

Manufacturing industry: Financial, 2008

Statistics South Africa

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Report No. 30-02-03 (2008)

Manufacturing industry: Financial, 2008 / Statistics South Africa

Published by Statistics South Africa, Private Bag X44, Pretoria 0001

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Stats SA Library Cataloguing-in-Publication (CIP) Data

Manufacturing industry: Financial, 2008 / Statistics South Africa. Pretoria: Statistics South Africa, 2010

[Report No. 30-02-03 (2008)]

iii. 109 pp

ISBN: 978-0-621-39577-8

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1. Introduction

This publication updates Statistical Release P3002 'Manufacturing industry 2008', and provides details at the 4-digit Standard Industrial Classification level of classification of enterprises (*Standard Industrial Classification of all Economic Activities (SIC), Fifth edition, Report No. 09-09-02*). The financial information has been revised following the reclassification of some enterprises. Further financial tables have been added (capital expenditure, opening inventory, closing inventory, assets and liabilities).

The estimates presented here are derived from the results of the 2008 manufacturing large sample survey (LSS). The survey collected data from a sample of 10 725 enterprises drawn from a sampling frame of 56 553 enterprises which were operating between 1 July 2007 and 30 June 2008. The sample was stratified in such a way that all large enterprises (with turnover equal to or larger than R51 million) were included. The response rate was 81%.

The survey is conducted every three years and measures economic activity in the manufacturing industry of the South African economy. The previous manufacturing LSS was conducted in 2005 (Statistical release P3002 Manufacturing industry 2005 and Report No. 30-02-02 (2005)).

1.1 Scope and coverage

This survey covers enterprises registered in the taxation system that are mainly engaged in manufacturing. It includes the following divisions within its scope:

- (i) Manufacture of food products and beverages (SIC 30)
- (ii) Manufacture of textiles, clothing, leather and footwear (SIC 31)
- (iii) Manufacture of wood and wood products, paper, publishing and printing (SIC 32)
- (iv) Manufacture of coke, petroleum, chemical products, rubber and plastic (SIC 33)
- (v) Manufacture of glass and other non-metallic mineral products (SIC 34)
- (vi) Manufacture of basic metals, metal products, machinery and equipment (SIC 35)
- (vii) Manufacture of electrical machinery and equipment (SIC 36)
- (viii) Manufacture of telecommunication and professional equipment (SIC 37)
- (ix) Manufacture of transport equipment (SIC 38)
- (x) Manufacture of furniture and other manufacturing (including tobacco and recycling) (SIC 39)

Including

- The South Africa-based activities of enterprises which operate in multiple countries.

Excluding

- Activities of South Africa-based companies in other countries.

1.2 Data items

The following categories of data items were collected: industrial classification, details of employment, income, expenditure, profit or loss, inventories, carrying value of assets, and details of products manufactured.

1.3 Reference period

The questionnaires were completed for the financial year of the enterprise which ends on any date between 1 July 2007 and 30 June 2008, according to the usual reporting schedule of the enterprise.

Example

- 1 October 2006 – 30 September 2007
- 1 January 2007 – 31 December 2007
- 1 February 2007 – 31 January 2008
- 1 March 2007 – 28 February 2008
- 1 April 2007 – 31 March 2008

1.4 Current prices

The rand values are at current prices.

1.5 Reliability of data

All estimates compiled for this industry are subject to both sampling and non-sampling errors.

The estimates are subject to sampling variability since they are based on information obtained from a sample. They may therefore differ from the figures that would have been produced if the data had been obtained from all enterprises in the manufacturing industry in South Africa. The standard error (SE) indicates the extent to which an estimate might have varied by chance because only a sample of enterprises was used. The relative standard error (RSE) (the standard error expressed as a percentage of the estimate) provides an indication of the percentage error likely to have occurred due to sampling, and thus avoids the need to refer to the size of the estimate. The larger the RSE, the less reliable the estimate is.

The following are some of the likely sources of non-sampling errors: sampling frame not up to date, wrong definitions and classification, phrasing of questions, non-response, processing and estimation. Every effort is made to minimise non-sampling errors by careful design of questionnaires, testing them with a sample of respondents, editing reported data and implementing efficient operating procedures. Non-sampling errors occur in both sample surveys and censuses.

1.6 Confidentiality

According to Section 17 of the Statistics Act, 1999 (Act No. 6 of 1999), completed questionnaires remain confidential to Statistics South Africa (Stats SA). Individual business information is never disclosed. Results are presented in aggregated form only.

2. Background to the programme of large sample surveys

The LSSs serve to document comprehensively the structure and financial characteristics of all industries within the economy.

Previously, Statistics South Africa (Stats SA) periodically conducted industry censuses, i.e. collections covering all entities known to be mainly engaged in particular sectors. The last industry 'census' was conducted for the manufacturing sector in 1996. Since then, Stats SA has replaced industry censuses with periodic LSSs of industry sectors. These surveys are based on larger samples than the sub-annual and annual surveys. They do not attempt to completely enumerate all entities within the industry scope of the surveys, but are based on stratified random samples which are representative of the survey population.

2.1 Purpose and uses of large sample surveys

The results of the LSSs are used in constructing and refreshing supply/use tables, and for benchmarking the gross domestic product (GDP) and its components, production and price indices, and annual and short-term statistical series, and for comparisons within and between industries.

Users of the programme of LSSs include the following:

- Price statisticians, particularly in refreshing the commodity basket of producer price indices;
- Policy advisers in government for monitoring the performance of industries and their contribution to the South African economy and evaluating the effectiveness of industry policies;
- Industry associations monitoring trends in their own and competing or complementary industries in order to inform their members of market changes; and
- Individual businesses using the data to analyse their performance relative to their industry.

2.2 Scope and coverage

The LSSs cover enterprises registered in the taxation system (VAT and income tax) that are mainly engaged in the following industries as defined in the Standard Industrial Classification of all Economic Activities (SIC):

- Mining and quarrying
- Manufacturing
- Electricity, gas and water supply
- Construction
- Wholesale and retail trade, repair of motor vehicles, motor cycles and personal and household goods, and hotels and restaurants
- Transport, storage and communication
- Financial intermediation, insurance, real estate and business services
- Community, social and personal services (except national, provincial and local government activities)

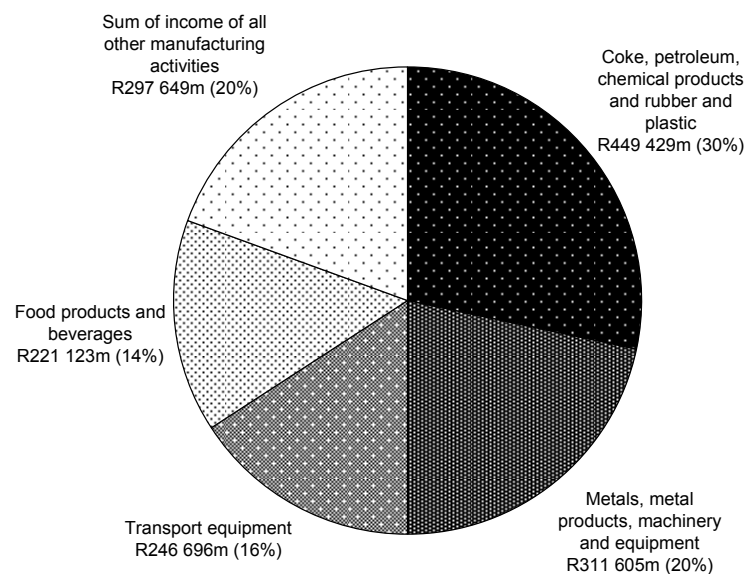
Note: The agriculture, forestry, fishing, hunting and related services industry (SIC 1) is not included as it is covered by a separate programme within Statistics South Africa. Similarly, the public administration and defence activities industry (SIC 92), financial intermediation (SIC 81) and insurance and pension funding (SIC 82) are covered by other programmes both within Stats SA and elsewhere (e.g. South African Reserve Bank).

2.3 Reporting unit

The statistical unit for the collection of information is an enterprise. An enterprise is a legal unit (or a combination of legal units) that includes and directly controls all functions necessary to carry out its production activities. Each enterprise is classified to an industry that reflects its predominant activity.

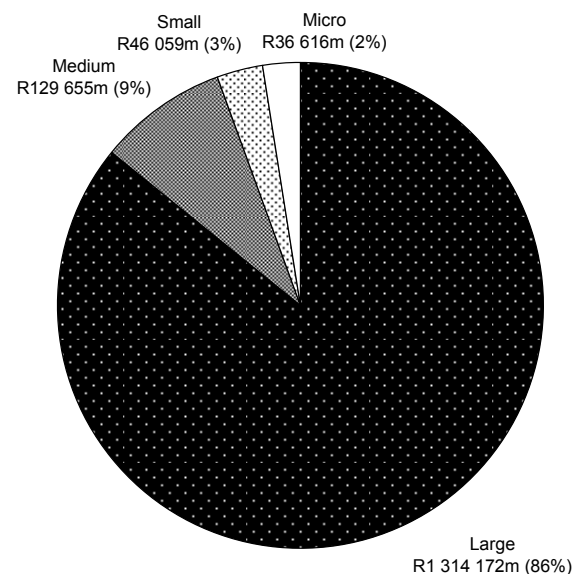
3. Summary of findings for the year 2008

Figure 1 – Breakdown of income by type of activity in the manufacturing industry, 2008

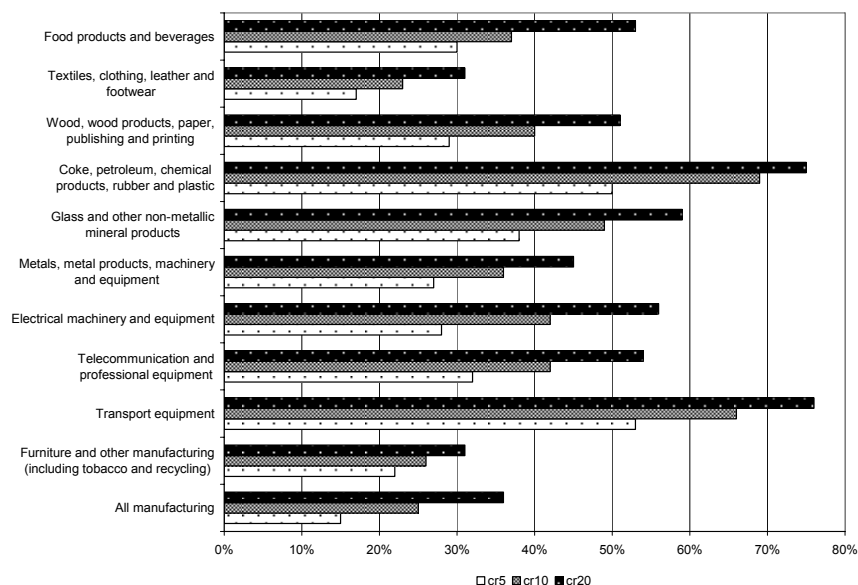


The total income for the manufacturing industry in 2008 was R1 526 502 million. The largest contributor to the total income was 'Coke, petroleum, chemical products, rubber and plastic' (R494 429 million or 30%), followed by 'Metals, metal products, machinery and equipment' (R311 605 million or 20%) and 'Transport equipment' (R246 696 million or 16%) (Figure 1 and Table 1, pages 9-14).

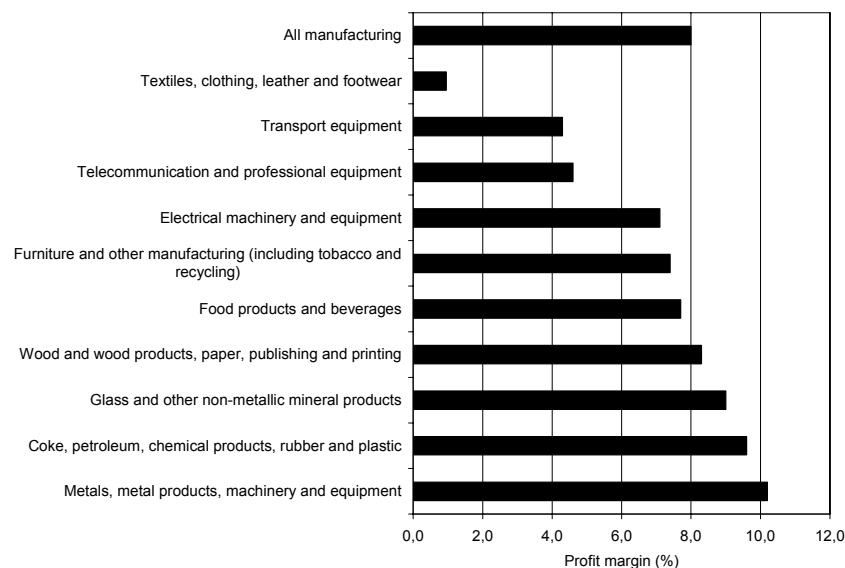
Figure 2 – Breakdown of income by enterprise size in the manufacturing industry, 2008



Analysis of income by enterprise size in the manufacturing industry in 2008 indicates that large enterprises (those with turnover equal to or greater than R51 million) earned 86% (R1 314 172 million) of the total income (Figure 2 and Table 4, page 23).

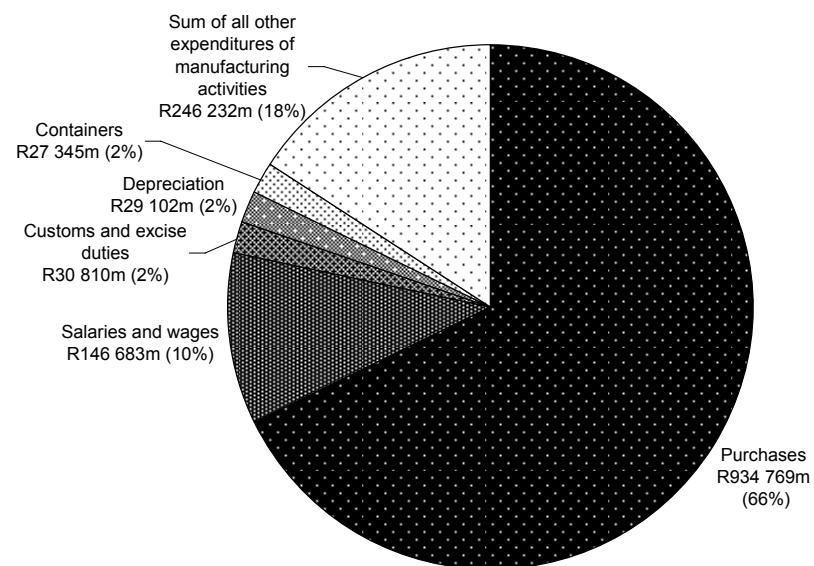
Figure 3 – Concentration ratios (CR) in the manufacturing industry, 2008

The 20 largest enterprises contributed 36% to the total income of the manufacturing industry in 2008. The contribution of the five largest enterprises per division ranges from 17% for 'Textiles, clothing, leather and footwear' to 53% for 'Transport equipment' (Figure 3 and Table 5, pages 24-28).

Figure 4 – Profit margins in the manufacturing industry, 2008

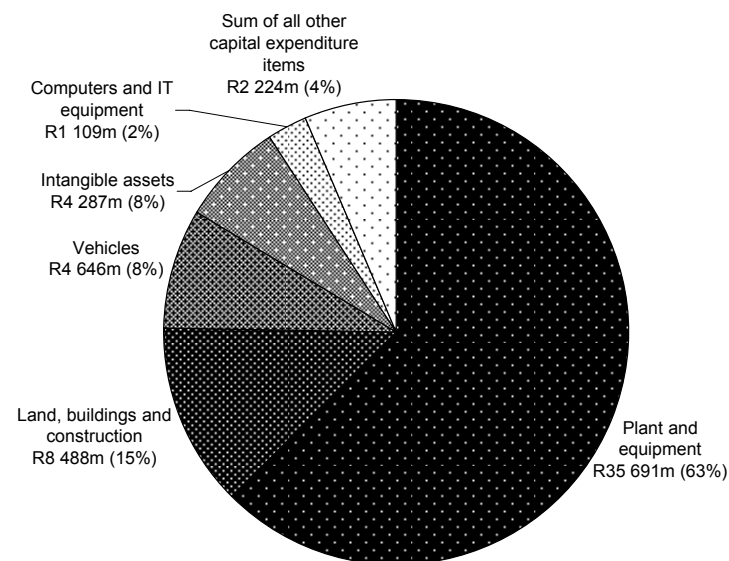
The profit margin (Net profit after tax / turnover) for the manufacturing industry in 2008 was 8,0%. The profit margin ranged from 1,0% for 'Textiles, clothing, leather and footwear' to 10,2% for 'Metals, metal products, machinery and equipment' (Figure 4 and Table 2, pages 15-18).

Figure 5 – Composition of expenditure in the manufacturing industry, 2008



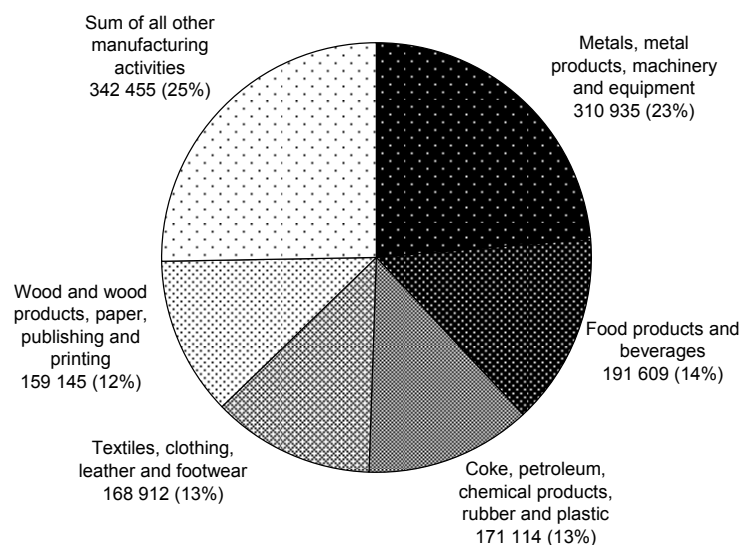
Expenditure in the manufacturing industry in 2008 amounted to R1 414 941 million. The expenditure consisted primarily of purchases (R934 769 million or 66%), followed by salaries and wages (R146 683 million or 10%) and customs and excise duties (R30 810 million or 2%) (Figure 5 and Table 6, pages 29-55).

Figure 6 – Composition of capital expenditure on new assets in the manufacturing industry, 2008



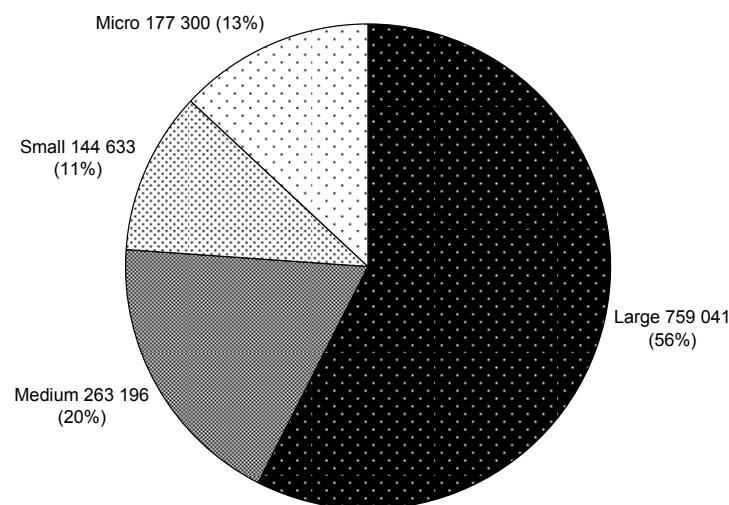
The capital expenditure on new assets in the manufacturing industry in 2008 amounted to R56 446 million. It was composed primarily of 'Plant and equipment' (R35 691 million or 63%), followed by 'Land, buildings and construction' (R8 488 million or 15%) and 'Vehicles' (R4 646 million or 8%) (Figure 6 and Table 12, pages 85-88).

Figure 7 – Employment by type of activity in the manufacturing industry, 2008

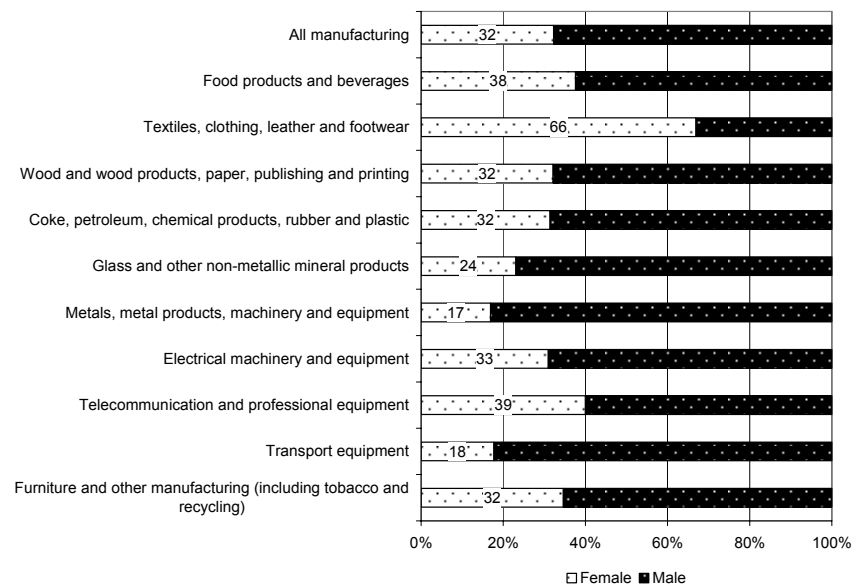


The total number of persons employed in the manufacturing industry at the end of June 2008 was 1 344 170. 'Metals, metal products, machinery and equipment' employed the largest number of persons (310 935 or 23%), followed by 'Food products and beverages' (191 609 or 14%) and 'Coke, petroleum, chemical products, rubber and plastic' (171 114 or 13%) (Figure 7 and Table 13, pages 89-92).

Figure 8 – Employment by enterprise size in the manufacturing industry, 2008



The proportional contribution of the medium, small and micro enterprises with respect to employment was greater than their contribution to total income (Figure 2, page 4). Small, medium and micro enterprises (those with turnover less than R51 million) employed 44% (585 129) of the workers in the manufacturing industry (Figure 8 and Table 14, page 93).

Figure 9 – Employment by gender in the manufacturing industry, 2008

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The proportion of females in the work force was 32%. The proportion of females by type of manufacturing ranged from 17% in 'Metals, metal products, machinery and equipment' to 66% in 'Textiles, clothing, leather and footwear' (Figure 9 and Table 13, pages 89-92).

4. Tables

Table 1 – Principal statistics in the manufacturing industry, 2008

Type of manufacture	Total income	Total expenditure	Net profit before tax	Value of opening inventories	Value of closing inventories	Opening value of assets	Closing value of assets	Capital expenditure on new assets
	R million							
Division 30 - Food products and beverages	221 123	204 012	21 970	20 609	25 468	46 395	51 190	9 555
Production, processing and preserving of meat and meat products	21 405	20 897	877	1 454	1 823	2 670	3 377	1 053
Processing and preserving of fish and fish products	6 346	5 632	799	538	623	1 354	1 363	173
Processing and preserving of fruit and vegetables	13 819	13 265	768	1 719	1 933	2 648	3 366	1 036
Manufacture of vegetable and animal oils and fats	8 334	8 479	354	597	1 096	798	788	81
Manufacture of dairy products	16 003	15 741	912	1 125	1 775	2 962	3 131	610
Manufacture of grain mill products	17 887	17 599	578	1 637	1 927	3 827	4 176	777
Manufacture of prepared animal feeds	19 714	17 143	2 953	1 295	1 677	2 873	2 938	474
Manufacture of bakery products, sugar, cocoa, chocolate and sugar confectionery	33 795	30 962	3 234	2 651	3 052	7 742	8 192	1 249
Manufacture of other food products, not elsewhere classified	24 548	23 322	1 935	2 183	2 892	7 024	7 296	834
Manufacture of alcoholic and non-alcoholic beverages	59 272	50 972	9 560	7 410	8 670	14 497	16 564	3 268
Division 31 - Textiles, clothing, leather and footwear	43 301	43 040	947	7 109	7 795	6 869	7 203	1 136
Preparation and spinning of textile fibres and weaving and finishing of textiles	7 022	7 402	-218	1 593	1 755	2 008	2 076	304
Manufacture of made-up textile articles, except apparel	7 636	7 323	366	1 312	1 365	1 239	1 445	257
Manufacture of carpets, rugs and mats	1 736	1 758	1	381	404	396	409	80
Manufacture of cordage, rope, twine and netting	315	297	30	33	45	24	36	17
Manufacture of other textiles, not elsewhere classified	3 353	3 307	144	442	540	617	654	120
Manufacture of knitted and crocheted fabrics and articles	2 342	2 277	101	421	457	287	271	43
Manufacture of wearing apparel, except fur apparel	13 813	13 892	210	1 837	2 126	1 471	1 466	219
Dressing and dyeing of fur, articles of fur and tanning and dressing of leather	3 248	3 117	91	549	509	459	517	54
Manufacture of luggage, handbags and the like, saddlery and harness	947	962	14	119	148	128	102	16
Manufacture of footwear	2 889	2 705	208	422	446	240	227	26

Table 1 – Principal statistics in the manufacturing industry, 2008 (continued)

Type of manufacture	Total income	Total expenditure	Net profit before tax	Value of opening inventories	Value of closing inventories	Opening value of assets	Closing value of assets	Capital expenditure on new assets
R million								
Division 32 - Wood, wood products, paper, publishing and printing	98 906	90 621	9 370	8 605	9 690	39 264	45 581	6 667
Sawmilling and planing of wood	8 142	7 552	792	441	643	1 608	3 617	265
Manufacture of veneer sheets, plywood and other boards and carpentry and joinery	9 411	8 903	743	963	1 198	2 629	3 559	549
Manufacture of wooden containers	1 147	1 090	71	29	43	81	74	10
Manufacture of other products of wood, articles of cork, straw and plaiting materials	3 682	3 470	191	322	301	385	424	68
Manufacture of pulp, paper and paperboard and articles of paper and paperboard	43 057	40 216	3 246	4 639	5 044	23 823	26 895	4 371
Publishing of books, brochures, musical books and other publications	4 931	3 903	1 103	360	435	662	695	48
Publishing of newspapers, periodicals, recorded media and other publishing	13 762	11 971	1 840	778	827	5 102	5 356	653
Printing	13 213	11 995	1 319	926	1 027	3 977	4 191	649
Service activities related to printing	1 116	1 109	33	90	116	792	561	23
Reproduction of recorded media	445	412	32	57	56	205	209	31

Table 1 – Principal statistics in the manufacturing industry, 2008 (continued)

