

Appendix table 6-12

Value added of telecommunications 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	734,419	749,680	778,238	816,015	833,011	877,623	964,439	1,083,334	1,147,285	1,204,453	1,341,421	1,449,194	1,407,700	1,468,085	1,602,888	1,625,780
North America																
Canada	16,763	16,307	17,100	18,197	18,345	18,999	22,522	25,786	29,216	32,685	35,582	39,416	36,464	40,682	43,828	44,132
Mexico	6,606	7,547	9,210	11,047	12,875	13,060	12,802	14,621	17,863	20,718	24,629	24,985	22,174	25,488	26,807	28,294
United States	281,303	299,891	315,003	343,955	353,644	360,479	361,809	387,933	413,598	422,742	453,124	462,967	438,498	437,073	459,995	469,482
Central and South America																
Argentina	6,955	7,950	7,901	7,792	7,554	2,275	2,968	3,867	4,935	6,345	7,493	9,238	8,919	10,513	11,966	12,276
Bolivia	184	222	221	195	189	171	167	188	193	204	204	232	261	275	298	323
Brazil	10,824	10,913	7,359	8,538	12,534	11,424	12,560	15,553	19,690	22,972	28,428	33,766	32,998	37,016	50,578	46,718
Chile	1,530	1,651	1,601	1,452	1,271	1,302	1,687	2,016	2,348	2,751	3,116	3,289	3,380	4,254	4,622	4,898
Colombia	2,667	2,805	2,252	2,111	2,348	2,374	2,247	2,692	3,270	3,666	4,812	5,276	5,448	6,473	7,216	7,852
Costa Rica	544	562	574	636	655	722	789	849	919	1,060	1,231	1,411	1,363	1,731	1,958	2,129
Ecuador	262	358	269	307	636	772	921	1,009	1,276	1,404	1,464	1,066	1,199	1,222	1,377	1,495
Honduras	190	223	241	285	306	294	324	332	313	333	376	428	500	550	620	674
Jamaica	322	357	360	360	403	521	465	476	530	571	612	621	534	549	564	552
Panama	283	304	345	366	385	376	347	365	397	443	510	602	659	762	825	968
Peru	1,295	1,211	1,153	1,179	1,116	1,122	1,199	1,342	1,448	1,797	2,365	2,846	3,183	3,865	4,391	4,967
Uruguay	552	603	632	623	574	371	324	356	460	510	583	732	708	891	1,034	1,111
Venezuela	1,974	2,517	3,116	3,361	3,617	2,867	2,539	2,863	3,661	5,364	7,216	9,366	11,838	7,600	10,514	12,346
Europe																
EU	177,875	188,877	188,207	172,330	177,021	205,007	249,547	287,770	286,489	295,403	329,481	345,229	312,952	299,366	306,359	288,953
Austria	4,475	4,420	4,231	3,449	3,826	4,154	5,189	5,330	5,490	5,627	6,114	6,486	5,947	5,674	5,800	5,350
