

# Manufacturing statistics

Products manufactured: chemical, petroleum, rubber, plastic,  
and non-metallic mineral products  
Statistical release  
P3051.3

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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.

INDUSTRIAL CHEMICALS  
MANUFACTURES

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

### 11.1 TANNING EXTRACT

TANNING EXTRACT	2001		5 600	7 463											
t	2000	44 184	5 639	6 785	8 277	3 733	508	41	:	:	:	:	4 691	8 470	6 040
	1999	33 238	7 359	7 134	4 787	1 984	464	:	:	:	:	:	5 060	6 450	

### 11.2 BASIC INDUSTRIAL CHEMICALS

#### GASSES (EXCLUDING PETROLEUM GAS)

##### PRODUCED AND COMPRESSED

ACETYLENE	2001		163	231											
t	2000	2 640	261	285	205	166	195	223	210	215	264	229	235	152	
	1999	2 985	209	244	242	238	256	251	284	279	282	262	290	148	

CARBON DIOXIDE	2001		2 316	2 566											
t	2000	34 229	4 362	4 788	4 173	4 693	2 408	1 082	1 412	1 660	2 284	2 640	2 527	2 200	
	1999	49 344	4 128	5 057	4 107	4 508	3 391	3 152	4 486	4 718	4 080	3 828	4 953	2 936	

##### OXYGEN

INDUSTRIAL	2001		81 512	79 788											
t	2000	1025 118	83 951	80 628	86 325	82 604	87 238	84 388	91 316	85 980	84 989	87 415	86 288	83 996	
	1999	959 880	74 162	68 979	78 109	76 811	87 841	85 115	80 381	78 958	79 173	85 256	79 667	85 428	

OTHER GASES (EXCLUDING OXYGEN AND PETROLEUM GAS)	2001		73 356	68 470											
t	2000	912 633	99 810	84 428	80 106	59 492	76 424	71 473	74 549	74 162	70 328	74 144	73 902	73 815	
	1999	1185 411	94 095	108 382	109 532	114 331	93 949	98 265	96 813	97 860	91 052	98 089	100 226	82 817	

##### ORGANIC COMPOUNDS

ALCOHOLS		2001		47 028	45 185												
	t	2000	504 013	43 546	45 686	43 832	33 306	41 898	43 551	42 169	45 176	29 615	43 036	47 066	45 132		
		1999	485 815	38 774	43 926	38 281	41 158	41 931	38 591	38 668	40 756	41 750	40 580	39 478	41 922		

ALDEHYDES, KETONES AND DERIVATIVES		2001		24 869	29 340												
	t	2000	321 917	25 901	24 513	23 472	23 153	25 071	26 698	30 936	32 757	22 492	30 319	32 053	24 552		
		1999	275 050	24 063	23 728	21 754	21 424	24 127	23 605	23 795	23 603	16 970	25 659	24 322	22 000		

INDUSTRIAL CHEMICALS (CONTINUED)

MANUFACTURES		UNIT	YEAR	TOTAL	JAN.	FEB.	MAR.	APR.	MAY.	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.
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11.2 BASIC INDUSTRIAL CHEMICALS (CONCLUDED)

INORGANIC COMPOUNDS

ACIDS		2001		323 393	345 116												
	t	2000	3769 642	305 891	267 325	225 523	248 161	287 983	379 709	321 946	382 590	343 560	340 599	349 826	316 529		
		1999	3700 456	189 570	307 019	316 850	332 865	289 459	300 052	368 564	314 171	324 969	327 282	331 095	298 560		

SODIUM HYPOCHLORITE		2001		3 159	3 470												
	t	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		
		1999	37 918	2 678	3 491	3 661	3 052	3 373	3 527	2 874	3 247	3 213	2 948	2 984	2 870		

PLASTIC, PRIMARY FORMS

CONDENSATION, POLYCONDENSATION AND POLYADDITION PRODUCTS

THERMOSETTING POLYESTER RESINS		2001		896	1 522												
	t	2000	20 941	1 600	1 650	1 726	2 051	1 769	1 600	1 824	2 066	1 440	1 969	1 961	1 285		

1999	19 540	898	1 721	1 651	1 707	1 280	1 331	1 699	1 759	1 854	2 299	2 039	1 302
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POLYMERISATION AND COPOLY-  
MERISATION PRODUCTS

t	2001	65 551	69 606												
	2000	779 001	70 898	76 571	65 320	62 104	66 594	69 580	63 764	72 393	46 703	61 971	67 548	55 555	
	1999	743 052	56 334	65 161	57 125	63 588	62 244	68 923	66 919	62 247	51 681	65 115	69 067	54 648	

INDUSTRIAL CHEMICALS (CONTINUED)  
MANUFACTURES

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

NITROGENOUS FERTILIZERS

1 000 t	2001		47	28										
	2000	689	113	88	81	41	51	41	62	67	40	39	34	32
	1999	1 026	81	90	90	87	98	72	83	80	95	80	95	75

PHOSPHATIC FERTILIZERS

1 000 t	2001		15	46										
	2000	380	45	36	23	32	14	36	28	27	33	49	24	33
	1999	663	50	52	59	84	54	55	59	46	52	60	48	44

