Table 3-13

Gross domestic product at basic prices, by industry, monthly, quarterly and annual — Chemical manufacturing

	Seasonally adjusted at annual rates					
	January	February	March	April	May	June
	millions of chained (2002) dollars					
All industries - [T001]						
2003	1,082,478	1,085,876	1,085,221	1,081,999	1,085,416	1,088,770
2004	1,108,553	1,107,497	1,117,035	1,119,574	1,120,374	1,125,574
2005	1,144,694	1,145,638	1,142,028	1,149,404	1,152,404	1,156,356
2006	1,184,324	1,185,911	1,189,913	1,190,083	1,190,980	1,189,302
2007	1,204,646	1,211,175	1,215,013	1,216,406	1,222,508	1,225,756
2008	1,234,608	1,230,662	1,230,284	1,234,702	1,234,046	1,234,266
2009	1,200,967	1,198,946	1,193,367	1,188,049	1,183,642	1,184,560
Chemical manufacturing - *[325]*						
2003	15,919	16,154	15,841	16,115	16,088	16,007
2004	15,229	15,087	15,264	15,361	14,904	15,899
2005	15,295	15,186	15,263	15,316	14,881	14,765
2006	15,356	15,006	15,353	15,144	15,348	14,977
2007	15,338	15,736	15,549	15,548	15,391	15,646
2008	15,149	14,995	14,749	15,152	15,089	15,127
2009	14,235	13,732	13,770	13,386	13,494	13,982
Basic chemical manufacturing - *[3251]*						
2003	3,623	3,592	3,372	3,497	3,580	3,554
2004	3,402	3,308	3,323	3,275	3,161	3,173
2005	3,085	3,294	3,287	3,354	3,436	3,331
2006	3,626	3,555	3,556	3,468	3,465	3,373
2007	3,252	3,383	3,351	3,429	3,309	3,224
2008	3,238	3,249	3,114	3,373	3,252	3,255
2009	2,598	2,505	2,507	2,491	2,476	2,500
Petrochemical manufacturing - *[32511]*						
2003	1,034	968	858	935	1,006	953
2004	968	949	940	903	860	844
2005	845	758	763	781	854	795
2006	871	941	977	978	993	940
2007	898	811	885	895	840	869
2008	860	827	794	770	792	769
2009	539	471	514	516	520	502
Other basic chemical manufacturing - [3251X]						
2003	2,590	2,616	2,498	2,550	2,570	2,589
2004	2,432	2,359	2,379	2,366	2,295	2,318
2005	2,237	2,506	2,493	2,540	2,559	2,506
2006	2,731	2,602	2,573	2,489	2,474	2,431
2007	2,351	2,548	2,456	2,521	2,454	2,348
2008	2,369	2,407	2,306	2,574	2,439	2,461
2009	2,027	1,995	1,961	1,944	1,926	1,965
Resin, synthetic rubber, and artificial and synthetic fibres and filaments manufacturing - *[3252]*						
2003	2,916	2,824	2,919	2,615	2,556	2,428
2004	2,618	2,850	2,904	3,171	3,205	3,594
2005	3,511	3,488	3,576	3,339	3,374	3,259
2006	3,067	2,728	2,978	3,232	3,140	3,057
2007	3,511	3,236	3,270	3,263	3,222	3,329
2008	3,167	3,198	3,040	3,008	2,894	2,996
2009	2,294	2,036	2,253	1,989	1,994	1,939
Pesticide, fertilizer and other agricultural chemical manufacturing - *[3253]*						
2003	907	898	927	930	1,003	1,136
2004	1,115	1,078	1,131	1,162	1,002	1,186
2005	1,184	1,194	1,233	1,342	1,196	1,075
2006	1,244	1,297	1,235	1,204	1,204	1,119
2007	1,120	1,103	1,050	1,093	1,083	1,144
2008	1,078	1,080	1,091	1,065	1,021	1,074
2009	991	919	910	867	937	869

Table 3-13 – continued

Gross domestic product at basic prices, by industry, monthly, quarterly and annual — Chemical manufacturing