Type of manufacture	Total income	Total expenditure	Net profit before tax	Value of opening inventories	Value of closing inventories	Opening value of assets	Closing value of assets	Capital expenditure on new assets
	R million							
Division 33 - Coke, petroleum, chemical products, rubber and plastic	449 429	414 139	53 691	36 461	54 862	84 563	95 398	15 081
Manufacture of coke oven products	2 352	2 112	256	68	84	322	323	34
Manufacture of petrol, fuel oils and other petroleum/synthesised products	271 561	245 622	37 259	17 287	28 607	30 176	32 908	5 015
Manufacture of basic chemicals, except fertilisers and nitrogen compounds	21 296	19 317	2 333	2 502	2 856	7 287	8 854	2 333
Manufacture of fertilisers, nitrogen compounds, plastics and synthetic rubber	47 792	47 794	3 971	3 927	7 900	20 689	23 964	1 992
Manufacture of pesticides and other agro-chemical products	1 395	1 363	104	176	248	124	134	28
Manufacture of paints, varnishes and similar coatings, printing ink and mastics	10 518	9 676	1 199	1 334	1 691	1 106	2 383	1 399
Manufacture of pharmaceuticals, medicinal chemicals and botanical products	14 146	11 645	2 632	2 572	2 703	2 685	3 082	832
Manufacture of soap and detergents, perfumes and toilet preparations	21 116	19 304	2 663	1 901	2 752	9 787	10 049	502
Manufacture of other chemical products, not elsewhere classified	15 164	14 078	1 166	2 155	2 235	3 623	3 798	581
Manufacture of rubber tyres and tubes and other rubber products; retreading of tyres	13 197	13 447	247	1 692	2 189	2 573	2 706	505
Manufacture of plastic products	30 892	29 781	1 861	2 847	3 597	6 191	7 197	1 860
Division 34 - Glass and other non-metallic mineral products	48 550	42 845	5 954	5 137	5 386	29 665	33 094	3 840
Manufacture of glass and glass products and non-structural non-refractory ceramicware	10 339	10 040	551	1 577	1 829	8 797	9 441	1 078
Manufacturer of refractory ceramic products	3 860	3 752	365	687	944	524	585	121
Manufacture of structural non-refractory clay and ceramic products	6 551	5 473	999	554	475	1 904	1 949	612
Manufacture of cement, lime and plaster and articles of concrete, cement and plaster	24 915	20 871	3 871	1 797	1 624	18 016	20 763	1 969
Cutting and shaping of stone and manufacture of other non-metallic mineral products	2 885	2 709	168	522	514	424	356	60

Table 1 – Principal statistics in the manufacturing industry, 2008 (continued)

Type of manufacture	Total income	Total expenditure	Net profit before tax	Value of opening inventories	Value of closing inventories	Opening value of assets	Closing value of assets	Capital expenditure on new assets
R million								
Division 35 - Metals, metal products, machinery and equipment	311 606	276 929	41 228	39 513	46 064	59 110	61 968	9 637
Manufacture of basic iron and steel and of primary iron and steel products	87 505	69 422	18 102	12 801	12 820	27 136	28 118	4 227
Manufacture of basic precious and non-ferrous metals	58 292	50 814	8 981	8 565	10 068	15 176	14 971	1 111
Casting of iron and steel	2 592	2 554	94	270	326	304	319	59
Casting of non-ferrous metals	745	723	26	55	59	122	155	36
Manufacture of structural metal products	32 016	29 573	3 041	3 507	4 105	1 773	2 077	616
Manufacture of tanks, reservoirs and similar containers of metal	1 600	1 454	184	153	191	104	97	20
Manufacture of steam generators, except central heating water boilers	1 188	1 257	106	174	349	64	93	42
Forging, pressing, stamping and roll-forming of metal; powder metallurgy	2 286	2 380	0	235	329	402	602	117
Treatment and coating of metals; general mechanical engineering	11 403	10 619	895	408	519	1 586	1 646	275
Manufacture of cutlery, hand tools and general hardware	3 144	3 071	238	462	627	380	398	67
Manufacture of other fabricated metal products, not elsewhere classified	27 348	25 772	2 663	2 640	3 727	4 029	4 456	931
Manufacture of pumps, compressors, taps and valves	8 633	7 850	1 176	788	1 181	900	999	247
Manufacture of bearings, gears, gearing and driving elements	1 878	1 642	300	229	293	316	298	29
Manufacture of agricultural and forestry machinery	2 428	2 320	177	365	434	235	227	38
Manufacture of machine tools	2 101	2 064	38	249	250	256	237	44
Manufacture of machinery for mining, quarrying and construction	16 894	15 760	2 090	2 732	3 688	1 315	1 442	311
Manufacture of machinery for food, beverage and tobacco processing	1 825	1 660	184	197	216	134	160	47
Manufacture of weapons and ammunition and other special purpose machinery	49 728	47 994	2 933	5 683	6 882	4 878	5 673	1 420

Table 1 – Principal statistics in the manufacturing industry, 2008 (continued)

Type of manufacture	Total income	Total expenditure	Net profit before tax	Value of opening inventories	Value of closing inventories	Opening value of assets	Closing value of assets	Capital expenditure on new assets
	R million							
Division 36 - Electrical machinery and apparatus	34 286	31 619	3 397	4 374	5 104	3 655	4 356	1 183
Manufacture of electric motors, generators and transformers	7 421	7 160	570	957	1 266	536	622	180
Manufacture of electricity distribution and control apparatus	4 377	3 880	532	390	425	330	404	138
Manufacture of insulated wire and cable	9 920	8 857	1 203	1 301	1 441	641	1 034	503
Manufacture of accumulators, primary cells and batteries and lighting equipment	4 388	3 992	468	548	620	693	832	170
Manufacture of other electrical equipment	8 180	7 730	624	1 178	1 352	1 455	1 464	192
Division 37 - Telecommunication, medical and optical equipment and watches and clocks	12 873	12 707	833	1 585	2 252	1 653	1 665	231
Manufacture of electronic valves and tubes and other electronic components	1 983	1 895	161	338	411	234	201	31
Manufacture of television and radio transmitters and receivers, sound or video recording and line telephony apparatus	5 749	5 820	328	690	1 089	672	649	38
Manufacture of medical and surgical equipment and orthopaedic appliances	1 382	1 276	131	112	137	292	305	45
Manufacture of instruments and appliances for measuring, testing and navigating	2 881	2 804	238	346	507	191	243	87
Manufacture of industrial process control equipment	321	305	17	33	34	11	11	1
Manufacture of watches and clocks, optical instruments and photographic equipment	557	607	-42	66	74	253	256	29

Table 1 – Principal statistics in the manufacturing industry, 2008 (concluded)

Type of manufacture	Total income	Total expenditure	Net profit before tax	Value of opening inventories	Value of closing inventories	Opening value of assets	Closing value of assets	Capital expenditure on new assets
R million								
Division 38 - Transport equipment	246 696	244 180	13 792	29 250	40 526	24 873	27 533	6 744
Manufacture of motor vehicles	163 012	162 212	8 848	20 782	28 830	16 013	17 831	4 935
Manufacture of bodies (coachwork) for motor vehicles, trailers and semi-trailers	10 646	10 310	717	1 294	1 675	605	715	210
Manufacture of parts for motor vehicles, ships and boats and their engines	62 119	60 958	3 490	5 842	8 171	6 769	7 214	1 321
Manufacture of railway and tramway locomotives and rolling stock	5 839	5 558	754	414	887	292	534	150
Manufacture of aircraft	4 967	5 023	-20	907	943	1 194	1 232	126
Manufacture of other transport equipment	113	119	3	11	20	10	7	2
Division 39 - Furniture, other manufacturing and recycling	59 732	54 849	5 925	6 035	7 077	7 916	8 732	2 372
Manufacture of furniture	11 637	11 435	501	647	946	1 508	2 264	1 206
Manufacture of jewellery and related articles	8 208	8 270	117	2 275	2 454	477	461	67
Other manufacturing, including manufacturing of tobacco and tobacco products	25 671	21 675	3 983	2 710	2 697	3 086	3 152	569
Recycling of waste and scrap	14 216	13 469	1 324	403	980	2 845	2 855	530
Total	1 526 502	1 414 941	157 107	158 678	204 224	303 973	336 720	56 446

Table 2 – Intermediate consumption, output, value added and profit margin in the manufacturing industry, 2008

Type of manufacture	Intermediate consumption	Output	Value added	Net profit after tax	Turnover	Profit margin
	R million					%
Division 30 - Food products and beverages	155 515	196 591	41 076	16 210	209 818	7,7
Production, processing and preserving of meat and meat products	18 464	21 203	2 739	589	20 587	2,9
Processing and preserving of fish and fish products	4 517	6 209	1 692	643	6 061	10,6
Processing and preserving of fruit and vegetables	10 612	13 344	2 732	527	13 464	3,9
Manufacture of vegetable and animal oils and fats	7 921	8 249	328	251	8 242	3,0
Manufacture of dairy products	12 752	15 574	2 822	680	15 799	4,3
Manufacture of grain mill products	14 117	16 049	1 932	274	17 622	1,6
Manufacture of prepared animal feeds	13 319	15 934	2 615	2 486	17 953	13,8
Manufacture of bakery products, sugar, cocoa, chocolate and sugar confectionery	22 807	28 360	5 553	2 669	29 216	9,1
Manufacture of other food products, not elsewhere classified	18 371	23 725	5 354	1 383	24 241	5,7
Manufacture of alcoholic and non-alcoholic beverages	32 635	47 944	15 309	6 708	56 633	11,8
Division 31 - Textiles, clothing, leather and footwear	30 850	41 033	10 183	406	42 327	1,0
Preparation and spinning of textile fibres and weaving and finishing of textiles	5 182	6 584	1 402	-260	6 844	-3,8
Manufacture of made-up textile articles, except apparel	5 638	7 418	1 780	248	7 438	3,3
Manufacture of carpets, rugs and mats	1 307	1 689	382	-20	1 696	-1,2
Manufacture of cordage, rope, twine and netting	218	296	78	15	306	4,9
Manufacture of other textiles, not elsewhere classified	2 381	3 200	819	87	3 292	2,6
Manufacture of knitted and crocheted fabrics and articles	1 615	2 296	681	71	2 296	3,1
Manufacture of wearing apparel, except fur apparel	9 554	12 708	3 154	65	13 493	0,5
Dressing and dyeing of fur, articles of fur and tanning and dressing of leather	2 475	3 205	730	54	3 179	1,7
Manufacture of luggage, handbags and the like, saddlery and harness	640	936	296	7	930	0,8
Manufacture of footwear	1 840	2 701	861	139	2 853	4,9

Table 2 – Intermediate consumption, output, value added and profit margin in the manufacturing industry, 2008 (continued)

Type of manufacture	Intermediate consumption	Output	Value added	Net profit after tax	Turnover	Profit margin
	R million					%
Division 32 - Wood, wood products, paper, publishing and printing	65 098	93 772	28 674	6 967	84 290	8,3
Sawmilling and planing of wood	6 036	7 130	1 094	564	7 058	8,0
Manufacture of veneer sheets, plywood and other boards and carpentry and joinery	6 639	8 990	2 351	557	8 944	6,2
Manufacture of wooden containers	912	1 139	227	54	1 142	4,7
Manufacture of other products of wood, articles of cork, straw and plaiting materials	2 466	3 577	1 111	136	3 630	3,7
Manufacture of pulp, paper and paperboard and articles of paper and paperboard	29 801	40 637	10 836	2 589	40 869	6,3
Publishing of books, brochures, musical books and other publications	2 594	4 483	1 889	750	4 339	17,3
Publishing of newspapers, periodicals, recorded media and other publishing	7 707	13 682	5 975	1 410	4 039	34,9 ¹
Printing	7 845	12 601	4 756	891	12 746	7,0
Service activities related to printing	828	1 102	274	1	1 087	0,1
Reproduction of recorded media	270	431	161	15	436	3,4
Division 33 - Coke, petroleum, chemical products, rubber and plastic	335 431	410 068	74 637	39 856	416 879	9,6
Manufacture of coke oven products	1 848	2 339	491	181	2 325	7,8
Manufacture of petrol, fuel oils and other petroleum/synthesised products	206 399	242 049	35 650	28 087	243 938	11,5
Manufacture of basic chemicals, except fertilisers and nitrogen compounds	13 597	19 068	5 471	1 688	20 073	8,4
Manufacture of fertilisers, nitrogen compounds, plastics and synthetic rubber	39 118	45 961	6 843	2 921	46 649	6,3
Manufacture of pesticides and other agro-chemical products	1 188	1 379	191	74	1 374	5,4
Manufacture of paints, varnishes and similar coatings, printing ink and mastics	7 705	10 214	2 509	861	10 386	8,3
Manufacture of pharmaceuticals, medicinal chemicals and botanical products	7 670	12 672	5 002	2 024	13 507	15,0
Manufacture of soap and detergents, perfumes and toilet preparations	15 619	20 391	4 772	1 863	20 749	9,0
Manufacture of other chemical products, not elsewhere classified	10 894	14 788	3 894	780	14 902	5,2
Manufacture of rubber tyres and tubes and other rubber products; retreading of tyres	9 817	12 056	2 239	77	12 700	0,6
Manufacture of plastic products	21 576	29 151	7 575	1 300	30 276	4,3

¹ In this group, 'sundry trading income' (including advertising) is a major income item which is included in net profit after tax but not included in turnover, and it therefore inflates the profit margin.

Table 2 – Intermediate consumption, output, value added and profit margin in the manufacturing industry, 2008 (continued)

Type of manufacture	Intermediate consumption	Output	Value added	Net profit after tax	Turnover	Profit margin
	R million					%
Division 34 - Glass and other non-metallic mineral products	30 147	46 155	16 008	4 124	45 908	9,0
Manufacture of glass and glass products and non-structural non-refractory ceramicware	5 465	9 471	4 006	277	9 160	3,0
Manufacturer of refractory ceramic products	2 727	3 614	887	314	3 764	8,3
Manufacture of structural non-refractory clay and ceramic products	3 555	5 935	2 380	705	6 140	11,5
Manufacture of cement, lime and plaster and articles of concrete, cement and plaster	16 343	24 408	8 065	2 738	24 076	11,4
Cutting and shaping of stone and manufacture of other non-metallic mineral products	2 057	2 727	670	90	2 768	3,3
Division 35 - Metals, metal products, machinery and equipment	215 545	293 839	78 294	30 553	299 693	10,2
Manufacture of basic iron and steel and of primary iron and steel products	56 955	81 990	25 035	13 956	81 196	17,2
Manufacture of basic precious and non-ferrous metals	45 069	56 670	11 601	6 322	56 621	11,2
Casting of iron and steel	1 846	2 473	627	71	2 420	2,9
Casting of non-ferrous metals	520	715	195	18	726	2,5
Manufacture of structural metal products	24 613	31 251	6 638	2 234	31 434	7,1
Manufacture of tanks, reservoirs and similar containers of metal	1 118	1 560	442	135	1 572	8,6
Manufacture of steam generators, except central heating water boilers	1 008	1 186	178	81	1 177	6,9
Forging, pressing, stamping and roll-forming of metal; powder metallurgy	1 804	2 249	445	-37	2 224	-1,7
Treatment and coating of metals; general mechanical engineering	7 329	11 275	3 946	657	11 304	5,8
Manufacture of cutlery, hand tools and general hardware	1 941	2 826	885	193	3 092	6,2
Manufacture of other fabricated metal products, not elsewhere classified	19 483	26 291	6 808	1 983	26 678	7,4
Manufacture of pumps, compressors, taps and valves	5 543	8 492	2 949	980	8 394	11,7
Manufacture of bearings, gears, gearing and driving elements	1 202	1 795	593	223	1 833	12,2
Manufacture of agricultural and forestry machinery	1 506	2 013	507	153	2 357	6,5
Manufacture of machine tools	1 319	1 888	569	6	2 005	0,3
Manufacture of machinery for mining, quarrying and construction	9 791	14 192	4 401	1 502	16 417	9,1
Manufacture of machinery for food, beverage and tobacco processing	964	1 422	458	124	1 800	6,9
Manufacture of weapons and ammunition and other special purpose machinery	33 534	45 551	12 017	1 952	48 443	4,0

Table 2 – Intermediate consumption, output, value added and profit margin in the manufacturing industry, 2008 (concluded)

Type of manufacture	Intermediate consumption	Output	Value added	Net profit after tax	Turnover	Profit margin
	R million					%
Division 36 - Electrical machinery and apparatus	23 592	32 355	8 763	2 376	33 513	7,1
Manufacture of electric motors, generators and transformers	5 139	7 171	2 032	365	7 247	5,0
Manufacture of electricity distribution and control apparatus	2 784	3 941	1 157	364	4 273	8,5
Manufacture of insulated wire and cable	7 810	9 860	2 050	863	9 781	8,8
Manufacture of accumulators, primary cells and batteries and lighting equipment	2 859	4 169	1 310	345	4 237	8,1
Manufacture of other electrical equipment, not elsewhere classified	5 000	7 214	2 214	439	7 975	5,5
Division 37 - Telecommunication, medical and optical equipment and watches and clocks	7 839	11 037	3 198	573	12 498	4,6
Manufacture of electronic valves and tubes and other electronic components	1 392	1 920	528	79	1 947	4,1
Manufacture of television and radio transmitters and receivers, sound or video recording and line telephony apparatus	3 075	4 243	1 168	251	5 482	4,6
Manufacture of medical and surgical equipment and orthopaedic appliances	825	1 322	497	110	1 354	8,1
Manufacture of instruments and appliances for measuring, testing and navigating	2 026	2 757	731	171	2 854	6,0
Manufacture of industrial process control equipment	209	306	97	8	315	2,5
Manufacture of watches and clocks, optical instruments and photographic equipment	312	489	177	-46	546	-8,4
Division 38 - Transport equipment	167 718	187 166	19 448	10 050	232 019	4,3
Manufacture of motor vehicles	99 701	105 891	6 190	6 518	150 078	4,3
Manufacture of bodies (coachwork) for motor vehicles, trailers and semi-trailers	8 665	10 458	1 793	517	10 498	4,9
Manufacture of parts for motor vehicles, ships and boats and their engines	52 300	61 024	8 724	2 558	60 943	4,2
Manufacture of railway and tramway locomotives and rolling stock	3 807	5 022	1 215	524	5 541	9,5
Manufacture of aircraft	3 167	4 666	1 499	-69	4 848	-1,4
Manufacture of other transport equipment	78	105	27	2	111	1,8
Division 39 - Furniture, other manufacturing and recycling	36 753	51 090	14 337	3 837	51 973	7,4
Manufacture of furniture	8 109	11 141	3 032	318	11 339	2,8
Manufacture of jewellery and related articles	7 083	7 769	686	70	8 116	0,9
Other manufacturing, including manufacturing of tobacco and tobacco products	9 542	18 117	8 575	2 487	18 535	13,4
Recycling of waste and scrap	12 019	14 063	2 044	962	13 983	6,9
Total	1 068 488	1 363 106	294 618	114 952	1 428 918	8,0

Table 3 – Income in the manufacturing industry, 2008

Type of manufacture	Sales of own manufactured goods	Other sales of goods	Services rendered	Sundry trading income	Interest received	Other income	Total income
	R million						
Division 30 - Food products and beverages	196 199	11 611	1 891	542	1 844	9 036	221 123
Production, processing and preserving of meat and meat products	19 698	462	402	61	120	662	21 405
Processing and preserving of fish and fish products	5 902	120	29	18	79	198	6 346
Processing and preserving of fruit and vegetables	12 961	415	83	62	91	207	13 819
Manufacture of vegetable and animal oils and fats	8 181	40	18	10	37	48	8 334
Manufacture of dairy products	14 512	496	786	1	46	162	16 003
Manufacture of grain mill products	17 129	471	18	3	104	162	17 887
Manufacture of prepared animal feeds	14 675	3 239	21	47	52	1 680	19 714
Manufacture of bakery products, sugar, cocoa, chocolate and sugar confectionery	27 752	1 444	6	263	160	4 170	33 795
Manufacture of other food products	22 868	1 055	307	5	142	171	24 548
Manufacture of alcoholic and non-alcoholic beverages	52 521	3 869	221	72	1 013	1 576	59 272
Division 31 - Textiles, clothing, leather and footwear	39 340	2 380	554	60	298	669	43 301
Preparation and spinning of textile fibres and weaving and finishing of textiles	6 192	497	137	15	43	138	7 022
Manufacture of made-up textile articles, except apparel	7 206	182	48	0	63	137	7 636
Manufacture of carpets, rugs and mats	1 660	34	2	1	11	28	1 736
Manufacture of cordage, rope, twine and netting	282	20	4	0	3	6	315
Manufacture of other textiles	2 914	188	190	1	19	41	3 353
Manufacture of knitted and crocheted fabrics and articles	2 241	25	30	3	13	30	2 342
Manufacture of wearing apparel, except fur apparel	12 148	1 245	80	39	98	203	13 813
Dressing and dyeing of fur, articles of fur and tanning and dressing of leather	3 119	0	59	0	26	44	3 248
Manufacture of luggage, handbags and the like, saddlery and harness	905	13	2	0	9	18	947
Manufacture of footwear	2 673	176	2	1	13	24	2 889

Table 3 – Income in the manufacturing industry, 2008 (continued)

Type of manufacture	Sales of own manufactured goods	Other sales of goods	Services rendered	Sundry trading income	Interest received	Other income	Total income
	R million						
Division 32 - Wood, wood products, paper, publishing and printing	78 555	1 920	3 766	9 899	1 410	3 356	98 906
Sawmilling and planing of wood	6 933	40	81	13	47	1 028	8 142
Manufacture of veneer sheets, plywood and other boards and carpentry and joinery	8 671	234	38	1	228	239	9 411
Manufacture of wooden containers	1 107	9	9	0	4	18	1 147
Manufacture of other products of wood, articles of cork, straw and plaiting materials	3 566	64	0	1	19	32	3 682
Manufacture of pulp, paper and paperboard and articles of paper and paperboard	37 086	849	2 916	96	584	1 526	43 057
Publishing of books, brochures, musical books and other publications	4 105	142	91	295	128	170	4 931
Publishing of newspapers, periodicals, recorded media and other publishing	3 788	6	243	9 478	247	0	13 762
Printing	11 908	556	276	15	140	318	13 213
Service activities related to printing	986	4	97	0	11	18	1 116
Reproduction of recorded media	405	16	15	0	2	7	445
Division 33 - Coke, petroleum, chemical products, rubber and plastic	376 499	32 665	21 367	148	2 467	16 283	449 429
Manufacture of coke oven products	2 323	0	2	0	8	19	2 352
Manufacture of petrol, fuel oils and other petroleum/synthesised products	220 532	20 392	16 866	81	1 046	12 644	271 561
Manufacture of basic chemicals, except fertilisers and nitrogen compounds	15 836	3 401	809	14	236	1 000	21 296
Manufacture of fertilisers, nitrogen compounds, plastics and synthetic rubber	43 927	1 536	1 182	2	400	745	47 792
Manufacture of pesticides and other agro-chemical products	1 354	16	2	1	3	19	1 395
Manufacture of paints, varnishes and similar coatings, printing ink and mastics	9 921	376	77	4	46	94	10 518
Manufacture of pharmaceuticals, medicinal chemicals and botanical products	11 132	1 713	660	6	288	347	14 146
Manufacture of soap and detergents, perfumes and toilet preparations	17 873	1 413	1 422	3	167	238	21 116
Manufacture of other chemical products	14 260	523	37	9	53	282	15 164
Manufacture of rubber tyres and tubes and other rubber products; retreading of tyres	11 023	1 495	179	7	50	443	13 197
Manufacture of plastic products	28 318	1 800	131	21	170	452	30 892

Table 3 – Income in the manufacturing industry, 2008 (continued)

Type of manufacture	Sales of own manufactured goods	Other sales of goods	Services rendered	Sundry trading income	Interest received	Other income	Total income
	R million						
Division 34 - Glass and other non-metallic mineral products	42 395	2 402	1 054	51	521	2 127	48 550
Manufacture of glass and glass products and non-structural non-refractory ceramicware	8 358	644	156	7	166	1 008	10 339
Manufacture of refractory ceramic products	3 148	375	240	3	52	42	3 860
Manufacture of structural clay and ceramic products	5 167	772	167	14	95	336	6 551
Manufacture of cement, lime and plaster and articles of concrete, cement and plaster	23 256	405	395	23	177	659	24 915
Cutting and shaping of stone and manufacture of other non-metallic mineral products	2 466	206	96	4	31	82	2 885
Division 35 - Metals, metal products, machinery and equipment	267 231	11 387	20 625	495	2 115	9 753	311 606
Manufacture of basic iron and steel and of primary iron and steel products	79 848	286	948	219	648	5 556	87 505
Manufacture of basic precious and non-ferrous metals	55 111	556	927	40	507	1 151	58 292
Casting of iron and steel	2 399	4	17	0	6	166	2 592
Casting of non-ferrous metals	706	19	1	4	1	14	745
Manufacture of structural metal products	30 401	478	511	20	123	483	32 016
Manufacture of tanks, reservoirs and similar containers of metal	1 372	29	165	0	16	18	1 600
Manufacture of steam generators, except central heating water boilers	863	2	312	0	4	7	1 188
Forging, pressing, stamping and roll-forming of metal; powder metallurgy	2 174	0	38	0	31	43	2 286
Treatment and coating of metals; general mechanical engineering	5 664	207	5 431	4	53	44	11 403
Manufacture of cutlery, hand tools and general hardware	2 582	386	119	2	30	25	3 144
Manufacture of other fabricated metal products	24 725	1 072	869	38	106	538	27 348
Manufacture of pumps, compressors, taps and valves	5 798	825	1 734	20	43	213	8 633
Manufacture of bearings, gears, gearing and driving elements	1 378	102	353	2	19	24	1 878
Manufacture of agricultural and forestry machinery	1 655	419	282	0	16	56	2 428
Manufacture of machine tools	1 514	179	308	0	16	84	2 101
Manufacture of machinery for mining, quarrying and construction	12 465	1 898	1 997	11	75	448	16 894
Manufacture of machinery for food, beverage and tobacco processing	1 258	376	139	0	17	35	1 825
Manufacture of weapons and ammunition and other special purpose machinery	37 318	4 549	6 474	135	404	848	49 728

Table 3 – Income in the manufacturing industry, 2008 (concluded)

Type of manufacture	Sales of own manufactured goods	Other sales of goods	Services rendered	Sundry trading income	Interest received	Other income	Total income
	R million						
Division 36 - Electrical machinery and apparatus	28 244	2 202	3 057	27	375	381	34 286
Manufacture of electric motors, generators and transformers	4 385	229	2 632	1	78	96	7 421
Manufacture of electricity distribution and control apparatus	3 802	435	31	1	61	47	4 377
Manufacture of insulated wire and cable	9 766	9	6	1	64	74	9 920
Manufacture of accumulators, primary cells and batteries and lighting equipment	4 101	115	21	3	123	25	4 388
Manufacture of other electrical equipment	6 190	1 414	367	21	49	139	8 180
Division 37 - Telecommunication, medical and optical equipment and watches and clocks	9 211	2 010	1 270	3	75	304	12 873
Manufacture of electronic valves and tubes and other electronic components	1 818	78	50	0	12	25	1 983
Manufacture of television and radio transmitters and receivers, sound or video recording and line telephony apparatus	3 112	1 651	716	1	31	238	5 749
Manufacture of medical and surgical equipment and orthopaedic appliances	1 223	40	89	0	10	20	1 382
Manufacture of instruments and appliances for measuring, testing and navigating	2 304	167	382	2	16	10	2 881
Manufacture of industrial process control equipment	300	14	1	0	4	2	321
Manufacture of watches and clocks, optical instruments and photographic equipment	454	60	32	0	2	9	557
Division 38 - Transport equipment	169 380	53 870	8 584	97	2 768	11 997	246 696
Manufacture of motor vehicles	96 769	52 122	1 169	26	2 389	10 537	163 012
Manufacture of bodies (coachwork) for motor vehicles, trailers and semi-trailers	9 703	347	441	13	37	105	10 646
Manufacture of parts for motor vehicles, ships and boats and their engines	57 811	479	2 612	47	281	889	62 119
Manufacture of railway and tramway locomotives and rolling stock	4 004	600	935	10	42	248	5 839
Manufacture of aircraft	989	316	3 426	1	19	216	4 967
Manufacture of other transport equipment	104	6	1	0	0	2	113
Division 39 - Furniture, other manufacturing and recycling	48 992	2 108	835	41	450	7 306	59 732
Manufacture of furniture	10 731	495	96	3	74	238	11 637
Manufacture of jewellery and related articles	7 278	800	38	0	46	46	8 208
Other manufacturing, including manufacturing of tobacco and tobacco products	17 453	797	273	3	253	6 892	25 671
Recycling of waste and scrap	13 530	16	428	35	77	130	14 216
Total	1 256 046	122 555	63 003	11 363	12 323	61 212	1 526 502

