



Manufacturing statistics

Products manufactured: chemical, petroleum, rubber, plastic and non-metallic mineral products

February 2003

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PREFACE

This publication contains details of selected products manufactured by manufacturing establishments in the Republic of South Africa. The information is shown on a monthly basis together with annual totals. As far as possible, information for at least two years is shown for purposes of comparison.

For the majority of the items, only the quantities manufactured are shown. In other cases, quantities and selling values (at works) are shown, or selling values only.

The statistics shown in the tables are mainly estimates of the total production, based on production data, furnished monthly to the Statistics South Africa (Stats SA) by a sample of manufacturers. The raising factors are based on the results of the Census of Manufacturing, 1996.

Explanatory notes in respect of certain manufactures appear on page 3 of this publication.

Details of products not listed in P3051.3 can be obtained from the following statistical releases:

P3051.1 - Food and Beverages;

P3051.2 - Textiles, Clothing, Leather and leather products, Footwear, Wood and wood products, Furniture, Paper and paper products and Printing;

P3051.4 - Basic metal and fabricated metal products, Machinery and equipment, Motor vehicles and parts and Miscellaneous products.

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EXPLANATORY NOTES

GENERAL

Scope of the information

Revisions to previous month(s) are made in the event of amended or new information being furnished by the respondents.

The statistics shown in the tables refer to final (ready for sale) products, and include quantities of products manufactured for customers who supplied their own materials. Details of semi-finished products are excluded.

Abbreviations and symbols used

AA = Absolute alcohol
: = nil
0 = more than nothing, but too small to show
.. = data not available

Value

Values shown are selling values at works.

For more information

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INDUSTRIAL CHEMICALS
MANUFACTURES

UNIT	YEAR	TOTAL	JAN.	FEB.	MAR.	APR.	MAY.	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.
------	------	-------	------	------	------	------	------	------	------	------	------	------	------	------

11.1 TANNING EXTRACT

TANNING EXTRACT

		2008,976,127												
t	2002	53,826	6 247	7 451	7,069	5,170	3,116	1,237	:	:	2,425	7,517	8,385	5,209
	2001	43 973	5 600	7 463	7 799	3 768	4 988	:	:	:	2 776	5 049	6 530	

BASIC INDUSTRIAL CHEMICALS

(EXCLUDING PETROLEUM GAS)

REDUCED AND COMPRESSED

ETHYLENE

t	2003		300	327										
	2002	4,133	302	325	314	327	396	341	421	372	348	375	356	256
	2001	3,027	163	176	182	156	192	312	366	333	278	346	314	209

CARBON DIOXIDE

	2003		452	528										
	2002	5,203	430	466	406	427	437	368	454	422	425	497	446	425

ETHYLENE

INDUSTRIAL

t	2003		88,011	83,866										
	2002	1,040,510	99 892	91 084	87,201	81,927	69,315	77,129	94,933	92,348	87,246	89,713	83,966	85,756
	2001	1,047,829	81 512	79 788	84 495	82 278	85 278	85 062	86 028	83 732	96 856	90 336	95 539	96 925

GASES (EXCLUDING OXYGEN AND

PETROLEUM GAS)

t	2003		63,658	61,868											
	2002		819,899	71,145	73,349	66,681	6,436	71,214	66,437	75,410	72,083	63,694	65,515	63,184	64,751
	2001		830,173	73 356	68 470	69 563	67 807	65 896	66,459	68,113	65,486	77,975	70,967	68,406	67,675

ORGANIC COMPOUNDS

ALCOHOLS

t	2003			8,080	39,821									
	2002	563,092	53 016	43 016	51,154	49,718	45,961	48,581	43,174	49,268	44,411	44,318	41,084	49,391
	2001	536 526	47 028	45 185	42 335	48 020	40 229	42 957	48 272	43 061	48 218	41 714	45 950	43 557

ALDEHYDES, KETONES AND DERIVATIVES

t	2003			21,233	21,453										
	2002	337,270	26 603	24 040	27,952	27,952	27,952	30,919	29,912	29,381	29,810	28,624	27,275	29,083	27,239
	2001	324 047	24 869	29 340	23 303	27 463	26 820	28 174	33 400	27 585	17 187	30 720	28 100	27 086	

INDUSTRIAL CHEMICALS (CONTINUED)

MANUFACTURES	UNIT	YEAR	TOTAL	JAN.	FEB.	MAR.	APR.	MAY.	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.
--------------	------	------	-------	------	------	------	------	------	------	------	------	------	------	------	------

11.2 BASIC INDUSTRIAL CHEMICALS (CONCLUDED)

INORGANIC COMPOUNDS

ACIDS

		2003		434,950	389,819										
t	2002	4,919,393	423,125	416,572	368,487	389,743	403,946	375,000	353,087	383,407	404,278	478,792	448,553	474,403	
	2001	4,298,735	329,530	321,257	297,386	339,580	352,660	336,503	385,355	427,889	382,192	376,669	448,110	301,604	

SODIUM HYPOCHLORITE

t	2001			3,159	3,470	2,628									
	2000	41,639		3,357	3,825	3,233	4,075	3,288	2,876	3,849	3,952	3,083	3,136	4,042	2,923

PLASTIC, PRIMARY FORMS

CONDENSATION, POLYCONDENSATION AND POLYADDITION PRODUCTS

THERMOSETTING POLYESTER

RESINS

		2003		1,666	1,930										
t	2002	24,308		1,399	1,972	1,838,027	1,100	2,181	1,400	2,282	2,292	2,794	2,282	1,733	
	2001	18,525	896	1,522	1,434	1,557	1,421	1,155	1,782	1,749	1,244	2,182	2,171	1,412	

