



APPENDIX TABLE 6-10

Value added of business services, by region, country, or economy: 2001–16

(Millions of current dollars)

Region, country, or economy	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
World	1,812,541	1,878,176	2,082,458	2,294,181	2,462,751	2,695,390	3,032,889	3,360,664	3,177,453	3,326,363	3,665,854	3,768,550	3,861,866	3,997,691	3,836,465	3,953,984
North America																
Canada	32,517	33,893	40,136	45,962	52,823	60,598	66,643	71,855	65,469	75,930	84,383	87,924	87,602	82,237	69,973	67,941
Mexico	17,451	18,980	19,521	20,709	23,486	25,476	27,585	29,311	23,645	26,187	28,911	28,955	31,746	31,693	28,801	26,946
United States	714,888	742,455	762,909	805,432	857,593	933,555	976,651	1,054,747	992,638	999,655	1,041,303	1,094,521	1,117,217	1,172,597	1,265,695	1,316,111
Central and South America																
Argentina	19,605	5,969	6,655	8,301	9,995	12,089	15,486	19,165	18,714	21,770	25,651	27,356	28,652	24,483	27,219	23,987
Bolivia	257	229	223	224	221	238	267	311	354	386	420	483	533	563	626	738
Brazil	23,007	21,662	21,882	26,278	36,274	47,528	57,854	71,821	79,853	102,275	125,237	123,052	125,060	123,613	77,710	77,706
Chile	3,500	3,014	2,932	3,966	5,203	6,399	7,694	8,914	9,092	11,392	14,183	16,107	17,529	16,400	15,114	15,596
Colombia	4,732	4,802	4,571	5,630	7,124	7,824	10,115	11,728	11,597	14,272	15,639	17,469	17,885	17,845	12,623	12,310
Costa Rica	633	678	710	803	908	1,085	1,358	1,640	1,775	2,182	2,562	2,996	3,334	3,355	3,655	3,942
Ecuador	1,116	1,442	1,617	1,718	1,873	2,084	2,438	2,743	2,811	3,256	3,827	4,339	4,995	5,526	5,109	4,749
Honduras	115	126	139	155	161	156	166	180	225	260	227	228	240	232	213	223
Panama	793	855	913	961	1,039	1,155	1,195	1,341	1,511	1,701	1,907	2,081	2,377	2,646	2,814	3,082
Peru	1,498	1,765	1,723	1,854	2,003	2,279	2,696	3,360	3,477	4,243	4,918	5,731	6,083	6,407	6,185	6,395



Region, country, or economy	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Uruguay	1,466	908	690	717	912	1,031	1,237	1,622	1,849	2,469	2,973	3,381	3,866	3,890	3,664	3,632
Venezuela	3,812	2,737	2,126	2,313	2,518	2,979	3,595	4,429	5,710	3,586	4,507	5,806	5,611	4,268	6,930	1,333
Europe																
EU	538,748	589,331	721,818	815,870	855,595	926,198	1,085,341	1,181,527	1,035,534	1,007,206	1,088,389	1,046,095	1,085,796	1,133,331	1,010,324	1,026,323
Austria	8,898	10,195	12,773	14,600	15,839	17,170	20,046	23,481	21,830	21,197	22,864	21,775	23,500	24,306	20,720	21,368
Belgium	18,487	19,732	24,586	28,217	30,086	32,567	38,137	43,124	39,807	38,957	42,587	39,355	42,777	44,820	39,078	40,662
Bulgaria	250	278	316	394	484	595	925	1,347	1,607	1,713	1,823	1,898	1,858	1,836	1,551	1,569
Czech Republic	2,574	3,690	4,386	5,101	6,169	6,792	8,422	11,204	9,607	9,812	10,793	9,683	9,172	8,773	7,746	7,624
Denmark	7,022	7,324	8,842	10,644	11,464	12,147	13,665	16,549	15,464	15,400	16,878	16,040	17,443	18,337	16,517	16,772
Finland	4,303	4,555	5,750	6,816	7,271	7,826	9,789	11,303	10,346	10,121	11,304	10,837	11,318	11,429	9,720	10,013
France	85,137	93,482	116,447	134,093	142,491	155,619	181,893	204,301	185,199	179,002	197,642	199,073	192,684	193,608	169,962	175,949
Germany	149,674	160,188	193,714	207,694	211,890	222,308	261,212	286,174	239,049	227,334	245,389	229,835	242,711	253,619	217,739	225,438
Greece	3,971	5,139	6,986	8,780	8,827	10,988	13,257	13,539	13,009	10,635	10,052	8,502	8,143	7,574	6,618	6,725
Hungary	2,204	2,968	3,660	4,447	4,857	5,288	6,037	7,263	6,148	6,078	6,487	5,861	6,288	6,620	5,817	6,149
Ireland	4,044	4,513	6,048	8,109	10,610	11,730	14,219	14,586	12,316	12,738	14,420	13,706	15,652	15,900	14,600	15,266
Italy	67,073	72,608	94,158	105,262	107,768	107,751	121,346	134,358	124,366	118,296	128,268	114,982	119,369	121,468	103,474	105,559
Netherlands	26,907	28,142	33,850	38,454	40,418	43,654	51,327	57,868	52,695	48,093	49,587	46,528	48,046	50,319	44,938	46,865
Poland	9,506	9,297	10,124	11,318	14,183	16,055	20,333	26,420	22,111	22,825	24,069	23,220	25,094	26,994	23,313	23,508
Portugal	4,280	4,631	5,814	6,688	7,138	7,343	9,023	10,458	9,778	9,245	9,148	7,737	8,155	8,390	7,245	7,436



