

Table 3-16

Gross domestic product at basic prices, by industry, monthly, quarterly and annual — Primary and fabricated metal products manufacturing

	Seasonally adjusted at annual rates					
	January	February	March	April	May	June
	millions of chained (2002) dollars					
All industries - [T001]						
2002	1,054,865	1,059,861	1,058,129	1,065,089	1,066,239	1,067,154
2003	1,082,478	1,085,876	1,085,221	1,081,999	1,085,416	1,088,770
2004	1,108,787	1,107,279	1,117,950	1,120,554	1,120,140	1,125,669
2005	1,140,669	1,142,131	1,139,042	1,146,164	1,148,640	1,154,019
2006	1,181,017	1,184,278	1,186,579	1,187,117	1,188,716	1,188,682
2007	1,202,416	1,207,788	1,212,139	1,212,690	1,217,917	1,222,153
2008	1,228,843	1,225,087	1,223,496	1,228,640	1,226,932	1,228,414
Primary and fabricated metal products manufacturing - [33A]						
2002	24,875	25,281	25,176	25,249	25,598	25,250
2003	24,984	24,831	24,811	24,563	24,371	24,129
2004	24,275	24,467	24,757	24,682	24,549	25,292
2005	25,272	25,325	25,090	25,273	25,555	25,518
2006	26,120	26,271	26,457	25,895	25,944	25,894
2007	25,958	25,986	26,523	26,695	26,708	26,528
2008	26,002	25,566	25,492	25,510	25,639	25,579
Primary metal manufacturing - [331]						
2002	10,874	11,029	11,069	11,001	11,279	11,258
2003	11,201	11,105	11,306	10,957	10,826	10,518
2004	11,002	11,144	11,302	11,362	11,253	11,618
2005	11,612	11,723	11,685	11,887	11,879	12,041
2006	12,004	11,911	12,042	12,061	12,088	12,119
2007	11,861	12,059	12,190	12,224	12,024	12,011
2008	11,891	11,684	11,764	11,774	12,053	12,241
Iron and steel mills and ferro-alloy manufacturing - [3311]						
2002	2,923	3,152	3,177	3,066	3,299	3,277
2003	3,177	3,129	3,213	3,043	2,907	2,870
2004	2,812	2,729	2,684	2,771	2,733	2,848
2005	3,013	3,009	2,946	2,983	2,972	2,850
2006	2,951	2,944	2,977	3,062	3,179	3,192
2007	3,004	3,222	3,258	3,209	3,141	3,056
2008	3,086	2,942	3,070	3,107	3,190	3,277
Steel product manufacturing from purchased steel - [3312]						
2002	1,061	1,036	1,049	1,069	1,103	1,107
2003	1,173	1,224	1,187	1,202	1,134	1,108
2004	1,001	1,097	1,152	1,141	1,145	1,197
2005	1,221	1,173	1,171	1,156	1,224	1,312
2006	1,136	1,149	1,216	1,145	1,148	1,164
2007	1,114	1,177	1,189	1,231	1,136	1,114
2008	1,286	1,265	1,205	1,344	1,401	1,416
Alumina and aluminum production and processing - [3313]						
2002	3,367	3,388	3,408	3,403	3,378	3,425
2003	3,296	3,205	3,164	3,137	3,141	3,131
2004	3,685	3,747	3,846	3,815	3,835	3,851
2005	3,645	3,779	3,856	3,994	3,986	4,089
2006	4,229	4,237	4,217	4,215	4,207	4,234
2007	4,295	4,244	4,195	4,186	4,191	4,164
2008	4,194	4,204	4,243	4,222	4,213	4,173

Table 3-16 – continued

Gross domestic product at basic prices, by industry, monthly, quarterly and annual — Primary and fabricated metal products manufacturing