ADDITION AND COPOLY-
MER PRODUCTS

t	2002	805,076	79,620	59,776	66,046	73,897	75,693	69,546	68,674	69,651	59,095	5,963	67,826	58,289
	2001	773,905	65,551	69,606	59,302	67,101	65,544	71,618	72,171	66,726	44,519	69,998	67,183	54,586

INDUSTRIAL CHEMICALS (CONCLUDED)
MANUFACTURES

11.3 FERTILIZERS

NITROGENOUS FERTILIZERS

UNIT	YEAR	TOTAL	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.
	2003		51	55										
1 000 t	2002	657	68	36	18	69	60	53	46	69	56	75	48	59
	2001	467	41	28	54	38	28	60	42	44	41	30	14	47

PHOSPHATIC FERTILIZERS

	2003		15	31										
1 000 t	2002	369	49	52	42	45	22	4	13	8	19	40	40	35
	2001	309	14	45	35	36	22	28	15	25	28	32	18	11

OTHER FERTILIZERS

	2003		87	67										
1 000 t	2002	1,095	50	47	62	59	71	58	93	81	107	187	172	108
	2001	858	55	46	34	41	64	40	83	87	85	107	134	82

11.4 INSECTICIDES

11.4.1 INSECTICIDES, ETC. - LIQUIDS

INSECTICIDES (CROP PROTECTION ONLY)

ORGANO PHOSPHATES

	2003		441	644										
kl	2002	4,297	167	204	592	213	109	167	197	163	143	149	1,909	284
	2001	4 128	168	178	407	289	175	279	221	535	553	741	369	213

OTHER

	2003		481	819										
kl	2002	5,792	375	159	228	1,275	138	307	276	243	477	483	1,220	611
	2001	2 300	204	124	115	104	181	218	201	123	114	472	113	331

11.4.2 INSECTICIDES, ETC. - SOLIDS

INSECTICIDES

	2003		156											
t	2002	12,668	39	41	212	502	10,107	37	362	284	251	227	345	261
	2001	2 340	98	77	136	85	14	82	628	294	296	262	359	9

HERBICIDES

	2003		5,144	5,975										
kl	2002	36,741	1 706	2 663	3,081	462,790	2,517	2,453	1,221	842,764	7,338	4,880		
2001	64 722	3 800	4 783	4 627	4 904	5 804	11 482	6 134	5 887	6 518	3 844	2 380	4 559	

OTHER CHEMICAL PRODUCTS
MANUFACTURES

UNIT YEAR TOTAL JAN. FEB. MAR. APR. MAY JUN. JUL. AUG. SEP. OCT. NOV. DEC.

12.1 PAINTS, VARNISHES AND LACQUERS

PAINTS, VARNISHES, LACQUERS AND THE LIKE

		2003		1,722,109											
		kL	2002	27,527	1,782,663	2,731	1,612,733	2,053	2,320,872	1,022,250	2,854	1,487			
BRUSHING ENAMELS			2003	4,033	3,638										
	kL	2002	54,201	4,002	5,082	4,288	3,352	4,399	3,377	4,410	5,804	4,115	5,044	6,326	4,002
		2001	6,044	637	579	585	452	413	452	460	475	412	436	527	616
ACRYLIC AND EMULSION			2003	482	471										
	kL	2002	7,296	511	487	499	532	647	496	665	750	740	721	793	455
		2001	6,044	637	579	585	452	413	452	460	475	412	436	527	616
WATER-BASED AND STOEPP			2003	142	208										
	kL	2002	2,808	134	235	206	232	292	219	345	276	211	262	261	135
		2001	2,000	168	169	178	151	147	165	179	189	162	156	212	124
HEAT RESISTING			2003	323	384										
	kL	2002	5,728	361	290	354	517	810	410	570	591	395	594	449	387
		2001	5,322	648	587	611	534	486	399	403	494	486	503	482	337
AND DOMESTIC PRIMERS			2003	323	384										
	kL	2002	5,728	361	290	354	517	810	410	570	591	395	594	449	387
		2001	5,322	648	587	611	534	486	399	403	494	486	503	482	337

OTHER CHEMICAL PRODUCTS (CONTINUED)

MANUFACTURES	UNIT	YEAR	TOTAL	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.
12.1 PAINTS, VARNISHES AND LACQUERS (CONCLUDED)															
BITUMINOUS PAINTS		2003		42	71										
	k1	2002	1,032	43	98	82	89	89	63	91	113	102	101	102	60
		2001	721	54	69	75	60	47	59	75	66	49	44	80	43
POLYURETHANE		2003		200	230										
	k1	2002	3,014	165	270	276	221	411	318	251	291	174	216	295	126
		2001	4,712	340	406	409	365	379	469	398	395	382	414	506	249
STOVING	k1	2000	11,418	633	1,067	1,150	1,057	1,147	1,385	918	958	793	815	998	497
		1999	10,816	660	1,173	1,283	833	969	717	1,304	756	845	1,375	538	363
CAR FINISHES		2003		959	1,062										
	k1	2002	11,565	784	1,119	932	988	961	763	1,161	1,038	1,036	1,173	1,107	503
		2001	7,323	245	406	415	405	401	539	786	758	668	764	1,161	775
PRIMERS, INDUSTRIAL		2003		248	334										
	k1	2002	3,847	214	365	319	325	417	282	381	355	271	407	298	213
		2001	7,499	436	618	632	622	644	600	397	437	335	392	374	187
VARNISHES (DOMESTIC, INSULATING AND INDUSTRIAL)		2003		288	338										
	k1	2002	5,677	318	501	439	426	555	382	493	560	373	650	673	307
		2001	8,913	762	957	999	789	644	707	537	724	722	692	957	423
WOOD FINISHES NOT CONTAINING INSECTICIDAL AND FUNGICIDAL PROPERTIES		2003		203	287										
	k1	2002	2,530	189	282	243	224	205	187	201	183	154	241	256	165
		2001	2,789	159	288	330	350	276	202	192	240	165	201	206	180
GENERAL AND INDUSTRIAL LACQUERS		2003		536	679										
	k1	2002	6,220	324	456	684	567	638	467	599	446	407	594	694	344
		2001	7,279	374	512	520	501	648	598	704	898	809	626	718	371

