

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

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CONTENTS

KEY FINDINGS

EXPLANATORY NOTES

TABLES

1. Employment as on the last pay day of the month
2. Salaries and wages and bonuses for the month
3. Average salaries and wages and bonuses per month
 - 3.1 At current prices
 - 3.1.1 Actual figures
 - 3.1.2 Seasonally adjusted figures
 - 3.2 At constant 1995 prices
 - 3.2.1 Actual figures
 - 3.2.2 Seasonally adjusted figures
4. Employment and salaries and wages and bonuses by subgroups of manufacturing and construction

EMPLOYMENT CONTINUES TO DECREASE

Total employment in the formal manufacturing, construction, electricity and mining and quarrying sectors decreased by 0,4% or 8 356 employees between October 1997 and November 1997. This decrease was mainly due to decreases of 2,2% (or 12 041 employees) and 0,7% (or 2 091 employees) in the mining and quarrying and the construction sectors, respectively. However, the manufacturing sector showed a slight improvement, which began in September 1997, by recording a monthly increase of 0,4% or 5 788 employees. The electricity sector showed no significant change in employment for the same period.

Total employment in the four above-mentioned sectors for November 1997 decreased by 4,5% or 106

470 employees compared with November 1996. The construction sector recorded an annual net loss of 6,0% or 19 180 employees for November 1997, followed by mining and quarrying with a decrease of 5,6% or 31 374 employees, then the manufacturing sector with a decrease of 3,9% or 55 392 employees and the electricity sector with a decrease of 1,3% or 524 employees.

Total salaries and wages for November 1997 increased by 1,4% or R102,6 million compared with October 1997. The highest increase of 32,5% or R97,3 million was recorded in the electricity sector. This increase was due to annual bonuses being paid out at the end of November 1997. The mining and quarrying sector showed an increase of 0,6% or R9,4 million and the manufacturing sector an increase of 0,5% or R22,6 million for the same period. The construction sector was the only sector that recorded a decrease in salaries and wages with a decrease of 3,9% or R26,7 million for this period. This decrease was due mainly to fewer hours and overtime worked.

Average salaries and wages at current prices for November 1997 showed a monthly increase of 1,7% or R58 and an annual increase of 8,0% or R252 compared with October 1997 and November 1996 respectively. The electricity sector recorded the highest monthly increase of 32,5% or R2 471 followed by the mining and quarrying sector with an increase of 2,8% or R88. The manufacturing sector did not show any significant change in average salaries and wages. The construction sector was the only sector that showed a monthly decrease in average salaries and wages with a decrease of 3,3% or R73 for November 1997. Average salaries and wages at constant 1995 prices showed an annual increase of 1,1% or R32 for November 1997 compared with November 1996.

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. 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/ Blacks	Coloureds	Indians/ Asians	Whites	Unspec.
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MANUFACTURING

1997	Jul.	1 375 598	603 941	217 508	63 904	226 917	263 328
	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

CONSTRUCTION

1997	Jul.	317 613	228 396	35 874	6 665	35 011	11 667
	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

ELECTRICITY

1997	Jul.	39 618	20 476	2 722	840	15 580	-
	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	-

MINING AND QUARRYING

1997	Jul.	552 794	..	..	..	..	552 794
	Aug.	550 661	..	..	..	..	550 661
	Sep.	547 076	..	..	..	..	547 076
	Oct.	541 349	..	..	..	..	541 349
	Nov.	529 308	..	..	..	..	529 308

