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]						
2005	1,143,547	1,144,266	1,140,346	1,148,751	1,153,629	1,157,069
2006	1,184,765	1,187,443	1,190,174	1,190,411	1,190,914	1,188,967
2007	1,200,465	1,208,104	1,210,907	1,212,927	1,218,047	1,220,765
2008	1,231,699	1,228,799	1,230,459	1,231,518	1,232,078	1,233,539
2009	1,201,559	1,197,309	1,189,498	1,186,409	1,183,091	1,185,467
2010	1,215,618	1,219,635	1,224,822	1,225,974	1,230,359	1,233,456
2011	1,260,449	1,258,537	1,261,534	1,261,198	1,257,147	1,260,191
Chemical manufacturing - *[325]*						
2005	15,334	15,072	15,218	15,246	14,967	14,683
2006	15,341	15,399	15,644	15,497	15,621	15,140
2007	14,473	14,783	14,521	14,340	14,139	14,127
2008	13,322	13,141	13,072	13,506	13,566	13,126
2009	12,772	12,422	12,679	12,446	12,426	12,638
2010	13,471	13,249	13,260	12,841	13,044	13,174
2011	12,933	12,788	12,664	12,749	12,958	12,820
Basic chemical manufacturing - *[3251]*						
2005	3,107	3,298	3,298	3,351	3,441	3,354
2006	3,619	3,610	3,591	3,465	3,452	3,347
2007	3,317	3,305	3,318	3,379	3,275	3,129
2008	3,156	3,195	3,143	3,252	3,286	3,172
2009	2,684	2,659	2,583	2,652	2,564	2,772
2010	2,834	2,729	2,961	2,851	2,899	2,926
2011	3,209	3,099	3,164	3,142	3,136	3,185
Petrochemical manufacturing - *[32511]*						
2005	848	781	788	780	850	800
2006	850	964	962	941	952	902
2007	938	920	967	951	931	946
2008	994	1,063	892	830	907	864
2009	600	604	618	618	634	618
2010	706	690	742	773	733	816
2011	888	919	870	841	818	804
Other basic chemical manufacturing - [3251X]						
2005	2,256	2,491	2,485	2,537	2,567	2,523
2006	2,742	2,631	2,616	2,513	2,492	2,435
2007	2,373	2,378	2,354	2,423	2,344	2,196
2008	2,204	2,205	2,241	2,362	2,354	2,278
2009	1,989	1,966	1,896	1,954	1,872	2,056
2010	2,066	1,985	2,157	2,049	2,108	2,092
2011	2,297	2,190	2,268	2,263	2,269	2,317
Resin, synthetic rubber, and artificial and synthetic fibres and filaments manufacturing - *[3252]*						
2005	3,508	3,464	3,574	3,342	3,341	3,247
2006	3,013	2,777	2,970	3,339	3,176	3,070
2007	3,289	3,033	3,008	3,016	3,026	3,089
2008	2,862	2,904	2,751	2,904	2,753	2,863
2009	2,186	1,863	2,071	1,902	2,007	2,049
2010	2,259	2,355	2,334	2,276	2,021	2,046
2011	2,402	2,318	2,379	2,273	2,369	2,334
Pesticide, fertilizer and other agricultural chemical manufacturing - *[3253]*						
2005	1,181	1,182	1,261	1,279	1,181	1,088
2006	1,262	1,372	1,281	1,280	1,279	1,176
2007	1,126	1,161	1,070	1,081	1,117	1,130
2008	998	879	930	910	948	940
2009	761	766	769	765	759	754
2010	786	761	761	834	726	616
2011	767	786	836	864	733	762

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]*						
2005	3,847	3,692	3,718	3,860	3,627	3,620
2006	4,208	4,375	4,499	4,255	4,508	4,265
2007	3,668	3,930	3,884	3,680	3,555	3,714
2008	3,242	3,273	3,162	3,399	3,386	3,223
2009	3,959	3,898	4,058	3,955	3,929	3,895
2010	4,412	4,350	4,217	3,900	4,340	4,400
2011	3,678	3,626	3,385	3,397	3,696	3,554
Miscellaneous chemical product manufacturing - [325A]						
2005	3,845	3,643	3,598	3,595	3,591	3,562
2006	3,324	3,251	3,289	3,309	3,242	3,315
2007	3,313	3,424	3,341	3,340	3,338	3,217
2008	3,247	3,192	3,289	3,304	3,362	3,178
2009	3,065	2,980	2,993	2,924	2,965	3,019
2010	3,016	2,953	2,933	2,889	2,860	3,069
2011	2,981	3,003	2,986	3,080	3,118	3,077
