1 | | 849 | 1 | | |
| | | 70 041 | İ | 376 | 281 | | | 809 | | | 525 | İ | 341 | 553 | | | 128 | | 308 | |
| Furniture | | 39 791 | | | 173 | | | 282 | | | 223 | | 561 | 638 | | | 586 | | 585 | |
| Other manufacturing divisions | | | | | | | | | | | | 1 | 339 | 168 | 1 | | | | | |
| | 1 | 49 876 | | | | | | | | | | | | | | | | | | |

Table 5 - Value of unfilled orders according to selected manufacturing subgroups (R'000)

Actual values Seasonally adjusted values manufacturing May subgroups June May June 1/ June June 2002 2003 2002 2003 Spinning, weaving and finishing of textiles 301 160 366 236 331 418 294 530 345 177 324 465 Tents, tarpaulins, sails and other canvas goods and automotive textile goods 35 748 62 621 60 937 39 437 65 140 67 021 Other textile articles 55 858 83 205 87 775 67 539 92 259 109 029 Knitted and crotcheted fabrics and articles 136 955 130 152 134 263 140 213 133 540 136 963 Wearing apparel 809 683 738 697 838 758 732 840 669 546 Sawmilling and preserving 24 934 30 169 29 735 25 899 30 128 30 843 of timber Veneer sheets, plywood, 27 133 28 733 26 858 27 019 laminboard, etc. 24 894 24 437 Builders' carpentry and joinery 45 543 44 987 46 787 45 056 44 809 46 497 222 119 Pulp, paper and paperboard 151 350 268 734 151 035 267 647 271 218 Corrugated paper and paperboard and containers 323 904 347 955 353 701 340 830 363 551 370 702 Paints, varnishes and coatings 20 624 20 116 25 076 22 133 23 081 26 741 Basic iron and steel products 4 870 528 4 586 932 4 613 392 4 782 294 4 591 927 4 511 274 578 212 575 018 322 162 279 397 310 608 Steel pipe and tube mills 311 328 Basic precious and nonferrous metal products 1 890 498 1 495 186 1 489 152 1 742 439 1 414 750 1 378 853 Metal structures, parts 1 511 196 1 183 647 1 217 992 1 377 072 1 175 783 1 106 006 Cutlery, hand tools and 29 185 13 758 32 647 15 620 15 749 general hardware 13 862 Metal containers, e.g. cans 63 998 66 473 66 731 65 738 66 658 and tins 63 674 Cables, wire products, springs 63 452 77 645 78 076 59 123 76 041 72 606 Metal fasteners 71 860 112 522 102 874 75 675 119 093 108 201 All other metal products 855 966 855 444 865 303 855 059 842 323 844 597 Domestic appliances 33 822 25 745 23 205 34 006 27 549 23 275 Electric motors, generators 461 817 379 231 477 782 586 360 577 299 587 085 559 961 and transformers 387 156 365 604 307 459 364 215 Insulated wire and cables 313 881 Accumulators, primary cells and primary batteries 5 446 4 052 3 830 5 400 3 925 3 843 Television, radio and 2 204 745 2 416 800 2 058 759 2 140 278 1 845 698 1 941 033 communication apparatus 3 669 793 2 620 086 3 798 171 2 640 760 4 140 906 Motor vehicles 4 119 154 Parts and accessories for motor vehicles 330 402 486 160 323 179 342 213 Furniture 260 598 222 761 226 002 310 954 261 624 275 277

^{*} Revised

Table C - Contribution of the manufacturing divisions to total value of sales of manufactured products

