

# **Manufacturing: production and sales**

## **Statistical release**

### **P3041.2**

**January 2000**  
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<b>Actual estimates</b>	<b>January 2000</b>	<b>% change between January 1999 and January 2000</b>	<b>% change between November 1998 to January 1999 and November 1999 to January 2000</b>
Physical volume of manufacturing production index	90,4	+4,3	+5,0
Total value of sales of manufactured products	R29 229,3 million	+10,4	+12,1

<b>Seasonally adjusted estimates</b>	<b>January 2000</b>	<b>% change between December 1999 and January 2000</b>	<b>% change between August 1999 to October 1999 and November 1999 to January 2000</b>
Physical volume of manufacturing production index	104,4	-1,1	+3,4
Total value of sales of manufactured products	R35 013,6 million	-1,9	+4,5

### INCREASE IN MANUFACTURING PRODUCTION

*Manufacturing production for the three months up to January 2000 reflected an increase of 3,4% after seasonal adjustment compared with the previous three months. Higher manufacturing production was reported in 17 of the 27 manufacturing major divisions.*

The major contributors to the increase of 3,4% after seasonal adjustment in the total manufacturing production were the motor vehicle division (+0,8 of a percentage point), followed by the basic chemicals (+0,6 of a percentage point), the paper and paper products (+0,5 of a percentage point), and the basic iron and steel products (+0,5 of a percentage point) divisions.

The total value of sales of manufactured products reflected an increase of 4,5% (R4 547 million) after seasonal adjustment for the three months up to January 2000 compared with the previous three months. The

largest increases were reported by the basic chemicals (+15,6% or R792 million), the paper and paper products (+14,0% or R686 million) the basic iron and steel (+9,0% or R590 million) and the motor vehicle (+3,7% or R430 million) divisions during this period.

## Notes

### **Forthcoming issues Issue Expected release date**

February 2000 11 April 2000

**Purpose of the survey** The monthly Manufacturing Production and Sales Survey is a country-wide survey covering a sample of private establishments (branches) and public corporations operating in the South African economy. The results of this survey are used to calculate physical volume of manufacturing production indices in order to estimate the gross domestic product (GDP) to monitor and develop Government policy.

## Additional information

### **Explanatory Notes**

**Introduction 1** 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 detailed 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.

**2** In accordance to international practice, the indices have to be rebased every five years to a new base year. The indices in this statistical release have been calculated on the basis of 1995=100 since November 1997. Both actual and seasonally adjusted figures are presented.

**3** In order to improve timeliness, some information for the current month may have been estimated due to late response. These estimates will be revised in the future statistical release(s) as soon as better information is available.

**4** Production indices and value of sales of the manufacturing industry are reflected from January 1993 in this statistical release, in order to provide users with comparable time series. The information in this statistical release replaces previously published monthly information.

**Scope of the survey 5** This survey covers establishments conducting activities regarding -

- the manufacture, processing, making or packing of products;
- the slaughtering of animals, including poultry; and
- installation, assembly, completion, repair and related work.

**Classification 6** 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, major group and subgroup level. Each statistical unit is classified to an industry which reflects the predominant activity of the establishment (branch).

**Statistical unit 7** 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 6).

**Survey methodology and 8** The survey is collected by mail each month from a sample of approximately 2 700

**design** manufacturing establishments.

**9** 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 above-mentioned measurement method in paragraph 9 was followed in 40 of the various major groups. On account of certain considerations more appropriate indicators were used for the four remaining major groups namely "other transport equipment"; tobacco products and coke and refined petroleum products. The volume indices for the major groups tobacco products and coke and refined petroleum products are calculated on the basis of physical quantities. The major group tobacco products is included under 'Other' manufacturing industries. This method is also 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). In the case of "other transport equipment" units such as ships and aircraft are completed over a relative long period and establishments can often not report charges for work done continuously. The sales and charges for work done are only shown after completion of the product, which is not a true reflection of the real production for the month under consideration. Therefore the index for "other transport equipment" is calculated monthly according to man-hours worked.

**Sample design 11** 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 12** The index of physical volume of manufacturing production as well as 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.

**13** 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. The level 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 the 14** In order to calculate a production index for the total manufacturing industry, the

**total manufacturing industry** production indices for the major groups are combined as follows:

A weight is calculated for every major group according to the value added of the relevant major group compared with the value added to 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 15** 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 quarter-to-quarter movements of seasonally adjusted estimates may not be reliable indicators of trend behaviour.