Paint, coating and adhesive manufacturing - *[3255]*						
2005	1,286	1,110	1,150	1,155	1,144	1,113
2006	1,065	1,044	1,054	1,062	1,017	1,123
2007	1,079	1,034	1,035	1,066	1,093	1,050
2008	1,052	1,062	1,091	1,082	1,105	1,011
2009	1,016	1,064	1,022	990	1,029	1,039
2010	1,001	862	908	860	861	932
2011	786	764	777	841	817	819
Soap, cleaning compound and toilet preparation manufacturing - *[3256]*						
2005	960	879	894	872	867	865
2006	873	882	884	865	870	875
2007	835	874	817	815	812	785
2008	762	748	775	801	791	759
2009	751	703	720	729	722	721
2010	728	746	720	656	677	701
2011	712	739	721	740	749	757
Soap and cleaning compound manufacturing - *[32561]*						
2005	601	522	527	483	456	438
2006	445	454	464	450	456	455
2007	375	390	371	391	393	387
2008	396	390	393	417	388	384
2009	392	355	380	371	362	357
2010	357	350	347	335	344	350
2011	353	359	360	357	366	367
Toilet preparation manufacturing - *[32562]*						
2005	361	366	380	406	435	457
2006	457	457	445	440	439	447
2007	496	522	480	456	450	428
2008	390	382	408	408	433	402
2009	383	372	362	383	385	392
2010	398	428	403	343	357	378
2011	385	410	386	413	413	419
Other chemical product manufacturing - *[3259]*						
2005	1,611	1,679	1,571	1,586	1,601	1,607
2006	1,399	1,335	1,361	1,394	1,368	1,325
2007	1,405	1,536	1,508	1,473	1,442	1,391
2008	1,447	1,391	1,434	1,432	1,478	1,424
2009	1,306	1,211	1,255	1,208	1,217	1,262
2010	1,295	1,367	1,320	1,397	1,343	1,459
2011	1,519	1,540	1,526	1,532	1,591	1,535

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]						
2005	1,160,028	1,164,393	1,165,353	1,169,253	1,175,654	1,181,871
2006	1,191,165	1,192,085	1,190,448	1,192,434	1,195,178	1,202,852
2007	1,220,709	1,225,264	1,226,322	1,226,828	1,230,845	1,226,593
2008	1,237,265	1,233,387	1,232,381	1,232,513	1,224,450	1,209,350
2009	1,187,403	1,186,028	1,193,930	1,196,650	1,204,421	1,206,762
2010	1,235,077	1,238,798	1,237,626	1,241,146	1,247,785	1,256,861
2011	1,265,757	1,271,182	1,274,219	..	..	..
Chemical manufacturing - *[325]*						
2005	14,977	15,054	15,053	15,092	14,865	15,219
2006	15,325	15,617	15,131	14,829	15,029	14,367
2007	13,791	13,254	13,841	13,883	13,864	14,137
2008	13,649	13,532	13,099	13,676	12,934	12,534
2009	12,745	12,578	12,664	12,509	13,113	13,136
2010	13,027	12,962	13,024	12,627	12,654	12,966
2011	13,337	13,136	13,434	..	..	..
Basic chemical manufacturing - *[3251]*						
2005	3,430	3,383	3,410	3,514	3,481	3,601
2006	3,504	3,465	3,475	3,429	3,240	3,299
2007	3,079	2,994	3,158	3,069	3,183	3,253
2008	3,170	3,044	2,933	2,914	2,813	2,497
2009	2,675	2,783	2,761	2,691	2,763	2,886
2010	3,039	2,949	3,055	3,020	3,021	3,250
2011	3,270	3,234	3,288	..	..	..
Petrochemical manufacturing - *[32511]*						
2005	714	767	707	803	817	813
2006	937	948	961	974	942	995
2007	906	963	988	942	981	1,002
2008	918	889	939	804	771	666
2009	659	630	566	580	599	613
2010	773	746	808	835	859	940
2011	895	822	777	..	..	..
Other basic chemical manufacturing - [3251X]						
2005	2,662	2,576	2,648	2,669	2,625	2,741
2006	2,554	2,507	2,507	2,451	2,300	2,312
2007	2,181	2,059	2,192	2,144	2,221	2,267
2008	2,250	2,157	2,039	2,086	2,017	1,799
2009	1,954	2,060	2,071	2,005	2,057	2,155
2010	2,209	2,145	2,205	2,163	2,152	2,308
2011	2,347	2,350	2,417	..	..	..