Region, country, or economy	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Romania	894	1,327	1,772	2,096	2,861	4,293	6,251	7,322	6,182	7,252	9,606	8,236	11,482	12,718	11,974	13,003
Slovakia	763	976	1,235	1,574	1,880	2,283	3,277	4,413	4,380	4,356	4,595	4,372	4,805	4,728	3,966	4,047
Spain	24,482	27,536	36,041	41,865	45,996	52,681	63,351	73,266	69,340	62,851	64,713	59,190	59,001	59,661	52,942	57,021
Sweden	12,221	13,267	16,455	19,262	20,020	23,240	28,258	29,642	24,323	28,594	34,837	34,301	37,828	38,296	33,680	35,297
United Kingdom	106,057	119,483	138,861	160,459	165,344	185,869	214,574	204,908	167,977	172,707	183,326	190,966	200,470	223,934	218,724	206,050
Other Europe																
Norway	5,618	6,594	7,642	8,630	10,101	11,811	15,692	18,410	16,598	17,948	20,900	22,570	23,458	22,449	17,929	17,227
Russia	12,651	12,560	15,684	21,221	28,195	36,007	52,978	67,260	52,055	62,629	69,560	75,734	85,435	78,002	52,878	52,537
Switzerland	19,786	20,872	22,813	26,059	26,969	28,518	32,148	38,895	41,037	44,113	53,384	53,222	56,257	58,751	57,097	56,275
Turkey	4,611	6,327	8,283	10,866	13,715	15,771	21,106	24,753	22,499	26,945	28,122	30,305	32,541	33,537	33,118	34,063
Ukraine	771	913	1,019	1,414	1,914	2,449	3,985	5,078	3,953	3,832	4,300	5,829	6,600	4,371	2,709	2,838
Middle East																
Bahrain	305	324	350	397	459	517	595	640	652	714	672	705	727	786	773	789
Iran	4,604	5,848	7,158	8,522	10,008	12,730	16,940	20,772	22,754	24,771	30,591	22,717	16,844	19,564	18,506	20,007
Israel	11,531	10,554	11,302	12,416	12,542	14,512	16,521	19,611	20,916	23,567	28,719	27,383	30,684	32,682	31,742	34,040
Jordan	503	515	543	580	581	611	645	656	738	814	896	971	1,039	1,106	1,153	1,201
Kuwait	359	442	497	532	590	615	672	713	655	742	1,302	1,324	1,371	1,546	1,129	1,131
Oman	411	437	427	441	459	521	629	714	768	818	886	1,036	1,152	1,377	1,459	1,382
Qatar	104	107	109	228	275	797	1,249	1,501	1,627	1,546	1,811	2,110	2,501	2,704	3,963	4,130



