

Table 18. Power and transportation

Economy	Electric power						Goods transported by road		Goods transported by rail		Air passengers carried Thousands
	Consumption per capita		Transmission and distribution losses		Paved roads		Millions of ton-km hauled		Ton-km per \$ million of GDP (PPP)		
	Kilowatt-hours		% of output		% of total						
	1990	1997	1990	1997	1990	1998	1990	1998	1990	1998	1998
Albania	810	851	18	53	..	30.0	1,195	1,830	67,204	2,029	21
Algeria	449	566	14	15	67.0	68.9	14,000	..	23,449	..	3,382
Angola	60	64	25	28	25.0	25.0	..	..	..	..	553
Argentina	1,123	1,634	17	17	28.5	29.5	..	..	31,570	..	8,447
Armenia	2,545	1,141	16	21	99.2	100.0	..	213	419,134	53,150	365
Australia	7,572	8,307	7	6	35.0	38.7	..	..	76,786	..	30,186
Austria	5,587	6,051	6	6	100.0	100.0	13,300	15,700	86,340	79,889	5,872
Azerbaijan	2,584	1,631	13	23	..	92.3	..	706	..	..	669
Bangladesh	43	76	34	15	7.2	9.5	..	..	6,543	5,148	1,153
Belarus	3,700	2,607	11	15	95.8	95.6	..	9,747	1,094,182	469,369	226
Belgium	5,817	7,055	5	5	81.2	80.7	25,000	36,000	45,390	32,071	8,748
Benin	37	43	214	76	20.0	20.0	..	..	..	..	91
Bolivia	271	391	15	11	4.3	5.5	..	..	47,053	..	2,116
Botswana	..	..	..	..	32.0	23.5	..	..	..	..	124
Brazil	1,425	1,743	14	17	9.7	9.3	..	..	51,486	31,663	28,091
Bulgaria	4,046	3,203	11	14	91.6	92.0	13,823	307	303,350	154,935	828
Burkina Faso	..	..	..	..	16.6	16.0	..	..	..	..	102
Burundi	..	..	..	..	..	..	..	..	..	..	12
Cambodia	..	..	..	..	7.5	7.5	..	1,200	..	78,146	..
Cameroon	204	181	13	20	10.5	12.5	..	..	37,699	37,719	278
Canada	14,972	15,829	7	4	35.0	35.3	54,700	72,240	411,103	440,137	24,653
Central African Republic	..	..	..	..	..	2.7	144	60	..	..	91
Chad	..	..	..	..	0.8	0.8	..	..	..	..	98
Chile	1,178	2,011	11	9	13.8	13.8	..	..	23,140	7,959	5,150
China	471	714	7	8	..	..	..	..	667,164	304,775	53,234
Hong Kong, China	4,178	4,959	11	14	100.0	100.0	..	..	..	..	12,254
Colombia	751	885	21	22	11.9	12.0	6,227	..	2,113	1,945	9,290
Congo, Dem. Rep.	122	120	13	3	..	..	..	..	32,460	..	..
Congo, Rep.	254	197	0	1	9.7	9.7	..	..	189,871	..	241
Costa Rica	1,111	1,353	8	8	15.3	21.0	2,243	3,070	..	..	1,170
Côte d'Ivoire	158	181	18	16	8.7	9.7	..	..	15,674	19,827	162
Croatia	2,765	2,429	18	19	..	..	..	..	201,699	60,241	828
Czech Republic	4,649	4,817	7	8	100.0	100.0	..	33,912	..	143,684	1,601
Denmark	5,650	6,027	6	5	100.0	100.0	13,700	14,700	18,759	12,268	5,947