Table 4 – Income by enterprise size in the manufacturing industry, 2008

Type of manufacture	Large enterprises	Medium enterprises	Small enterprises	Micro enterprises	Total income
	R million				
Division 30 - Food products and beverages	200 280	13 368	4 457	3 018	221 123
Division 31 - Textiles, clothing, leather and footwear	26 882	10 213	3 570	2 635	43 300
Division 32 - Wood, wood products, paper, publishing and printing	75 978	13 376	5 174	4 378	98 906
Division 33 - Coke, petroleum, chemical products, rubber and plastic	425 512	17 176	4 557	2 184	449 429
Division 34 - Glass and other non-metallic mineral products	39 068	6 007	1 836	1 640	48 551
Division 35 - Metals, metal products, machinery and equipment	236 596	42 787	17 296	14 925	311 604
Division 36 - Electrical machinery and apparatus	27 372	4 878	1 151	887	34 288
Division 37 - Telecommunication, medical and optical equipment and watches and clocks	8 646	2 515	813	898	12 872
Division 38 - Transport equipment	229 903	11 468	3 132	2 195	246 698
Division 39 - Furniture, tobacco, other manufacturing and recycling	43 935	7 867	4 073	3 856	59 731
Total	1 314 172	129 655	46 059	36 616	1 526 502

Table 5 – Concentration ratios for total income in the manufacturing industry, 2008

Type of manufacture	Total income	Income of 5 largest enterprises	Relative contribution of 5 largest enterprises	Income of 10 largest enterprises	Relative contribution of 10 largest enterprises	Income of 20 largest enterprises	Relative contribution of 20 largest enterprises
	R million	R million	%	R million	%	R million	%
Division 30 - Food products and beverages	221 123	66 500¹	30	87 821¹	40	118 375¹	54
Production, processing and preserving of meat and meat products	21 405	6 435	30	9 290	43	12 538	59
Processing and preserving of fish and fish products	6 346	4 290	68	5 057	80	5 590	88
Processing and preserving of fruit and vegetables	13 819	7 038	51	9 143	66	11 059	80
Manufacture of vegetable and animal oils and fats	8 334	4 911	59	7 204	86	8 152	98
Manufacture of dairy products	16 003	11 406	71	12 933	81	14 455	90
Manufacture of grain mill products	17 887	12 571	70	14 176	79	15 715	88
Manufacture of prepared animal feeds	19 714	14 234	72	16 152	82	17 679	90
Manufacture of bakery products, sugar, cocoa, chocolate and sugar confectionery	33 795	19 533	58	28 224	84	30 689	91
Manufacture of other food products	24 548	11 787	48	14 044	57	16 441	67
Manufacture of alcoholic and non-alcoholic beverages	59 272	47 232	80	50 873	86	53 386	90
Division 31 - Textiles, clothing, leather and footwear	43 301	7 504¹	17	10 122¹	23	13 565¹	31
Preparation and spinning of textile fibres and weaving and finishing of textiles	7 022	3 557	51	4 464	64	5 557	79
Manufacture of made-up textile articles, except apparel	7 636	4 089	54	4 896	64	5 600	73
Manufacture of carpets, rugs and mats	1 736	1 334	77	1 581	91	1 601	92
Manufacture of cordage, rope, twine and netting	315	209	66	268	85	290	92
Manufacture of other textiles	3 353	839	25	1 237	37	1 589	47
Manufacture of knitted and crocheted fabrics and articles	2 342	946	40	1 348	58	1 748	75
Manufacture of wearing apparel, except fur apparel	13 813	2 689	19	3 929	28	5 653	41
Dressing and dyeing of fur, articles of fur and tanning and dressing of leather	3 248	2 142	66	2 722	84	3 035	93
Manufacture of luggage, handbags and the like, saddlery and harness	947	137	14	226	24	318	34
Manufacture of footwear	2 889	1 185	41	1 633	57	2 158	75

¹ These figures reflect the income of the 5 (respectively 10 and 20) largest enterprises, and not the division totals.

Table 5 – Concentration ratios for total income in the manufacturing industry, 2008 (continued)

Type of manufacture	Total income	Income of 5 largest enterprises	Relative contribution of 5 largest enterprises	Income of 10 largest enterprises	Relative contribution of 10 largest enterprises	Income of 20 largest enterprises	Relative contribution of 20 largest enterprises
	R million	R million	%	R million	%	R million	%
Division 32 - Wood, wood products, paper, publishing and printing	98 906	29 507¹	30	40 303¹	41	51 123¹	52
Sawmilling and planing of wood	8 142	4 531	56	5 547	68	6 388	78
Manufacture of veneer sheets, plywood and other boards and carpentry and joinery	9 411	5 168	55	6 146	65	6 947	74
Manufacture of wooden containers	1 147	364	32	552	48	787	69
Manufacture of other products of wood, articles of cork, straw and plaiting materials	3 682	348	9	561	15	859	23
Manufacture of pulp, paper and paperboard and articles of paper and paperboard	43 057	27 315	63	31 607	73	34 567	80
Publishing of books, brochures, musical books and other publications	4 931	2 205	45	3 100	63	3 807	77
Publishing of newspapers, periodicals, recorded media and other publishing	13 762	9 552	69	10 542	77	11 391	83
Printing	13 213	4 091	31	5 222	40	6 457	49
Service activities related to printing	1 116	688	62	798	72	938	84
Reproduction of recorded media	445	n/a ²	n/a ²	n/a ²	n/a ²	n/a ²	n/a ²

¹ These figures reflect the income of the 5 (respectively 10 and 20) largest enterprises, and not the division totals.

² The number of reported enterprises is not sufficient for calculations of concentration ratios.

Table 5 – Concentration ratios for total income in the manufacturing industry, 2008 (continued)

Type of manufacture	Total income	Income of 5 largest enterprises	Relative contribution of 5 largest enterprises	Income of 10 largest enterprises	Relative contribution of 10 largest enterprises	Income of 20 largest enterprises	Relative contribution of 20 largest enterprises
	R million	R million	%	R million	%	R million	%
Division 33 - Coke, petroleum, chemical products, rubber and plastic	449 429	226 389¹	50	310 119¹	69	340 521¹	76
Manufacture of coke oven products	2 352	1 815	77	2 293	97	2 335	99
Manufacture of petrol, fuel oils and other petroleum/synthesised products	271 561	226 389	83	268 161	99	269 753	99
Manufacture of basic chemicals, except fertilisers and nitrogen compounds	21 296	10 556	50	14 162	67	18 023	85
Manufacture of fertilisers, nitrogen compounds, plastics and synthetic rubber	47 792	41 474	87	43 787	92	45 464	95
Manufacture of pesticides and other agro-chemical products	1 395	934	67	1 039	74	1 066	76
Manufacture of paints, varnishes and similar coatings, printing ink and mastics	10 518	3 342	32	4 743	45	6 286	60
Manufacture of pharmaceuticals, medicinal chemicals and botanical products	14 146	9 092	64	10 645	75	12 095	86
Manufacture of soap and detergents, perfumes and toilet preparations	21 116	12 723	60	15 625	74	18 269	87
Manufacture of other chemical products	15 164	9 473	62	11 145	73	12 902	85
Manufacture of rubber tyres and tubes and other rubber products; retreading of tyres	13 197	8 667	66	9 943	75	11 025	84
Manufacture of plastic products	30 892	4 233	14	6 292	20	9 359	30
Division 34 - Glass and other non-metallic mineral products	48 550	18 501¹	38	24 117¹	50	29 121¹	60
Manufacture of glass and glass products and non-structural ceramicware	10 339	7 935	77	8 431	82	8 839	85
Manufacture of refractory ceramic products	3 860	2 033	53	2 690	70	3 124	81
Manufacture of structural clay and ceramic products	6 551	3 716	57	4 438	68	5 125	78
Manufacture of cement, lime and plaster and articles of concrete, cement and plaster	24 915	14 287	57	16 654	67	18 289	73
Cutting and shaping of stone and manufacture of other non-metallic mineral products	2 885	895	31	1 349	47	1 848	64

¹ These figures reflect the income of the 5 (respectively 10 and 20) largest enterprises, and not the division totals.

Table 5 – Concentration ratios for total income in the manufacturing industry, 2008 (continued)

Type of manufacture	Total income	Income of 5 largest enterprises	Relative contribution of 5 largest enterprises	Income of 10 largest enterprises	Relative contribution of 10 largest enterprises	Income of 20 largest enterprises	Relative contribution of 20 largest enterprises
	R million	R million	%	R million	%	R million	%
Division 35 - Metals, metal products, machinery and equipment	311 606	84 678¹	27	112 671¹	36	141 839¹	46
Manufacture of basic iron and steel and of primary iron and steel products	87 505	61 543	70	72 732	83	78 340	90
Manufacture of basic precious and non-ferrous metals	58 292	43 089	74	48 915	84	52 809	91
Casting of iron and steel	2 592	1 752	68	2 068	80	2 375	92
Casting of non-ferrous metals	745	478	64	687	92	745	100
Manufacture of structural metal products	32 016	13 528	42	15 987	50	18 883	59
Manufacture of tanks, reservoirs and similar containers of metal	1 600	753	47	1 019	64	1 282	80
Manufacture of steam generators, except central heating water boilers	1 188	853	72	986	83	1 106	93
Forging, pressing, stamping and roll-forming of metal; powder metallurgy	2 286	1 310	57	1 840	80	2 226	97
Treatment and coating of metals; general mechanical engineering	11 403	692	6	1 193	10	1 865	16
Manufacture of cutlery, hand tools and general hardware	3 144	1 409	45	1 748	56	2 121	67
Manufacture of fabricated metal products	27 348	7 936	29	9 766	36	12 058	44
Manufacture of pumps, compressors, taps and valves	8 633	2 291	27	3 410	39	4 262	49
Manufacture of bearings, gears, gearing and driving elements	1 878	1 039	55	1 364	73	1 641	87
Manufacture of agricultural and forestry machinery	2 428	549	23	813	33	1 146	47
Manufacture of machine tools	2 101	680	32	1 004	48	1 326	63
Manufacture of machinery for mining, quarrying and construction	16 894	7 088	42	8 762	52	10 711	63
Manufacture of machinery for food, beverage and tobacco processing	1 825	969	53	1 290	71	1 509	83
Manufacture of weapons and ammunition and other special purpose machinery	49 728	13 064	26	16 468	33	19 160	39
Division 36 - Electrical machinery and apparatus	34 286	9 921¹	29	14 719¹	43	19 235¹	56
Manufacture of electric motors, generators and transformers	7 421	4 109	55	5 063	68	5 836	79
Manufacture of electricity distribution and control apparatus	4 377	1 727	39	2 304	53	2 924	67
Manufacture of insulated wire and cable	9 920	7 905	80	9 034	91	9 565	96
Manufacture of accumulators, primary cells and batteries and lighting equipment	4 388	2 764	63	3 190	73	3 662	83
Manufacture of other electrical equipment	8 180	3 250	40	4 391	54	5 663	69

¹ These figures reflect the income of the 5 (respectively 10 and 20) largest enterprises, and not the division totals.

Table 5 – Concentration ratios for total income in the manufacturing industry, 2008 (concluded)

Type of manufacture	Total income	Income of 5 largest enterprises	Relative contribution of 5 largest enterprises	Income of 10 largest enterprises	Relative contribution of 10 largest enterprises	Income of 20 largest enterprises	Relative contribution of 20 largest enterprises
	R million	R million	%	R million	%	R million	%
Division 37 - Telecommunication, medical and optical equipment and watches and clocks	12 873	4 197¹	33	5 463¹	42	7 056¹	55
Manufacture of electronic valves and tubes and other electronic components	1 983	996	50	1 361	69	1 695	85
Manufacture of television and radio transmitters and receivers, sound or video recording and line telephony apparatus	5 749	4 088	71	4 848	84	5 282	92
Manufacture of medical and surgical equipment and orthopaedic appliances	1 382	272	20	374	27	504	36
Manufacture of instruments and appliances for measuring, testing and navigating	2 881	1 153	40	1 774	62	2 153	75
Manufacture of industrial process control equipment	321	227	71	266	83	267	83
Manufacture of watches and clocks, optical instruments and photographic equipment	557	292	52	356	64	381	68
Division 38 - Transport equipment	246 696	129 692¹	53	164 050¹	66	186 761¹	76
Manufacture of motor vehicles	163 012	129 692	80	154 072	95	157 872	97
Manufacture of bodies (coachwork) for motor vehicles, trailers and semi-trailers	10 646	3 969	37	5 686	53	7 022	66
Manufacture of parts for motor vehicles, ships and boats and their engines	62 119	21 914	35	30 597	49	38 901	63
Manufacture of railway and tramway locomotives and rolling stock	5 839	4 022	69	5 004	86	5 624	96
Manufacture of aircraft	4 967	3 735	75	4 275	86	4 536	91
Manufacture of other transport equipment	113	n/a ²	n/a ²	n/a ²	n/a ²	n/a ²	n/a ²
Division 39 - Furniture, other manufacturing and recycling	59 732	13 480¹	23	15 755¹	26	18 600¹	31
Manufacture of furniture	11 637	2 994	26	3 695	32	4 604	40
Manufacture of jewellery and related articles	8 208	3 237	39	4 744	58	6 586	80
Other manufacturing, including manufacturing of tobacco and tobacco products	25 671	16 765	65	17 732	69	18 525	72
Recycling of waste and scrap	14 216	10 772	76	11 676	82	12 752	90
All enterprises	1 526 502	229 392¹	15	381 294¹	25	554 864¹	36

¹ These figures reflect the income of the 5 (respectively 10 and 20) largest enterprises, and not the division totals.

² The number of reported enterprises is not sufficient for calculations of concentration ratios.

Table 6 – Expenditure in the manufacturing industry, 2008 (Part I)

Type of manufacture	Purchases	Salaries and wages	Containers and packaging	Railage and transport out	Depreciation	Interest paid	Sub-contracting
	R million						
Division 30 - Food products and beverages	115 307	20 353	13 240	6 855	4 265	4 293	1 544
Production, processing and preserving of meat and meat products	15 477	1 802	517	556	261	234	119
Processing and preserving of fish and fish products	3 178	758	299	179	133	94	12
Processing and preserving of fruit and vegetables	7 086	1 521	1 555	531	305	286	18
Manufacture of vegetable and animal oils and fats	6 883	270	361	137	85	132	12
Manufacture of dairy products	7 999	1 916	1 527	659	299	309	97
Manufacture of grain mill products	12 285	1 038	852	774	315	278	9
Manufacture of prepared animal feeds	12 731	1 287	273	452	301	137	75
Manufacture of bakery products, sugar, cocoa, chocolate and sugar confectionery	17 513	3 682	1 251	755	706	841	446
Manufacture of other food products	12 449	3 070	1 954	924	479	457	344
Manufacture of alcoholic and non-alcoholic beverages	19 706	5 009	4 651	1 888	1 381	1 525	412
Division 31 - Textiles, clothing, leather and footwear	25 451	8 069	325	883	907	814	371
Preparation and spinning of textile fibres and weaving and finishing of textiles	4 444	1 388	52	276	172	181	18
Manufacture of made-up textile articles, except apparel	4 288	1 217	56	114	119	135	3
Manufacture of carpets, rugs and mats	955	308	8	48	64	25	2
Manufacture of cordage, rope, twine and netting	171	56	1	11	9	2	3
Manufacture of other textiles	1 953	630	27	28	92	49	6
Manufacture of knitted and crocheted fabrics and articles	1 264	516	20	37	63	36	4
Manufacture of wearing apparel, except fur apparel	8 194	2 667	109	297	265	279	316
Dressing and dyeing of fur, articles of fur and tanning and dressing of leather	2 212	416	19	30	55	67	1
Manufacture of luggage, handbags and the like, saddlery and harness	481	258	4	6	34	12	5
Manufacture of footwear	1 489	613	29	36	34	28	13

Table 6 – Expenditure in the manufacturing industry, 2008 (Part I) (continued)

Type of manufacture	Purchases	Salaries and wages	Containers and packaging	Railage and transport out	Depreciation	Interest paid	Sub-contracting
	R million						
Division 32 - Wood, wood products, paper, publishing and printing	43 965	16 848	819	3 735	3 489	2 483	2 917
Sawmilling and planing of wood	4 302	983	22	180	186	247	125
Manufacture of veneer sheets, plywood and other boards and carpentry and joinery	4 913	1 531	38	224	211	287	73
Manufacture of wooden containers	799	138	0	10	15	7	2
Manufacture of other products of wood, articles of cork, straw and plaiting materials	1 895	779	5	5	91	13	184
Manufacture of pulp, paper and paperboard and articles of paper and paperboard	20 333	6 104	666	2 783	1 835	1 241	226
Publishing of books, brochures, musical books and other publications	766	791	7	73	66	50	829
Publishing of newspapers, periodicals, recorded media and other publishing	4 084	3 293	13	359	472	347	1 360
Printing	6 081	2 937	40	90	539	256	81
Service activities related to printing	656	210	3	10	49	13	21
Reproduction of recorded media	136	82	25	1	25	22	16
Division 33 - Coke, petroleum, chemical products, rubber and plastic	298 209	26 401	10 826	5 586	6 701	5 748	1 778
Manufacture of coke oven products	1 449	207	6	89	42	6	15
Manufacture of petrol, fuel oils and other petroleum/synthesised products	196 343	4 898	7 311	2 098	2 080	1 482	837
Manufacture of basic chemicals, except fertilisers and nitrogen compounds	9 706	2 806	210	634	696	464	117
Manufacture of fertilisers, nitrogen compounds, plastics and synthetic rubber	33 996	3 778	152	185	1 291	2 134	213
Manufacture of pesticides and other agro-chemical products	987	114	28	26	19	27	3
Manufacture of paints, varnishes and similar coatings, printing ink and mastics	6 100	1 389	326	139	159	67	31
Manufacture of pharmaceuticals, medicinal chemicals and botanical products	5 625	2 127	636	61	288	342	17
Manufacture of soap and detergents, perfumes and toilet preparations	9 394	2 359	1 721	1 002	347	193	366
Manufacture of other chemical products	8 394	2 063	156	373	350	277	31
Manufacture of rubber tyres and tubes and other rubber products; retreading of tyres	8 081	2 021	40	342	325	192	87
Manufacture of plastic products	18 134	4 639	240	637	1 104	564	61

Table 6 – Expenditure in the manufacturing industry, 2008 (Part I) (continued)

Type of manufacture	Purchases	Salaries and wages	Containers and packaging	Railage and transport out	Depreciation	Interest paid	Sub-contracting
	R million						
Division 34 - Glass and other non-metallic mineral products	20 499	6 122	983	2 271	1 637	2 021	784
Manufacture of glass and glass products and non-structural non-refractory ceramicware	3 963	1 630	130	351	550	805	43
Manufacture of refractory ceramic products	2 228	667	35	66	58	36	30
Manufacture of structural non-refractory clay and ceramic products	2 503	999	113	246	271	91	43
Manufacture of cement, lime and plaster and articles of concrete, cement and plaster	10 373	2 413	657	1 573	689	1 052	518
Cutting and shaping of stone and manufacture of other non-metallic mineral products	1 432	413	48	35	69	37	150
Division 35 - Metals, metal products, machinery and equipment	185 387	37 584	558	3 704	6 236	4 241	2 392
Manufacture of basic iron and steel and of primary iron and steel products	44 544	7 326	166	2 332	2 248	1 370	361
Manufacture of basic precious and non-ferrous metals	40 731	2 696	29	133	1 130	783	349
Casting of iron and steel	1 581	591	1	43	43	35	6
Casting of non-ferrous metals	456	149	3	6	21	10	2
Manufacture of structural metal products	21 660	3 534	36	197	337	493	545
Manufacture of tanks, reservoirs and similar containers of metal	964	265	1	6	21	6	22
Manufacture of steam generators, except central heating water boilers	871	224	0	2	13	5	14
Forging, pressing, stamping and roll-forming of metal; powder metallurgy	1 561	445	3	17	54	33	12
Treatment and coating of metals; general mechanical engineering	5 669	2 603	4	36	349	137	72
Manufacture of cutlery, hand tools and general hardware	1 593	659	9	28	78	40	9
Manufacture of other fabricated metal products	16 229	4 128	109	378	578	366	96
Manufacture of pumps, compressors, taps and valves	4 389	1 865	14	48	155	96	32
Manufacture of bearings, gears, gearing and driving elements	938	310	1	14	29	7	19
Manufacture of agricultural and forestry machinery	1 564	338	4	20	53	15	0
Manufacture of machine tools	1 191	493	6	18	76	22	6
Manufacture of machinery for mining, quarrying and construction	9 935	2 867	102	99	207	101	396
Manufacture of machinery for food, beverage and tobacco processing	1 156	256	5	25	19	17	21
Manufacture of weapons and ammunition and other special purpose machinery	30 355	8 835	65	302	825	705	430

Table 6 – Expenditure in the manufacturing industry, 2008 (Part I) (continued)

Type of manufacture	Purchases	Salaries and wages	Containers and packaging	Railage and transport out	Depreciation	Interest paid	Sub-contracting
	R million						
Division 36 - Electrical machinery and apparatus	20 812	5 232	136	266	561	390	301
Manufacture of electric motors, generators and transformers	4 056	1 635	7	50	94	28	176
Manufacture of electricity distribution and control apparatus	2 646	555	13	21	75	29	28
Manufacture of insulated wire and cable	7 108	824	94	81	103	111	2
Manufacture of accumulators, primary cells and batteries and lighting equipment	2 277	799	2	41	75	93	34
Manufacture of other electrical equipment	4 725	1 419	20	73	214	129	61
Division 37 - Telecommunication, medical and optical equipment and watches and clocks	7 418	2 570	26	81	219	148	173
Manufacture of electronic valves and tubes and other electronic components	1 140	351	1	12	51	17	52
Manufacture of television and radio transmitters and receivers, sound or video recording and line telephony apparatus	3 551	1 084	16	46	53	78	103
Manufacture of medical and surgical equipment and orthopaedic appliances	646	341	7	1	47	4	1
Manufacture of instruments and appliances for measuring, testing and navigating	1 640	551	2	16	44	24	14
Manufacture of industrial process control equipment	172	73	0	0	2	2	3
Manufacture of watches and clocks, optical instruments and photographic equipment	269	170	0	6	22	23	0

Table 6 – Expenditure in the manufacturing industry, 2008 (Part I) (concluded)

Type of manufacture	Purchases	Salaries and wages	Containers and packaging	Railage and transport out	Depreciation	Interest paid	Sub-contracting
	R million						
Division 38 - Transport equipment	187 897	17 169	201	1 083	4 090	3 665	524
Manufacture of motor vehicles	127 422	7 623	55	643	2 808	2 713	331
Manufacture of bodies (coachwork) for motor vehicles, trailers and semi-trailers	7 744	1 258	2	33	126	92	39
Manufacture of parts for motor vehicles, ships and boats and their engines	46 360	6 003	137	380	957	631	125
Manufacture of railway and tramway locomotives and rolling stock	3 646	929	6	12	62	73	17
Manufacture of aircraft	2 663	1 333	0	14	131	155	12
Manufacture of other transport equipment	62	23	1	1	6	1	0
Division 39 - Furniture, other manufacturing and recycling	29 824	6 335	231	1 263	997	1 770	384
Manufacture of furniture	6 018	2 315	48	495	289	180	50
Manufacture of jewellery and related articles	6 563	566	4	6	83	126	46
Other manufacturing, including manufacturing of tobacco and tobacco products	7 223	2 637	168	106	442	1 173	127
Recycling of waste and scrap	10 020	817	11	656	183	291	161
Total	934 769	146 683	27 345	25 727	29 102	25 573	11 168

Table 6 – Expenditure in the manufacturing industry, 2008 (Part II)

Type of manufacture	Repairs and maintenance	Advertising	Customs and excise duties	Utilities and property tax	Rental of land and buildings	Vehicle running costs	Royalties
	R million						
Division 30 - Food products and beverages	2 770	4 333	8 612	1 692	1 115	1 783	1 364
Production, processing and preserving of meat and meat products	187	77	43	170	119	211	71
Processing and preserving of fish and fish products	152	81	21	66	23	23	45
Processing and preserving of fruit and vegetables	211	256	9	116	83	96	62
Manufacture of vegetable and animal oils and fats	67	37	48	42	7	30	4
Manufacture of dairy products	180	178	10	206	88	154	166
Manufacture of grain mill products	239	210	23	163	97	217	99
Manufacture of prepared animal feeds	251	138	67	154	21	81	10
Manufacture of bakery products, sugar, cocoa, chocolate and sugar confectionery	553	558	41	295	273	254	322
Manufacture of other food products	172	675	29	190	204	230	273
Manufacture of alcoholic and non-alcoholic beverages	758	2 123	8 321	290	200	487	312
Division 31 - Textiles, clothing, leather and footwear	344	201	152	338	643	198	119
Preparation and spinning of textile fibres and weaving and finishing of textiles	85	7	4	111	81	22	4
Manufacture of made-up textile articles, except apparel	35	24	4	25	96	32	17
Manufacture of carpets, rugs and mats	34	33	2	22	23	8	21
Manufacture of cordage, rope, twine and netting	4	5	0	2	6	3	0
Manufacture of other textiles	30	8	7	33	61	33	1
Manufacture of knitted and crocheted fabrics and articles	33	13	5	30	63	14	1
Manufacture of wearing apparel, except fur apparel	67	61	95	67	224	50	64
Dressing and dyeing of fur, articles of fur and tanning and dressing of leather	23	11	0	25	15	8	1
Manufacture of luggage, handbags and the like, saddlery and harness	8	6	2	5	31	14	0
Manufacture of footwear	25	33	33	18	43	14	10

Table 6 – Expenditure in the manufacturing industry, 2008 (Part II) (continued)