OTHER CHEMICAL PRODUCTS (CONTINUED)
MANUFACTURES

	UNIT	YEAR	TOTAL	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.
12.2 MEDICINAL AND PHARMACEUTICAL PREPARATIONS															
TABLETS, PILLS AND CAPSULES															
ASPIRIN AND OTHER ANALGESICS															
(E.G. PARACETAMOL AND	1 000 000	2003		130	143										
ASPIRIN COMPOUNDS)		2002	1,805	107	152	145	154	188	162	139	135	163	159	186	115
		2001	1 718	84	124	132	127	159	176	146	138	175	152	173	132
VITAMINS AND MULTIVITAMINS															
	1 000 000	2003		26	38										
		2002	631	22	38	66	77	83	71	40	52	50	44	68	20
		2001	480	19	36	30	38	36	44	36	60	55	42	58	26
TRANQUILLISERS															
	1 000 000	2003		11	18										
		2002	279	7	31	26	31	20	20	30	20	42	16	24	12
		2001	252	6	24	20	21	17	15	25	26	28	31	15	24
OTHER															
	1 000 000	2003		52	92										
		2002	1,823	57	133	137	287	209	177	153	153	155	136	137	89
		2001	1 217	43	54	67	102	141	113	119	110	104	122	153	89
LIQUID AND EMULSION PREPARATIONS															
IN PREPARED FORM															
ANTITUSSIVES AND EXPECTORANTS															
	k1	2003		106	191										
		2002	2,622	118	228	239	362	337	330	279	165	140	138	195	91
		2001	2 495	85	203	298	298	316	350	141	161	142	202	185	114
ANTACID PREPARATIONS															
	k1	2003		74	97										
		2002	1,498	74	165	95	123	135	142	135	112	114	123	202	78
		2001	1 371	73	149	101	91	177	177	102	96	107	126	141	31
OTHER GASTRO-INTESTINAL MEDICINE															
(EG. DIGESTANTS, ANOREXIGENICS	k1	2003		61	85										
LAXATIVES)		2002	2,504	97	118	145	134	254	180	227	312	299	315	297	126
		2001	2 029	82	225	201	155	171	156	199	93	154	168	220	205

OTHER CHEMICAL PRODUCTS (CONTINUED)
MANUFACTURES

UNIT YEAR TOTAL JAN. FEB. MAR. APR. MAY. JUN. JUL. AUG. SEP. OCT. NOV. DEC.

12.2 MEDICAL AND PHARMACEUTICAL PREPARATIONS (CONCLUDED)

OINTMENTS, LINIMENTS AND CREAMS

CONTAINING ANTIBIOTICS

		2003		3,581,405												
		kg	2002	2003	2001	2002	2003	2001	2002	2003	2001	2002	2003	2001	2002	2003
	2001	80 828	5 214	8 050	7 794	6 785	5,908	7 942	5 986	8 132	6 900	4 196	6 709	7 212	5,968,175	

SEPTIC PREPARATIONS

	2003		347	296												
t	2002	5,191	438	242	346	550	472	405	406	493	566	446	358	469		
	2001	6 313	40	412	764	411	1 151	551	278	558	724	724	329	371		

AND SPRAYS (EYE, EAR, NOSE AND
(T))

	2003		4	8												
kL	2002	108	4	8	8	7	11	16	10	10	6	14	10	4		
	2001	145	5	11	13	14	25	13	18	19	5	8	9	5		

CTIONS PUT UP FOR INJECTIONS -
NING ANTIBIOTICS

	2003		53													
kL	2002	1,168	41	182	92	69	57	60	101	216	172	77	67	34		
	2001	773	10	9	11	33	105	18	51	20	83	73	255	105		

OTHER CHEMICAL PRODUCTS (CONTINUED)
MANUFACTURES

UNIT YEAR TOTAL JAN. FEB. MAR. APR. MAY JUN. JUL. AUG. SEP. OCT. NOV. DEC.

12.3 SOAP, OTHER CLEANING COMPOUNDS AND CANDLES

SOAP

HOUSEHOLD (TABLETS) AND LAUNDRY BARS

			2003			3,799	5,044										
t	2002	115,103	6,644	8,177	11,366	9,831	9,165	10,390	12,643	10,042	8,007	10,483	9,516	8,839			
	2001	100,408	5,247	6,938	8,398	9,706	7,608	7,443	10,890	9,265	9,433	10,774	8,803	5,903			

TOILET

			2008,867,598														
t	2002	66,206	3,608	5,657	5,884,086	5,505	5,171	6,724	5,544	5,202	5,769	5,246	5,810				
	2001	57,577	3,167	4,403	5,663	5,832	4,710	4,218	4,966	5,041	4,608	6,153	5,903	2,913			