TOTAL

1997	Jul.	2 285 623	852 813	256 104	71 409	277 508	827 789
	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

1.2 - SEASONALLY ADJUSTED FIGURES

TOTAL

1997	Jul.*	? 2 292 437
	Aug.*	? 2 274 595
	Sep.*	? 2 262 020
	Oct.*	? 2 245 272
	Nov.	| 2 231 247

TABLE 2 - SALARIES AND WAGES AND BONUSES FOR THE MONTH

R1 000

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

MANUFACTURING							

1997	Jul.	4 812 766	1 310 724	559 270	217 749	1 588 940	1 136 083
	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

CONSTRUCTION							

1997	Jul.	650 320	320 063	77 368	24 970	199 551	28 368
	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

ELECTRICITY							

1997	Jul.	294 493	108 006	17 062	7 707	161 718	-
	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	-

MINING AND QUARRYING							

1997	Jul.	1 542 127	..	..	..	..	1 542 127
	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

TOTAL							

1997	Jul.	7 299 706	1 738 793	653 700	250 426	1 950 209	2 706 578
	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

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	Jul.		3 499	2 170	2 571	3 407	7 004	4 314
	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
CONSTRUCTION								
1997	Jul.		2 048	1 401	2 157	3 746	5 700	2 431
	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
ELECTRICITY								
1997	Jul.		7 433	5 275	6 268	9 175	10 380	-
	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	-
MINING AND QUARRYING								
1997	Jul.		2 790	..	..	..	..	2 790
	Aug.		2 839	..	..	..	..	2 839
	Sep.		3 036	..	..	..	..	3 036
	Oct.		3 096	..	..	..	..	3 096
	Nov.		3 184	..	..	..	..	3 184
TOTAL								
1997	Jul.		3 194	2 039	2 552	3 507	7 028	3 270
	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

3.1.2 - SEASONALLY ADJUSTED FIGURES

TOTAL								
1997	Jul.*	?	3 173					
	Aug.*	?	3 252					
	Sep.*	?	3 243					

Oct.*	?	3 293
Nov.	|	3 312

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	Jul.	2 978	1 847	2 188	2 900	5 961	3 671
	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

CONSTRUCTION							
1997	Jul.	1 743	1 192	1 836	3 188	4 851	2 069
	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

ELECTRICITY							
1997	Jul.	6 326	4 489	5 334	7 809	8 834	-
	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	-

MINING AND QUARRYING							
1997	Jul.	2 374	..	..	..	..	2 374
	Aug.	2 412	..	..	..	..	2 412
	Sep.	2 569	..	..	..	..	2 569
	Oct.	2 608	..	..	..	..	2 608
	Nov.	2 691	..	..	..	..	2 691

TOTAL							
1997	Jul.	2 718	1 735	2 172	2 985	5 981	2 783
	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

3.2.2 - SEASONALLY ADJUSTED FIGURES

TOTAL

1997	Jul.*	?	2 709
	Aug.*	?	2 763
	Sep.*	?	2 748
	Oct.*	?	2 769
	Nov.	|	2 783

TABLE 4 - EMPLOYMENT AND SALARIES AND WAGES AND BONUSES BY SUBGROUPS OF MANUFACTURING AND CONSTRUCTION
NOVEMBER 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: MANUFACTURING =====	1 378 081	4 952 992	3 594	3 038
TOTAL: FOOD	170 832	531 571	3 112	2 631
MEAT, FISH, FRUIT, VEGETABLES, OILS AND FATS	64 650	164 362	2 542	2 149
Livestock	12 108	29 965	2 475	2 092
Prepared meat and fats	10 493	25 399	2 421	2 046
Fish, crustacea, etc.	9 374	19 923	2 125	1 796
Fruits, vegetables	26 625	62 553	2 349	1 986
Crude oil, oil-seed products	380	886	2 332	1 971
Vegetable fats and oils	5 670	25 635	4 521	3 822
DAIRY PRODUCTS	23 454	98 064	4 181	3 534
Processing of fresh milk	8 562	35 881	4 191	3 543
Butter and cheese	3 907	18 354	4 698	3 971
Ice-cream, etc.	1 890	4 489	2 375	2 008
Milk products	9 095	39 341	4 326	3 657
GRAIN PRODUCTS	20 329	62 293	3 064	2 590
Flour, grain mill products	14 065	39 728	2 825	2 388
Breakfast foods and starches	787	2 784	3 538	2 991

