

APPENDIX TABLE 6-5 

**Value added of education 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	1,420,668	1,504,185	1,688,489	1,856,805	1,975,357	2,101,272	2,336,617	2,556,804	2,576,609	2,703,020	2,964,154	3,034,924	3,117,951	3,224,911	3,141,410	3,200,073
North America																
Canada	34,108	35,524	41,891	47,600	53,735	62,987	70,604	74,947	73,787	84,307	91,653	93,765	94,004	91,242	82,899	82,715
Mexico	25,371	28,317	29,133	29,494	33,638	36,744	39,612	42,423	36,928	41,883	45,653	47,398	51,901	53,218	47,848	44,843
United States	511,500	545,000	581,000	609,800	638,000	675,400	717,600	757,600	783,500	797,200	826,367	861,995	874,132	919,057	952,523	976,401
Central and South America																
Argentina	16,215	5,102	5,774	6,415	8,589	10,730	13,826	18,815	19,740	23,175	30,429	34,574	36,508	31,353	34,948	31,474
Bolivia	124	124	125	132	133	149	165	192	216	235	254	281	308	329	373	441
Brazil	24,953	23,424	24,736	27,660	34,762	45,855	58,524	72,054	73,902	93,170	117,580	109,956	119,800	127,761	104,648	108,066
Chile	5,954	5,298	5,571	6,683	7,791	8,884	10,030	11,674	11,878	14,465	16,520	17,564	19,038	17,888	17,398	18,383
Colombia	5,165	5,091	4,825	5,815	7,227	7,585	9,445	11,158	11,072	13,628	15,058	17,209	18,477	19,070	16,863	16,435
Costa Rica	1,027	1,097	1,150	1,194	1,250	1,343	1,545	1,826	2,127	2,732	3,205	3,536	3,918	3,877	4,191	4,302
Ecuador	1,025	996	1,390	1,761	2,050	2,373	2,629	3,162	3,464	3,781	3,814	4,404	4,670	4,998	5,508	5,389
Honduras	423	481	522	552	626	710	863	1,001	1,168	1,218	1,252	1,312	1,348	1,412	1,429	1,484
Panama	512	536	568	588	604	635	772	839	919	995	1,068	1,206	1,422	1,580	1,686	1,933
Peru	2,808	3,066	3,337	3,678	3,994	4,361	4,950	5,612	5,685	6,348	7,042	8,206	8,715	9,147	9,052	9,395



Region, country, or economy	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Uruguay	813	513	415	460	591	689	837	1,169	1,327	1,634	1,984	2,171	2,477	2,493	2,340	2,254
Venezuela	9,235	6,569	5,611	6,092	7,128	8,865	11,639	14,366	18,029	10,572	14,162	18,510	18,066	13,943	22,750	4,536
Europe																
EU	398,314	445,010	543,219	621,701	652,820	681,134	779,895	849,046	808,942	795,523	844,170	804,552	839,234	864,608	767,572	765,699
Austria	9,223	9,960	12,353	13,748	14,367	15,227	17,375	19,606	19,600	19,222	20,542	19,551	20,769	21,480	18,823	19,383
Belgium	13,527	14,919	18,534	20,897	21,912	23,049	26,335	30,116	29,517	29,235	32,195	31,296	33,331	34,601	29,945	30,050
Bulgaria	660	784	910	1,072	1,166	1,198	1,502	1,691	1,700	1,577	1,649	1,578	1,565	2,096	1,791	1,779
Czech Republic	2,237	2,853	3,658	4,236	4,888	5,486	6,536	8,085	7,476	7,478	8,294	7,684	7,818	7,730	6,926	7,058
Denmark	7,691	8,487	10,497	12,044	12,302	12,866	14,127	16,185	16,243	17,280	18,405	17,797	18,841	19,626	17,182	17,141
Finland	5,054	5,612	7,020	8,077	8,431	8,714	9,960	11,291	11,064	10,952	11,983	11,419	12,101	12,331	10,710	10,593
France	67,976	74,629	92,218	102,014	105,587	108,896	124,130	138,441	134,197	131,626	141,115	133,243	141,963	145,675	126,139	127,830
Germany	76,569	83,843	100,261	114,032	115,782	114,981	129,326	141,360	138,521	134,380	144,591	139,020	147,396	153,180	135,232	140,469
Greece	5,522	7,230	9,199	11,826	12,338	12,665	14,800	17,520	17,179	15,438	15,906	13,578	12,885	13,052	11,311	11,369
Hungary	2,162	2,911	4,074	4,652	5,102	5,052	5,755	6,506	5,344	5,172	5,548	5,160	5,666	5,734	5,021	5,075
Ireland	3,964	4,875	6,661	8,003	8,801	9,866	11,676	13,581	13,414	12,239	12,814	11,896	12,289	12,597	11,597	12,084
Italy	48,086	53,344	66,700	72,032	75,787	78,829	89,196	93,458	90,995	86,074	87,760	81,780	85,697	87,802	76,465	76,821
Netherlands	16,003	18,207	23,073	26,177	26,994	27,879	32,121	36,367	36,695	35,826	37,761	35,885	37,800	38,498	33,260	33,566
Poland	9,372	10,021	10,553	11,807	14,552	15,811	19,092	23,673	19,988	21,503	23,298	21,759	22,917	24,151	21,546	21,283
Portugal	7,236	8,288	10,266	11,853	12,508	12,749	13,749	15,332	15,047	14,678	14,160	12,807	13,389	13,309	11,766	11,959