OTHER FERTILIZERS

1 000 t	2001		64	50										
	2000	903	57	47	58	53	46	82	59	69	84	131	134	83
	1999	1 044	98	72	45	50	69	59	78	88	96	113	148	128

11.4.1 INSECTICIDES, ETC. - LIQUIDS

INSECTICIDES (CROP PROTECTION ONLY)

ORGANO PHOSPHATES

k1	2001		135	82										
	2000	1 719	66	138	66	68	91	92	117	271	213	153	126	318
	1999	1 944	108	119	56	70	240	130	150	104	354	436	136	41

OTHER

k1	2001		204	124										
	2000	2 661	136	112	161	85	112	152	139	392	333	297	266	476
	1999	2 325	248	214	241	196	189	218	121	120	162	350	152	114

11.4.2 INSECTICIDES, ETC. - SOLIDS

INSECTICIDES		2000		5	64	42	70	81	25	195	331	302	344		
	t	1999	3 009	114	238	317	195	48	57	199	366	534	330	503	108
		1998	3 417	583	238	239	213	159	195	277	201	360	710	85	157
HERBICIDES		2000		3 288	2 232	1 750	1 300	2 853	3 844	3 911	2 681	1 863	2 593		
	k1	1999	39 057	3 302	2 868	4 351	2 735	2 518	3 281	3 563	2 839	3 782	3 956	2 637	3 225
		1998	31 406	1 016	1 245	1 565	1 539	2 738	2 712	3 349	3 034	4 498	4 313	2 981	2 419

OTHER CHEMICAL PRODUCTS (CONTINUED)  
MANUFACTURES

UNIT	YEAR	TOTAL	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.
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12.1 PAINTS, VARNISHES AND LACQUERS

PAINTS, VARNISHES, LACQUERS AND THE LIKE

BRUSHING ENAMELS		2001		2 765	2 806										
	k1	2000	35 669	2 087	2 606	2 760	3 107	2 596	3 423	3 024	2 992	3 518	3 631	3 472	2 453
		1999	31 522	2 140	2 584	2 558	2 502	2 372	2 348	2 647	2 666	2 962	2 996	3 238	2 509
POLYVINYL ACETATE AND EMULSION		2001		5 142	5 080										
	k1	2000	66 060	4 610	5 412	5 593	5 003	4 711	6 018	5 415	5 108	6 105	6 302	6 853	4 930
		1999	64 694	4 178	5 410	5 260	4 346	4 373	4 315	5 011	6 125	6 454	6 105	7 163	5 954
ROOF, STRUCTURAL AND STOEP		2001		637	579										
	k1	2000	6 384	408	574	558	516	554	555	555	533	563	560	566	442
		1999	6 546	498	516	560	390	678	521	550	573	609	625	622	404
ALUMINIUM AND HEAT RESISTING		2001		168	169										
	k1	2000	2 015	113	126	133	156	176	208	196	190	195	190	192	140
		1999	1 683	129	133	133	115	167	131	143	150	159	161	149	113



UNDERCOATS AND DOMESTIC PRIMERS		2001		557	473										
	k1	2000	7 297	600	661	692	699	772	558	614	598	581	535	576	411
		1999	7 133	517	601	597	588	516	545	520	600	692	717	787	452

OTHER CHEMICAL PRODUCTS (CONTINUED) MANUFACTURES	UNIT	YEAR	TOTAL	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.
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**12.1 PAINTS, VARNISHES AND LACQUERS (CONCLUDED)**

BITUMINOUS PAINTS		2001		54	69										
	k1	2000	867	54	75	42	56	70	96	81	83	85	81	93	51
		1999	540	44	39	57	46	50	31	47	33	40	72	57	24

POLYURETHANE		2000	5 293	263	433	421	397	422	523	464	411	452	513	565	429
	k1	1999	4 784	255	490	595	383	359	330	418	354	447	443	431	279
		1998	5 733	271	457	541	506	622	465	440	268	580	751	525	307

STOVING		2001		595											
	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		2000	4 600	257	344	406	381	356	428	364	345	534	478	407	300
	k1	1999	3 901	341	309	195	316	333	255	313	330	404	426	411	268
		1998	3 521	205	342	248	265	385	255	306	280	275	417	382	161

PRIMERS, INDUSTRIAL		2001		436	618										
	k1	2000	6 928	488	747	751	740	468	547	503	593	547	555	635	354
		1999	8 297	453	787	687	750	688	694	833	733	828	713	698	433

VARNISHES (DOMESTIC, INSULATING AND INDUSTRIAL)		2001		695	843										
	k1	2000	12 753	808	1 159	1 146	894	940	1 018	923	946	1 065	1 100	1 941	813
		1999	9 768	695	800	654	818	683	707	755	754	937	934	1 210	821

WOOD FINISHES NOT CONTAINING INSECTICIDAL AND FUNGICIDAL PROPERTIES		2001		159	266										
	k1	2000	3 934	102	280	408	329	369	407	344	344	369	345	391	246
		1999	7 521	415	678	539	483	604	514	583	740	696	809	655	805