	Seasonally adjusted at annual rates					
	January	February	March	April	May	June
millions of chained (2002) dollars						
Non-ferrous metal (except aluminum) production and processing - [3314]						
2002	2,157	2,101	2,042	2,033	2,028	1,981
2003	1,940	1,928	2,037	1,869	1,870	1,753
2004	1,945	1,947	2,027	2,032	2,031	2,076
2005	1,932	1,987	1,975	2,010	1,994	2,070
2006	2,040	2,016	2,030	2,068	1,966	1,990
2007	2,037	1,956	2,060	2,101	2,086	2,206
2008	1,881	1,854	1,828	1,682	1,808	1,903
Foundries - [3315]						
2002	1,365	1,349	1,392	1,429	1,470	1,469
2003	1,597	1,600	1,674	1,695	1,774	1,664
2004	1,587	1,719	1,712	1,690	1,589	1,731
2005	1,846	1,828	1,822	1,840	1,797	1,871
2006	1,768	1,666	1,697	1,622	1,622	1,549
2007	1,442	1,444	1,439	1,459	1,444	1,436
2008	1,483	1,506	1,472	1,499	1,474	1,456
Ferrous metal foundries - [33151]						
2002	596	564	597	627	641	642
2003	676	687	688	676	688	668
2004	671	723	696	687	666	697
2005	771	743	757	758	692	724
2006	677	657	642	628	640	632
2007	585	579	576	586	568	539
2008	540	567	566	570	580	583
Non-ferrous metal foundries - [33152]						
2002	769	787	797	802	830	826
2003	923	914	986	1,019	1,086	996
2004	913	993	1,014	1,003	920	1,034
2005	1,070	1,083	1,061	1,080	1,111	1,152
2006	1,098	1,014	1,062	998	986	916
2007	856	866	861	874	879	909
2008	953	946	911	935	897	874
Fabricated metal product manufacturing - [332]						
2002	13,999	14,252	14,106	14,247	14,315	13,992
2003	13,794	13,736	13,526	13,614	13,551	13,606
2004	13,293	13,338	13,466	13,323	13,300	13,674
2005	13,659	13,601	13,405	13,385	13,676	13,477
2006	14,119	14,359	14,417	13,836	13,857	13,777
2007	14,099	13,932	14,338	14,473	14,686	14,519
2008	14,112	13,884	13,729	13,737	13,587	13,338
Forging and stamping - [3321]						
2002	800	810	792	802	858	781
2003	751	779	794	782	806	836
2004	801	757	744	728	712	686
2005	629	634	694	666	666	669
2006	683	621	633	627	627	604
2007	563	578	588	577	585	590
2008	580	568	561	566	549	551
Cutlery and hand tool manufacturing - [3322]						
2002	304	306	312	312	307	320
2003	314	299	306	314	329	328
2004	347	380	354	326	337	331
2005	353	350	364	378	388	400
2006	398	410	395	400	380	365
2007	357	373	363	373	362	371
2008	361	343	354	337	332	328

Table 3-16 – continued

Gross domestic product at basic prices, by industry, monthly, quarterly and annual — Primary and fabricated metal products manufacturing

	Seasonally adjusted at annual rates					
	January	February	March	April	May	June
	millions of chained (2002) dollars					
Architectural and structural metals manufacturing - [3323]						
2002	4,060	4,223	4,219	4,203	4,082	4,028
2003	3,969	3,929	3,729	3,878	3,874	3,756
2004	3,651	3,747	3,772	3,831	3,773	3,895
2005	4,163	4,144	3,981	3,935	3,957	3,999
2006	4,320	4,450	4,419	4,296	4,280	4,160
2007	4,449	4,364	4,627	4,801	4,951	4,746
2008	4,546	4,624	4,516	4,558	4,558	4,481
Plate work and fabricated structural product manufacturing - [33231]						
2002	1,959	1,875	1,966	1,984	1,990	1,851
2003	1,784	1,752	1,761	1,762	1,611	1,682
2004	1,608	1,741	1,674	1,691	1,676	1,769
2005	1,968	1,971	1,910	1,874	1,881	1,931
2006	1,877	1,980	1,892	1,866	1,827	1,796
2007	1,931	1,847	2,041	2,221	2,315	2,187
2008	2,129	2,170	2,138	2,054	2,086	1,990
Ornamental and architectural metal products manufacturing - [33232]						
2002	2,101	2,347	2,254	2,219	2,091	2,178
2003	2,186	2,178	1,965	2,116	2,268	2,074
2004	2,048	1,999	2,102	2,146	2,100	2,124
2005	2,182	2,158	2,053	2,044	2,059	2,045
2006	2,461	2,479	2,554	2,448	2,479	2,384
2007	2,538	2,547	2,600	2,566	2,623	2,561
2008	2,405	2,441	2,361	2,508	2,470	2,502
Boiler, tank and shipping container manufacturing - [3324]						
2002	1,531	1,517	1,455	1,526	1,499	1,459
2003	1,486	1,471	1,488	1,452	1,497	1,703
2004	1,510	1,441	1,571	1,607	1,537	1,566
2005	1,610	1,504	1,467	1,418	1,419	1,434
2006	1,403	1,425	1,473	1,389	1,366	1,361
2007	1,385	1,409	1,404	1,383	1,392	1,415
2008	1,428	1,389	1,396	1,477	1,456	1,475
Hardware manufacturing - [3325]						
2002	860	946	931	961	1,002	983
2003	918	892	906	926	928	899
2004	1,038	1,028	1,017	969	951	937
2005	921	940	947	960	957	947
2006	968	959	948	953	951	949
2007	916	925	959	922	892	843
2008	799	739	687	659	706	734
Spring and wire product manufacturing - [3326]						
2002	768	807	800	818	824	796
2003	733	698	694	649	622	622
2004	591	591	574	620	620	666
2005	680	666	661	677	689	668
2006	576	579	575	535	546	526
2007	563	599	623	554	591	608
2008	579	567	542	548	530	523

