

■ Argentina

	1992	1993	1994	1995	1996	1997	1998	1999
SPENDING (US\$M)								
ITHardware	\$ 445	\$ 684	\$ 890	\$ 963	\$ 1,067	\$ 1,338	\$ 1,744	\$ 1,559
Software	\$ 67	\$ 124	\$ 172	\$ 233	\$ 306	\$ 394	\$ 409	\$ 419
ITServices	\$ 460	\$ 559	\$ 640	\$ 547	\$ 601	\$ 667	\$ 857	\$ 1,004
Internal	\$ 569	\$ 584	\$ 587	\$ 593	\$ 603	\$ 615	\$ 614	\$ 685
Other Office Equipment	\$ 47	\$ 71	\$ 97	\$ 111	\$ 97	\$ 121	\$ 158	\$ 141
Total IT	\$ 1,588	\$ 2,022	\$ 2,387	\$ 2,446	\$ 2,673	\$ 3,135	\$ 3,781	\$ 3,807
Telecommunications	\$ 3,934	\$ 4,700	\$ 5,607	\$ 6,968	\$ 6,740	\$ 6,836	\$ 6,863	\$ 6,961
Total ICT	\$ 5,523	\$ 6,72	\$ 7,994	\$ 9,414	\$ 9,413	\$ 9,971	\$ 10,644	\$ 10,767
Economic Ratios								
ICT/GDP	2.4%	2.6%	2.8%	3.4%	3.2%	3.1%	3.3%	3.4%
ICT/Capita	\$ 165.3	\$ 198.5	\$ 232.9	\$ 270.7	\$ 267.3	\$ 279.5	\$ 294.7	\$ 294.3
Software/Hardware Spending	15.0%	18.2%	19.4%	24.2%	28.7%	29.4%	23.5%	26.9%
IT Variables								
PCs Installed in Education	36,731	41,324	46,492	52,305	58,846	68,811	83,124	88,939
PCs Installed in Homes	93,214	125,181	168,110	225,76	303,185	412,540	526,030	688,862
PCs Installed in Business & Government	675,850	760,36	855,447	962,420	1,082,769	1,266,122	1,529,483	1,775,101
Total PCs Installed	805,795	926,869	1,070,04	91,240,487	1,444,801	1,747,473	2,138,637	2,552,902
Percent of PCs Networked	8.4%	11.3%	12.5%	16.2%	36.5%	48.1%	53.5%	57.8%
Telephone lines/HH	38.0%	40.0%	47.0%	54.0%	57.0%	60.0%	62.7%	65.6%

■ Australia

	1992	1993	1994	1995	1996	1997	1998	1999
SPENDING (US\$M)								
ITHardware	\$ 2,749	\$ 3,792	\$ 4,756	\$ 5,019	\$ 5,486	\$ 5,773	\$ 5,639	\$ 6,523
Software	\$ 891	\$ 1,123	\$ 1,336	\$ 1,456	\$ 1,764	\$ 2,021	\$ 1,996	\$ 2,285
ITServices	\$ 1,933	\$ 2,386	\$ 2,667	\$ 2,624	\$ 3,068	\$ 3,818	\$ 4,312	\$ 5,018
Internal	\$ 5,127	\$ 4,830	\$ 4,778	\$ 4,644	\$ 4,573	\$ 4,471	\$ 4,619	\$ 4,767
Other Office Equipment	\$ 292	\$ 395	\$ 520	\$ 530	\$ 497	\$ 522	\$ 510	\$ 590
Total IT	\$10,992	\$ 12,525	\$ 14,056	\$ 14,273	\$ 15,388	\$ 16,603	\$ 17,075	\$ 19,182
Telecommunications	\$10,420	\$ 10,208	\$ 12,036	\$ 13,271	\$ 15,427	\$ 16,854	\$ 16,905	\$ 17,573
Total ICT	\$21,412	\$ 22,733	\$ 26,092	\$ 27,545	\$ 30,814	\$ 33,457	\$ 33,980	\$ 36,755
Economic Ratios								
ICT/GDP	7.2%	8.0%	8.0%	7.9%	7.9%	8.2%	8.5%	8.9%
ICT/Capita	\$1,224.1	\$ 1,287.1	\$ 1,461.3	\$1,524.2	\$ 1,682.8	\$ 1,805.4	\$ 1,816.3	\$ 1,946.0
Software/Hardware Spending	32.4%	29.6%	28.1%	29.0%	32.2%	35.0%	35.4%	35.0%
IT Variables								
PCs Installed in Education	166,978	189,312	221,505	187,584	222,115	257,231	476,291	521,541
PCs Installed in Homes	520,466	606,511	708,278	1,975,000	2,236,946	2,555,534	2,916,780	3,298,816
PCs Installed in Business & Government	2,530,875	2,869,390	3,357,346	2,843,206	3,366,584	3,898,845	4,302,346	5,421,308
Total PCs Installed	3,218,318	3,665,212	4,287,129	5,005,790	5,825,645	6,711,610	7,695,418	9,241,665
Percent of PCs Networked	33.0%	37.5%	42.2%	44.6%	36.4%	39.5%	41.1%	41.9%
Telephone lines/HH	94.0%	95.0%	97.0%	93.0%	96.0%	97.0%	97.3%	97.4%

■ Austria

	1992	1993	1994	1995	1996	1997	1998	1999
SPENDING (US\$M)								
ITHardware	\$ 1,316	\$ 1,263	\$ 1,388	\$ 1,943	\$ 1,904	\$ 1,889	\$ 2,070	\$ 2,145
Software	\$ 472	\$ 496	\$ 587	\$ 785	\$ 735	\$ 704	\$ 934	\$ 1,004
ITServices	\$ 1,214	\$ 1,256	\$ 1,299	\$ 1,559	\$ 1,573	\$ 1,494	\$ 1,981	\$ 2,193
Internal	\$ 2,195	\$ 2,221	\$ 2,235	\$ 2,251	\$ 2,268	\$ 2,276	\$ 2,519	\$ 2,418
Other Office Equipment	\$ 183	\$ 167	\$ 202	\$ 219	\$ 207	\$ 212	\$ 232	\$ 240
Total IT	\$ 5,380	\$ 5,402	\$ 5,712	\$ 6,757	\$ 6,687	\$ 6,575	\$ 7,737	\$ 8,001
Telecommunications	\$ 3,925	\$ 4,034	\$ 3,308	\$ 4,049	\$ 4,218	\$ 4,073	\$ 4,234	\$ 4,396
Total ICT	\$ 9,305	\$ 9,437	\$ 9,020	\$ 10,806	\$ 10,905	\$ 10,648	\$ 11,971	\$ 12,396
Economic Ratios								
ICT/GDP	5.0%	5.2%	4.6%	4.7%	4.8%	4.6%	4.7%	4.8%
ICT/Capita	\$ 1,178.9	\$ 1,180.9	\$ 1,123.3	\$ 1,342.9	\$ 1,353.1	\$ 1,319.3	\$ 1,470.6	\$ 1,510.0
Software/Hardware Spending	35.9%	39.3%	42.2%	40.4%	38.6%	37.2%	45.1%	46.8%
IT Variables								
PCs Installed in Education	48,612	52,731	57,200	62,047	67,306	69,114	84,000	107,000
PCs Installed in Homes	291,696	367,176	462,188	581,784	732,328	795,341	897,000	990,000
PCs Installed in Business & Government	245,130	314,749	404,141	518,921	666,300	763,779	830,000	838,000
Total PCs Installed	585,438	734,657	923,528	1,162,752	1,465,933	1,628,233	1,811,000	1,935,000
Percent of PCs Networked	25.7%	29.3%	36.7%	26.4%	30.2%	31.5%	33.8%	35.4%
Telephone lines/HH	89.0%	90.0%	90.0%	91.0%	91.0%	90.0%	90.2%	90.2%

■ Belgium

	1992	1993	1994	1995	1996	1997	1998	1999
SPENDING (US\$M)								
ITHardware	\$ 1,791	\$ 1,477	\$ 1,682	\$ 2,208	\$ 2,400	\$ 2,435	\$ 2,755	\$ 2,912
Software	\$ 1,100	\$ 1,063	\$ 1,164	\$ 1,459	\$ 1,349	\$ 1,315	\$ 1,710	\$ 1,837
ITServices	\$ 1,620	\$ 1,638	\$ 1,689	\$ 1,840	\$ 1,970	\$ 1,871	\$ 2,552	\$ 2,833
Internal	\$ 3,141	\$ 3,248	\$ 3,269	\$ 3,276	\$ 3,259	\$ 3,279	\$ 3,472	\$ 3,476
Other Office Equipment	\$ 304	\$ 274	\$ 350	\$ 378	\$ 353	\$ 365	\$ 413	\$ 437
Total IT	\$ 7,956	\$ 7,700	\$ 8,153	\$ 9,160	\$ 9,331	\$ 9,266	\$ 10,902	\$ 11,494
Telecommunications	\$ 4,156	\$ 4,167	\$ 4,468	\$ 5,597	\$ 6,038	\$ 5,759	\$ 5,883	\$ 6,159
Total ICT	\$ 12,111	\$ 11,866	\$ 12,621	\$ 14,757	\$ 15,370	\$ 15,024	\$ 16,785	\$ 17,652
Economic Ratios								
ICT/GDP	5.5%	5.6%	5.5%	5.5%	5.8%	5.5%	5.7%	5.9%
ICT/Capita	\$ 1,205.1	\$ 1,177.2	\$ 1,250.8	\$ 1,455.3	\$ 1,512.9	\$ 1,474.7	\$ 1,655.2	\$ 1,748.8
Software/Hardware Spending	61.4%	72.0%	69.2%	66.1%	56.2%	4.0%	62.1%	63.1%
IT Variables								
PCs Installed in Education	72,037	78,142	84,764	91,947	99,739	102,419	118,000	143,000
PCs Installed in Homes	276,684	348,279	438,401	551,842	694,638	754,408	935,000	1,059,000
PCs Installed in Business & Government	251,106	322,423	413,994	531,572	682,544	782,399	857,000	953,000
Total PCs Installed	599,827	748,844	937,158	1,175,362	1,476,921	1,639,226	1,910,000	2,155,000
Percent of PCs Networked	31.6%	33.8%	48.4%	40.6%	48.4%	57.8%	61.3%	63.7%
Telephone lines/HH	84.0%	85.0%	86.0%	88.0%	90.0%	90.0%	91.0%	91.6%

■ Brazil

	1992	1993	1994	1995	1996	1997	1998	1999
SPENDING (US\$M)								
ITHardware	\$ 2,192	\$ 2,505	\$ 2,895	\$ 2,891	\$ 5,044	\$ 5,991	\$ 6,549	\$ 5,782
Software	\$ 743	\$ 467	\$ 647	\$ 856	\$ 1,084	\$ 1,389	\$ 1,569	\$ 1,635
ITServices	\$ 1,630	\$ 1,989	\$ 2,243	\$ 2,460	\$ 2,779	\$ 3,168	\$ 4,240	\$ 4,349
Internal	\$ 2,391	\$ 2,375	\$ 2,448	\$ 2,585	\$ 2,680	\$ 2,698	\$ 3,181	\$ 3,380
Other Office Equipment	\$ 233	\$ 261	\$ 316	\$ 394	\$ 457	\$ 542	\$ 592	\$ 523
Total IT	\$ 7,190	\$ 7,597	\$ 8,549	\$ 9,186	\$ 12,044	\$ 13,787	\$ 16,131	\$ 15,668
Telecommunications	\$ 6,154	\$ 7,891	\$ 5,984	\$ 9,696	\$ 13,924	\$ 20,109	\$ 22,601	\$ 30,339
Total ICT	\$13,343	\$ 15,487	\$ 14,533	\$18,882	\$ 25,968	\$ 33,896	\$ 38,732	\$ 46,007
Economic Ratios								
ICT/GDP	3.5%	3.5%	2.6%	2.7%	3.5%	4.2%	4.9%	5.8%
ICT/Capita	\$ 89.3	\$ 102.2	\$ 94.5	\$ 121.2	\$ 164.5	\$ 212.0	\$ 233.5	\$ 267.4
Software/Hardware Spending	33.9%	18.6%	22.3%	29.6%	21.5%	23.2%	23.9%	28.3%
IT Variables								
PCs Installed in Education	35,040	35,271	15,933	189,676	241,199	293,452	356,937	416,495
PCs Installed in Homes	107,221	178,462	297,036	494,395	822,885	1,323,772	1,784,248	2,144,836
PCs Installed in Business & Government	1,158,137	1,482,018	1,913,508	2,263,873	2,878,826	3,502,488	4,260,216	5,151,217
Total PCs Installed	1,300,398	1,695,750	2,226,477	2,947,945	3,942,910	5,119,712	6,401,402	7,712,548
Percent of PCs Networked	32.1%	34.2%	33.5%	39.3%	47.3%	54.2%	60.4%	65.4%
Telephone lines/HH	20.0%	20.0%	21.0%	22.0%	25.0%	28.0%	29.6%	31.6%

■ Bulgaria

	1992	1993	1994	1995	1996	1997	1998	1999
SPENDING (US\$M)								
ITHardware	\$ 95	\$ 99	\$ 118	\$ 117	\$ 81	\$ 82	\$ 105	\$ 111
Software	\$ 7	\$ 8	\$ 9	\$ 8	\$ 11	\$ 13	\$ 16	\$ 21
ITServices	\$ 9	\$ 10	\$ 11	\$ 8	\$ 9	\$ 14	\$ 18	\$ 23
Internal	\$ 19	\$ 20	\$ 21	\$ 23	\$ 26	\$ 24	\$ 35	\$ 41
Other Office Equipment	\$ 9	\$ 10	\$ 10	\$ 11	\$ 12	\$ 12	\$ 15	\$ 16
Total IT	\$ 139	\$ 145	\$ 170	\$ 168	\$ 139	\$ 145	\$ 189	\$ 212
Telecommunications	\$ 83	\$ 96	\$ 109	\$ 136	\$ 128	\$ 156	\$ 192	\$ 235
Total ICT	\$ 222	\$ 241	\$ 279	\$ 304	\$ 267	\$ 301	\$ 381	\$ 447
Economic Ratios								
ICT/GDP	2.1%	2.2%	2.9%	2.4%	2.8%	0.3%	1.5%	1.8%
ICT/Capita	\$ 26.0	\$ 28.5	\$ 33.1	\$ 36.1	\$ 31.9	\$ 36.3	\$ 45.7	\$ 53.4
Software/Hardware Spending	7.5%	7.8%	8.0%	7.2%	14.0%	15.5%	15.6%	18.7%
IT Variables								
PCs Installed in Education	11,543	12,161	12,813	13,499	16,699	17,129	18,448	19,569
PCs Installed in Homes	5,415	6,511	7,830	9,416	11,323	13,305	15,069	18,356
PCs Installed in Business & Government	128,533	135,419	142,674	150,317	155,893	159,909	172,223	182,683
Total PCs Installed	145,491	154,091	163,316	173,232	183,915	190,343	205,740	220,608
Percent of PCs Networked	15.3%	27.0%	30.6%	34.7%	30.0%	34.5%	39.9%	44.2%
Telephone lines/HH	66.1%	66.9%	68.6%	77.0%	81.0%	82.0%	85.0%	85.5%

■ Canada

SPENDING (US\$M)	1992	1993	1994	1995	1996	1997	1998	1999
ITHardware	\$ 5,845	\$ 5,311	\$ 5,674	\$ 6,763	\$ 7,508	\$ 8,206	\$ 9,070	\$ 9,914
Software	\$ 1,869	\$ 2,055	\$ 2,196	\$ 2,484	\$ 3,080	\$ 3,433	\$ 4,109	\$ 4,782
ITServices	\$ 6,371	\$ 6,821	\$ 7,267	\$ 7,411	\$ 7,743	\$ 8,637	\$ 9,538	\$ 10,397
Internal	\$10,404	\$ 10,383	\$ 10,195	\$ 9,989	\$ 9,871	\$ 9,792	\$ 10,023	\$ 10,124
Other Office Equipment	\$ 622	\$ 553	\$ 620	\$ 603	\$ 680	\$ 742	\$ 820	\$ 896
Total IT	\$ 25,111	\$ 25,123	\$ 25,952	\$ 27,250	\$ 28,883	\$ 30,810	\$ 33,560	\$ 36,113
Telecommunications	\$13,537	\$ 12,785	\$ 13,584	\$ 13,916	\$ 15,177	\$ 16,648	\$ 17,279	\$ 19,232
Total ICT	\$38,648	\$37,908	\$ 39,536	\$ 41,166	\$ 44,060	\$ 47,459	\$ 50,838	\$ 55,345
Economic Ratios								
ICT/GDP	6.8%	6.9%	7.3%	7.4%	7.6%	7.8%	8.1%	8.5%
ICT/Capita	\$1,374.3	\$ 1,309.6	\$ 1,361.6	\$1,402.4	\$ 1,484.9	\$ 1,581.7	\$ 1,677.8	\$ 1,808.7
Software/Hardware Spending	32.0%	38.7%	38.7%	36.7%	41.0%	41.8%	45.3%	48.2%
IT Variables								
PCs Installed in Education	238,635	275,710	318,545	291,867	394,677	504,373	574,546	652,552
PCs Installed in Homes	2,289,559	2,668,521	3,110,207	3,625,000	4,225,000	4,770,000	5,330,000	6,300,000
PCs Installed in Business & Government	2,022,626	2,297,666	2,610,106	2,965,033	3,368,223	3,858,927	4,509,854	5,285,748
Total PCs Installed	4,550,821	5,241,897	6,038,859	6,881,900	7,987,900	9,133,300	10,414,400	12,238,300
Percent of PCs Networked	39.0%	43.9%	51.7%	58.2%	61.9%	63.1%	64.6%	65.4%
Telephone lines/HH	98.7%	98.9%	99.0%	98.5%	98.7%	98.4%	98.9%	99.3%