OR WASHING PURPOSES

t	2003		17,014	13,643													
	2002	193,711	13,954	13,579	14,427	21,932	17,444	16,934	16,296	13,713	17,435	20,942	15,103	11,952			
	2001	189,600	17,813	17,508	13,441	13,223	14,751	14,162	19,343	15,217	16,222	24,435	15,009	8,476			
	2003		10,063	11,320													
kl	2002	127,643	10,938	11,801	10,655	13,188	11,488	10,130	12,037	8,488	11,128	11,234	10,207,259				
	2001	133,730	11,120	11,140	10,877	10,611	12,479	11,734	12,449	9,081	10,569	13,812	12,187	7,671			

URING POWDERS,
KE

			2003			1,701	1,887										
t	2002	18,563	1,233	1,307	1,062	1,713	1,620	1,297	1,762	1,518	1,352,334	2,085	1,280				
	2001	15,461	1,360	1,329	1,013	1,029	1,498	1,322	1,346	995	1,321	1,979	1,617	652			

OTHER)

			2003			1,695	1,681										
t	2002	26,101	2,310	1,879	1,921	3,027,506	1,993	2,087,162	1,78,299	2,020	1,692						
2001	27,025	2,190	2,167	2,273	2,067	2,333	2,220	2,359	2,361	2,369	2,509	2,231	1,946				
	2003		1,394	1,791													
t	2002	24,830	782,729	4,042,221,397	2,222	2,813	1,756	1,720,001	1,016	1,124							
3,671	953	1,329	1,372	1,466	2,071	1,616	1,461	1,687	1,603	2,209	1,786	1,118					

OTHER CHEMICAL PRODUCTS (CONTINUED)
MANUFACTURES

12.4 PERFUMES, COSMETICS AND OTHER TOILET PREPARATIONS

TOOTHPASTES AND DENTIFRICES

UNIT	YEAR	TOTAL	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.
	2003		1,373	1,798										
t	2002	22,013	1,957	1,849	1,663,098	1,095	1,752	2,018,314	1,815	1,443	1,779	1,234		
2001	22,742	1,197	1,668	1,879	1,892	1,772	1,510	1,935	1,837	1,938	2,987	2,585	1,542	

LOTIONS - BODY, HAND AND FACE

kl	2003		1,732	1,403										
	2002	17,155	1,028	1,419	1,844	1,346	1,412	1,342	1,979	1,741	1,344	1,411	1,339	950
	2001	19,099	614	1,114	1,291	1,404	1,571	1,890	1,084	1,325	1,203	2,699	2,259	2,645

HAIR PREPARATIONS

HAIR CREAMS, RELAXERS, GEL, etc.
BRILLIANTINE POMADE

t	2003		602	740										
	2002	9,365	466	651	766	785	703	766	875	703	879	1,059	1,084	628

COLOUR RINSES AND DYES

t	2003		39	60										
	2002	507	35	41	68	33	39	60	31	32	35	51	58	24
	2001	688	22	39	58	39	50	65	90	61	78	86	80	20

SHAMPOOS (LIQUID)

kl	2003		283	541										
	2002	9,039	450	857	871	906	869	876	359	574	610	609	466	1,592
	2001	7,620	467	583	927	589	501	599	503	634	543	888	837	549

t	2003		412	445										
	2002	6,746	305	472	590	715	510	724	623	640	594	701	595	277
	2001	4,144	185	330	435	417	356	404	322	305	386	349	417	238

CONDITIONERS, SETTING LOTIONS
AND PREPARATIONS

kl	2003		703	658										
	2002	7,861	585	696	588	673	748	550	847	612	656	745	732	429
	2001	7,941	484	683	858	739	845	563	640	687	672	652	709	409

FACE, LIP AND EYE COSMETICS

CREAMS

t	2003		917	371										
	2002	5,256	242	407	1,241	1,018	402	360	286	144	247	353	377	179
	2001	4,640	194	206	199	311	333	569	321	391	327	552	889	348

OTHER CHEMICAL PRODUCTS (CONCLUDED)
MANUFACTURES

12.4 PERFUMES, COSMETICS AND OTHER TOILET PREPARATIONS (CONCLUDED)

FACE, LIP AND EYE COSMETICS (CONCLUDED)

	UNIT	YEAR	TOTAL	JAN.	FEB.	MAR.	APR.	MAY.	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.
LIPSTICKS		2003		1,867	1,179										
	kg	2002	15,997	607	957	1,345	1,461	1,622	1,010	966	1,848,666	1,340	1,284	891	
		2001	16 983	1 029	1 551	2 078	1 914	1 577	1 279	1 472	1 455	1 155	1 640	1 345	488
EYESHADOW		2003		539	661										
	kg	2002	6,885	230	745	419	350	452	298	329	535	1,040	1,036	1,003	448
		2001	9 006	237	728	442	378	1 217	988	594	515	1 087	1 027	1 060	733
OTHER (MASCARA ETC.)		2003		9 404	8 433	9 546	17 031	19 843	15 110	19 633	14 388				
	kg	2000	122,298,719	11,593	12,319	5,727	8,171	5,422	15,239	8,294	14,681	21727	11,607	9,793	

BODY (GENERAL)

TALCUM POWDER		2003		59	122										
	t	2002	1,243	57	118	85	102	176	153	95	58	108	98	100	93
		2001	1 044	35	105	102	76	67	152	94	96	94	58	53	112
DEODORANTS		2003		1,300	1,356										
	t	2002	15,169	423	1,306	1,693	1,366	1,537	1,193	577	783	1,364	1,871	1,751	1,305
		2001	12,462	374	841	1,304	1,096	1,140	1,831	1,026	1,712	763	980	794	601
BATH OIL AND BATH ADDITIVES		2003		263	459										
	kL	2002	3,602	136	270	216	274	204	277	392	376	405	359	356	337
		2001	2 722	130	173	218	129	244	406	240	289	317	180	255	141