Prepared animal feeds	5 477	19 780	3 612	3 053
OTHER FOOD PRODUCTS	62 399	206 852	3 315	2 802
Bakery products	28 938	84 885	2 933	2 479
Sugar, golden syrup, etc.	7 107	33 018	4 646	3 927
Cocoa, chocolate and sugar confec- tionery	12 292	41 807	3 401	2 875
Coffee, tea, etc.	1 739	3 563	2 049	1 732
Nut foods	839	855	1 019	861
Food products n.e.c.	11 484	42 725	3 720	3 145
TOTAL: BEVERAGES	29 809	122 514	4 110	3 474
<hr/>				
Spirits, ethyl alcohol, wine	13 248	53 331	4 026	3 403
Breweries	5 326	29 310	5 503	4 652
Sorghum beer breweries	2 072	6 640	3 205	2 709
Malt	895	2 907	3 248	2 746
Soft drinks	8 268	30 325	3 668	3 101
TOTAL: TOBACCO	2 637	12 102	4 589	3 879
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Tobacco products	2 637	12 102	4 589	3 879
TOTAL: TEXTILES	75 499	182 383	2 416	2 042
<hr/>				
SPINNING, WEAVING AND FINISHING OF TEXTILES	43 024	110 242	2 562	2 166
Prepare animal fibres	1 339	4 485	3 349	2 831
Yarns/fabrics of wool and other animal fibres	6 273	12 539	1 999	1 690
Yarns/fabrics of vegetable fibres	33 212	87 918	2 647	2 238
Purchased yarns/fabrics	2 200	5 301	2 410	2 037
OTHER TEXTILES	32 475	72 141	2 221	1 877
Blankets, furnishing articles and				

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

NOVEMBER 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
	?	?		

stuffed articles	4 028	4 484	1 113	941
Tents, sails, etc.	886	1 876	2 118	1 790
Automotive textile goods	4 257	12 620	2 964	2 505
Other textile articles, except clothing	14 793	30 125	2 036	1 721
Carpets and rugs	4 400	12 373	2 812	2 377
Cordage/rope/twine/etc.	1 305	3 980	3 050	2 578
Other textiles n.e.c.	2 806	6 683	2 382	2 014
TOTAL: CLOTHING	144 199	236 027	1 637	1 384
<hr/>				
KNITTED/CROCHETED FABRICS AND ARTICLES	18 811	30 575	1 625	1 374
Garments and hosiery	15 162	17 110	1 128	954
Other knitting mills	3 649	13 465	3 690	3 119
CLOTHING (INCLUDING FUR)	125 388	205 452	1 639	1 385
Men and boys	49 233	79 174	1 608	1 359
Women, girls and infants	66 339	116 733	1 760	1 488
Bespoke tailoring	7 617	5 843	767	648
Hats, caps, ties and fur	2 199	3 701	1 683	1 423
TOTAL: LEATHER	7 155	14 768	2 064	1 745
<hr/>				
LEATHER PRODUCTS	7 155	14 768	2 064	1 745
Tanning/dressing of leather	4 345	10 015	2 305	1 948
Luggage, handbags	1 209	1 696	1 403	1 186
Other leather and leather substitute articles	1 601	3 057	1 910	1 615
TOTAL: FOOTWEAR	24 157	43 652	1 807	1 527
<hr/>				
FOOTWEAR	24 157	43 652	1 807	1 527
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TOTAL: WOOD	60 583	101 227	1 671	1 413
<hr/>				
SAWMILLING/PLANING OF WOOD	28 204	36 894	1 308	1 106
Sawmilling and preserving	26 615	34 751	1 306	1 104
Other sawmill products	1 589	2 143	1 349	1 140
WOOD, CORK, STRAW PRODUCTS	32 379	64 333	1 987	1 680
Wooden sheets/boards, etc.	4 274	16 379	3 832	3 239
Builders carpentry/joinery	9 798	15 774	1 610	1 361
Wooden containers	9 890	14 701	1 486	1 256
Coffins	402	695	1 729	1 462
Picture frames and framing	3 370	9 289	2 756	2 330
Other articles n.e.c.	4 645	7 495	1 614	1 364