■ Chile

SPENDING (US\$M)	1992	1993	1994	1995	1996	1997	1998	1999
ITHardware	\$ 274	\$ 291	\$ 323	\$ 416	\$ 460	\$ 544	\$ 571	\$ 578
Software	\$ 52	\$ 70	\$ 79	\$ 81	\$ 92	\$ 115	\$ 134	\$ 131
ITServices	\$ 191	\$ 220	\$ 247	\$ 234	\$ 259	\$ 294	\$ 315	\$ 369
Internal	\$ 379	\$ 397	\$ 416	\$ 424	\$ 434	\$ 432	\$ 453	\$ 486
Other Office Equipment	\$ 29	\$ 30	\$ 35	\$ 40	\$ 42	\$ 49	\$ 52	\$ 52
Total IT	\$ 924	\$ 1,008	\$ 1,101	\$ 1,195	\$ 1,287	\$ 1,434	\$ 1,525	\$ 1,616
Telecommunications	\$ 1,035	\$ 1,311	\$ 1,356	\$ 1,525	\$ 1,856	\$ 2,271	\$ 2,577	\$ 3,208
Total ICT	\$ 1,960	\$ 2,319	\$ 2,457	\$ 2,719	\$ 3,142	\$ 3,706	\$ 4,102	\$ 4,824
Economic Ratios								
ICT/GDP	4.6%	5.1%	4.7%	4.0%	4.2%	4.5%	4.8%	5.7%
ICT/Capita	\$ 144.7	\$ 168.4	\$ 175.6	\$ 190.5	\$ 217.9	\$ 253.4	\$ 276.7	\$ 321.0
Software/Hardware Spending	19.0%	24.0%	24.6%	19.4%	19.9%	21.2%	23.5%	22.6%
IT Variables								
PCs Installed in Education	30,249	35,076	40,674	47,165	54,692	65,738	78,410	91,436
PCs Installed in Homes	20,456	34,736	58,986	100,165	170,092	232,084	266,209	322,049
PCs Installed in Business & Government	219,468	254,493	295,107	342,203	396,815	476,955	568,893	655,134
Total PCs Installed	270,173	324,305	394,767	489,534	621,600	774,778	913,511	1,068,619
Percent of PCs Networked	16.3%	22.3%	28.5%	38.0%	50.0%	57.6%	63.4%	68.1%
Telephone lines/HH	33.0%	37.0%	42.0%	47.0%	52.0%	53.0%	55.4%	57.2%

■ Colombia

SPENDING (US\$M)	1992	1993	1994	1995	1996	1997	1998	1999
ITHardware	\$ 212	\$ 300	\$ 412	\$ 577	\$ 709	\$ 740	\$ 725	\$ 727
Software	\$ 24	\$ 43	\$ 54	\$ 67	\$ 78	\$ 94	\$ 149	\$ 165
ITServices	\$ 138	\$ 192	\$ 226	\$ 203	\$ 234	\$ 270	\$ 344	\$ 397
Internal	\$ 613	\$ 614	\$ 669	\$ 721	\$ 769	\$ 812	\$ 806	\$ 825
Other Office Equipment	\$ 23	\$ 31	\$ 45	\$ 56	\$ 64	\$ 67	\$ 66	\$ 66
Total IT	\$ 1,011	\$ 1,179	\$ 1,405	\$ 1,623	\$ 1,855	\$ 1,982	\$ 2,090	\$ 2,179
Telecommunications	\$ 1,154	\$ 1,171	\$ 1,162	\$ 1,360	\$ 2,276	\$ 4,163	\$ 5,208	\$ 6,514
Total ICT	\$ 2,165	\$ 2,350	\$ 2,568	\$ 2,983	\$ 4,131	\$ 6,146	\$ 7,298	\$ 8,694
Economic Ratios								
ICT/GDP	4.4%	4.2%	3.7%	3.7%	4.8%	5.9%	7.1%	8.8%
ICT/Capita	\$ 64.8	\$ 69.2	\$ 74.4	\$ 85.0	\$ 115.9	\$ 170.0	\$ 198.8	\$ 233.4
Software/Hardware Spending	11.5%	14.2%	13.1%	11.5%	11.0%	12.7%	20.6%	22.7%
IT Variables								
PCs Installed in Education	34,602	40,935	48,427	57,290	7,776	80,313	92,468	119,867
PCs Installed in Homes	60,324	78,734	102,762	134,122	175,054	210,021	254,215	287,983
PCs Installed in Business & Government	223,184	264,032	312,355	369,522	437,153	518,021	596,418	637,148
Total PCs Installed	318,110	383,700	463,544	560,935	679,982	808,355	943,100	1,044,999
Percent of PCs Networked	23.2%	31.2%	40.8%	47.4%	50.1%	50.1%	56.9%	62.4
Telephone lines/HH	26.0%	31.0%	31.0%	30.0%	31.1%	31.1%	32.1%	32.2%

■ Czech Republic

SPENDING (US\$M)	1992	1993	1994	1995	1996	1997	1998	1999
ITHardware	\$ 425	\$ 438	\$ 512	\$ 754	\$ 793	\$ 764	\$ 706	\$ 734
Software	\$ 81	\$ 87	\$ 107	\$ 147	\$ 164	\$ 191	\$ 213	\$ 235
ITServices	\$ 265	\$ 296	\$ 347	\$ 359	\$ 487	\$ 505	\$ 543	\$ 592
Internal	\$ 445	\$ 479	\$ 507	\$ 534	\$ 561	\$ 574	\$ 577	\$ 630
Other Office Equipment	\$ 44	\$ 52	\$ 48	\$ 52	\$ 54	\$ 57	\$ 53	\$ 55
Total IT	\$ 1,259	\$ 1,353	\$ 1,520	\$ 1,846	\$ 2,058	\$ 2,091	\$ 2,091	\$ 2,245
Telecommunications	\$ 512	\$ 593	\$ 673	\$ 1,248	\$ 1,291	\$ 1,325	\$ 1,643	\$ 2,039
Total ICT	\$ 1,772	\$ 1,945	\$ 2,193	\$ 3,094	\$ 3,350	\$ 3,416	\$ 3,734	\$ 4,284
Economic Ratios								
ICT/GDP	6.3%	6.2%	6.1%	6.6%	6.1%	5.7%	7.4%	8.5%
ICT/Capita	\$ 171.7	\$ 188.3	\$ 212.0	\$ 299.4	\$ 324.7	\$ 331.6	\$ 363.2	\$ 417.4
Software/Hardware Spending	19.0%	19.9%	20.8%	19.5%	20.7%	25.0%	30.2%	31.9%
IT Variables								
PCs Installed in Education	34,577	39,961	46,183	53,374	72,427	78,786	84,524	103,075
PCs Installed in Homes	22,695	31,750	44,418	62,140	86,933	102,636	112,683	122,206
PCs Installed in Business & Government	385,026	444,977	514,262	594,334	676,132	735,497	789,068	962,241
Total PCs Installed	442,298	516,687	604,862	709,848	835,492	916,919	986,275	1,187,522
Percent of PCs Networked	23.1%	25.3%	30.0%	34.7%	30.0%	29.0%	32.6%	35.5%
Telephone lines/HH	32.0%	34.0%	36.0%	42.2%	50.0%	60.0%	70.0%	72.5%

■ Denmark

	1992	1993	1994	1995	1996	1997	1998	1999
SPENDING (US\$M)								
ITHardware	\$ 1,544	\$ 1,305	\$ 1,403	\$ 2,143	\$ 2,411	\$ 2,106	\$ 2,359	\$ 2,551
Software	\$ 484	\$ 454	\$ 510	\$ 696	\$ 669	\$ 655	\$ 1,097	\$ 1,165
ITServices	\$ 1,231	\$ 1,286	\$ 1,355	\$ 1,727	\$ 1,794	\$ 1,786	\$ 2,182	\$ 2,450
Internal	\$ 2,542	\$ 2,578	\$ 2,581	\$ 2,605	\$ 2,624	\$ 2,647	\$ 2,927	\$ 2,925
Other Office Equipment	\$ 186	\$ 174	\$ 228	\$ 245	\$ 231	\$ 237	\$ 266	\$ 287
Total IT	\$ 5,986	\$ 5,797	\$ 6,077	\$ 7,415	\$ 7,728	\$ 7,432	\$ 8,831	\$ 9,378
Telecommunications	\$ 3,044	\$ 3,088	\$ 3,156	\$ 3,831	\$ 4,080	\$ 3,874	\$ 3,974	\$ 4,145
Total ICT	\$ 9,030	\$ 8,885	\$ 9,233	\$ 11,246	\$ 11,808	\$ 11,305	\$ 12,805	\$ 13,524
Economic Ratios								
ICT/GDP	6.4%	6.6%	6.3%	6.5%	6.8%	6.2%	6.7%	6.9%
ICT/Capita	\$ 1,748.8	\$ 1,714.9	\$ 1,776.1	\$ 2,156.2	\$ 2,248.7	\$ 2,143.1	\$ 2,416.4	\$ 2,540.3
Software/Hardware Spending	31.4%	34.8%	36.4%	32.5%	27.8%	31.1%	46.5%	45.7%
IT Variables								
PCs Installed in Education	74,128	80,410	87,224	94,616	102,634	105,391	121,000	133,000
PCs Installed in Homes	333,843	420,229	528,969	665,846	838,141	910,259	1,274,000	1,432,000
PCs Installed in Business & Government	254,113	326,283	418,951	537,937	690,717	791,768	859,000	975,000
Total PCs Installed	662,084	826,922	1,035,144	1,298,399	1,631,492	1,807,418	2,254,000	2,540,000
Percent of PCs Networked	49.7%	55.7%	57.9%	48.4%	53.9%	54.5%	58.0%	60.4%
Telephone lines/HH	127.0%	130.0%	133.0%	136.0%	138.0%	140.0%	145.0%	146.3%

■ Egypt

	1992	1993	1994	1995	1996	1997	1998	1999
SPENDING (US\$M)								
ITHardware	\$ 113	\$ 116	\$ 133	\$ 156	\$ 204	\$ 261	\$ 336	\$ 347
Software	\$ 19	\$ 20	\$ 25	\$ 36	\$ 41	\$ 49	\$ 64	\$ 78
ITServices	\$ 53	\$ 59	\$ 70	\$ 65	\$ 76	\$ 91	\$ 116	\$ 152
Internal	\$ 99	\$ 103	\$ 104	\$ 108	\$ 107	\$ 104	\$ 154	\$ 198
Other Office Equipment	\$ 12	\$ 12	\$ 15	\$ 16	\$ 18	\$ 24	\$ 30	\$ 31
Total IT	\$ 296	\$ 310	\$ 346	\$ 381	\$ 447	\$ 529	\$ 700	\$ 807
Telecommunications	\$ 508	\$ 568	\$ 603	\$ 721	\$ 867	\$ 980	\$ 1,098	\$ 1,240
Total ICT	\$ 804	\$ 878	\$ 949	\$ 1,101	\$ 1,315	\$ 1,509	\$ 1,798	\$ 2,047
Economic Ratios								
ICT/GDP	1.9%	1.9%	1.8%	1.9%	1.9%	2.0%	3.1%	3.3%
ICT/Capita	\$ 14.5	\$ 15.6	\$ 16.5	\$ 18.8	\$ 21.7	\$ 23.8	\$ 27.2	\$ 29.8
Software/Hardware Spending	16.3%	17.4%	19.0%	22.7%	20.3%	18.7%	18.9%	22.4%
IT Variables								
PCs Installed in Education	7,059	7,461	7,885	8,333	10,340	10,317	16,752	27,235
PCs Installed in Homes	14,297	18,395	23,667	30,451	39,179	44,514	72,458	82,259
PCs Installed in Business & Government	78,608	83,076	87,799	92,790	96,531	96,312	156,384	254,245
Total PCs Installed	99,964	108,931	119,350	131,573	146,050	151,143	245,594	363,739
Percent of PCs Networked	22.4%	23.3%	24.0%	25.5%	27.6%	28.7%	34.0%	38.3%
Telephone lines/HH	13.0%	14.0%	15.0%	16.0%	16.0%	17.0%	17.8%	18.5%

■ Finland

	1992	1993	1994	1995	1996	1997	1998	1999
SPENDING (US\$M)								
ITHardware	\$ 1,012	\$ 702	\$ 848	\$ 1,391	\$ 1,563	\$ 1,610	\$ 1,801	\$ 1,884
Software	\$ 274	\$ 230	\$ 259	\$ 466	\$ 434	\$ 417	\$ 663	\$ 716
ITServices	\$ 773	\$ 705	\$ 716	\$ 993	\$ 1,045	\$ 1,069	\$ 1,322	\$ 1,496
Internal	\$ 1,117	\$ 1,198	\$ 1,230	\$ 1,233	\$ 1,243	\$ 1,237	\$ 1,395	\$ 1,479
Other Office Equipment	\$ 130	\$ 99	\$ 174	\$ 158	\$ 123	\$ 136	\$ 152	\$ 159
Total IT	\$ 3,306	\$ 2,934	\$ 3,228	\$ 4,241	\$ 4,409	\$ 4,470	\$ 5,333	\$ 5,734
Telecommunications	\$ 1,720	\$ 1,431	\$ 2,273	\$ 2,926	\$ 3,062	\$ 2,925	\$ 2,960	\$ 3,059
Total ICT	\$ 5,026	\$ 4,365	\$ 5,501	\$ 7,167	\$ 7,471	\$ 7,395	\$ 8,293	\$ 8,793
Economic Ratios								
ICT/GDP	4.7%	5.2%	5.6%	5.7%	6.0%	5.6%	5.7%	5.9%
ICT/Capita	\$ 994.3	\$ 859.5	\$ 1,078.8	\$ 1,384.4	\$ 1,455.7	\$ 1,436.7	\$ 1,609.0	\$ 1,703.7
Software/Hardware Spending	27.0%	32.8%	30.6%	33.5%	27.8%	25.9%	36.8%	38.0%
IT Variables								
PCs Installed in Education	72,025	78,129	84,750	91,932	99,723	102,402	137,000	166,000
PCs Installed in Homes	283,705	357,118	449,526	565,846	712,266	773,552	875,000	966,000
PCs Installed in Business & Government	191,340	245,683	315,459	405,053	520,092	596,181	655,000	738,000
Total PCs Installed	547,071	680,929	849,735	1,062,831	1,332,081	1,472,135	1,667,000	1,870,000
Percent of PCs Networked	76.7%	79.7%	82.4%	59.5%	59.4%	57.5%	61.1%	63.6%
Telephone lines/HH	93.0%	95.0%	94.0%	91.0%	96.0%	96.3%	96.6%	96.7%

■ France

	1992	1993	1994	1995	1996	1997	1998	1999
SPENDING (US\$M)								
ITHardware	\$ 10,722	\$ 9,525	\$ 9,435	\$ 11,604	\$ 11,908	\$ 11,836	\$ 13,215	\$ 14,192
Software	\$ 3,664	\$ 3,579	\$ 3,910	\$ 5,962	\$ 5,830	\$ 5,645	\$ 7,177	\$ 7,615
ITServices	\$ 11,847	\$ 11,872	\$ 12,097	\$ 15,656	\$ 16,319	\$ 15,943	\$ 18,238	\$ 20,535
Internal	\$ 22,081	\$ 22,899	\$ 23,138	\$ 23,766	\$ 24,128	\$ 24,369	\$ 26,509	\$ 24,996
Other Office Equipment	\$ 1,804	\$ 1,562	\$ 2,010	\$ 2,147	\$ 1,989	\$ 2,065	\$ 2,306	\$ 2,476
Total IT	\$ 50,117	\$ 49,438	\$ 50,590	\$ 59,135	\$ 60,174	\$ 59,859	\$ 67,445	\$ 69,815
Telecommunications	\$ 26,681	\$ 26,532	\$ 26,261	\$ 31,526	\$ 32,720	\$ 31,215	\$ 32,070	\$ 33,169
Total ICT	\$ 76,798	\$ 75,970	\$ 76,851	\$ 90,660	\$ 92,894	\$ 91,074	\$ 99,515	\$ 102,984
Economic Ratios								
ICT/GDP	5.8%	6.1%	5.8%	5.9%	6.0%	5.7%	5.9%	6.0%
ICT/Capita	\$ 1,338.6	\$ 1,317.7	\$ 1,327.3	\$ 1,559.4	\$ 1,591.3	\$ 1,542.9	\$ 1,667.4	\$ 1,706.6
Software/Hardware Spending	34.2%	37.6%	41.4%	51.4%	49.0%	47.7%	54.3%	53.7%
IT Variables								
Installed in Education	292,912	317,735	344,662	373,871	405,555	416,450	467,000	562,000
PCs Installed in Home	1,895,309	2,385,743	3,003,083	3,780,166	4,758,329	5,167,759	6,065,000	7,246,000
PCs Installed in Business & Government	1,599,813	2,054,176	2,637,582	3,386,682	4,348,533	4,984,718	5,521,000	5,767,000
Total PCs Installed	3,788,035	4,757,654	5,985,327	7,540,719	9,512,417	10,568,927	12,053,000	13,575,000
Percent of PCs Networked	37.2%	39.2%	45.4%	34.8%	37.6%	42.3%	44.9%	46.8%
Telephone lines/HH	95.3%	95.7%	96.4%	96.7%	97.0%	98.0%	98.0%	98.2%

Germany

SPENDING (US\$M)	1992	1993	1994	1995	1996	1997	1998	1999
ITHardware	\$ 14,772	\$ 13,773	\$ 14,896	\$ 18,811	\$ 19,619	\$ 19,547	\$ 22,006	\$23,971
Software	\$ 5,584	\$ 5,681	\$ 6,739	\$ 8,948	\$ 8,419	\$ 8,215	\$ 11,535	\$12,600
ITServices	\$ 14,598	\$ 14,656	\$ 15,134	\$ 16,413	\$ 16,977	\$ 15,900	\$ 20,684	\$23,429
Internal	\$ 24,338	\$ 25,056	\$ 25,345	\$ 25,581	\$ 25,652	\$ 25,646	\$ 27,419	\$26,897
Other Office Equipment	\$ 3,275	\$ 2,992	\$ 2,226	\$ 2,391	\$ 2,306	\$ 2,380	\$ 2,680	\$2,919
Total IT	\$ 62,567	\$ 62,157	\$ 64,340	\$ 72,144	\$ 72,973	\$ 71,688	\$ 84,324	\$89,817
Telecommunications	\$ 43,774	\$ 44,703	\$ 43,711	\$ 53,682	\$ 51,831	\$ 47,477	\$ 48,208	\$49,600
Total ICT	\$ 106,341	\$106,860	\$ 108,051	\$125,825	\$124,804	\$ 119,165	\$ 132,532	\$139,417
Economic Ratios								
ICT/GDP	5.4%	5.6%	5.3%	5.2%	5.3%	4.9%	5.1%	5.3%
ICT/Capita	\$ 1,313.3	\$ 1,313.8	\$ 1,325.2	\$ 1,537.9	\$ 1,521.8	\$ 1,452.2	\$ 1,615.5	\$ 1,699.9
Software/Hardware Spending	37.8%	41.2%	45.2%	47.6%	42.9%	42.0%	52.4%	52.6%
IT Variables								
PCs Installed in Education	365,685	396,675	430,291	466,757	506,312	519,914	514,000	624,000
PCs Installed in Homes	3,603,443	4,535,877	5,709,589	7,187,013	9,046,739	9,825,164	10,439,000	10,902,000
PCs Installed in Business & Government	2,484,949	3,190,699	4,096,890	5,260,447	6,754,467	7,742,636	8,432,000	9,513,000
Total PCs Installed	6,454,077	8,123,251	10,236,770	12,914,217	16,307,518	18,087,714	19,385,000	21,039,000
Percent of PCs Networked	27.7%	28.5%	31.5%	30.2%	42.8%	44.9%	48.0%	50.2%
Telephone lines/HH	87.0%	85.0%	86.0%	88.0%	89.0%	89.5%	89.9%	90.7%

