

**Labour statistics: Employment and salaries and wages:
mining and quarrying, manufacturing, construction and electricity
P0242.1**

December 1997

Embargo: 13:00

Date: 21 April 1998

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EMPLOYMENT IN THE FORMAL MINING AND QUARRYING, MANUFACTURING, CONSTRUCTION AND ELECTRICITY BUSINESS SECTORS CONTINUES TO DECREASE

Total employment in the formal mining and quarrying, manufacturing, construction and electricity business sectors showed a decrease of 1,3% or 30 009 employees between November 1997 and December 1997. All four sectors decreased during this period. The highest decrease of 1,7% or 22 719 employees was recorded in the manufacturing sector. This was mainly due to discharges of employees and the closure of some establishments. In this sector, 20 of the 26 subgroups recorded decreases, with 5 of these subgroups, namely transport equipment, furniture, food, clothing and machinery, recording decreases of more than 2,0%. A decrease of 1,0% or 5 064 employees was also recorded in the mining and quarrying sector, followed by the construction and

the electricity sectors with decreases of 0,7% or 2 021 employees and 0,5% or 205 employees, respectively.

The total employment in the above-mentioned sectors for December 1997 reflected a decrease of 5,3% or 123 543 employees compared with December 1996. All four sectors reflected an annual decrease. The mining and quarrying sector showed an annual decrease of 6,6% or 37 145 employees, followed by the manufacturing sector with a decrease of 5,3% or 75 064 employees at December 1997. The construction sector and the electricity sector showed decreases of 3,4% or 10 680 employees and 1,6% or 654 employees respectively for the same period.

Total salaries and wages paid to employees for December 1997 in the mining and quarrying, manufacturing, construction and electricity sectors showed a monthly increase of 9,7% or R747,2 million. This increase was mainly due to bonuses paid by the manufacturing and construction sectors. However, the electricity sector showed a monthly decrease of 25,5% or R23,4 million due to bonuses being paid in November 1997. Seasonally adjusted average monthly salaries and wages at current prices for the above-mentioned sectors showed a decrease of 3,0% or R99 for the December 1997.

EXPLANATORY NOTES

1. Data in respect of manufacturing, construction and electricity are estimates based on a sample survey. The survey covers private establishments in manufacturing, construction and electricity (including Eskom). Data in respect of manufacturing and construction have been revised to correspond with the 1988 manufacturing and construction census results. Historical data were published in statistical release P0242.2 of 28 October 1993.

2. As from January 1993 the industrial classification of this statistical release is based on the **Standard Industrial Classification of all Economic Activities** (SIC), Fifth edition, January 1993. The major and subgroup classification of this edition of the industrial classification differs in some cases from the classification of the previous edition that was used in this statistical release up to December 1992. The above-mentioned classification is obtainable from the CSS, free of charge.

3. On request of users the release of information on manufacturing was expanded from a major group basis to a subgroup basis. To accommodate this expansion, the sample was enlarged and was implemented as from November 1992. Information on a subgroup basis is published as from January 1993 and is not available for the period prior to January 1993.

4. In the case of some respondents the information on a population group basis cannot be supplied. As from February 1993 this information is shown under the category *Unspecified*.

5. Salaries and wages refer to gross salaries and wages and include *inter alia*, overtime payments, allowances and bonuses. Electricity (including Eskom) pays bonuses in November, while manufacturing

and construction pay bonuses in December.

6. Average salaries and wages at constant 1995 prices are calculated by deflating the average salaries and wages at current prices with the CPI for all expenditure groups (metropolitan).

7. As far as employment is concerned, figures which have not been rounded off are shown, while that in respect of salaries and wages and bonuses are rounded off to the nearest final digit.

8. INCLUSION OF FORMER TBVC STATES

Data on the mining and quarrying sector also include particulars of the former TBVC states as from January 1994. In the case of the manufacturing, construction and electricity sectors data on the former TBVC states are included as from January 1996.

9. To produce timely, accurate, relevant and accessible statistics, the CSS has reviewed all its economic and labour statistics series during 1997. After lengthy discussions with users and respondents, it was decided to replace the monthly surveys in the mining and quarrying, manufacturing, construction and electricity sectors, with quarterly surveys. As a result hereof, this publication will, as from March 1998, be replaced by the statistical release, P0271 - Total Employment and Earnings in the formal non-agricultural business sectors.