	Seasonally adjusted at annual rates					
	January	February	March	April	May	June
	millions of chained (2002) dollars					
Pharmaceutical and medicine manufacturing - *[3254]*						
2003	4,273	4,543	4,364	4,776	4,735	4,682
2004	4,191	3,876	3,873	3,802	3,746	3,915
2005	3,838	3,760	3,761	3,910	3,561	3,743
2006	4,167	4,171	4,308	4,105	4,329	4,136
2007	4,208	4,500	4,491	4,434	4,394	4,568
2008	4,307	4,225	4,143	4,392	4,441	4,392
2009	4,828	4,774	4,780	4,730	4,756	5,151
Miscellaneous chemical product manufacturing - [325A]						
2003	4,239	4,302	4,274	4,263	4,190	4,179
2004	3,939	4,035	4,095	4,040	3,875	4,129
2005	3,833	3,650	3,628	3,551	3,549	3,529
2006	3,369	3,274	3,316	3,291	3,277	3,350
2007	3,400	3,511	3,398	3,371	3,406	3,394
2008	3,386	3,308	3,380	3,290	3,381	3,362
2009	3,090	2,988	2,882	2,805	2,829	2,884
Paint, coating and adhesive manufacturing - *[3255]*						
2003	1,257	1,310	1,276	1,243	1,187	1,198
2004	1,192	1,213	1,229	1,198	1,152	1,307
2005	1,253	1,109	1,152	1,165	1,131	1,101
2006	1,066	1,041	1,072	1,052	1,032	1,137
2007	988	1,033	983	993	1,022	1,014
2008	1,049	1,007	1,037	1,022	1,044	997
2009	942	904	861	801	848	892
Soap, cleaning compound and toilet preparation manufacturing - *[3256]*						
2003	1,134	1,182	1,202	1,219	1,261	1,283
2004	1,341	1,361	1,338	1,340	1,275	1,265
2005	966	890	900	864	872	865
2006	858	874	864	838	860	861
2007	850	895	860	877	895	880
2008	842	813	832	829	790	795
2009	781	768	757	755	765	758
Soap and cleaning compound manufacturing - *[32561]*						
2003	637	688	707	722	757	792
2004	882	899	888	899	857	848
2005	607	534	528	480	461	440
2006	430	441	446	419	441	445
2007	412	439	439	470	479	499
2008	480	471	465	452	436	428
2009	424	414	423	411	416	415
Toilet preparation manufacturing - *[32562]*						
2003	499	495	496	499	504	489
2004	450	451	438	425	400	399
2005	361	364	382	400	434	453
2006	458	462	444	448	445	442
2007	472	491	448	427	438	392
2008	372	349	380	394	369	385
2009	373	371	346	360	365	358
Other chemical product manufacturing - *[3259]*						
2003	1,865	1,823	1,805	1,807	1,741	1,696
2004	1,387	1,444	1,517	1,491	1,440	1,556
2005	1,627	1,677	1,593	1,537	1,565	1,584
2006	1,460	1,372	1,392	1,416	1,400	1,362
2007	1,585	1,604	1,577	1,521	1,509	1,519
2008	1,513	1,508	1,530	1,455	1,566	1,591
2009	1,385	1,333	1,280	1,266	1,231	1,248

Table 3-13 – continued

Gross domestic product at basic prices, by industry, monthly, quarterly and annual — Chemical manufacturing