Type of manufacture	Repairs and maintenance	Advertising	Customs and excise duties	Utilities and property tax	Rental of land and buildings	Vehicle running costs	Royalties
	R million						
Division 32 - Wood, wood products, paper, publishing and printing	2 508	761	102	929	981	705	443
Sawmilling and planing of wood	150	35	3	54	49	162	0
Manufacture of veneer sheets, plywood and other boards and carpentry and joinery	212	30	57	143	80	130	0
Manufacture of wooden containers	14	1	0	4	11	15	0
Manufacture of other products of wood, articles of cork, straw and plaiting materials	24	10	8	21	90	88	0
Manufacture of pulp, paper and paperboard and articles of paper and paperboard	1 813	180	19	577	276	128	42
Publishing of books, brochures, musical books and other publications	34	141	7	22	64	26	265
Publishing of newspapers, periodicals, recorded media and other publishing	41	315	2	19	184	30	68
Printing	202	46	0	81	193	116	57
Service activities related to printing	11	3	0	3	18	7	2
Reproduction of recorded media	7	0	6	5	16	3	9
Division 33 - Coke, petroleum, chemical products, rubber and plastic	5 550	5 014	10 195	2 582	1 516	1 027	1 301
Manufacture of coke oven products	49	3	0	23	1	21	1
Manufacture of petrol, fuel oils and other petroleum/synthesised products	2 469	204	10 038	1 323	258	101	34
Manufacture of basic chemicals, except fertilisers and nitrogen compounds	359	146	10	293	101	153	147
Manufacture of fertilisers, nitrogen compounds, plastics and synthetic rubber	1 361	2 154	3	152	174	26	26
Manufacture of pesticides and other agro-chemical products	6	3	0	5	13	4	17
Manufacture of paints, varnishes and similar coatings, printing ink and mastics	69	114	4	43	108	101	81
Manufacture of pharmaceuticals, medicinal chemicals and botanical products	104	388	2	39	101	147	551
Manufacture of soap and detergents, perfumes and toilet preparations	164	1 722	60	142	158	97	183
Manufacture of other chemical products	328	83	1	90	63	81	130
Manufacture of rubber tyres and tubes and other rubber products; retreading of tyres	256	105	23	102	80	62	77
Manufacture of plastic products	385	92	54	370	459	234	54

Table 6 – Expenditure in the manufacturing industry, 2008 (Part II) (continued)

Type of manufacture	Repairs and maintenance	Advertising	Customs and excise duties	Utilities and property tax	Rental of land and buildings	Vehicle running costs	Royalties
	R million						
Division 34 - Glass and other non-metallic mineral products	782	105	38	537	290	428	206
Manufacture of glass and glass products and non-structural non-refractory ceramicware	173	19	27	247	58	34	18
Manufacture of refractory ceramic products	80	4	0	24	48	43	39
Manufacture of structural non-refractory clay and ceramic products	182	21	0	94	36	73	5
Manufacture of cement, lime and plaster and articles of concrete, cement and plaster	308	53	4	143	112	236	140
Cutting and shaping of stone and manufacture of other non-metallic mineral products	39	8	7	29	36	42	4
Division 35 - Metals, metal products, machinery and equipment	4 894	649	112	2 853	2 681	1 804	379
Manufacture of basic iron and steel and of primary iron and steel products	3 247	54	2	1 513	873	194	37
Manufacture of basic precious and non-ferrous metals	353	29	22	266	131	82	7
Casting of iron and steel	35	7	0	35	16	12	0
Casting of non-ferrous metals	14	3	0	12	5	5	0
Manufacture of structural metal products	181	92	2	91	287	297	22
Manufacture of tanks, reservoirs and similar containers of metal	13	2	0	4	16	13	0
Manufacture of steam generators, except central heating water boilers	15	3	0	7	8	22	0
Forging, pressing, stamping and roll-forming of metal; powder metallurgy	38	2	3	40	25	7	0
Treatment and coating of metals; general mechanical engineering	84	27	1	172	233	177	4
Manufacture of cutlery, hand tools and general hardware	49	24	10	29	45	23	12
Manufacture of other fabricated metal products	260	116	11	176	269	206	30
Manufacture of pumps, compressors, taps and valves	77	22	2	44	93	154	49
Manufacture of bearings, gears, gearing and driving elements	18	8	2	96	15	19	1
Manufacture of agricultural and forestry machinery	11	14	9	13	31	22	0
Manufacture of machine tools	22	7	1	11	29	22	1
Manufacture of machinery for mining, quarrying and construction	151	22	7	95	132	129	52
Manufacture of machinery for food, beverage and tobacco processing	9	3	0	6	26	20	0
Manufacture of weapons and ammunition and other special purpose machinery	317	214	40	245	447	400	164

Table 6 – Expenditure in the manufacturing industry, 2008 (Part II) (continued)

Type of manufacture	Repairs and maintenance	Advertising	Customs and excise duties	Utilities and property tax	Rental of land and buildings	Vehicle running costs	Royalties
	R million						
Division 36 - Electrical machinery and apparatus	322	170	44	156	209	212	122
Manufacture of electric motors, generators and transformers	65	13	7	30	45	43	28
Manufacture of electricity distribution and control apparatus	50	20	17	32	39	27	6
Manufacture of insulated wire and cable	78	12	0	23	22	22	1
Manufacture of accumulators, primary cells and batteries and lighting equipment	43	84	3	24	35	70	7
Manufacture of other electrical equipment	86	41	17	47	68	50	80
Division 37 - Telecommunication, medical and optical equipment and watches and clocks	94	73	23	43	177	78	36
Manufacture of electronic valves and tubes and other electronic components	8	6	0	3	21	7	0
Manufacture of television and radio transmitters and receivers, sound or video recording and line telephony apparatus	47	48	10	17	69	13	30
Manufacture of medical and surgical equipment and orthopaedic appliances	9	3	10	7	19	16	0
Manufacture of instruments and appliances for measuring, testing and navigating	22	11	3	12	35	35	6
Manufacture of industrial process control equipment	1	1	0	1	2	3	0
Manufacture of watches and clocks, optical instruments and photographic equipment	7	4	0	3	31	4	0

Table 6 – Expenditure in the manufacturing industry, 2008 (Part II) (concluded)

Type of manufacture	Repairs and maintenance	Advertising	Customs and excise duties	Utilities and property tax	Rental of land and buildings	Vehicle running costs	Royalties
	R million						
Division 38 - Transport equipment	994	1 212	4 806	623	763	685	3 191
Manufacture of motor vehicles	390	1 115	4 768	301	215	340	2 328
Manufacture of bodies (coachwork) for motor vehicles, trailers and semi-trailers	71	18	2	31	106	59	3
Manufacture of parts for motor vehicles, ships and boats and their engines	405	63	31	238	339	181	840
Manufacture of railway and tramway locomotives and rolling stock	57	8	4	23	71	20	20
Manufacture of aircraft	70	7	1	29	30	84	0
Manufacture of other transport equipment	1	1	0	1	2	1	0
Division 39 - Furniture, other manufacturing and recycling	432	543	6 726	262	626	487	107
Manufacture of furniture	103	125	10	105	256	183	59
Manufacture of jewellery and related articles	31	29	3	20	78	24	0
Other manufacturing, including manufacturing of tobacco and tobacco products	148	371	6 707	72	239	173	46
Recycling of waste and scrap	150	18	6	65	53	107	2
Total	18 690	13 061	30 810	10 017	9 001	7 407	7 268

Table 6 – Expenditure in the manufacturing industry, 2008 (Part III)

Type of manufacture	Losses on sale or revaluation of assets	Rental of plant and machinery	Insurance	Payments to labour brokers	Losses on foreign exchange transactions	Tele-communications	Travelling
	R million						
Division 30 - Food products and beverages	1 287	1 266	691	500	271	412	557
Production, processing and preserving of meat and meat products	16	38	55	44	7	28	20
Processing and preserving of fish and fish products	5	18	37	26	24	13	8
Processing and preserving of fruit and vegetables	20	118	45	34	42	23	45
Manufacture of vegetable and animal oils and fats	9	30	16	11	41	8	6
Manufacture of dairy products	37	375	32	111	11	17	41
Manufacture of grain mill products	76	104	79	16	19	23	25
Manufacture of prepared animal feeds	21	54	40	85	4	28	79
Manufacture of bakery products, sugar, cocoa, chocolate and sugar confectionery	972	159	136	69	71	59	80
Manufacture of other food products	41	88	87	73	38	75	123
Manufacture of alcoholic and non-alcoholic beverages	90	282	164	31	14	138	130
Division 31 - Textiles, clothing, leather and footwear	165	159	195	94	113	144	132
Preparation and spinning of textile fibres and weaving and finishing of textiles	34	13	29	13	32	13	11
Manufacture of made-up textile articles, except apparel	37	16	29	39	16	26	18
Manufacture of carpets, rugs and mats	4	57	12	1	11	8	9
Manufacture of cordage, rope, twine and netting	1	1	2	0	1	2	1
Manufacture of other textiles	3	26	23	3	3	20	10
Manufacture of knitted and crocheted fabrics and articles	3	4	20	6	2	9	11
Manufacture of wearing apparel, except fur apparel	32	36	47	28	33	40	50
Dressing and dyeing of fur, articles of fur and tanning and dressing of leather	46	1	9	4	8	6	6
Manufacture of luggage, handbags and the like, saddlery and harness	3	1	10	0	3	10	6
Manufacture of footwear	2	4	14	0	4	10	10

Table 6 – Expenditure in the manufacturing industry, 2008 (Part III) (continued)

Type of manufacture	Losses on sale or revaluation of assets	Rental of plant and machinery	Insurance	Payments to labour brokers	Losses on foreign exchange transactions	Tele-communications	Travelling
	R million						
Division 32 - Wood, wood products, paper, publishing and printing	477	518	333	672	82	367	251
Sawmilling and planing of wood	13	24	38	120	2	15	7
Manufacture of veneer sheets, plywood and other boards and carpentry and joinery	9	27	42	68	10	45	24
Manufacture of wooden containers	3	11	7	7	0	4	1
Manufacture of other products of wood, articles of cork, straw and plaiting materials	19	13	36	1	0	24	8
Manufacture of pulp, paper and paperboard and articles of paper and paperboard	243	241	95	284	58	89	89
Publishing of books, brochures, musical books and other publications	46	27	15	119	4	59	56
Publishing of newspapers, periodicals, recorded media and other publishing	81	36	15	6	1	42	34
Printing	56	131	76	61	4	79	25
Service activities related to printing	4	7	7	0	1	8	7
Reproduction of recorded media	3	1	2	6	2	2	0

Table 6 – Expenditure in the manufacturing industry, 2008 (Part III) (continued)

Type of manufacture	Losses on sale or revaluation of assets	Rental of plant and machinery	Insurance	Payments to labour brokers	Losses on foreign exchange transactions	Tele-communications	Travelling
	R million						
Division 33 - Coke, petroleum, chemical products, rubber and plastic	2 635	946	1 090	541	518	543	609
Manufacture of coke oven products	4	33	6	9	1	5	8
Manufacture of petrol, fuel oils and other petroleum/synthesised products	2 290	272	276	88	92	83	144
Manufacture of basic chemicals, except fertilisers and nitrogen compounds	23	175	73	68	59	59	60
Manufacture of fertilisers, nitrogen compounds, plastics and synthetic rubber	33	56	309	24	91	75	42
Manufacture of pesticides and other agro-chemical products	1	1	6	2	0	3	5
Manufacture of paints, varnishes and similar coatings, printing ink and mastics	27	72	60	17	7	38	37
Manufacture of pharmaceuticals, medicinal chemicals and botanical products	117	51	20	8	20	18	19
Manufacture of soap and detergents, perfumes and toilet preparations	14	36	54	103	44	71	132
Manufacture of other chemical products	25	53	50	34	94	53	46
Manufacture of rubber tyres and tubes and other rubber products; retreading of tyres	31	54	44	41	38	30	25
Manufacture of plastic products	70	143	192	147	72	108	91
Division 34 - Glass and other non-metallic mineral products	64	382	150	227	1 088	134	100
Manufacture of glass and glass products and non-structural non-refractory ceramicware	6	19	30	42	995	21	24
Manufacture of refractory ceramic products	7	15	15	15	71	13	13
Manufacture of structural non-refractory clay and ceramic products	27	106	23	26	12	23	13
Manufacture of cement, lime and plaster and articles of concrete, cement and plaster	19	214	66	62	8	60	39
Cutting and shaping of stone and manufacture of other non-metallic mineral products	5	28	16	82	2	17	11

Table 6 – Expenditure in the manufacturing industry, 2008 (Part III) (continued)

Type of manufacture	Losses on sale or revaluation of assets	Rental of plant and machinery	Insurance	Payments to labour brokers	Losses on foreign exchange transactions	Tele-communications	Travelling
	R million						
Division 35 - Metals, metal products, machinery and equipment	1 234	961	1 266	1 168	873	823	512
Manufacture of basic iron and steel and of primary iron and steel products	60	295	286	351	412	82	70
Manufacture of basic precious and non-ferrous metals	366	48	115	16	192	72	26
Casting of iron and steel	25	8	7	8	5	4	4
Casting of non-ferrous metals	1	2	4	0	0	2	3
Manufacture of structural metal products	72	97	133	148	5	80	47
Manufacture of tanks, reservoirs and similar containers of metal	2	11	6	7	4	6	4
Manufacture of steam generators, except central heating water boilers	1	2	6	2	0	6	3
Forging, pressing, stamping and roll-forming of metal; powder metallurgy	34	10	10	0	0	4	2
Treatment and coating of metals; general mechanical engineering	13	55	136	104	1	89	17
Manufacture of cutlery, hand tools and general hardware	11	13	19	9	13	16	14
Manufacture of other fabricated metal products	36	148	124	195	40	88	52
Manufacture of pumps, compressors, taps and valves	8	31	66	83	12	62	38
Manufacture of bearings, gears, gearing and driving elements	2	9	8	1	11	17	8
Manufacture of agricultural and forestry machinery	0	2	16	15	3	13	5
Manufacture of machine tools	2	4	12	0	4	10	5
Manufacture of machinery for mining, quarrying and construction	330	58	68	93	35	58	34
Manufacture of machinery for food, beverage and tobacco processing	4	2	7	0	1	7	5
Manufacture of weapons and ammunition and other special purpose machinery	267	166	243	136	135	207	175

Table 6 – Expenditure in the manufacturing industry, 2008 (Part III) (continued)

Type of manufacture	Losses on sale or revaluation of assets	Rental of plant and machinery	Insurance	Payments to labour brokers	Losses on foreign exchange transactions	Tele-communications	Travelling
	R million						
Division 36 - Electrical machinery and apparatus	60	93	120	67	59	105	91
Manufacture of electric motors, generators and transformers	18	18	26	12	17	17	18
Manufacture of electricity distribution and control apparatus	10	8	24	17	1	18	16
Manufacture of insulated wire and cable	4	26	18	8	11	8	13
Manufacture of accumulators, primary cells and batteries and lighting equipment	8	9	20	2	6	22	16
Manufacture of other electrical equipment	20	32	32	28	24	40	28
Division 37 - Telecommunication, medical and optical equipment and watches and clocks	42	39	64	52	201	72	95
Manufacture of electronic valves and tubes and other electronic components	32	6	7	8	5	9	9
Manufacture of television and radio transmitters and receivers, sound or video recording and line telephony apparatus	3	14	28	14	170	22	43
Manufacture of medical and surgical equipment and orthopaedic appliances	2	10	9	6	3	11	6
Manufacture of instruments and appliances for measuring, testing and navigating	1	7	13	24	20	18	25
Manufacture of industrial process control equipment	0	2	2	0	0	4	4
Manufacture of watches and clocks, optical instruments and photographic equipment	4	0	5	0	3	8	8

Table 6 – Expenditure in the manufacturing industry, 2008 (Part III) (concluded)

Type of manufacture	Losses on sale or revaluation of assets	Rental of plant and machinery	Insurance	Payments to labour brokers	Losses on foreign exchange transactions	Tele-communications	Travelling
R million							
Division 38 - Transport equipment	585	499	483	955	860	307	398
Manufacture of motor vehicles	346	196	262	480	585	118	261
Manufacture of bodies (coachwork) for motor vehicles, trailers and semi-trailers	10	36	35	142	5	30	18
Manufacture of parts for motor vehicles, ships and boats and their engines	226	170	155	274	175	134	110
Manufacture of railway and tramway locomotives and rolling stock	1	25	10	17	49	7	10
Manufacture of aircraft	2	72	20	48	5	17	6
Manufacture of other transport equipment	0	0	1	2	1	1	0
Division 39 - Furniture, other manufacturing and recycling	169	196	219	206	74	196	218
Manufacture of furniture	34	48	100	20	4	67	44
Manufacture of jewellery and related articles	5	7	23	14	36	23	19
Other manufacturing, including manufacturing of tobacco and tobacco products	91	71	77	78	10	93	141
Recycling of waste and scrap	39	70	19	94	24	13	14
Total	6 718	5 059	4 611	4 490	4 099	3 103	2 970

Table 6 – Expenditure in the manufacturing industry 2008, (Part IV)

Type of manufacture	Research and development	Computer expenditure	Security	Paper, printing and stationery	Entertainment	Banking	Training
	R million						
Division 30 - Food products and beverages	251	508	397	197	125	301	268
Production, processing and preserving of meat and meat products	3	11	32	12	7	55	5
Processing and preserving of fish and fish products	3	21	16	6	9	7	8
Processing and preserving of fruit and vegetables	15	30	25	14	8	12	14
Manufacture of vegetable and animal oils and fats	1	3	7	2	1	5	2
Manufacture of dairy products	17	6	35	23	5	10	15
Manufacture of grain mill products	7	29	57	25	9	15	16
Manufacture of prepared animal feeds	10	28	26	10	5	10	13
Manufacture of bakery products, sugar, cocoa, chocolate and sugar confectionery	40	66	55	29	13	59	26
Manufacture of other food products	88	36	26	25	14	39	30
Manufacture of alcoholic and non-alcoholic beverages	67	278	118	51	54	89	139
Division 31 - Textiles, clothing, leather and footwear	32	88	70	65	34	97	25
Preparation and spinning of textile fibres and weaving and finishing of textiles	1	5	16	5	2	15	6
Manufacture of made-up textile articles, except apparel	3	9	9	11	3	14	6
Manufacture of carpets, rugs and mats	4	3	5	3	2	3	2
Manufacture of cordage, rope, twine and netting	0	1	1	1	1	1	0
Manufacture of other textiles	10	9	5	8	6	11	2
Manufacture of knitted and crocheted fabrics and articles	0	5	5	4	1	6	1
Manufacture of wearing apparel, except fur apparel	6	47	17	22	10	29	6
Dressing and dyeing of fur, articles of fur and tanning and dressing of leather	4	2	4	3	1	4	1
Manufacture of luggage, handbags and the like, saddlery and harness	0	2	2	3	5	6	0
Manufacture of footwear	4	5	6	5	3	8	1

Table 6 – Expenditure in the manufacturing industry, 2008 (Part IV) (continued)

Type of manufacture	Research and development	Computer expenditure	Security	Paper, printing and stationery	Entertainment	Banking	Training
	R million						
Division 32 - Wood, wood products, paper, publishing and printing	67	191	151	389	94	95	66
Sawmilling and planing of wood	4	4	10	6	3	7	4
Manufacture of veneer sheets, plywood and other boards and carpentry and joinery	1	11	30	9	11	14	11
Manufacture of wooden containers	0	2	2	1	1	2	0
Manufacture of other products of wood, articles of cork, straw and plaiting materials	1	10	8	11	14	10	1
Manufacture of pulp, paper and paperboard and articles of paper and paperboard	27	73	53	33	17	23	23
Publishing of books, brochures, musical books and other publications	8	40	16	27	9	7	8
Publishing of newspapers, periodicals, recorded media and other publishing	22	23	2	248	14	10	5
Printing	1	24	24	51	22	19	12
Service activities related to printing	3	2	3	2	2	2	1
Reproduction of recorded media	0	2	3	1	1	1	1

Table 6 – Expenditure in the manufacturing industry, 2008 (Part IV) (continued)

Type of manufacture	Research and development	Computer expenditure	Security	Paper, printing and stationery	Entertainment	Banking	Training
	R million						
Division 33 - Coke, petroleum, chemical products, rubber and plastic	922	320	342	286	160	187	215
Manufacture of coke oven products	0	2	5	2	2	1	2
Manufacture of petrol, fuel oils and other petroleum/synthesised products	559	102	98	69	35	17	91
Manufacture of basic chemicals, except fertilisers and nitrogen compounds	130	64	40	38	15	12	13
Manufacture of fertilisers, nitrogen compounds, plastics and synthetic rubber	13	17	22	23	5	13	31
Manufacture of pesticides and other agro-chemical products	3	1	2	1	1	2	1
Manufacture of paints, varnishes and similar coatings, printing ink and mastics	17	12	20	17	13	47	8
Manufacture of pharmaceuticals, medicinal chemicals and botanical products	15	9	10	9	5	10	5
Manufacture of soap and detergents, perfumes and toilet preparations	155	27	54	33	15	20	25
Manufacture of other chemical products	17	34	16	31	29	11	9
Manufacture of rubber tyres and tubes and other rubber products; retreading of tyres	5	13	10	13	8	12	5
Manufacture of plastic products	8	39	65	50	32	42	25
Division 34 - Glass and other non-metallic mineral products	18	73	81	39	35	233	34
Manufacture of glass and glass products and non-structural non-refractory ceramicware	3	20	12	8	6	6	8
Manufacture of refractory ceramic products	2	5	5	4	4	4	4
Manufacture of structural non-refractory clay and ceramic products	1	7	20	8	4	14	7
Manufacture of cement, lime and plaster and articles of concrete, cement and plaster	11	34	35	14	17	202	13
Cutting and shaping of stone and manufacture of other non-metallic mineral products	1	7	9	5	4	7	2

Table 6 – Expenditure in the manufacturing industry, 2008 (Part IV) (continued)

Type of manufacture	Research and development	Computer expenditure	Security	Paper, printing and stationery	Entertainment	Banking	Training
	R million						
Division 35 - Metals, metal products, machinery and equipment	806	431	351	318	305	316	201
Manufacture of basic iron and steel and of primary iron and steel products	80	175	55	29	25	31	74
Manufacture of basic precious and non-ferrous metals	11	19	27	32	14	16	18
Casting of iron and steel	5	1	4	2	2	3	1
Casting of non-ferrous metals	0	1	3	1	1	4	1
Manufacture of structural metal products	12	48	46	38	30	38	15
Manufacture of tanks, reservoirs and similar containers of metal	0	2	2	2	4	2	1
Manufacture of steam generators, except central heating water boilers	1	1	2	3	2	2	2
Forging, pressing, stamping and roll-forming of metal; powder metallurgy	2	2	4	2	1	2	2
Treatment and coating of metals; general mechanical engineering	3	19	28	25	38	34	8
Manufacture of cutlery, hand tools and general hardware	2	10	7	6	6	6	4
Manufacture of other fabricated metal products	19	39	39	39	32	39	18
Manufacture of pumps, compressors, taps and valves	4	19	19	22	62	15	8
Manufacture of bearings, gears, gearing and driving elements	0	6	3	2	3	2	2
Manufacture of agricultural and forestry machinery	4	4	4	3	2	5	1
Manufacture of machine tools	1	2	3	6	5	5	2
Manufacture of machinery for mining, quarrying and construction	34	31	24	19	16	23	13
Manufacture of machinery for food, beverage and tobacco processing	0	2	1	3	1	3	1
Manufacture of weapons and ammunition and other special purpose machinery	628	50	80	84	61	86	30

Table 6 – Expenditure in the manufacturing industry, 2008 (Part IV) (continued)

Type of manufacture	Research and development	Computer expenditure	Security	Paper, printing and stationery	Entertainment	Banking	Training
	R million						
Division 36 - Electrical machinery and apparatus	44	40	47	40	36	41	41
Manufacture of electric motors, generators and transformers	9	6	6	8	9	9	18
Manufacture of electricity distribution and control apparatus	23	8	7	8	5	7	2
Manufacture of insulated wire and cable	3	4	8	5	5	6	4
Manufacture of accumulators, primary cells and batteries and lighting equipment	3	10	12	9	6	7	4
Manufacture of other electrical equipment	6	12	14	10	11	12	13
Division 37 - Telecommunication, medical and optical equipment and watches and clocks	65	26	21	30	76	31	8
Manufacture of electronic valves and tubes and other electronic components	22	5	2	3	4	3	1
Manufacture of television and radio transmitters and receivers, sound or video recording and line telephony apparatus	18	8	9	9	10	7	3
Manufacture of medical and surgical equipment and orthopaedic appliances	0	3	2	6	4	6	1
Manufacture of instruments and appliances for measuring, testing and navigating	22	8	5	9	56	11	3
Manufacture of industrial process control equipment	0	1	3	1	1	1	0
Manufacture of watches and clocks, optical instruments and photographic equipment	3	1	0	2	1	3	0

Table 6 – Expenditure in the manufacturing industry, 2008 (Part IV) (concluded)

Type of manufacture	Research and development	Computer expenditure	Security	Paper, printing and stationery	Entertainment	Banking	Training
	R million						
Division 38 - Transport equipment	127	343	145	128	745	107	115
Manufacture of motor vehicles	103	248	46	55	697	21	74
Manufacture of bodies (coachwork) for motor vehicles, trailers and semi-trailers	0	13	18	12	8	14	5
Manufacture of parts for motor vehicles, ships and boats and their engines	22	62	63	47	31	60	24
Manufacture of railway and tramway locomotives and rolling stock	2	16	8	5	7	7	8
Manufacture of aircraft	0	4	10	9	2	5	4
Manufacture of other transport equipment	0	0	0	0	0	0	0
Division 39 - Furniture, other manufacturing and recycling	7	126	93	85	47	88	58
Manufacture of furniture	1	23	29	21	21	29	11
Manufacture of jewellery and related articles	0	10	9	7	5	13	4
Other manufacturing, including manufacturing of tobacco and tobacco products	6	86	27	49	17	33	39
Recycling of waste and scrap	0	7	28	8	4	13	4
Total	2 339	2 146	1 698	1 577	1 657	1 496	1 031

Table 6 – Expenditure in the manufacturing industry 2008, (Part V)

Type of manufacture	Postage	Losses on revaluation of liabilities	Accommodation	Other expenditure	Total expenditure
	R million				
Division 30 - Food products and beverages	198	48	286	8 923	204 012
Production, processing and preserving of meat and meat products	6	1	2	711	20 897
Processing and preserving of fish and fish products	6	0	1	360	5 632
Processing and preserving of fruit and vegetables	15	1	29	640	13 265
Manufacture of vegetable and animal oils and fats	0	0	0	222	8 479
Manufacture of dairy products	45	0	2	1 171	15 741
Manufacture of grain mill products	34	8	102	356	17 599
Manufacture of prepared animal feeds	4	1	7	740	17 143
Manufacture of bakery products, sugar, cocoa, chocolate and sugar confectionery	36	0	39	1 563	30 962
Manufacture of other food products	20	0	34	1 035	23 322
Manufacture of alcoholic and non-alcoholic beverages	32	37	70	2 125	50 972
Division 31 - Textiles, clothing, leather and footwear	93	12	19	2 688	43 040
Preparation and spinning of textile fibres and weaving and finishing of textiles	9	3	1	349	7 402
Manufacture of made-up textile articles, except apparel	8	9	1	904	7 323
Manufacture of carpets, rugs and mats	4	0	0	77	1 758
Manufacture of cordage, rope, twine and netting	1	0	2	8	297
Manufacture of other textiles	4	0	6	200	3 307
Manufacture of knitted and crocheted fabrics and articles	2	0	1	98	2 277
Manufacture of wearing apparel, except fur apparel	55	0	5	674	13 892
Dressing and dyeing of fur, articles of fur and tanning and dressing of leather	3	0	1	131	3 117
Manufacture of luggage, handbags and the like, saddlery and harness	4	0	0	41	962
Manufacture of footwear	3	0	2	206	2 705