Table 3-16 – continued

Gross domestic product at basic prices, by industry, monthly, quarterly and annual — Primary and fabricated metal products manufacturing

	Seasonally adjusted at annual rates					
	January	February	March	April	May	June
	millions of chained (2002) dollars					
Machine shops, turned product, and screw, nut and bolt manufacturing - [3327]						
2002	2,622	2,542	2,587	2,583	2,734	2,576
2003	2,356	2,407	2,424	2,475	2,485	2,526
2004	2,635	2,655	2,561	2,382	2,469	2,514
2005	2,500	2,419	2,449	2,471	2,641	2,415
2006	2,630	2,695	2,645	2,462	2,574	2,645
2007	2,721	2,628	2,668	2,697	2,703	2,707
2008	2,604	2,526	2,580	2,523	2,515	2,441
Coating, engraving, heat treating and allied activities - [3328]						
2002	1,212	1,238	1,216	1,217	1,190	1,234
2003	1,354	1,344	1,316	1,303	1,227	1,246
2004	1,137	1,181	1,233	1,251	1,292	1,281
2005	1,155	1,129	1,114	1,064	1,086	1,069
2006	1,276	1,327	1,314	1,323	1,320	1,337
2007	1,307	1,239	1,270	1,302	1,283	1,365
2008	1,294	1,219	1,161	1,124	1,041	919
Other fabricated metal product manufacturing - [3329]						
2002	1,841	1,862	1,792	1,826	1,818	1,815
2003	1,906	1,912	1,868	1,832	1,784	1,696
2004	1,602	1,574	1,658	1,625	1,629	1,808
2005	1,639	1,794	1,717	1,809	1,869	1,859
2006	1,828	1,858	1,970	1,811	1,783	1,807
2007	1,794	1,790	1,793	1,798	1,838	1,806
2008	1,846	1,810	1,825	1,825	1,782	1,768

Table 3-16 – continued

Gross domestic product at basic prices, by industry, monthly, quarterly and annual — Primary and fabricated metal products manufacturing