TOTAL: PAPER	46 172	221 526	4 798	4 056
PAPER AND PAPER PRODUCTS	46 172	221 526	4 798	4 056
Pulp/paper/paperboard etc.	13 788	73 527	5 333	4 508
Paper/paperboard containers	20 127	100 253	4 981	4 210
Stationery	4 437	13 214	2 978	2 517
Other paper products	7 820	34 532	4 416	3 733
TOTAL: PRINTING, PUBLISHING	51 553	226 751	4 398	3 718
PUBLISHING	14 281	72 580	5 082	4 296

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

NOVEMBER 1997

SUBGROUP	EMPLOYMENT ?	SALARIES AND WAGES AND BONUSES ?	AVERAGE SALARIES AND WAGES AND BONUSES PER MONTH	
			AT CURRENT PRICES	AT CONSTANT 1995 PRICES
			RAND	RAND
	NUMBER	R1 000		
Books, brochures, musical books, publications	3 553	17 927	5 046	4 265
Other publishing	10 728	54 653	5 094	4 306
PRINTING	36 950	152 556	4 129	3 490
Printing	33 769	137 749	4 079	3 448
Printing service activities	3 181	14 807	4 655	3 935
REPRODUCTION OF RECORDED MEDIA	322	1 616	5 018	4 242
TOTAL: COKE OVEN PRODUCTS, PETRO- LEUM REFINERIES, NUCLEAR FUEL	16 147	124 438	7 707	6 515
COKE OVEN PRODUCTS	1 937	9 351	4 828	4 081
PETROLEUM REFINERIES	14 210	115 087	8 099	6 846
Products from crude oil, coal and natural gas	12 911	110 840	8 585	7 257
Products from other purchased mate- rials	1 299	4 247	3 269	2 763

TOTAL: CHEMICALS AND CHEMICAL				
PRODUCTS	88 949	562 912	6 328	5 349
BASIC CHEMICALS	27 271	202 168	7 413	6 266
Basic chemicals	13 616	102 869	7 555	6 386
Fertilizers, etc.	4 517	26 631	5 896	4 984
Plastic in primary form and synthetic rubber	9 138	72 669	7 952	6 722
OTHER CHEMICAL PRODUCTS	61 678	360 743	5 849	4 944
Pesticides, etc.	4 881	25 008	5 124	4 331
Paints, printing ink, etc.	14 980	96 792	6 461	5 462
Medicinal/botanical product	15 090	91 728	6 079	5 139
Soap, etc.	6 717	35 382	5 268	4 453
Perfumes, cosmetics	3 096	15 872	5 126	4 333
Polishes, waxes, etc.	1 403	7 214	5 142	4 347
Explosives, etc.	5 472	34 338	6 275	5 304
Adhesives, glues, etc.	1 693	6 791	4 011	3 391
Chemical products n.e.c.	8 346	47 617	5 705	4 822
TOTAL: RUBBER	16 136	58 363	3 617	3 057
RUBBER PRODUCTS	16 136	58 363	3 617	3 057
Tyres and tubes	7 772	36 508	4 697	3 970
Rebuilding and retreading	549	1 056	1 924	1 626
Other rubber products	7 815	20 799	2 661	2 249
TOTAL: PLASTIC PRODUCTS	49 316	149 491	3 031	2 562
PLASTIC PRODUCTS	49 316	149 491	3 031	2 562
TOTAL: GLASS/GLASS PRODUCTS	9 510	55 626	5 849	4 944
GLASS AND GLASS PRODUCTS	9 510	55 626	5 849	4 944
Sheet/plate glass, glass block/ tube/rod/fibre/wool	9 082	54 294	5 978	5 053
Glass products n.e.c.	428	1 332	3 111	2 630