Table 6 – Expenditure in the manufacturing industry, 2008 (Part V) (continued)

Type of manufacture	Postage	Losses on revaluation of liabilities	Accommodation	Other expenditure	Total expenditure
	R million				
Division 32 - Wood, wood products, paper, publishing and printing	136	33	44	6 091	90 621
Sawmilling and planing of wood	1	0	2	794	7 552
Manufacture of veneer sheets, plywood and other boards and carpentry and joinery	4	1	11	627	8 903
Manufacture of wooden containers	0	0	0	33	1 090
Manufacture of other products of wood, articles of cork, straw and plaiting materials	3	0	1	96	3 470
Manufacture of pulp, paper and paperboard and articles of paper and paperboard	11	7	10	2 700	40 216
Publishing of books, brochures, musical books and other publications	16	8	3	322	3 903
Publishing of newspapers, periodicals, recorded media and other publishing	63	3	12	807	11 971
Printing	29	14	3	635	11 995
Service activities related to printing	2	0	1	51	1 109
Reproduction of recorded media	7	0	1	26	412
Division 33 - Coke, petroleum, chemical products, rubber and plastic	141	51	246	21 953	414 139
Manufacture of coke oven products	2	0	3	115	2 112
Manufacture of petrol, fuel oils and other petroleum/synthesised products	36	0	102	11 792	245 622
Manufacture of basic chemicals, except fertilisers and nitrogen compounds	17	35	40	2 554	19 317
Manufacture of fertilisers, nitrogen compounds, plastics and synthetic rubber	4	1	18	1 372	47 794
Manufacture of pesticides and other agro-chemical products	0	0	1	81	1 363
Manufacture of paints, varnishes and similar coatings, printing ink and mastics	14	0	4	535	9 676
Manufacture of pharmaceuticals, medicinal chemicals and botanical products	6	0	1	894	11 645
Manufacture of soap and detergents, perfumes and toilet preparations	16	0	42	555	19 304
Manufacture of other chemical products	16	1	10	1 129	14 078
Manufacture of rubber tyres and tubes and other rubber products; retreading of tyres	8	0	8	1 309	13 447
Manufacture of plastic products	22	14	17	1 617	29 781

Table 6 – Expenditure in the manufacturing industry, 2008 (Part V) (continued)

Type of manufacture	Postage	Losses on revaluation of liabilities	Accommodation	Other expenditure	Total expenditure
	R million				
Division 34 - Glass and other non-metallic mineral products	21	2	25	3 346	41 219
Manufacture of glass and glass products and non-structural non-refractory ceramicware	4	0	8	763	9 550
Manufacture of refractory ceramic products	1	0	3	206	3 731
Manufacture of structural non-refractory clay and ceramic products	2	2	3	500	5 484
Manufacture of cement, lime and plaster and articles of concrete, cement and plaster	13	0	4	1 704	19 783
Cutting and shaping of stone and manufacture of other non-metallic mineral products	1	0	7	173	2 671
Division 35 - Metals, metal products, machinery and equipment	161	196	132	13 881	282 574
Manufacture of basic iron and steel and of primary iron and steel products	16	0	4	3 025	69 430
Manufacture of basic precious and non-ferrous metals	13	85	8	2 992	50 773
Casting of iron and steel	0	0	1	67	2 072
Casting of non-ferrous metals	0	0	0	14	723
Manufacture of structural metal products	10	8	7	1 032	32 088
Manufacture of tanks, reservoirs and similar containers of metal	1	0	2	64	1 415
Manufacture of steam generators, except central heating water boilers	0	0	2	35	1 258
Forging, pressing, stamping and roll-forming of metal; powder metallurgy	1	0	0	68	2 147
Treatment and coating of metals; general mechanical engineering	9	0	3	469	10 619
Manufacture of cutlery, hand tools and general hardware	2	1	1	323	3 071
Manufacture of other fabricated metal products	19	89	13	1 791	25 772
Manufacture of pumps, compressors, taps and valves	14	0	7	340	7 850
Manufacture of bearings, gears, gearing and driving elements	1	0	0	90	1 642
Manufacture of agricultural and forestry machinery	3	1	2	143	2 320
Manufacture of machine tools	3	1	2	92	2 064
Manufacture of machinery for mining, quarrying and construction	12	0	44	573	15 760
Manufacture of machinery for food, beverage and tobacco processing	1	0	5	54	1 660
Manufacture of weapons and ammunition and other special purpose machinery	55	9	37	2 201	47 994

Table 6 – Expenditure in the manufacturing industry, 2008 (Part V) (continued)

Type of manufacture	Postage	Losses on revaluation of liabilities	Accommodation	Other expenditure	Total expenditure
	R million				
Division 36 - Electrical machinery and apparatus	45	4	17	1 736	31 619
Manufacture of electric motors, generators and transformers	3	0	4	685	7 160
Manufacture of electricity distribution and control apparatus	3	0	5	160	3 880
Manufacture of insulated wire and cable	2	0	1	250	8 857
Manufacture of accumulators, primary cells and batteries and lighting equipment	34	0	4	233	3 992
Manufacture of other electrical equipment	3	4	3	408	7 730
Division 37 - Telecommunication, medical and optical equipment and watches and clocks	39	0	18	669	12 707
Manufacture of electronic valves and tubes and other electronic components	4	0	1	105	1 895
Manufacture of television and radio transmitters and receivers, sound or video recording and line telephony apparatus	22	0	12	264	5 820
Manufacture of medical and surgical equipment and orthopaedic appliances	8	0	2	86	1 276
Manufacture of instruments and appliances for measuring, testing and navigating	4	0	4	159	2 804
Manufacture of industrial process control equipment	0	0	0	26	305
Manufacture of watches and clocks, optical instruments and photographic equipment	1	0	0	29	607

Table 6 – Expenditure in the manufacturing industry, 2008 (Part V) (concluded)

Type of manufacture	Postage	Losses on revaluation of liabilities	Accommodation	Other expenditure	Total expenditure
	R million				
Division 38 - Transport equipment	108	522	48	10 850	244 146
Manufacture of motor vehicles	77	512	11	7 034	162 178
Manufacture of bodies (coachwork) for motor vehicles, trailers and semi-trailers	6	0	2	344	10 310
Manufacture of parts for motor vehicles, ships and boats and their engines	22	10	25	2 797	60 958
Manufacture of railway and tramway locomotives and rolling stock	2	0	5	377	5 558
Manufacture of aircraft	1	0	5	284	5 023
Manufacture of other transport equipment	0	0	0	14	119
Division 39 - Furniture, other manufacturing and recycling	42	116	38	2 852	54 849
Manufacture of furniture	9	44	12	698	11 435
Manufacture of jewellery and related articles	6	14	3	494	8 270
Other manufacturing, including manufacturing of tobacco and tobacco products	22	0	21	1 162	21 675
Recycling of waste and scrap	5	58	2	498	13 469
Total	983	982	880	72 481	1 414 941

Table 7 – Purchases of materials, fuel and finished goods in the manufacturing industry, 2008

Type of manufacture	Raw materials	Materials for maintenance	Fuel	Finished goods for resale	Total purchases
	R million				
Division 30 - Food products and beverages	103 074	1 463	1 578	9 189	115 307
Production, processing and preserving of meat and meat products	15 175	121	75	106	15 477
Processing and preserving of fish and fish products	2 968	36	166	9	3 178
Processing and preserving of fruit and vegetables	6 405	96	129	456	7 086
Manufacture of vegetable and animal oils and fats	6 785	11	74	12	6 883
Manufacture of dairy products	7 487	38	104	370	7 999
Manufacture of grain mill products	10 381	20	128	1 756	12 285
Manufacture of prepared animal feeds	10 530	48	84	2 068	12 731
Manufacture of bakery products, sugar, cocoa, chocolate and sugar confectionery	15 252	140	328	1 793	17 513
Manufacture of other food products	11 337	96	279	736	12 449
Manufacture of alcoholic and non-alcoholic beverages	16 754	857	211	1 883	19 706
Division 31 - Textiles, clothing, leather and footwear	23 425	170	207	1 650	25 451
Preparation and spinning of textile fibres and weaving and finishing of textiles	3 996	36	64	347	4 444
Manufacture of made-up textile articles, except apparel	4 118	15	18	138	4 288
Manufacture of carpets, rugs and mats	878	30	21	26	955
Manufacture of cordage, rope, twine and netting	160	0	0	11	171
Manufacture of other textiles	1 796	13	30	115	1 953
Manufacture of knitted and crocheted fabrics and articles	1 207	13	32	13	1 264
Manufacture of wearing apparel, except fur apparel	7 255	48	26	865	8 194
Dressing and dyeing of fur, articles of fur and tanning and dressing of leather	2 185	13	14	0	2 212
Manufacture of luggage, handbags and the like, saddlery and harness	479	0	0	1	481
Manufacture of footwear	1 351	2	2	134	1 489

Table 7 – Purchases of materials, fuel and finished goods in the manufacturing industry, 2008 (continued)

Type of manufacture	Raw materials	Materials for maintenance	Fuel	Finished goods for resale	Total purchases
	R million				
Division 32 - Wood, wood products, paper, publishing and printing	40 316	922	1 073	1 653	43 965
Sawmilling and planing of wood	4 103	96	55	48	4 302
Manufacture of veneer sheets, plywood and other boards and carpentry and joinery	4 423	298	74	117	4 913
Manufacture of wooden containers	786	3	4	5	799
Manufacture of other products of wood, articles of cork, straw and plaiting materials	1 730	56	41	69	1 895
Manufacture of pulp, paper and paperboard and articles of paper and paperboard	18 222	391	868	852	20 333
Publishing of books, brochures, musical books and other publications	535	0	3	227	766
Publishing of newspapers, periodicals, recorded media and other publishing	3 996	3	1	84	4 084
Printing	5 742	63	27	250	6 081
Service activities related to printing	654	1	0	1	656
Reproduction of recorded media	125	11	0	0	136
Division 33 - Coke, petroleum, chemical products, rubber and plastic	259 564	9 924	2 497	26 222	298 209
Manufacture of coke oven products	1 404	13	32	0	1 449
Manufacture of petrol, fuel oils and other petroleum/synthesised products	168 171	8 929	622	18 621	196 343
Manufacture of basic chemicals, except fertilisers and nitrogen compounds	7 243	215	828	1 420	9 706
Manufacture of fertilisers, nitrogen compounds, plastics and synthetic rubber	32 354	64	325	1 252	33 996
Manufacture of pesticides and other agro-chemical products	971	1	2	13	987
Manufacture of paints, varnishes and similar coatings, printing ink and mastics	5 744	14	27	315	6 100
Manufacture of pharmaceuticals, medicinal chemicals and botanical products	4 449	35	21	1 120	5 625
Manufacture of soap and detergents, perfumes and toilet preparations	8 178	216	392	607	9 394
Manufacture of other chemical products	7 841	114	102	337	8 394
Manufacture of rubber tyres and tubes and other rubber products; retreading of tyres	6 940	91	41	1 009	8 081
Manufacture of plastic products	16 269	232	105	1 528	18 134
Division 34 - Glass and other non-metallic mineral products	16 473	465	1 902	1 145	20 499
Manufacture of glass and glass products and non-structural non-refractory ceramicware	2 911	114	387	34	3 963
Manufacture of refractory ceramic products	1 874	63	88	203	2 228
Manufacture of structural non-refractory clay and ceramic products	1 411	130	476	487	2 503
Manufacture of cement, lime and plaster and articles of concrete, cement and plaster	9 013	118	938	305	10 373
Cutting and shaping of stone and manufacture of other non-metallic mineral products	1 264	40	13	116	1 432

Table 7 – Purchases of materials, fuel and finished goods in the manufacturing industry, 2008 (continued)

Type of manufacture	Raw materials	Materials for maintenance	Fuel	Finished goods for resale	Total purchases
	R million				
Division 35 - Metals, metal products, machinery and equipment	170 019	3 616	2 753	8 998	185 387
Manufacture of basic iron and steel and of primary iron and steel products	40 947	2 003	1 411	183	44 544
Manufacture of basic precious and non-ferrous metals	39 423	213	738	358	40 731
Casting of iron and steel	1 545	19	14	3	1 581
Casting of non-ferrous metals	413	12	14	18	456
Manufacture of structural metal products	21 194	50	53	362	21 660
Manufacture of tanks, reservoirs and similar containers of metal	929	1	14	20	964
Manufacture of steam generators, except central heating water boilers	862	9	0	0	871
Forging, pressing, stamping and roll-forming of metal; powder metallurgy	1 514	15	30	1	1 561
Treatment and coating of metals; general mechanical engineering	5 423	117	76	53	5 669
Manufacture of cutlery, hand tools and general hardware	1 300	5	9	278	1 593
Manufacture of other fabricated metal products	15 128	97	137	868	16 229
Manufacture of pumps, compressors, taps and valves	4 102	175	13	99	4 389
Manufacture of bearings, gears, gearing and driving elements	869	7	6	55	938
Manufacture of agricultural and forestry machinery	1 072	105	12	375	1 564
Manufacture of machine tools	843	206	10	133	1 191
Manufacture of machinery for mining, quarrying and construction	7 531	22	32	2 350	9 935
Manufacture of machinery for food, beverage and tobacco processing	694	70	4	388	1 156
Manufacture of weapons and ammunition and other special purpose machinery	26 230	490	180	3 454	30 355
Division 36 - Electrical machinery and apparatus	19 208	25	85	1 493	20 812
Manufacture of electric motors, generators and transformers	3 890	4	7	155	4 056
Manufacture of electricity distribution and control apparatus	2 288	3	3	352	2 646
Manufacture of insulated wire and cable	7 099	4	2	2	7 108
Manufacture of accumulators, primary cells and batteries and lighting equipment	2 151	7	12	107	2 277
Manufacture of other electrical equipment	3 780	7	61	877	4 725
Division 37 - Telecommunication, medical and optical equipment and watches and clocks	5 827	34	18	1 538	7 418
Manufacture of electronic valves and tubes and other electronic components	1 085	11	5	40	1 140
Manufacture of television and radio transmitters and receivers, sound or video recording and line telephony apparatus	2 262	1	2	1 285	3 551
Manufacture of medical and surgical equipment and orthopaedic appliances	606	1	7	31	646
Manufacture of instruments and appliances for measuring, testing and navigating	1 516	14	4	106	1 640
Manufacture of industrial process control equipment	154	7	0	11	172
Manufacture of watches and clocks, optical instruments and photographic equipment	204	0	0	65	269

Table 7 – Purchases of materials, fuel and finished goods in the manufacturing industry, 2008 (concluded)

Type of manufacture	Raw materials	Materials for maintenance	Fuel	Finished goods for resale	Total purchases
	R million				
Division 38 - Transport equipment	142 460	1 091	358	43 988	187 897
Manufacture of motor vehicles	84 015	635	117	42 656	127 422
Manufacture of bodies (coachwork) for motor vehicles, trailers and semi-trailers	7 577	21	25	121	7 744
Manufacture of parts for motor vehicles, ships and boats and their engines	45 378	378	176	428	46 360
Manufacture of railway and tramway locomotives and rolling stock	3 002	57	33	554	3 646
Manufacture of aircraft	2 434	0	7	222	2 663
Manufacture of other transport equipment	54	0	0	7	62
Division 39 - Furniture, other manufacturing and recycling	27 785	531	180	1 283	29 824
Manufacture of furniture	5 589	61	29	295	6 018
Manufacture of jewellery and related articles	6 159	4	9	391	6 563
Other manufacturing, including manufacturing of tobacco and tobacco products	6 222	371	43	586	7 223
Recycling of waste and scrap	9 815	95	99	11	10 020
Total	808 151	18 241	10 651	97 159	934 769

Table 8 – Details of inventories in the manufacturing industry, 2008

Type of manufacture	Raw materials		Work in progress		Manufactured goods		Finished goods for resale		Total inventories	
	Opening	Closing	Opening	Closing	Opening	Closing	Opening	Closing	Opening	Closing
	R million									
Division 30 - Food products and beverages	9 764	12 098	1 802	2 183	8 476	10 489	566	697	20 609	25 468
Production, processing and preserving of meat and meat products	645	908	26	30	520	629	263	256	1 454	1 823
Processing and preserving of fish and fish products	168	234	10	5	342	366	18	19	538	623
Processing and preserving of fruit and vegetables	567	705	123	145	1 005	1 043	24	40	1 719	1 933
Manufacture of vegetable and animal oils and fats	354	619	84	239	159	234	0	4	597	1 096
Manufacture of dairy products	374	517	152	284	595	969	4	4	1 125	1 775
Manufacture of grain mill products	1 027	1 226	89	26	502	651	20	24	1 637	1 927
Manufacture of prepared animal feeds	885	1 225	204	172	168	193	38	87	1 295	1 677
Manufacture of bakery products, sugar, cocoa, chocolate and sugar confectionery	1 410	1 693	74	58	1 156	1 284	10	16	2 651	3 052
Manufacture of other food products	1 091	1 605	88	100	959	1 124	45	63	2 183	2 892
Manufacture of alcoholic and non-alcoholic beverages	3 243	3 366	952	1 124	3 070	3 996	144	184	7 410	8 670
Division 31 - Textiles, clothing, leather and footwear	3 271	3 527	1 407	1 446	2 143	2 493	288	328	7 109	7 795
Preparation and spinning of textile fibres and weaving and finishing of textiles	834	803	324	380	408	525	27	46	1 593	1 755
Manufacture of made-up textile articles, except apparel	693	725	166	162	417	424	36	54	1 312	1 365
Manufacture of carpets, rugs and mats	154	144	55	64	149	185	23	11	381	404
Manufacture of cordage, rope, twine and netting	14	14	4	2	15	29	0	0	33	45
Manufacture of other textiles	193	263	83	96	131	143	35	38	442	540
Manufacture of knitted and crocheted fabrics and articles	124	139	149	155	141	157	7	6	421	457
Manufacture of wearing apparel, except fur apparel	820	966	342	362	559	683	116	115	1 837	2 126
Dressing and dyeing of fur, articles of fur and tanning and dressing of leather	188	167	225	167	136	173	0	3	549	509
Manufacture of luggage, handbags and the like, saddlery and harness	71	90	11	18	37	39	0	0	119	148
Manufacture of footwear	180	216	48	40	150	135	44	55	422	446

Table 8 – Details of inventories in the manufacturing industry, 2008 (continued)

Type of manufacture	Raw materials		Work in progress		Manufactured goods		Finished goods for resale		Total inventories	
	Opening	Closing	Opening	Closing	Opening	Closing	Opening	Closing	Opening	Closing
	R million									
Division 32 - Wood, wood products, paper, publishing and printing	4 371	5 021	949	916	2 879	3 278	407	476	8 605	9 690
Sawmilling and planing of wood	132	227	56	102	242	296	11	19	441	643
Manufacture of veneer sheets, plywood and other boards and carpentry and joinery	452	612	59	87	393	442	60	57	963	1 198
Manufacture of wooden containers	19	35	2	2	8	6	1	0	29	43
Manufacture of other products of wood, articles of cork, straw and plaiting materials	235	210	38	38	47	48	2	6	322	301
Manufacture of pulp, paper and paperboard and articles of paper and paperboard	2 235	2 448	532	416	1 732	1 932	141	248	4 639	5 044
Publishing of books, brochures, musical books and other publications	29	38	47	48	184	234	100	115	360	435
Publishing of newspapers, periodicals, recorded media and other publishing	524	591	71	62	119	166	63	8	778	827
Printing	626	713	137	155	145	146	17	13	926	1 027
Service activities related to printing	75	102	6	5	9	8	0	0	90	116
Reproduction of recorded media	44	45	1	1	0	0	12	10	57	56

Table 8 – Details of inventories in the manufacturing industry, 2008 (continued)

Type of manufacture	Raw materials		Work in progress		Manufactured goods		Finished goods for resale		Total inventories	
	Opening	Closing	Opening	Closing	Opening	Closing	Opening	Closing	Opening	Closing
	R million									
Division 33 - Coke, petroleum, chemical products, rubber and plastic	15 284	24 862	1 415	2 334	18 673	26 067	1 092	1 602	36 461	54 862
Manufacture of coke oven products	52	71	0	0	16	13	0	0	68	84
Manufacture of petrol, fuel oils and other petroleum/synthesised products	7 985	15 098	22	453	9 238	13 006	42	49	17 287	28 607
Manufacture of basic chemicals, except fertilisers and nitrogen compounds	671	785	295	332	1 228	1 346	308	393	2 502	2 856
Manufacture of fertilisers, nitrogen compounds, plastics and synthetic rubber	1 210	2 412	166	279	2 505	5 139	46	70	3 927	7 900
Manufacture of pesticides and other agro-chemical products	87	128	18	21	70	99	2	0	176	248
Manufacture of paints, varnishes and similar coatings, printing ink and mastics	603	752	64	109	657	802	10	28	1 334	1 691
Manufacture of pharmaceuticals, medicinal chemicals and botanical products	1 250	1 194	252	348	944	1 059	126	103	2 572	2 703
Manufacture of soap and detergents, perfumes and toilet preparations	847	1 260	88	107	886	1 288	80	98	1 901	2 752
Manufacture of other chemical products	702	808	107	233	1 243	1 106	104	88	2 155	2 235
Manufacture of rubber tyres and tubes and other rubber products; retreading of tyres	629	825	139	163	704	672	220	530	1 692	2 189
Manufacture of plastic products	1 248	1 529	264	289	1 182	1 537	154	243	2 847	3 597
Division 34 - Glass and other non-metallic mineral products	2 663	2 458	507	427	1 792	2 244	171	256	5 137	5 386
Manufacture of glass and glass products and non-structural non-refractory ceramicware	741	757	72	58	731	913	32	102	1 577	1 829
Manufacture of refractory ceramics	391	501	126	101	143	315	27	27	687	944
Manufacture of structural non-refractory clay and ceramics	154	172	72	87	308	212	18	4	554	475
Manufacture of cement, lime and plaster and articles of concrete, cement and plaster	1 143	736	146	146	468	676	40	65	1 797	1 624
Manufacture of other non-metallic mineral products	234	292	91	35	142	128	54	58	522	514

Table 8 – Details of inventories in the manufacturing industry, 2008 (continued)

Type of manufacture	Raw materials		Work in progress		Manufactured goods		Finished goods for resale		Total inventories	
	Opening	Closing	Opening	Closing	Opening	Closing	Opening	Closing	Opening	Closing
	R million									
Division 35 - Metals, metal products, machinery and equipment	16 978	19 118	10 079	11 558	11 118	13 835	1 335	1 550	39 513	46 064
Manufacture of basic iron and steel and of primary iron and steel products	5 050	4 811	3 590	3 136	4 112	4 820	49	53	12 801	12 820
Manufacture of basic precious and non-ferrous metals	3 114	3 475	3 261	4 251	1 864	1 975	326	367	8 565	10 068
Casting of iron and steel	109	133	93	102	63	85	5	6	270	326
Casting of non-ferrous metals	20	25	16	16	16	14	3	4	55	59
Manufacture of structural metals	1 736	2 004	181	325	1 544	1 710	46	66	3 507	4 105
Manufacture of tanks and reservoirs	66	96	79	89	3	3	4	3	153	191
Manufacture of steam generators	51	59	115	284	8	6	0	0	174	349
Forging, pressing, stamping and roll-forming of metal; powder metallurgy	145	202	40	61	51	65	0	0	235	329
Treatment and coating of metals; general mechanical engineering	339	391	53	102	13	22	2	4	408	519
Manufacture of cutlery, hand tools and general hardware	234	282	37	49	136	192	54	104	462	627
Manufacture of other fabricated metal products	1 263	1 694	333	456	898	1 350	146	226	2 640	3 727
Manufacture of pumps, compressors, taps and valves	350	505	207	328	202	290	28	57	788	1 181
Manufacture of bearings, gears, gearing and driving elements	33	39	76	108	101	119	20	27	229	293
Manufacture of agricultural and forestry machinery	181	168	20	42	113	128	50	96	365	434
Manufacture of machine tools	79	73	78	76	80	87	12	14	249	250
Manufacture of machinery for mining, quarrying and construction	987	1 217	566	633	968	1 681	211	157	2 732	3 688
Manufacture of machinery for food, beverage and tobacco processing	53	59	48	41	43	49	53	67	197	216
Manufacture of weapons and ammunition and other special purpose machinery	3 168	3 885	1 286	1 459	903	1 239	326	299	5 683	6 882

Table 8 – Details of inventories in the manufacturing industry, 2008 (continued)

Type of manufacture	Raw materials		Work in progress		Manufactured goods		Finished goods for resale		Total inventories	
	Opening	Closing	Opening	Closing	Opening	Closing	Opening	Closing	Opening	Closing
	R million									
Division 36 - Electrical machinery and apparatus	1 740	2 182	1 010	1 584	1 394	1 026	230	311	4 374	5 104
Manufacture of electric motors, generators and transformers	325	482	433	552	190	222	9	10	957	1 266
Manufacture of electricity distribution and control apparatus	151	204	104	105	128	110	7	5	390	425
Manufacture of insulated wire and cable	469	630	157	542	667	264	9	4	1 301	1 441
Manufacture of accumulators, primary cells and batteries and lighting equipment	222	249	125	152	178	193	22	26	548	620
Manufacture of other electrical equipment	573	617	191	233	231	237	183	266	1 178	1 352
Division 37 - Telecommunication, medical and optical equipment and watches and clocks	595	857	390	548	293	388	305	458	1 585	2 252
Manufacture of electronic valves and tubes and other electronic components	186	220	79	77	70	112	2	1	338	411
Manufacture of television and radio transmitters and receivers, sound or video recording and line telephony apparatus	171	292	212	381	99	103	208	314	690	1 089
Manufacture of medical and surgical equipment and orthopaedic appliances	26	34	7	6	31	46	47	50	112	137
Manufacture of instruments and appliances for measuring, testing and navigating	169	266	86	80	73	97	18	64	346	507
Manufacture of industrial process control equipment	11	11	4	3	11	13	7	7	33	34
Manufacture of watches and clocks, optical instruments and photographic equipment	32	34	2	1	9	17	23	22	66	74

Table 8 – Details of inventories in the manufacturing industry, 2008 (concluded)

Type of manufacture	Raw materials		Work in progress		Manufactured goods		Finished goods for resale		Total inventories	
	Opening	Closing	Opening	Closing	Opening	Closing	Opening	Closing	Opening	Closing
	R million									
Division 38 - Transport equipment	8 424	10 144	2 752	3 362	12 952	19 592	5 122	7 427	29 250	40 526
Manufacture of motor vehicles	4 157	4 653	1 844	1 957	11 349	17 644	3 433	4 576	20 782	28 830
Manufacture of bodies (coachwork) for motor vehicles, trailers and semi-trailers	664	899	254	336	212	260	164	179	1 294	1 675
Manufacture of parts for motor vehicles, ships and boats and their engines	2 709	3 477	414	609	1 268	1 528	1 451	2 558	5 842	8 171
Manufacture of railway and tramway locomotives and rolling stock	144	376	98	273	100	125	72	112	414	887
Manufacture of aircraft	743	731	141	179	21	31	2	2	907	943
Manufacture of other transport equipment	7	8	1	8	2	4	0	0	11	20
Division 39 - Furniture, other manufacturing and recycling	3 246	3 251	665	1 388	1 955	2 222	169	215	6 035	7 077
Manufacture of furniture	413	590	91	127	122	181	21	48	647	946
Manufacture of jewellery and related articles	1 563	1 354	221	366	440	663	51	71	2 275	2 454
Other manufacturing, including manufacturing of tobacco and tobacco products	1 161	1 158	119	164	1 356	1 318	74	57	2 710	2 697
Recycling of waste and scrap	109	149	234	731	37	60	23	39	403	980
Total	66 336	83 518	20 976	25 746	61 675	81 634	9 685	13 320	158 678	204 224