10. Symbols and abbreviations used:

.. = Data not available

* = Revised figures

- = Nil or not applicable

unspec. = unspecified

n.e.c. = not elsewhere classified

= Not comparable

TABLE 1 - EMPLOYMENT AS ON THE LAST PAY-DAY OF THE MONTH

1.1 - ACTUAL FIGURES

Number

Month | Total | Africans/ | Coloureds | Indians/ | Whites | Unspec.

		Blacks	Asians				

MANUFACTURING							

1997	Aug.	1 367 223	601 545	214 249	64 261	224 982	262 186
	Sep.	1 370 101	602 322	215 254	63 987	224 287	264 251
	Oct.	1 372 293	602 349	218 193	63 508	223 710	264 533
	Nov.	1 378 081	602 820	224 289	63 339	223 233	264 400
	Dec.	1 355 362	592 804	216 823	62 737	219 388	263 610

CONSTRUCTION							

1997	Aug.	314 479	226 518	35 222	6 698	34 342	11 699
	Sep.	311 496	221 771	37 379	6 706	34 083	11 557
	Oct.	305 483	218 269	35 406	6 568	33 563	11 677
	Nov.	303 392	215 882	34 661	6 633	33 612	12 604
	Dec.	301 371	217 760	31 031	6 543	33 434	12 603

ELECTRICITY							

1997	Aug.	39 553	20 479	2 728	863	15 483	-
	Sep.	39 423	20 445	2 725	873	15 380	-
	Oct.	39 420	20 513	2 730	875	15 302	-
	Nov.	39 408	20 522	2 735	885	15 266	-
	Dec.	39 203	20 448	2 729	905	15 121	-

MINING AND QUARRYING							

1997	Aug.	550 661	..	..	..	..	550 661
	Sep.	547 076	..	..	..	..	547 076
	Oct.	541 349	..	..	..	..	541 349
	Nov.	529 308	..	..	..	..	529 308
	Dec.	524 244	..	..	..	..	524 244

TOTAL							

1997	Aug.	2 271 916	848 542	252 199	71 822	274 807	824 546
	Sep.	2 268 096	844 538	255 358	71 566	273 750	822 884
	Oct.	2 258 545	841 131	256 329	70 951	272 575	817 559
	Nov.	2 250 189	839 224	261 685	70 857	272 111	806 312
	Dec.	2 220 180	831 012	250 583	70 185	267 943	800 457

1.2 - SEASONALLY ADJUSTED FIGURES

TOTAL							

1997	Aug.*	2 274 540					
	Sep.*	2 261 617					
	Oct.*	2 244 746					
	Nov.*	2 231 186					
	Dec.	2 219 160					

TABLE 2 - SALARIES AND WAGES AND BONUSES FOR THE MONTH

R1 000

Month		Total	Africans/ Blacks	Coloureds	Indians/ Asians	Whites	Unspec.
MANUFACTURING							
1997	Aug.	4 693 324	1 236 379	524 103	215 523	1 591 719	1 125 600
	Sep.	4 778 235	1 253 032	532 190	219 022	1 618 701	1 155 290
	Oct.	4 930 372	1 352 589	568 320	227 739	1 596 142	1 185 582
	Nov.	4 952 993	1 294 591	564 285	225 047	1 673 588	1 195 482
	Dec.	5 661 040	1 455 620	656 128	266 177	1 901 435	1 381 680
CONSTRUCTION							
1997	Aug.	624 418	309 955	72 582	24 023	189 577	28 281
	Sep.	636 740	320 191	75 832	23 913	188 998	27 806
	Oct.	680 524	339 202	79 738	26 516	205 497	29 571
	Nov.	653 789	315 851	73 199	27 107	200 508	37 124
	Dec.	770 678	369 312	81 229	32 865	246 216	41 056
ELECTRICITY							
1997	Aug.	294 407	108 752	17 135	7 837	160 683	-
	Sep.	296 272	109 642	17 494	8 046	161 090	-
	Oct.	299 718	111 679	18 330	8 151	161 557	-
	Nov.	396 999	185 666	28 870	13 496	168 967	-
	Dec.	295 849	112 125	17 467	8 524	157 733	-
MINING AND QUARRYING							
1997	Aug.	1 563 394	..	..	..	..	1 563 394
	Sep.	1 660 761	..	..	..	..	1 660 761
	Oct.	1 675 800	..	..	..	..	1 675 800
	Nov.	1 685 195	..	..	..	..	1 685 195
	Dec.	1 708 566	..	..	..	..	1 708 566
TOTAL							
1997	Aug.	7 175 543	1 655 086	613 820	247 383	1 941 979	2 717 275
	Sep.	7 372 008	1 682 865	625 516	250 981	1 968 789	2 843 857
	Oct.	7 586 414	1 803 470	666 388	262 406	1 963 196	2 890 953
	Nov.	7 688 976	1 796 108	666 354	265 650	2 043 063	2 917 801
	Dec.	8 436 133	1 937 057	754 824	307 566	2 305 384	3 427 151