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

NOVEMBER 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	AT CONSTANT
			PRICES	1995 PRICES
			RAND	RAND
TOTAL: NON-METALLIC MINERAL				
PRODUCTS	61 070	194 042	3 177	2 686
NON-METALLIC MINERAL PRODUCTS N.E.C.	61 070	194 042	3 177	2 686
Ceramic products	22 281	63 076	2 831	2 393
Cement, lime and plaster	4 544	28 029	6 168	5 214
Cement/plaster/etc. articles	26 575	73 491	2 765	2 337
Cutting/finishing of stone	2 235	3 670	1 642	1 388
Abrasives	1 374	4 907	3 571	3 019
Products n.e.c.	4 061	20 869	5 139	4 344
TOTAL: IRON AND STEEL	53 841	352 782	6 552	5 538
BASIC IRON AND STEEL	53 841	352 782	6 552	5 538
Basic iron/steel industries	49 296	335 218	6 800	5 748
Steel pipes and tubes	4 545	17 564	3 864	3 266
TOTAL: NON-FERROUS METALS	14 837	85 986	5 795	4 899
BASIC PRECIOUS AND NONFERROUS METALS	14 837	85 986	5 795	4 899
Refining of precious metals	1 958	10 694	5 462	4 617
Non-ferrous metal products	12 879	75 293	5 846	4 942
TOTAL: METAL PRODUCTS	120 479	428 108	3 553	3 003
STRUCTURAL METAL PRODUCTS, TANKS, RESERVOIRS, STEAM GENERATORS	47 646	172 614	3 623	3 063
Metal structures/parts	19 060	72 574	3 808	3 219
Other products and castings	15 862	41 784	2 634	2 227
Tanks, reservoirs, etc.	8 935	35 363	3 958	3 346
Steam generators	3 789	22 892	6 042	5 107
OTHER FABRICATED METAL PRODUCTS, METAL WORK SERVICES	72 833	255 495	3 508	2 965
Forging/pressing/treating	7 333	21 643	2 952	2 495
Mechanical engineering	9 046	28 817	3 186	2 693
Cutlery, hand tools	8 384	29 624	3 533	2 986
Metal containers	7 548	45 852	6 075	5 135

Cables and wire products	18 120	52 509	2 898	2 450
Springs (all types)	2 200	8 800	4 000	3 381
Metal fasteners	2 492	7 990	3 206	2 710
Metal products n.e.c.	17 710	60 259	3 403	2 877
TOTAL: MACHINERY	74 361	318 869	4 288	3 625
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GENERAL PURPOSE MACHINERY	25 301	108 446	4 286	3 623
Engines and turbines	1 966	9 496	4 830	4 083
Other general machinery	23 335	98 950	4 240	3 584
SPECIAL PURPOSE MACHINERY	39 016	180 945	4 638	3 921
Agricultural and forestry	3 989	13 647	3 421	2 892
Machine tools	3 523	16 557	4 700	3 973
Other special machinery	31 504	150 741	4 785	4 045
DOMESTIC APPLIANCES N.E.C.	9 088	26 081	2 870	2 426

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

NOVEMBER 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	956	3 398	3 554	3 004
TOTAL: ELECTRICAL MACHINERY				
	98 098	398 288	4 060	3 432
MOTORS, GENERATORS AND TRANSFORMERS	9 729	44 380	4 562	3 856
ELECTRICITY DISTRIBUTION AND CONTROL APPARATUS	8 252	25 210	3 055	2 582
INSULATED WIRE AND CABLE	10 445	42 586	4 077	3 446
ACCUMULATORS, PRIMARY CELLS AND				