GENERAL AND INDUSTRIAL LACQUERS		2000	7 541	730	718	688	600	642	597	567	619	518	664	731	467
	k1	1999	9 680	436	1 040	887	974	863	868	1 000	926	890	1 168	369	259
		1998	12 129	756	1 542	1 107	856	1 017	1 025	835	808	1 093	1 359	1 066	676

THINNERS AND SOLVENTS

		2001		2 552	3 328										
	k1	2000	40 511	2 336	3 039	3 488	3 073	2 841	3 037	3 125	3 356	3 530	4 271	3 577	4 838
		1999	48 386	3 287	4 516	4 024	3 504	4 214	3 744	4 120	3 821	4 731	4 855	3 904	3 666

OTHER CHEMICAL PRODUCTS (CONTINUED)  
MANUFACTURES

UNIT	YEAR	TOTAL	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.
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12.2 MEDICINAL AND PHARMACEUTICAL PREPARATIONS

TABLETS, PILLS AND CAPSULES

ASPIRIN AND OTHER ANALGESICS  
(E.G. PARACETAMOL AND  
ASPIRIN COMPOUNDS)

1 000 000	1999	1 338	50	91	133	96	149	154	138	137	125	91	85	89
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VITAMINS AND MULTIVITAMINS

1 000 000	2001		20	36										
	2000	377	23	30	38	31	36	28	28	37	36	30	38	22
	1999	448	37	38	36	23	59	47	36	42	37	41	31	21

TRANQUILLISERS

1 000 000	2001		7	27										
	2000	245	9	29	35	17	19	35	21	18	13	14	26	9
	1999	250	7	19	23	20	18	34	21	23	22	26	21	17

OTHER

1 000 000	2001		43	58										
	2000	1 037	64	105	95	130	74	78	76	109	89	78	98	41
	1999	1 102	60	105	103	78	85	78	86	107	91	118	115	76

LIQUID AND EMULSION PREPARATIONS  
IN PREPARED FORM

ANTITUSSIVES AND EXPECTORANTS

k1	2001		80	157										
	2000	2 152	67	159	248	216	266	292	199	171	155	174	130	75

		1999	1 996	103	168	192	222	267	275	214	156	146	134	83	36	
ANTACID PREPARATIONS		2001		65	133											
k1	2000	1 235	50	147	116	109	88	103	120	102	77	121	141	61		
	1999	1 581	103	91	122	158	130	163	167	136	133	170	105	108		
OTHER GASTRO-INTESTINAL MEDICINE (EG. DIGESTANTS, ANOREXIGENICS, LAXATIVES)		2001		69	207											
k1	2000	2 186	121	153	282	133	229	145	172	204	130	294	225	98		
	1999	2 321	75	180	142	163	136	116	255	261	314	286	270	123		
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		2001		5 666	8 603											
kg	2000	85 986	4 251	7 278	8 132	4 281	5 106	7 861	7 084	9 014	5 490	13 141	8 019	6 329		
	1999	88 979	6 044	8 228	8 696	6 988	8 040	5 246	9 206	6 200	7 250	10 171	8 486	4 424		
ANTISEPTIC PREPARATIONS		2001		46	425											
t	2000	4 992	154	349	468	249	291	443	1 100	197	430	317	380	614		
	1999	4 276	112	366	390	249	377	693	353	349	485	272	344	286		
DROPS AND SPRAYS (EYE, EAR, NOSE AND THROAT)		2001		5	10											
k1	2000	114	3	7	9	7	7	10	15	9	11	14	15	7		
	1999	101	6	6	8	11	10	8	7	14	7	7	8	9		
PREPARATIONS PUT UP FOR INJECTIONS - CONTAINING ANTIBIOTICS		2001		10	9											
k1	2000	439	9	21	64	38	6	35	66	74	54	9	35	28		
	1999	303	9	76	25	23	48	57	29	23	11	12	12	7		
OTHER CHEMICAL PRODUCTS (CONTINUED) MANUFACTURES		UNIT	YEAR	TOTAL	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.