| | Percentage | Percentage | Contribution | Difference |
|----------------------------------|----------------|------------|--------------|---------------------|
| Manufacturing | contribution | change | (percentage | |
| | to total value | between | points) to | manufacturing |
| | of sales of | April 2002 | the percen- | divisions |
| | manufactured | to | tage change | between |
| | products | June 2002 | in the total | April 2002 |
| | April 2002 | and | value of | to |
| | to | April 2003 | sales of | June 2002 |
| | June 2002 | to | manufactured | |
| | | June 2003 | products 1/ | April 2003 |
| | | | | to |
| <u> </u> | | | [[| June 2003 |
| ļ | | | !!! | |
| | | | | R'000 |
| | | | | K.000 |
| Food and food products | 13,6 | -0,6 | -0,1 | -120 260 |
| Beverages | 3,9 | 12,7 | 0,5 | 748 863 |
| Total textiles | 2,3 | -7,0 | -0,2 | -246 224 |
| Total Wearing apparel | 2,0 | 2,4 | 0,1 | 71 616 |
| Tanning and dressing of leather | | -13,9 | -0,1 | -124 440 |
| Footwear | 0,3 | -3,4 | -0,0 | -16 982 |
| Wood and products of wood | 2,1 | 6,6 | 0,1 | 210 373 |
| Paper and paper products | 4,9 | -1,7 | -0,1 | -128 770 |
| Total publishing and printing | 2,3 | 8,8 | 0,2 | 301 382 |
| Coke and refined petroleum | | 01 1 | 1 6 | 0 400 100 |
| products | 7,6 | -21,1 | | -2 422 137 |
| Basic chemicals | 5,0 | -6,5 | -0,3 | -486 716 |
| Other chemical products | 5,7 | 1,5 | 0,1 | 132 811 |
| Rubber products Plastic products | 1,1 | 5,0 | 0,1 | 80 074 196 089 |
| Glass and glass products | 2,4 | 5,3 | 0,1 0,0 | 8 855 |
| Other non-metallic mineral | 0,5 | 1,2 | 0,0 | 8 855 |
| products | 2.4 | 3,7 | 0,1 | 133 687 |
| Basic iron and steel products | 7,7 | 14,2 | | 1 659 744 |
| Basic precious and non-ferrous | | 17,2 | Δ, Δ | 1 000 /44 |
| metal products | 3,7 | -14,8 | -0,5 | -820 290 |
| Fabricated metal products | 5,5 | 5,3 | 0,3 | 440 879 |
| Total machinery and equipment | 4,4 | 0,5 | 0,0 | 35 867 |
| Electrical machinery, apparatus | | 1,7 | 0,1 | 72 448 |
| Radio, television and | 2,0 | ±1, | 0,1 | 72 110 |
| communication apparatus | 0,7 | 13,1 | 0,1 | 140 635 |
| Professional equipment | 0,3 | 4,6 | 0,0 | 23 541 |
| Motor vehicles; trailers; | | | | j |
| parts and accessories | 13,6 | -7,5 | | -1 539 559 |
| Other transport equipment | 0,7 | -13,6 | -0,1 | -140 656 |
| Furniture | 1,2 | 0,1 | 0,0 | 1 993 |
| Other manufacturing divisions | 2,9 | -2,0 | -0,1 | -90 136 |
| Total | 100,0 | -1,2 | -1,2 | -1 877 313 |

^{1/} The contribution (percentage points) is calculated by multiplying the percentage change of each manufacturing division with the percentage contribution of the same division during corresponding period, divided by 100.

Table B - Contribution of the manufacturing divisions to the total value of seasonally adjusted sales of manufactured products

| Manufacturing Divisions | Seasc adju sal April to June | sted es 20 | 1 003 | Percentag chamge between January 20 to March 200 and April 200 to June 200 | seas adj sal manufa divi bet Junua March Apri Lunua Junua | |
|--|---|------------------|------------|--|---|----------------|
| Food and food products | 20 | 400 | 829 | -4,3 | -911 | . 380 |
| Beverages | 7 | 446 | 089 | +7,8 | 536 | 140 |
| Total textiles | 3 | 128 | 394 | -7,7 | -259 | 268 |
| Total Wearing apparel | 3 | 144 | 835 | -7,1 | -240 | |
| Tanning and dressing of leather | | | 771 | -10,9 | | 128 |
| Footwear | 1 | | 146 | | | 196 |
| Wood and products of wood | | | 135 | -4,3 | -151 | |
| Paper and paper products | | | 773 | -1,0 | | 005 |
| Total publishing and printing Coke and refined petroleum |] 3 | 82I | 185 | +7,3 | 260 | 638 |
| products | 0 | 065 | 791 | -14,3 | -1 510 | 286 |
| Basic chemicals | | | 932 | -2.2 | -164 | |
| Other chemical products | 1 | | 602 | -0.3 | | 611 |
| Rubber products | | | 278 | +2,7 | | 751 |
| Plastic products | 3 | 977 | 605 | -0,1 | -5 | 141 |
| Glass and glass products | İ | 824 | 454 | -2,9 | -24 | 599 |
| Other non-metallic mineral | İ | | | | | |
| products | | | 846 | -1,6 | | 654 |
| Basic iron and steel products Basic precious and non-ferrous | 13 | 293 | 685 | -0,9 | -117 | 805 |
| metal products | 4 | 661 | 773 | -6,4 | -321 | 368 |
| Fabricated metal products | | | 531 | +2,6 | | 569 |
| Total machinery and equipment | 6 | 940 | 301 | +1,3 | 90 | 591 |
| Electrical machinery, apparatus | 4 | 319 | 047 | +1,7 | 71 | 319 |
| Radio, television and | ļ | | | | | |
| communication apparatus | 1 | | 613 | +1,3 | | 119 |
| Professional equipment | | 532 | 982 | -1,2 | -6 | 582 |
| Motor vehicles; trailers; | 1 1 2 | 000 | 0.00 | 0.6 | | 100 |
| parts and accessories | 1 19 | | 276 919 | -2,6 | -515 | |
| Other transport equipment Furniture | 1 1 | | 280 | -3,1 -1,1 | | . 105 . 941 |
| Other manufacturing industries | | | 329 | -1,1 +0,6 | | 416 |
| | | <i>_</i> 2_2_3 | J | +0,0 | ∠0 | . 4TO |
| | ! | | 401 | -2,2 | 3 359 | |