Region, country, or economy	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Romania	1,207	1,348	1,851	2,572	3,367	3,927	4,849	6,912	5,644	5,763	6,152	6,975	7,629	7,824	6,117	6,301
Slovakia	700	843	1,165	1,355	1,526	1,645	2,066	2,801	2,884	2,816	3,098	3,038	3,312	3,153	2,690	2,727
Spain	29,248	32,884	42,236	49,888	53,889	58,074	68,553	78,876	78,696	75,305	78,653	71,184	73,639	72,446	63,692	65,746
Sweden	10,619	12,040	15,393	17,477	17,812	18,955	21,704	23,256	20,458	22,452	25,983	25,518	27,011	26,688	22,857	23,440
United Kingdom	81,260	91,930	106,597	127,938	135,710	145,266	167,042	163,990	144,278	146,508	154,262	153,384	153,216	162,633	154,502	141,025
Other Europe																
Norway	6,848	8,090	9,802	10,690	11,773	12,360	14,369	16,224	15,599	17,240	19,335	20,001	20,516	19,890	16,968	16,733
Russia	8,445	8,931	10,359	13,887	17,437	22,773	30,095	39,056	35,734	40,370	47,206	49,878	55,700	50,799	36,734	36,147
Switzerland	1,743	1,907	2,108	2,159	2,156	2,166	2,386	2,752	2,836	2,846	3,615	3,436	3,599	3,787	3,834	3,856
Turkey	5,405	6,949	9,373	11,730	14,558	16,391	20,720	23,161	21,446	25,069	25,639	27,228	28,177	28,037	26,880	27,547
Ukraine	1,678	2,035	2,583	3,054	4,072	5,192	6,522	8,258	6,325	6,737	7,452	8,981	9,757	6,392	3,808	3,638
Middle East																
Bahrain	328	387	459	513	557	636	715	834	970	1,027	1,146	1,361	1,528	1,536	1,507	1,528
Iran	1,639	2,377	2,355	3,248	3,820	4,639	4,876	6,025	6,676	7,751	9,461	6,980	5,174	6,009	5,714	6,191
Israel	8,395	7,541	7,736	7,423	7,520	7,923	9,069	11,155	10,720	12,256	13,795	13,984	15,915	16,767	16,412	17,274
Jordan	193	229	231	263	296	332	370	405	430	492	513	574	634	674	706	732
Kuwait	1,927	2,132	2,255	2,443	2,647	3,071	3,591	4,460	4,581	4,635	5,661	6,688	6,961	7,497	5,324	5,216
Oman	575	856	1,074	1,416	1,504	1,662	1,855	2,166	2,356	2,511	2,696	3,240	3,499	3,949	4,191	4,013
Qatar	28	30	30	325	396	613	850	1,128	1,409	1,586	1,866	2,195	2,590	2,837	2,933	3,019