	Seasonally adjusted at annual rates					
	July	August	September	October	November	December
	millions of chained (2002) dollars					
All industries - [T001]						
2003	1,094,457	1,083,925	1,097,124	1,101,700	1,102,618	1,106,952
2004	1,126,357	1,130,892	1,133,852	1,134,015	1,138,094	1,138,174
2005	1,159,405	1,164,594	1,165,729	1,167,763	1,175,112	1,181,027
2006	1,190,479	1,192,519	1,190,938	1,192,959	1,194,999	1,202,594
2007	1,224,991	1,228,677	1,228,786	1,230,767	1,234,638	1,228,997
2008	1,240,710	1,232,691	1,231,718	1,230,368	1,220,862	1,209,466
2009	1,184,254	1,182,910	..	..	..	..
Chemical manufacturing - *[325]*						
2003	15,551	14,987	15,325	15,171	15,497	15,229
2004	15,412	15,560	15,467	15,452	15,422	15,850
2005	15,028	15,099	15,033	14,972	14,845	15,098
2006	15,029	15,586	15,322	15,019	15,376	15,148
2007	15,348	14,941	15,155	15,372	15,368	15,577
2008	15,392	15,078	14,869	15,454	14,557	14,319
2009	13,791	13,826	..	..	..	..
Basic chemical manufacturing - *[3251]*						
2003	3,457	3,432	3,439	3,488	3,590	3,520
2004	3,107	3,146	3,024	2,996	2,923	3,141
2005	3,459	3,359	3,384	3,525	3,566	3,588
2006	3,486	3,461	3,473	3,418	3,227	3,376
2007	3,014	3,083	3,131	3,135	3,203	3,320
2008	3,173	3,122	2,936	2,892	2,748	2,499
2009	2,563	2,544	..	..	..	..
Petrochemical manufacturing - *[32511]*						
2003	897	909	933	928	987	980
2004	856	834	792	797	761	754
2005	741	772	695	808	832	824
2006	974	952	944	955	915	984
2007	821	846	835	812	843	857
2008	783	759	728	648	616	509
2009	528	512	..	..	..	..
Other basic chemical manufacturing - [3251X]						
2003	2,545	2,510	2,496	2,545	2,595	2,532
2004	2,244	2,301	2,219	2,188	2,148	2,363
2005	2,669	2,549	2,631	2,675	2,695	2,721
2006	2,510	2,505	2,524	2,462	2,313	2,398
2007	2,188	2,233	2,288	2,310	2,350	2,450
2008	2,372	2,343	2,191	2,216	2,106	1,957
2009	2,003	1,999	..	..	..	..
Resin, synthetic rubber, and artificial and synthetic fibres and filaments manufacturing - *[3252]*						
2003	2,388	2,165	2,414	2,564	2,593	2,638
2004	3,255	3,222	3,325	3,267	3,476	3,549
2005	3,336	3,322	3,213	3,225	3,140	3,140
2006	3,123	3,226	3,177	3,068	2,966	3,102
2007	3,234	3,068	3,223	3,179	3,252	3,327
2008	2,964	2,874	2,652	2,688	2,384	2,313
2009	1,867	1,845	..	..	..	..
Pesticide, fertilizer and other agricultural chemical manufacturing - *[3253]*						
2003	1,112	1,095	1,038	1,051	1,076	1,031
2004	1,095	1,116	1,232	1,182	1,156	1,094
2005	1,216	1,169	1,240	1,177	1,262	1,304
2006	1,128	1,223	1,059	1,127	1,142	1,130
2007	1,089	1,052	1,098	1,203	1,121	1,115
2008	1,103	1,154	1,212	1,117	1,081	1,089
2009	954	917	..	..	..	..

Table 3-13 – continued

Gross domestic product at basic prices, by industry, monthly, quarterly and annual — Chemical manufacturing

