

# EIR Physical Economy Survey

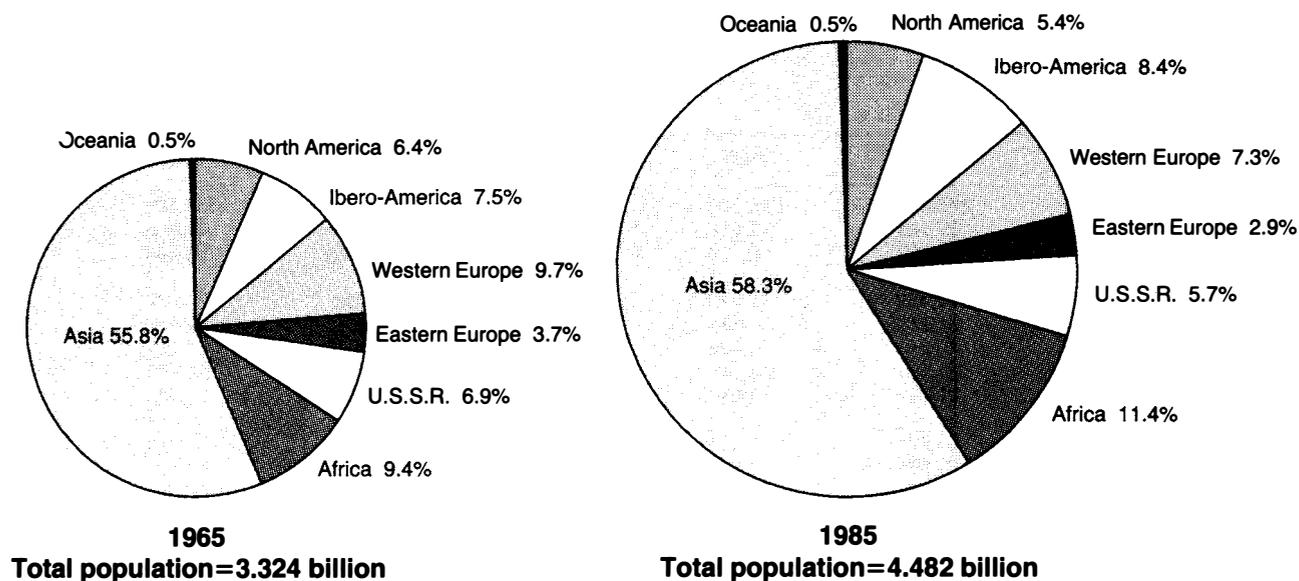
## Statistical survey of world population

EIR's Statistical Survey of Physical Economy is designed to meet several needs that are encountered among several classes of our readers.

Chief among them is this. The world financial system is truly bankrupt. More than \$22 trillion of debt and speculation, and another nearly \$6 trillion in "contingent liabilities" of the U.S. government, have been accumulated on the back

of the dollar credit sector alone. The claims generated by the combination of debt and speculative activity during any one quarter exceed the economy's annual production of new wealth. The debt and speculative claims are unserviceable, fictitious; they are in the process of collapsing under the general deflation triggered last Sept. 15 with the default of the Canadian "developer" Robert Campeau.

FIGURE 1  
World population in 1965 and 1985



Source: United Nations Organization Statistical Office, *Population Prospects*, 1985.

TABLE 1  
**Total population**  
 (1,000s)

	1960	1965	1970	1975	1980	1985
World	3,013,816	3,323,641	3,683,456	4,076,045	4,453,158	4,842,048
North America	198,663	214,042	226,565	238,818	251,887	263,404
Ibero-America	216,794	249,356	283,764	321,636	362,130	406,223
Central America and Caribbean	69,921	80,814	93,115	107,405	121,843	137,398
South America	146,874	168,542	190,650	214,231	240,288	268,826
Europe	425,129	444,956	459,425	474,402	483,938	492,009
Western Europe	308,403	323,598	333,604	344,444	349,094	352,841
Eastern Europe	116,726	121,358	125,821	129,958	134,843	139,169
Eastern Europe and U.S.S.R.	331,061	352,298	367,521	383,351	400,336	417,542
U.S.S.R.	214,335	230,940	241,700	253,393	265,493	278,373
Africa	277,541	313,615	357,312	409,781	475,983	553,210
Asia	1,665,573	1,853,216	2,095,361	2,356,817	2,590,697	2,824,008
India	431,463	488,777	551,323	618,826	688,956	761,175
China	667,322	728,568	828,894	932,997	1,002,803	1,063,105
Oceania	15,782	17,516	19,329	21,199	23,030	24,820

Source: United Nations Organization Statistical Office, *Population Prospects*, 1985

So far, the Anglo-American financial establishment continues to insist that its Bush administration can do the job, and keep the collapse in progress "under control." This is no more true now than it was when King Canute ordered the waves to stop rolling in toward the shore.