BATTERIES	3 814	15 528	4 071	3 441
ELECTRIC LAMPS AND LIGHTING EQUIPMENT	1 600	4 778	2 986	2 524
ELECTRICAL EQUIPMENT N.E.C.	51 285	206 120	4 019	3 397
TELEVISION, RADIO AND COMMUNICATION EQUIPMENT	12 973	59 686	4 601	3 889
TOTAL: PROFESSIONAL EQUIPMENT, ETC.	6 122	20 113	3 285	2 777
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MEDICAL INSTRUMENTS, APPLIANCES FOR MEASURING, CHECKING, TESTING, NAVI- GATING, ETC., EXCEPT OPTICAL	4 593	16 591	3 612	3 053
Orthopaedic	451	1 341	2 973	2 513
Surgical/medical/dental	834	1 707	2 047	1 730
Measuring/checking/testing/ navigating/process control	3 308	13 542	4 094	3 461
OPTICAL INSTRUMENTS, PHOTOGRAPHIC EQUIPMENT, WATCHES AND CLOCKS	1 435	3 306	2 304	1 948
TOTAL: MOTOR VEHICLES/PARTS/ACCES- SORIES	74 538	311 234	4 176	3 530
MOTOR VEHICLES	32 954	169 085	5 131	4 337
MOTOR VEHICLE BODIES, TRAILERS AND SEMI-TRAILERS	8 857	27 058	3 055	2 582
PARTS AND ACCESSORIES	32 727	115 091	3 517	2 973
Radiators	1 079	2 137	1 981	1 675
Specialised automotive engineering workshops	5 870	16 832	2 867	2 423
Parts/accessories n.e.c.	25 778	96 122	3 729	3 152
TOTAL: TRANSPORT EQUIPMENT	11 315	47 798	4 224	3 571
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BUILDING AND REPAIRING OF SHIPS AND BOATS	2 469	10 329	4 183	3 536
Building/repairing of ships	2 334	10 102	4 328	3 658
Building/repairing of pleasure/ sporting boats	135	227	1 679	1 419

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

NOVEMBER 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	3 620	17 103	4 725	3 994
AIRCRAFT AND SPACECRAFT	4 794	19 453	4 058	3 430
TRANSPORT EQUIPMENT N.E.C.	432	913	2 115	1 788
TOTAL: FURNITURE	48 170	102 805	2 134	1 804
MANUFACTURE OF FURNITURE	48 170	102 805	2 134	1 804
TOTAL: OTHER MANUFACTURING	22 596	49 617	2 196	1 856
MANUFACTURING N.E.C.	21 796	47 609	2 184	1 846
Jewellery	3 076	9 139	2 971	2 511
Cutting/polishing diamonds	1 334	3 437	2 577	2 178
Cutting/polishing precious and semi-precious stones	339	562	1 659	1 402
Musical instruments	12	22	1 838	1 554
Sports goods	1 886	3 874	2 054	1 736
Games and toys	1 287	2 380	1 850	1 564
Brushes and brooms	5 177	10 297	1 989	1 681
Crayons, chalk, pens and pencils	507	2 114	4 169	3 524
Buttons, buckles, zips, etc.	885	2 009	2 270	1 919
Number plates, non-electrical signs/advertising displays	3 060	6 323	2 066	1 746
Pattern-making (not paper)	338	851	2 519	2 129
Engraving	187	733	3 920	3 314
Other industries n.e.c.	3 708	5 866	1 582	1 337
RECYCLING N.E.C.	800	2 008	2 510	2 122
Recycling n.e.c.	800	2 008	2 510	2 122
TOTAL: CONSTRUCTION	303 392	653 788	2 155	1 822
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Building construction	165 906	328 461	1 980	1 674
Civil engineering	112 065	267 347	2 386	2 017

Construction n.e.c.		25 421	57 980	2 281	1 928	
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