**Historical data 16** More comprehensive detail on the method of calculation and historical data in respect of the production indices according to manufacturing major groups and the value of sales for the period January 1990 to September 1999 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.

**Related publications 17** 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: 1995=100, January 1990 to September 1999.
- P3041.4 - Manufacturing statistics: Value of sales (divisions, major groups and subgroups), January 1990 to September 1999.
- Bulletin of Statistics.
- SA Statistics.

**Unpublished statistics 18** In some cases Stats SA can also make available statistics which are not published. The statistics can be made available as: computer printouts, diskette and CD Rom. Generally a charge is made for providing unpublished statistics.

**Rounding-off of figures 19** 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 20** Stats SA has adopted the confidential pre-release policy in respect of 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 Deputy President, the Department of Trade and Industry, the Department of Finance and the South African Reserve Bank will receive a copy of the release on a strictly confidential basis two hours in advance of the public issue.

Stats SA pre-release policy may be inspected at its Website, [www.statssa.gov.za](http://www.statssa.gov.za)

## 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** The index of physical volume of manufacturing production or a production index is a

of manufacturing production 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 1995. 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 (SIC) of all Economic Activities, Fifth Edition of January 1993.

**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;
- 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;
- closing value of work in progress, stocks of own manufactures and stocks of factored goods;
- head office charges;
- other revenue;

Output excludes -

- excise and customs duty paid;
- opening values of work in progress, finished goods and factored goods.

**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.

### **FOR MORE INFORMATION**

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**Table A - Contribution of the production by the different manufacturing divisions to the total manufacturing production (Base 1995=100)**

Manufacturing Divisions	Percentage contribution to the total manufacturing production in the base year 1995 (Weights)	Average seasonally adjusted production index for the three months Nov.1999 - Jan. 2000	Quarterly percentage change (Nov. 1999 - Jan. 2000 compared with the preceding three months)	Contribution (percentage points) to the seasonally adjusted quarterly percentage change in total manufacturing production 1/
Food and food products	10,7	97,3	-3,2	-0,34
Beverages	4,6	94,6	-4,6	-0,21
Total textiles	2,9	97,7	+3,2	+0,09
Total Wearing apparel	3,6	94,4	+8,9	+0,32
Tanning and dressing of leather	0,4	127,0	+0,6	-0,00
Footwear	0,9	69,0	-2,4	-0,02
Wood and products of wood	1,9	126,0	+10,5	+0,20
Paper and paper products	5,3	104,8	+10,2	+0,54
Total publishing and printing	4,1	92,0	-0,5	-0,02
Coke and refined petroleum products	4,2	103,8	-3,2	-0,13
Basic chemicals	4,5	140,6	+12,4	+0,55
Other chemical products	6,2	108,9	+6,6	+0,41
Rubber products	1,4	94,9	-2,4	-0,03
Plastic products	3,1	97,0	+12,9	+0,40
Glass and glass products	1,0	80,6	-6,0	-0,06
Other non-metallic mineral products	3,5	92,1	+9,1	+0,32
Basic iron and steel products	7,6	108,7	+6,8	+0,51
Basic precious and non-ferrous metal products	3,2	157,9	+3,7	+0,12
Fabricated metal products	7,0	102,2	+4,1	+0,29
Total machinery and equipment	5,8	92,7	+1,5	+0,09
Electrical machinery, apparatus	3,4	96,2	-0,0	-0,00
Radio, television and communication apparatus	1,0	141,4	+11,2	+0,11
Professional equipment	0,5	83,2	+4,9	+0,03
Motor vehicles; trailers; parts and accessories	8,0	116,5	+10,4	+0,84
Other transport equipment	1,0	115,9	+3,6	+0,04
Furniture	1,6	104,3	+1,1	+0,02
Other manufacturing industries	2,6	113,7	-0,2	-0,01
TOTAL	100,0	105,0	+3,4	+3,40