### 12.3 OTHER CLEANING COMPOUNDS AND CANDLES

#### SOAP

HOUSEHOLD (TABLETS) AND LAUNDRY BARS															
		2001		5 247	6 938										
t		2000	100 979	7 030	8 716	9 726	8 204	7 586	8 316	10 707	8 013	7 383	10 276	7 792	7 230
		1999	107 438	8 661	9 366	8 374	9 412	9 813	7 988	10 758	7 802	9 425	10 135	9 314	6 390
TOILET															
		2001		3 167	4 403										
t		2000	57 640	3 730	4 409	4 846	4 579	4 950	4 867	5 959	5 280	4 971	5 072	5 440	3 537
		1999	59 099	3 522	3 774	3 924	4 351	3 883	5 443	5 512	4 359	4 925	8 913	5 027	5 466
DETERGENTS FOR WASHING PURPOSES															
SOAP POWDER															
	t	2001		17 813	17 508										
		2000	194 688	19 299	12 601	14 788	13 977	16 205	12 237	23 081	13 930	17 168	22 842	17 484	11 076
		1999	184 809	14 767	11 467	13 135	16 798	14 938	14 618	14 353	13 695	16 076	24 422	18 806	11 734
LIQUID															
		2001		11 114	11 144										
	kl	2000	132 445	12 167	12 094	11 777	7 182	10 368	11 817	11 383	12 766	11 531	12 241	11 819	7 300
		1999	138 790	11 580	11 965	9 477	12 763	11 827	12 427	12 392	7 126	8 642	13 791	15 880	10 920
ABRASIVES AND SCOURING POWDERS, PASTES AND THE LIKE															
		2001		1 329	1 360										
	t	2000	16 457	1 102	1 276	1 406	1 183	1 613	1 308	1 254	1 776	1 513	1 840	1 637	549
		1999	15 182	1 468	1 390	1 740	1 392	1 426	1 206	1 279	922	1 019	1 294	1 461	585
CANDLES (HOUSEHOLD AND OTHER)															
		2001		2 190	2 167										
	t	2000	19 124	1 460	1 689	1 671	1 570	1 843	1 741	1 681	1 606	1 551	1 593	1 428	1 291
		1999	19 334	1 170	1 700	1 780	1 801	1 859	1 796	1 580	1 592	1 587	1 543	1 498	1 428
GLYCERINE (CALCULATED AT 80 PER CENT OR MORE GLYCEROL)															
		2001		953	1 329										
	t	2000	16 447	1 381	1 277	1 464	1 365	1 525	1 379	1 354	1 522	1 555	1 501	1 402	722
		1999	20 906	1 474	1 718	1 581	1 574	1 930	1 737	2 094	1 957	2 072	2 139	1 688	942

OTHER CHEMICAL PRODUCTS(CONTINUED)  
MANUFACTURES

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

12.4 PERFUMES, COSMETICS AND OTHER TOILET PREPARATIONS

TOOTHPASTES AND DENTIFRICES

	2001		1 197	1 668											
t	2000	17 970	731	1 567	1 742	1 262	1 987	1 581	1 653	1 561	1 684	1 733	1 656	813	
	1999	17 695	1 261	1 155	1 489	1 648	1 800	1 569	1 386	1 190	1 508	2 016	1 653	1 020	

LOTIONS - BODY, HAND AND FACE

	2001		553	673											
k1	2000	13 984	914	1 100	1 007	1 035	1 408	1 405	1 484	1 217	1 443	954	1 404	613	
	1999	12 687	725	896	1 027	1 317	1 101	1 041	1 328	1 208	1 144	1 254	1 049	597	

HAIR PREPARATIONS

HAIR CREAMS

	2001		68	113											
t	2000	1 620	84	151	135	83	102	117	134	140	170	199	188	117	
	1999	1 064	80	149	80	87	68	104	71	94	83	86	94	68	

COLOUR RINSES AND DYES

	2001		22	39											
t	2000	524	36	55	42	31	66	42	39	54	49	62	37	11	
	1999	441	24	58	51	23	48	24	25	21	35	58	60	14	

SHAMPOOS (LIQUID)

	2000	6 536	308	567	645	406	480	594	679	820	442	744	598	252
k1	1999	5 589	398	378	567	449	619	625	400	428	513	526	499	187
	1998	5 251	266	438	511	385	495	462	608	297	464	462	547	316

	2001		179	330											
t	2000	2 681	208	347	257	97	237	217	197	222	249	180	269	201	
	1999	2 967	209	313	310	272	301	231	324	257	255	256	177	62	

CONDITIONERS, SETTING LOTIONS  
AND PREPARATIONS

	2001		484	683											
k1	2000	7 686	606	646	710	611	694	589	627	708	716	815	610	354	
	1999	9 699	702	808	856	862	860	759	961	852	819	998	845	377	

FACE, LIP AND EYE COSMETICS

CREAMS

	2000	2 925	218	249	211	222	251	301	259	235	297	291	224	167
t	1999	3 288	166	137	266	253	323	403	232	365	313	422	287	121

		1998	2 859	188	223	324	139	322	257	183	233	241	228	409	112
OTHER CHEMICAL PRODUCTS(CONTINUED)	UNIT	YEAR	TOTAL	JAN.	FEB.	MAR.	APR.	MAY.	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.