TABLE 3 - AVERAGE SALARIES AND WAGES AND BONUSES PER MONTH

3.1 - AT CURRENT PRICES

3.1.1 - ACTUAL FIGURES

Rand

Month		Total	Africans/ Blacks	Coloureds	Indians/ Asians	Whites	Unspec.

MANUFACTURING							

1997	Aug.	3 433	2 055	2 446	3 354	7 075	4 293
	Sep.	3 488	2 080	2 472	3 423	7 217	4 372
	Oct.	3 593	2 246	2 605	3 586	7 135	4 482
	Nov.	3 594	2 148	2 516	3 553	7 497	4 521
	Dec.	4 177	2 455	3 026	4 243	8 667	5 241

CONSTRUCTION							

1997	Aug.	1 986	1 368	2 061	3 587	5 520	2 417
	Sep.	2 044	1 444	2 029	3 566	5 545	2 406
	Oct.	2 228	1 554	2 252	4 037	6 123	2 532
	Nov.	2 155	1 463	2 112	4 087	5 965	2 945
	Dec.	2 557	1 696	2 618	5 023	7 364	3 258

ELECTRICITY							

1997	Aug.	7 443	5 310	6 281	9 081	10 378	-
	Sep.	7 515	5 363	6 420	9 216	10 474	-
	Oct.	7 603	5 444	6 714	9 315	10 558	-
	Nov.	10 074	9 047	10 556	15 250	11 068	-
	Dec.	7 547	5 483	6 401	9 419	10 431	-

MINING AND QUARRYING							

1997	Aug.	2 839	..	..	..	..	2 839
	Sep.	3 036	..	..	..	..	3 036
	Oct.	3 096	..	..	..	..	3 096
	Nov.	3 184	..	..	..	..	3 184
	Dec.	3 259	..	..	..	..	3 259

TOTAL							

1997	Aug.	3 158	1 951	2 434	3 444	7 067	3 295
	Sep.	3 250	1 993	2 450	3 507	7 192	3 456
	Oct.	3 359	2 144	2 600	3 698	7 202	3 536
	Nov.	3 417	2 140	2 546	3 749	7 508	3 619
	Dec.	3 800	2 331	3 012	4 382	8 604	4 281

3.1.2 - SEASONALLY ADJUSTED FIGURES

TOTAL

1997	Aug.*	3 241
	Sep.*	3 247
	Oct.*	3 286
	Nov.*	3 288
	Dec.	3 189

TABLE 3 - AVERAGE SALARIES AND WAGES AND BONUSES PER MONTH (CONTINUED)

3.2 - AT CONSTANT 1995 PRICES

3.2.1 - ACTUAL FIGURES

Rand

Month		Total	Africans/ Blacks	Coloureds	Indians/ Asians	Whites	Unspec.

