

Table 1-1(a). **Levels of World Economic Performance, 1500-1992**

	1500	1820	1992
World Population (million)	425	1 068	5 441
GDP Per Capita (1990 \$)	565	651	5 145
World GDP (billion 1990 \$)	240	695	27 995
World Exports (billion 1990 \$)	n.a.	7	3 786

Source: 1820 and 1992 figures for population, GDP and GDP per capita from Appendix G, exports from Appendix I. West European population 1500 from Maddison (1991) p. 226 (the rest of Europe assumed to move parallel); population in 1500 in China, India and Japan from sources cited for 1820 in Appendix A (other Asia and Oceania assumed to move parallel); population in 1500 in the Americas from Rosenblat (1945) p. 92. African population growth rate 1500-1820 from Bennett (1954) Table 1. Per Capita GDP growth 1500-1820 assumed to be 0.2 per cent a year in Western Europe, 0.1 per cent in the rest of Europe and Latin America, 0.0 in Asia and Africa. For Western Europe the 0.2 per cent per capita hypothesis is taken from Kuznets (1973), pp. 139-40. For the other regions anything like 0.2 per cent would imply an implausibly low 1500 level of income in societies which in most cases had incomes enough above subsistence to provide for the maintenance of governing elites in some degree of luxury. For recent research on per capita income trends 1500-1820 see Maddison and Van der Wee (1994), see also Perkins (1969) for long-term developments in China.

Table 1-1(b). **Rates of World Economic Growth, 1500-1992**
(annual average compound growth rates)

	1500-1820	1820-1992
World Population	0.29	0.95
GDP Per Capita	0.04	1.21
World GDP	0.33	2.17
World Exports	n.a.	3.73

Source: Table 1-1a.

Table 1-3. GDP per Capita in 1990 International Dollars in the 56 Country Sample

	1820	1870	1900	1913	1950	1973	1992
12 Western European Countries							
Austria	1 295	1 875	2 901	3 488	3 731	11 308	17 160
Belgium	1 291	2 640	3 652	4 130	5 346	11 905	17 165
Denmark	1 225	1 927	2 902	3 764	6 683	13 416	18 293
Finland	759	1 107	1 620	2 050	4 131	10 768	14 646
France	1 218	1 858	2 849	3 452	5 221	12 940	17 959
Germany	1 112	1 913	3 134	3 833	4 281	13 152	19 351
Italy	1 092	1 467	1 746	2 507	3 425	10 409	16 229
Netherlands	1 561	2 640	3 533	3 950	5 850	12 763	16 898
Norway	1 004	1 303	1 762	2 275	4 969	10 229	17 543
Sweden	1 198	1 664	2 561	3 096	6 738	13 494	16 927
Switzerland	-	2 172	3 531	4 207	8 939	17 953	21 036
UK	1 756	3 263	4 593	5 032	6 847	11 992	15 738
Arith. Average	1 228	1 986	2 899	3 482	5 513	11 694	17 412
4 Western Offshoots							
Australia	1 528	3 801	4 299	5 505	7 218	12 485	16 237
Canada	893	1 620	2 758	4 213	7 047	13 644	18 159
New Zealand	-	3 115	4 320	5 178	8 495	12 575	13 947
USA	1 287	2 457	4 096	5 307	9 573	16 607	21 558
Arith. Average	1 236	2 748	3 868	5 051	8 083	13 828	17 475
5 South European Countries							
Greece	-	-	-	1 621	1 951	7 779	10 314
Ireland	954	1 773	2 495	2 733	3 518	7 023	11 711
Portugal	-	1 085	1 408	1 354	2 132	7 568	11 130
Spain	1 063	1 376	2 040	2 255	2 397	8 739	12 498
Turkey	-	-	-	979	1 299	2 739	4 422
Arith. Average	-	1 194*	1 676*	1 788	2 259	6 770	10 015
7 East European Countries							
Bulgaria	-	-	-	1 498	1 651	5 284	4 054
Czechoslovakia	849	1 164	1 729	2 096	3 501	7 036	6 845
Hungary	-	1 269	1 682	2 098	2 480	5 596	5 638
Poland	-	-	-	-	2 447	5 334	4 726
Romania	-	-	-	-	1 182	3 477	2 565
USSR	751	1 023	1 218	1 488	2 834	6 058	4 671
Yugoslavia	-	-	-	1 029	1 546	4 237	3 887
Arith. Average	-	876*	1 174*	1 527*	2 235	5 289	4 627

Table 1-3 (continued.) **GDP per Capita in 1990 International Dollars in the 56 Country Sample**