#### 12.4 PERFUMES, COSMETICS AND OTHER TOILET PREPARATIONS (CONCLUDED)

##### FACE, LIP AND EYE COSMETICS (CONCLUDED)

LIPSTICKS		2001		1 110	1 551										
	kg	2000	19 453	1 480	1 756	1 453	1 833	1 337	2 698	1 791	1 754	1 659	1 174	1 532	986
		1999	17 202	1 767	1 617	1 720	1 949	1 455	1 376	1 197	1 870	1 221	1 084	1 281	665

EYESHADOW		2001		268	737										
	kg	2000	9 880	740	742	923	621	905	690	707	933	999	1 458	662	500
		1999	9 631	581	666	861	528	532	408	1 321	1 214	1 075	648	1 005	792

OTHER (MASCARA ETC.)		2001		9 482	8 465										
	kg	2000	122 292	6 719	11 593	12 319	5 727	8 171	5 422	15 239	8 294	14 681	12 727	11 607	9 793
		1999	114 421	6 962	12 249	10 152	9 735	5 100	10 260	10 503	11 861	12 300	11 509	8 412	5 368

##### BODY (GENERAL)

TALCUM POWDER		2001		35	105										
	t	2000	1 166	99	66	104	84	103	115	115	102	86	87	100	105
		1999	1 026	81	105	81	111	94	166	68	70	60	68	100	22

DEODORANTS		2001		289	686										
	t	2000	5 185	315	385	375	345	394	345	380	402	372	1 025	408	439
		1999	4 396	319	359	340	363	338	408	459	193	282	559	539	237

BATH OIL AND BATH ADDITIVES		2001		130	173										
	kl	2000	2 780	203	280	341	160	211	252	220	163	266	229	309	146
		1999	2 804	114	190	239	304	282	230	203	240	168	327	309	198

#### 12.5 OTHER CHEMICAL PRODUCTS NOT ELSEWHERE CLASSIFIED

## POLISHES

## FLOOR AND STOEP

		2001		1 115	1 823										
t		2000	23 155	1 148	1 664	2 904	1 996	2 354	2 137	1 586	2 074	3 813	1 077	1 739	663
		1999	26 353	1 867	1 835	2 597	1 696	2 993	2 769	2 191	1 456	2 511	1 987	2 433	2 018

## ADHESIVES

## NATURAL 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

## OTHER

		2001		6 926	7 138										
t		2000	91 832	6 120	6 991	8 560	7 953	6 972	6 443	8 738	8 463	7 870	10 256	7 850	5 616
		1999	77 148	3 317	4 791	5 453	5 445	4 863	5 847	6 288	6 321	7 854	8 576	10 719	7 674

STOPPERS, FILLERS, SEALERS,  
GROUTERS AND MASTICS

t		2000	135 863	10 412	10 683	10 467	11 351	11 058	12 916	11 492	12 138	11 967	14 066	12 194	
		1999	136 924	5 234	9 559	8 962	10 879	12 946	11 507	10 858	12 240	13 144	14 271	15 286	12 038

PETROLEUM PRODUCTS  
MANUFACTURES

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

## MOTOR SPIRIT

## 97 OCTANE

		2001		322	271										
1 000	k1	2000	3 744	363	341	257	285	338	307	280	311	321	316	314	311
		1999	4 088	339	312	381	306	401	321	345	338	320	341	317	367

## 87,90,91,93,95 OCTANE

		2001		561	517										
1 000	k1	2000	6 269	518	474	477	536	500	582	585	563	480	536	489	529
		1999	6 160	568	537	467	562	483	504	504	528	483	496	557	471

## AVIATION SPIRIT

JET AND TURBO FUEL																
1 000	k1	2001		260	238											
		2000	2 586	254	229	186	237	194	194	216	176	242	199	227	232	
		1999	2 561	213	205	194	234	200	234	198	228	202	201	202	250	
KEROSENE (POWER PARAFFIN AND ILLUMINATING PARAFFIN)																
1 000	k1	2001		52 045	66 941											
		2000	1 017 245	89 126	105 674	85 191	81 008	71 611	104 996	87 375	115 579	50 970	89 887	67 101	68 727	
		1999	1 149 992	83 832	83 371	96 423	71 655	109 358	96 799	119 924	103 618	103 121	97 491	93 344	91 056	
FUEL OIL																
DIESEL FUEL LIGHT (AUTOMOTIVE)																
1 000	k1	2001		621	579											
		2000	7 228	649	530	511	546	583	584	548	637	628	662	688	662	
		1999	7 178	543	560	588	680	535	598	583	598	590	619	696	588	
LUBRICATING AND PROCESS OILS																
AUTOMOTIVE REFINED																
	k1	2001		23 659	25 533											
		2000	277 039	14 919	17 860	20 866	20 786	14 416	18 192	29 883	26 241	28 359	31 528	27 172	26 817	
		1999	252 653	16 743	17 125	28 830	25 767	26 386	25 025	23 629	27 273	22 104	19 345	9 358	11 068	
OTHER (EG. MINING AND INDUSTRIAL)																
	k1	2001		11 756	10 058											
		2000	126 913	10 555	8 379	10 556	9 861	10 631	11 855	12 374	10 094	11 001	11 787	11 739	8 081	
		1999	126 289	12 146	11 082	11 223	10 283	8 612	10 281	11 336	10 143	9 744	11 846	12 391	7 202	
LUBRICATING GREASE																
	t	2000		755	1 170	1 019	831									
		1999	11 434	722	1 039	947	896	824	843	983	1 149	1 100	1 167	1 167	597	
		1998	11 576	717	877	741	1 014	999	907	1 100	863	1 287	1 170	1 050	851	
MISCELLANEOUS REFINERY PRODUCTS (EG. BITUMEN)																
	k1	2001		21 707	18 542											
		2000	236 685	12 064	7 290	19 650	14 672	10 700	24 752	31 711	15 865	28 171	18 782	29 157	23 871	
		1999	232 679	6 651	30 826	24 276	14 743	20 816	14 806	12 123	22 545	16 044	19 901	33 294	16 654	
PETROLEUM PRODUCTS (CONCLUDED) MANUFACTURES																
	UNIT	YEAR	TOTAL	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	