Belgium	5,508	5,828	5,939	5,247	5,304	6,006	7,535	8,986	9,112	9,393	10,263	11,074	10,502	10,141	10,450	9,747
Bulgaria	317	421	482	522	618	729	953	1,154	1,189	1,206	1,584	1,850	1,650	1,496	1,652	1,513
Czech Republic	1,357	1,577	1,455	1,481	1,729	2,235	2,738	2,983	3,281	3,774	4,449	5,379	4,668	4,438	4,548	4,003
Denmark	3,425	3,476	3,556	3,021	3,060	3,291	4,353	4,814	4,992	5,088	5,567	6,030	5,557	5,009	5,169	5,020
Finland	2,224	2,539	2,927	2,794	3,111	3,673	4,217	4,735	3,774	3,716	4,277	4,575	4,509	4,232	4,370	4,213
France	27,074	27,429	27,874	22,858	23,524	28,503	34,991	40,889	40,834	41,610	46,665	50,546	47,478	45,215	44,982	42,256
Germany	43,458	44,326	39,080	33,239	32,785	37,989	47,664	55,867	49,726	53,118	55,070	57,061	52,589	46,651	48,787	46,302
Greece	3,037	3,141	3,763	3,128	3,378	4,825	5,484	6,223	6,769	7,094	8,161	8,786	8,098	7,608	7,292	6,315
Hungary	1,445	1,557	1,696	1,485	1,659	2,064	2,536	3,004	3,222	3,117	3,674	4,168	3,299	3,072	3,267	3,040
Ireland	1,178	1,213	1,470	2,034	1,516	2,381	3,615	3,540	4,040	3,612	4,180	4,292	3,986	3,931	4,276	4,087
Italy	19,408	20,697	21,825	19,514	22,221	25,608	30,994	35,743	36,831	36,823	40,106	41,602	37,999	36,076	38,246	34,855
Netherlands	7,298	7,987	8,031	7,739	8,271	10,273	13,661	15,208	15,435	15,489	17,117	17,336	15,478	14,430	15,223	13,871
Poland	2,676	3,112	2,968	3,068	4,235	5,169	5,461	7,005	7,461	7,490	8,279	10,313	9,470	10,366	9,919	9,516
Portugal	2,858	2,811	3,077	2,839	3,119	3,480	4,249	4,814	4,934	5,021	5,699	5,980	6,435	6,171	6,171	5,379
Romania	1,043	1,236	1,144	1,189	1,145	996	1,233	1,806	2,434	3,487	5,861	7,503	5,550	5,413	6,063	6,990
Slovakia	528	587	500	499	544	643	861	1,036	1,215	1,297	1,613	1,972	1,927	1,532	1,529	1,534
Spain	13,577	14,429	14,294	12,942	13,270	15,286	19,482	22,726	23,663	24,961	28,456	31,086	28,992	26,503	25,614	22,326
Sweden	4,946	5,084	5,080	4,846	4,384	4,895	6,058	6,402	6,296	6,577	7,212	7,539	6,384	7,119	8,459	8,165
United Kingdom	32,043	37,009	38,815	40,437	39,323	42,807	48,274	55,507	55,789	56,905	65,133	61,650	52,434	54,289	54,545	54,471