MANUFACTURING							

1997	Aug.	2 917	1 746	2 078	2 850	6 011	3 647
	Sep.	2 951	1 760	2 091	2 896	6 106	3 699
	Oct.	3 027	1 892	2 195	3 021	6 011	3 776
	Nov.	3 038	1 816	2 127	3 003	6 337	3 822
	Dec.	3 519	2 068	2 549	3 575	7 302	4 415

CONSTRUCTION							

1997	Aug.	1 687	1 162	1 751	3 048	4 690	2 054
	Sep.	1 729	1 222	1 717	3 017	4 691	2 036
	Oct.	1 877	1 309	1 897	3 401	5 158	2 133
	Nov.	1 822	1 237	1 785	3 455	5 042	2 489
	Dec.	2 154	1 429	2 206	4 232	6 204	2 745

ELECTRICITY							

1997	Aug.	6 324	4 511	5 336	7 715	8 817	-
	Sep.	6 358	4 537	5 431	7 797	8 861	-
	Oct.	6 405	4 586	5 656	7 848	8 895	-
	Nov.	8 516	7 648	8 923	12 891	9 356	-
	Dec.	6 358	4 619	5 393	7 935	8 788	-

MINING AND QUARRYING							

1997	Aug.	2 412	..	..	..	..	2 412
	Sep.	2 569	..	..	..	..	2 569
	Oct.	2 608	..	..	..	..	2 608
	Nov.	2 691	..	..	..	..	2 691
	Dec.	2 746	..	..	..	..	2 746

TOTAL							

1997	Aug.	2 683	1 658	2 068	2 926	6 004	2 799
	Sep.	2 750	1 686	2 073	2 967	6 085	2 924
	Oct.	2 830	1 806	2 190	3 115	6 067	2 979

Nov.	2 888	1 809	2 152	3 169	6 347	3 059
Dec.	3 201	1 964	2 537	3 692	7 249	3 607

3.2.2 - SEASONALLY ADJUSTED FIGURES

TOTAL

1997 Aug.*	2 753
Sep.*	2 747
Oct.*	2 762
Nov.*	2 768
Dec.	2 690

TABLE 4 - EMPLOYMENT AND SALARIES AND WAGES AND BONUSES BY SUBGROUPS OF MANUFACTURING AND CONSTRUCTION

DECEMBER 1997

SUBGROUP	EMPLOYMENT NUMBER	SALARIES AND WAGES AND BONUSES R1 000	AVERAGE SALARIES AND WAGES AND BONUSES PER MONTH	
			AT CURRENT PRICES RAND	AT CONSTANT 1995 PRICES RAND
			TOTAL: MANUFACTURING =====	1 355 362	5 661 040	4 177	3 519
TOTAL: FOOD	163 779	561 688	3 430	2 890
MEAT, FISH, FRUIT, VEGETABLES, OILS AND FATS	60 103	167 181	2 782	2 344
Livestock	12 243	34 470	2 815	2 372
Prepared meat and fats	10 354	30 583	2 954	2 489
Fish, crustacea, etc.	9 401	32 539	3 461	2 916
Fruits, vegetables	22 665	44 163	1 949	1 642
Crude oil, oil-seed products	378	1 197	3 167	2 668
Vegetable fats and oils	5 062	24 229	4 786	4 032
DAIRY PRODUCTS	23 269	85 268	3 664	3 087
Processing of fresh milk	8 554	25 096	2 934	2 472
Butter and cheese	3 895	14 014	3 598	3 031
Ice-cream, etc.	1 911	4 575	2 394	2 017
Milk products	8 909	41 582	4 667	3 932

