

Appendix table 6-5

Value added of education services, by region/country/economy: 1997–2012

(Millions of current dollars)

Region/country/economy	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
World	1,237,764	1,253,381	1,315,348	1,331,237	1,356,374	1,435,912	1,611,856	1,770,426	1,885,626	2,006,470	2,234,288	2,442,080	2,461,790	2,580,541	2,811,044	2,873,366
North America																
Canada	30,560	29,319	30,221	31,501	31,633	32,855	38,590	43,597	49,204	57,342	62,047	65,674	61,050	71,596	78,434	81,451
Mexico	17,403	19,145	22,510	26,966	32,018	34,816	34,851	35,386	40,084	43,538	47,076	50,236	43,860	49,377	51,959	52,947
United States	401,587	425,500	453,800	483,300	511,500	545,000	581,000	609,800	637,900	674,900	717,000	753,658	784,132	796,533	833,908	865,275
Central and South America																
Argentina	11,716	12,182	12,958	13,615	13,542	4,266	4,838	5,469	7,181	9,577	12,428	16,563	17,201	19,675	24,335	26,637
Bolivia	103	113	121	124	124	124	125	132	133	149	164	192	216	235	254	278
Brazil	31,215	28,285	22,337	29,278	23,731	22,467	23,863	26,307	33,737	43,438	56,317	69,380	72,213	90,312	104,720	100,320
Chile	3,354	3,459	3,549	3,726	3,478	3,508	3,627	4,494	5,312	6,158	7,210	7,732	8,092	9,402	11,042	11,827
Colombia	8,122	7,464	7,066	6,405	6,492	5,091	4,825	5,815	7,227	7,585	9,445	11,158	11,072	13,628	15,054	16,743
Costa Rica	616	697	774	855	949	1,004	1,050	1,081	1,127	1,216	1,386	1,650	1,932	2,496	2,852	3,147
Ecuador	1,160	1,145	778	536	1,025	1,375	1,843	2,295	2,660	3,060	3,375	10,088	10,714	11,716	13,461	14,940
Honduras	248	295	316	348	423	481	522	552	580	659	802	940	1,116	1,205	1,278	1,341
Jamaica	49	92	98	400	447	469	459	486	511	563	599	654	710	723	834	844
Panama	401	402	447	476	512	536	568	588	604	635	721	841	885	903	1,038	1,160
Peru	1,890	1,961	1,837	1,915	2,039	2,123	2,336	2,560	2,793	3,032	3,410	3,903	4,142	4,893	5,680	6,347
Uruguay	793	842	870	845	813	513	415	460	591	689	837	1,169	1,322	1,630	1,942	2,088
Venezuela	3,791	5,698	6,476	7,932	9,235	6,569	5,611	6,092	7,128	8,865	11,639	14,360	18,022	10,568	14,431	16,786
Europe																
EU	396,632	409,297	412,756	379,473	387,162	429,589	526,520	599,883	627,925	654,370	751,158	812,965	775,270	762,981	812,602	783,004