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

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

Base 1995 = 100							
Month	1994	1995	1996	1997	1998	1999	2000
Actual indices							
J	72,7	80,6	83,6	89,8	89,6	86,7	90,4 1/
F	87,0	97,6	96,7	103,1	101,1	98,0	
M	95,6	104,2	102,6	102,5	102,8	101,5	
A	82,8	91,0	96,4	105,5	96,3	94,8	
M	84,8	101,8	104,1	106,2	101,1	101,1	
J	92,4	102,4	102,9	104,9	104,5	100,5	
J	92,9	101,7	104,7	108,2	104,4	104,3	
A	94,0	106,0	107,8	105,8	100,0	103,5	
S	100,9	106,7	105,2	108,3	106,8	107,0	
O	104,2	112,5	115,8	119,1	111,8	113,0*	
N	108,2	110,7	114,4	111,7	109,8	115,3*	
D	85,3	84,8	83,7	86,9	85,3	90,1	
Year	91,7	100,0	101,5	104,3	101,1	101,3	
Seasonally adjusted indices							
J	87,5	96,5	99,3	105,6	104,3	100,4	104,4
F	88,3	99,3	98,6	105,1	103,1	99,9	
M	91,2	100,0	99,3	100,0	100,8	99,8	
A	88,6	97,1	102,5	111,6	101,6	100,0	
M	85,3	101,7	103,4	105,1	100,0	100,1	
J	91,4	101,3	101,9	104,1	103,9	100,0	
J	91,6	99,9	102,4	105,3	101,2	100,8	
A	90,9	102,6	104,4	102,6	97,1	100,7	
S	95,8	101,4	100,1	103,2	101,9	102,0	
O	94,0	101,3	104,1	107,0	100,6	101,7	
N	97,2	99,9	103,7	101,5	100,0	105,1	
D	98,1	98,2	97,7	101,7	100,0	105,6	

\* Revised

1/ Preliminary

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

Base 1995 = 100

Manufacturing divisions and major groups	Weights	Year 1999	Actual indices			Seasonally adjusted indices		
			January	December	1/ January	January	December	January
			1999		2000	1999		2000
Food and food products	10,7	98,9	86,2	87,3	87,9	98,3	94,7	99,8
Meat, fish, fruit etc.	2,8	112,4	105,7	114,5	106,8	112,8	117,2	113,8
Dairy products	1,4	92,9	90,3	102,2	80,6	89,3	94,0	79,9
Grain mill products	2,1	93,9	90,7	92,0	85,4	95,5	90,8	89,6
Other food products	4,4	94,4	70,3	63,0	79,3	98,2	75,7	109,5
Beverages	4,6	100,8	100,0	130,6	84,7	100,2	97,1	84,5
Total textiles	2,9	91,4	62,2	68,3	67,3	86,1	103,8	93,1
Textiles	1,7	83,8	60,1	58,4	61,5	80,2	90,6	82,4
Other textile products	1,2	102,1	65,2	82,4	75,4	92,3	126,5	106,6
Total Wearing apparel	3,6	88,4	59,6	69,1	62,5	90,6	94,3	94,6
Knitted, crocheted articles	0,6	83,1	58,3	67,3	54,0	76,7	101,3	71,0
Wearing apparel	3,0	89,5	59,9	69,5	64,2	90,3	93,9	96,2
Tanning and dressing of leather	0,4	123,2	83,4	98,7	84,7	108,9	147,0	110,7
Footwear	0,9	69,2	43,5	46,1	42,5	73,0	68,3	70,9
Wood and products of wood	1,9	114,4	84,2	90,6	103,2	109,4	122,3	133,4
Sawmilling and planing of wood	0,8	104,2	69,4	81,4	95,4	91,3	110,7	125,4
Products of wood	1,2	121,0	93,9	96,7	108,4	121,5	127,9	139,1
Paper and paper products	5,3	98,2	90,2	97,3	99,4	95,0	104,8	104,2
Total publishing and printing	4,1	93,1	81,1	83,1	78,3	93,0	93,0	90,3
Publishing	1,5	99,6	91,4	95,1	94,2	100,9	96,7	103,7
Printing, recorded media	2,6	89,5	75,3	76,4	69,3	89,7	90,6	83,0
Coke and refined petroleum products	4,2	106,0	104,2	101,8	107,1	98,1	102,2	100,8
Basic chemicals	4,5	125,9	122,1	130,7	137,7	129,4	138,7	145,2
Other chemical products	6,2	103,3	87,5	89,1	89,3	104,8	110,3	107,0
Rubber products	1,4	92,8	72,9	65,8	67,5	100,3	96,0	92,9
Plastic products	3,1	87,1	69,9	80,2	73,5	87,9	110,4	92,0
Glass and glass products	1,0	85,2	77,7	73,2	63,9	94,3	79,7	77,6
Other non-metallic mineral products	3,5	85,0	72,7	64,4	76,4	87,7	90,1	92,4
Basic iron and steel products	7,6	96,9	80,7	93,6	104,8	86,7	103,2	112,6
Basic precious and non-ferrous metal products	3,2	152,5	139,6	172,5	130,4	148,0	177,1	138,0
Fabricated metal products	7,0	99,4	82,8	74,4	96,7	100,1	92,6	116,7
Structural metal products	2,4	95,9	85,2	66,5	92,9	105,9	79,5	113,9
Other fabricated metal product	4,6	101,2	81,6	78,5	98,7	94,6	105,3	114,8
Total machinery and equipment	5,8	97,5	90,9	81,5	71,4	111,4	98,2	87,3
General purpose machinery	2,5	111,5	99,9	81,6	78,3	125,3	105,3	97,9
Special purpose machinery	2,9	84,4	86,4	81,3	63,5	92,6	97,9	67,5
Household appliances	0,4	105,2	65,9	82,6	85,2	98,5	118,0	127,2
Electrical machinery, apparatus	3,4	96,2	82,4	73,3	83,0	100,1	98,7	100,5
Radio, television and communication apparatus	1,0	126,9	100,4	108,6	124,7	129,0	138,3	158,8
Professional equipment	0,5	77,9	72,7	64,1	74,0	88,0	82,4	89,5
Motor vehicles; trailers; parts and accessories	8,0	102,4	76,8	78,0	88,6	94,2	129,3	108,8
Motor vehicles	4,5	97,0	66,4	70,9	73,9	86,3	120,9	96,6
Bodies for motor vehicles; trailers and semi-trailers	0,5	63,9	56,6	45,4	54,8	70,8	70,5	67,6
Parts and accessories	3,0	117,7	96,2	94,6	116,8	108,7	163,1	131,8
Other transport equipment	1,0	115,5	128,8	102,3	117,0	126,3	117,2	114,4
Furniture	1,6	102,6	85,8	59,0	78,3	132,7	90,1	119,4
Other manufacturing industries	2,6	107,7	77,7	93,9	76,3	100,8	129,3	99,1
TOTAL	100,0	101,3	86,7	90,1	90,4	100,4	105,6	104,4