Dominican Republic	437	620	25	28	44.7	49.4	..	..	..	..	34
Ecuador	467	611	23	23	13.4	16.8	2,638	3,753	..	..	1,919
Egypt, Arab Rep.	697	803	12	12	72.0	78.1	31,400	31,500	21,444	20,062	3,895
El Salvador	358	537	16	13	14.4	19.8	..	..	..	..	1,694
Eritrea	..	..	..	..	19.4	21.8	..	..	..	..	..
Estonia	4,332	3,466	7	16	51.8	22.1	..	3,791	354,541	519,698	297
Ethiopia	21	21	1	1	15.0	15.0	..	..	2,120	..	790
Finland	11,822	13,689	5	4	61.0	64.0	26,300	25,400	97,605	92,017	6,771
France	5,321	6,060	7	6	..	100.0	190,500	237,200	51,687	43,309	42,232
Georgia	2,711	1,142	18	16	93.8	93.5	..	98	272,478	146,315	110
Germany	5,729	5,626	4	4	99.0	99.1	182,800	301,800	..	..	49,280
Ghana	301	276	1	0	19.6	24.1	..	..	6,191	..	210
Greece	2,802	3,493	8	9	91.7	91.8	78,900	96,200	5,763	2,196	6,403
Guatemala	242	404	16	13	24.9	27.6	..	..	..	..	506
Guinea	..	..	..	..	15.2	16.5	..	..	..	..	36
Haiti	61	42	31	43	21.9	24.3	..	..	..	..	..
Honduras	365	411	20	24	21.1	20.3	..	..	..	..	..
Hungary	3,048	2,840	14	13	50.4	43.4	1,836	14	177,696	74,713	1,749
India	254	363	18	18	47.3	45.7	..	..	199,742	137,082	16,521
Indonesia	156	329	15	12	46.0	46.3	..	..	9,570	9,125	12,614
Iran, Islamic Rep.	829	1,163	19	22	..	50.0	..	..	44,931	46,269	9,200
Ireland	3,385	4,559	9	8	94.0	94.1	5,100	5,500	14,784	4,875	10,401
Israel	3,902	5,069	5	9	100.0	100.0	..	..	16,931	9,605	3,699
Italy	3,784	4,315	8	7	100.0	100.0	177,900	207,200	20,143	18,885	27,463
Jamaica	686	2,170	18	11	64.0	70.7	..	..	..	..	1,454
Japan	6,125	7,241	4	4	69.2	74.9	274,444	306,263	11,356	7,854	101,701
Jordan	959	1,196	8	10	100.0	100.0	..	..	102,326	40,974	1,187
Kazakhstan	5,905	2,595	9	15	55.1	86.5	..	4,637	3,964,805	1,498,375	566
Kenya	115	127	16	17	12.8	13.9	..	..	80,740	41,917	1,138
Korea, Rep.	2,202	4,847	5	4	71.5	74.5	31,841	74,504	37,095	20,362	27,109
Kuwait	6,875	12,886	9	..	72.9	80.6	..	..	..	..	2,241
Kyrgyz Republic	1,900	1,372	8	34	90.0	91.1	..	350	..	..	620
Lao PDR	..	..	..	..	24.0	13.8	120	..	..	..	124
Latvia	3,281	1,758	18	29	13.4	38.6	..	4,108	854,603	788,435	229
Lebanon	369	1,930	7	13	95.0	95.0	..	..	..	..	716
Lesotho	..	..	..	..	18.0	17.9	..	..	..	..	28
Lithuania	3,228	1,818	5	11	81.8	91.0	..	5,611	..	346,800	259
Macedonia, FYR	..	..	..	..	58.9	63.8	1,708	1,210	62,004	47,137	489
Madagascar	..	..	..	..	15.4	11.6	..	..	..	..	601
Malawi	..	..	..	..	22.0	19.0	..	..	15,207	11,185	158
Malaysia	1,096	2,352	10	9	70.0	75.1	..	..	15,555	7,339	13,654