	Seasonally adjusted at annual rates					
	July	August	September	October	November	December
	millions of chained (2002) dollars					
All industries - [T001]						
2002	1,071,134	1,075,096	1,072,718	1,079,364	1,079,176	1,076,355
2003	1,094,457	1,083,925	1,097,124	1,101,700	1,102,618	1,106,952
2004	1,126,931	1,130,636	1,134,078	1,133,442	1,137,198	1,137,312
2005	1,156,814	1,161,803	1,163,320	1,165,412	1,171,982	1,178,176
2006	1,190,247	1,193,263	1,190,069	1,192,627	1,194,259	1,199,078
2007	1,223,442	1,225,460	1,226,292	1,228,689	1,230,199	1,222,739
2008	1,235,650	1,228,934	1,228,693	1,227,725	1,219,650	1,207,819
Primary and fabricated metal products manufacturing - [33A]						
2002	25,141	25,537	25,217	25,102	24,785	24,577
2003	24,124	23,739	24,511	25,023	25,037	25,161
2004	25,161	25,439	25,508	25,262	25,506	25,450
2005	25,451	25,537	25,707	25,446	25,708	26,250
2006	25,821	26,009	25,289	25,478	24,922	25,356
2007	26,167	26,005	26,210	26,433	26,449	26,094
2008	26,250	25,929	25,723	25,339	24,298	22,895
Primary metal manufacturing - [331]						
2002	11,230	11,190	11,018	11,084	10,980	11,032
2003	10,170	10,221	10,766	11,135	11,268	11,291
2004	11,713	11,879	11,835	11,728	11,857	11,907
2005	12,081	11,934	11,921	11,626	11,791	12,080
2006	12,050	12,253	11,762	11,946	11,517	11,719
2007	11,658	11,561	11,861	11,988	11,889	11,594
2008	12,752	12,757	12,471	12,046	11,192	10,200
Iron and steel mills and ferro-alloy manufacturing - [3311]						
2002	3,310	3,281	3,199	3,182	3,108	3,066
2003	2,800	2,726	2,779	2,857	2,844	2,839
2004	2,744	3,019	3,018	2,991	3,117	3,118
2005	3,027	2,858	2,903	2,799	2,845	3,099
2006	3,150	3,199	2,855	2,992	2,721	2,898
2007	2,884	2,924	3,162	3,248	3,175	2,869
2008	3,467	3,516	3,386	3,136	2,701	2,040
Steel product manufacturing from purchased steel - [3312]						
2002	1,084	1,108	1,091	1,138	1,082	1,164
2003	1,112	1,063	1,174	1,184	1,225	1,182
2004	1,206	1,309	1,203	1,210	1,204	1,247
2005	1,215	1,170	1,134	1,129	1,160	1,155
2006	1,182	1,203	1,216	1,212	1,136	1,121
2007	1,086	1,104	1,140	1,131	1,187	1,239
2008	1,461	1,447	1,484	1,461	1,320	1,391
Alumina and aluminum production and processing - [3313]						
2002	3,422	3,421	3,352	3,394	3,370	3,340
2003	3,215	3,258	3,334	3,456	3,489	3,570
2004	3,707	3,655	3,708	3,677	3,665	3,713
2005	4,125	4,168	4,166	4,159	4,179	4,178
2006	4,240	4,254	4,259	4,300	4,283	4,265
2007	4,214	4,199	4,217	4,220	4,229	4,250
2008	4,201	4,197	4,211	4,203	4,155	4,060
Non-ferrous metal (except aluminum) production and processing - [3314]						
2002	1,892	1,827	1,902	1,867	1,877	1,849
2003	1,427	1,614	1,808	1,882	2,023	1,989
2004	2,400	2,188	2,155	2,119	2,070	2,030
2005	1,972	2,020	1,975	1,869	1,956	1,952
2006	1,994	2,059	2,049	2,070	2,068	2,070
2007	2,022	1,923	1,890	1,898	1,842	1,835
2008	2,067	2,076	1,897	1,833	1,807	1,711

Table 3-16 – continued

Gross domestic product at basic prices, by industry, monthly, quarterly and annual — Primary and fabricated metal products manufacturing