GRAIN PRODUCTS	19 870	73 499	3 699	3 116
Flour, grain mill products	13 618	44 187	3 245	2 734
Breakfast foods and starches	821	4 413	5 375	4 528
Prepared animal feeds	5 431	24 899	4 585	3 863
OTHER FOOD PRODUCTS	60 537	235 740	3 894	3 281
Bakery products	28 563	90 367	3 164	2 666
Sugar, golden syrup, etc.	7 089	31 625	4 461	3 758
Cocoa, chocolate and sugar confec- tionery	12 000	53 759	4 480	3 774
Coffee, tea, etc.	1 733	5 601	3 232	2 723
Nut foods	834	811	972	819
Food products n.e.c.	10 318	53 578	5 193	4 375
TOTAL: BEVERAGES	29 992	166 240	5 543	4 670
Spirits, ethyl alcohol, wine	13 288	75 790	5 704	4 805
Breweries	5 250	32 164	6 126	5 161
Sorghum beer breweries	2 066	9 193	4 450	3 749
Malt	892	3 446	3 863	3 254
Soft drinks	8 496	45 648	5 373	4 527
TOTAL: TOBACCO	2 604	15 415	5 920	4 987
Tobacco products	2 604	15 415	5 920	4 987
TOTAL: TEXTILES	75 955	255 256	3 361	2 832
SPINNING, WEAVING AND FINISHING OF TEXTILES	43 230	164 621	3 808	3 208
Prepare animal fibres	1 340	7 200	5 373	4 527
Yarns/fabrics of wool and other animal fibres	6 260	18 103	2 892	2 436
Yarns/fabrics of vegetable fibres	33 405	132 942	3 980	3 353
Purchased yarns/fabrics	2 225	6 376	2 866	2 414
OTHER TEXTILES	32 725	90 635	2 770	2 334
Blankets, furnishing articles and				

TABLE 4 - EMPLOYMENT AND SALARIES AND WAGES AND BONUSES BY SUBGROUPS OF MANUFACTURING AND CONSTRUCTION

DECEMBER 1997

	EMPLOYMENT	SALARIES AND WAGES AND	AVERAGE SALARIES AND WAGES AND BONUSES PER MONTH
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SUBGROUP	BONUSES			
	NUMBER	R1 000	AT CURRENT PRICES	AT CONSTANT 1995 PRICES
			RAND	RAND
stuffed articles	3 971	4 969	1 251	1 054
Tents, sails, etc.	888	2 113	2 380	2 005
Automotive textile goods	4 193	15 220	3 630	3 058
Other textile articles, except clothing	15 084	42 720	2 832	2 386
Carpets and rugs	4 469	13 155	2 944	2 480
Cordage/rope/twine/etc.	1 307	5 191	3 971	3 345
Other textiles n.e.c.	2 813	7 268	2 584	2 177
TOTAL: CLOTHING	139 830	268 343	1 919	1 617
<hr/>				
KNITTED/CROCHETED FABRICS AND ARTICLES	18 755	37 929	2 022	1 703
Garments and hosiery	15 135	21 730	1 436	1 210
Other knitting mills	3 620	16 199	4 475	3 770
CLOTHING (INCLUDING FUR)	121 075	230 414	1 903	1 603
Men and boys	48 399	88 290	1 824	1 537
Women, girls and infants	63 287	131 761	2 082	1 754
Bespoke tailoring	7 202	6 112	849	715
Hats, caps, ties and fur	2 187	4 250	1 943	1 637
TOTAL: LEATHER	7 128	15 634	2 193	1 848
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LEATHER PRODUCTS	7 128	15 634	2 193	1 848
Tanning/dressing of leather	4 341	10 281	2 368	1 995
Luggage, handbags	1 186	1 970	1 661	1 399
Other leather and leather substitute articles	1 601	3 383	2 113	1 780
TOTAL: FOOTWEAR	23 737	48 571	2 046	1 724
<hr/>				
FOOTWEAR	23 737	48 571	2 046	1 724
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TOTAL: WOOD	61 685	122 092	1 979	1 667
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SAWMILLING/PLANING OF WOOD	28 167	42 179	1 497	1 261
Sawmilling and preserving	26 588	39 355	1 480	1 247
Other sawmill products	1 579	2 824	1 788	1 506
WOOD, CORK, STRAW PRODUCTS	33 518	79 913	2 384	2 008

Wooden sheets/boards, etc.	4 255	21 094	4 957	4 176
Builders carpentry/joinery	9 875	19 209	1 945	1 639
Wooden containers	10 919	20 625	1 889	1 591
Coffins	449	1 323	2 946	2 482
Picture frames and framing	3 390	9 383	2 768	2 332
Other articles n.e.c.	4 630	8 281	1 788	1 506
TOTAL: PAPER	45 949	256 083	5 573	4 695
<hr/>				
PAPER AND PAPER PRODUCTS	45 949	256 083	5 573	4 695
Pulp/paper/paperboard etc.	13 819	98 578	7 134	6 010
Paper/paperboard containers	20 109	103 506	5 147	4 336
Stationery	4 415	19 287	4 368	3 680
Other paper products	7 606	34 712	4 564	3 845
TOTAL: PRINTING, PUBLISHING	51 086	265 903	5 205	4 385
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PUBLISHING	14 071	89 283	6 345	5 345