### 13.2 MISCELLANEOUS PRODUCTS OF PETROLEUM AND COAL



FUEL GAS

LIQUID PETROLEUM GAS

	2001	39 443	38 307												
t	2000	522 813	38 911	40 748	41 364	44 647	38 796	47 941	46 943	51 866	43 377	40 460	44 338	43 422	
	1999	485 366	31 560	25 664	31 225	36 395	38 059	42 742	47 920	50 594	48 254	42 808	47 415	42 730	

RUBBER PRODUCTS  
MANUFACTURES

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

MOTOR CAR TYRES - RADIAL PLY

	2001		509	686										
1 000	2000	8 641	463	779	814	682	805	808	782	819	782	831	796	280
	1999	7 601	441	593	569	589	715	659	702	765	690	759	772	347

LIGHT TRUCK TYRES

	2001		158	215										
1 000	2000	2 325	132	172	189	151	209	210	215	225	248	242	239	93
	1999	2 074	123	187	183	140	168	196	180	183	190	218	225	81

BUSES, GIANT TRUCKS AND INDUSTRIAL TYRES

	2001		43	58										
1 000	2000	683	41	64	63	47	61	67	59	64	64	65	63	25
	1999	643	32	48	47	51	59	59	66	65	56	66	65	29

EARTH MOVER AND GRADER TYRES

No.	2001		1 569	1 876										
	2000	24 842	1 093	2 009	1 757	1 571	2 433	2 286	2 214	2 242	2 702	2 991	2 543	1 001
	1999	21 104	1 300	1 844	2 144	1 223	1 834	1 469	2 522	1 985	1 916	1 788	2 054	1 025

IMPLEMENT AND TRACTOR TYRES - FRONT

No.	2001		5 787	8 110										
	2000	119 704	6 109	11 176	12 835	12 661	11 368	11 601	10 889	7 142	9 420	12 048	10 346	4 109
	1999	122 568	8 644	10 084	9 063	9 886	9 725	9 889	8 527	11 584	10 962	11 003	15 316	7 885

TRACTOR TYRES - REAR

No.	2001		4 476	5 158										
	2000	68 796	3 573	6 819	6 691	5 912	6 342	6 074	5 123	6 272	5 870	6 927	6 775	2 418
	1999	62 918	3 884	5 787	5 964	4 682	4 868	4 474	5 331	6 083	6 365	6 783	7 096	2 601

INNER TUBES FOR MOTOR CARS,  
BUSES, TRUCKS AND TRACTORS

CAMELBACK (FOR RETREADING)		2000		832	1 570	1 432									
	t	1999	16 360	888	1 450	1 465	1 412	1 469	1 373	1 246	1 417	1 509	1 412	1 722	997
		1998	17 299	1 078	1 675	1 494	1 429	1 524	1 686	1 532	1 294	1 601	1 549	1 643	794

#### 14.2 RUBBER PRODUCTS NOT ELSEWHERE CLASSIFIED

VEE BELTS (EG. INDUSTRIAL AND FAN BELTS)		2001		148	243										
	1 000	2000	2 433	181	234	229	200	234	244	204	232	202	199	195	79
		1999	2 402	105	213	203	199	257	240	220	200	197	237	219	112

#### RUBBER HOSE

		2001		201	356										
	1 000 m	2000	3 637	247	224	376	274	271	395	366	347	307	335	364	131
		1999	3 935	229	300	235	313	385	392	436	254	350	364	378	299

#### PLASTIC PRODUCTS MANUFACTURES

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

#### BUILDING MATERIALS

#### FLOORING MATERIALS

#### QUANTITY

		2001		65	197										
	1 000 m2	2000	3 428	107	353	337	222	248	359	232	293	332	360	409	176
		1999	3 857	226	384	349	197	212	316	434	365	372	463	349	190

#### VALUE

		2001		1 246	3 962										
	R1 000	2000	63 992	2 334	4 796	4 377	3 543	3 828	5 592	4 862	6 543	7 457	7 700	9 032	3 928
		1999	67 581	3 915	6 609	6 218	3 450	3 887	5 685	8 121	6 527	6 384	8 063	5 791	2 931

#### GUTTERS AND DOWNPIPES

QUANTITY		1999		127	147	125									
	t	1998	1 714	96	181	227	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		1999		1 101	1 283	1 066									
	R1 000	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		2001		7 231	8 464										
	t	2000	107 057	6 495	9 801	9 532	7 190	9 694	9 417	9 315	9 402	9 249	9 754	9 748	7 460
		1999	119 323	7 401	10 642	10 311	9 376	10 896	10 234	11 254	9 962	9 806	9 963	11 279	8 199