Greece

SPENDING (US\$M)	1992	1993	1994	1995	1996	1997	1998	1999
ITHardware	\$ 224	\$ 217	\$ 291	\$ 418	\$ 432	\$ 465	\$ 528	\$ 647
Software	\$ 60	\$ 69	\$ 77	\$ 114	\$ 117	\$ 119	\$ 119	\$ 129
ITServices	\$ 209	\$ 240	\$ 252	\$ 310	\$ 326	\$ 305	\$ 399	\$ 454
Internal	\$ 215	\$ 219	\$ 226	\$ 236	\$ 239	\$ 241	\$ 338	\$ 343
Other Office Equipment	\$ 130	\$ 109	\$ 176	\$ 173	\$ 145	\$ 140	\$ 159	\$ 195
Total IT	\$ 838	\$ 854	\$ 1,023	\$ 1,251	\$ 1,260	\$ 1,270	\$ 1,543	\$ 1,768
Telecommunications	\$ 1,498	\$ 1,283	\$ 2,593	\$ 3,173	\$ 3,607	\$ 3,699	\$ 5,887	\$ 4,309
Total ICT	\$ 2,336	\$ 2,137	\$ 3,616	\$ 4,424	\$ 4,867	\$ 4,969	\$ 5,430	\$ 6,078
Economic Ratios								
ICT/GDP	2.4%	2.3%	3.7%	3.9%	4.0%	3.7%	5.1%	5.5%
ICT/Capita	\$226.3	\$ 205.9	\$ 346.7	\$ 423.4	\$ 464.6	\$ 472.3	\$ 512.3	\$ 569.1
Software/Hardware Spending	26.6%	31.7%	26.4%	27.3%	27.0%	25.6%	22.6%	20.0%
IT Variables								
PCs Installed in Education	15,123	16,405	17,795	19,303	20,939	21,501	23,703	26,258
PCs Installed in Homes	67,435	84,884	106,849	134,497	169,300	183,867	212,159	263,304
PCs Installed in Business & Government	100,070	128,491	164,983	211,840	272,005	311,799	330,797	348,131
Total PCs Installed	182,628	229,779	289,627	365,640	462,244	517,168	566,659	637,693
Percent of PCs Networked	23.3%	24.6%	25.2%	26.2%	21.5%	25.4%	28.0%	29.9%
Telephone lines/HH	87.0%	90.0%	93.0%	95.0%	98.0%	98.0%	99.0%	99.8%

■ Hong Kong

	1992	1993	1994	1995	1996	1997	1998	1999
SPENDING (US\$M)								
IT Hardware	\$ 687	\$ 1,016	\$ 1,234	\$ 1,280	\$ 1,472	\$ 1,587	\$ 1,344	\$ 1,545
Software	\$ 79	\$ 156	\$ 182	\$ 186	\$ 225	\$ 269	\$ 262	\$ 296
IT Services	\$ 170	\$ 371	\$ 414	\$ 346	\$ 387	\$ 418	\$ 441	\$ 451
Internal	\$ 650	\$ 711	\$ 708	\$ 761	\$ 794	\$ 829	\$ 808	\$ 826
Other Office Equipment	\$ 73	\$ 106	\$ 135	\$ 127	\$ 133	\$ 143	\$ 121	\$ 140
Total IT	\$ 1,660	\$ 2,359	\$ 2,673	\$ 2,700	\$ 3,012	\$ 3,245	\$ 2,976	\$ 3,257
Telecommunications	\$ 3,230	\$ 4,536	\$ 5,065	\$ 5,849	\$ 7,354	\$ 8,767	\$ 9,195	\$ 9,515
Total ICT	\$ 4,890	\$ 6,895	\$ 7,738	\$ 8,549	\$ 10,366	\$ 12,013	\$ 12,172	\$ 12,772
Economic Ratios								
ICT/GDP	5.0%	5.9%	5.9%	6.1%	6.7%	7.0%	8.0%	8.3%
ICT/Capita	\$ 843.1	\$ 1,168.5	\$ 1,282.	\$ 1,388.7	\$ 1,642.5	\$ 1,847.5	\$ 1,820.1	\$ 1,857.1
Software/Hardware Spending	11.5%	15.3%	14.7%	14.5%	15.3%	16.9%	19.5%	19.2%
IT Variables								
PCs Installed in Education	9,243	12,313	16,885	22,637	28,000	33,553	52,657	74,801
PCs Installed in Homes	44,904	73,314	116,102	187,389	278,958	388,480	474,530	580,809
PCs Installed in Business & Government	259,913	346,252	474,831	636,578	787,386	943,550	1,006,236	1,083,071
Total PCs Installed	314,059	431,879	607,818	846,605	1,094,344	1,365,583	1,533,423	1,738,681
Percent of PCs Networked	30.1%	37.3%	43.3%	50.9%	32.3%	38.5%	43.6%	47.7%
Telephone lines/HH	108.0%	109.0%	109.0%	111.0%	111.0%	110.0%	110.1%	110.1%

■ Hungary

	1992	1993	1994	1995	1996	1997	1998	1999
SPENDING (US\$M)								
IT Hardware	\$ 363	\$ 460	\$ 516	\$ 401	\$ 448	\$ 481	\$ 528	\$ 556
Software	\$ 96	\$ 116	\$ 124	\$ 116	\$ 144	\$ 161	\$ 180	\$ 198
IT Services	\$ 191	\$ 220	\$ 239	\$ 196	\$ 283	\$ 314	\$ 373	\$ 437
Internal	\$ 222	\$ 235	\$ 256	\$ 274	\$ 291	\$ 310	\$ 377	\$ 417
Other Office Equipment	\$ 30	\$ 32	\$ 39	\$ 40	\$ 39	\$ 42	\$ 46	\$ 48
Total IT	\$ 903	\$ 1,063	\$ 1,173	\$ 1,027	\$ 1,20	\$ 1,307	\$ 1,503	\$ 1,655
Telecommunications	\$ 485	\$ 560	\$ 636	\$ 706	\$ 728	\$ 732	\$ 2,026	\$ 2,329
Total ICT	\$ 1,387	\$ 1,624	\$ 1,810	\$ 1,733	\$ 1,933	\$ 2,040	\$ 3,529	\$ 3,984
Economic Ratios								
ICT/GDP	3.7%	4.2%	4.4%	3.9%	4.3%	3.7%	5.9%	6.4%
ICT/Capita	\$ 134.2	\$ 157.5	\$ 176.1	\$ 169.1	\$ 189.3	\$ 200.5	\$ 346.2	\$ 390.2
Software/Hardware Spending	26.6%	25.2%	24.1%	28.9%	32.2%	33.5%	34.2%	35.7%
IT Variables								
PCs Installed in Education	25,335	27,165	29,128	31,233	39,322	43,157	48,661	54,978
PCs Installed in Homes	28,002	34,838	43,343	53,924	67,088	80,655	94,226	106,565
PCs Installed in Business & Government	282,109	302,493	324,351	347,787	367,085	402,890	454,269	513,238
Total PCs Installed	335,446	364,497	396,822	432,944	473,495	526,702	597,156	674,781
Percent of PCs Networked	17.3%	24.7%	33.0%	34.7%	30.0%	33.4%	37.4%	40.7%
Telephone lines/HH	25.0%	30.0%	36.0%	24.0%	28.0%	28.6%	29.3%	29.2%

■ India

SPENDING (US\$M)	1992	1993	1994	1995	1996	1997	1998	1999
ITHardware	\$ 666	\$ 715	\$ 1,058	\$ 1,465	\$ 1,397	\$ 1,522	\$ 1,485	\$ 1,925
Software	\$ 61	\$ 58	\$ 98	\$ 124	\$ 113	\$ 137	\$ 153	\$ 213
ITServices	\$ 364	\$ 441	\$ 583	\$ 654	\$ 686	\$ 772	\$ 630	\$ 867
Internal	\$ 429	\$ 521	\$ 597	\$ 591	\$ 622	\$ 655	\$ 896	\$ 1,033
Other Office Equipment	\$ 71	\$ 74	\$ 116	\$ 143	\$ 127	\$ 138	\$ 134	\$ 174
Total IT	\$ 1,590	\$ 1,809	\$ 2,452	\$ 2,977	\$ 2,944	\$ 3,224	\$ 3,297	\$ 4,211
Telecommunications	\$ 2,662	\$ 2,995	\$ 3,621	\$ 4,273	\$ 3,811	\$ 4,581	\$ 9,638	\$ 11,329
Total ICT	\$ 4,252	\$ 4,804	\$ 6,073	\$ 7,250	\$ 6,755	\$ 7,805	\$ 12,935	\$ 15,541
Economic Ratios								
ICT/GDP	1.7%	1.9%	2.0%	2.2%	1.9%	1.9%	3.1%	3.5%
ICT/Capita	\$ 4.8	\$ 5.3	\$ 6.6	\$ 7.8	\$ 7.2	\$ 8.2	\$ 13.2	\$ 15.4
Software/Hardware Spending	9.2%	8.1%	9.3%	8.5%	8.1%	9.0%	10.3%	11.1%
IT Variables								
Installed in Education	11,163	14,604	18,338	23,557	32,233	42,419	62,793	101,368
PCs Installed in Homes	14,662	18,103	24,709	45,507	79,417	155,148	336,793	648,527
PCs Installed in Business & Government	321,571	420,699	528,256	678,578	928,509	1,221,933	1,472,038	1,974,071
Total PCs Installed	347,397	453,406	571,304	747,641	1,040,159	1,419,500	1,871,623	2,723,965
Percent of PCs Networked	21.3%	23.1%	28.7%	37.3%	27.0%	35.1%	40.6%	45.1%
Telephone lines/HH	7.5%	9.0%	9.0%	9.0%	10.0%	15.0%	16.8%	18.7%

■ Indonesia

SPENDING (US\$M)	1992	1993	1994	1995	1996	1997	1998	1999
ITHardware	\$ 475	\$ 548	\$ 707	\$ 907	\$ 1,059	\$ 933	\$ 219	\$ 519
Software	\$ 31	\$ 41	\$ 60	\$ 83	\$ 107	\$ 102	\$ 21	\$ 73
ITServices	\$ 77	\$ 93	\$ 123	\$ 113	\$ 128	\$ 115	\$ 34	\$ 46
Internal	\$ 85	\$ 98	\$ 110	\$ 119	\$ 113	\$ 106	\$ 108	\$ 150
Other Office Equipment	\$ 51	\$ 57	\$ 77	\$ 87	\$ 96	\$ 84	\$ 20	\$ 47
Total IT	\$ 718	\$ 838	\$ 1,077	\$ 1,310	\$ 1,502	\$ 1,341	\$ 402	\$ 835
Telecommunications	\$ 1,630	\$ 1,965	\$ 2,551	\$ 3,027	\$ 2,960	\$ 3,434	\$ 1,425	\$ 2,054
Total ICT	\$ 2,348	\$ 2,803	\$ 3,628	\$ 4,337	\$ 4,462	\$ 4,775	\$ 1,828	\$ 2,889
Economic Ratios								
ICT/GDP	1.7%	1.8%	2.1%	2.2%	2.0%	1.9%	0.9%	1.4%
ICT/Capita	\$ 12.8	\$ 15.0	\$ 19.1	\$ 22.3	\$ 22.5	\$ 23.7	\$ 8.9	\$ 13.7
Software/Hardware Spending	6.4%	7.4%	8.5%	9.2%	10.1%	10.9%	9.7%	14.1%
IT Variables								
PCs Installed in Education	14,515	15,074	17,558	22,082	28,038	32,401	37,774	26,571
PCs Installed in Homes	37,756	42,404	46,535	65,987	106,847	148,322	158,440	170,218
PCs Installed in Business & Government	511,950	531,669	619,280	778,864	988,914	1,142,820	1,173,876	1,450,163
Total PCs Installed	564,221	589,147	683,374	866,933	1,123,799	1,323,543	1,370,090	1,646,952
Percent of PCs Networked	24.9%	26.7%	32.5%	39.9%	32.0%	29.8%	33.8%	37.0%
Telephone lines/HH	3.0%	2.0%	4.0%	5.0%	7.0%	8.0%	8.4%	8.7%

■ Ireland

	1992	1993	1994	1995	1996	1997	1998	1999
SPENDING (US\$M)								
ITHardware	\$ 458	\$ 361	\$ 395	\$ 573	\$ 619	\$ 615	\$ 903	\$ 1,031
Software	\$ 104	\$ 108	\$ 127	\$ 159	\$ 166	\$ 176	\$ 209	\$ 228
ITServices	\$ 285	\$ 290	\$ 303	\$ 343	\$ 370	\$ 375	\$ 485	\$ 550
Internal	\$ 413	\$ 423	\$ 428	\$ 433	\$ 437	\$ 441	\$ 581	\$ 621
Other Office Equipment	\$ 169	\$ 147	\$ 206	\$ 219	\$ 187	\$ 186	\$ 274	\$ 312
Total IT	\$ 1,430	\$ 1,329	\$ 1,458	\$ 1,726	\$ 1,780	\$ 1,793	\$ 2,451	\$ 2,742
Telecommunications	\$ 1,457	\$ 1,277	\$ 1,711	\$ 2,048	\$ 2,430	\$ 2,559	\$ 2,620	\$ 2,814
Total ICT	\$ 2,887	\$ 2,607	\$ 3,169	\$ 3,775	\$ 4,210	\$ 4,352	\$ 5,071	\$ 5,556
Economic Ratios								
ICT/GDP	5.5%	5.3%	5.9%	5.9%	6.0%	5.7%	6.4%	6.5%
ICT/Capita	\$ 814.2	\$ 731.1	\$ 883.9	\$ 1,046.8	\$ 1,161.1	\$ 1,193.4	\$ 1,377.6	\$ 1,495.3
Software/Hardware Spending	22.6%	29.8%	32.0%	27.7%	26.8%	28.7%	23.2%	22.2%
IT Variables								
PCs Installed in Education	16,182	17,553	19,040	20,654	22,404	23,006	31,000	40,000
PCs Installed in Homes	97,978	123,331	155,245	195,416	245,982	267,148	308,000	354,000
PCs Installed in Business & Government	98,853	126,928	162,977	209,265	268,698	308,008	375,000	483,000
Total PCs Installed	213,013	267,813	337,262	425,335	537,084	598,162	714,000	877,000
Percent of PCs Networked	36.5%	39.4%	42.4%	45.7%	41.0%	44.6%	48.4%	51.0%
Telephone lines/HH	71.0%	75.0%	78.0%	82.0%	81.0%	83.0%	85.2%	87.0%

■ Israel

	1992	1993	1994	1995	1996	1997	1998	1999
SPENDING (US\$M)								
ITHardware	\$ 681	\$ 707	\$ 829	\$ 953	\$ 1,052	\$ 1,115	\$ 1,134	\$ 1,229
Software	\$ 228	\$ 247	\$ 304	\$ 352	\$ 388	\$ 439	\$ 493	\$ 539
ITServices	\$ 370	\$ 418	\$ 497	\$ 538	\$ 621	\$ 741	\$ 1,234	\$ 1,435
Internal	\$ 628	\$ 648	\$ 665	\$ 674	\$ 687	\$ 69	\$ 730	\$ 871
Other Office Equipment	\$ 72	\$ 74	\$ 91	\$ 95	\$ 95	\$ 101	\$ 102	\$ 111
Total IT	\$ 1,978	\$ 2,093	\$ 2,385	\$ 2,611	\$ 2,843	\$ 3,087	\$ 3,693	\$ 4,184
Telecommunications	\$ 1,977	\$ 2,053	\$ 2,326	\$ 2,595	\$ 2,453	\$ 2,868	\$ 3,282	\$ 4,137
Total ICT	\$ 3,955	\$ 4,146	\$ 4,711	\$ 5,206	\$ 5,297	\$ 5,955	\$ 6,975	\$ 8,322
Economic Ratios								
ICT/GDP	4.6%	5.9%	6.0%	5.7%	5.0%	5.0%	6.3%	7.4%
ICT/Capita	\$ 758.3	\$ 768.7	\$ 843.6	\$ 926.5	\$ 919.6	\$ 1,008.4	\$ 1,165.6	\$ 1,372.4
Software/Hardware Spending	33.5%	34.9%	36.7%	36.9%	36.9%	39.4%	43.5%	43.9%
IT Variables								
PCs Installed in Education	10,389	15,592	23,403	35,125	61,902	54,924	89,631	87,829
PCs Installed in Homes	126,682	156,082	192,305	236,935	131,242	291,922	389,347	372,830
PCs Installed in Business & Government	115,680	173,626	260,597	391,134	577,878	512,735	836,734	819,919
Total PCs Installed	252,751	345,300	476,305	663,195	771,021	859,581	1,315,712	1,280,578
Percent of PCs Networked	15.2%	17.0%	20.3%	24.7%	20.0%	25.4%	28.4%	30.8%
Telephone lines/HH	93.0%	94.0%	95.0%	95.0%	96.0%	96.3%	96.6%	96.8%