	Seasonally adjusted at annual rates					
	July	August	September	October	November	December
	millions of chained (2002) dollars					
Pharmaceutical and medicine manufacturing - *[3254]*						
2003	4,369	4,214	4,264	4,088	4,250	4,098
2004	3,847	3,978	4,002	4,039	3,993	4,305
2005	3,881	3,981	3,986	3,905	3,772	3,898
2006	4,118	4,448	4,283	4,209	4,616	4,278
2007	4,524	4,214	4,266	4,414	4,389	4,386
2008	4,646	4,495	4,673	5,141	4,711	4,810
2009	4,935	5,089	..	..	..	..
Miscellaneous chemical product manufacturing - [325A]						
2003	4,211	4,064	4,161	4,007	4,009	3,973
2004	4,166	4,152	3,959	4,023	3,952	3,851
2005	3,336	3,429	3,360	3,313	3,287	3,329
2006	3,275	3,284	3,380	3,248	3,314	3,296
2007	3,447	3,513	3,475	3,447	3,433	3,488
2008	3,375	3,322	3,175	3,254	3,271	3,180
2009	2,889	2,801	..	..	..	..
Paint, coating and adhesive manufacturing - *[3255]*						
2003	1,210	1,159	1,148	1,147	1,174	1,187
2004	1,399	1,322	1,265	1,310	1,299	1,234
2005	1,064	1,166	1,061	1,013	1,011	1,057
2006	1,049	1,040	1,073	1,034	1,060	1,039
2007	1,014	1,080	1,017	1,032	1,026	1,035
2008	1,032	1,014	967	1,016	997	987
2009	908	891	..	..	..	..
Soap, cleaning compound and toilet preparation manufacturing - *[3256]*						
2003	1,298	1,284	1,316	1,244	1,267	1,274
2004	1,217	1,214	1,139	1,105	1,054	1,004
2005	860	821	855	865	845	850
2006	876	888	923	847	883	856
2007	869	872	856	872	857	868
2008	773	790	780	779	791	786
2009	786	746	..	..	..	..
Soap and cleaning compound manufacturing - *[32561]*						
2003	792	792	820	763	791	811
2004	819	795	751	726	688	633
2005	444	425	434	429	415	419
2006	454	468	468	426	444	434
2007	472	477	478	488	491	497
2008	416	419	410	407	415	423
2009	420	413	..	..	..	..
Toilet preparation manufacturing - *[32562]*						
2003	504	489	492	478	469	454
2004	380	406	376	365	355	368
2005	442	421	449	468	463	463
2006	448	443	486	451	470	451
2007	416	412	391	398	375	382
2008	374	391	391	393	398	381
2009	385	345	..	..	..	..
Other chemical product manufacturing - *[3259]*						
2003	1,699	1,613	1,692	1,610	1,559	1,502
2004	1,553	1,620	1,558	1,617	1,610	1,626
2005	1,425	1,456	1,460	1,453	1,449	1,438
2006	1,363	1,370	1,398	1,381	1,386	1,416
2007	1,585	1,580	1,625	1,563	1,571	1,606
2008	1,591	1,537	1,446	1,477	1,501	1,423
2009	1,207	1,177	..	..	..	..

Table 3-13 – continued

Gross domestic product at basic prices, by industry, monthly, quarterly and annual — Chemical manufacturing

	Seasonally adjusted at annual rates				Annual
	First quarter	Second quarter	Third quarter	Fourth quarter	
	millions of chained (2002) dollars				
All industries - [T001]					
2003	1,084,525	1,085,395	1,091,835	1,103,757	1,091,378
2004	1,111,028	1,121,841	1,130,367	1,136,761	1,124,999
2005	1,144,120	1,152,721	1,163,243	1,174,634	1,158,680
2006	1,186,716	1,190,122	1,191,312	1,196,851	1,191,250
2007	1,210,278	1,221,557	1,227,485	1,231,467	1,222,697
2008	1,231,851	1,234,338	1,235,040	1,220,232	1,230,365
2009	1,197,760	1,185,417	..	..	..
Chemical manufacturing - *[325]*					
2003	15,971	16,070	15,288	15,299	15,657
2004	15,193	15,388	15,480	15,575	15,409
2005	15,248	14,987	15,053	14,972	15,065
2006	15,238	15,156	15,312	15,181	15,222
2007	15,541	15,528	15,148	15,439	15,414
2008	14,964	15,123	15,113	14,777	14,994
2009	13,912	13,621	..	..	..
Basic chemical manufacturing - *[3251]*					
2003	3,529	3,544	3,443	3,533	3,512
2004	3,344	3,203	3,092	3,020	3,165
2005	3,222	3,374	3,401	3,560	3,389
2006	3,579	3,435	3,473	3,340	3,457
2007	3,329	3,321	3,076	3,219	3,236
2008	3,200	3,293	3,077	2,713	3,071
2009	2,537	2,489	..	..	..
Petrochemical manufacturing - *[32511]*					
2003	953	965	913	965	949
2004	952	869	827	771	855
2005	789	810	736	821	789
2006	930	970	957	951	952
2007	865	868	834	837	851
2008	827	777	757	591	738
2009	508	513	..	..	..
Other basic chemical manufacturing - [3251X]					
2003	2,568	2,570	2,517	2,557	2,553
2004	2,390	2,326	2,255	2,233	2,301
2005	2,412	2,535	2,616	2,697	2,565
2006	2,635	2,465	2,513	2,391	2,501
2007	2,452	2,441	2,236	2,370	2,375
2008	2,361	2,491	2,302	2,093	2,312
2009	1,994	1,945	..	..	..
Resin, synthetic rubber, and artificial and synthetic fibres and filaments manufacturing - *[3252]*					
2003	2,886	2,533	2,322	2,598	2,585
2004	2,791	3,323	3,267	3,431	3,203
2005	3,525	3,324	3,290	3,168	3,327
2006	2,924	3,143	3,175	3,045	3,072
2007	3,339	3,271	3,175	3,253	3,260
2008	3,135	2,966	2,830	2,462	2,848
2009	2,194	1,974	..	..	..
Pesticide, fertilizer and other agricultural chemical manufacturing - *[3253]*					
2003	911	1,023	1,082	1,053	1,017
2004	1,108	1,117	1,148	1,144	1,129
2005	1,204	1,204	1,208	1,248	1,216
2006	1,259	1,176	1,137	1,133	1,176
2007	1,091	1,107	1,080	1,146	1,106
2008	1,083	1,053	1,156	1,096	1,097
2009	940	891	..	..	..