\* Revised  
1/ Preliminary

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

Month	1994	1995	1996	1997	1998	1999	2000
Actual values							
J	16 267 098	19 206 220	21 803 249	25 254 480	25 913 926	26 478 071	29 229 319 1/
F	19 815 926	24 414 317	26 328 500	29 866 793	29 901 544	30 666 092	
M	22 056 191	26 712 878	28 188 286	29 866 272	32 190 538	32 735 187	
A	19 132 660	22 897 368	26 231 967	30 438 604	29 758 879	30 458 581	
M	19 723 817	25 806 431	28 293 052	30 626 091	30 352 835	32 670 212	
J	22 055 323	26 204 689	28 261 416	30 575 542	31 723 893	33 085 795	
J	22 251 097	25 613 126	28 378 392	31 169 707	31 732 667	33 330 808	
A	21 957 670	27 064 919	29 568 761	31 400 042	30 810 619	33 788 257	
S	23 954 300	27 737 968	29 549 724	31 344 644	32 896 327	35 648 196	
O	25 209 944	29 294 559	33 070 022	35 902 602	34 970 472	37 455 953	
N	26 275 416	29 960 074	33 084 713	33 709 581	34 300 610	38 719 249	
D	20 667 319	23 877 458	26 338 721	28 128 922	29 016 347	32 678 663	
Year	259 366 761	308 790 007	339 096 803	368 283 280	373 568 657	397 715 064	
Seasonally adjusted values							
J	19 968 230	23 567 539	26 617 202	30 635 710	31 199 674	31 755 088	35 013 604
F	20 091 336	24 834 760	26 863 170	30 567 871	30 697 576	31 534 264	
M	20 710 970	25 201 539	26 779 495	28 585 302	30 993 343	31 584 802	
A	20 443 907	24 378 136	27 797 615	32 071 179	31 283 908	31 993 660	
M	19 909 079	25 929 612	28 312 358	30 566 816	30 297 356	32 661 314	
J	21 793 414	25 884 659	27 934 064	30 253 427	31 434 190	32 794 196	
J	22 114 884	25 451 735	28 203 318	30 930 111	31 442 019	32 945 647	
A	21 324 331	26 397 332	28 946 774	30 877 087	30 369 151	33 379 304	
S	22 795 935	26 507 202	28 309 699	30 089 921	31 607 785	34 255 530	
O	22 763 112	26 359 272	29 735 531	32 222 858	31 411 462	33 661 135	
N	23 512 681	26 844 695	29 749 229	30 408 109	31 038 654	35 120 185	
D	23 305 927	26 805 686	29 333 813	31 069 273	31 803 893	35 709 333	