VALUE		2001		69 538	75 530										
	R1 000	2000	996 711	57 659	89 171	87 814	68 402	87 832	85 880	88 521	88 196	87 624	91 630	93 214	70 768
		1999	919 889	53 860	75 885	79 035	69 285	80 482	77 782	86 877	75 614	77 404	75 930	96 351	71 384

CLOSURES - TOPS, CAPS AND DISCS		1999		8 945	10 251	11 306									
	R1 000	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

OTHER CONTAINERS - CAPACITY 2 LITRES AND LESS

MILK AND BEVERAGES

QUANTITY		2000		1704	1 626	2 376	1 320	1 744	1 451	1 362					
	t	1999	22 997	2 365	1 494	1 790	1 718	1 621	2 672	1 630	1 889	1 855	1 974	2 098	1 891
		1998	33 894	3 449	2 742	3 230	3 090	2 736	2 891	2 400	2 309	2 872	3 390	3 022	2 889

VALUE		2000		12 929	12 846	17 845	11 099	14 974	12 434	12 340					
	R1 000	1999	176 220	18 471	13 122	14 392	14 081	13 062	19 313	11 062	13 352	13 713	15 482	16 403	13 767
		1998	206 090	15 660	15 660	18 219	17 518	16 385	17 658	16 378	16 860	16 350	20 275	16 022	16 699

PLASTIC PRODUCTS (CONTINUED) MANUFACTURES	UNIT	YEAR	TOTAL	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.
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15.1 PLASTIC PRODUCTS (CONTINUED)

OTHER CONTAINERS - CAPACITY 2 LITRES AND LESS (CONTINUED)

HOUSEHOLD LIQUIDS

QUANTITY

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	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

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	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

t	2000		228	314	305	290	361	198	287	239				
	1999	3 058	171	168	170	167	225	214	275	304	261	372	481	250
	1998	4 024	283	365	329	300	331	495	359	240	329	390	331	272

VALUE

R1 000	2000		3 553	4 790	4 620	4 520	5 445	4 204	3 771	4 204				
	1999	48 782	2 996	3 229	3 570	3 311	3 326	3 676	4 503	4 158	4 230	5 246	6 734	3 803
	1998	58 813	4 184	4 867	4 878	4 419	4 864	6 218	4 895	3 942	5 161	5 920	5 129	4 336

CAPACITY 11 - 100 LITRES

QUANTITY		2001		876	1 191											
	t	2000	11 873	852	1 097	1 114	801	954	1 035	1 244	1 049	1 006	953	1 166	602	
		1999	11 301	792	831	743	826	736	1 101	905	1 148	889	1 267	1 122	941	

VALUE		2001		6 735	8 538											
	R1 000	2000	82 032	6 273	6 574	6 525	4 366	7 798	5 763	7 383	6 973	8 246	8 667	8 882	4 582	
		1999	78 154	5 957	5 291	4 024	5 497	5 765	7 392	6 060	8 844	5 609	9 541	8 164	6 010	

FOAM SLABS IN BLOCKS OR SHEETS (EXCLUDING MATTRESSES)	R1 000	2001		21 053	37 538											
		2000	292 766	17 389	21 531	24 227	16 937	22 160	28 058	28 980	25 037	26 236	27 083	33 249	21 879	
		1999	272 880	19 446	23 855	25 946	27 589	20 113	21 243	21 252	20 636	24 255	24 782	25 586	18 177	

PLASTIC PRODUCTS (CONTINUED) MANUFACTURES	UNIT	YEAR	TOTAL	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.
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#### 15.1 PLASTIC PRODUCTS (CONTINUED)

MATTRESSES (FOAM PLASTIC AND SPONGE RUBBER)

VALUE		1998		1 080	1 517											
	R1 000	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		2001		2 794	3 564											
	1 000 m2	2000	44 648	2 171	3 737	4 241	3 095	4 122	3 977	4 252	3 936	3 779	4 313	4 856	2 168	
		1999	42 132	2 432	3 598	3 450	3 450	3 602	2 865	3 455	3 895	4 255	4 410	4 042	2 678	

VALUE		2001		18 896	31 096											
	R1 000	2000	337 255	17 274	29 786	30 196	21 504	31 708	30 847	32 985	35 026	26 075	31 094	35 717	15 043	
		1999	305 147	16 869	29 422	25 290	20 308	25 724	22 556	26 219	25 641	28 619	32 242	32 314	19 943	

HOSES, PIPES AND TUBES

GARDEN, IRRIGATION, PRESSURE, CIVIL ENGINEERING,

SEWERAGE AND DRAIN PIPES

QUANTITY

VALUE	UNIT	YEAR	TOTAL	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.
	t	1999	59 814	3 528	5 764	5 801	3 231	4 222	4 882	5 386	5 222	5 397	5 837	5 606	4 938
	R1 000	1999	383 932	22 309	32 471	35 956	21 846	26 621	31 488	37 350	35 747	36 822	32 483	38 439	32 401

PLASTIC PRODUCTS (CONCLUDED)  
MANUFACTURES

UNIT	YEAR	TOTAL	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.
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15.1 PLASTIC PRODUCTS (CONCLUDED)

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.)