	1820	1870	1900	1913	1950	1973	1992
7 Latin American Countries							
Argentina	-	1 311	2 756	3 797	4 987	7 970	7 616
Brazil	670	740	704	839	1 673	3 913	4 637
Chile	-	-	1 949	2 653	3 827	5 028	7 238
Colombia	-	-	973	1 236	2 089	3 539	5 025
Mexico	760	710	1 157	1 467	2 085	4 189	5 112
Peru	-	-	817	1 037	2 263	3 953	2 854
Venezuela	-	-	821	1 104	7 424	10 717	9 163
Arith. Average	-	783*	1 311	1 733	3 478	5 017	5 949
11 Asian Countries							
Bangladesh	531	-	581	617	551	478	720
Burma	-	-	647 ^a	635	393	589	748
China	523	523	652	688	614	1 186	3 098
India	531	558	625	663	597	853	1 348
Indonesia	614	657	745	917	874	1 538	2 749
Japan	704	741	1 135	1 334	1 873	11 017	19 425
Pakistan	531	-	687	729	650	981	1 642
Philippines	-	-	1 033	1 418	1 293	1 956	2 213
South Korea	-	-	850	948	876	2 840	10 010
Taiwan	-	-	759	794	922	3 669	11 590
Thailand	-	717	812	846	848	1 750	4 694
Arith. Average	609*	638*	775	872	863	2 442	5 294
10 African Countries							
Côte d'Ivoire	-	-	-	-	859	1 727	1 134
Egypt	-	-	509	508	517	947	1 927
Ethiopia	-	-	-	-	277	412	300
Ghana	-	-	462	648	1 193	1 260	1 007
Kenya	-	-	-	-	609	947	1 055
Morocco	-	-	-	-	1 611	1 651	2 327
Nigeria	-	-	-	-	547	1 120	1 152
South Africa	-	-	-	1 451	2 251	3 844	3 451
Tanzania	-	-	-	-	427	655	601
Zaire	-	-	-	-	636	757	353
Arith. Average	-	-	-	-	893	1 332	1 331

a) 1901

* hypothetical average, assumes that average movement of GDP per capita in countries of the group with data-gaps, was the same as the average for the countries remaining in the sample.

Source: Appendix D. All figures in this table are adjusted to exclude the impact of frontier changes. See Appendix H for estimates without adjustment.

Table 1-4. **Falling Behind and Catching Up: Rates of Divergence from or Convergence towards the Per Capita GDP Level of the USA, 1820-1992**
(annual average compound rate of growth)

	1820-1913	1913-50	1950-92		1820-1913	1913-50	1950-92
Austria	-0.46	-1.40	1.71	Argentina	n.a	-0.85	-0.93
Belgium	-0.27	-0.89	0.85	Brazil	-1.27	0.27	0.50
Denmark	-0.32	-0.04	0.47	Chile	n.a.	-0.60	-0.42
Finland	-0.45	0.30	1.09	Colombia	n.a.	-0.18	0.16
France	-0.40	-0.48	1.01	Mexico	-0.81	-0.64	0.20
Germany	-0.19	-1.29	1.67	Peru	n.a.	0.52	-1.37
Italy	-0.63	-0.75	1.79	Venezuela	n.a.	3.62	-1.42
Netherlands	-0.52	-0.53	0.59				
Norway	-0.64	0.52	1.08	Bangladesh	-1.35	-1.88	-1.29
Sweden	-0.50	0.51	0.26	Burma	n.a.	-2.85	-0.40
Switzerland	n.a.	0.44	0.10	China	-1.22	-1.88	1.94
UK	-0.29	-0.76	0.05	India	-1.28	-1.86	0.00
				Indonesia	-1.09	-1.71	0.80
Australia	-0.15	-0.86	0.00	Japan	-0.83	-0.67	3.70
Canada	0.14	-0.20	0.32	Pakistan	-1.18	-1.89	0.27
New Zealand	n.a.	-0.26	-0.75	Philippines	n.a.	-1.83	-0.65
				South Korea	n.a.	-1.79	3.85
Greece	n.a.	-1.08	2.05	Taiwan	n.a.	-1.18	4.18
Ireland	-0.39	-0.81	0.93	Thailand	n.a.	-1.57	2.16
Portugal	n.a.	-0.37	2.02				
Spain	-0.71	-1.42	2.02	Côte d'Ivoire	n.a.	n.a.	-1.26
Turkey	n.a.	-0.83	0.99	Egypt	n.a.	-1.53	1.33
				Ethiopia	n.a.	n.a.	-1.73
Bulgaria	n.a.	-1.32	0.21	Ghana	n.a.	0.05	-2.31
Czechoslovakia	-0.55	-0.21	-0.34	Kenya	n.a.	n.a.	-0.62
Hungary	n.a.	-1.14	0.02	Morocco	n.a.	n.a.	-1.05
Poland	n.a.	n.a.	-0.37	Nigeria	n.a.	n.a.	-0.16
Romania	n.a.	n.a.	-0.09	South Africa	n.a.	-0.41	-0.81
USSR	-0.78	0.15	-0.74	Tanzania	n.a.	n.a.	-1.11
Yugoslavia	n.a.	-0.49	0.26	Zaire	n.a.	n.a.	-3.27

Source: Derived from Table I-3.