\* Revised  
1/ Preliminary

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

Manufacturing divisions and major groups	Year	Actual values			Seasonally adjusted values			
		January	December	January 1/	January	December	January	
		1999		2000		1999		2000
		1999SAVE		2000		1999		2000
Food and food products	57 016 575	4 431 214	4 914 626	4 308 644	4 996 854	4 893 764	4 849 937	
Meat, fish, fruit etc.	17 246 893	1 266 102	1 532 694	1 261 342	1 438 652	1 497 453	1 434 915	
Dairy products	7 134 625	523 158	659 380	497 941	556 168	604 681	532 692	
Grain mill products	14 866 173	1 113 665	1 315 859	1 090 912	1 224 876	1 306 249	1 201 562	
Other food products	17 768 884	1 528 289	1 406 693	1 458 449	1 817 367	1 483 442	1 712 974	
Beverages	20 655 537	1 680 150	2 497 079	1 523 666	1 717 420	1 768 752	1 554 878	
Total textiles	9 774 220	505 340	638 188	589 365	736 258	944 008	859 148	
Textiles	6 304 565	337 637	382 168	377 544	480 588	601 279	537 877	
Other textile products	3 469 655	167 703	256 020	211 821	256 677	336 177	324 576	
Total Wearing apparel	10 982 754	527 763	828 800	608 302	866 748	1 071 050	996 441	
Knitted, crocheted articles	1 881 502	88 740	125 164	100 207	129 825	188 484	147 267	
Wearing apparel	9 101 252	439 023	703 636	508 095	739 326	880 215	851 425	
Tanning and dressing of leather	2 581 745	122 137	175 029	155 413	172 728	275 764	220 709	
Footwear	2 409 509	115 672	127 974	99 995	216 906	187 835	186 995	
Wood and products of wood	8 022 010	484 134	617 224	585 723	653 636	776 837	787 343	
Sawmilling and planing of wood	2 009 571	105 869	180 239	179 300	149 404	216 999	252 687	
Products of wood	6 012 439	378 265	436 985	406 423	499 580	559 114	533 663	
Paper and paper products	20 401 534	1 363 285	1 778 563	1 650 487	1 566 452	1 862 983	1 905 237	
Total publishing and printing	11 652 922	825 410	898 093	855 645	955 959	981 181	995 390	
Publishing	4 471 082	334 965	366 170	364 474	366 282	375 091	397 403	
Printing, recorded media	7 181 840	490 445	531 923	491 171	590 587	602 716	595 379	
Coke and refined petroleum products	20 466 794	1 325 431	1 982 680	1 830 830	1 393 514	1 979 119	1 921 858	
Basic chemicals	20 049 152	1 483 843	1 795 590	1 713 849	1 767 753	1 902 271	2 039 582	
Other chemical products	25 490 243	1 705 586	2 005 206	1 809 019	2 053 137	2 271 564	2 178 121	
Rubber products	4 168 065	270 847	299 033	262 938	377 203	357 604	365 510	
Plastic products	9 779 291	620 849	814 546	729 073	790 386	1 031 903	924 739	
Glass and glass products	2 140 820	131 507	157 321	143 006	168 167	185 346	184 084	
Other non-metallic mineral products	9 296 194	585 634	644 868	733 169	741 220	868 041	929 476	
Basic iron and steel products	25 749 611	1 702 223	2 050 131	2 236 445	1 936 406	2 224 957	2 557 764	
Basic precious and non-ferrous metal products	13 095 971	784 802	1 293 407	885 239	932 026	1 268 381	1 068 754	
Fabricated metal products	23 782 236	1 631 551	1 535 330	1 594 395	2 022 127	1 780 651	1 970 104	
Structural metal products	8 384 111	578 865	483 701	468 732	785 735	448 005	632 207	
Other fabricated metal product	15 398 125	1 052 686	1 051 629	1 125 663	1 256 647	1 349 341	1 341 907	
Total machinery and equipment	18 484 458	1 175 825	1 467 285	1 133 448	1 505 703	1 692 264	1 450 730	
General purpose machinery	8 708 800	500 918	638 417	528 941	658 089	703 157	696 675	
Special purpose machinery	7 852 336	577 070	695 156	480 355	689 416	791 036	570 122	
Household appliances	1 923 322	97 837	133 712	124 152	153 881	188 312	196 280	
Electrical machinery, apparatus	11 795 052	849 048	826 825	865 427	1 118 309	1 045 522	1 132 827	
Radio, television and communication apparatus	4 538 230	298 248	338 998	355 500	389 959	427 496	463 928	
Professional equipment	1 311 327	100 870	96 509	99 037	122 642	115 512	119 499	
Motor vehicles; trailers; parts and accessories	42 720 710	2 373 674	3 087 510	2 933 767	3 057 605	4 205 370	3 776 429	
Motor vehicles	30 465 944	1 600 704	2 274 052	1 954 180	2 090 025	2 937 538	2 548 380	
Bodies for motor vehicles; trailers and semi-trailers	1 531 053	79 258	105 610	102 157	123 802	133 565	159 573	
Parts and accessories	10 723 713	693 712	707 848	877 430	813 855	1 157 173	1 028 132	
Other transport equipment	2 783 379	160 577	203 711	199 675	226 505	254 262	284 935	
Furniture	6 355 976	318 646	409 887	399 489	523 629	544 778	652 200	
Other manufacturing industries	12 210 749	903 805	1 194 250	927 773	1 044 978	1 170 028	1 075 143	
TOTAL	397 715 064	26 478 071	32 678 663	29 229 319	31 755 088	35 709 333	35 013 604	