■ Italy

SPENDING (US\$M)	1992	1993	1994	1995	1996	1997	1998	1999
IT Hardware	\$ 7,309	\$ 5,145	\$ 5,275	\$ 6,093	\$ 6,293	\$ 6,349	\$ 7,415	\$ 7,944
Software	\$ 3,326	\$ 2,688	\$ 2,674	\$ 3,160	\$ 3,281	\$ 3,134	\$ 3,095	\$ 3,217
IT Services	\$ 6,670	\$ 6,030	\$ 5,806	\$ 6,096	\$ 7,016	\$ 6,950	\$ 8,425	\$ 9,459
Internal	\$ 4,826	\$ 5,190	\$ 5,227	\$ 5,316	\$ 5,376	\$ 5,364	\$ 5,629	\$ 5,566
Other Office Equipment	\$ 1,288	\$ 943	\$ 1,068	\$ 1,118	\$ 872	\$ 851	\$ 994	\$ 1,065
Total IT	\$23,420	\$19,996	\$ 20,049	\$ 21,783	\$ 22,838	\$ 22,647	\$ 25,559	\$ 27,252
Telecommunications	\$ 21,501	\$ 18,035	\$ 21,909	\$ 23,570	\$ 27,478	\$ 27,229	\$ 27,988	\$ 29,020
Total ICT	\$44,921	\$ 38,031	\$ 41,958	\$ 45,353	\$ 50,316	\$ 49,875	\$ 53,547	\$ 56,272
Economic Ratios								
ICT/GDP	3.7%	3.9%	4.1%	4.2%	4.2%	4.0%	4.5%	4.7%
ICT/Capita	\$ 790.0	\$ 666.6	\$ 732.7	\$ 791.0	\$ 876.9	\$ 867.1	\$ 928.7	\$ 973.5
Software/Hardware Spending	45.5%	52.2%	50.7%	51.9%	52.1%	49.4%	41.7%	40.5%
IT Variables								
PCs Installed in Education	242,734	263,305	285,619	309,824	336,080	345,109	433,000	508,000
PCs Installed in Homes	976,795	1,229,552	1,547,713	1,948,203	2,452,323	2,663,333	3,001,000	3,449,000
PCs Installed in Business & Government	881,210	1,131,482	1,452,834	1,865,454	2,395,261	2,745,685	2,894,000	2,670,346
Total PCs Installed	2,100,739	2,624,339	3,286,167	4,123,481	5,183,665	5,754,127	6,328,000	6,627,346
Percent of PCs Networked	23.8%	24.0%	31.2%	26.6%	31.0%	35.9%	38.5%	40.4%
Telephone lines/HH	93.1%	94.8%	96.3%	96.7%	97.5%	97.9%	96.9%	97.1%

■ Japan

SPENDING (US\$M)	1992	1993	1994	1995	1996	1997	1998	1999
IT Hardware	\$38,938	\$ 40,966	\$ 41,750	\$ 46,496	\$ 50,512	\$ 47,156	\$ 38,681	\$ 44,986
Software	\$ 6,652	\$ 7,611	\$ 8,160	\$ 9,886	\$ 9,923	\$ 10,492	\$ 10,393	\$ 12,224
IT Services	\$32,709	\$ 34,500	\$ 37,506	\$ 46,394	\$ 41,964	\$ 39,585	\$ 36,797	\$ 42,494
Internal	\$64,238	\$ 63,261	\$ 64,072	\$ 63,772	\$ 63,323	\$ 63,135	\$ 60,419	\$ 65,533
Other Office Equipment	\$ 4,142	\$ 4,268	\$ 4,564	\$ 5,222	\$ 4,574	\$ 4,263	\$ 3,497	\$ 4,067
Total IT	\$146,678	\$150,607	\$ 156,052	\$171,768	\$170,297	\$164,631	\$ 149,787	\$ 169,304
Telecommunications	\$ 63,525	\$ 76,435	\$ 89,001	\$108,030	\$128,892	\$152,092	\$ 164,628	\$ 192,661
Total ICT	\$210,202	\$227,042	\$ 245,053	\$279,798	\$299,189	\$316,723	\$ 314,415	\$ 361,964
Economic Ratios								
ICT/GDP	5.7%	5.3%	5.2%	5.4%	6.5%	6.7%	6.2%	7.1%
ICT/Capita	\$1,689.9	\$ 1,819.5	\$ 1,957.7	\$2,228.2	\$ 2,377.1	\$ 2,510.4	\$ 2,485.7	\$ 2,854.3
Software/Hardware Spending	17.1%	18.6%	19.5%	21.3%	19.6%	22.2%	26.9%	27.2%
IT Variables								
PCs Installed in Education	340,692	374,179	430,150	1,182,000	1,329,000	1,469,000	1,512,000	1,532,000
PCs Installed in Homes	1,540,816	1,840,634	2,421,751	4,551,000	5,788,000	7,482,000	9,636,000	13,059,000
PCs Installed in Business & Government	5,605,292	6,156,242	7,077,110	7,938,900	11,204,450	13,299,600	15,240,400	16,795,024
Total PCs Installed	7,486,800	8,371,055	9,929,011	13,671,900	18,321,450	22,250,600	26,388,400	31,386,024
Percent of PCs Networked	12.0%	12.9%	15.4%	20.5%	27.9%	27.1%	29.4%	31.2%
Telephone lines/HH	94.0%	95.0%	96.0%	96.0%	96.0%	96.0%	96.2%	96.3%

■ Korea

	1992	1993	1994	1995	1996	1997	1998	1999
SPENDING (US\$M)								
IT Hardware	\$ 3,791	\$ 4,067	\$ 4,912	\$ 6,950	\$ 8,770	\$ 7,470	\$ 3,302	\$ 5,663
Software	\$ 202	\$ 248	\$ 374	\$ 470	\$ 748	\$ 723	\$ 354	\$ 752
IT Services	\$ 1,216	\$ 1,350	\$ 1,456	\$ 1,210	\$ 1,556	\$ 1,222	\$ 1,269	\$ 1,744
Internal	\$ 1,809	\$ 1,823	\$ 1,873	\$ 1,948	\$ 1,983	\$ 2,000	\$ 1,946	\$ 2,322
Other Office Equipment	\$ 403	\$ 424	\$ 537	\$ 685	\$ 794	\$ 675	\$ 299	\$ 512
Total IT	\$ 7,420	\$ 7,912	\$ 9,153	\$ 11,262	\$ 13,852	\$ 12,091	\$ 7,170	\$ 10,993
Telecommunications	\$ 7,506	\$ 8,264	\$ 9,288	\$ 11,905	\$ 16,627	\$ 15,737	\$ 12,885	\$ 13,451
Total ICT	\$ 14,926	\$ 16,176	\$ 18,441	\$ 23,168	\$ 30,479	\$ 27,828	\$ 20,055	\$ 24,443
Economic Ratios								
ICT/GDP	4.8%	4.9%	4.8%	5.1%	6.3%	5.2%	4.0%	4.4%
ICT/Capita	\$ 339.1	\$ 362.6	\$ 411.1	\$ 513.7	\$ 669.2	\$ 605.1	\$ 431.9	\$ 521.5
Software/Hardware Spending	5.3%	6.1%	7.6%	6.8%	8.5%	9.7%	10.7%	13.3%
IT Variables								
PCs Installed in Education	102,603	108,358	142,354	196,706	247,204	291,603	447,783	483,546
PCs Installed in Homes	622,883	726,129	867,520	1,078,698	1,752,657	2,187,803	2,294,497	2,945,129
PCs Installed in Business & Government	1,394,330	1,472,541	1,934,526	2,673,147	3,359,381	3,962,751	3,790,665	4,118,489
Total PCs Installed	2,119,817	2,307,028	2,944,400	3,948,552	5,359,241	6,442,157	6,532,945	7,547,164
Percent of PCs Networked	20.8%	20.9%	28.6%	32.7%	24.1%	22.6%	25.6%	27.9%
Telephone lines/HH	107.0%	109.0%	112.0%	114.0%	115.0%	117.0%	117.6%	118.1%

■ Malaysia

	1992	1993	1994	1995	1996	1997	1998	1999
SPENDING (US\$M)								
IT Hardware	\$ 431	\$ 538	\$ 614	\$ 948	\$ 1,270	\$ 1,261	\$ 794	\$ 1,005
Software	\$ 85	\$ 114	\$ 141	\$ 226	\$ 311	\$ 307	\$ 213	\$ 261
IT Services	\$ 140	\$ 175	\$ 207	\$ 183	\$ 252	\$ 249	\$ 223	\$ 246
Internal	\$ 478	\$ 504	\$ 573	\$ 640	\$ 638	\$ 636	\$ 486	\$ 571
Other Office Equipment	\$ 46	\$ 56	\$ 67	\$ 91	\$ 115	\$ 114	\$ 72	\$ 91
Total IT	\$ 1,179	\$ 1,387	\$ 1,602	\$ 2,088	\$ 2,586	\$ 2,565	\$ 1,788	\$ 2,175
Telecommunications	\$ 1,509	\$ 1,721	\$ 1,929	\$ 2,351	\$ 2,849	\$ 2,815	\$ 2,974	\$ 3,088
Total ICT	\$ 2,688	\$ 3,108	\$ 3,531	\$ 4,438	\$ 5,434	\$ 5,380	\$ 4,762	\$ 5,263
Economic Ratios								
ICT/GDP	4.7%	4.9%	5.0%	5.2%	5.5%	4.9%	4.9%	5.2%
ICT/Capita	\$ 143.3	\$ 161.8	\$ 179.6	\$ 220.7	\$ 256.7	\$ 248.3	\$ 214.7	\$ 231.8
Software/Hardware Spending	19.7%	21.1%	23.0%	23.9%	24.5%	24.3%	26.8%	26.0%
IT Variables								
PCs Installed in Education	20,043	22,715	25,520	31,431	38,693	47,230	85,744	80,105
PCs Installed in Homes	22,765	30,625	45,496	80,087	140,863	226,653	419,360	464,225
PCs Installed in Business & Government	430,243	487,607	547,827	674,702	830,598	1,013,853	1,421,265	1,487,894
Total PCs Installed	473,050	540,946	618,843	786,219	1,010,153	1,287,736	1,926,369	2,032,224
Percent of PCs Networked	20.5%	22.2%	27.3%	36.7%	25.8%	30.9%	35.4%	39.0%
Telephone lines/HH	41.0%	46.0%	53.0%	60.0%	67.0%	68.0%	67.0%	65.3%

■ Mexico

SPENDING (US\$M)	1992	1993	1994	1995	1996	1997	1998	1999
ITHardware	\$ 1,675	\$ 1,695	\$ 1,873	\$ 1,098	\$ 1,825	\$ 2,267	\$ 2,377	\$ 2,751
Software	\$ 302	\$ 370	\$ 401	\$ 234	\$ 336	\$ 428	\$ 494	\$ 533
ITServices	\$ 818	\$ 1,016	\$ 1,165	\$ 636	\$ 758	\$ 1,025	\$ 1,299	\$ 1,564
Internal	\$ 1,467	\$ 1,448	\$ 1,454	\$ 1,343	\$ 1,909	\$ 1,943	\$ 2,097	\$ 2,171
Other Office Equipment	\$ 178	\$ 177	\$ 205	\$ 104	\$ 165	\$ 205	\$ 215	\$ 249
Total IT	\$ 4,441	\$ 4,705	\$ 5,098	\$ 3,414	\$ 4,993	\$ 5,868	\$ 6,481	\$ 7,268
Telecommunications	\$ 7,101	\$ 9,068	\$ 9,897	\$ 7,205	\$ 7,873	\$ 8,389	\$ 8,052	\$ 8,930
Total ICT	\$ 11,542	\$ 13,773	\$ 14,995	\$ 10,619	\$ 12,866	\$ 14,257	\$ 14,533	\$ 16,198
Economic Ratios								
ICT/GDP	3.2%	3.4%	3.6%	3.7%	3.8%	3.5%	3.9%	4.2%
ICT/Capita	\$ 128.9	\$ 151.0	\$ 162.1	\$ 113.2	\$ 135.3	\$ 149.4	\$ 151.7	\$ 168.4
Software/Hardware Spending	18.0%	21.8%	21.4%	21.3%	18.4%	18.9%	20.8%	19.4%
IT Variables								
PCs Installed in Education	111,285	121,230	132,063	143,864	156,720	176,831	205,666	238,867
PCs Installed in Homes	159,111	219,689	303,331	418,819	578,276	801,114	996,589	1,422,633
PCs Installed in Business & Government	1,227,322	1,336,995	1,456,470	1,586,620	1,728,401	1,950,197	2,268,209	2,650,489
Total PCs Installed	1,497,718	1,677,914	1,891,864	2,149,303	2,463,397	2,928,142	3,470,464	4,311,989
Percent of PCs Networked	11.8%	19.0%	27.1%	31.2%	36.5%	41.0%	47.8%	53.3%
Telephone lines/HH	28.0%	31.0%	33.0%	45.0%	34.0%	41.0%	43.7%	46.3%

■ Netherlands

SPENDING (US\$M)	1992	1993	1994	1995	1996	1997	1998	1999
ITHardware	\$ 3,415	\$ 2,771	\$ 3,036	\$ 4,343	\$ 4,741	\$ 4,664	\$ 5,427	\$ 5,854
Software	\$ 1,340	\$ 1,488	\$ 1,701	\$ 2,460	\$ 2,346	\$ 2,259	\$ 2,973	\$ 3,249
ITServices	\$ 2,902	\$ 2,818	\$ 3,063	\$ 2,943	\$ 2,983	\$ 2,929	\$ 4,730	\$ 5,276
Internal	\$ 5,612	\$ 5,811	\$ 5,773	\$ 5,763	\$ 5,739	\$ 5,725	\$ 5,936	\$ 5,955
Other Office Equipment	\$ 740	\$ 667	\$ 838	\$ 897	\$ 832	\$ 858	\$ 999	\$ 1,077
Total IT	\$14,009	\$ 13,555	\$ 14,411	\$ 16,406	\$ 16,641	\$ 16,436	\$ 20,064	\$ 21,412
Telecommunications	\$ 7,411	\$ 7,445	\$ 7,852	\$ 9,802	\$ 10,421	\$ 9,967	\$ 10,530	\$ 11,046
Total ICT	\$ 21,421	\$ 21,000	\$ 22,262	\$ 26,207	\$ 27,062	\$ 26,402	\$ 30,594	\$ 32,459
Economic Ratios								
ICT/GDP	6.7%	6.7%	6.6%	6.6%	6.9%	6.4%	6.9%	7.1%
ICT/Capita	\$1,411.3	\$ 1,374.6	\$ 1,446.4	\$1,690.8	\$ 1,734.7	\$ 1,687.9	\$ 1,943.4	\$ 2,048.8
Software/Hardware Spending	39.2%	53.7%	56.0%	56.6%	49.5%	48.4%	54.8%	55.5%
IT Variables								
PCs Installed in Education	226,511	245,707	266,530	289,117	313,618	322,044	409,000	581,000
PCs Installed in Homes	987,403	1,242,905	1,564,521	1,969,360	2,478,955	2,692,257	3,337,000	3,854,000
PCs Installed in Business & Government	521,896	670,120	860,440	1,104,814	1,418,592	1,626,130	1,708,000	1,898,000
Total PCs Installed	1,735,810	2,158,732	2,691,491	3,363,291	4,211,166	4,640,430	5,454,000	6,333,000
Percent of PCs Networked	36.0%	38.3%	41.6%	37.7%	45.6%	49.7%	53.2%	55.6%
Telephone lines/HH	95.2%	96.0%	97.0%	97.5%	97.8%	97.9%	98.1%	98.3%

■ New Zealand

SPENDING (US\$M)	1992	1993	1994	1995	1996	1997	1998	1999
ITHardware	\$ 523	\$ 531	\$ 662	\$ 851	\$ 923	\$ 815	\$ 714	\$ 802
Software	\$ 205	\$ 233	\$ 266	\$ 335	\$ 387	\$ 437	\$ 414	\$ 447
ITServices	\$ 430	\$ 467	\$ 555	\$ 511	\$ 563	\$ 622	\$ 867	\$ 1,262
Internal	\$ 871	\$ 861	\$ 847	\$ 839	\$ 830	\$ 823	\$ 788	\$ 822
Other Office Equipment	\$ 56	\$ 55	\$ 72	\$ 72	\$ 84	\$ 74	\$ 65	\$ 72
Total IT	\$ 2,085	\$ 2,148	\$ 2,402	\$ 2,607	\$ 2,787	\$ 2,771	\$ 2,848	\$ 3,406
Telecommunications	\$ 1,545	\$ 1,566	\$ 1,955	\$ 2,413	\$ 2,450	\$ 2,842	\$ 2,905	\$ 3,143
Total ICT	\$ 3,630	\$ 3,713	\$ 4,357	\$ 5,020	\$ 5,237	\$ 5,612	\$ 5,753	\$ 6,549
Economic Ratios								
ICT/GDP	9.1%	8.6%	8.6%	8.4%	8.0%	8.4%	9.5%	10.5%
ICT/Capita	\$1,042.3	\$ 1,051.5	\$ 1,216.7	\$1,382.7	\$ 1,422.6	\$ 1,481.4	\$ 1,475.5	\$ 1,632.1
Software/Hardware Spending	39.2%	43.9%	40.1%	39.4%	41.9%	53.6%	57.9%	55.7%
IT Variables								
PCs Installed in Education	45,098	38,008	53,895	62,731	69,190	73,799	130,556	120,252
PCs Installed in Homes	N/A	112,499	148,099	212,321	271,085	343,793	425,348	509,424
PCs Installed in Business & Government	386,384	325,643	461,756	537,463	592,800	632,282	693,209	766,915
Total PCs Installed	431,482	476,150	663,750	812,515	933,075	1,049,874	1,249,112	1,396,592
Percent of PCs Networked	28.4%	33.1%	40.3%	40.6%	30.9%	33.4%	37.3%	40.4%
Telephone lines/HH	97.0%	99.0%	102.0%	102.0%	96.0%	97.0%	97.0%	96.8%