Region, country, or economy	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Saudi Arabia	1,758	1,838	1,914	2,032	2,124	2,232	2,362	2,516	2,731	2,899	3,249	3,638	3,862	4,188	3,635	3,364
United Arab Emirates	657	758	857	978	1,065	1,204	1,461	1,828	1,921	2,067	2,617	2,883	3,167	3,267	3,101	3,236
Africa																
Cameroon	224	270	379	475	498	565	742	804	860	933	1,033	1,006	1,087	1,211	1,074	1,175
Egypt	7,669	7,397	6,221	5,666	7,287	8,318	5,252	5,762	6,647	7,590	7,775	9,550	9,372	10,361	11,033	9,975
Ghana	294	342	424	492	599	715	915	1,070	1,069	1,312	1,527	1,687	1,639	1,340	1,418	1,650
Kenya	849	1,004	1,238	1,301	1,422	1,613	1,908	2,315	2,249	2,148	2,183	2,634	2,842	3,106	3,099	3,439
Morocco	1,028	1,067	1,368	1,544	1,701	1,778	2,216	2,440	2,417	2,471	2,737	2,773	3,037	3,109	2,821	2,796
Nigeria	903	1,151	1,351	1,768	2,266	3,157	3,702	4,525	4,317	5,500	7,316	8,059	9,983	11,531	10,991	9,366
Senegal	158	177	209	270	291	322	414	465	454	472	540	544	561	584	522	612
South Africa	1,150	1,118	1,817	2,406	2,757	2,932	3,162	2,882	3,227	3,748	4,176	6,475	5,924	5,599	5,004	4,754
Tunisia	10	11	13	13	13	13	15	16	15	15	17	18	17	18	16	16
Asia																
Bangladesh	1,049	1,097	1,215	1,323	1,366	1,445	1,721	2,089	2,354	2,621	2,886	3,061	3,640	4,222	4,827	5,698
China	43,337	49,826	56,603	66,012	77,436	87,609	108,662	135,839	161,763	186,042	231,095	265,827	309,585	355,498	399,682	424,156
India	17,569	19,671	23,670	28,887	33,511	36,417	43,761	45,487	43,415	50,311	57,413	57,849	59,629	68,773	72,788	80,128
Indonesia	3,635	5,010	6,703	7,807	8,907	11,290	13,436	15,040	16,627	22,173	26,520	28,813	29,450	28,819	29,037	31,156
Japan	195,561	187,852	195,979	204,724	195,564	184,064	180,085	201,065	215,684	226,182	254,503	259,866	210,898	191,673	180,988	202,993
Malaysia	853	860	868	864	1,129	1,204	1,372	1,495	1,515	1,834	2,110	2,281	2,419	2,526	2,447	2,488



Region, country, or economy	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Pakistan	1,155	1,339	1,508	1,663	1,921	2,163	2,304	2,380	2,560	2,647	3,448	3,441	3,702	5,005	5,508	5,965
Philippines	1,913	2,058	2,137	2,281	2,409	2,707	3,291	3,540	6,246	6,898	7,741	8,455	9,191	9,405	9,912	10,375
Singapore	2,079	2,219	2,326	2,527	2,581	2,804	2,990	3,369	3,411	4,407	5,399	5,750	6,211	6,371	6,083	5,988
South Korea	24,231	27,917	32,901	37,790	45,407	53,453	59,784	55,297	49,688	56,128	62,200	63,364	66,928	72,041	72,651	71,461
Sri Lanka	434	552	368	319	366	160	142	231	806	1,225	1,340	1,345	1,467	1,625	1,851	1,927
Taiwan	14,067	14,725	15,963	16,494	17,746	18,456	19,102	20,008	19,551	20,678	22,639	23,122	23,055	22,991	21,951	21,736
Thailand	4,717	4,998	5,487	6,505	7,191	8,423	10,128	11,170	11,594	13,296	15,031	16,334	17,249	17,237	16,852	16,742
Vietnam	1,057	1,165	1,303	1,489	1,698	1,921	2,163	2,347	2,507	2,699	3,257	4,054	5,044	5,733	6,307	6,704
Australia and Oceania																
Australia	17,371	19,586	24,531	30,052	33,569	35,214	41,245	45,174	45,422	56,395	68,938	72,630	71,246	69,569	62,649	64,239
New Zealand	2,189	2,565	3,505	4,348	4,855	4,889	5,930	6,143	5,795	6,945	7,868	8,283	8,679	8,959	8,122	8,288

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.

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