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Value added of telecommunications 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	3,047	2,967	3,081	2,528	2,783	3,510	4,205	4,568	4,936	5,035	5,443	5,070	5,238	5,307	5,292	5,320
Russia	9,455	5,607	3,486	4,358	5,140	6,454	8,380	14,251	16,827	20,120	27,363	32,735	28,093	28,376	31,148	31,942
Switzerland	5,170	5,401	5,112	4,492	4,588	6,842	8,050	8,979	9,051	8,984	9,581	11,030	10,831	11,572	14,301	13,582
Ukraine	1,392	1,138	820	801	1,009	1,139	1,451	2,254	2,785	3,122	3,703	4,423	3,152	3,168	3,247	3,365
Middle East																
Bahrain	234	267	272	293	311	345	364	409	437	513	574	664	730	794	898	945
Iran	348	320	260	644	809	1,004	1,313	1,561	2,053	2,590	3,217	4,084	4,404	4,663	5,890	4,728
Israel	4,300	4,372	4,221	4,711	4,576	4,068	4,473	4,723	4,820	4,849	5,563	6,984	6,725	7,379	8,114	8,029
Jordan	271	320	351	402	506	506	530	622	622	726	769	914	1,008	1,144	1,172	1,254
Kuwait	550	594	670	754	837	815	1,124	1,490	1,766	2,796	3,528	4,087	3,990	4,569	4,163	4,365
Qatar	207	241	264	293	353	411	405	583	845	1,071	1,353	2,298	2,651	2,977	3,550	3,913
Saudi Arabia	3,632	3,730	3,880	4,048	4,251	4,442	4,622	4,962	5,346	5,754	6,390	7,338	8,220	8,953	10,015	10,652
Turkey	15,034	15,477	14,971	16,948	13,536	16,896	21,877	27,769	34,578	37,950	47,015	54,193	44,127	50,120	53,609	52,673
United Arab Emirates	1,701	1,896	2,166	2,450	4,155	4,863	5,359	6,583	7,414	8,805	10,808	12,615	13,521	13,182	14,326	15,067
Africa																
Cameroon	284	274	275	266	296	340	215	210	223	227	275	317	318	344	356	349
Egypt	3,771	3,687	3,963	3,783	4,047	3,963	3,632	3,925	5,353	5,449	7,103	8,874	9,707	10,412	11,026	11,607
Kenya	231	212	157	165	274	357	376	388	473	606	733	793	799	833	838	980
Morocco	1,216	1,287	1,326	1,181	1,275	1,414	1,438	1,730	1,911	2,084	2,646	2,934	3,052	3,061	3,319	3,298
Nigeria	73	81	22	24	78	100	125	194	340	1,346	997	1,418	1,867	2,981	4,479	6,436
Senegal	131	139	147	145	183	206	297	409	497	624	767	927	846	814	948	968
South Africa	4,058	4,053	4,202	4,451	4,123	3,681	6,171	7,769	8,648	8,396	8,185	6,962	6,967	8,734	9,578	9,059
Tunisia	1,102	1,159	1,213	1,175	1,264	1,293	1,531	1,841	2,007	2,120	2,422	2,879	2,948	3,016	3,251	3,252
Zimbabwe	318	294	296	348	492	540	309	191	100	62	142	303	445	379	566	535
Asia																
Bangladesh	312	314	317	316	374	436	476	536	666	793	1,001	1,215	1,471	1,643	1,763	1,777
China	17,975	18,912	20,299	28,038	32,828	36,984	42,849	53,630	62,209	73,511	91,301	116,578	126,793	143,389	173,385	198,592
India	5,618	5,973	6,075	6,502	7,422	7,114	8,876	10,875	12,253	12,955	15,979	17,338	18,559	21,492	23,445	23,091
Indonesia	3,881	1,520	2,059	2,168	2,019	3,421	4,591	6,039	7,257	9,690	12,503	14,532	16,442	22,645	26,996	28,007
Japan	91,121	84,576	95,229	101,390	91,413	89,605	96,187	100,042	96,008	89,433	85,910	99,681	111,550	120,214	132,281	129,694
Malaysia	3,129	2,323	2,505	2,686	2,639	2,939	3,239	3,425	3,985	4,947	5,508	6,027	6,712	7,998	9,129	9,559
Pakistan	1,086	1,149	1,148	1,189	1,318	1,446	1,680	1,845	2,031	2,398	2,652	2,612	3,092	3,423	3,951	4,155
Philippines	1,338	1,356	1,754	1,938	2,128	2,543	2,912	3,339	3,880	4,418	5,300	5,887	5,802	6,433	6,955	7,670
Singapore	6,223	5,500	5,925	6,403	6,094	6,035	6,923	8,273	4,908	5,344	6,264	6,963	6,743	7,857	8,291	8,538
South Korea	9,574	6,987	9,319	10,895	12,412	14,184	15,509	15,751	18,582	19,892	20,477	17,153	14,523	17,228	21,347	20,897
Sri Lanka	819	861	889	915	926	948	1,085	1,238	1,493	1,730	2,095	2,777	3,049	3,692	4,315	4,174
Taiwan	7,461	7,664	8,598	10,230	9,797	9,589	9,829	10,247	10,682	10,395	10,562	11,115	10,660	11,552	12,393	12,577
Thailand	2,638	2,062	2,437	2,439	2,417	2,643	2,810	3,181	3,299	3,835	4,685	4,928	5,040	5,679	5,995	6,478
Vietnam	554	553	582	638	688	720	832	1,007	1,205	1,429	1,656	2,123	2,275	2,454	2,621	2,938

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Value added of telecommunications 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	13,700	12,209	12,586	11,645	10,589	11,814	14,733	17,578	17,910	18,366	21,999	22,962	30,820	37,076	42,627	43,814
New Zealand	2,333	1,903	1,816	1,626	1,585	1,876	2,445	2,897	3,275	3,115	3,728	3,987	3,455	4,223	4,355	4,331

EU = European Union.

NOTES: 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/economies in each region.

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

Science and Engineering Indicators 2014