Region, country, or economy	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Saudi Arabia	4,491	4,598	4,700	5,076	5,349	5,728	6,246	7,141	8,515	9,665	10,690	13,959	16,995	18,605	16,804	15,469
United Arab Emirates	4,127	4,754	5,471	6,554	7,428	8,505	11,604	12,957	11,766	12,070	12,891	14,118	15,582	16,266	15,352	15,645
Africa																
Cameroon	244	268	337	384	415	448	489	554	580	587	660	662	729	775	681	741
Egypt	1,226	1,138	911	851	1,194	1,479	1,424	1,641	1,936	2,193	5,997	6,282	6,051	6,587	6,972	6,180
Ghana	176	205	254	295	359	428	482	490	425	603	811	940	820	620	598	655
Kenya	267	274	312	313	358	431	533	570	588	606	580	691	745	781	740	823
Morocco	1,334	1,506	1,907	2,230	2,493	2,792	3,417	3,720	3,994	3,940	4,373	4,318	4,568	4,690	4,233	4,248
Nigeria	2,744	3,435	3,881	4,698	5,774	7,779	8,800	10,284	9,267	11,417	14,360	16,965	19,061	21,776	20,432	17,014
Senegal	188	214	265	306	323	355	437	520	508	511	575	544	595	619	548	644
South Africa	3,592	3,413	5,453	6,930	8,009	8,248	8,963	8,465	9,961	13,220	14,592	13,167	11,843	11,751	10,437	9,892
Tunisia	897	1,008	1,209	1,332	1,372	1,530	1,724	1,898	1,980	2,012	2,204	2,092	2,198	2,308	2,047	2,012
Asia																
Bangladesh	1,631	1,684	1,787	1,876	1,869	2,229	2,429	2,650	3,045	3,318	3,427	3,559	4,284	4,991	5,737	6,396
China	49,286	51,512	51,001	56,651	68,097	84,983	111,470	142,821	164,733	199,925	259,112	314,115	378,285	434,575	477,564	502,809
India	6,902	7,346	8,651	11,361	13,648	15,967	20,929	24,663	27,153	34,781	40,418	42,776	49,610	59,015	58,794	63,944
Indonesia	1,637	2,214	2,778	3,063	3,433	4,449	5,065	5,692	6,115	8,255	9,833	10,292	10,425	10,503	10,652	11,784
Japan	250,887	234,908	249,989	267,240	272,265	271,175	279,193	320,358	339,535	356,208	388,633	389,422	310,105	285,008	254,576	283,783
Malaysia	1,399	1,510	1,628	1,745	2,390	2,667	3,212	3,687	3,867	4,787	5,447	6,003	6,519	6,871	5,706	5,803



Region, country, or economy	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Pakistan	1,334	1,666	1,894	2,179	2,856	5,635	6,270	6,397	6,880	7,877	9,435	10,448	11,006	12,992	14,142	15,535
Philippines	2,224	2,346	2,481	2,711	3,106	3,772	4,685	5,592	5,632	6,646	7,651	8,771	9,475	9,575	10,002	10,412
Singapore	2,193	2,305	2,432	2,578	2,876	3,424	4,231	5,219	5,354	6,867	8,492	9,116	9,874	10,123	9,513	9,536
South Korea	12,172	14,499	16,934	19,119	22,884	27,125	30,715	28,792	26,110	30,509	30,271	31,951	35,293	37,921	34,003	33,335
Sri Lanka	248	368	380	375	436	521	616	686	742	814	992	1,109	1,163	1,184	1,140	1,170
Taiwan	6,905	7,003	7,383	7,970	8,728	9,642	10,073	10,514	10,045	11,017	12,148	12,573	12,861	12,986	12,505	12,542
Thailand	3,270	3,796	4,330	4,913	5,370	6,281	7,137	7,687	7,228	8,617	9,591	10,665	11,407	11,420	11,157	11,574
Vietnam	636	694	758	852	882	979	1,142	1,428	1,541	1,651	1,899	2,185	2,488	2,662	2,771	2,940
Australia and Oceania																
Australia	23,304	26,572	34,776	42,752	48,448	54,471	67,170	71,629	71,961	91,360	112,266	118,204	108,834	100,658	67,343	68,089
New Zealand	3,836	4,602	6,166	7,627	8,854	8,813	10,951	10,911	9,490	11,698	12,328	13,191	23,916	26,468	22,908	24,375

EU = European Union.

Note(s)

Value added is the amount contributed by a country, firm, or other entity to the value of a good or service and excludes purchases of domestic and imported materials and inputs. Data are not available for EU members Cyprus, Estonia, Latvia, Lithuania, Luxembourg, Malta, and Slovenia. China includes Hong Kong. Detail may not add to total because of rounding or minor discrepancies. See Appendix Table 6-1 for a full list of countries and economies in each region.

Source(s)

IHS Global Insight, World Industry Service database, accessed 17 July 2017.

Science and Engineering Indicators 2018