TABLE 4 - EMPLOYMENT AND SALARIES AND WAGES AND BONUSES BY SUBGROUPS OF MANUFACTURING AND CONSTRUCTION

DECEMBER 1997

SUBGROUP	EMPLOYMENT NUMBER	SALARIES AND WAGES AND BONUSES R1 000	AVERAGE SALARIES AND WAGES AND BONUSES PER MONTH	
			AT CURRENT PRICES RAND	AT CONSTANT 1995 PRICES RAND
Books, brochures, musical books, publications	3 529	17 785	5 040	4 246
Other publishing	10 542	71 499	6 782	5 714
PRINTING	36 693	175 004	4 769	4 018
Printing	33 678	159 166	4 726	3 981
Printing service activities	3 015	15 837	5 253	4 425
REPRODUCTION OF RECORDED MEDIA	322	1 616	5 018	4 227
TOTAL: COKE OVEN PRODUCTS, PETRO- LEUM REFINERIES, NUCLEAR FUEL	16 151	126 000	7 801	6 572

COKE OVEN PRODUCTS	1 937	9 355	4 830	4 069
PETROLEUM REFINERIES	14 214	116 645	8 206	6 913
Products from crude oil, coal and natural gas	12 916	110 521	8 557	7 209
Products from other purchased materials	1 298	6 124	4 718	3 975
TOTAL: CHEMICALS AND CHEMICAL PRODUCTS	87 920	555 923	6 323	5 327
BASIC CHEMICALS	26 821	192 156	7 164	6 035
Basic chemicals	13 171	92 640	7 034	5 926
Fertilizers, etc.	4 495	26 165	5 821	4 904
Plastic in primary form and synthetic rubber	9 155	73 351	8 012	6 750
OTHER CHEMICAL PRODUCTS	61 099	363 768	5 954	5 016
Pesticides, etc.	4 773	31 684	6 638	5 592
Paints, printing ink, etc.	14 934	77 302	5 176	4 361
Medicinal/botanical product	15 067	92 075	6 111	5 148
Soap, etc.	6 854	47 399	6 916	5 826
Perfumes, cosmetics	2 955	19 926	6 743	5 681
Polishes, waxes, etc.	1 385	7 170	5 177	4 361
Explosives, etc.	5 085	27 056	5 321	4 483
Adhesives, glues, etc.	1 704	7 508	4 406	3 712
Chemical products n.e.c.	8 342	53 648	6 431	5 418
TOTAL: RUBBER	16 132	66 120	4 099	3 453
RUBBER PRODUCTS	16 132	66 120	4 099	3 453
Tyres and tubes	7 771	36 642	4 715	3 972
Rebuilding and retreading	561	1 184	2 110	1 778
Other rubber products	7 800	28 295	3 628	3 056
TOTAL: PLASTIC PRODUCTS	50 351	189 712	3 768	3 174
PLASTIC PRODUCTS	50 351	189 712	3 768	3 174
TOTAL: GLASS/GLASS PRODUCTS	9 331	66 257	7 101	5 982
GLASS AND GLASS PRODUCTS	9 331	66 257	7 101	5 982
Sheet/plate glass, glass block/tube/rod/fibre/wool	8 908	64 763	7 270	6 125
Glass products n.e.c.	423	1 494	3 531	2 975