STATES AND MARKETS

Economy	Electric power				Paved roads		Goods transported by road		Goods transported by rail		Air passengers carried
	Consumption per capita		Transmission and distribution losses		% of total		Millions of ton-km hauled		Ton-km per \$ million of GDP (PPP)		Thousands
	1990	1997	1990	1997	1990	1998	1990	1998	1990	1998	1998
Mali	..	..	..	..	10.9	12.1	..	..	53,612	34,053	91
Mauritania	..	..	..	..	11.0	11.3	..	..	..	..	250
Mexico	1,204	1,459	12	14	35.1	29.7	108,884	154,083	68,768	62,102	17,717
Moldova	2,279	1,217	8	27	87.1	87.3	..	780	..	..	118
Mongolia	..	..	..	..	10.2	3.4	1,871	123	1,351,705	653,947	240
Morocco	340	423	9	4	49.1	52.3	2,638	2,086	67,356	49,613	3,012
Mozambique	35	47	16	31	16.8	18.7	..	110	..	..	201
Myanmar	43	57	26	35	10.9	12.2	..	..	..	..	333
Namibia	..	..	..	..	10.8	8.3	..	..	285,327	129,941	214
Nepal	28	39	29	28	37.5	41.5	..	..	..	..	754
Netherlands	4,917	5,736	4	4	88.0	90.0	31,800	45,000	12,187	9,938	18,676
New Zealand	8,087	8,380	11	11	57.0	58.1	..	..	49,742	51,977	8,655
Nicaragua	284	286	18	26	10.5	10.1	..	..	..	..	51
Niger	..	..	..	..	29.0	7.9	..	..	..	..	91
Nigeria	77	84	38	32	30.0	30.9	..	..	3,359	4,834	313
Norway	22,824	23,499	6	8	69.0	74.5	7,940	11,838	..	..	14,292
Pakistan	267	333	21	24	54.0	57.0	352	90,268	41,763	26,278	5,414
Panama	883	1,152	24	22	32.0	28.1	..	..	..	..	860
Papua New Guinea	..	..	..	..	3.2	3.5	..	..	..	..	1,110
Paraguay	470	759	0	2	8.5	9.5	..	..	..	..	222
Peru	491	607	18	16	9.9	12.9	..	..	8,138	4,757	2,775
Philippines	336	432	13	17	..	19.8	..	..	65	4	6,732
Poland	2,525	2,451	8	12	61.6	65.6	49,800	69,543	395,542	209,664	2,213
Portugal	2,379	3,206	11	10	..	..	12,200	13,500	13,550	13,975	7,023
Romania	2,337	1,704	9	12	51.0	67.6	13,800	15,785	345,140	146,252	908
Russian Federation	5,821	3,981	8	10	74.2	..	..	..	1,726,768	1,042,132	15,224
Rwanda	..	..	..	..	9.0	9.1	..	..	..	..	..
Saudi Arabia	3,181	4,085	9	8	40.6	30.1	..	..	4,324	3,843	11,816
Senegal	94	107	14	17	27.2	29.3	..	..	61,227	35,183	121
Sierra Leone	..	..	..	..	10.6	8.0	..	..	..	..	0
Singapore	4,792	7,944	3	4	97.1	97.3	..	..	..	..	13,331
Slovak Republic	4,432	4,243	8	9	98.7	99.0	4,180	4,750	..	224,788	107
Slovenia	4,875	4,955	6	5	72.0	90.6	3,440	325	120,357	92,945	460
South Africa	3,676	3,800	6	8	29.8	11.8	..	..	362,402	283,262	6,480
Spain	3,239	3,899	9	9	74.0	99.0	10,900	16,500	22,227	17,569	31,594
Sri Lanka	153	227	17	17	32.0	95.0	19	30	5,077	2,035	1,213
Sweden	14,061	14,042	6	7	71.0	77.5	26,500	33,100	122,858	99,690	11,878
Switzerland	6,997	6,885	6	6	..	..	10,400	13,250	..	..	14,299
Syrian Arab Republic	683	776	26	..	72.0	23.1	..	..	41,508	26,484	685
Tajikistan	3,346	2,177	9	12	71.6	82.7	..	..	..	..	592
Tanzania	51	54	20	14	37.0	4.2	..	..	77,249	71,671	220
Thailand	690	1,360	11	9	55.3	97.5	..	..	15,903	8,835	15,015
Togo	..	..	..	..	21.2	31.6	..	..	..	..	91
Tunisia	532	709	11	11	76.1	78.9	..	..	52,684	42,976	1,859
Turkey	801	1,275	12	18	..	28.0	..	152,210	30,183	20,310	9,949
Turkmenistan	2,293	934	8	11	73.5	81.2	..	..	..	..	521
Uganda	..	..	..	..	..	..	..	..	13,470	4,990	100
Ukraine	4,308	2,449	7	16	93.7	96.5	..	18,266	1,476,624	987,824	1,066
United Kingdom	4,768	5,241	8	7	100.0	100.0	133,000	152,500	17,203	..	61,940
United States	10,558	11,822	9	6	58.2	58.8	1,073,100	1,534,430	358,829	213,751	588,171
Uruguay	1,220	1,710	14	19	74.0	90.0	..	..	11,124	6,290	557
Uzbekistan	2,383	1,645	9	9	79.0	87.3	..	..	..	317,391	1,560
Venezuela, RB	2,307	2,488	18	21	35.6	33.6	..	..	..	354	3,737
Vietnam	94	203	24	18	23.5	25.1	..	..	18,124	11,367	2,304
Yemen, Rep.	108	93	12	26	9.1	8.1	..	..	..	..	765
Zambia	503	563	11	11	16.6	..	..	..	81,810	57,858	49
Zimbabwe	933	919	6	13	14.0	47.4	..	..	215,462	140,231	789
World	1,928 w	2,053 w	8 w	8 w	39.0 m	43.1 m					1,466,869 s
Low income	373	357	13	17	17.4	18.8					53,586
Middle income	1,243	1,340	9	11	50.5	49.7					292,223
Lower middle income	1,061	1,042	9	11	50.5	43.7					153,612
Upper middle income	1,926	2,434	10	12	50.4	47.1					138,611
Low and middle income	860	896	10	12	28.8	29.5					345,809
East Asia & Pacific	465	771	8	8	23.5	17.4					133,490
Europe & Central Asia	3,853	2,693	8	12	74.2	86.5					41,165
Latin America & Caribbean	1,131	1,402	14	16	21.9	26.0					89,378
Middle East & North Africa	920	1,159	13	13	67.0	50.2					40,144
South Asia	228	324	19	18	37.5	57.0					25,390
Sub-Saharan Africa	446	446	9	10	16.6	15.0					16,242
High income	7,294	8,238	7	6	86.3	93.9					1,121,061

Note: For data comparability and coverage, see the Technical Notes. Figures in italics are for years other than those specified.