Table 9 – Carrying value of property, plant, equipment and intangible assets at the end of the year in the manufacturing industry, 2008

Type of manufacture	Land, construction and buildings	Plant, machinery and equipment	Vehicles	Computers, software and other IT equipment	Goodwill	Patents and copyright	Other assets	Total carrying value
	R million							
Division 30 - Food products and beverages	13 388	23 370	2 821	1 008	7 049	2 856	698	51 190
Production, processing and preserving of meat and meat products	860	1 196	290	25	677	222	107	3 377
Processing and preserving of fish and fish products	214	478	60	18	205	72	316	1 363
Processing and preserving of fruit and vegetables	1 360	1 183	121	222	295	141	44	3 366
Manufacture of vegetable and animal oils and fats	156	526	42	6	50	5	2	787
Manufacture of dairy products	843	1 563	106	33	368	92	126	3 131
Manufacture of grain mill products	1 064	1 975	305	25	691	102	14	4 176
Manufacture of prepared animal feeds	859	1 809	179	43	40	3	5	2 938
Manufacture of bakery products, sugar, cocoa, chocolate and sugar confectionery	1 552	4 476	375	65	874	812	38	8 192
Manufacture of other food products	872	2 299	351	72	2 313	1 367	22	7 296
Manufacture of alcoholic and non-alcoholic beverages	5 608	7 865	992	499	1 536	40	24	16 564
Division 31 - Textiles, clothing, leather and footwear	1 697	4 562	506	75	274	2	87	7 203
Preparation and spinning of textile fibres and weaving and finishing of textiles	657	1 285	102	8	1	0	23	2 076
Manufacture of made-up textile articles, except apparel	230	1 038	96	13	61	0	7	1 445
Manufacture of carpets, rugs and mats	88	293	16	3	1	0	8	409
Manufacture of cordage, rope, twine and netting	10	19	5	1	0	0	1	36
Manufacture of other textiles	30	562	45	7	7	0	3	654
Manufacture of knitted and crocheted fabrics and articles	9	245	12	4	0	0	1	271
Manufacture of wearing apparel, except fur apparel	413	701	164	24	131	1	32	1 466
Dressing and dyeing of fur, articles of fur and tanning and dressing of leather	206	267	18	7	11	1	7	517
Manufacture of luggage, handbags and the like, saddlery and harness	12	33	20	2	32	0	3	102
Manufacture of footwear	42	119	28	6	30	0	2	227

Table 9 – Carrying value of property, plant, equipment and intangible assets at the end of the year in the manufacturing industry, 2008 (continued)

Type of manufacture	Land, construction and buildings	Plant, machinery and equipment	Vehicles	Computers, software and other IT equipment	Goodwill	Patents and copyright	Other assets	Total carrying value
	R million							
Division 32 - Wood, wood products, paper, publishing and printing	9 301	28 281	1 403	326	3 685	50	2 535	45 581
Sawmilling and planing of wood	429	1 098	244	10	64	0	1 772	3 617
Manufacture of veneer sheets, plywood and other boards and carpentry and joinery	1 106	1 782	147	17	136	0	371	3 559
Manufacture of wooden containers	12	29	25	1	6	0	1	74
Manufacture of other products of wood, cork, straw and plaiting materials	8	193	134	13	74	1	1	424
Manufacture of pulp, paper and paperboard and articles of paper and paperboard	6 274	19 323	362	22	759	2	153	26 895
Publishing of books, brochures, musical books and other publications	23	96	29	120	367	17	43	695
Publishing of newspapers, periodicals, recorded media and other publishing	1 258	2 382	318	42	1 166	24	166	5 356
Printing	176	3 080	136	87	682	6	24	4 191
Service activities related to printing	11	159	8	12	367	0	4	561
Reproduction of recorded media	4	139	0	2	64	0	0	209

Table 9 – Carrying value of property, plant, equipment and intangible assets at the end of the year in the manufacturing industry, 2008 (continued)

Type of manufacture	Land, construction and buildings	Plant, machinery and equipment	Vehicles	Computers, software and other IT equipment	Goodwill	Patents and copyright	Other assets	Total carrying value
	R million							
Division 33 - Coke, petroleum, chemical products, rubber and plastic	12 158	64 326	2 053	805	10 643	3 339	2 074	95 398
Manufacture of coke oven products	25	252	25	7	1	0	13	323
Manufacture of petrol, fuel oils and other petroleum/synthesised products	5 810	26 064	787	155	9	0	83	32 908
Manufacture of basic chemicals, except fertilisers and nitrogen compounds	611	6 110	296	202	842	24	769	8 854
Manufacture of fertilisers, nitrogen compounds, plastics and synthetic rubber	1 702	20 052	56	73	1 933	114	34	23 964
Manufacture of pesticides and other agro-chemical products	35	59	5	1	3	31	0	134
Manufacture of paints, varnishes and similar coatings, printing ink and mastics	271	471	158	45	1 416	2	20	2 383
Manufacture of pharmaceuticals, medicinal chemicals and botanical products	779	1 122	29	81	200	182	689	3 082
Manufacture of soap and detergents, perfumes and toilet preparations	742	1 669	139	66	4 606	2 755	72	10 049
Manufacture of other chemical products	977	1 378	109	60	1 160	2	112	3 798
Manufacture of rubber tyres and tubes and other rubber products; retreading of tyres	592	1 845	83	55	72	54	5	2 706
Manufacture of plastic products	614	5 304	366	60	401	175	277	7 197
Division 34 - Glass and other non-metallic mineral products	2 276	11 248	658	182	15 981	1 984	765	33 094
Manufacture of glass and glass products and non-structural non-refractory ceramicware	840	3 541	68	98	2 921	1 972	1	9 441
Manufacture of refractory ceramic products	135	344	47	7	51	1	0	585
Manufacture of structural non-refractory clay and ceramic products	458	1 194	119	10	67	0	101	1 949
Manufacture of cement, lime and plaster and articles of concrete, cement and plaster	797	5 944	388	53	12 917	11	653	20 763
Cutting and shaping of stone and manufacture of other non-metallic mineral products	46	225	36	14	25	0	10	356

Table 9 – Carrying value of property, plant, equipment and intangible assets at the end of the year in the manufacturing industry, 2008 (continued)

Type of manufacture	Land, construction and buildings	Plant, machinery and equipment	Vehicles	Computers, software and other IT equipment	Goodwill	Patents and copyright	Other assets	Total carrying value
R million								
Division 35 - Metals, metal products, machinery and equipment	10 151	44 391	3 435	802	2 038	186	965	61 968
Manufacture of basic iron and steel and of primary iron and steel products	3 921	23 461	303	95	54	0	284	28 118
Manufacture of basic precious and non-ferrous metals	3 025	10 690	418	49	317	1	471	14 971
Casting of iron and steel	49	241	12	2	13	0	2	319
Casting of non-ferrous metals	53	84	6	1	11	0	0	155
Manufacture of structural metal products	332	1 067	492	51	119	1	15	2 077
Manufacture of tanks, reservoirs and similar containers of metal	23	48	21	4	1	0	0	97
Manufacture of steam generators, except central heating water boilers	33	31	18	7	0	0	4	93
Forging, pressing, stamping and roll-forming of metal; powder metallurgy	67	518	11	4	2	0	0	602
Treatment and coating of metals; general mechanical engineering	153	984	325	55	94	0	35	1 646
Manufacture of cutlery, hand tools and general hardware	55	272	45	10	3	0	13	398
Manufacture of other fabricated metal products	648	3 041	291	39	228	166	43	4 456
Manufacture of pumps, compressors, taps and valves	101	458	214	19	196	0	11	999
Manufacture of bearings, gears, gearing and driving elements	51	96	18	3	128	0	2	298
Manufacture of agricultural and forestry machinery	38	139	31	4	12	0	3	227
Manufacture of machine tools	45	141	39	6	0	0	6	237
Manufacture of machinery for mining, quarrying and construction	284	539	419	36	147	9	8	1 442
Manufacture of machinery for food, beverage and tobacco processing	4	99	21	12	17	0	7	160
Manufacture of weapons and ammunition and other special purpose machinery	1 269	2 482	751	405	696	9	61	5 673

Table 9 – Carrying value of property, plant, equipment and intangible assets at the end of the year in the manufacturing industry, 2008 (continued)

Type of manufacture	Land, construction and buildings	Plant, machinery and equipment	Vehicles	Computers, software and other IT equipment	Goodwill	Patents and copyright	Other assets	Total carrying value
	R million							
Division 36 - Electrical machinery and apparatus	774	2 299	304	84	539	155	201	4 356
Manufacture of electric motors, generators and transformers	152	290	88	17	67	0	8	622
Manufacture of electricity distribution and control apparatus	73	207	34	9	73	0	8	404
Manufacture of insulated wire and cable	197	551	20	25	80	43	118	1 034
Manufacture of accumulators, primary cells and batteries and lighting equipment	175	521	69	5	3	48	11	832
Manufacture of other electrical equipment	177	730	93	28	316	64	56	1 464
Division 37 - Telecommunication, medical and optical equipment and watches and clocks	275	579	147	43	512	8	101	1 665
Manufacture of electronic valves and tubes and other electronic components	55	89	12	7	35	0	3	201
Manufacture of television and radio transmitters and receivers, sound or video recording and line telephony apparatus	68	87	20	10	387	0	77	649
Manufacture of medical and surgical equipment and orthopaedic appliances	102	87	75	2	31	0	8	305
Manufacture of instruments and appliances for measuring, testing and navigating	48	102	30	16	30	8	9	243
Manufacture of industrial process control equipment	1	4	5	1	0	0	0	11
Manufacture of watches and clocks, optical instruments and photographic equipment	1	210	5	7	29	0	4	256

Table 9 – Carrying value of property, plant, equipment and intangible assets at the end of the year in the manufacturing industry, 2008 (concluded)

Type of manufacture	Land, construction and buildings	Plant, machinery and equipment	Vehicles	Computers, software and other IT equipment	Goodwill	Patents and copyright	Other assets	Total carrying value
	R million							
Division 38 - Transport equipment	6 355	18 369	1 057	403	386	97	866	27 533
Manufacture of motor vehicles	3 840	12 585	546	257	45	0	558	17 831
Manufacture of bodies (coachwork) for motor vehicles, trailers and semi-trailers	111	422	124	15	7	7	29	715
Manufacture of parts for motor vehicles, ships and boats and their engines	1 504	4 704	333	112	310	67	184	7 214
Manufacture of railway and tramway locomotives and rolling stock	63	390	18	10	22	21	10	534
Manufacture of aircraft	837	263	35	9	2	2	84	1 232
Manufacture of other transport equipment	0	5	1	0	0	0	1	7
Division 39 - Furniture, other manufacturing and recycling	745	3 942	796	91	2 848	67	243	8 732
Manufacture of furniture	262	957	266	30	701	23	25	2 264
Manufacture of jewellery and related articles	109	286	47	13	2	4	0	461
Other manufacturing, including manufacturing of tobacco and tobacco products	253	1 696	245	33	690	40	195	3 152
Recycling of waste and scrap	121	1 003	238	15	1 455	0	23	2 855
Total	57 120	201 367	13 180	3 819	43 955	8 744	8 535	336 720

Table 10 – Details of assets in the manufacturing industry, 2008

Type of manufacture	Current assets					Non-current assets					Total assets
	Bank	Debtors	Inventories	Other	Total	Fixed	Goodwill	Long-term loans	Other	Total	
	R million										
Division 30 - Food products and beverages	6 566	23 182	25 468	6 890	62 106	44 039	7 049	8 444	6 232	65 764	127 870
Production, processing and preserving of meat and meat products	481	1 360	1 823	342	4 006	2 684	677	273	314	3 948	7 954
Processing and preserving of fish and fish products	226	727	623	64	1 640	1 158	205	313	559	2 235	3 875
Processing and preserving of fruit and vegetables	307	1 660	1 933	372	4 272	3 071	295	593	359	4 318	8 590
Manufacture of vegetable and animal oils and fats	413	1 278	1 096	105	2 892	731	50	45	364	1 190	4 082
Manufacture of dairy products	694	2 234	1 775	119	4 822	2 763	368	554	360	4 045	8 867
Manufacture of grain mill products	414	1 810	1 927	187	4 338	3 473	691	278	338	4 780	9 118
Manufacture of prepared animal feeds	374	2 291	1 677	157	4 499	2 885	40	798	451	4 174	8 673
Manufacture of bakery products, sugar, cocoa, chocolate and sugar confectionery	1 460	3 247	3 052	1 094	8 853	7 316	874	3 822	1 981	13 993	22 846
Manufacture of other food products	949	3 280	2 892	232	7 353	4 931	2 313	853	643	8 740	16 093
Manufacture of alcoholic and non-alcoholic beverages	1 248	5 295	8 670	4 218	19 431	15 027	1 536	915	863	18 341	37 772

Table 10 – Details of assets in the manufacturing industry, 2008 (continued)

Type of manufacture	Current assets					Non-current assets					Total assets
	Bank	Debtors	Inventories	Other	Total	Fixed	Goodwill	Long-term loans	Other	Total	
	R million										
Division 31 - Textiles, clothing, leather and footwear	1 468	7 925	7 795	739	17 927	6 860	274	889	994	9 017	26 944
Preparation and spinning of textile fibres and weaving and finishing of textiles	130	1 455	1 755	136	3 476	2 075	1	249	160	2 485	5 961
Manufacture of made-up textile articles, except apparel	245	1 471	1 365	86	3 167	1 310	61	271	180	1 822	4 989
Manufacture of carpets, rugs and mats	128	333	404	18	883	439	1	9	17	466	1 349
Manufacture of cordage, rope, twine and netting	16	45	45	15	121	36	0	10	12	58	179
Manufacture of other textiles	115	560	540	108	1 323	647	7	50	46	750	2 073
Manufacture of knitted and crocheted fabrics and articles	101	464	457	23	1 045	271	0	31	126	428	1 473
Manufacture of wearing apparel, except fur apparel	534	2 325	2 126	203	5 188	1 313	131	120	357	1 921	7 109
Dressing and dyeing of fur, articles of fur and tanning and dressing of leather	116	388	509	93	1 106	507	11	47	18	583	1 689
Manufacture of luggage, handbags and the like, saddlery and harness	24	145	148	15	332	67	32	39	34	172	504
Manufacture of footwear	59	739	446	43	1 287	195	30	63	44	332	1 619

Table 10 – Details of assets in the manufacturing industry, 2008 (continued)

Type of manufacture	Current assets					Non-current assets					Total assets
	Bank	Debtors	Inventories	Other	Total	Fixed	Goodwill	Long-term loans	Other	Total	
	R million										
Division 32 - Wood, wood products, paper, publishing and printing	5 821	15 069	9 674	12 297	42 865	41 375	3 685	6 947	9 219	61 226	104 089
Sawmilling and planing of wood	511	849	643	629	2 632	3 549	64	72	513	4 198	6 830
Manufacture of veneer sheets, plywood and other boards and carpentry and joinery	491	1 425	1 198	820	3 934	3 417	136	460	587	4 600	8 534
Manufacture of wooden containers	36	161	43	13	253	68	6	14	13	101	354
Manufacture of other products of wood, articles of cork, straw and plaiting materials	189	317	301	45	852	348	74	44	212	678	1 530
Manufacture of pulp, paper and paperboard and articles of paper and paperboard	1 527	6 503	5 044	7 360	20 434	26 095	759	3 364	6 929	37 147	57 581
Publishing of books, brochures, musical books and other publications	811	1 428	421	263	2 923	328	367	56	165	916	3 839
Publishing of newspapers, periodicals, recorded media and other publishing	801	2 256	827	2 389	6 273	3 741	1 166	2 683	374	7 964	14 237
Printing	1 340	1 836	1 027	750	4 953	3 499	682	239	322	4 742	9 695
Service activities related to printing	67	213	116	28	424	184	367	15	100	666	1 090
Reproduction of recorded media	48	81	56	1	186	146	64	0	4	214	400

Table 10 – Details of assets in the manufacturing industry, 2008 (continued)

Type of manufacture	Current assets					Non-current assets					Total assets
	Bank	Debtors	Inventories	Other	Total	Fixed	Goodwill	Long-term loans	Other	Total	
	R million										
Division 33 - Coke, petroleum, chemical products, rubber and plastic	17 741	66 005	54 806	9 605	148 157	84 792	10 643	11 311	6 291	113 036	261 194
Manufacture of coke oven products	56	759	84	49	948	322	1	0	55	378	1 326
Manufacture of petrol, fuel oils and other petroleum/synthesised products	7 917	30 656	28 607	5 081	72 261	32 894	9	1 058	1 623	35 584	107 845
Manufacture of basic chemicals, except fertilisers and nitrogen compounds	747	3 842	2 856	556	8 001	8 012	842	1 899	669	11 422	19 423
Manufacture of fertilisers, nitrogen compounds, plastics and synthetic rubber	1 526	10 507	7 900	714	20 647	22 040	1 933	4 992	111	29 076	49 723
Manufacture of pesticides and other agro-chemical products	89	346	248	18	701	131	3	15	27	176	877
Manufacture of paints, varnishes and similar coatings, printing ink and mastics	444	1 711	1 691	71	3 917	967	1 416	239	107	2 729	6 646
Manufacture of pharmaceuticals, medicinal chemicals and botanical products	3 123	4 349	2 647	767	10 886	2 856	200	1 058	1 697	5 811	16 697
Manufacture of soap and detergents, perfumes and toilet preparations	1 155	3 113	2 752	228	7 248	5 443	4 606	356	342	10 747	17 995
Manufacture of other chemical products	787	3 267	2 235	1 090	7 379	2 630	1 160	726	614	5 130	12 509
Manufacture of rubber tyres and tubes and other rubber products; retreading of tyres	433	2 284	2 189	269	5 175	2 634	72	188	195	3 089	8 264
Manufacture of plastic products	1 464	5 171	3 597	762	10 994	6 863	401	780	851	8 895	19 889
Division 34 - Glass and other non-metallic mineral products	3 517	6 018	5 484	1 554	16 574	17 163	15 981	4 147	907	38 198	54 771
Manufacture of glass and glass products and non-structural non-refractory ceramicware	221	1 597	1 829	927	4 574	6 618	2 921	87	150	9 776	14 350
Manufacture of refractory ceramic products	824	554	944	94	2 416	534	51	48	42	675	3 091
Manufacture of structural non-refractory clay and ceramic products	424	559	475	28	1 486	1 881	67	2 913	288	5 149	6 635
Manufacture of cement, lime and plaster and articles of concrete, cement and plaster	1 869	2 840	1 722	411	6 842	7 799	12 917	1 057	293	22 066	28 908
Cutting and shaping of stone and manufacture of other non-metallic mineral products	179	468	514	92	1 255	331	25	42	134	532	1 787

Table 10 – Details of assets in the manufacturing industry, 2008 (continued)

Type of manufacture	Current assets					Non-current assets					Total assets
	Bank	Debtors	Inventories	Other	Total	Fixed	Goodwill	Long-term loans	Other	Total	
	R million										
Division 35 - Metals, metal products, machinery and equipment	24 424	45 359	46 071	8 754	124 608	59 648	2 038	12 317	4 577	78 580	203 188
Manufacture of basic iron and steel and of primary iron and steel products	7 764	11 009	12 827	2 587	34 187	27 999	54	8 641	592	37 286	71 473
Manufacture of basic precious and non-ferrous metals	6 090	8 900	10 068	834	25 892	14 588	317	77	454	15 436	41 328
Casting of iron and steel	85	459	326	45	915	306	13	57	19	395	1 310
Casting of non-ferrous metals	19	122	59	5	205	135	11	15	2	163	368
Manufacture of structural metal products	1 336	4 727	4 105	624	10 792	1 961	119	366	420	2 866	13 658
Manufacture of tanks, reservoirs and similar containers of metal	165	258	191	24	638	96	1	36	22	155	793
Manufacture of steam generators, except central heating water boilers	77	203	349	15	644	93	0	10	22	125	769
Forging, pressing, stamping and roll-forming of metal; powder metallurgy	200	312	329	43	884	530	2	161	26	719	1 603
Treatment and coating of metals; general mechanical engineering	585	1 456	519	252	2 812	1 544	94	200	382	2 220	5 032
Manufacture of cutlery, hand tools and general hardware	220	514	627	42	1 403	416	3	43	29	491	1 894
Manufacture of other fabricated metal products	1 154	4 201	3 727	1 805	10 887	4 207	228	224	448	5 107	15 994
Manufacture of pumps, compressors, taps and valves	361	1 546	1 181	166	3 254	792	196	88	249	1 325	4 579
Manufacture of bearings, gears, gearing and driving elements	251	300	293	25	869	170	128	37	23	358	1 227
Manufacture of agricultural and forestry machinery	244	301	434	67	1 046	215	12	43	68	338	1 384
Manufacture of machine tools	160	303	250	40	753	245	0	22	26	293	1 046
Manufacture of machinery for mining, quarrying and construction	1 111	2 583	3 688	352	7 734	1 295	147	182	166	1 790	9 524
Manufacture of machinery for food, beverage and tobacco processing	92	267	216	11	586	143	17	11	18	189	775
Manufacture of weapons and ammunition and other special purpose machinery	4 510	7 898	6 882	1 817	21 107	4 913	696	2 104	1 611	9 324	30 431

Table 10 – Details of assets in the manufacturing industry, 2008 (continued)

Type of manufacture	Current assets					Non-current assets					Total assets
	Bank	Debtors	Inventories	Other	Total	Fixed	Goodwill	Long-term loans	Other	Total	
	R million										
Division 36 - Electrical machinery and apparatus	2 457	6 295	5 104	549	14 405	3 794	539	520	1 644	6 497	20 902
Manufacture of electric motors, generators and transformers	996	1 957	1 266	161	4 380	550	67	57	240	914	5 294
Manufacture of electricity distribution and control apparatus	223	835	425	32	1 515	313	73	73	82	541	2 056
Manufacture of insulated wire and cable	273	1 630	1 441	40	3 384	954	80	222	30	1 286	4 670
Manufacture of accumulators, primary cells and batteries and lighting equipment	312	698	620	209	1 839	829	3	140	1 129	2 101	3 940
Manufacture of other electrical equipment	653	1 175	1 352	107	3 287	1 148	316	28	163	1 655	4 942
Division 37 - Telecommunication, medical and optical equipment and watches and clocks	1 048	2 912	2 252	483	6 695	1 156	512	328	624	2 620	9 315
Manufacture of electronic valves and tubes and other electronic components	358	489	411	130	1 388	166	35	28	45	274	1 662
Manufacture of television and radio transmitters and receivers, sound or video recording and line telephony apparatus	324	1 412	1 089	214	3 039	259	387	196	378	1 220	4 259
Manufacture of medical and surgical equipment and orthopaedic appliances	129	226	137	16	508	274	31	33	50	388	896
Manufacture of instruments and appliances for measuring, testing and navigating	202	503	507	79	1 291	214	30	19	91	354	1 645
Manufacture of industrial process control equipment	9	56	34	11	110	11	0	29	4	44	154
Manufacture of watches and clocks, optical instruments and photographic equipment	26	226	74	33	359	232	29	23	56	340	699

Table 10 – Details of assets in the manufacturing industry, 2008 (concluded)

Type of manufacture	Current assets					Non-current assets					Total assets
	Bank	Debtors	Inventories	Other	Total	Fixed	Goodwill	Long-term loans	Other	Total	
	R million										
Division 38 - Transport equipment	12 103	25 431	40 518	5 407	83 459	27 172	386	19 028	3 737	50 323	133 782
Manufacture of motor vehicles	8 621	13 548	28 830	3 270	54 269	17 777	45	17 754	2 221	37 797	92 066
Manufacture of bodies (coachwork) for motor vehicles, trailers and semi-trailers	196	1 129	1 667	126	3 118	704	7	175	300	1 186	4 304
Manufacture of parts for motor vehicles, ships and boats and their engines	2 781	8 959	8 171	1 308	21 219	6 905	310	841	778	8 834	30 053
Manufacture of railway and tramway locomotives and rolling stock	395	946	887	220	2 448	512	22	161	405	1 100	3 548
Manufacture of aircraft	107	835	943	477	2 362	1 267	2	97	31	1 397	3 759
Manufacture of other transport equipment	3	14	20	6	43	7	0	0	2	9	52
Division 39 - Furniture, other manufacturing and recycling	4 349	9 310	7 077	1 503	22 239	5 754	2 848	1 497	1 103	11 202	33 441
Manufacture of furniture	569	1 829	946	362	3 706	1 554	701	689	292	3 236	6 942
Manufacture of jewellery and related articles	280	1 329	2 454	156	4 219	454	2	162	225	843	5 062
Other manufacturing, including manufacturing of tobacco and tobacco products	2 781	4 030	2 697	555	10 063	2 455	690	278	515	3 938	14 001
Recycling of waste and scrap	719	2 122	980	430	4 251	1 291	1 455	368	71	3 185	7 436
Total	79 494	207 506	204 251	47 785	539 036	291 753	43 955	65 428	35 328	436 464	975 496

Table 11 – Details of liabilities in the manufacturing industry, 2008

Type of manufacture	Current liabilities				Non-current liabilities			Owners' equity	Liabilities and equity
	Creditors	Overdraft	Other	Total	Long-term loans	Other	Total		
	R million								
Division 30 - Food products and beverages	28 854	4 745	25 863	59 462	17 328	10 079	27 407	41 001	127 870
Production, processing and preserving of meat and meat products	1 717	268	619	2 604	1 850	775	2 625	2 725	7 954
Processing and preserving of fish and fish products	773	79	477	1 329	313	477	790	1 756	3 875
Processing and preserving of fruit and vegetables	1 682	301	1 330	3 313	2 020	573	2 593	2 684	8 590
Manufacture of vegetable and animal oils and fats	1 465	405	382	2 252	583	424	1 007	823	4 082
Manufacture of dairy products	2 936	565	1 249	4 750	679	760	1 439	2 678	8 867
Manufacture of grain mill products	2 210	79	1 288	3 577	771	824	1 595	3 946	9 118
Manufacture of prepared animal feeds	2 325	374	1 522	4 221	1 138	607	1 745	2 707	8 673
Manufacture of bakery products, sugar, cocoa, chocolate and sugar confectionery	4 289	377	4 127	8 793	4 314	2 243	6 557	7 496	22 846
Manufacture of other food products	3 529	1 049	1 915	6 493	3 211	642	3 853	5 747	16 093
Manufacture of alcoholic and non-alcoholic beverages	7 928	1 248	12 954	22 130	2 449	2 754	5 203	10 439	37 772
Division 31 - Textiles, clothing, leather and footwear	6 544	2 521	3 465	12 530	3 943	1 674	5 617	8 797	26 944
Preparation and spinning of textile fibres and weaving and finishing of textiles	1 008	560	555	2 123	1 450	462	1 912	1 926	5 961
Manufacture of made-up textile articles, except apparel	1 394	487	1 164	3 045	224	344	568	1 376	4 989
Manufacture of carpets, rugs and mats	299	91	78	468	386	65	451	430	1 349
Manufacture of cordage, rope, twine and netting	38	5	15	58	38	6	44	77	179
Manufacture of other textiles	414	128	264	806	291	136	427	840	2 073
Manufacture of knitted and crocheted fabrics and articles	435	68	106	609	376	111	487	377	1 473
Manufacture of wearing apparel, except fur apparel	2 123	707	865	3 695	758	357	1 115	2 298	7 108
Dressing and dyeing of fur, articles of fur and tanning and dressing of leather	357	309	197	863	180	86	266	560	1 689
Manufacture of luggage, handbags and the like, saddlery and harness	139	65	44	248	100	43	143	113	504
Manufacture of footwear	337	101	177	615	140	64	204	800	1 619