TABLE 4 - EMPLOYMENT AND SALARIES AND WAGES AND BONUSES BY SUBGROUPS OF MANUFACTURING AND CONSTRUCTION

DECEMBER 1997

SUBGROUP	EMPLOYMENT	SALARIES AND WAGES AND BONUSES	AVERAGE SALARIES AND WAGES AND BONUSES PER MONTH	
			AT CURRENT PRICES	AT CONSTANT 1995 PRICES
	NUMBER	R1 000	RAND	RAND
TOTAL: NON-METALLIC MINERAL				
PRODUCTS	60 377	206 775	3 425	2 885
NON-METALLIC MINERAL PRODUCTS N.E.C.	60 377	206 775	3 425	2 885
Ceramic products	22 327	66 238	2 967	2 500
Cement, lime and plaster	4 471	31 798	7 112	5 992
Cement/plaster/etc. articles	25 973	74 393	2 864	2 413
Cutting/finishing of stone	2 133	4 080	1 913	1 612
Abrasives	1 400	9 091	6 494	5 471
Products n.e.c.	4 073	21 174	5 199	4 380
TOTAL: IRON AND STEEL	53 928	351 774	6 523	5 495
BASIC IRON AND STEEL	53 928	351 774	6 523	5 495
Basic iron/steel industries	49 401	329 613	6 672	5 621
Steel pipes and tubes	4 527	22 161	4 895	4 124
TOTAL: NON-FERROUS METALS	14 665	92 173	6 285	5 295
BASIC PRECIOUS AND NONFERROUS METALS	14 665	92 173	6 285	5 295
Refining of precious metals	1 888	9 885	5 236	4 411
Non-ferrous metal products	12 777	82 287	6 440	5 425
TOTAL: METAL PRODUCTS	118 268	483 234	4 086	3 442
STRUCTURAL METAL PRODUCTS, TANKS, RESERVOIRS, STEAM GENERATORS	47 225	195 523	4 140	3 488
Metal structures/parts	18 694	71 786	3 840	3 235
Other products and castings	15 942	53 039	3 327	2 803
Tanks, reservoirs, etc.	8 869	50 902	5 739	4 835
Steam generators	3 720	19 796	5 322	4 484

OTHER FABRICATED METAL PRODUCTS, METAL WORK SERVICES	71 043	287 711	4 050	3 412
Forging/pressing/treating	7 364	23 857	3 240	2 730
Mechanical engineering	8 780	32 802	3 736	3 147
Cutlery, hand tools	8 192	40 421	4 934	4 157
Metal containers	7 017	33 812	4 819	4 060
Cables and wire products	17 287	50 401	2 916	2 457
Springs (all types)	2 610	11 669	4 471	3 767
Metal fasteners	2 472	10 199	4 126	3 476
Metal products n.e.c.	17 321	84 552	4 881	4 112
TOTAL: MACHINERY	72 595	362 212	4 989	4 203
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GENERAL PURPOSE MACHINERY	25 019	127 600	5 100	4 297
Engines and turbines	1 966	9 404	4 783	4 029
Other general machinery	23 053	118 196	5 127	4 319
SPECIAL PURPOSE MACHINERY	37 836	193 802	5 122	4 315
Agricultural and forestry	3 915	13 647	3 486	2 937
Machine tools	3 143	21 216	6 750	5 687
Other special machinery	30 778	158 939	5 164	4 350
DOMESTIC APPLIANCES N.E.C.	8 786	36 860	4 195	3 534

TABLE 4 - EMPLOYMENT AND SALARIES AND WAGES AND BONUSES BY SUBGROUPS OF MANUFACTURING AND CONSTRUCTION

DECEMBER 1997

SUBGROUP	EMPLOYMENT	SALARIES AND WAGES AND BONUSES	AVERAGE SALARIES AND WAGES AND BONUSES PER MONTH	
			AT CURRENT PRICES	AT CONSTANT 1995 PRICES
	NUMBER	R1 000	RAND	RAND
OFFICE/ACCOUNTING/COMPUTING MACHINERY	954	3 950	4 140	3 488
TOTAL: ELECTRICAL MACHINERY				
	97 045	522 609	5 385	4 537
MOTORS, GENERATORS AND TRANSFORMERS	9 728	57 223	5 882	4 955
ELECTRICITY DISTRIBUTION AND CONTROL APPARATUS	8 283	30 030	3 626	3 055