■ Norway

SPENDING (US\$M)	1992	1993	1994	1995	1996	1997	1998	1999
ITHardware	\$ 1,326	\$ 1,037	\$ 1,063	\$ 1,551	\$ 1,764	\$ 1,916	\$ 2,067	\$ 2,202
Software	\$ 420	\$ 394	\$ 422	\$ 576	\$ 578	\$ 590	\$ 705	\$ 770
ITServices	\$ 1,041	\$ 1,082	\$ 1,116	\$ 1,364	\$ 1,456	\$ 1,531	\$ 1,855	\$ 2,113
Internal	\$ 1,307	\$ 1,332	\$ 1,331	\$ 1,332	\$ 1,334	\$ 1,349	\$ 1,503	\$ 1,525
Other Office Equipment	\$ 149	\$ 133	\$ 182	\$ 181	\$ 154	\$ 157	\$ 169	\$ 180
Total IT	\$ 4,244	\$ 3,978	\$ 4,114	\$ 5,004	\$ 5,286	\$ 5,543	\$ 6,300	\$ 6,790
Telecommunications	\$ 2,792	\$ 2,640	\$ 2,540	\$ 3,165	\$ 3,529	\$ 3,419	\$ 3,351	\$ 3,478
Total ICT	\$ 7,036	\$ 6,618	\$ 6,654	\$ 8,169	\$ 8,815	\$ 8,962	\$ 9,651	\$ 10,268
Economic Ratios								
ICT/GDP	5.6%	5.7%	5.4%	5.6%	5.6%	5.4%	6.6%	6.9%
ICT/Capita	\$1,641.4	\$ 1,534.8	\$ 1,534.4	\$ 1,874.1	\$ 2,011.9	\$ 2,034.9	\$ 2,170.7	\$ 2,287.8
Software/Hardware Spending	31.7%	38.0%	39.6%	37.1%	32.7%	30.8%	34.1%	34.9%
IT Variables								
PCs Installed in Education	53,780	58,338	63,282	68,644	74,462	76,462	98,000	122,000
PCs Installed in Homes	243,812	306,902	386,316	486,280	612,111	664,780	854,000	983,000
PCs Installed in Business & Government	272,184	349,488	448,746	576,194	739,839	848,076	937,000	1,047,000
Total PCs Installed	569,777	714,727	898,343	1,131,118	1,426,411	1,589,318	1,889,000	2,152,000
Percent of PCs Networked	48.9%	54.5%	63.7%	50.5%	54.4%	57.7%	60.9%	63.2%
Telephone lines/HH	95.0%	94.0%	96.0%	98.0%	98.0%	98.0%	98.3%	98.6%

■ Other Asia Pacific

	1992	1993	1994	1995	1996	1997	1998	1999
SPENDING (US\$M)								
ITHardware	\$ 343	\$ 383	\$ 480	\$ 596	\$ 759	\$ 990	\$ 708	\$ 636
Software	\$ 33	\$ 42	\$ 59	\$ 78	\$ 104	\$ 155	\$ 113	\$ 108
ITServices	\$ 88	\$ 104	\$ 126	\$ 187	\$ 224	\$ 293	\$ 117	\$ 133
Internal	\$ 66	\$ 72	\$ 79	\$ 85	\$ 95	\$ 105	\$ 171	\$ 241
Other Office Equipment	\$ 36	\$ 40	\$ 52	\$ 64	\$ 69	\$ 89	\$ 64	\$ 58
Total IT	\$ 566	\$ 642	\$ 797	\$ 1,009	\$ 1,251	\$ 1,632	\$ 1,173	\$ 1,176
Telecommunications	\$ 1,281	\$ 1,459	\$ 1,715	\$ 1,909	\$ 2,303	\$ 2,787	\$ 3,010	\$ 3,250
Total ICT	\$ 1,848	\$ 2,101	\$ 2,512	\$ 2,919	\$ 3,554	\$ 4,411	\$ 4,182	\$ 4,426
Economic Ratios								
ICT/GDP	3.4%	3.5%	3.9%	4.1%	5.6%	7.8%	4.4%	4.6%
ICT/Capita	\$ 5.2	\$ 5.8	\$ 6.7	\$ 7.7	\$ 9.2	\$ 11.2	\$ 10.4	\$ 10.7
Software/Hardware Spending	.6%	11.1%	12.4%	13.0%	13.7%	15.6%	16.0%	17.0%
IT Variables								
PCs Installed in Education	N/A	4,124	9,717	14,769	18,918	21,051	26,087	36,494
PCs Installed in Homes	N/A	16,309	33,723	52,957	78,148	94,651	109,851	125,737
PCs Installed in Business & Government	N/A	76,531	185,230	222,153	321,099	384,594	373,163	402,131
Total PCs Installed	N/A	96,964	228,670	289,880	418,165	500,296	509,101	564,361
Percent of PCs Networked	23.3%	25.0%	30.5%	38.1%	26.4%	25.2%	31.3%	36.3%
Telephone lines/HH	1.0%	1.0%	1.0%	1.0%	1.0%	2.0%	2.2%	2.6%

■ Other Eastern Europe

	1992	1993	1994	1995	1996	1997	1998	1999
SPENDING (US\$M)								
ITHardware	\$ 251	\$ 258	\$ 301	\$ 302	\$ 443	\$ 543	\$ 692	\$ 708
Software	\$ 28	\$ 30	\$ 37	\$ 40	\$ 82	\$ 90	\$ 112	\$ 134
ITServices	\$ 55	\$ 61	\$ 71	\$ 34	\$ 65	\$ 77	\$ 133	\$ 164
Internal	\$ 116	\$ 131	\$ 141	\$ 146	\$ 147	\$ 145	\$ 220	\$ 241
Other Office Equipment	\$ 6	\$ 7	\$ 7	\$ 8	\$ 9	\$ 9	\$ 12	\$ 12
Total IT	\$ 455	\$ 487	\$ 557	\$ 530	\$ 746	\$ 865	\$ 1,168	\$ 1,259
Telecommunications	\$ 225	\$ 272	\$ 309	\$ 461	\$ 503	\$ 634	\$ 798	\$ 1,006
Total ICT	\$ 681	\$ 759	\$ 866	\$ 991	\$ 1,249	\$ 1,499	\$ 1,967	\$ 2,265
Economic Ratios								
ICT/GDP	0.3%	0.4%	0.5%	0.6%	0.8%	1.0%	0.8%	0.9%
ICT/Capita	\$ 6.8	\$ 7.6	\$ 8.7	\$ 10.1	\$ 12.8	\$ 15.3	\$ 20.1	\$ 23.3
Software/Hardware Spending	11.1%	1.6%	12.2%	13.2%	18.5%	16.6%	16.1%	18.9%
IT Variables								
PCs Installed in Education	36,232	48,042	63,701	84,466	131,503	157,551	178,543	195,579
PCs Installed in Homes	22,686	35,214	54,661	84,847	131,704	178,848	201,996	219,526
PCs Installed in Business & Government	403,452	534,961	709,337	940,552	1,227,630	1,470,798	1,666,770	1,825,805
Total PCs Installed	462,369	618,216	827,699	1,109,865	1,490,837	1,807,197	2,047,309	2,240,910
Percent of PCs Networked	16.6%	23.7%	31.6%	34.7%	30.0%	25.8%	29.9%	33.1%
Telephone lines/HH	22.0%	25.0%	27.0%	32.0%	34.0%	37.0%	40.3%	43.7%

■ Other Latin America

	1992	1993	1994	1995	1996	1997	1998	1999
SPENDING (US\$M)								
ITHardware	\$ 551	\$ 711	\$ 863	\$ 1,235	\$ 1,608	\$ 1,892	\$ 2,042	\$ 2,132
Software	\$ 125	\$ 153	\$ 185	\$ 212	\$ 292	\$ 364	\$ 240	\$ 237
ITServices	\$ 261	\$ 302	\$ 343	\$ 310	\$ 407	\$ 477	\$ 482	\$ 553
Internal	\$ 201	\$ 210	\$ 225	\$ 243	\$ 256	\$ 260	\$ 242	\$ 358
Other Office Equipment	\$ 59	\$ 74	\$ 94	\$ 102	\$ 146	\$ 171	\$ 185	\$ 193
Total IT	\$ 1,197	\$ 1,450	\$ 1,710	\$ 2,102	\$ 2,709	\$ 3,163	\$ 3,191	\$ 3,473
Telecommunications	\$ 7,340	\$ 7,816	\$ 8,348	\$ 9,584	\$ 10,560	\$ 11,257	\$ 12,00	\$ 12,793
Total ICT	\$ 8,536	\$ 9,266	\$ 10,058	\$ 11,687	\$ 13,269	\$ 14,421	\$ 15,191	\$ 16,266
Economic Ratios								
ICT/GDP	4.9%	5.0%	5.9%	6.2%	7.1%	7.9%	4.9%	5.2%
ICT/Capita	\$ 75.7	\$ 80.3	\$ 85.3	\$ 97.5	\$ 108.9	\$ 116.1	\$ 119.9	\$ 125.9
Software/Hardware Spending	22.7%	21.5%	21.4%	17.2%	18.1%	19.2%	11.7%	11.1%
IT Variables								
PCs Installed in Education	67,464	85,730	108,942	138,439	175,923	225,217	260,754	294,476
PCs Installed in Homes	57,005	82,285	118,776	171,449	247,481	330,136	497,273	649,806
PCs Installed in Business & Government	372,703	473,615	601,850	764,805	971,881	1,244,207	1,440,532	1,641,621
Total PCs Installed	497,172	641,630	829,568	1,074,693	1,395,285	1,799,559	2,198,559	2,585,904
Percent of PCs Networked	11.3%	15.0%	18.3%	21.7%	26.0%	29.9%	35.0%	39.0%
Telephone lines/HH	17.0%	18.0%	19.0%	19.0%	22.0%	24.0%	25.4%	26.9%

■ Other Middle East/Africa

	1992	1993	1994	1995	1996	1997	1998	1999
SPENDING (US\$M)								
ITHardware	\$ 236	\$ 243	\$ 283	\$ 276	\$ 318	\$ 402	\$ 473	\$ 590
Software	\$ 36	\$ 39	\$ 49	\$ 59	\$ 64	\$ 79	\$ 88	\$ 103
ITServices	\$ 66	\$ 74	\$ 87	\$ 63	\$ 84	\$ 109	\$ 133	\$ 173
Internal	\$ 21	\$ 30	\$ 59	\$ 99	\$ 156	\$ 151	\$ 224	\$ 344
Other Office Equipment	\$ 25	\$ 25	\$ 31	\$ 33	\$ 29	\$ 36	\$ 43	\$ 53
Total IT	\$ 384	\$ 412	\$ 509	\$ 530	\$ 651	\$ 777	\$ 961	\$ 1,264
Telecommunications	\$ 7,784	\$ 6,914	\$ 7,499	\$ 8,746	\$ 9,884	\$ 10,152	\$ 10,428	\$ 10,711
Total ICT	\$ 8,168	\$ 7,326	\$ 8,008	\$ 9,276	\$ 10,535	\$ 10,929	\$ 11,388	\$ 11,975
Economic Ratios								
ICT/GDP	1.8%	2.0%	2.3%	2.4%	2.9%	3.3%	2.0%	2.1%
ICT/Capita	\$ 11.1	\$ 9.7	\$ 10.3	\$ 11.6	\$ 12.9	\$ 13.1	\$ 13.4	\$ 13.8
Software/Hardware Spending	15.4%	16.2%	17.2%	21.3%	20.1%	19.7%	18.5%	17.5%
IT Variables								
PCs Installed in Education	28,651	36,630	46,831	59,873	89,880	114,350	139,603	163,050
PCs Installed in Homes	16,906	27,607	45,083	73,621	120,224	357,244	447,361	471,282
PCs Installed in Business & Government	319,034	407,885	521,480	666,712	839,059	1,067,499	1,303,243	1,522,136
Total PCs Installed	364,591	472,122	613,395	800,207	1,049,162	1,539,093	1,890,207	2,156,469
Percent of PCs Networked	31.9%	34.3%	36.0%	41.2%	44.0%	51.0%	56.3%	60.5%
Telephone lines/HH	10.0%	9.0%	10.0%	11.0%	13.0%	13.0%	13.6%	14.5%

■ Philippines

	1992	1993	1994	1995	1996	1997	1998	1999
SPENDING (US\$M)								
ITHardware	\$ 169	\$ 180	\$ 249	\$ 430	\$ 625	\$ 619	\$ 388	\$ 509
Software	\$ 31	\$ 38	\$ 62	\$ 74	\$ 100	\$ 96	\$ 62	\$ 84
ITServices	\$ 42	\$ 48	\$ 72	\$ 68	\$ 96	\$ 99	\$ 66	\$ 67
Internal	\$ 153	\$ 175	\$ 204	\$ 234	\$ 233	\$ 232	\$ 204	\$ 270
Other Office Equipment	\$ 18	\$ 19	\$ 27	\$ 41	\$ 57	\$ 56	\$ 35	\$ 46
Total IT	\$ 412	\$ 460	\$ 614	\$ 846	\$ 1,111	\$ 1,101	\$ 755	\$ 977
Telecommunications	\$ 759	\$ 841	\$ 937	\$ 1,087	\$ 1,201	\$ 1,331	\$ 1,196	\$ 1,489
Total ICT	\$ 1,171	\$ 1,301	\$ 1,551	\$ 1,933	\$ 2,312	\$ 2,432	\$ 1,951	\$ 2,466
Economic Ratios								
ICT/GDP	2.2%	2.4%	2.4%	2.6%	2.8%	2.6%	2.2%	2.7%
ICT/Capita	\$ 18.4	\$ 19.9	\$ 23.2	\$ 28.2	\$ 33.0	\$ 33.6	\$ 26.7	\$ 33.6
Software/Hardware Spending	18.3%	21.1%	24.7%	17.3%	16.0%	15.5%	16.0%	16.6%
IT Variables								
PCs Installed in Education	18,165	19,913	25,284	32,248	42,027	52,410	65,170	57,188
PCs Installed in Homes	17,784	20,135	20,335	30,877	52,572	75,652	81,517	90,666
PCs Installed in Business & Government	193,821	212,469	269,782	344,083	448,433	559,220	613,847	723,699
Total PCs Installed	229,771	252,517	315,400	407,208	543,033	687,282	760,534	871,553
Percent of PCs Networked	26.2%	27.9%	33.7%	39.6%	30.0%	32.7%	37.8%	41.9%
Telephone lines/HH	3.0%	4.0%	5.0%	7.0%	8.0%	8.0%	8.4%	9.5%

■ Poland

	1992	1993	1994	1995	1996	1997	1998	1999
SPENDING (US\$M)								
ITHardware	\$ 524	\$ 545	\$ 643	\$ 822	\$ 984	\$ 1,127	\$ 1,339	\$ 1,438
Software	\$ 80	\$ 87	\$ 106	\$ 115	\$ 180	\$ 229	\$ 268	\$ 309
ITServices	\$ 135	\$ 152	\$ 178	\$ 213	\$ 341	\$ 428	\$ 486	\$ 515
Internal	\$ 267	\$ 334	\$ 402	\$ 458	\$ 502	\$ 528	\$ 702	\$ 705
Other Office Equipment	\$ 62	\$ 67	\$ 52	\$ 59	\$ 70	\$ 77	\$ 92	\$ 98
Total IT	\$ 1,068	\$ 1,184	\$ 1,381	\$ 1,667	\$ 2,076	\$ 2,389	\$ 2,886	\$ 3,066
Telecommunications	\$ 517	\$ 587	\$ 667	\$ 1,079	\$ 1,201	\$ 1,317	\$ 4,384	\$ 5,364
Total ICT	\$ 1,585	\$ 1,772	\$ 2,048	\$ 2,745	\$ 3,277	\$ 3,706	\$ 7,270	\$ 8,430
Economic Ratios								
ICT/GDP	1.9%	2.1%	2.2%	2.3%	2.4%	2.3%	4.4%	4.9%
ICT/Capita	\$ 41.3	\$ 46.0	\$ 53	\$ 71.1	\$ 84.9	\$ 95.9	\$ 187.8	\$ 217.4
Software/Hardware Spending	15.3%	15.9%	16.4%	4.0%	18.3%	0.3%	20.0%	21.5%
IT Variables								
PCs Installed in Education	36,160	44,816	55,544	68,840	100,178	123,994	150,477	180,179
PCs Installed in Homes	39,802	55,145	76,401	105,850	146,651	200,591	260,781	334,878
PCs Installed in Business & Government	402,653	499,041	618,502	766,561	935,203	1,157,531	1,404,761	1,682,034
Total PCs Installed	478,615	599,001	750,447	941,251	1,182,032	1,482,116	1,816,019	2,197,091
Percent of PCs Networked	16.6%	23.7%	31.6%	34.7%	30.0%	34.3%	38.6%	41.9%
Telephone lines/HH	25.0%	28.4%	32.1%	46.0%	51.5%	61.0%	63.8%	66.0%

■ Portugal

SPENDING (US\$M)	1992	1993	1994	1995	1996	1997	1998	1999
ITHardware	\$ 378	\$ 322	\$ 360	\$ 665	\$ 714	\$ 647	\$ 903	\$ 1,077
Software	\$ 132	\$ 120	\$ 126	\$ 161	\$ 160	\$ 157	\$ 187	\$ 203
ITServices	\$ 325	\$ 318	\$ 317	\$ 373	\$ 385	\$ 363	\$ 510	\$ 572
Internal	\$ 368	\$ 391	\$ 399	\$ 405	\$ 408	\$ 413	\$ 582	\$ 538
Other Office Equipment	\$ 142	\$ 123	\$ 172	\$ 190	\$ 160	\$ 158	\$ 221	\$ 263
Total IT	\$ 1,345	\$ 1,275	\$ 1,374	\$ 1,793	\$ 1,827	\$ 1,739	\$ 2,403	\$ 2,653
Telecommunications	\$ 1,211	\$ 1,121	\$ 2,524	\$ 3,188	\$ 3,532	\$ 3,487	\$ 3,587	\$ 3,761
Total ICT	\$ 2,556	\$ 2,396	\$ 3,899	\$ 4,981	\$ 5,359	\$ 5,226	\$ 5,990	\$ 6,414
Economic Ratios								
ICT/GDP	2.8%	2.9%	4.6%	5.0%	5.2%	4.8%	5.1%	5.3%
ICT/Capita	\$ 258.8	\$ 242.2	\$ 393.3	\$ 502.1	\$ 539.5	\$ 525.5	\$ 601.6	\$ 643.3
Software/Hardware Spending	35.0%	37.5%	34.9%	24.2%	22.4%	24.3%	20.7%	18.9%
IT Variables								
PCs Installed in Education	32,736	35,510	38,519	41,783	45,324	46,542	47,559	48,511
PCs Installed in Homes	120,069	151,138	190,246	239,475	301,442	327,379	352,485	402,871
PCs Installed in Business & Government	142,878	183,456	235,560	302,461	388,363	445,180	486,472	531,297
Total PCs Installed	295,682	370,104	464,325	583,719	735,129	819,101	886,516	982,680
Percent of PCs Networked	24.3%	27.2%	30.5%	36.2%	31.5%	34.4%	37.7%	39.9%
Telephone lines/HH	75.0%	79.0%	79.0%	77.0%	78.0%	79.0%	79.7%	79.8%