12.5 OTHER CHEMICAL PRODUCTS NOT ELSEWHERE CLASSIFIED

POLISHES

FLOOR AND STOEP		2003		904	1,910										
	t	2002	18,315	1,032,758	1,776	1,246	885	1,132	1,078	1,438	515	1,948	2,012,486		
		2001	25 510	1 109	1 825	3 143	1 797	1 786	2 427	1 695	1 910	2 916	2 261	2 030	2 611

ES

L PROTEINS AND CARBOHYDRATES

		2001		241	225										
	t	2000	4 568	378	431	343	423	381	323	418	315	345	379	509	323
		1999	3 309	251	321	188	247	161	251	371	281	337	341	330	230
		2003		4,368,601											
	t	2002	72,299	5 343	6 355	5,858,965	5,967	5,669	7,658,287,650,281	5,591	3,740				
		2001	82 587	6 926	7 126	7 928	7 203	6 626	7 061	6 992	5 960	6 258	7 859	7 221	5 427

PETROLEUM PRODUCTS MANUFACTURES															
	UNIT	YEAR	TOTAL	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.
13.1 PETROLEUM REFINERIES															
MOTOR SPIRIT															
97 OCTANE															
1 000	kl	2003		235	265										
		2002	3,438	339	275	309	290	234	293	292	261	275	323	241	306
		2001	3 536	322	271	330	346	239	233	303	328	269	323	278	294
87,90,91,93,95 OCTANE															
1 000	kl	2003		515	518										
		2002	6,958	613	535	561	516	680	600	612	575	549	618	510	589
		2001	6 433	561	517	483	531	520	504	596	528	501	542	563	587
AVIATION SPIRIT															
JET AND TURBO FUEL															
1 000	kl	2003		144	155										
		2002	2,219	219	204	228	200	213	116	138	103	165	194	207	232
		2001	2 197	260	238	211	239	171	157	93	97	112	194	210	215
KEROSENE (POWER PARAFFIN AND ILLUMINATING PARAFFIN)															
	kl	2003		58,977	6,862										
		2002	885,184	58 908	59 483	65,996	79,575	58,087	96,787	75,393	82,445	79,189	95,000	76,843	57,478
		2001	892 710	52 045	66 941	63 744	66 965	61 968	70 549	86 093	111 528	64 505	85 220	80 069	83 083
FUEL OIL															
DIESEL FUEL LIGHT (AUTOMOTIVE)															
1 000	kl	2003		541	524										
		2002	7,654	646	639	633	639	632	715	629	566	657	652	623	623
		2001	7 163	621	579	628	665	503	500	561	578	567	632	617	712
LUBRICATING AND PROCESS OILS															
AUTOMOTIVE REFINED															
	kl	2003		27,980	24,279										
		2002	342,193	2,554	29,795	25,598	30,240	2,556	31,589	31,092	29,110	21,943	28,622	32,898	2,105
		2001	313,611	24,541	28,547	30,729	35,904	24,936	11,232	13,857	31,780	29,366	2,051	25,701	24,967
OTHER (EG. MINING AND INDUSTRIAL)															
	kl	2003		10,647	8,822										
		2002	113,269	10 468	8 636	10,290	9,242	9,982	8,898	10,260	8,629	9,268	9,775	10,303	7,518
		2001	123 874	11 756	10 058	11 068	9 944	10 995	9 928	10 947	9 333	9 726	10 930	11 162	8 027
LUBRICATING GREASE															
	t	2003		856	1,017										
		2002	10,571	826	1 014	937	819	1,045	607	1,004	723	845	940	1,059	752
		2001	9 128	967	953	825	618	967	515	675	376	649	874	962	747
MISCELLANEOUS REFINERY PRODUCTS (EG. BITUMEN)															
	kl	2003		30,277	19,206										
		2002	234,999	19 045	26 973	23,622	18,874	2,552	16,059	9,292	8,105	13,441	28,122	29,706	19,208
		2001	232 228	21 707	18 542	16 050	18 070	19 360	24 717	17 342	10 358	12 121	14 218	37 002	22 741

PETROLEUM PRODUCTS (CONCLUDED)
MANUFACTURES

	UNIT	YEAR	TOTAL	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.
13.2 MISCELLANEOUS PRODUCTS OF PETROL AND COAL															
FUEL GAS															
LIQUID PETROLEUM GAS															
		2003		29,790	41,736										
t		2002	498,090	38,943	36,388	42,439	30,410	2,909	47,391	50,776	51,379	45,252	39,674	34,125	38,404
		2001	512,021	39,443	38,307	36,767	44,579	33,478	37,373	52,269	45,756	47,905	49,813	44,607	41,724

RUBBER PRODUCTS
MANUFACTURES

14.1 TYRES AND TUBES

MOTOR CAR TYRES - RADIAL PLY

UNIT	YEAR	TOTAL	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.
1 000	2003		570	729										
	2002	8,551	567	725	669	685	797	731	812	801	789	777	821	377
	2001	7 757	509	686	771	657	783	733	775	623	313	788	743	376
1 000	2003		187	213										
	2002	2,565	166	217	205	216	252	239	259	250	202	224	244	91
	2001	2 369	158	215	252	194	245	243	237	176	80	233	232	104
1 000	2003		47	64										
	2002	728	49	62	54	60	71	65	71	71	62	66	69	28
	2001	621	43	58	63	50	63	58	57	45	21	67	66	30