\* Revised  
1/ Preliminary

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

Selected manufacturing subgroups	Actual values			Seasonally adjusted values		
	January	December	January	January	December	January
	1999		2000	1999		2000
Spinning, weaving and finishing of textiles	199 411	202 355	209 534	207 485	221 897	218 692
Tents, tarpaulins, sails and other canvas goods and automotive textile goods	20 285	28 132	26 867	18 586	30 564	24 865
Other textile articles	68 811	50 373	49 912	78 172	59 158	57 090
Knitted and crotcheted fabrics and articles	135 593	145 570	145 591	141 910	150 158	151 859
Wearing apparel	701 535	716 576	751 501	740 614	786 903	792 824
Sawmilling and preserving of timber	21 641	20 789	21 206	21 521	22 780	21 183
Veneer sheets, plywood, laminboard, etc.	18 036	18 275	15 330	19 834	20 818	17 009
Builders' carpentry and joinery	54 097	74 002	50 121	55 283	77 582	50 833
Pulp, paper and paperboard	170 250	178 877	274 561	201 095	181 681	325 609
Corrugated paper and paperboard and containers	389 073	401 187	452 399	390 976	389 707	453 826
Paints, varnishes and coatings	19 480	27 375	27 946	18 019	26 062	25 703
Basic iron and steel products	3 061 958	3 055 898	3 027 103	3 022 136	3 008 808	2 989 150
Steel pipe and tube mills	157 104	261 880	254 445	152 658	259 730	248 400
Basic precious and non-ferrous metal products	808 340	1 041 614	998 271	864 728	1 082 352	1 066 510
Metal structures, parts	1 460 033	1 151 250	1 163 839	1 497 080	1 188 153	1 192 066
Cutlery, hand tools and general hardware	33 926	37 394	31 097	36 031	43 037	33 163
Metal containers, e.g. cans and tins	60 373	62 563	73 098	54 026	59 143	64 596
Cables, wire products, springs	63 520	40 903	54 236	72 756	46 723	61 856
Metal fasteners	28 359	37 146	41 180	27 641	41 008	40 357
All other metal products	987 695	1 071 476	1 041 453	1 128 074	1 169 957	1 184 095
Domestic appliances	37 910	38 238	39 498	38 620	40 782	40 214
Electric motors, generators and transformers	471 527	450 439	430 391	485 834	486 383	444 309
Insulated wire and cables	204 897	164 941	206 085	200 731	197 200	200 951
Accumulators, primary cells and primary batteries	12 579	15 847	12 650	12 030	17 564	12 138
Television, radio and						

communication apparatus	685 660	755 802	735 136	690 363	776 983	740 514
Motor vehicles	1 807 407	1 741 403	1 839 754	1 891 768	2 006 074	1 907 590
Parts and accessories for						
motor vehicles	270 973	277 236	301 593	270 109	288 133	299 612
Furniture	168 974	206 395	215 042	192 217	239 992	245 745

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\* Revised