Austria	10,288	10,449	10,501	9,385	9,293	10,031	12,395	13,816	14,429	15,214	17,364	19,630	19,676	19,453	20,779	20,070
Belgium	14,761	15,086	14,818	13,210	13,526	14,917	18,531	20,893	21,917	23,065	26,336	30,198	29,983	30,037	33,156	32,067
Bulgaria	156	271	423	442	417	503	583	682	738	739	935	1,023	1,112	1,165	1,290	1,259
Czech Republic	2,054	2,094	2,160	2,038	2,247	2,783	3,532	4,057	4,803	5,452	6,506	8,118	7,438	7,485	8,319	7,635
Denmark	7,982	8,337	8,387	7,598	7,692	8,482	10,484	12,024	12,296	12,840	14,108	16,134	16,385	17,181	18,482	17,687
Finland	5,395	5,547	5,468	4,916	5,036	5,592	6,996	8,048	8,393	8,685	9,924	11,196	10,919	10,898	11,911	11,483
France	72,030	74,495	74,411	66,506	67,306	73,939	91,394	101,097	104,696	108,020	122,762	136,559	132,969	130,536	140,268	134,630
Germany	86,758	87,873	86,694	76,881	76,354	83,504	99,843	113,510	115,272	114,730	128,929	139,838	139,060	136,122	147,267	141,578
Greece	6,441	6,419	6,383	5,765	5,886	6,950	10,048	11,793	12,545	13,825	16,886	19,419	20,080	18,192	18,596	16,902
Hungary	1,940	1,959	2,040	1,944	2,245	3,021	4,210	4,826	5,351	5,342	6,008	6,590	5,292	5,189	5,600	5,242
Ireland	3,341	3,243	3,185	3,034	3,387	4,164	5,642	6,641	7,388	8,393	10,042	11,755	11,828	10,889	11,423	10,864
Italy	55,266	55,134	54,366	48,171	49,202	54,476	68,613	73,755	77,504	80,725	91,566	95,984	93,520	89,103	91,088	85,424
Netherlands	15,073	15,736	16,142	14,949	15,679	17,841	22,617	25,698	26,469	27,341	31,497	35,572	35,848	34,915	36,965	35,514
Poland	6,225	6,796	6,648	6,717	7,913	8,295	9,369	11,428	13,691	14,802	17,870	21,876	17,304	19,158	20,646	19,954
Portugal	6,290	6,622	6,869	6,457	6,736	7,730	9,444	10,939	11,513	11,763	13,667	15,235	14,579	14,073	14,434	13,405
Romania	637	789	991	969	1,200	1,341	1,840	2,560	3,342	3,889	4,954	6,884	5,523	5,538	6,019	5,828
Slovakia	635	698	651	659	699	790	1,068	1,267	1,470	1,544	1,970	2,690	2,712	2,535	2,586	2,489
Spain	25,689	26,882	27,716	25,748	27,167	30,512	38,822	45,523	48,382	51,890	61,131	70,476	70,752	67,496	72,106	67,983
Sweden	11,718	11,779	12,232	11,289	10,789	12,140	15,855	17,930	18,202	19,171	21,677	23,201	20,431	22,292	25,927	25,475
United Kingdom	63,954	69,088	72,669	72,793	74,387	82,578	95,235	113,394	119,525	126,942	147,025	140,586	119,860	120,724	125,740	127,514