	Seasonally adjusted at annual rates					
	July	August	September	October	November	December
millions of chained (2002) dollars						
Foundries - [3315]						
2002	1,521	1,553	1,473	1,507	1,540	1,620
2003	1,654	1,593	1,700	1,791	1,717	1,749
2004	1,727	1,725	1,786	1,768	1,822	1,832
2005	1,868	1,887	1,914	1,870	1,816	1,793
2006	1,492	1,536	1,452	1,394	1,390	1,400
2007	1,529	1,473	1,462	1,484	1,473	1,519
2008	1,476	1,408	1,459	1,451	1,308	1,251
Ferrous metal foundries - [33151]						
2002	601	677	605	628	622	712
2003	660	619	697	773	717	671
2004	702	696	746	747	779	794
2005	737	719	675	671	662	683
2006	606	636	596	581	573	548
2007	550	539	538	562	539	547
2008	587	573	587	608	587	588
Non-ferrous metal foundries - [33152]						
2002	921	875	868	878	918	905
2003	996	975	1,002	1,017	998	1,076
2004	1,023	1,029	1,038	1,018	1,040	1,035
2005	1,134	1,175	1,257	1,213	1,167	1,117
2006	884	898	860	810	815	855
2007	991	943	933	930	943	983
2008	890	834	873	839	711	649
Fabricated metal product manufacturing - [332]						
2002	13,911	14,346	14,201	14,020	13,807	13,548
2003	13,930	13,505	13,740	13,889	13,773	13,868
2004	13,438	13,549	13,666	13,528	13,640	13,533
2005	13,372	13,606	13,789	13,823	13,919	14,172
2006	13,772	13,756	13,527	13,532	13,406	13,638
2007	14,506	14,446	14,350	14,447	14,562	14,502
2008	13,498	13,171	13,252	13,293	13,107	12,697
Forging and stamping - [3321]						
2002	760	754	744	762	751	806
2003	845	832	807	820	795	801
2004	652	637	678	640	641	628
2005	697	731	717	695	706	704
2006	590	575	561	541	550	552
2007	642	617	600	618	601	581
2008	540	510	506	526	474	457
Cutlery and hand tool manufacturing - [3322]						
2002	306	313	300	306	334	300
2003	345	341	348	362	374	360
2004	336	347	341	343	351	359
2005	394	380	407	397	397	400
2006	341	345	359	343	339	341
2007	385	386	376	383	365	370
2008	336	328	336	356	330	334
Architectural and structural metals manufacturing - [3323]						
2002	3,943	4,016	3,997	4,019	3,986	3,992
2003	3,950	3,836	3,922	3,921	3,840	4,004
2004	3,918	3,984	4,066	4,002	4,089	4,084
2005	3,889	3,988	3,936	4,125	4,095	4,208
2006	4,341	4,331	4,184	4,189	4,163	4,347
2007	4,715	4,614	4,758	4,790	4,889	4,732
2008	4,526	4,459	4,452	4,504	4,502	4,323

Table 3-16 – continued

Gross domestic product at basic prices, by industry, monthly, quarterly and annual — Primary and fabricated metal products manufacturing

	Seasonally adjusted at annual rates					
	July	August	September	October	November	December
	millions of chained (2002) dollars					
Plate work and fabricated structural product manufacturing - [33231]						
2002	1,795	1,829	1,746	1,807	1,763	1,767
2003	1,818	1,795	1,874	1,775	1,765	1,837
2004	1,747	1,764	1,857	1,843	1,946	1,960
2005	1,841	1,854	1,804	1,870	1,841	1,815
2006	1,882	1,804	1,741	1,832	1,782	1,897
2007	2,145	2,094	2,214	2,235	2,370	2,272
2008	2,009	2,012	1,978	1,988	2,053	1,951
Ornamental and architectural metal products manufacturing - [33232]						
2002	2,148	2,188	2,252	2,212	2,222	2,224
2003	2,132	2,041	2,046	2,146	2,074	2,166
2004	2,176	2,226	2,207	2,156	2,131	2,109
2005	2,033	2,122	2,128	2,255	2,259	2,414
2006	2,480	2,561	2,478	2,372	2,405	2,467
2007	2,570	2,522	2,534	2,543	2,489	2,435
2008	2,528	2,451	2,484	2,529	2,448	2,376
Boiler, tank and shipping container manufacturing - [3324]						
2002	1,446	1,548	1,473	1,456	1,459	1,475
2003	1,526	1,511	1,571	1,626	1,590	1,511
2004	1,519	1,512	1,477	1,478	1,471	1,431
2005	1,491	1,432	1,434	1,414	1,425	1,496
2006	1,445	1,386	1,435	1,469	1,408	1,372
2007	1,344	1,370	1,347	1,341	1,378	1,404
2008	1,486	1,469	1,482	1,479	1,457	1,493
Hardware manufacturing - [3325]						
2002	1,010	963	881	932	906	929
2003	993	999	1,023	1,031	1,070	1,019
2004	916	906	925	913	907	845
2005	936	988	965	984	943	960
2006	900	896	909	891	937	983
2007	898	866	790	816	783	782
2008	702	653	671	701	722	661
Spring and wire product manufacturing - [3326]						
2002	775	841	763	772	742	714
2003	610	601	619	603	640	613
2004	658	641	653	657	647	654
2005	674	657	653	642	649	628
2006	513	541	506	510	495	518
2007	608	620	574	617	604	603
2008	531	509	503	516	494	497
Machine shops, turned product, and screw, nut and bolt manufacturing - [3327]						
2002	2,612	2,614	2,532	2,443	2,404	2,351
2003	2,599	2,558	2,678	2,729	2,726	2,709
2004	2,412	2,444	2,363	2,420	2,407	2,402
2005	2,337	2,463	2,582	2,538	2,623	2,694
2006	2,644	2,596	2,587	2,596	2,567	2,523
2007	2,650	2,735	2,649	2,625	2,639	2,726
2008	2,477	2,430	2,498	2,442	2,407	2,249