Table 1-5. **Private Consumption as a Share of GDP at Market Prices, 1992**
(percentages)

France	60.5	Argentina	80.5c
Germany	54.0	Brazil	64.7
Netherlands	60.3	Mexico	73.9
Sweden	53.9	Average	73.0
UK	64.1		
Average	58.6	China	52.4
		India	67.1
USA	67.4	Indonesia	53.0
		Japan	57.0
Portugal	62.9	Korea	52.7
Spain	63.2	Average	56.4
Czechoslovakia	51.1a	Egypt	79.5
USSR	55.1b	Ghana	84.9
Average	53.1	Morocco	67.0
		Nigeria	70.9
		South Africa	64.9
		Average	73.4

a) 1990; b) 1989; c) 1991

Source: OECD countries from OECD, *National Accounts*, Czechoslovakia and USSR from Marer and Associates (1992), other countries from World Bank, *World Tables*.

**Table 1-6. Factors Affecting Real Income and Productivity Performance Levels
in Six Advanced Countries in 1992**
(USA = 100)

	France	Germany	Japan	Netherlands	UK	USA
GDP Per Capita	83	90	90	78	73	100
Labour Input Per Capita	82	95	131	79	89	100
GDP Per Hour Worked	102	95	69	99	82	100
Non-Residential Capital Stock Per Person Employed	92	91	101	78	58	100
Educational Level	88	67	82	74	78	100
Commodity Exports Per Person Employed	276	371	123	563	202	100
Scale of Domestic Economy	19	23	44	5	17	100
Land Area Per Person Employed	31	11	8	7	12	100

Source: Appendices C, J, K, Maddison (1995a) and sources cited in Chapters 2 and 3.

Table 1-7. Vital Statistics, 1820-1992

	Births per 100 Population			Years of Life Expectancy at Birth Average for Both Sexes		
	1820	1900	1992	1820	1900	1992
France	3.17	2.13	1.30	40	47	77
Germany	3.99	3.56	1.11	n.a.	47	76
Netherlands	3.50	3.16	1.30	32	52	77
Sweden	3.30	2.70	1.42	35	56	78
UK	3.03	2.87	1.37a	39	51	76
Canada	5.69	2.72	1.47	n.a.	n.a.	78
USA	5.52	3.23	1.59	n.a.	47	77
Spain	n.a.	3.39	1.01a	n.a.	35	77
Russia	n.a.	4.93	0.94	n.a.	32	64
Brazil	n.a.	4.60	2.67e	n.a.	37b	66
Mexico	n.a.	4.69	2.74e	n.a.	33c	70
China	n.a.	n.a.	2.17e	n.a.	n.a.	69
India	n.a.	4.60	3.00e	n.a.	24	61
Japan	n.a.	3.17	0.97	35d	44	79
Ethiopia	n.a.	n.a.	5.14a	n.a.	n.a.	49
Egypt	n.a.	4.52	3.08e	n.a.	n.a.	62

a) 1991; b) 1920; c) 1930; d) 1850; e) "most recent" estimate as given by World Bank (1992).

Source: Maddison (1991 and 1995c), World Bank *Social Indicators of Development 1991-92*, Washington, D.C., 1992, and national sources.

Table 1-8. **The Ten Leading Economies in 1820 and 1992**

	GPD (million 1990 \$)	GDP as Per Cent of World Total %	Population (000s)	Population as Share of World Total %
1820				
1. China	199 212	28.7	381 000	35.5
2. India	110 982	16.0	209 000	19.6
3. France	37 397	5.4	30 698	2.9
4. UK	36 164	5.2	21 240	2.0
5. Russia	33 779	4.9	45 005	4.2
6. Japan	21 831	3.1	31 000	2.9
7. Austria	13 460	1.9	14 268	1.3
8. Spain	12 975	1.9	12 203	1.1
9. USA	12 432	1.8	9 656	0.9
10. Prussia	11 864	1.7	11 214	1.1
Top Ten Total	490 096	70.5	765 284	71.7
World	694 772	100.0	1 067 894	100.0
1992				
1. USA	5 675 617	20.3	255 610	4.7
2. China	3 615 603	12.9	1 167 000	20.9
3. Japan	2 417 603	8.6	124 336	2.3
4. Germany	1 359 696	4.9	80 576	1.5
5. India	1 188 096	4.2	881 2001	6.2
6. France	1 030 356	3.7	57 372	1.1
7. Italy	939 685	3.4	57 900	1.1
8. UK	927 772	3.3	57 848	1.1
9. Russia	801 837	2.9	149 400	2.7
10. Brazil	756 014	2.7	156 012	2.9
Top Ten Total	18 712 219	66.8	2 987 254	54.9
World	28 000 037	100.0	5 440 983	100.0

Source: As these estimates refer to countries within the boundaries of the years specified, they are taken from Tables H2 and H3 for France, Germany, India, Russia and the UK. Otherwise from Appendices A and C. "Austria" refers to the Austrian half of the Austro-Hungarian Empire. The Polish and Finnish provinces are not included in the 1820 figure for Russia.