Table 11 – Details of liabilities in the manufacturing industry, 2008 (continued)

Type of manufacture	Current liabilities				Non-current liabilities			Owners' equity	Liabilities and equity
	Creditors	Overdraft	Other	Total	Long-term loans	Other	Total		
	R million								
Division 32 - Wood, wood products, paper, publishing and printing	13 504	3 540	17 873	34 917	18 305	10 421	28 726	40 446	104 089
Sawmilling and planing of wood	695	59	1 663	2 417	1 887	820	2 707	1 706	6 830
Manufacture of veneer sheets, plywood and other boards and carpentry and joinery	1 302	103	3 121	4 526	944	265	1 209	2 799	8 534
Manufacture of wooden containers	143	6	40	189	52	18	70	95	354
Manufacture of other products of wood, articles of cork, straw and plaiting materials	269	43	123	435	442	182	624	471	1 530
Manufacture of pulp, paper and paperboard and articles of paper and paperboard	6 823	2 255	8 187	17 265	11 334	6 550	17 884	22 432	57 581
Publishing of books, brochures, musical books and other publications	790	11	548	1 349	352	141	493	1 996	3 838
Publishing of newspapers, periodicals, recorded media and other publishing	1 716	870	2 461	5 047	1 947	832	2 779	6 411	14 237
Printing	1 530	118	1 623	3 271	1 152	1 554	2 706	3 718	9 695
Service activities related to printing	171	75	73	319	65	57	122	649	1 090
Reproduction of recorded media	65	0	34	99	130	2	132	169	400

Table 11 – Details of liabilities in the manufacturing industry, 2008 (continued)

Type of manufacture	Current liabilities				Non-current liabilities			Owners' equity	Liabilities and equity
	Creditors	Overdraft	Other	Total	Long-term loans	Other	Total		
	R million								
Division 33 - Coke, petroleum, chemical products, rubber and plastic	56 429	10 365	28 262	95 056	46 474	20 323	66 797	99 341	261 194
Manufacture of coke oven products	430	21	267	718	22	41	63	545	1 326
Manufacture of petrol, fuel oils and other petroleum/synthesised products	27 070	4 354	11 097	42 521	10 098	9 678	19 776	45 548	107 845
Manufacture of basic chemicals, except fertilisers and nitrogen compounds	3 324	355	2 157	5 836	3 051	2 286	5 337	8 250	19 423
Manufacture of fertilisers, nitrogen compounds, plastics and synthetic rubber	8 040	519	3 599	12 158	24 204	3 784	27 988	9 577	49 723
Manufacture of pesticides and other agro-chemical products	343	93	182	618	57	5	62	197	877
Manufacture of paints, varnishes and similar coatings, printing ink and mastics	1 403	274	643	2 320	839	223	1 062	3 264	6 646
Manufacture of pharmaceuticals, medicinal chemicals and botanical products	1 846	1 606	4 903	8 355	478	395	873	7 469	16 697
Manufacture of soap and detergents, perfumes and toilet preparations	3 605	609	1 342	5 556	784	721	1 505	10 934	17 995
Manufacture of other chemical products	3 528	1 062	825	5 415	1 484	663	2 147	4 947	12 509
Manufacture of rubber tyres and tubes and other rubber products; retreading of tyres	2 281	538	1 126	3 945	1 068	762	1 830	2 489	8 264
Manufacture of plastic products	4 559	934	2 121	7 614	4 389	1 765	6 154	6 121	19 889
Division 34 - Glass and other non-metallic mineral products	7 570	672	14 890	23 132	13 570	2 673	16 243	15 395	54 770
Manufacture of glass and glass products and non-structural non-refractory ceramicware	1 727	221	1 515	3 463	7 330	1 211	8 541	2 346	14 350
Manufacture of refractory ceramic products	998	25	326	1 349	188	76	264	1 477	3 090
Manufacture of structural non-refractory clay and ceramic products	531	67	152	750	320	230	550	5 335	6 635
Manufacture of cement, lime and plaster and articles of concrete, cement and plaster	3 917	328	12 668	16 913	5 417	966	6 383	5 612	28 908
Cutting and shaping of stone and manufacture of other non-metallic mineral products	397	31	229	657	315	190	505	625	1 787

Table 11 – Details of liabilities in the manufacturing industry, 2008 (continued)

Type of manufacture	Current liabilities				Non-current liabilities			Owners' equity	Liabilities and equity
	Creditors	Overdraft	Other	Total	Long-term loans	Other	Total		
	R million								
Division 35 - Metals, metal products, machinery and equipment	42 484	6 089	30 231	78 804	25 008	23 399	48 407	75 978	203 189
Manufacture of basic iron and steel and of primary iron and steel products	9 412	2 843	3 845	16 100	10 866	13 032	23 898	31 475	71 473
Manufacture of basic precious and non-ferrous metals	9 646	579	7 476	17 701	1 474	4 696	6 170	17 457	41 328
Casting of iron and steel	422	56	481	959	49	32	81	270	1 310
Casting of non-ferrous metals	93	22	23	138	63	38	101	129	368
Manufacture of structural metal products	3 603	503	2 679	6 785	2 651	708	3 359	3 514	13 658
Manufacture of tanks, reservoirs and similar containers of metal	304	24	147	475	37	16	53	265	793
Manufacture of steam generators, except central heating water boilers	141	12	470	623	50	12	62	84	769
Forging, pressing, stamping and roll-forming of metal; powder metallurgy	353	81	130	564	306	153	459	580	1 603
Treatment and coating of metals; general mechanical engineering	1 091	207	563	1 861	1 001	631	1 632	1 539	5 032
Manufacture of cutlery, hand tools and general hardware	381	58	271	710	403	99	502	682	1 894
Manufacture of other fabricated metal products	4 009	470	2 617	7 096	1 785	1 466	3 251	5 647	15 994
Manufacture of pumps, compressors, taps and valves	1 065	167	701	1 933	802	337	1 139	1 507	4 579
Manufacture of bearings, gears, gearing and driving elements	274	12	100	386	41	65	106	735	1 227
Manufacture of agricultural and forestry machinery	326	54	114	494	215	119	334	556	1 384
Manufacture of machine tools	364	37	571	972	119	52	171	-97	1 046
Manufacture of machinery for mining, quarrying and construction	2 706	246	2 249	5 201	960	300	1 260	3 063	9 524
Manufacture of machinery for food, beverage and tobacco processing	184	13	109	306	52	20	72	397	775
Manufacture of weapons and ammunition and other special purpose machinery	8 110	705	7 685	16 500	4 134	1 623	5 757	8 175	30 432

Table 11 – Details of liabilities in the manufacturing industry, 2008 (continued)

Type of manufacture	Current liabilities				Non-current liabilities			Owners' equity	Liabilities and equity
	Creditors	Overdraft	Other	Total	Long-term loans	Other	Total		
	R million								
Division 36 - Electrical machinery and apparatus	5 222	346	2 836	8 404	2 719	872	3 591	8 907	20 902
Manufacture of electric motors, generators and transformers	1 965	47	679	2 691	270	210	480	2 123	5 294
Manufacture of electricity distribution and control apparatus	552	46	174	772	186	60	246	1 038	2 056
Manufacture of insulated wire and cable	942	98	684	1 724	383	112	495	2 451	4 670
Manufacture of accumulators, primary cells and batteries and lighting equipment	684	95	417	1 196	1 337	49	1 386	1 358	3 940
Manufacture of other electrical equipment	1 079	60	882	2 021	543	441	984	1 937	4 942
Division 37 - Telecommunication, medical and optical equipment and watches and clocks	2 397	194	1 922	4 513	664	494	1 158	3 644	9 315
Manufacture of electronic valves and tubes and other electronic components	369	32	375	776	89	105	194	692	1 662
Manufacture of television and radio transmitters and receivers, sound or video recording and line telephony apparatus	1196	48	1177	2421	182	132	314	1 524	4 259
Manufacture of medical and surgical equipment and orthopaedic appliances	141	35	96	272	81	32	113	511	896
Manufacture of instruments and appliances for measuring, testing and navigating	466	56	154	676	138	153	291	678	1 645
Manufacture of industrial process control equipment	38	8	7	53	50	3	53	48	154
Manufacture of watches and clocks, optical instruments and photographic equipment	187	15	113	315	124	69	193	191	699

Table 11 – Details of liabilities in the manufacturing industry, 2008 (concluded)

Type of manufacture	Current liabilities				Non-current liabilities			Owners' equity	Liabilities and equity
	Creditors	Overdraft	Other	Total	Long-term loans	Other	Total		
	R million								
Division 38 - Transport equipment	29 827	5 357	17 460	52 644	28 384	7 622	36 006	45 132	133 782
Manufacture of motor vehicles	19 409	3 551	11 065	34 025	20 601	6 201	26 802	31 239	92 066
Manufacture of bodies (coachwork) for motor vehicles, trailers and semi-trailers	1 355	455	379	2 189	507	232	739	1 376	4 304
Manufacture of parts for motor vehicles, ships and boats and their engines	7 638	1 153	3 164	11 955	5 257	987	6 244	11 854	30 053
Manufacture of railway and tramway locomotives and rolling stock	882	85	798	1 765	384	26	410	1 373	3 548
Manufacture of aircraft	525	109	2 051	2 685	1 619	174	1 793	-719	3 759
Manufacture of other transport equipment	18	4	3	25	16	2	18	9	52
Division 39 - Furniture, other manufacturing and recycling	10 920	1 482	10 838	23 240	6 750	3 337	10 087	114	33 441
Manufacture of furniture	1 583	243	465	2 291	1 499	1 352	2 851	1 800	6 942
Manufacture of jewellery and related articles	1 304	992	558	2 854	499	502	1 001	1 207	5 062
Other manufacturing, including manufacturing of tobacco and tobacco products	6 892	185	8 995	16 072	1 661	1 312	2 973	-5 044	14 001
Recycling of waste and scrap	1 141	62	820	2 023	3 091	171	3 262	2 151	7 436
Total	203 751	35 311	153 640	392 702	163 145	80 894	244 039	338 755	975 496

Table 12 – Details of capital expenditure on new assets in the manufacturing industry, 2008

Type of manufacture	Land, buildings and construction	Vehicles	Plant and equipment	Computers and other IT equipment	Intangible assets	Other	Total capital expenditure
	R million						
Division 30 - Food products and beverages	2 324	788	5 133	319	941	50	9 555
Production, processing and preserving of meat and meat products	272	132	356	11	278	4	1 053
Processing and preserving of fish and fish products	14	31	79	10	38	1	173
Processing and preserving of fruit and vegetables	513	40	312	77	85	9	1 036
Manufacture of vegetable and animal oils and fats	14	9	53	2	3	0	81
Manufacture of dairy products	204	36	333	18	18	1	610
Manufacture of grain mill products	97	41	447	6	185	1	777
Manufacture of prepared animal feeds	75	35	341	3	11	9	474
Manufacture of bakery products, sugar, cocoa, chocolate and sugar confectionery	92	84	806	28	234	5	1 249
Manufacture of other food products	103	89	571	37	21	13	834
Manufacture of alcoholic and non-alcoholic beverages	940	291	1 835	127	68	7	3 268
Division 31 - Textiles, clothing, leather and footwear	32	84	894	24	19	83	1 136
Preparation and spinning of textile fibres and weaving and finishing of textiles	9	13	250	2	0	30	304
Manufacture of made-up textile articles, except apparel	0	12	232	4	1	8	257
Manufacture of carpets, rugs and mats	1	8	69	1	0	1	80
Manufacture of cordage, rope, twine and netting	7	1	8	0	0	1	17
Manufacture of other textiles	1	13	104	2	0	0	120
Manufacture of knitted and crocheted fabrics and articles	0	2	39	1	0	1	43
Manufacture of wearing apparel, except fur apparel	11	16	127	8	18	39	219
Dressing and dyeing of fur, articles of fur and tanning and dressing of leather	3	10	39	2	0	0	54
Manufacture of luggage, handbags and the like, saddlery and harness	0	4	9	1	0	2	16
Manufacture of footwear	0	5	17	3	0	1	26

Table 12 – Details of capital expenditure on new assets in the manufacturing industry, 2008 (continued)

Type of manufacture	Land, buildings and construction	Vehicles	Plant and equipment	Computers and other IT equipment	Intangible assets	Other	Total capital expenditure
	R million						
Division 32 - Wood, wood products, paper, publishing and printing	755	313	5 428	66	73	32	6 667
Sawmilling and planing of wood	50	110	95	2	1	7	265
Manufacture of veneer sheets, plywood and other boards and carpentry and joinery	424	47	69	5	1	3	549
Manufacture of wooden containers	0	6	4	0	0	0	10
Manufacture of other products of wood, articles of cork, straw and plaiting materials	0	11	36	3	5	13	68
Manufacture of pulp, paper and paperboard and articles of paper and paperboard	186	46	4 063	9	60	7	4 371
Publishing of books, brochures, musical books and other publications	0	12	22	13	1	0	48
Publishing of newspapers, periodicals, recorded media and other publishing	94	52	483	19	3	2	653
Printing	1	26	607	13	2	0	649
Service activities related to printing	0	2	19	1	0	1	23
Reproduction of recorded media	0	0	30	1	0	0	31
Division 33 - Coke, petroleum, chemical products, rubber and plastic	1 892	875	9 673	215	1 731	695	15 081
Manufacture of coke oven products	3	1	17	0	3	10	34
Manufacture of petrol, fuel oils and other petroleum/synthesised products	728	432	3 681	23	27	124	5 015
Manufacture of basic chemicals, except fertilisers and nitrogen compounds	59	107	1 829	62	237	39	2 333
Manufacture of fertilisers, nitrogen compounds, plastics and synthetic rubber	664	20	1 233	4	69	2	1 992
Manufacture of pesticides and other agro-chemical products	0	2	13	2	11	0	28
Manufacture of paints, varnishes and similar coatings, printing ink and mastics	31	66	163	21	1 098	20	1 399
Manufacture of pharmaceuticals, medicinal chemicals and botanical products	57	9	315	27	40	384	832
Manufacture of soap and detergents, perfumes and toilet preparations	51	29	390	8	23	1	502
Manufacture of other chemical products	196	54	245	42	11	33	581
Manufacture of rubber tyres and tubes and other rubber products; retreading of tyres	80	28	334	4	54	5	505
Manufacture of plastic products	23	127	1 453	22	158	77	1 860

Table 12 – Details of capital expenditure on new assets in the manufacturing industry, 2008 (continued)

Type of manufacture	Land, buildings and construction	Vehicles	Plant and equipment	Computers and other IT equipment	Intangible assets	Other	Total capital expenditure
	R million						
Division 34 - Glass and other non-metallic mineral products	315	171	2 769	26	224	335	3 840
Manufacture of glass and glass products and non-structural non-refractory ceramicware	167	20	835	3	53	0	1 078
Manufacture of refractory ceramic products	14	7	98	2	0	0	121
Manufacture of structural non-refractory clay and ceramic products	43	32	514	4	16	3	612
Manufacture of cement, lime and plaster and articles of concrete, cement and plaster	90	101	1 291	8	155	324	1 969
Cutting and shaping of stone and manufacture of other non-metallic mineral products	1	11	31	9	0	8	60
Division 35 - Metals, metal products, machinery and equipment	2 135	1 295	5 179	301	269	458	9 637
Manufacture of basic iron and steel and of primary iron and steel products	1 624	85	2 286	14	15	203	4 227
Manufacture of basic precious and non-ferrous metals	130	347	444	8	1	181	1 111
Casting of iron and steel	0	5	53	1	0	0	59
Casting of non-ferrous metals	9	4	23	0	0	0	36
Manufacture of structural metal products	64	189	328	22	4	9	616
Manufacture of tanks, reservoirs and similar containers of metal	0	7	10	1	1	1	20
Manufacture of steam generators, except central heating water boilers	16	6	8	7	0	5	42
Forging, pressing, stamping and roll-forming of metal; powder metallurgy	5	4	107	1	0	0	117
Treatment and coating of metals; general mechanical engineering	22	91	154	6	2	0	275
Manufacture of cutlery, hand tools and general hardware	0	9	48	5	3	2	67
Manufacture of other fabricated metal products	48	100	558	10	198	17	931
Manufacture of pumps, compressors, taps and valves	5	66	161	5	1	9	247
Manufacture of bearings, gears, gearing and driving elements	0	7	20	1	0	1	29
Manufacture of agricultural and forestry machinery	3	5	29	1	0	0	38
Manufacture of machine tools	4	14	22	1	0	3	44
Manufacture of machinery for mining, quarrying and construction	74	65	156	10	6	0	311
Manufacture of machinery for food, beverage and tobacco processing	0	5	34	5	1	2	47
Manufacture of weapons and ammunition and other special purpose machinery	131	286	738	203	37	25	1 420

Table 12 – Details of capital expenditure on new assets in the manufacturing industry, 2008 (concluded)

Type of manufacture	Land, buildings and construction	Vehicles	Plant and equipment	Computers and other IT equipment	Intangible assets	Other	Total capital expenditure
	R million						
Division 36 - Electrical machinery and apparatus	176	103	655	26	85	138	1 183
Manufacture of electric motors, generators and transformers	36	32	96	4	11	1	180
Manufacture of electricity distribution and control apparatus	7	14	103	5	9	0	138
Manufacture of insulated wire and cable	115	7	217	7	53	104	503
Manufacture of accumulators, primary cells and batteries and lighting equipment	1	24	145	1	0	-1	170
Manufacture of other electrical equipment	17	26	94	9	12	34	192
Division 37 - Telecommunication, medical and optical equipment and watches and clocks	7	37	146	15	9	17	231
Manufacture of electronic valves and tubes and other electronic components	5	2	19	3	1	1	31
Manufacture of television and radio transmitters and receivers, sound or video recording and line telephony apparatus	1	3	20	2	3	9	38
Manufacture of medical and surgical equipment and orthopaedic appliances	0	18	25	1	0	1	45
Manufacture of instruments and appliances for measuring, testing and navigating	1	12	58	8	4	4	87
Manufacture of industrial process control equipment	0	1	0	0	0	0	1
Manufacture of watches and clocks, optical instruments and photographic equipment	0	1	24	1	1	2	29
Division 38 - Transport equipment	783	748	4 541	82	197	393	6 744
Manufacture of motor vehicles	598	576	3 318	39	119	285	4 935
Manufacture of bodies (coachwork) for motor vehicles, trailers and semi-trailers	35	48	114	7	3	3	210
Manufacture of parts for motor vehicles, ships and boats and their engines	121	109	927	28	58	78	1 321
Manufacture of railway and tramway locomotives and rolling stock	3	9	128	5	0	5	150
Manufacture of aircraft	26	6	52	3	17	22	126
Manufacture of other transport equipment	0	0	2	0	0	0	2
Division 39 - Furniture, other manufacturing and recycling	69	232	1 273	35	739	24	2 372
Manufacture of furniture	26	71	366	15	718	10	1 206
Manufacture of jewellery and related articles	0	15	46	3	2	1	67
Other manufacturing, including manufacturing of tobacco and tobacco products	25	57	450	11	19	7	569
Recycling of waste and scrap	18	89	411	6	0	6	530
Total	8 488	4 646	35 691	1 109	4 287	2 225	56 446

Table 13 – Employment in the manufacturing industry at the end of June, 2008

Type of manufacture	Female	Male	Total employees
Division 30 - Food products and beverages	73 668	117 941	191 609
Production, processing and preserving of meat and meat products	10 184	15 581	25 765
Processing and preserving of fish and fish products	4 838	5 030	9 868
Processing and preserving of fruit and vegetables	11 380	10 495	21 875
Manufacture of vegetable and animal oils and fats	850	2 095	2 945
Manufacture of dairy products	4 324	11 211	15 535
Manufacture of grain mill products	3 686	9 862	13 548
Manufacture of prepared animal feeds	3 742	7 567	11 309
Manufacture of bakery products, sugar, cocoa, chocolate and sugar confectionery	15 862	21 092	36 954
Manufacture of other food products	10 444	13 288	23 732
Manufacture of alcoholic and non-alcoholic beverages	8 358	21 720	30 078
Division 31 - Textiles, clothing, leather and footwear	111 585	57 327	168 912
Preparation and spinning of textile fibres and weaving and finishing of textiles	11 240	8 986	20 226
Manufacture of made-up textile articles, except apparel	19 711	12 915	32 626
Manufacture of carpets, rugs and mats	883	2 603	3 486
Manufacture of cordage, rope, twine and netting	428	511	939
Manufacture of other textiles	6 570	5 028	11 598
Manufacture of knitted and crocheted fabrics and articles	4 546	2 740	7 286
Manufacture of wearing apparel, except fur apparel	59 521	14 121	73 642
Dressing and dyeing of fur, articles of fur and tanning and dressing of leather	1 755	3 693	5 448
Manufacture of luggage, handbags and the like, saddlery and harness	3 036	2 022	5 058
Manufacture of footwear	3 895	4 708	8 603
Division 32 - Wood, wood products, paper, publishing and printing	50 518	108 627	159 145
Sawmilling and planing of wood	5 772	14 605	20 377
Manufacture of veneer sheets, plywood and other boards and carpentry and joinery	3 693	14 213	17 906
Manufacture of wooden containers	467	2 855	3 322
Manufacture of other products of wood, articles of cork, straw and plaiting materials	2 885	13 491	16 376
Manufacture of pulp, paper and paperboard and articles of paper and paperboard	13 707	32 785	46 492
Publishing of books, brochures, musical books and other publications	2 553	2 682	5 235
Publishing of newspapers, periodicals, recorded media and other publishing	10 059	10 451	20 510
Printing	10 076	16 166	26 242
Service activities related to printing	1 175	1 136	2 311
Reproduction of recorded media	131	243	374

Table 13 – Employment in the manufacturing industry at the end of June 2008 (continued)

Type of manufacture	Female	Male	Total employees
Division 33 - Coke, petroleum, chemical products, rubber and plastic	54 257	116 857	171 114
Manufacture of coke oven products	265	1 078	1 343
Manufacture of petrol, fuel oils and other petroleum/synthesised products	4 714	13 175	17 889
Manufacture of basic chemicals, except fertilisers and nitrogen compounds	3 406	10 201	13 607
Manufacture of fertilisers, nitrogen compounds, plastics and synthetic rubber	5 701	12 547	18 248
Manufacture of pesticides and other agro-chemical products	296	639	935
Manufacture of paints, varnishes and similar coatings, printing ink and mastics	2 716	9 127	11 843
Manufacture of pharmaceuticals, medicinal chemicals and botanical products	7 721	7 956	15 677
Manufacture of soap and detergents, perfumes and toilet preparations	6 166	8 244	14 410
Manufacture of other chemical products	4 085	7 162	11 247
Manufacture of rubber tyres and tubes and other rubber products; retreading of tyres	2 379	11 902	14 281
Manufacture of plastic products	16 808	34 826	51 634
Division 34 - Glass and other non-metallic mineral products	14 925	48 364	63 289
Manufacture of glass and glass products and non-structural non-refractory ceramicware	1 664	7 094	8 758
Manufacture of refractory ceramic products	852	4 812	5 664
Manufacture of structural non-refractory clay and ceramic products	4 846	10 669	15 515
Manufacture of cement, lime and plaster and articles of concrete, cement and plaster	6 253	21 853	28 106
Cutting and shaping of stone and manufacture of other non-metallic mineral products	1 310	3 936	5 246

Table 13 – Employment in the manufacturing industry at the end of June 2008 (continued)

Type of manufacture	Female	Male	Total employees
Division 35 - Metals, metal products, machinery and equipment	52 453	258 482	310 935
Manufacture of basic iron and steel and of primary iron and steel products	3 824	42 465	46 289
Manufacture of basic precious and non-ferrous metals	5 863	16 493	22 356
Casting of iron and steel	1 589	4 999	6 588
Casting of non-ferrous metals	225	1 297	1 522
Manufacture of structural metal products	4 460	28 236	32 696
Manufacture of tanks, reservoirs and similar containers of metal	360	1 950	2 310
Manufacture of steam generators, except central heating water boilers	481	1 516	1 997
Forging, pressing, stamping and roll-forming of metal; powder metallurgy	716	2 877	3 593
Treatment and coating of metals; general mechanical engineering	3 665	24 637	28 302
Manufacture of cutlery, hand tools and general hardware	1 503	4 674	6 177
Manufacture of other fabricated metal products	6 786	30 630	37 416
Manufacture of pumps, compressors, taps and valves	2 403	10 972	13 375
Manufacture of bearings, gears, gearing and driving elements	280	1 544	1 824
Manufacture of agricultural and forestry machinery	766	4 165	4 931
Manufacture of machine tools	698	3 741	4 439
Manufacture of machinery for mining, quarrying and construction	2 126	15 994	18 120
Manufacture of machinery for food, beverage and tobacco processing	363	1 935	2 298
Manufacture of weapons and ammunition and other special purpose machinery	16 345	60 357	76 702
Division 36 - Electrical machinery and apparatus	13 536	27 772	41 308
Manufacture of electric motors, generators and transformers	2 303	5 402	7 705
Manufacture of electricity distribution and control apparatus	1 236	4 017	5 253
Manufacture of insulated wire and cable	792	5 905	6 697
Manufacture of accumulators, primary cells and batteries and lighting equipment	2 074	5 365	7 439
Manufacture of other electrical equipment	7 131	7 083	14 214
Division 37 - Telecommunication, medical and optical equipment and watches and clocks	7 778	12 012	19 790
Manufacture of electronic valves and tubes and other electronic components	1 669	2 068	3 737
Manufacture of television and radio transmitters and receivers, sound or video recording and line telephony apparatus	2 327	3 621	5 948
Manufacture of medical and surgical equipment and orthopaedic appliances	1 483	2 331	3 814
Manufacture of instruments and appliances for measuring, testing and navigating	1 341	2 898	4 239
Manufacture of industrial process control equipment	166	334	500
Manufacture of watches and clocks, optical instruments and photographic equipment	792	760	1 552

Table 13 – Employment in the manufacturing industry at the end of June 2008 (concluded)

Type of manufacture	Female	Male	Total employees
Division 38 - Transport equipment	23 446	108 707	132 153
Manufacture of motor vehicles	5 896	36 874	42 770
Manufacture of bodies (coachwork) for motor vehicles, trailers and semi-trailers	2 514	16 261	18 775
Manufacture of parts for motor vehicles, ships and boats and their engines	13 029	45 282	58 311
Manufacture of railway and tramway locomotives and rolling stock	731	4 959	5 690
Manufacture of aircraft	1 175	5 219	6 394
Manufacture of other transport equipment	101	112	213
Division 39 - Furniture, other manufacturing and recycling	27 901	58 014	85 915
Manufacture of furniture	9 308	27 135	36 443
Manufacture of jewellery and related articles	3 146	3 262	6 408
Other manufacturing, including manufacturing of tobacco and tobacco products	13 837	20 768	34 605
Recycling of waste and scrap	1 610	6 849	8 459
Total	430 067	914 103	1 344 170