Table 3-16 – continued

Gross domestic product at basic prices, by industry, monthly, quarterly and annual — Primary and fabricated metal products manufacturing

	Seasonally adjusted at annual rates					
	July	August	September	October	November	December
millions of chained (2002) dollars						
Coating, engraving, heat treating and allied activities - [3328]						
2002	1,176	1,225	1,382	1,315	1,279	1,316
2003	1,252	1,261	1,237	1,229	1,221	1,286
2004	1,313	1,298	1,280	1,259	1,246	1,265
2005	1,077	1,116	1,261	1,204	1,245	1,280
2006	1,261	1,208	1,151	1,135	1,104	1,160
2007	1,371	1,392	1,409	1,389	1,361	1,284
2008	994	906	901	862	808	773
Other fabricated metal product manufacturing - [3329]						
2002	1,883	2,072	2,129	2,015	1,951	1,664
2003	1,813	1,574	1,545	1,577	1,533	1,576
2004	1,722	1,779	1,871	1,808	1,867	1,841
2005	1,862	1,837	1,837	1,809	1,821	1,783
2006	1,688	1,826	1,786	1,815	1,797	1,799
2007	1,835	1,797	1,767	1,788	1,844	1,930
2008	1,788	1,776	1,777	1,777	1,783	1,782

Table 3-16 – continued

Gross domestic product at basic prices, by industry, monthly, quarterly and annual — Primary and fabricated metal products manufacturing

	Seasonally adjusted at annual rates				Annual
	First quarter	Second quarter	Third quarter	Fourth quarter	
millions of chained (2002) dollars					
All industries - [T001]					
2002	1,057,618	1,066,161	1,072,983	1,078,298	1,068,765
2003	1,084,525	1,085,395	1,091,835	1,103,757	1,091,378
2004	1,111,339	1,122,121	1,130,548	1,135,984	1,124,998
2005	1,140,614	1,149,608	1,160,646	1,171,857	1,155,681
2006	1,183,958	1,188,172	1,191,193	1,195,321	1,189,661
2007	1,207,448	1,217,587	1,225,065	1,227,209	1,219,327
2008	1,225,809	1,227,995	1,231,092	1,218,398	1,225,824
Primary and fabricated metal products manufacturing - [33A]					
2002	25,111	25,366	25,298	24,821	25,149
2003	24,875	24,354	24,125	25,074	24,607
2004	24,500	24,841	25,369	25,406	25,029
2005	25,229	25,449	25,565	25,801	25,511
2006	26,283	25,911	25,706	25,252	25,788
2007	26,156	26,644	26,127	26,325	26,313
2008	25,687	25,576	25,967	24,177	25,352
Primary metal manufacturing - [331]					
2002	10,991	11,179	11,146	11,032	11,087
2003	11,204	10,767	10,386	11,231	10,897
2004	11,149	11,411	11,809	11,831	11,550
2005	11,673	11,936	11,979	11,832	11,855
2006	11,986	12,089	12,022	11,727	11,956
2007	12,037	12,086	11,693	11,824	11,910
2008	11,780	12,023	12,660	11,146	11,902
Iron and steel mills and ferro-alloy manufacturing - [3311]					
2002	3,084	3,214	3,263	3,119	3,170
2003	3,173	2,940	2,768	2,847	2,932
2004	2,742	2,784	2,927	3,075	2,882
2005	2,989	2,935	2,929	2,914	2,942
2006	2,957	3,144	3,068	2,870	3,010
2007	3,161	3,135	2,990	3,097	3,096
2008	3,033	3,191	3,456	2,626	3,076
Steel product manufacturing from purchased steel - [3312]					
2002	1,049	1,093	1,094	1,128	1,091
2003	1,195	1,148	1,116	1,197	1,164
2004	1,083	1,161	1,239	1,220	1,176
2005	1,188	1,231	1,173	1,148	1,185
2006	1,167	1,152	1,200	1,156	1,169
2007	1,160	1,160	1,110	1,186	1,154
2008	1,252	1,387	1,464	1,391	1,373
Alumina and aluminum production and processing - [3313]					
2002	3,388	3,402	3,398	3,368	3,389
2003	3,222	3,136	3,269	3,505	3,283
2004	3,759	3,834	3,690	3,685	3,742
2005	3,760	4,023	4,153	4,172	4,027
2006	4,228	4,219	4,251	4,283	4,245
2007	4,245	4,180	4,210	4,233	4,217
2008	4,214	4,203	4,203	4,139	4,190