EARTH MOVER AND GRADER TYRES

		2,003		1,852,835												
		No.	2002	28,695	1 564	2 086	2,362,442	2,931	2,500	3,022,420	4,164	2,868	1,388			
	2001	26 386	1 569	1 876	2 259	2 039	2 684	3 017	3 373	2 480	950	2 953	2 287	899		
		2,003	5,589	8,501												
		No.	2002	98,454	3 888	7 177	6,712	9,905	9,427	8,972	9,899	10,245,639	10,481	9,950	5,159	
	2001	83 877	5 787	8 110	9 421	7 574	7 013	7 793	8 415	5 549	3 240	7 450	9 657	3 868		
		2003	4,659	5,281												
		No.	2002	67,055	4 300	6 181	6,732	7,012,165	5,366	6,378	5,629	4,298	5,342	6,317	3,335	
	2001	65 839	4 476	5 158	6 352	5 429	7 113	6 425	6 516	4 370	2 468	7 111	7 357	3 064		

TRACTOR TYRES - FRONT

	2003	5,589	8,501												
	No.	2002	98,454	3 888	7 177	6,712	9,905	9,427	8,972	9,899	10,245,639	10,481	9,950	5,159	
	2001	83 877	5 787	8 110	9 421	7 574	7 013	7 793	8 415	5 549	3 240	7 450	9 657	3 868	
	2003	4,659	5,281												
	No.	2002	67,055	4 300	6 181	6,732	7,012,165	5,366	6,378	5,629	4,298	5,342	6,317	3,335	
	2001	65 839	4 476	5 158	6 352	5 429	7 113	6 425	6 516	4 370	2 468	7 111	7 357	3 064	
	2003	1,545	1,947												
	t 2002	21,378	1,078	1,852	2,102,062	1,189	1,917	1,938	1,694	1,601	1,797	2,038	1,105		
	2001	16,409	1,225	1,582	1,669	1,326	1,416	1,441	1,436	1,309	1,056	1,548	1,250	1,151	

CLASSIFIED

	2003	211	222												
	2002	2,139	150	232	215	195	160	137	173	170	162	262	265	18	
1 000	2001	2 595	148	243	256	265	301	276	274	221	129	209	198	75	
	2003	211	540												
	2002	3,856	139	238	395	313	307	300	402	316	508	296	331	311	
1 000 m	2001	4,111	201	356	336	277	397	399	398	401	410	483	358	95	

PLASTIC PRODUCTS
MANUFACTURES

15.1 PLASTIC PRODUCTS

BUILDING MATERIALS

FLOORING MATERIALS

QUANTITY

UNIT	YEAR	TOTAL	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.
	2003		83	257										
1 000 m2	2002	2,876	60	221	290	315	329	303	309	249	239	227	265	69
	2001	2,285	65	197	166	73	164	191	228	274	263	299	267	98

VALUE

R1 000	YEAR	TOTAL	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.
	2003		1,988	5,716										
	2002	62,012	1,155	4,524	6,696	738,805	5,587	6,446	5,823	5,180	5,258	6,052	1,754	
	2001	46,936	1,246	3,962	3,401	1,647	4,127	4,811	5,792	4,955	4,789	5,558	4,805	1,843

GUTTERS AND DOWNPIPES

QUANTITY

UNIT	YEAR	TOTAL	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.
	1999	127	147	125										
t	1998	1,714	96	181	83	126	177	196	177	90	149	147	65	
	1997	1,849	119	178	189	160	167	219	184	191	127	123	119	73

VALUE

R1 000	YEAR	TOTAL	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.
	1999	1,101	1,283	1,066										
	1998	18,455	1,006	1,840	2,381	902	1,360	1,928	2,257	1,920	979	1,604	1,597	681
	1997	17,545	1,875	2,432	1,538	1,351	1,388	1,885	1,586	1,666	1,163	1,049	952	660

BAGS AND SACKS

QUANTITY

UNIT	YEAR	TOTAL	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.
	2003	3,395	5,363											
t	2002	112,778	7,728	8,154	7,929	7,858	11,174	10,872	11,828	11,940	11,311	11,558	8,159	5,261
	2001	95,932	7,243	8,415	8,213	6,796	8,372	8,085	8,524	8,168	7,475	8,825	8,959	6,857

R1 000	YEAR	TOTAL	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.
	2003	81,089	71,001											
	2002	942,396	68,898	8,381	79,243	67,820	78,700	74,617	81,453	76,834	80,055	85,378	96,364	61,653
	2001	942,414	70,119	75,255	83,736	74,145	83,090	79,128	80,302	78,742	73,071	86,530	89,390	68,906

PS AND DISCS

R1 000	YEAR	TOTAL	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.
	1999	8,945	10,251	11,306										
	1998	124,115	8,949	10,892	11,811	10,314	9,675	10,088	9,755	7,542	10,287	13,234	13,711	7,857
	1997	129,242	8,458	12,844	10,212	11,797	10,307	10,127	11,510	10,665	11,639	11,639	12,448	7,030

CAPACITY 2 LITRES AND LESS

UNIT	YEAR	TOTAL	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.
	2003	1,525	1,463											
t	2002	18,036	1,674	1,501	1,595	1,599	1,445	1,171	1,390	1,406	1,484	1,655	1,556	1,560
	2001	17,234	1,604	1,358	1,469	1,292	1,317	1,242	1,379	1,526	1,441	1,699	1,587	1,320

R1 000	YEAR	TOTAL	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.
	2003	18,884	17,643											
	2002	208,990	17,186	15,633	17,484	61,943	17,194	14,656	16,521	17,553	17,266	19,841	19,698	19,015
	2001	177,521	17,239	21,421	14,388	21,930	13,059	12,370	13,798	15,926	15,472	17,992	17,530	14,396