Appendix table 6-5

Value added of education services, by region/country/economy: 1997–2012

(Millions of current dollars)

Region/country/economy	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Other Europe																
Norway	6,411	6,608	6,795	6,400	6,848	8,090	9,885	10,780	11,867	12,442	14,441	16,248	15,700	17,325	19,343	19,671
Russia	15,195	10,085	5,107	6,379	8,445	8,931	10,359	13,887	17,437	22,773	30,095	39,056	35,734	40,370	47,745	51,519
Switzerland	1,785	1,808	1,722	1,545	1,605	1,757	1,936	1,996	1,985	1,999	2,203	2,544	2,628	2,620	3,139	2,962
Ukraine	2,470	2,013	1,357	1,360	1,657	2,031	2,584	3,055	4,075	5,197	6,516	8,262	6,320	7,016	7,794	8,250
Middle East																
Bahrain	260	268	282	290	324	381	459	513	557	636	715	836	953	1,011	1,052	1,139
Iran	649	1,791	1,216	1,113	1,639	2,377	2,355	3,248	3,820	4,639	4,876	5,645	5,751	6,701	7,942	6,853
Israel	7,650	7,556	7,626	8,181	8,677	7,893	8,066	8,648	8,684	9,213	10,374	12,430	11,829	13,383	14,775	14,679
Jordan	131	149	165	182	193	229	231	263	295	330	368	402	428	471	518	568
Kuwait	1,684	1,759	1,869	1,910	1,927	2,132	2,255	2,443	2,647	3,071	3,591	4,460	4,455	4,920	5,044	5,371
Qatar	29	56	55	54	56	60	61	485	672	825	1,029	1,302	1,580	1,758	2,150	2,361
Saudi Arabia	1,569	1,590	1,629	1,690	1,758	1,838	1,914	2,018	2,123	2,226	2,334	2,462	2,637	2,866	3,205	3,427
Turkey	5,771	5,921	6,508	6,471	4,887	6,251	8,380	10,599	13,224	14,842	18,855	21,812	20,588	22,957	22,568	23,654
United Arab Emirates	276	290	308	335	657	758	857	978	1,065	1,204	1,461	1,828	1,988	2,061	2,378	2,602
Africa																
Cameroon	200	211	284	228	224	280	360	475	498	565	742	804	860	933	1,007	1,006
Egypt	7,537	7,752	7,626	7,578	7,669	7,397	6,221	5,667	7,287	8,318	5,251	5,762	6,647	7,590	8,123	8,657
Kenya	911	1,049	964	748	802	958	1,191	1,266	1,382	1,563	1,835	1,912	1,839	2,003	1,988	2,409
Morocco	1,315	908	992	975	1,054	1,096	1,404	1,585	1,748	1,830	2,132	2,465	2,489	2,547	2,807	2,953
Nigeria	219	266	73	131	152	147	151	168	194	225	262	318	302	387	416	515
Senegal	155	165	169	151	158	177	209	270	291	322	414	465	464	465	523	542
South Africa	1,214	1,160	1,213	1,308	1,150	1,121	1,817	2,409	2,756	2,934	3,158	2,885	3,241	3,747	4,182	4,043
Tunisia	11	12	12	11	10	11	13	13	13	13	15	16	16	16	16	16
Zimbabwe	899	587	633	842	426	462	285	684	687	196	397	344	455	575	785	739
Asia																
Bangladesh	822	882	961	1,033	1,049	1,097	1,215	1,323	1,366	1,441	1,710	1,973	2,244	2,571	2,827	2,898
China	28,924	33,493	36,786	39,651	45,831	50,772	55,679	64,374	75,582	85,825	106,816	133,625	159,194	183,951	223,003	257,557
India	9,637	10,214	11,126	11,710	12,082	12,810	14,811	16,814	19,658	21,245	26,374	29,391	31,897	40,023	45,155	44,624
Indonesia	2,865	1,447	2,146	2,503	2,399	3,091	3,963	4,528	5,083	6,431	7,377	8,087	8,829	11,768	14,469	15,011
Japan	158,514	150,454	173,999	169,925	150,044	145,588	153,670	163,111	157,894	149,153	145,286	162,329	175,787	186,443	199,338	202,816
Malaysia	201	154	163	429	481	520	559	601	772	889	1,129	1,378	1,471	1,764	2,028	2,143
Pakistan	1,578	1,654	1,695	2,096	2,001	2,318	2,599	2,840	3,238	3,791	4,376	4,642	5,309	6,048	7,287	7,949
Philippines	2,131	1,693	2,355	2,355	2,288	2,496	2,603	2,805	2,997	3,405	4,180	4,566	4,647	5,432	6,200	6,674
Singapore	2,785	2,489	2,477	2,745	2,904	3,107	3,227	3,545	3,712	4,106	4,647	5,288	5,379	6,842	8,282	8,771
South Korea	24,858	17,239	21,401	24,334	24,231	27,917	32,901	37,790	45,407	53,453	59,784	55,307	49,179	56,184	61,438	61,950
Sri Lanka	96	63	72	57	59	73	47	42	48	20	17	29	103	157	181	180
Taiwan	11,560	10,831	12,128	13,318	13,533	14,122	15,436	15,958	17,034	17,605	18,221	19,123	18,714	19,861	21,717	22,249
Thailand	5,531	4,653	5,195	5,071	4,717	4,998	5,487	6,505	7,191	8,423	10,128	11,170	11,404	12,943	14,779	15,791
Vietnam	965	995	1,004	1,048	1,103	1,183	1,380	1,482	1,699	1,921	2,163	2,347	2,507	2,699	3,254	3,710

Appendix table 6-5

Value added of education services, by region/country/economy: 1997–2012

(Millions of current dollars)

Region/country/economy	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Australia/Oceania																
Australia	18,727	16,971	17,950	17,256	16,186	18,265	22,978	28,224	31,416	33,157	40,136	44,228	41,597	48,523	62,937	64,859
New Zealand	2,588	2,249	2,372	2,128	2,022	2,391	3,266	4,039	4,524	4,465	5,267	5,176	4,680	5,737	6,824	7,111

EU = European Union.

NOTES: Value added is 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/economies in each region.

SOURCE: IHS Global Insight, special tabulations (2013) of the World Industry Service database.

Science and Engineering Indicators 2014