QUANTITY	UNIT	YEAR	TOTAL	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.
	t	2001		5 530	8 355										
		2000	75 819	4 878	6 058	6 659	5 173	6 955	6 619	6 617	7 030	6 178	7 054	7 712	4 886
		1999	78 797	5 430	6 317	4 977	5 952	5 687	5 250	7 752	6 987	6 268	9 246	8 101	6 830
VALUE	R1 000	2001		57 620	71 469										
		2000	713 612	58 235	61 196	56 153	47 507	59 287	55 688	59 334	61 768	53 968	70 544	82 244	47 688
		1999	692 183	49 502	49 368	43 464	50 971	47 249	50 279	56 726	60 718	60 182	75 326	71 251	77 147

PIPE FITTINGS (EXCLUDING ELECTRICAL)

QUANTITY		1997		411	561	586	458	667	629						
	t	1996	7 112	256	516	542	544	631	639	786	623	851	713	642	369
		1995	5 588	410	469	483	313	538	433	582	515	442	642	446	315

VALUE		1997		4 923	6 985	7 109	6 922	7 419	7 585						
	R1 000	1996	89 113	3 143	7 480	6 954	6 000	8 391	7 501	10 332	7 892	9 590	8 970	8 117	4 743
		1995	72 331	4 680	6 213	7 131	5 117	7 868	6 662	7 682	7 417	4 264	5 962	6 050	3 285

NON-METALLIC MINERAL PRODUCTS  
MANUFACTURES

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

TILES

FLOORING, CLAY		2001		724	858										
	1 000 m2	2000	9 657	841	803	898	852	849	825	727	829	836	906	858	433
		1999	12 206	943	1 026	933	1 081	1 053	971	1 105	1 102	1 140	1 066	1 102	684

WALL (GLAZED AND UNGLAZED)		2001		838	860										
	1 000 m2	2000	9 869	419	870	930	723	878	887	1 128	916	865	939	869	445
		1999	6 646	476	484	475	409	452	535	543	609	626	713	812	512

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

BRICKS, BUILDING

STOCKS		2001		85	86										
	1 000 000	2000	978	62	69	72	73	92	94	98	97	88	84	89	60
		1999	844	46	79	77	68	75	69	80	68	75	75	74	58

CEMENT		2001		51	52										
	1 000 000	2000	571	43	45	47	39	46	43	55	46	52	56	57	42
		1999	552	37	37	38	38	42	36	52	43	74	75	49	31

OTHER (FACING, CLINKER, HEAT-INSULATING, ETC.)	1 000 000	2001		47	50											
		2000	585	43	51	50	48	51	50	51	49	50	51	50	41	
		1999	528	41	39	49	44	48	41	42	42	45	52	43	42	

REFRACTORY PRODUCTS

FIRECLAY SHAPES	1 000 t	2001		5	5											
		2000	60	5	5	5	5	5	5	5	6	4	4	6	5	
		1999	71	6	6	6	6	7	7	6	6	5	5	6	5	

OTHER SHAPES (MORTARS, CEMENT, SILICA, GANISTER, ETC.)	1 000 t	2000		53	51	60	59	51	51	56	57	56	49			
		1999	674	54	55	57	60	66	52	57	60	53	56	57	47	
		1998	715	46	57	58	61	65	68	68	64	52	64	56	56	

NON-METALLIC MINERAL PRODUCTS (CONTINUED)  
MANUFACTURES

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

16.2 CEMENT

CEMENT (PORTLAND)	1 000 t	2001		505	681											
		2000	8 574	726	633	757	603	692	722	693	758	762	791	772	665	
		1999	8 211	481	554	643	648	657	704	696	723	776	865	794	670	

READY-MIXED CONCRETE	1 000 t	2001		175	208											
		2000	2 778	158	162	297	226	231	250	241	258	251	263	317	124	
		1999	3 142	189	232	304	263	257	272	296	275	284	273	302	195	

16.3 PLASTER AND OTHER COMPOSITE SHEETS, ETC.

COMPOSITE SHEETS (MADE OF ASBESTOS-CEMENT AND OTHER MATERIAL)	1 000 m2	2001		1 604	2 789											
		2000	38 728	2 262	3 133	3 316	2 824	3 730	3 920	3 248	3 628	3 353	3 510	3 038	2 766	
		1999	32 494	2 353	2 872	2 925	2 005	2 580	2 865	2 742	2 631	3 558	3 193	2 409	2 361	



#### 16.4 CEMENT PRODUCTS

##### TILES

CEMENT, ROOFING	1 000 m2	1998		633	1 391	951	934	940	969	1 179	1 050	1 089	1 222		
		1997	12 724	682	1 210	1 019	1 209	1 051	1 124	1 147	1 137	1 121	1 128	1 231	665
CEMENT PAVING BLOCKS (INTERLOCKING, ETC.)	1 000 m2	2001		297	388										
		2000	4 438	284	361	421	314	344	409	368	382	378	507	367	303
		1999	3 854	336	339	312	336	290	256	407	415	285	345	286	247

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