Resin, synthetic rubber, and artificial and synthetic fibres and filaments manufacturing - *[3252]*						
2005	3,303	3,394	3,138	3,231	3,199	3,183
2006	3,221	3,359	3,144	2,950	2,990	2,999
2007	2,937	2,863	3,015	2,910	2,962	3,140
2008	2,855	2,910	2,679	2,843	2,509	2,107
2009	2,030	1,914	2,046	2,096	2,061	2,141
2010	2,096	2,104	2,060	2,021	2,230	2,384
2011	2,461	2,363	2,335	..	..	..
Pesticide, fertilizer and other agricultural chemical manufacturing - *[3253]*						
2005	1,187	1,138	1,268	1,210	1,265	1,352
2006	1,223	1,291	1,088	1,145	1,191	1,148
2007	1,065	1,007	1,128	1,201	1,078	1,084
2008	969	1,084	997	911	805	837
2009	877	772	707	649	743	708
2010	663	677	708	702	739	737
2011	794	839	795	..	..	..

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]*						
2005	3,909	3,932	4,052	3,998	3,834	3,907
2006	4,267	4,392	4,202	4,184	4,364	3,793
2007	3,565	3,212	3,412	3,577	3,481	3,449
2008	3,624	3,393	3,506	4,002	3,616	3,695
2009	3,873	3,923	4,030	3,962	4,372	4,387
2010	4,150	4,155	4,095	3,833	3,687	3,760
2011	3,795	3,768	3,956	..	..	..
Miscellaneous chemical product manufacturing - [325A]						
2005	3,333	3,391	3,321	3,304	3,267	3,346
2006	3,222	3,236	3,298	3,161	3,236	3,261
2007	3,282	3,367	3,322	3,234	3,337	3,458
2008	3,181	3,212	3,030	3,097	3,262	3,203
2009	3,027	2,961	2,982	3,044	2,954	2,875
2010	3,012	2,990	3,001	2,977	2,995	2,944
2011	3,106	2,948	3,066	..	..	..
Paint, coating and adhesive manufacturing - *[3255]*						
2005	1,056	1,149	1,053	1,019	995	1,054
2006	1,036	1,018	1,070	1,044	1,077	1,062
2007	1,078	1,096	1,102	1,086	1,107	1,111
2008	1,023	1,001	926	1,017	1,011	1,124
2009	1,049	1,046	1,023	1,082	969	926
2010	885	858	865	845	856	791
2011	818	796	804	..	..	..
Soap, cleaning compound and toilet preparation manufacturing - *[3256]*						
2005	866	807	846	864	863	869
2006	880	914	921	843	872	845
2007	776	786	763	796	796	794
2008	720	754	748	725	760	754
2009	714	667	665	664	668	682
2010	712	740	733	741	738	730
2011	767	732	755	..	..	..
Soap and cleaning compound manufacturing - *[32561]*						
2005	449	423	421	425	432	439
2006	463	480	462	411	427	409
2007	372	379	379	390	399	407
2008	368	377	361	339	370	388
2009	360	335	335	341	336	336
2010	350	364	368	355	362	356
2011	373	371	368	..	..	..
Toilet preparation manufacturing - *[32562]*						
2005	441	407	456	470	462	459
2006	441	460	492	468	479	471
2007	435	438	412	435	424	413
2008	376	404	417	417	419	391
2009	379	355	353	344	357	372
2010	390	404	392	416	404	403
2011	424	386	416	..	..	..
Other chemical product manufacturing - *[3259]*						
2005	1,425	1,448	1,436	1,437	1,425	1,438
2006	1,317	1,315	1,318	1,284	1,298	1,366
2007	1,438	1,498	1,469	1,358	1,443	1,572
2008	1,454	1,476	1,373	1,366	1,511	1,326
2009	1,267	1,251	1,302	1,300	1,328	1,279
2010	1,440	1,417	1,429	1,418	1,428	1,456
2011	1,559	1,451	1,543	..	..	..

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]					
2005	1,142,720	1,153,150	1,163,258	1,175,593	1,158,680
2006	1,187,461	1,190,097	1,191,233	1,196,821	1,191,403
2007	1,206,492	1,217,246	1,224,098	1,228,089	1,218,981
2008	1,230,319	1,232,378	1,234,344	1,222,104	1,229,786
2009	1,196,122	1,184,989	1,189,120	1,202,611	1,193,211
2010	1,220,025	1,229,930	1,237,167	1,248,597	1,233,930
2011	1,260,173	1,259,512	1,270,386	..	..
Chemical manufacturing - *[325]*					
2005	15,208	14,965	15,028	15,059	15,065
2006	15,461	15,419	15,358	14,742	15,245
2007	14,592	14,202	13,629	13,961	14,096
2008	13,178	13,399	13,427	13,048	13,263
2009	12,624	12,503	12,662	12,919	12,677
2010	13,327	13,020	13,004	12,749	13,025
2011	12,795	12,842	13,302	..	..