Table 14 – Employment by enterprise size in the manufacturing industry, 2008

Type of manufacture	Large enterprises	Medium enterprises	Small enterprises	Micro enterprises	Total employees
Division 30 - Food products and beverages	143 304	26 056	10 814	11 435	191 609
Division 31 - Textiles, clothing, leather and footwear	78 637	35 346	23 101	31 828	168 912
Division 32 - Wood, wood products, paper, publishing and printing	89 490	31 503	17 895	20 257	159 145
Division 33 - Coke, petroleum, chemical products, rubber and plastic	119 321	30 864	10 591	10 338	171 114
Division 34 - Glass and other non-metallic mineral products	37 139	14 481	6 270	5 399	63 289
Division 35 - Metals, metal products, machinery and equipment	135 630	66 367	48 771	60 167	310 935
Division 36 - Electrical machinery and apparatus	28 038	7 607	2 433	3 230	41 308
Division 37 - Telecommunication, medical and optical equipment and watches and clocks	9 722	5 229	2 043	2 796	19 790
Division 38 - Transport equipment	88 691	23 318	8 833	11 311	132 153
Division 39 - Furniture, other manufacturing and recycling	29 069	22 425	13 882	20 539	85 915
Total	759 041	263 196	144 633	177 300	1 344 170

Table 15 – Imports and exports in the manufacturing industry, 2008

Type of manufacture	Value of goods imported	Value of goods exported
	R million	
Division 30 - Food products and beverages	7 565	11 977
Production, processing and preserving of meat and meat products	172	277
Processing and preserving of fish and fish products	562	1 504
Processing and preserving of fruit and vegetables	421	2 515
Manufacture of vegetable and animal oils and fats	876	44
Manufacture of dairy products	1 250	348
Manufacture of grain mill products	168	312
Manufacture of prepared animal feeds	1 347	590
Manufacture of bakery products, sugar, cocoa, chocolate and sugar confectionery	617	2 163
Manufacture of other food products	1 298	684
Manufacture of alcoholic and non-alcoholic beverages	854	3 540
Division 31 - Textiles, clothing, leather and footwear	4 306	2 409
Preparation and spinning of textile fibres and weaving and finishing of textiles	824	819
Manufacture of made-up textile articles, except apparel	468	326
Manufacture of carpets, rugs and mats	55	101
Manufacture of cordage, rope, twine and netting	3	4
Manufacture of other textiles	251	192
Manufacture of knitted and crocheted fabrics and articles	90	77
Manufacture of wearing apparel, except fur apparel	1 417	406
Dressing and dyeing of fur, articles of fur and tanning and dressing of leather	724	331
Manufacture of luggage, handbags and the like, saddlery and harness	122	109
Manufacture of footwear	352	44

Table 15 – Imports and exports in the manufacturing industry, 2008 (continued)

Type of manufacture	Value of goods imported	Value of goods exported
	R million	
Division 32 - Wood, wood products, paper, publishing and printing	3 937	13 256
Sawmilling and planing of wood	9	1 384
Manufacture of veneer sheets, plywood and other boards and carpentry and joinery	462	203
Manufacture of wooden containers	1	7
Manufacture of other products of wood, articles of cork, straw and plaiting materials	102	27
Manufacture of pulp, paper and paperboard and articles of paper and paperboard	3 017	11 358
Publishing of books, brochures, musical books and other publications	63	58
Publishing of newspapers, periodicals, recorded media and other publishing	30	16
Printing	220	190
Service activities related to printing	4	4
Reproduction of recorded media	29	9
Division 33 - Coke, petroleum, chemical products, rubber and plastic	51 454	34 988
Manufacture of coke oven products	10	30
Manufacture of petrol, fuel oils and other petroleum/synthesised products	36 894	23 206
Manufacture of basic chemicals, except fertilisers and nitrogen compounds	1 597	3 767
Manufacture of fertilisers, nitrogen compounds, plastics and synthetic rubber	3 214	2 370
Manufacture of pesticides and other agro-chemical products	94	418
Manufacture of paints, varnishes and similar coatings, printing ink and mastics	474	182
Manufacture of pharmaceuticals, medicinal chemicals and botanical products	1 021	409
Manufacture of soap and detergents, perfumes and toilet preparations	984	737
Manufacture of other chemical products	2 586	1 551
Manufacture of rubber tyres and tubes and other rubber products; retreading of tyres	2 583	977
Manufacture of plastic products	1 997	1 341
Division 34 - Glass and other non-metallic mineral products	2 879	2 386
Manufacture of glass and glass products and non-structural non-refractory ceramicware	1 837	1 338
Manufacture of refractory ceramic products	261	254
Manufacture of structural non-refractory clay and ceramic products	135	1
Manufacture of cement, lime and plaster and articles of concrete, cement and plaster	448	165
Cutting and shaping of stone and manufacture of other non-metallic mineral products	198	628

Table 15 – Imports and exports in the manufacturing industry, 2008 (continued)

Type of manufacture	Value of goods imported	Value of goods exported
	R million	
Division 35 - Metals, metal products, machinery and equipment	21 042	42 808
Manufacture of basic iron and steel and of primary iron and steel products	118	15 316
Manufacture of basic precious and non-ferrous metals	12 620	19 385
Casting of iron and steel	45	100
Casting of non-ferrous metals	12	117
Manufacture of structural metal products	1 241	980
Manufacture of tanks, reservoirs and similar containers of metal	127	22
Manufacture of steam generators, except central heating water boilers	93	222
Forging, pressing, stamping and roll-forming of metal; powder metallurgy	0	53
Treatment and coating of metals; general mechanical engineering	90	50
Manufacture of cutlery, hand tools and general hardware	267	138
Manufacture of other fabricated metal products	771	1 323
Manufacture of pumps, compressors, taps and valves	578	564
Manufacture of bearings, gears, gearing and driving elements	130	61
Manufacture of agricultural and forestry machinery	205	233
Manufacture of machine tools	143	290
Manufacture of machinery for mining, quarrying and construction	1 165	1 291
Manufacture of machinery for food, beverage and tobacco processing	255	187
Manufacture of weapons and ammunition and other special purpose machinery	3 182	2 476
Division 36 - Electrical machinery and apparatus	3 605	3 142
Manufacture of electric motors, generators and transformers	960	668
Manufacture of electricity distribution and control apparatus	463	663
Manufacture of insulated wire and cable	296	586
Manufacture of accumulators, primary cells and batteries and lighting equipment	158	248
Manufacture of other electrical equipment	1 728	977

Table 15 – Imports and exports in the manufacturing industry, 2008 (concluded)

Type of manufacture	Value of goods imported	Value of goods exported
	R million	
Division 37 - Telecommunication, medical and optical equipment and watches and clocks	1 422	2 213
Manufacture of electronic valves and tubes and other electronic components	181	265
Manufacture of television and radio transmitters and receivers, sound or video recording and line telephony apparatus	793	1 253
Manufacture of medical and surgical equipment and orthopaedic appliances	50	145
Manufacture of instruments and appliances for measuring, testing and navigating	283	504
Manufacture of industrial process control equipment	41	22
Manufacture of watches and clocks, optical instruments and photographic equipment	74	24
Division 38 - Transport equipment	61 170	52 099
Manufacture of motor vehicles	55 367	42 395
Manufacture of bodies (coachwork) for motor vehicles, trailers and semi-trailers	305	532
Manufacture of parts for motor vehicles, ships and boats and their engines	4 056	7 859
Manufacture of railway and tramway locomotives and rolling stock	1 110	970
Manufacture of aircraft	320	341
Manufacture of other transport equipment	12	2
Division 39 - Furniture, other manufacturing and recycling	2 222	11 208
Manufacture of furniture	191	250
Manufacture of jewellery and related articles	213	2 689
Other manufacturing, including manufacturing of tobacco and tobacco products	1 427	1 777
Recycling of waste and scrap	391	6 492
Total	159 602	176 486

Table 16 – Information communication technology usage in the manufacturing industry, 2008

Type of manufacture	Use of computers for business	Financial services via the internet	Have a web-page	Receives orders via the internet	Places orders via the internet	IT department is out-sourced
	%					
Division 30 - Food products and beverages	93,8	89,9	39,8	28,0	21,2	46,4
Division 31 - Textiles, clothing, leather and footwear	95,4	91,7	39,8	32,9	27,4	34,6
Division 32 - Wood, wood products, paper, publishing and printing	98,1	93,4	45,0	44,1	34,1	38,4
Division 33 - Coke, petroleum, chemical products, rubber and plastic	95,1	90,0	45,4	37,1	31,7	42,1
Division 34 - Glass and other non-metallic mineral products	98,8	97,0	52,7	32,0	26,0	39,6
Division 35 - Metals, metal products, machinery and equipment	92,2	91,3	33,8	36,5	29,8	38,2
Division 36 - Electrical machinery and apparatus	97,2	95,9	49,1	35,6	39,7	32,8
Division 37 - Telecommunication, medical and optical equipment and watches and clocks	98,1	95,7	52,6	32,7	40,3	23,7
Division 38 - Transport equipment	93,4	89,5	46,0	35,0	25,6	37,0
Division 39 - Furniture, other manufacturing and recycling	97,5	93,4	46,4	37,0	27,6	42,5
All	94,9	91,9	41,4	36,3	29,7	38,9

Table 17 – Information communication technology usage by size group in the manufacturing industry, 2008

Size group	Enterprises which use computers for business purposes	Enterprises which access financial services via the internet	Enterprises which have a web-page	Enterprises which receive orders via the internet	Enterprises which place orders via the internet	Enterprises whose information technology (IT) activities are out-sourced
	%					
Large	99,4	96,5	68,8	34,6	30,3	46,2
Medium	99,1	95,5	51,5	41,6	32,7	50,5
Small	97,8	92,9	38,3	39,3	33,2	43,6
Micro	90,2	86,2	26,7	32,2	27,4	23,8
All enterprises	94,9	91,9	41,4	36,3	29,7	38,9

Explanatory notes

Business register	The sample was drawn from Stats SA's business register. The business register is based mainly on the income tax (IT) and value added tax (VAT) databases of the South African Revenue Service (SARS). All enterprises are legally bound to register for either VAT or IT or both. Enterprises registered in the taxation system are included on the business register, and hence were given a chance of selection in the sample for the survey.
Classification by industry	The 1993 edition of the <i>Standard Industrial Classification of all Economic Activities</i> (SIC), Fifth Edition, Report No. 09-09-02, was used to classify the statistical units in the survey. The SIC is based on the 1990 <i>International Standard Industrial Classification of all Economic Activities</i> (ISIC) with suitable adaptations for local conditions. Statistics in this publication are presented at SIC group (four-digit) level. Each enterprise is classified to an industry which reflects its predominant activity.
Value added tax (VAT)	All figures exclude value added tax (VAT).
Reference period	The information was collected from enterprises for their financial year, which ended on any date between 1 July 2007 and 30 June 2008.
Statistical unit	The statistical unit for the collection of the information is an enterprise. An enterprise is a legal unit (or a combination of legal units) that includes and directly controls all functions necessary to carry out its production activities.
Size groups	The enterprises are divided into four size groups according to the value of turnover recorded for them on the Stats SA business register. Large enterprises are those with an annual recorded turnover of R51 million and above. Table 18 presents the size groups defined using the Department of Trade and Industry (DTI) cut-off points.

Table 18 – Size groups for the manufacturing industry, 2008

Size group	Turnover
Large	Turnover \geq R51 000 000
Medium	R13 000 000 \leq Turnover $<$ R51 000 000
Small	R5 000 000 \leq Turnover $<$ R13 000 000
Micro	Turnover $<$ R5 000 000

Survey methodology and design	<p>The survey was conducted by post, email, fax, telephone and personal visits.</p> <p>A sample of 10 725 enterprises was drawn from a frame of 56 553 using stratified simple random sampling. The enterprises were first stratified at four-digit level according to the SIC and then by size of enterprises. All large enterprises are completely enumerated. Turnover as recorded on the business register was used as the measure of size for stratification. The response rate was 81%.</p>
Weighting methodology	For those strata not completely enumerated, the weights to produce estimates are the inverse ratio of the sampling fraction, modified to take account of non-response in the survey. Stratum estimates are calculated and then aggregated with the completely enumerated stratum to form division estimates.

**Relative standard error
and confidence intervals**

Table 19 (pages 101-104) presents the 95% confidence intervals and relative standard errors for total income by type of manufacturing.

Table 19 – Confidence intervals (95%) for income in the manufacturing industry, 2008

Type of manufacture	Lower limit	Total income	Upper limit	Relative standard error
	R million			%
Division 30 - Food products and beverages	219 390	221 123	222 857	0,4
Production, processing and preserving of meat and meat products	20 272	21 405	22 537	2,7
Processing and preserving of fish and fish products	5 649	6 346	7 042	5,6
Processing and preserving of fruit and vegetables	13 602	13 819	14 035	0,8
Manufacture of vegetable and animal oils and fats	8 301	8 334	8 366	0,2
Manufacture of dairy products	15 720	16 003	16 285	0,9
Manufacture of grain mill products	17 501	17 887	18 272	1,1
Manufacture of prepared animal feeds	19 443	19 714	19 984	0,7
Manufacture of bakery products, sugar, cocoa, chocolate and sugar confectionery	32 933	33 795	34 656	1,3
Manufacture of other food products	24 307	24 548	24 788	0,5
Manufacture of alcoholic and non-alcoholic beverages	58 923	59 272	59 620	0,3
Division 31 - Textiles, clothing, leather and footwear	40 839	43 301	45 762	2,9
Preparation and spinning of textile fibres and weaving and finishing of textiles	6 925	7 022	7 118	0,7
Manufacture of made-up textile articles, except apparel	7 426	7 636	7 845	1,4
Manufacture of carpets, rugs and mats	1 613	1 736	1 858	3,6
Manufacture of cordage, rope, twine and netting	292	315	337	3,7
Manufacture of other textiles	2 925	3 353	3 780	6,5
Manufacture of knitted and crocheted fabrics and articles	2 245	2 342	2 438	2,1
Manufacture of wearing apparel, except fur apparel	11 430	13 813	16 195	8,8
Dressing and dyeing of fur, articles of fur and tanning and dressing of leather	3 127	3 248	3 368	1,9
Manufacture of luggage, handbags and the like, saddlery and harness	796	947	1 097	8,1
Manufacture of footwear	2 662	2 889	3 115	4,0

Table 19 – Confidence intervals (95%) for income in the manufacturing industry, 2008 (continued)

Type of manufacture	Lower limit	Total income	Upper limit	Relative standard error
	R million			%
Division 32 - Wood, wood products, paper, publishing and printing	97 549	98 906	100 262	0,7
Sawmilling and planing of wood	7 822	8 142	8 461	2,0
Manufacture of veneer sheets, plywood and other boards and carpentry and joinery	9 060	9 411	9 761	1,9
Manufacture of wooden containers	1 016	1 147	1 277	5,8
Manufacture of other products of wood, articles of cork, straw and plaiting materials	2 888	3 682	4 475	11,0
Manufacture of pulp, paper and paperboard and articles of paper and paperboard	42 466	43 057	43 647	0,7
Publishing of books, brochures, musical books and other publications	4 699	4 931	5 162	2,4
Publishing of newspapers, periodicals, recorded media and other publishing	13 546	13 762	13 977	0,8
Printing	12 410	13 213	14 015	3,1
Service activities related to printing	1 046	1 116	1 185	3,2
Reproduction of recorded media	285	445	604	18,3
Division 33 - Coke, petroleum, chemical products, rubber and plastic	448 548	449 429	450 309	0,1
Manufacture of coke oven products	2 352	2 352	2 352	0,0
Manufacture of petrol, fuel oils and other petroleum/synthesised products	271 028	271 561	272 093	0,1
Manufacture of basic chemicals, except fertilisers and nitrogen compounds	20 962	21 296	21 629	0,8
Manufacture of fertilisers, nitrogen compounds, plastics and synthetic rubber	47 604	47 792	47 979	0,2
Manufacture of pesticides and other agro-chemical products	1 159	1 395	1 630	8,6
Manufacture of paints, varnishes and similar coatings, printing ink and mastics	10 229	10 518	10 806	1,4
Manufacture of pharmaceuticals, medicinal chemicals and botanical products	13 979	14 146	14 312	0,6
Manufacture of soap and detergents, perfumes and toilet preparations	20 536	21 116	21 695	1,4
Manufacture of other chemical products	15 074	15 164	15 253	0,3
Manufacture of rubber tyres and tubes and other rubber products; retreading of tyres	12 809	13 197	13 584	1,5
Manufacture of plastic products	30 225	30 892	31 558	1,1

Table 19 – Confidence intervals (95%) for income in the manufacturing industry, 2008 (continued)

Type of manufacture	Lower limit	Total income	Upper limit	Relative standard error
	R million			%
Division 34 - Glass and other non-metallic mineral products	47 504	48 550	49 597	1,1
Manufacture of glass and glass products and non-structural non-refractory ceramicware	10 075	10 339	10 602	1,3
Manufacture of refractory ceramic products	3 625	3 860	4 094	3,1
Manufacture of structural non-refractory clay and ceramic products	6 255	6 551	6 846	2,3
Manufacture of cement, lime and plaster and articles of concrete, cement and plaster	24 573	24 915	25 256	0,7
Cutting and shaping of stone and manufacture of other non-metallic mineral products	2 059	2 885	3 710	14,6
Division 35 - Metals, metal products, machinery and equipment	303 665	311 606	319 544	1,3
Manufacture of basic iron and steel and of primary iron and steel products	86 990	87 505	88 019	0,3
Manufacture of basic precious and non-ferrous metals	57 492	58 292	59 091	0,7
Casting of iron and steel	2 505	2 592	2 678	1,7
Casting of non-ferrous metals	745	745	745	0,0
Manufacture of structural metal products	31 074	32 016	32 957	1,5
Manufacture of tanks, reservoirs and similar containers of metal	1 540	1 600	1 659	1,9
Manufacture of steam generators, except central heating water boilers	1 146	1 188	1 229	1,8
Forging, pressing, stamping and roll-forming of metal; powder metallurgy	2 263	2 286	2 308	0,5
Treatment and coating of metals; general mechanical engineering	10 263	11 403	12 542	5,1
Manufacture of cutlery, hand tools and general hardware	2 909	3 144	3 378	3,8
Manufacture of other fabricated metal products	26 543	27 348	28 152	1,5
Manufacture of pumps, compressors, taps and valves	7 905	8 633	9 360	4,3
Manufacture of bearings, gears, gearing and driving elements	1 800	1 878	1 955	2,1
Manufacture of agricultural and forestry machinery	2 118	2 428	2 737	6,5
Manufacture of machine tools	1 940	2 101	2 261	3,9
Manufacture of machinery for mining, quarrying and construction	16 695	16 894	17 092	0,6
Manufacture of machinery for food, beverage and tobacco processing	1 735	1 825	1 914	2,5
Manufacture of weapons and ammunition and other special purpose machinery	41 833	49 728	57 622	8,1

Table 19 – Confidence intervals (95%) for income in the manufacturing industry, 2008 (concluded)

Type of manufacture	Lower limit	Total income	Upper limit	Relative standard error
	R million			%
Division 36 - Electrical machinery and apparatus	33 883	34 286	34 690	0,6
Manufacture of electric motors, generators and transformers	7 290	7 421	7 551	0,9
Manufacture of electricity distribution and control apparatus	4 239	4 377	4 514	1,6
Manufacture of insulated wire and cable	9 822	9 920	10 017	0,5
Manufacture of accumulators, primary cells and batteries and lighting equipment	4 267	4 388	4 508	1,4
Manufacture of other electrical equipment	7 859	8 180	8 500	2,0
Division 37 - Telecommunication, medical and optical equipment and watches and clocks	12 518	12 873	13 225	1,4
Manufacture of electronic valves and tubes and other electronic components	1 948	1 983	2 017	0,9
Manufacture of television and radio transmitters and receivers, sound or video recording and line telephony apparatus	5 444	5 749	6 052	2,6
Manufacture of medical and surgical equipment and orthopaedic appliances	1 189	1 382	1 574	7,1
Manufacture of instruments and appliances for measuring, testing and navigating	2 739	2 881	3 022	2,5
Manufacture of industrial process control equipment	299	321	342	3,4
Manufacture of watches and clocks, optical instruments and photographic equipment	430	557	683	11,6
Division 38 - Transport equipment	244 159	246 696	249 233	0,3
Manufacture of motor vehicles	162 053	163 012	163 971	0,3
Manufacture of bodies (coachwork) for motor vehicles, trailers and semi-trailers	10 207	10 646	11 084	2,1
Manufacture of parts for motor vehicles, ships and boats and their engines	61 144	62 119	63 093	0,8
Manufacture of railway and tramway locomotives and rolling stock	5 793	5 839	5 884	0,4
Manufacture of aircraft	4 879	4 967	5 054	0,9
Manufacture of other transport equipment	79	113	146	15,0
Division 39 - Furniture, other manufacturing and recycling	58 444	59 732	61 019	1,1
Manufacture of furniture	10 633	11 637	12 640	4,4
Manufacture of jewellery and related articles	7 934	8 208	8 481	1,7
Other manufacturing, including manufacturing of tobacco and tobacco products	24 815	25 671	26 526	1,7
Recycling of waste and scrap	14 076	14 216	14 355	0,5
Total	1 517 526	1 526 502	1 535 478	0,3

Non-sampling errors

Inaccuracies may occur because of imperfections in reporting by enterprises and errors made in the collection and processing of the data. Inaccuracies of this kind are referred to as non-sampling errors. Every effort is made to minimise non-sampling errors by careful design of questionnaires, testing them in pilot studies, editing reported data and implementing efficient operating procedures. Non-sampling errors occur in both sample surveys and censuses.

Comparability with previously published information

The information in this publication is comparable with the information published from the manufacturing large sample survey of 2005 (*P3002* and *Report 30-02-01*), the short-term manufacturing survey (*Manufacturing: Production and sales P3041.2*) and with the manufacturing sector from the Annual Financial Statistics 2007 (*P0021*).

Rounding-off of figures

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.

Abbreviations

DTI	Department of Trade and Industry
GDP	Gross domestic product
IT	Income tax
RSE	Relative standard error
SARS	South African Revenue Service
SE	Standard error
SIC	Standard Industrial Classification of all Economic Activities
Stats SA	Statistics South Africa
VAT	Value added tax

Glossary

Capital expenditure on new assets

Capital expenditure on new assets includes:

- the erection of new buildings and works, additions to and alterations of existing buildings and works;
- work in progress capitalised;
- new plant, machinery, equipment and vehicles;
- new computers, network equipment and other information technology equipment;
- intangible assets;
- used plant and machinery, which was imported by or on behalf of the enterprise, whether paid to outside contractors/concerns or which was done by the enterprise itself; and
- other new assets not specified.

and excludes:

- acquisition of land;
- existing buildings and works;
- used plant and machinery and vehicles;
- transfers-in of property, plant, equipment and intangible assets; and
- other existing assets.

Current assets

Assets on the balance sheet which are expected to be sold or otherwise used up in the near future, usually within one year.

Current liabilities

Debts or obligations that are due within one year.

Employees

People employed by the business or organisation who received payment (salaries, wages, commission, piece rates or payments in kind) for the last pay period ended on or before 30 June 2008.

Enterprise

A legal entity or a combination of legal units that includes and directly controls all functions necessary to carry out its production activities.

Equity

The residual interest in the enterprise's assets after deducting its liabilities.

Intermediate consumption	<p>Intermediate consumption is derived as:</p> <p>Expenditure on purchases of raw materials plus expenditure on purchases of fuel and gas plus expenditure on purchases of materials used in maintenance plus expenditure on accommodation plus expenditure on advertising plus expenditure on bank charges plus expenditure on purchases of containers and packaging material plus expenditure on entertainment plus expenditure on insurance premiums plus motor vehicle running expenditure plus expenditure on leasing and hiring of plant, machinery and equipment plus expenditure on paper, printing and stationery plus expenditure on postal and courier services plus expenditure on railage and transport out plus expenditure on rental of land and buildings plus expenditure on repairs and maintenance plus expenditure on research and development plus expenditure on royalties and copyright plus expenditure on security services plus expenditure on staff training plus expenditure on payments to subcontractors plus expenditure on telecommunications plus expenditure on travelling plus expenditure on water and electricity plus other expenditure plus value of closing inventories: raw materials minus value of opening inventories: raw materials</p>
Industry	<p>An industry is made up of enterprises 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 <i>Standard Industrial Classification of all Economic Activities</i>, Fifth Edition, Report No. 09-90-02 of January 1993 (SIC).</p>
Intangible assets	<p>Identifiable non-monetary assets without physical substance held for use in the production or supply of goods or services.</p>
Net profit or loss before tax	<p>Net profit or loss before tax is derived as:</p> <p>Total income plus closing inventories minus total expenditure minus opening inventories</p>

Non-current assets	Assets which are not easily convertible to cash or not expected to become cash within the next year.
Non-current liabilities	Non-current liabilities are liabilities not due to be paid within one year during the normal course of business.
Other expenditure	<p>Other expenditure includes:</p> <ul style="list-style-type: none"> • professional services, e.g. audit and other professional business services, legal expenses and data processing services; • donations and sponsorship; • amortisation; and • subscriptions.
Output	<p>Output at basic prices is derived as:</p> <p>Income from sales of own manufactured goods plus income from services rendered plus value of closing inventories: work in progress minus value of opening inventories: work in progress plus value of closing inventories: finished goods produced minus value of opening inventories: finished goods produced plus income from sales of goods not produced minus expenditure on purchases of finished goods for resale plus value of closing inventories: finished goods not produced minus value of opening inventories: finished goods not produced plus income from rental of land and buildings plus income from leasing and hiring of plant, machinery, equipment and vehicles plus sundry trading income plus income from royalties and copyright plus other income minus expenditure on customs and excise duty</p>
Profit margin	<p>Profit margin is derived as:</p> <p>Net profit or loss after tax divided by turnover multiplied by 100</p>

Salaries and wages	<p>Salaries and wages include:</p> <ul style="list-style-type: none">• salaries and/or fees paid to directors, executives and managers;• commissions paid;• employer's contribution to pension, provident, medical aid, sick pay and other funds;• payments made from South Africa to employers or employees based abroad;• payments for all types of leave;• incentive payments for piecework or profit-sharing schemes;• fringe benefits paid in cash;• allowances and penalty payments;• value of any salary sacrificed;• bonuses.
Statistical unit	<p>A unit about which statistics are tabulated, compiled or published. The statistical units are derived from and linked to the South African Revenue Service (SARS) administrative data.</p>
Stratum	<p>A stratum is constructed by concatenating the SIC classification and size group variables</p>
Turnover	<p>Turnover includes:</p> <p>the value of sales; amounts received for work done; amounts received for services rendered; rent and/or lease payments received for land and buildings; and rent, leasing and hiring received for machinery, vehicles and other equipment</p> <p>Turnover excludes:</p> <p>value added tax (VAT); net profit or loss on sales or revaluation of fixed assets (including profit or loss on foreign exchange); export freight charges; interest received; and excise duty.</p>
Value added	<p>Value added is derived as:</p> <p>Output at basic prices minus intermediate consumption</p>