PLASTIC PRODUCTS (CONTINUED)
MANUFACTURES

15.1 PLASTIC PRODUCTS (CONTINUED)

OTHER CONTAINERS - CAPACITY 2 LITRES AND LESS (CONTINUED)

HOUSEHOLD LIQUIDS

QUANTITY

UNIT	YEAR	TOTAL	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.
t	1998		852	1 102	1 118	978	1 026	900	1 087	850	964	1 104		
	1997	13 721	868	1 448	1 248	1 372	1 265	1 057	1 186	1 045	1 016	1 333	1 156	727

VALUE

R1 000	YEAR	TOTAL	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.
	1998		10 206	12 450	13 388	12 404	12 433	13 393	14 817	11 446	13 668	15 359		
	1997	161 797	11 366	17 042	14 590	16 487	13 582	12 356	13 515	12 177	12 352	15 548	13 684	9 098

OTHER (EG. MEDICAL, COSMETICS,
INDUSTRIAL LIQUIDS, FEEDING)

QUANTITY

UNIT	YEAR	TOTAL	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.
t	1998		1 576	2 348	1 934	2 325	2 009	1 948	1 982	1 646	2 009	2 074		
	1997	28 146	1 994	3 429	2 548	2 664	2 242	2 187	2 476	2 020	2 079	2 809	3 916	1 841

VALUE

R1 000	YEAR	TOTAL	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.
	1998		16 182	23 174	18 027	21 749	18 875	21 939	17 179	14 173	19 416	20 435		
	1997	244 782	16 394	25 688	19 799	22 027	18 133	19 152	21 957	20 970	19 857	23 966	24 925	13 139

OTHER CONTAINERS

CAPACITY 2 - 10 LITRES

QUANTITY

UNIT	YEAR	TOTAL	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.
t	2003		286	172										
	2002	2,545	304	304	288	190	149	115	151	200	176	222	234	212
	2001	3 447	225	318	273	239	304	306	289	302	275	321	353	242

VALUE

R1 000	YEAR	TOTAL	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.
	2003	2008,369	4,611											
	2002	62,486,996	7,006	6,805	4,696	3,500	1,893	4,029	5,468	4,581	5,736	6,311	5,465	
	2001	68,640	4 183	6 083	5,625	4 796	5 518	4 921	5 677	5 763	5 580	7 260	7 975	5 259

CAPACITY 11 - 100 LITRES

QUANTITY

UNIT	YEAR	TOTAL	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.
t	2003	1,227	921											
	2002	11,470	1 193	937	826	1,235	643	894	875	811	818	1,355	1,360	523
	2001	10 207	876	1 191	1 103	769	868	759	717	792	444	1 003	1 170	515

VALUE

R1 000	YEAR	TOTAL	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.
	2003	10,048,808												
	2002	95,860	8,223	7,549	6,153	9,318	5,933	8,204	7,699	7,236	7,371	11,510	11,836	4,828
	2001	83 207	6 712	8 538	8 721	5 806	7 581	6 706	6 316	6 302	4 442	8 410	9 559	4 114

MATTRESSES

(EXCLUDING MATTRESSES)

UNIT	YEAR	TOTAL	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.
1 000	2003	20,769	8,044											
	2002	342,368	14 812	31,158	30,640	27,693	27,703	23,394	27,914	27,558	28,259	39,627	42,736	20,874
	2001	300,118	15,375	31,312	25 727	16 975	25 237	30 704	25 934	21 625	30 437	26 247	31 332	19 213

PLASTIC PRODUCTS (CONTINUED)
MANUFACTURES

15.1 PLASTIC PRODUCTS

MATTRESSES (FOAM PLASTIC AND SPONGE RUBBER)

VALUE	UNIT	YEAR	TOTAL	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.
	R1 000	1998		1 080	1 517										
		1997	18 454	717	1 519	1 514	1 644	1 437	1 150	1 551	1 686	1 724	1 881	1 980	1 651
		1996	15 367	417	1 272	1 428	1 228	1 233	1 522	1 015	1 281	1 216	1 454	1 861	1 440

IMPREGNATED, COATED OR LAMINATED
TEXTILE FABRICS

QUANTITY	UNIT	YEAR	TOTAL	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.
	1 000 m2	2003		3,723	4,454										
		2002	63,662	4 317	4 441	4,669	5,166,354	5,331	6,236	5,547	5,744,598	6,678,581			
		2001	42 741	2 794	3 564	3 169	2 197	3 284	3 293	3 048	4 352	4 204	5 061	5 556	2 219

VALUE	UNIT	YEAR	TOTAL	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.
	R1 000	2003	2,179	28,208											
		2002	411,212	25,255	2,746	35,454	34,280	39,585	36,345	44,847	39,668	30,732	8,565	36,373	19,362
		2001	320 830	18 896	31 096	27 024	28 990	29 711	22 004	22 800	28 963	25 792	33 027	33 887	18 640

ES, PIPES AND TUBES

RDEN, IRRIGATION, PRESSURE, CIVIL ENGINEERING,
SEWERAGE AND DRAIN PIPES

QUANTITY	UNIT	YEAR	TOTAL	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.
	t	2002		3,483											
		2001	42,362,798	3,793	4,187	3,045	3,985	3,961	3,530	3,340	3,670	4,273	3,973	1,808	
		2000	36,163	3,396	4,201	3,121,738,584	3,196	3,352,959	3,320	3,640	2,691	914			
	R1 000	2002	31,523												
		2001	341,933	24,264	2,725	32,779	27,509	34,200	33,076	27,701	23,948	27,126	29,810	34,312	14,483
		2000	277,773	20,955	27,466	23,197	20,018	23,881	28,820	27,939	24,809	24,507	2,533	24,587	9,061