Basic chemical manufacturing - *[3251]*					
2005	3,234	3,382	3,408	3,532	3,389
2006	3,607	3,421	3,481	3,323	3,458
2007	3,313	3,261	3,077	3,168	3,205
2008	3,165	3,237	3,049	2,741	3,048
2009	2,642	2,663	2,740	2,780	2,706
2010	2,841	2,892	3,014	3,097	2,961
2011	3,157	3,154	3,264	..	..
Petrochemical manufacturing - *[32511]*					
2005	806	810	729	811	789
2006	925	932	949	970	944
2007	942	943	952	975	953
2008	983	867	915	747	878
2009	607	623	618	597	612
2010	713	774	776	878	785
2011	892	821	831	..	..
Other basic chemical manufacturing - [3251X]					
2005	2,411	2,542	2,629	2,678	2,565
2006	2,663	2,480	2,523	2,354	2,505
2007	2,368	2,321	2,144	2,211	2,261
2008	2,217	2,331	2,149	1,967	2,166
2009	1,950	1,961	2,028	2,072	2,003
2010	2,069	2,083	2,186	2,208	2,137
2011	2,252	2,283	2,371	..	..
Resin, synthetic rubber, and artificial and synthetic fibres and filaments manufacturing - *[3252]*					
2005	3,515	3,310	3,278	3,204	3,327
2006	2,920	3,195	3,241	2,980	3,084
2007	3,110	3,044	2,938	3,004	3,024
2008	2,839	2,840	2,815	2,486	2,745
2009	2,040	1,986	1,997	2,099	2,030
2010	2,316	2,114	2,087	2,212	2,182
2011	2,366	2,325	2,386	..	..
Pesticide, fertilizer and other agricultural chemical manufacturing - *[3253]*					
2005	1,208	1,183	1,198	1,276	1,216
2006	1,305	1,245	1,201	1,161	1,228
2007	1,119	1,109	1,067	1,121	1,104
2008	936	933	1,017	851	934
2009	765	759	785	700	752
2010	769	725	683	726	726
2011	796	786	809	..	..

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]*					
2005	3,752	3,702	3,964	3,913	3,833
2006	4,361	4,343	4,287	4,114	4,276
2007	3,827	3,650	3,396	3,502	3,594
2008	3,226	3,336	3,508	3,771	3,460
2009	3,972	3,926	3,942	4,240	4,020
2010	4,326	4,213	4,133	3,760	4,108
2011	3,563	3,549	3,840	..	..
Miscellaneous chemical product manufacturing - [325A]					
2005	3,695	3,583	3,348	3,306	3,483
2006	3,288	3,289	3,252	3,219	3,262
2007	3,359	3,298	3,324	3,343	3,331
2008	3,243	3,281	3,141	3,187	3,213
2009	3,013	2,969	2,990	2,958	2,982
2010	2,967	2,939	3,001	2,972	2,970
2011	2,990	3,092	3,040	..	..
Paint, coating and adhesive manufacturing - *[3255]*					
2005	1,182	1,137	1,086	1,023	1,107
2006	1,054	1,067	1,041	1,061	1,056
2007	1,049	1,070	1,092	1,101	1,078
2008	1,068	1,066	983	1,051	1,042
2009	1,034	1,019	1,039	992	1,021
2010	924	884	869	831	877
2011	776	826	806	..	..
Soap, cleaning compound and toilet preparation manufacturing - *[3256]*					
2005	911	868	840	865	871
2006	880	870	905	853	877
2007	842	804	775	795	804
2008	762	784	741	746	758
2009	725	724	682	671	700
2010	731	678	728	736	718
2011	724	749	751	..	..
Soap and cleaning compound manufacturing - *[32561]*					
2005	550	459	431	432	468
2006	454	454	468	416	448
2007	379	390	377	399	386
2008	393	396	369	366	381
2009	376	363	343	338	355
2010	351	343	361	358	353
2011	357	363	371	..	..
Toilet preparation manufacturing - *[32562]*					
2005	369	433	435	464	425
2006	453	442	464	473	458
2007	499	445	428	424	449
2008	393	414	399	409	404
2009	372	387	362	358	370
2010	410	359	395	408	393
2011	394	415	409	..	..
Other chemical product manufacturing - *[3259]*					
2005	1,620	1,598	1,436	1,433	1,522
2006	1,365	1,362	1,317	1,316	1,340
2007	1,483	1,435	1,468	1,458	1,461
2008	1,424	1,445	1,434	1,401	1,426
2009	1,257	1,229	1,273	1,302	1,266
2010	1,327	1,400	1,429	1,434	1,397
2011	1,528	1,553	1,518	..	..