Table 3-16 – continued

Gross domestic product at basic prices, by industry, monthly, quarterly and annual — Primary and fabricated metal products manufacturing

	Seasonally adjusted at annual rates				Annual
	First quarter	Second quarter	Third quarter	Fourth quarter	
millions of chained (2002) dollars					
Non-ferrous metal (except aluminum) production and processing - [3314]					
2002	2,100	2,014	1,874	1,864	1,963
2003	1,968	1,831	1,616	1,965	1,845
2004	1,973	2,046	2,248	2,073	2,085
2005	1,965	2,025	1,989	1,926	1,976
2006	2,029	2,008	2,034	2,069	2,035
2007	2,018	2,131	1,945	1,858	1,988
2008	1,854	1,798	2,013	1,784	1,862
Foundries - [3315]					
2002	1,369	1,456	1,516	1,556	1,474
2003	1,624	1,711	1,649	1,752	1,684
2004	1,673	1,670	1,746	1,807	1,724
2005	1,832	1,836	1,890	1,826	1,846
2006	1,710	1,598	1,493	1,395	1,549
2007	1,442	1,446	1,488	1,492	1,467
2008	1,487	1,476	1,448	1,337	1,437
Ferrous metal foundries - [33151]					
2002	586	637	628	654	626
2003	684	677	659	720	685
2004	697	683	715	773	717
2005	757	725	710	672	716
2006	659	633	613	567	618
2007	580	564	542	549	559
2008	558	578	582	594	578
Non-ferrous metal foundries - [33152]					
2002	784	819	888	900	848
2003	941	1,034	991	1,030	999
2004	973	986	1,030	1,031	1,005
2005	1,071	1,114	1,189	1,166	1,135
2006	1,058	967	881	827	933
2007	861	887	956	952	914
2008	937	902	866	733	859
Fabricated metal product manufacturing - [332]					
2002	14,119	14,185	14,153	13,792	14,062
2003	13,685	13,590	13,725	13,843	13,711
2004	13,366	13,432	13,551	13,567	13,479
2005	13,555	13,513	13,589	13,971	13,657
2006	14,298	13,823	13,685	13,525	13,833
2007	14,123	14,559	14,434	14,504	14,405
2008	13,908	13,554	13,307	13,032	13,450
Forging and stamping - [3321]					
2002	801	814	753	773	785
2003	775	808	828	805	804
2004	767	709	656	636	692
2005	652	667	715	702	684
2006	646	619	575	548	597
2007	576	584	620	600	595
2008	570	555	519	486	532
Cutlery and hand tool manufacturing - [3322]					
2002	307	313	306	313	310
2003	306	324	345	365	335
2004	360	331	341	351	346
2005	356	389	394	398	384
2006	401	382	348	341	368
2007	364	369	382	373	372
2008	353	332	333	340	340

Table 3-16 – continued

Gross domestic product at basic prices, by industry, monthly, quarterly and annual — Primary and fabricated metal products manufacturing