PLASTIC PRODUCTS (CONCLUDED)
MANUFACTURES

15.1 PLASTIC PRODUCTS

FLEXIBLE PACKAGING IN ROLLS OR SHEETS

POLYETHYLENE

QUANTITY	UNIT	YEAR	TOTAL	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.
	t	1997	28 579	1 755	2 207	2 250	2 260	1 879	1 847	2 952	1 856	2 885	2 698	2 619	3 371
		1996	27 196	1 813	2 419	2 187	1 961	2 135	2 031	2 876	2 235	2 136	3 190	2 572	1 641
VALUE	R1 000	1997	246 974	12 659	20 625	17 495	21 489	14 869	17 433	26 994	17 793	26 531	23 527	21 098	26 461
		1996	258 740	13 652	18 413	15 641	21 090	25 039	23 741	27 956	22 503	23 331	29 777	21 964	15 633

OTHER (POLYSTYRENE, POLYPROPYLENE, ETC)

VALUE

		2003		103,038	78,159										
R1 000		2002	1,123,839	61,298	88,805	86,111	90,385	104,446	91,511	95,549	104,309	97,666	60,971	122,411	74,377
		2001	869 139	57 620	71 469	69 408	65 878	83 620	76 586	74 470	71 960	71 372	81 176	88 014	57 566

PIPE FITTINGS (EXCLUDING ELECTRICAL)

VALUE

		2003		7,873	10,007										
R1 000		2002	99,088	7,473	9,132	11,357	7,622	8,200	10,741	5,410	8,830	8,262	9,991	9,520	480
		2001	97,956	8 192	10 409	9 725	7 258	11 429	8 540	7 668	5,775	8,598	9,335	8,088	939

NON-METALLIC MINERAL PRODUCTS
MANUFACTURES

16.1 STRUCTURAL CLAY PRODUCTS

TILES

	UNIT	YEAR	TOTAL	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.
FLOORING, CLAY		2002		713											
	1 000 m2	2001	10 163	724	858	778	764	844	882	951	827	922	1 044	1 060	509
		2000	9 657	841	803	898	852	849	825	727	829	836	906	858	433

WALL (GLAZED AND UNGLAZED)		2002		965											
	1 000 m2	2001	10 693	838	860	801	712	891	958	1 045	952	969	975	858	839
		2000	9 869	419	870	930	723	878	887	1 128	916	865	939	869	445

WASH BASINS	1 000	1999		10	16										
		1998	170	5	16	18	13	17	17	17	16	14	14	15	8

BRICKS, BUILDING

STOCKS		2003		97	97										
	1 000 000	2002	1,226	81	97	109	105	107	107	116	111	100	109	109	75
		2001	1 100	85	87	91	87	94	100	101	100	89	96	100	70

CEMENT		2003		49	65										
	1 000 000	2002	581	48	50	49	49	48	53	52	53	53	59	36	31
		2001	537	41	45	41	37	51	46	49	45	46	49	50	37

OTHER (FACING, CLINKER, HEAT-INSULATING, ETC.)		2003		54	53										
	1 000 000	2002	606	47	43	45	53	51	51	54	56	56	58	54	38
		2001	657	47	50	50	47	55	57	61	62	63	61	55	49

REFRACTORY PRODUCTS

FIRECLAY SHAPES		2003		5	5										
	1 000 t	2002	98	8	9	8	9	8	8	6	8	9	9	9	9
		2001	64	5	5	4	3	4	4	6	6	6	7	7	7

OTHER SHAPES (MORTARS, CEMENT, SILICA, GANISTER, ETC.)		2003													
	1 000 t	2001		42	43										
		2000	633	53	51	60	59	51	51	56	57	56	49	46	44

NON-METALLIC MINERAL PRODUCTS (CONCLUDED)															
MANUFACTURES															
	UNIT	YEAR	TOTAL	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.
16.2 CEMENT															
READY-MIXED CONCRETE															
		2003		208	210										
	1 000 t	2002	2,694	159	188	197	201	243	223	268	265	251	284	290	125
		2001	2,545	175	218	238	190	238	240	229	239	208	232	231	107
16.3 PLASTER AND OTHER COMPOSITE SHEETS, ETC.															
COMPOSITE SHEETS (MADE OF															
ASBESTOS-CEMENT AND OTHER															
MATERIAL)															
		2003		1,720	1,651										
	1 000 m2	2002	34,518	1,975	2,799	2,865	3,114	2,945	2,979	3,068	3,319	3,489	3,468	3,151	1,346
		2001	34,389	1,762	2,776	2,579	2,586	2,971	3,022	3,401	3,161	3,277	3,866	2,918	2,070
16.4 CEMENT PRODUCTS															
TILES															
CEMENT, ROOFING															
		2003		1,168	1,509										
	1 000 m2	2002	18,467	1,125	1,430	1,509	1,456	1,548	1,503	1,791	1,648	1,644	1,981	1,764	1,068
		2,001	17,721	1,089	1,618	1,703	1,627	1,701	1,437	1,589	1,522	1,349	1,821	1,267	998
CEMENT PAVING BLOCKS															
(INTERLOCKING, ETC.)															
		2003		317	307										
	1 000 m2	2,002	3,799	255	310	393	269	303	342	292	327	320	383	318	287
		2,001	4,204	289	382	395	495	493	340	372	337	267	340	280	214