■ China (PRC)

SPENDING (US\$M)	1992	1993	1994	1995	1996	1997	1998	1999
ITHardware	\$ 2,848	\$ 2,154	\$ 3,366	\$ 4,059	\$ 5,066	\$ 7,006	\$ 8,074	\$ 9,634
Software	\$ 117	\$ 63	\$ 170	\$ 203	\$ 396	\$ 535	\$ 536	\$ 700
ITServices	\$ 85	\$ 108	\$ 203	\$ 253	\$ 220	\$ 298	\$ 402	\$ 580
Internal	\$ 314	\$ 378	\$ 404	\$ 439	\$ 495	\$ 557	\$ 560	\$ 904
Other Office Equipment	\$ 303	\$ 224	\$ 368	\$ 389	\$ 459	\$ 633	\$ 730	\$ 871
Total IT	\$ 3,668	\$ 2,928	\$ 4,512	\$ 5,343	\$ 6,636	\$ 9,030	\$ 10,301	\$ 12,689
Telecommunications	\$ 4,301	\$ 6,930	\$ 7,384	\$ 15,057	\$ 18,542	\$ 18,857	\$ 29,126	\$ 35,181
Total ICT	\$ 7,969	\$ 9,858	\$ 11,896	\$ 20,401	\$ 25,177	\$ 27,887	\$ 39,427	\$ 47,871
Economic Ratios								
ICT/GDP	1.9%	2.3%	2.2%	2.9%	3.1%	3.0%	4.3%	4.9%
ICT/Capita	\$ 6.7	\$ 8.2	\$ 9.8	\$ 16.6	\$ 20.2	\$ 22.3	\$ 31.4	\$ 38.0
Software/Hardware Spending	4.1%	2.9%	5.1%	5.0%	7.8%	7.6%	6.6%	7.3%
IT Variables								
PCs Installed in Education	93,009	130,350	214,312	315,422	449,007	635,075	977,389	1,118,901
PCs Installed in Homes	49,943	83,506	153,020	318,711	571,872	945,713	1,617,208	2,354,276
PCs Installed in Business & Government	826,475	1,158,286	1,904,364	2,802,822	3,989,849	5,643,241	7,067,817	8,933,036
Total PCs Installed	969,427	1,372,143	2,271,697	3,436,955	5,010,727	7,224,029	9,662,414	12,406,214
Percent of PCs Networked	12.7%	15.4%	27.1%	31.2%	18.8%	27.1%	31.9%	35.8%
Telephone lines/HH	2.0%	4.0%	6.0%	9.0%	13.0%	15.0%	17.0%	18.6%

■ Romania

SPENDING (US\$M)	1992	1993	1994	1995	1996	1997	1998	1999
ITHardware	\$ 110	\$ 114	\$ 137	\$ 110	\$ 132	\$ 140	\$ 164	\$ 167
Software	\$ 6	\$ 7	\$ 9	\$ 8	\$ 12	\$ 18	\$ 24	\$ 30
ITServices	\$ 7	\$ 8	\$ 9	\$ 8	\$ 9	\$ 14	\$ 19	\$ 26
Internal	\$ 38	\$ 39	\$ 43	\$ 47	\$ 51	\$ 54	\$ 62	\$ 76
Other Office Equipment	\$ 8	\$ 8	\$ 9	\$ 10	\$ 10	\$ 11	\$ 13	\$ 13
Total IT	\$ 169	\$ 176	\$ 206	\$ 182	\$ 214	\$ 236	\$ 281	\$ 313
Telecommunications	\$ 92	\$ 107	\$ 121	\$ 149	\$ 150	\$ 214	\$ 305	\$ 435
Total ICT	\$ 261	\$ 283	\$ 327	\$ 332	\$ 365	\$ 450	\$ 586	\$ 747
Economic Ratios								
ICT/GDP	1.0%	1.1%	1.1%	0.9%	1.0%	0.5%	1.3%	1.8%
ICT/Capita	\$ 11.5	\$ 12.4	\$ 14.4	\$ 14.6	\$ 16.1	\$ 19.9	\$ 26.1	\$ 33.4
Software/Hardware Spending	5.8%	.1%	6.2%	7.2%	9.2%	12.5%	14.4%	17.9%
IT Variables								
PCs Installed in Education	5,410	8,477	11,965	14,144	18,844	20,620	22,211	25,663
PCs Installed in Homes	2,538	4,539	7,312	9,866	12,778	16,016	18,142	24,072
PCs Installed in Business & Government	60,238	94,400	133,237	157,499	175,918	192,495	207,348	239,572
Total PCs Installed	68,185	107,416	152,515	181,509	207,540	229,131	247,701	289,307
Percent of PCs Networked	16.1%	23.0%	32.0%	34.7%	30.0%	25.5%	28.6%	31.1%
Telephone lines/HH	36.0%	36.0%	36.0%	36.0%	39.0%	41.0%	41.9%	43.0%

■ Russia

SPENDING (US\$M)	1992	1993	1994	1995	1996	1997	1998	1999
ITHardware	\$ 2,662	\$ 2,758	\$ 3,238	\$ 1,874	\$ 2,186	\$ 2,839	\$ 1,867	\$ 1,836
Software	\$ 238	\$ 257	\$ 314	\$ 174	\$ 194	\$ 226	\$ 178	\$ 150
ITServices	\$ 476	\$ 523	\$ 607	\$ 302	\$ 357	\$ 427	\$ 387	\$ 334
Internal	\$ 917	\$ 940	\$ 1,030	\$ 1,130	\$ 1,230	\$ 1,400	\$ 1,26	\$ 1,436
Other Office Equipment	\$ 60	\$ 83	\$ 214	\$ 239	\$ 254	\$ 294	\$ 193	\$ 190
Total IT	\$ 4,352	\$ 4,562	\$ 5,403	\$ 3,718	\$ 4,220	\$ 5,186	\$ 3,885	\$ 3,947
Telecommunications	\$ 2,433	\$ 2,813	\$ 3,194	\$ 2,469	\$ 2,965	\$ 3,276	\$ 3,618	\$ 3,997
Total ICT	\$ 6,785	\$ 7,375	\$ 8,597	\$ 6,188	\$ 7,185	\$ 8,461	\$ 7,504	\$ 7,944
Economic Ratios								
ICT/GDP	1.5%	1.9%	2.6%	1.7%	1.6%	1.7%	1.5%	1.6%
ICT/Capita	\$ 45.8	\$ 49.8	\$ 58.1	\$ 41.8	\$ 48.7	\$ 57.5	\$ 50.8	\$ 53.6
Software/Hardware Spending	8.9%	9.3%	9.7%	9.3%	8.9%	8.0%	9.5%	8.2%
IT Variables								
PCs Installed in Education	121,323	137,539	155,923	176,764	235,289	298,941	337,859	357,954
PCs Installed in Homes	17,680	36,045	73,486	149,821	305,449	523,742	605,398	726,295
PCs Installed in Business & Government	1,350,973	1,531,545	1,736,254	1,968,323	2,196,513	2,790,726	3,154,040	3,341,632
Total PCs Installed	1,489,975	1,705,129	1,965,663	2,294,908	2,737,251	3,613,409	4,097,297	4,425,881
Percent of PCs Networked	15.6%	23.0%	31.8%	34.7%	30.0%	39.7%	46.4%	51.0%
Telephone lines/HH	33.0%	35.0%	36.0%	38.0%	41.0%	43.0%	44.9%	46.9%

■ Saudi Arabia/Gulf States

SPENDING (US\$M)	1992	1993	1994	1995	1996	1997	1998	1999
ITHardware	\$ 578	\$ 598	\$ 695	\$ 654	\$ 736	\$ 886	\$ 537	\$ 607
Software	\$ 102	\$ 111	\$ 136	\$ 81	\$ 96	\$ 120	\$ 72	\$ 84
ITServices	\$ 193	\$ 221	\$ 264	\$ 374	\$ 450	\$ 554	\$ 457	\$ 546
Internal	\$ 326	\$ 35	\$ 358	\$ 386	\$ 428	\$ 404	\$ 171	\$ 496
Other Office Equipment	\$ 61	\$ 62	\$ 76	\$ 70	\$ 67	\$ 80	\$ 49	\$ 55
Total IT	\$ 1,262	\$ 1,347	\$ 1,529	\$ 1,566	\$ 1,777	\$ 2,045	\$ 1,285	\$ 1,788
Telecommunications	\$ 2,117	\$ 1,958	\$ 2,044	\$ 2,083	\$ 2,406	\$ 2,669	\$ 2,953	\$ 3,276
Total ICT	\$ 3,379	\$ 3,305	\$ 3,573	\$ 3,649	\$ 4,184	\$ 4,714	\$ 4,238	\$ 5,064
Economic Ratios								
ICT/GDP	2.2%	2.1%	2.3%	2.2%	2.2%	2.4%	2.1%	2.5%
ICT/Capita	\$ 178.1	\$ 169.9	\$ 179.4	\$ 177.5	\$ 198.3	\$ 215.5	\$ 188.1	\$ 109.1
Software/Hardware Spending	17.7%	18.5%	19.6%	12.4%	13.1%	13.6%	13.4%	13.9%
IT Variables								
PCs Installed in Education	10,627	14,480	19,730	26,883	28,345	43,008	54,936	62,737
PCs Installed in Homes	5,412	12,947	30,972	74,091	177,241	129,359	168,303	195,576
PCs Installed in Business & Government	118,339	161,242	219,699	299,349	264,610	401,497	512,848	585,671
Total PCs Installed	134,378	188,669	270,401	400,323	470,196	573,865	736,087	843,984
Percent of PCs Networked	25.2%	28.7%	31.2%	33.4%	33.8%	37.6%	42.1%	45.7%
Telephone lines/HH	44.0%	44.0%	45.0%	47.0%	52.0%	53.0%	54.7%	56.7%

■ Singapore

SPENDING (US\$M)	1992	1993	1994	1995	1996	1997	1998	1999
ITHardware	\$ 632	\$ 739	\$ 834	\$ 1,182	\$ 1,547	\$ 1,670	\$ 1,298	\$ 1,430
Software	\$ 117	\$ 171	\$ 212	\$ 298	\$ 405	\$ 470	\$ 415	\$ 518
ITServices	\$ 306	\$ 381	\$ 424	\$ 390	\$ 473	\$ 503	\$ 681	\$ 795
Internal	\$ 598	\$ 640	\$ 727	\$ 834	\$ 872	\$ 911	\$ 946	\$ 959
Other Office Equipment	\$ 67	\$ 77	\$ 91	\$ 113	\$ 140	\$ 151	\$ 117	\$ 129
Total IT	\$ 1,720	\$ 2,007	\$ 2,288	\$ 2,818	\$ 3,437	\$ 3,704	\$ 3,457	\$ 3,831
Telecommunications	\$ 1,662	\$ 1,914	\$ 2,384	\$ 2,917	\$ 3,189	\$ 3,700	\$ 3,971	\$ 4,193
Total ICT	\$ 3,383	\$ 3,921	\$ 4,672	\$ 5,735	\$ 6,626	\$ 7,404	\$ 7,429	\$ 8,025
Economic Ratios								
ICT/GDP	6.8%	6.7%	6.6%	6.7%	7.0%	7.2%	7.5%	7.7%
ICT/Capita	\$1,200.3	\$1,364.3	\$ 1,594.5	\$1,920.4	\$ 2,176.7	\$ 2,385.7	\$ 2,348.2	\$ 2,488.5
Software/Hardware Spending	18.5%	23.1%	25.4%	25.2%	26.2%	28.2%	31.9%	36.3%
IT Variables								
PCs Installed in Education	6,728	9,249	14,868	22,729	30,707	39,530	57,602	108,609
PCs Installed in Homes	14,611	25,633	47,968	93,773	164,839	235,510	265,697	284,454
PCs Installed in Business & Government	121,922	167,610	269,442	411,896	556,472	716,351	778,158	833,905
Total PCs Installed	143,260	202,492	332,278	528,399	752,019	991,390	1,101,457	1,226,969
Percent of PCs Networked	17.3%	25.4%	35.4%	44.1%	30.6%	36.8%	41.2%	44.7%
Telephone lines/HH	112.0%	114.0%	113.0%	116.0%	122.0%	125.0%	125.2%	125.1%

■ Slovakia

	1992	1993	1994	1995	1996	1997	1998	1999
SPENDING (US\$M)								
IT Hardware	\$ 151	\$ 154	\$ 176	\$ 202	\$ 249	\$ 222	\$ 177	\$ 182
Software	\$ 27	\$ 29	\$ 35	\$ 41	\$ 46	\$ 55	\$ 66	\$ 74
IT Services	\$ 44	\$ 49	\$ 58	\$ 52	\$ 59	\$ 67	\$ 126	\$ 141
Internal	\$ 81	\$ 85	\$ 88	\$ 89	\$ 88	\$ 86	\$ 126	\$ 140
Other Office Equipment	\$ 14	\$ 16	\$ 17	\$ 19	\$ 20	\$ 22	\$ 18	\$ 18
Total IT	\$ 316	\$ 332	\$ 375	\$ 403	\$ 461	\$ 452	\$ 513	\$ 554
Telecommunications	\$ 152	\$ 176	\$ 200	\$ 298	\$ 293	\$ 305	\$ 669	\$ 780
Total ICT	\$ 469	\$ 509	\$ 575	\$ 702	\$ 754	\$ 756	\$ 1,182	\$ 1,334
Economic Ratios								
ICT/GDP	4.0%	4.2%	4.2%	4.0%	4.0%	4.0%	5.4%	6.0%
ICT/Capita	\$ 88.3	\$ 95.3	\$ 107.3	\$ 130.8	\$ 140.2	\$ 140.7	\$ 219.8	\$ 248.0
Software/Hardware Spending	17.7%	18.8%	20.1%	20.2%	18.3%	24.8%	37.0%	40.5%
IT Variables								
PCs Installed in Education	8,137	9,611	11,353	13,410	18,599	21,015	21,902	22,325
PCs Installed in Homes	6,594	8,389	10,673	13,579	17,276	19,252	19,547	19,883
PCs Installed in Business & Government	90,607	107,026	126,420	149,329	173,630	196,180	204,466	208,413
Total PCs Installed	105,338	125,026	148,446	176,318	209,505	236,447	245,915	250,621
Percent of PCs Networked	16.0%	22.9%	30.9%	34.7%	30.0%	32.8%	35.9%	38.5%
Telephone lines/HH	34.0%	36.0%	40.0%	49.2%	57.0%	61.0%	61.1%	60.8%

■ Slovenia

	1992	1993	1994	1995	1996	1997	1998	1999
SPENDING (US\$M)								
IT Hardware	\$ 117	\$ 120	\$ 138	\$ 160	\$ 169	\$ 167	\$ 176	\$ 201
Software	\$ 23	\$ 25	\$ 31	\$ 36	\$ 43	\$ 48	\$ 54	\$ 59
IT Services	\$ 28	\$ 31	\$ 36	\$ 32	\$ 39	\$ 47	\$ 55	\$ 63
Internal	\$ 49	\$ 56	\$ 60	\$ 62	\$ 63	\$ 62	\$ 83	\$ 100
Other Office Equipment	\$ 17	\$ 18	\$ 19	\$ 20	\$ 21	\$ 22	\$ 23	\$ 27
Total IT	\$ 234	\$ 249	\$ 284	\$ 310	\$ 334	\$ 345	\$ 391	\$ 450
Telecommunications	\$ 115	\$ 133	\$ 152	\$ 237	\$ 248	\$ 272	\$ 338	\$ 437
Total ICT	\$ 349	\$ 383	\$ 435	\$ 547	\$ 582	\$ 617	\$ 729	\$ 887
Economic Ratios								
ICT/GDP	2.8%	3.0%	3.0%	2.9%	3.1%	3.3%	3.6%	4.3%
ICT/Capita	\$ 175.0	\$ 192.3	\$ 218.9	\$ 275.4	\$ 293.1	\$ 310.9	\$ 365.9	\$ 443.2
Software/Hardware Spending	20.1%	21.2%	22.5%	22.6%	25.5%	28.6%	30.3%	29.5%
IT Variables								
PCs Installed in Education	9,258	10,447	11,788	13,301	17,622	19,136	20,402	22,566
PCs Installed in Homes	4,183	6,011	8,637	12,412	17,836	25,953	39,080	55,103
PCs Installed in Business & Government	103,095	116,329	131,262	148,112	164,511	178,638	190,459	210,661
Total PCs Installed	116,537	132,787	151,688	173,825	199,969	223,727	249,941	288,330
Percent of PCs Networked	15.1%	21.5%	29.9%	34.7%	30.0%	34.8%	41.5%	46.1%
Telephone lines/HH	61.0%	64.0%	70.0%	76.0%	80.3%	85.0%	86.8%	88.3%

■ South Africa

	1992	1993	1994	1995	1996	1997	1998	1999
SPENDING (US\$M)								
ITHardware	\$ 1,227	\$ 1,321	\$ 1,558	\$ 1,525	\$ 1,631	\$ 1,717	\$ 2,210	\$ 2,329
Software	\$ 287	\$ 330	\$ 386	\$ 456	\$ 633	\$ 669	\$ 756	\$ 815
ITServices	\$ 876	\$ 938	\$ 1,100	\$ 997	\$ 1,202	\$ 1,472	\$ 1,571	\$ 1,879
Internal	\$ 1,212	\$ 1,295	\$ 1,328	\$ 1,446	\$ 1,485	\$ 1,528	\$ 1,792	\$ 1,766
Other Office Equipment	\$ 131	\$ 138	\$ 170	\$ 158	\$ 148	\$ 155	\$ 200	\$ 211
Total IT	\$ 3,734	\$ 4,021	\$ 4,541	\$ 4,581	\$ 5,098	\$ 5,541	\$ 6,529	\$ 6,999
Telecommunications	\$ 2,666	\$ 2,847	\$ 3,023	\$ 4,068	\$ 4,185	\$ 4,149	\$ 3,668	\$ 3,899
Total ICT	\$ 6,400	\$ 6,869	\$ 7,564	\$ 8,649	\$ 9,283	\$ 9,690	\$ 10,197	\$ 10,898
Economic Ratios								
ICT/GDP	5.4%	5.8%	6.2%	6.5%	7.3%	6.9%	6.8%	7.2%
ICT/Capita	\$ 160.9	\$ 173.3	\$ 187.1	\$ 209.7	\$ 219.0	\$ 223.6	\$ 230.2	\$ 240.6
Software/Hardware Spending	23.4%	25.0%	24.8%	29.9%	38.8%	39.0%	34.2%	35.0%
IT Variables								
PCs Installed in Education	40,428	53,328	70,345	92,792	143,718	181,833	249,917	273,914
PCs Installed in Homes	50,977	71,457	100,164	140,405	196,813	225,624	204,133	260,950
PCs Installed in Business & Government	450,177	593,827	783,314	1,033,266	1,341,659	1,697,476	2,333,066	2,557,085
Total PCs Installed	541,582	718,611	953,823	1,266,463	1,682,190	2,104,933	2,787,116	3,091,949
Percent of PCs Networked	26.5%	30.0%	32.5%	34.7%	30.0%	38.9%	43.2%	45.9%
Telephone lines/HH	48.0%	48.0%	49.0%	29.0%	29.0%	30.0%	30.7%	31.5%