Table 3-13 – continued

Gross domestic product at basic prices, by industry, monthly, quarterly and annual — Chemical manufacturing

	Seasonally adjusted at annual rates				Annual
	First quarter	Second quarter	Third quarter	Fourth quarter	
	millions of chained (2002) dollars				
Pharmaceutical and medicine manufacturing - *[3254]*					
2003	4,393	4,731	4,282	4,145	4,388
2004	3,980	3,821	3,942	4,112	3,964
2005	3,786	3,738	3,949	3,858	3,833
2006	4,215	4,190	4,283	4,368	4,264
2007	4,400	4,465	4,335	4,396	4,399
2008	4,225	4,408	4,605	4,887	4,531
2009	4,794	4,879	..	..	..
Miscellaneous chemical product manufacturing - [325A]					
2003	4,272	4,211	4,145	3,996	4,156
2004	4,023	4,015	4,092	3,942	4,018
2005	3,704	3,543	3,375	3,310	3,483
2006	3,320	3,306	3,313	3,286	3,306
2007	3,436	3,390	3,478	3,456	3,440
2008	3,358	3,344	3,291	3,235	3,307
2009	2,987	2,839	..	..	..
Paint, coating and adhesive manufacturing - *[3255]*					
2003	1,281	1,209	1,172	1,169	1,208
2004	1,211	1,219	1,329	1,281	1,260
2005	1,171	1,132	1,097	1,027	1,107
2006	1,060	1,074	1,054	1,044	1,058
2007	1,001	1,010	1,037	1,031	1,020
2008	1,031	1,021	1,004	1,000	1,014
2009	902	847	..	..	..
Soap, cleaning compound and toilet preparation manufacturing - *[3256]*					
2003	1,173	1,254	1,299	1,262	1,247
2004	1,347	1,293	1,190	1,054	1,221
2005	919	867	845	853	871
2006	865	853	896	862	869
2007	868	884	866	866	871
2008	829	805	781	785	800
2009	769	759	..	..	..
Soap and cleaning compound manufacturing - *[32561]*					
2003	677	757	801	788	756
2004	890	868	788	682	807
2005	556	460	434	421	468
2006	439	435	463	435	443
2007	430	483	476	492	470
2008	472	439	415	415	435
2009	420	414	..	..	..
Toilet preparation manufacturing - *[32562]*					
2003	497	497	495	467	489
2004	446	408	387	363	401
2005	369	429	437	465	425
2006	455	445	459	457	454
2007	470	419	406	385	420
2008	367	383	385	391	381
2009	363	361	..	..	..
Other chemical product manufacturing - *[3259]*					
2003	1,831	1,748	1,668	1,557	1,701
2004	1,449	1,496	1,577	1,618	1,535
2005	1,632	1,562	1,447	1,447	1,522
2006	1,408	1,393	1,377	1,394	1,393
2007	1,589	1,516	1,597	1,580	1,570
2008	1,517	1,537	1,525	1,467	1,512
2009	1,333	1,248	..	..	..