	Seasonally adjusted at annual rates				Annual
	First quarter	Second quarter	Third quarter	Fourth quarter	
	millions of chained (2002) dollars				
Architectural and structural metals manufacturing - [3323]					
2002	4,167	4,104	3,985	3,999	4,064
2003	3,876	3,836	3,903	3,922	3,884
2004	3,723	3,833	3,989	4,058	3,901
2005	4,096	3,964	3,938	4,143	4,035
2006	4,396	4,245	4,285	4,233	4,290
2007	4,480	4,833	4,696	4,804	4,703
2008	4,562	4,532	4,479	4,443	4,504
Plate work and fabricated structural product manufacturing - [33231]					
2002	1,933	1,942	1,790	1,779	1,861
2003	1,766	1,685	1,829	1,792	1,768
2004	1,674	1,712	1,789	1,916	1,773
2005	1,950	1,895	1,833	1,842	1,880
2006	1,916	1,830	1,809	1,837	1,848
2007	1,940	2,241	2,151	2,292	2,156
2008	2,146	2,043	2,000	1,997	2,046
Ornamental and architectural metal products manufacturing - [33232]					
2002	2,234	2,163	2,196	2,219	2,203
2003	2,110	2,153	2,073	2,129	2,116
2004	2,050	2,123	2,203	2,132	2,127
2005	2,131	2,049	2,094	2,309	2,146
2006	2,498	2,437	2,506	2,415	2,464
2007	2,562	2,583	2,542	2,489	2,544
2008	2,402	2,493	2,488	2,451	2,459
Boiler, tank and shipping container manufacturing - [3324]					
2002	1,501	1,495	1,489	1,463	1,487
2003	1,482	1,551	1,536	1,576	1,536
2004	1,507	1,570	1,503	1,460	1,510
2005	1,527	1,424	1,452	1,445	1,462
2006	1,434	1,372	1,422	1,416	1,411
2007	1,399	1,397	1,354	1,374	1,381
2008	1,404	1,469	1,479	1,476	1,457
Hardware manufacturing - [3325]					
2002	912	982	951	922	942
2003	905	918	1,005	1,040	967
2004	1,028	952	916	888	946
2005	936	955	963	962	954
2006	958	951	902	937	937
2007	933	886	851	794	866
2008	742	700	675	695	703
Spring and wire product manufacturing - [3326]					
2002	792	813	793	743	785
2003	708	631	610	619	642
2004	585	635	651	653	631
2005	669	678	661	640	662
2006	577	536	520	508	535
2007	595	584	601	608	597
2008	563	534	514	502	528

Table 3-16 – continued

Gross domestic product at basic prices, by industry, monthly, quarterly and annual — Primary and fabricated metal products manufacturing

	Seasonally adjusted at annual rates				Annual
	First quarter	Second quarter	Third quarter	Fourth quarter	
	millions of chained (2002) dollars				
Machine shops, turned product, and screw, nut and bolt manufacturing - [3327]					
2002	2,584	2,631	2,586	2,399	2,550
2003	2,396	2,495	2,612	2,721	2,556
2004	2,617	2,455	2,406	2,410	2,472
2005	2,456	2,509	2,461	2,618	2,511
2006	2,657	2,560	2,609	2,562	2,597
2007	2,672	2,702	2,678	2,663	2,679
2008	2,570	2,493	2,468	2,366	2,474
Coating, engraving, heat treating and allied activities - [3328]					
2002	1,222	1,214	1,261	1,303	1,250
2003	1,338	1,259	1,250	1,245	1,273
2004	1,184	1,275	1,297	1,257	1,253
2005	1,133	1,073	1,151	1,243	1,150
2006	1,306	1,327	1,207	1,133	1,243
2007	1,272	1,317	1,391	1,345	1,331
2008	1,225	1,028	934	814	1,000
Other fabricated metal product manufacturing - [3329]					
2002	1,832	1,820	2,028	1,877	1,889
2003	1,895	1,771	1,644	1,562	1,718
2004	1,611	1,687	1,791	1,839	1,732
2005	1,717	1,846	1,845	1,804	1,803
2006	1,885	1,800	1,767	1,804	1,814
2007	1,792	1,814	1,800	1,854	1,815
2008	1,827	1,792	1,780	1,781	1,795