■ Spain

	1992	1993	1994	1995	1996	1997	1998	1999
SPENDING (US\$M)								
ITHardware	\$ 3,776	\$ 2,721	\$ 2,441	\$ 3,301	\$ 3,636	\$ 3,587	\$ 3,954	\$ 4,234
Software	\$ 1,283	\$ 971	\$ 956	\$ 1,082	\$ 1,076	\$ 1,039	\$ 1,498	\$ 1,656
ITServices	\$ 2,644	\$ 2,337	\$ 2,175	\$ 2,276	\$ 2,449	\$ 2,357	\$ 3,295	\$ 3,681
Internal	\$ 2,055	\$ 2,280	\$ 2,320	\$ 2,316	\$ 2,321	\$ 2,327	\$ 2,655	\$ 2,467
Other Office Equipment	\$ 813	\$ 610	\$ 901	\$ 911	\$ 733	\$ 694	\$ 765	\$ 819
Total IT	\$10,572	\$ 8,919	\$ 8,793	\$ 9,886	\$ 10,215	\$ 10,004	\$ 12,167	\$ 12,857
Telecommunications	\$12,228	\$ 10,269	\$ 9,881	\$ 11,787	\$ 13,694	\$ 12,644	\$ 13,037	\$ 13,685
Total ICT	\$22,800	\$ 19,188	\$ 18,674	\$ 21,673	\$ 23,908	\$ 22,649	\$ 25,204	\$ 26,541
Economic Ratios								
ICT/GDP	3.9%	4.0%	3.9%	3.9%	4.1%	3.7%	4.0%	4.0%
ICT/Capita	\$ 584.5	\$ 490.9	\$ 477.0	\$ 552.7	\$ 608.8	\$ 576.0	\$ 640.2	\$ 673.3
Software/Hardware Spending	34.0%	35.7%	39.2%	32.8%	29.6%	29.0%	37.9%	39.1%
IT Variables								
PCs Installed in Education	123,175	133,614	144,937	157,220	170,543	175,125	206,000	240,000
PCs Installed in Homes	517,166	650,989	819,440	1,031,480	1,298,387	1,410,107	1,460,000	1,611,000
PCs Installed in Business & Government	560,702	719,947	924,419	1,186,963	1,524,072	1,747,042	1,951,000	2,193,000
Total PCs Installed	1,201,043	1,504,549	1,888,795	2,375,662	2,993,003	3,332,274	3,617,000	4,044,000
Percent of PCs Networked	18.7%	19.3%	25.8%	25.4%	32.6%	38.9%	42.0%	44.2%
Telephone lines/HH	86.8%	88.4%	91.2%	92.6%	94.4%	95.0%	95.7%	96.4%

■ Sweden

	1992	1993	1994	1995	1996	1997	1998	1999
SPENDING (US\$M)								
ITHardware	\$ 3,490	\$ 2,288	\$ 2,517	\$ 3,447	\$ 3,637	\$ 3,809	\$ 5,079	\$ 4,277
Software	\$ 842	\$ 661	\$ 733	\$ 907	\$ 968	\$ 942	\$ 1,518	\$ 1,664
ITServices	\$ 2,918	\$ 2,732	\$ 2,722	\$ 2,939	\$ 3,445	\$ 3,465	\$ 3,920	\$ 4,475
Internal	\$ 3,954	\$ 4,275	\$ 4,304	\$ 4,284	\$ 4,334	\$ 4,334	\$ 4,454	\$ 4,566
Other Office Equipment	\$ 305	\$ 227	\$ 373	\$ 387	\$ 284	\$ 282	\$ 376	\$ 317
Total IT	\$11,509	\$ 10,182	\$ 10,649	\$ 11,965	\$ 12,668	\$ 12,833	\$ 15,348	\$ 15,298
Telecommunications	\$ 7,337	\$ 5,701	\$ 5,159	\$ 5,950	\$ 6,736	\$ 6,294	\$ 6,303	\$ 6,544
Total ICT	\$18,846	\$ 15,883	\$ 15,808	\$ 17,915	\$ 19,404	\$ 19,127	\$ 21,650	\$ 21,842
Economic Ratios								
ICT/GDP	7.6%	8.5%	8.0%	7.8%	7.8%	6.9%	9.5%	9.3%
ICT/Capita	\$2,171.7	\$ 1,823.1	\$ 1,809.7	\$2,029.1	\$ 2,194.4	\$ 2,161.8	\$ 2,445.2	\$ 2,464.9
Software/Hardware Spending	24.1%	28.9%	29.1%	26.3%	26.6%	24.7%	29.9%	38.9%
IT Variables								
PCs Installed in Education	207,576	225,167	244,249	264,949	287,402	295,123	365,000	416,000
PCs Installed in Homes	458,197	576,761	726,004	913,866	1,150,340	1,249,321	2,050,000	2,394,000
PCs Installed in Business & Government	490,698	630,062	809,005	1,038,771	1,333,792	1,528,924	1,637,000	1,710,000
Total PCs Installed	1,156,471	1,431,990	1,779,259	2,217,586	2,771,534	3,073,368	4,052,000	4,520,000
Percent of PCs Networked	53.9%	62.5%	67.8%	52.4%	57.2%	56.6%	59.8%	62.0%
Telephone lines/HH	120.6%	117.6%	115.7%	114.4%	114.0%	115.0%	114.5%	114.3%

■ Switzerland

	1992	1993	1994	1995	1996	1997	1998	1999
SPENDING (US\$M)								
ITHardware	\$ 2,774	\$ 2,441	\$ 2,661	\$ 3,520	\$ 3,585	\$ 3,301	\$ 3,846	\$ 4,172
Software	\$ 1,082	\$ 1,105	\$ 1,367	\$ 1,714	\$ 1,582	\$ 1,483	\$ 2,119	\$ 2,286
ITServices	\$ 1,809	\$ 1,957	\$ 2,122	\$ 3,266	\$ 3,241	\$ 2,917	\$ 3,715	\$ 4,105
Internal	\$ 4,972	\$ 4,964	\$ 4,915	\$ 4,867	\$ 4,792	\$ 4,737	\$ 5,024	\$ 4,826
Other Office Equipment	\$ 392	\$ 359	\$ 349	\$ 356	\$ 342	\$ 366	\$ 426	\$ 462
Total IT	\$11,029	\$ 10,825	\$ 11,414	\$ 13,722	\$ 13,542	\$ 12,804	\$ 15,129	\$ 15,851
Telecommunications	\$ 7,485	\$ 7,483	\$ 6,661	\$ 7,908	\$ 8,015	\$ 7,344	\$ 7,637	\$ 7,917
Total ICT	\$18,514	\$ 18,308	\$ 18,075	\$ 21,631	\$ 21,557	\$ 20,149	\$ 22,767	\$ 23,768
Economic Ratios								
ICT/GDP	7.6%	7.7%	6.9%	7.0%	7.3%	6.8%	7.3%	7.5%
ICT/Capita	\$2,601.1	\$2,527.6	\$ 2,452.2	\$3,062.8	\$ 3,044.1	\$ 2,839.2	\$ 3,201.3	\$ 3,335.0
Software/Hardware Spending	39.0%	45.3%	51.4%	48.7%	44.1%	44.9%	55.1%	54.8%
IT Variables								
PCs Installed in Education	62,771	68,090	73,861	80,120	86,910	89,245	108,000	135,000
PCs Installed in Homes	424,489	534,331	672,596	846,638	1,065,715	1,157,414	1,248,000	1,377,000
PCs Installed in Business & Government	378,931	486,551	624,736	802,167	1,029,991	1,180,677	1,387,000	1,555,000
Total PCs Installed	866,191	1,088,972	1,371,192	1,728,925	2,182,616	2,427,336	2,743,000	3,067,000
Percent of PCs Networked	30.3%	33.3%	36.4%	31.9%	35.3%	40.0%	43.0%	45.1%
Telephone lines/HH	91.1%	94.5%	92.5%	89.8%	96.3%	97.0%	97.5%	97.8%

Taiwan

SPENDING (US\$M)	1992	1993	1994	1995	1996	1997	1998	1999
ITHardware	\$ 1,260	\$ 1,181	\$ 1,343	\$ 1,450	\$ 1,759	\$ 2,139	\$ 2,096	\$ 2,768
Software	\$ 156	\$ 160	\$ 213	\$ 204	\$ 246	\$ 326	\$ 370	\$ 528
ITServices	\$ 431	\$ 444	\$ 518	\$ 446	\$ 507	\$ 634	\$ 581	\$ 692
Internal	\$ 788	\$ 830	\$ 833	\$ 888	\$ 957	\$ 1,032	\$ 1,203	\$ 1,469
Other Office Equipment	\$ 134	\$ 123	\$ 147	\$ 139	\$ 159	\$ 193	\$ 189	\$ 250
Total IT	\$ 2,768	\$ 2,739	\$ 3,055	\$ 3,127	\$ 3,629	\$ 4,325	\$ 4,440	\$ 5,707
Telecommunications	\$ 5,017	\$ 5,552	\$ 6,053	\$ 6,058	\$ 6,513	\$ 7,791	\$ 8,956	\$ 10,310
Total ICT	\$ 7,784	\$ 8,290	\$ 9,108	\$ 9,185	\$ 10,142	\$ 12,116	\$ 13,396	\$ 16,017
Economic Ratios								
ICT/GDP	N/A	N/A	N/A	3.5%	3.6%	4.0%	4.2%	4.8%
ICT/Capita	\$ 375.1	\$ 395.8	\$ 431.1	\$ 431.1	\$ 471.2	\$ 557.2	\$ 610.9	\$ 724.2
Software/Hardware Spending	12.4%	13.6%	15.9%	14.1%	14.0%	15.3%	17.7%	19.1%
IT Variables								
PCs Installed in Education	98,732	99,450	102,272	109,098	122,354	142,226	294,340	416,358
PCs Installed in Homes	216,409	261,625	304,061	376,485	471,476	585,557	705,868	1,026,088
PCs Installed in Business & Government	824,482	830,481	854,041	911,047	1,021,739	1,187,685	1,752,073	1,534,799
Total PCs Installed	1,139,623	1,191,556	1,260,374	1,396,631	1,615,568	1,915,468	2,752,280	2,977,246
Percent of PCs Networked	44.8%	43.5%	45.2%	51.1%	28.1%	33.8%	38.5%	42.3%
Telephone lines/HH	100.7%	104.4%	108.9%	114.8%	117.0%	120.0%	121.8%	123.4%

Thailand

SPENDING (US\$M)	1992	1993	1994	1995	1996	1997	1998	1999
ITHardware	\$ 643	\$ 584	\$ 669	\$ 968	\$ 1,400	\$ 984	\$ 548	\$ 741
Software	\$ 79	\$ 90	\$ 108	\$ 176	\$ 266	\$ 195	\$ 105	\$ 182
ITServices	\$ 232	\$ 23	\$ 291	\$ 178	\$ 236	\$ 161	\$ 93	\$ 108
Internal	\$ 561	\$ 593	\$ 640	\$ 734	\$ 662	\$ 596	\$ 295	\$ 396
Other Office Equipment	\$ 68	\$ 61	\$ 73	\$ 92	\$ 127	\$ 89	\$ 50	\$ 67
Total IT	\$ 1,583	\$ 1,564	\$ 1,781	\$ 2,147	\$ 2,690	\$ 2,026	\$ 1,091	\$ 1,494
Telecommunications	\$ 1,647	\$ 1,844	\$ 2,076	\$ 2,317	\$ 2,524	\$ 2,344	\$ 2,052	\$ 2,359
Total ICT	\$ 3,230	\$ 3,408	\$ 3,857	\$ 4,464	\$ 5,214	\$ 4,370	\$ 3,142	\$ 3,853
Economic Ratios								
ICT/GDP	2.9%	2.7%	2.7%	2.7%	2.8%	2.2%	1.8%	2.1%
ICT/Capita	\$ 56.4	\$ 58.8	\$ 65.7	\$ 75.2	\$ 86.9	\$ 72.7	\$ 52.1	\$ 63.7
Software/Hardware Spending	12.3%	15.4%	16.1%	18.2%	19.0%	19.8%	19.2%	24.5%
IT Variables								
PCs Installed in Education	54,196	60,876	71,021	88,941	110,622	129,800	164,456	170,112
PCs Installed in Homes	22,284	33,518	47,056	73,232	106,482	126,837	143,993	160,105
PCs Installed in Business & Government	394,186	442,773	516,557	646,893	804,588	944,078	1,052,144	1,114,127
Total PCs Installed	470,666	537,167	634,634	809,065	1,021,692	1,200,714	1,360,592	1,444,344
Percent of PCs Networked	23.0%	27.6%	30.9%	38.1%	26.4%	25.2%	29.0%	32.0%
Telephone lines/HH	9.3%	11.3%	13.4%	16.7%	19.8%	24.0%	25.1%	25.7%

Turkey

SPENDING (US\$M)	1992	1993	1994	1995	1996	1997	1998	1999
ITHardware	\$ 953	\$ 674	\$ 434	\$ 487	\$ 653	\$ 846	\$ 984	\$ 1,227
Software	\$ 72	\$ 90	\$ 46	\$ 94	\$ 113	\$ 141	\$ 232	\$ 276
ITServices	\$ 107	\$ 132	\$ 101	\$ 64	\$ 127	\$ 186	\$ 277	\$ 355
Internal	\$ 196	\$ 173	\$ 179	\$ 202	\$ 223	\$ 247	\$ 315	\$ 359
Other Office Equipment	\$ 101	\$ 70	\$ 47	\$ 44	\$ 59	\$ 77	\$ 89	\$ 111
Total IT	\$ 1,430	\$ 1,139	\$ 807	\$ 891	\$ 1,175	\$ 1,496	\$ 1,897	\$ 2,328
Telecommunications	\$ 2,804	\$ 2,994	\$ 2,506	\$ 1,886	\$ 2,876	\$ 3,550	\$ 4,746	\$ 6,343
Total ICT	\$ 4,234	\$ 4,133	\$ 3,313	\$ 2,777	\$ 4,050	\$ 5,047	\$ 6,642	\$ 8,671
Economic Ratios								
ICT/GDP	2.7%	2.3%	2.5%	1.6%	2.2%	1.5%	2.0%	2.5%
ICT/Capita	\$ 72.3	\$ 69.0	\$ 54.2	\$ 44.4	\$ 63.4	\$ 80.3	\$ 99.5	\$ 122.4
Software/Hardware Spending	7.6%	13.4%	10.6%	19.3%	17.3%	16.7%	23.6%	22.5%
IT Variables								
PCs Installed in Education	26,602	31,061	36,267	42,345	58,052	67,711	92,946	94,986
PCs Installed in Homes	59	302	1,543	7,880	40,240	83,098	200,047	194,414
PCs Installed in Business & Government	296,227	345,874	403,842	471,525	541,941	632,110	867,686	886,727
Total PCs Installed	322,889	377,237	441,652	521,750	640,234	782,919	1,160,679	1,176,127
Percent of PCs Networked	36.9%	40.7%	48.0%	54.4%	52.0%	60.4%	72.4%	82.1%
Telephone lines/HH	56.9%	66.3%	67.7%	73.2%	74.0%	78.0%	80.2%	80.8%

United Kingdom

SPENDING (US\$M)	1992	1993	1994	1995	1996	1997	1998	1999
ITHardware	\$ 11,532	\$ 10,527	\$ 11,399	\$ 15,087	\$ 16,748	\$ 19,602	\$ 19,170	\$ 19,503
Software	\$ 4,882	\$ 4,431	\$ 4,977	\$ 6,579	\$ 7,478	\$ 8,779	\$ 9,139	\$ 10,362
ITServices	\$ 9,200	\$ 9,099	\$ 9,525	\$ 10,667	\$ 11,486	\$ 13,831	\$ 19,308	\$ 22,505
Internal	\$ 21,624	\$ 22,263	\$ 22,209	\$ 22,093	\$ 22,084	\$ 22,361	\$ 24,209	\$ 24,141
Other Office Equipment	\$ 1,933	\$ 1,552	\$ 2,281	\$ 2,302	\$ 1,951	\$ 2,020	\$ 1,975	\$ 2,010
Total IT	\$ 49,171	\$ 47,872	\$ 50,391	\$ 56,728	\$ 59,746	\$ 66,593	\$ 73,801	\$ 78,521
Telecommunications	\$ 26,369	\$ 23,119	\$ 24,655	\$ 28,756	\$ 31,743	\$ 35,533	\$ 37,271	\$ 38,326
Total ICT	\$ 75,540	\$ 70,990	\$ 75,046	\$ 85,484	\$ 91,489	\$ 102,126	\$ 111,072	\$ 116,847
Economic Ratios								
ICT/GDP	7.2%	7.5%	7.4%	7.8%	8.0%	8.4%	9.0%	9.3%
ICT/Capita	\$ 1,302.4	\$ 1,219.8	\$ 1,285.0	\$ 1,460.4	\$ 1,556.5	\$ 1,735.0	\$ 1,884.3	\$ 1,979.5
Software/Hardware Spending	42.3%	42.1%	43.7%	43.6%	44.6%	44.8%	47.7%	53.1%
IT Variables								
PCs Installed in Education	775,010	840,689	911,934	989,216	1,073,048	1,101,876	1,212,000	1,339,000
PCs Installed in Homes	2,485,083	3,128,128	3,937,569	4,956,461	6,239,005	6,775,839	7,515,000	8,635,000
PCs Installed in Business & Government	1,734,537	2,227,163	2,859,700	3,671,883	4,714,734	5,404,493	6,211,000	6,867,000
Total PCs Installed	4,994,631	6,195,980	7,709,202	9,617,560	12,026,787	13,282,208	14,938,000	16,841,000
Percent of PCs Networked	37.7%	40.3%	50.9%	47.8%	54.4%	61.5%	65.5%	68.4%
Telephone lines/HH	88.4%	89.6%	91.1%	92.4%	94.0%	94.0%	95.0%	95.5%