INSULATED WIRE AND CABLE	10 433	48 384	4 638	3 907
ACCUMULATORS, PRIMARY CELLS AND BATTERIES	3 813	21 195	5 559	4 683
ELECTRIC LAMPS AND LIGHTING EQUIPMENT	1 583	6 270	3 961	3 337
ELECTRICAL EQUIPMENT N.E.C.	50 933	291 136	5 716	4 816
TELEVISION, RADIO AND COMMUNICATION EQUIPMENT	12 272	68 370	5 571	4 693
TOTAL: PROFESSIONAL EQUIPMENT, ETC.	6 116	24 979	4 084	3 441
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MEDICAL INSTRUMENTS, APPLIANCES FOR MEASURING, CHECKING, TESTING, NAVIGATING, ETC., EXCEPT OPTICAL	4 588	19 152	4 174	3 516
Orthopaedic	457	1 406	3 076	2 591
Surgical/medical/dental	831	1 821	2 191	1 846
Measuring/checking/testing/navigating/process control	3 300	15 926	4 826	4 066
OPTICAL INSTRUMENTS, PHOTOGRAPHIC EQUIPMENT, WATCHES AND CLOCKS	1 434	5 578	3 890	3 277
TOTAL: MOTOR VEHICLES/PARTS/ACCESSORIES	73 231	409 802	5 596	4 714
MOTOR VEHICLES	32 487	239 161	7 362	6 202
MOTOR VEHICLE BODIES, TRAILERS AND SEMI-TRAILERS	8 195	32 912	4 016	3 383
PARTS AND ACCESSORIES	32 549	137 728	4 231	3 564
Radiators	1 072	2 862	2 670	2 249
Specialised automotive engineering workshops	5 690	21 509	3 780	3 184
Parts/accessories n.e.c.	25 787	113 358	4 396	3 703
TOTAL: TRANSPORT EQUIPMENT	9 104	51 277	5 632	4 745
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BUILDING AND REPAIRING OF SHIPS AND BOATS	2 396	10 817	4 515	3 804
Building/repairing of ships	2 244	10 475	4 668	3 933
Building/repairing of pleasure/sporting boats	152	341	2 246	1 892

TABLE 4 - EMPLOYMENT AND SALARIES AND WAGES AND BONUSES BY SUBGROUPS OF MANUFACTURING AND CONSTRUCTION

DECEMBER 1997

SUBGROUP	EMPLOYMENT	SALARIES AND WAGES AND BONUSES	AVERAGE SALARIES AND WAGES AND BONUSES PER MONTH	
			AT CURRENT PRICES	AT CONSTANT 1995 PRICES
	NUMBER	R1 000	RAND	RAND
RAILWAY/TRAMWAY LOCOMOTIVES	3 615	17 605	4 870	4 103
AIRCRAFT AND SPACECRAFT	2 667	21 411	8 028	6 763
TRANSPORT EQUIPMENT N.E.C.	426	1 444	3 390	2 856
TOTAL: FURNITURE	46 129	119 429	2 589	2 181
MANUFACTURE OF FURNITURE	46 129	119 429	2 589	2 181
TOTAL: OTHER MANUFACTURING	22 274	57 541	2 583	2 176
MANUFACTURING N.E.C.	21 503	55 652	2 588	2 180
Jewellery	3 071	10 637	3 464	2 918
Cutting/polishing diamonds	1 326	4 523	3 411	2 874
Cutting/polishing precious and semi-precious stones	322	886	2 753	2 319
Musical instruments	12	22	1 838	1 548
Sports goods	1 884	4 638	2 462	2 074
Games and toys	1 281	3 376	2 635	2 220
Brushes and brooms	5 108	9 997	1 957	1 649
Crayons, chalk, pens and pencils	497	3 040	6 116	5 152
Buttons, buckles, zips, etc.	885	2 234	2 524	2 126
Number plates, non-electrical signs/advertising displays	3 047	7 851	2 577	2 171
Pattern-making (not paper)	367	1 015	2 766	2 330
Engraving	187	769	4 112	3 464
Other industries n.e.c.	3 516	6 665	1 896	1 597
RECYCLING N.E.C.	771	1 889	2 450	2 064
Recycling n.e.c.	771	1 889	2 450	2 064

TOTAL: CONSTRUCTION =====	301 371	770 678	2 557	2 154
Building construction	163 381	363 910	2 227	1 876
Civil engineering	113 707	336 337	2 958	2 492
Construction n.e.c.	24 283	70 431	2 900	2 443

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