■ United States

SPENDING (US\$M)	1992	1993	1994	1995	1996	1997	1998	1999
ITHardware	\$ 70,741	\$ 80,965	\$ 89,792	\$ 105,670	\$ 128,874	\$ 138,611	\$ 159,477	\$ 169,186
Software	\$ 29,720	\$ 33,020	\$ 37,780	\$ 40,669	\$ 46,802	\$ 54,010	\$ 65,250	\$ 75,006
ITServices	\$ 73,257	\$ 82,417	\$ 88,818	\$ 98,091	\$ 107,260	\$ 124,013	\$ 145,115	\$ 160,271
Internal	\$ 104,994	\$ 102,599	\$ 101,767	\$ 100,787	\$ 99,410	\$ 98,515	\$ 110,088	\$ 105,522
Other Office Equipment	\$ 2,510	\$ 4,661	\$ 5,169	\$ 6,458	\$ 7,639	\$ 7,582	\$ 8,724	\$ 9,255
Total IT	\$281,222	\$303,662	\$ 323,326	\$351,675	\$389,985	\$422,731	\$ 488,654	\$ 519,240
Telecommunications	\$ 170,398	\$ 181,331	\$ 195,166	\$ 205,577	\$ 209,587	\$ 220,067	\$ 231,070	\$ 242,623
Total ICT	\$451,621	\$484,993	\$ 518,492	\$557,252	\$599,572	\$642,798	\$ 719,724	\$ 761,863
Economic Ratios								
ICT/GDP	7.5%	7.7%	7.7%	7.9%	8.2%	8.3%	8.7%	8.9%
ICT/Capita	\$ 1,768.4	\$ 1,879.2	\$ 1,989.6	\$ 2,118.5	\$ 2,258.7	\$ 2,399.4	\$ 2,662.0	\$ 2,792.1
Software/Hardware Spending	42.0%	40.8%	42.1%	38.5%	36.3%	39.0%	40.9%	44.3%
IT Variables								
PCs Installed in Education	3,228,109	3,775,684	4,416,142	5,900,000	5,704,314	5,947,194	8,399,000	10,416,000
PCs Installed in Homes	25,793,099	29,585,594	33,935,719	38,925,465	44,648,880	53,057,791	61,715,270	71,276,482
PCs Installed in Business & Government	29,049,145	34,679,859	41,401,997	49,427,115	59,007,773	70,389,830	81,566,338	95,729,152
Total PCs Installed	58,070,354	68,041,137	79,753,858	94,252,580	109,360,968	129,394,815	151,680,607	177,421,633
Percent of PCs Networked	46.5%	53.9%	59.3%	66.0%	68.5%	74.7%	77.9%	80.4%
Telephone lines/HH	93.8%	94.2%	93.8%	93.9%	93.9%	93.8%	94.2%	92.2%

■ Venezuela

SPENDING (US\$M)	1992	1993	1994	1995	1996	1997	1998	1999
ITHardware	\$ 417	\$ 347	\$ 236	\$ 344	\$ 463	\$ 632	\$ 689	\$ 684
Software	\$ 77	\$ 74	\$ 59	\$ 63	\$ 82	\$ 103	\$ 142	\$ 150
ITServices	\$ 200	\$ 194	\$ 184	\$ 170	\$ 180	\$ 198	\$ 553	\$ 630
Internal	\$ 305	\$ 283	\$ 302	\$ 328	\$ 359	\$ 393	\$ 447	\$ 479
Other Office Equipment	\$ 36	\$ 36	\$ 26	\$ 33	\$ 42	\$ 57	\$ 62	\$ 62
Total IT	\$ 1,036	\$ 934	\$ 807	\$ 937	\$ 1,127	\$ 1,383	\$ 1,893	\$ 2,003
Telecommunications	\$ 1,145	\$ 1,293	\$ 1,172	\$ 1,787	\$ 1,851	\$ 1,929	\$ 2,101	\$ 2,563
Total ICT	\$ 2,181	\$ 2,227	\$ 1,979	\$ 2,724	\$ 2,978	\$ 3,312	\$ 3,994	\$ 4,566
Economic Ratios								
ICT/GDP	3.6%	3.7%	3.4%	3.6%	4.4%	3.4%	2.8%	3.4%
ICT/Capita	\$ 106.7	\$ 06.5	\$ 92.6	\$ 125.9	\$ 131.1	\$ 144.2	\$ 171.8	\$ 194.2
Software/Hardware Spending	18.5%	21.3%	25.1%	18.3%	17.8%	16.3%	20.6%	21.9%
IT Variables								
PCs Installed in Education	32,783	36,799	41,308	46,368	52,049	61,866	72,890	76,074
PCs Installed in Homes	34,939	48,813	68,197	95,279	133,115	186,879	214,580	243,514
PCs Installed in Business & Government	249,888	280,502	314,867	353,442	396,743	471,572	555,606	647,772
Total PCs Installed	317,609	366,114	424,372	495,089	581,907	720,317	843,076	967,360
Percent of PCs Networked	9.7%	13.6%	20.2%	21.1%	26.8%	31.5%	35.9%	39.4%
Telephone lines/HH	33.5%	37.7%	40.5%	41.8%	44.7%	46.0%	48.5%	50.6%

■ Vietnam

	1992	1993	1994	1995	1996	1997	1998	1999
SPENDING (US\$M)								
IT Hardware	\$ 103	\$ 118	\$ 136	\$ 166	\$ 225	\$ 317	\$ 167	\$ 191
Software	\$ 5	\$ 6	\$ 7	\$ 8	\$ 12	\$ 22	\$ 16	\$ 17
IT Services	\$ 9	\$ 10	\$ 13	\$ 17	\$ 20	\$ 36	\$ 23	\$ 25
Internal	\$ 14	\$ 15	\$ 16	\$ 19	\$ 22	\$ 27	\$ 31	\$ 58
Other Office Equipment	\$ 12	\$ 13	\$ 15	\$ 17	\$ 20	\$ 29	\$ 15	\$ 17
Total IT	\$ 143	\$ 162	\$ 186	\$ 228	\$ 300	\$ 430	\$ 252	\$ 309
Telecommunications	\$ 75	\$ 160	\$ 264	\$ 512	\$ 701	\$ 921	\$ 1,061	\$ 1,426
Total ICT	\$ 218	\$ 322	\$ 450	\$ 740	\$ 1,001	\$ 1,351	\$ 1,313	\$ 1,735
Economic Ratios								
ICT/GDP	2.2%	2.5%	2.9%	3.7%	4.3%	5.0%	5.9%	7.4%
ICT/Capita	\$3.1	\$4.5	\$6.2	\$10.0	\$13.3	\$17.7	\$16.9	\$22.1
Software/Hardware Spending	5.0%	4.9%	5.0%	5.0%	5.5%	6.9%	9.9%	9.0%
IT Variables								
PCs Installed in Education	4,423	5,324	6,409	7,715	9,286	11,179	13,456	16,198
PCs Installed in Homes	19,269	23,065	24,315	30,235	41,955	54,951	56,665	55,811
PCs Installed in Business & Government	233,191	257,685	287,860	316,836	343,860	373,871	419,879	467,991
Total PCs Installed	256,883	286,074	318,583	354,786	395,102	440,000	490,000	540,000
Percent of PCs Networked	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Telephone lines/HH	1.0%	0.5%	1.1%	2.6%	3.9%	5.0%	4.5%	4.5%

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The Australian Information Industry Association (AIIA) leads and represents the information industry to maximize the potential of the Australian economy. AIIA has over 350 member companies that generate combined revenues of more than \$30 billion, employ over 100,000 Australians and whose exports exceed \$2 billion per annum. AIIA will host the World Congress on IT in Adelaide on 27 February - 1 March 2002. URL: <http://www.aiia.com.au/>.

Bangladesh Computer Samity (BCS), national IT industry organization was formed in the year 1987. The prime objective of the association is to unite and encourage all IT business organizations to join in one platform for achieving their common interest and encourage cooperation among them. BCS is dedicated to the growth of IT in Bangladesh and supplements governments' effort in the sector. The notable achievement of BCS is government's recognition of IT as the main growth sector of the country and to withdraw duty and taxes on computer hardware and software at production and import stages. URL: <http://www.samity.org>.



Information Service Industry Association of R.O.C. (CISA) is the sole representative body of Taiwan information service industries. Founded in 1983, CISA currently has more than 650 members. CISA endeavors to help its members create business opportunities and strengthen software industry's overall competitiveness throughout the improvement of industrial environment and the promotion of technology among business, government, educational institutes and individuals. URL: <http://www.cisanet.org.tw/english/index.html>.

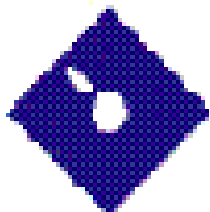


CSSA (Computing Services & Software Association): CSSA is the trade association representing the interests of more than 700 organizations who collectively employ in excess of 250,000 employees operating in the UK software and IT services sector. One of the fastest growing trade associations in the UK it has grown by over 120 members in the past year. Read about software and IT service news and views as well as policy and legislative issues affecting our industry sector at our web site: www.cssa.co.uk/.



FENIT (Federation of Dutch Enterprises in Information Technology): FENIT takes care of the interests of more than 200 Dutch companies in the IT sector. Together these companies represent a domestic turnover of 24 billion guilder (in 1999) and make up around 80% of the total Dutch IT market. FENIT is the only Dutch organization to pool the interests of companies operating in this sector. Due to its size, the organization virtually represents the entire sector's suppliers of hardware, software and IT services. URL: <http://www.fenit.nl/>.

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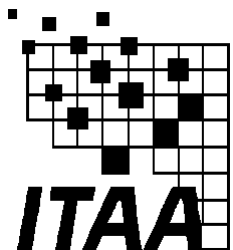
ISRAELI ASSOC. OF SOFTWARE HOUSES

The Israeli Association of Software Houses: Founded in 1982, IASH is the umbrella organization for Israeli software and IT companies, representing the common interests of its member companies. More than 100 members of IASH are a mixture of mature and leading companies as well as young and innovative ones. The principal goals of IASH are: to promote the professional and economic interests of the industry, to promote Israel as a world center for software development, to build bridges and encourage collaboration between Israel's software industry and potential counter-partners over the world. URL: <http://www.iash.org.il>



Information Industry
South Africa

Information Industry South Africa (IISA) is an umbrella association, bringing together most of the bodies that have constituents in South Africa's dynamic ICT sector, providing a forum to discuss mutual concerns, a channel for effective communication with government and other communities and opportunities to promote growth of the sector through conferences, exhibitions and other initiatives. IISA will host the WITSA Global Public Policy Conference in Cape Town on September 9-11, 2001. URL: <http://www.ita.org.za/>.



The Information Technology Association of America (ITAA): provides global public policy, business networking, and national leadership to promote the continued rapid growth of the IT industry. ITAA consists of 400 direct and 26,000 affiliate corporate members throughout the U.S., and a global network of 41 countries' IT associations. The Association plays the leading role in issues of IT industry concern including information security, taxes and finance policy, digital intellectual property protection, telecommunications competition, workforce and education, immigration, online privacy and consumer protection, government IT procurement, human resources and e-commerce policy. ITAA members range from the smallest IT start-ups to industry leaders in the Internet, software, IT services, ASP, digital content, systems integration, telecommunications, and enterprise solution fields. For more information visit www.ita.org.



Information Technology Association of Canada: ITAC is the voice of the Canadian information technology industry. Together with its partner organizations across the country, the association represents 1,300 companies in the computing and telecommunications hardware, software, services, and electronic content sectors. This network of companies accounts for more than 70% of the 512,000 jobs, \$116.4 billion in revenue, \$4.4 billion in R&D expenditure and \$27.4 billion in exports that IT contributes annually to the Canadian economy. URL: <http://www.itac.ca/>.



Information Technology Association of New Zealand: ITANZ is the New Zealand association of member organizations involved in the development, production, marketing and support of goods and services for the information technology and telecommunications sector. ITANZ works to improve and grow the market in the interests of all suppliers, through its role as the voice of the IT industry in New Zealand. URL: <http://www.itanz.org.nz/>.

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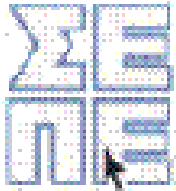
NASSCOM

National Association of Software
and Service Companies

Japan Information Service Industry Association: The Japan Information Service Industry Association (JISA) is the leading representative body of the Information Technology (IT) Services Industry of Japan. It has membership of 642 that comprises 562 regular members including major software developers, information processing service providers, database service providers and VAN service providers; and 80 associate members including leading IT hardware manufacturers, bankers, insurers, traders and common carriers. URL: <http://www.jisa.or.jp/>.



NASSCOM, National Association of Software and Services Companies, is the apex umbrella organization of IT software and service organizations in India. Formed in 1988, NASSCOM aims to be a catalyst for the growth of the software and dotcom driven IT industry in India. NASSCOM is a non-profit organization with over 716 member companies that collectively contribute to more than 95 per cent of revenues of Indian software industry. NASSCOM is internationally represented at WITSA (World Information Technology Services Alliance) and ASOCIO (Asian Ocean Computing Industry Organization). URL: www.nasscom.org



The Federation of Hellenic Information Technology Enterprises (SEPE) was established in 1995. Its main objective is to promote Information Technology and telecommunications in Greece. In order to shape the 21st century society in Greece as well as internationally, SEPE participates to the social dialogue with the Greek state and with many international organizations. SEPE participates in the Greek governmental Information Technology committee, whereas in 2004, it will organize the World Congress on Information Technology in Athens. SEPE represents most of the Information Technology and Telecommunications enterprises, with more than 95% of the country's turnover. URL: <http://www.sepe.gr/>.



EDS, a leader in the global information technology services industry for more than 35 years, delivers management consulting, electronic business solutions, business process management and systems and technology expertise to improve the performance of more than 9,000 business and government clients in 55 countries. EDS reported worldwide revenues of \$18.5 billion in 1999. More than 115,000 employees serve clients in multiple industries. For more information, view the corporate Web site at www.eds.com.

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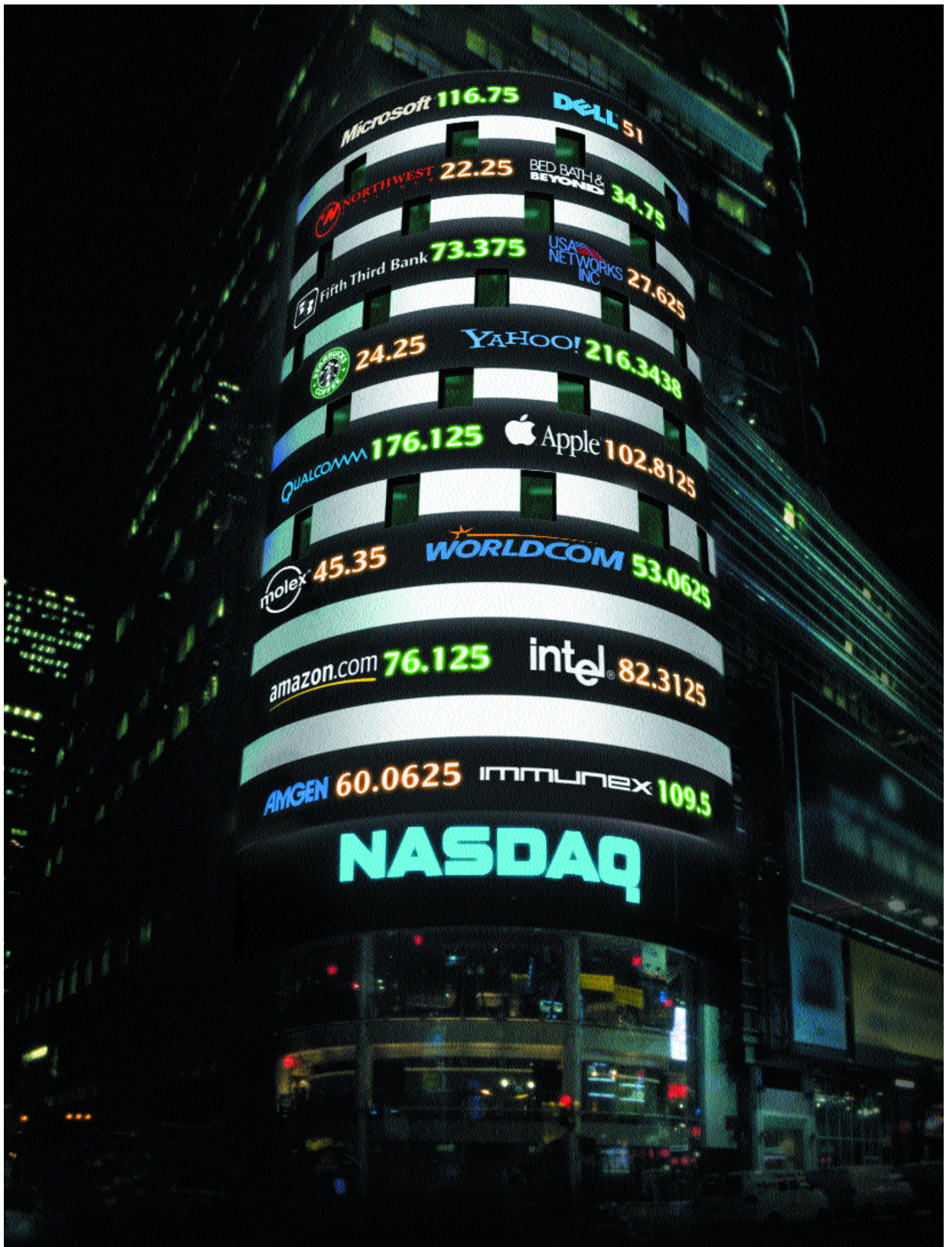
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