Whether establishment and government are yet prepared to face the matter or not, the question to be faced is, what kind of economics will succeed their doomed usurious system? What kind of actual economic problems will have to be solved, worldwide, after their system of usury destroys

TABLE 2  
**Births**  
 (1,000s)

	1960	1965	1970	1975	1980	1985
World	568,350	615,387	634,243	615,968	633,708	657,297
North America	23,568	20,211	19,152	20,011	20,613	21,164
Ibero-America	47,832	50,324	53,535	56,931	61,004	64,152
Central America and Caribbean	16,462	18,290	20,035	20,430	21,522	22,732
South America	31,371	32,034	33,500	36,501	39,482	41,420
Europe	40,641	40,096	37,690	34,533	34,225	34,017
Western Europe	29,589	29,241	26,710	22,773	22,830	23,081
Eastern Europe	11,053	10,854	10,980	11,760	11,395	10,936
Eastern Europe and U.S.S.R.	35,921	31,674	32,995	35,488	36,915	36,784
U.S.S.R.	24,869	20,820	22,014	23,727	25,520	25,848
Africa	71,375	80,224	90,175	103,923	119,321	136,633
Asia	357,841	401,459	409,160	374,425	370,498	372,858
India	108,377	112,326	116,032	117,916	120,477	119,016
China	129,978	157,934	150,369	106,566	95,480	93,535
Oceania	2,223	2,253	2,517	2,417	2,527	2,625

Source: United Nations Organization Statistical Office, *Population Prospects*, 1985

TABLE 3  
Deaths  
(1,000s)

	1960	1965	1970	1975	1980	1985
World	259,665	253,143	246,393	242,743	247,089	253,377
North America	9,541	10,255	10,794	11,169	11,725	11,982
Ibero-America	14,268	14,561	14,757	15,126	15,747	16,349
Central America and Caribbean	4,602	4,730	4,839	4,850	4,949	5,088
South America	9,666	9,831	9,919	10,276	10,799	11,261
Europe	22,148	23,224	24,351	25,198	26,197	26,532
Western Europe	16,561	17,319	17,931	18,562	19,127	19,413
Eastern Europe	5,588	5,905	6,420	6,636	7,069	7,118
Eastern Europe and U.S.S.R.	13,580	14,886	16,231	18,264	19,709	20,030
U.S.S.R.	7,993	8,980	9,812	11,628	12,640	12,912
Africa	34,412	36,054	37,778	39,912	42,360	44,684
Asia	170,426	159,128	147,957	138,716	137,411	139,864
India	51,062	49,779	48,526	47,786	48,258	48,243
China	68,734	57,607	46,263	36,761	35,178	37,015
Oceania	0,877	0,941	0,944	0,994	1,009	1,054

Source: United Nations Organization Statistical Office, *Population Prospects*, 1985

itself?

Statistics are, of course, in and of themselves an inferior form. Counting arrays of objects is a very limited form of activity. And, the reliability of the numbers is always open to question. Nevertheless, we are providing in assembled

form, from the data bases of various international institutions, a selection of data, which will, no doubt, be found to be useful—useful in that such data will help to shift thinking away from the so-called “economics” of money prices and money costs, the collapsing monetarist economics, toward

TABLE 4  
Population of people age 15-64  
(1,000s)

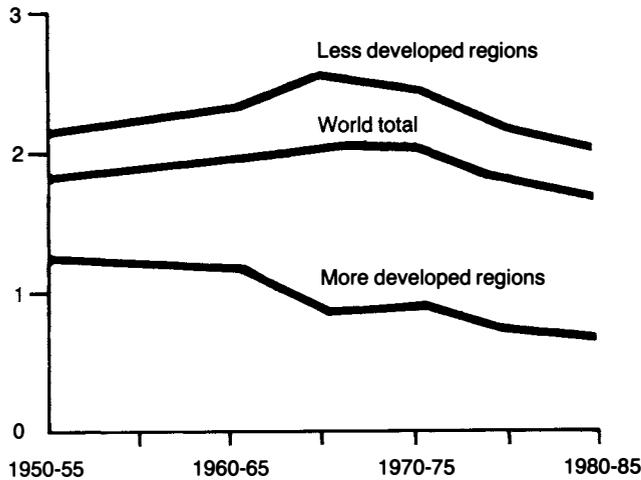
	1960	1965	1970	1975	1980	1985
World	1,731,554	1,891,824	2,094,466	2,338,816	2,609,774	2,932,892
North America	118,529	128,316	140,333	153,765	167,117	175,929
Ibero-America	116,980	132,804	152,339	176,206	203,962	233,855
Central America and Caribbean	36,586	41,503	47,511	55,344	64,856	76,117
South America	80,394	91,301	104,828	120,862	139,106	157,738
Europe	274,127	285,758	292,563	302,660	313,046	327,917
Western Europe	199,934	208,400	211,126	217,910	225,702	236,057
Eastern Europe	74,193	77,358	81,437	84,750	87,344	91,861
Eastern Europe and U.S.S.R.	208,285	220,695	235,025	249,192	261,545	275,293
U.S.S.R.	134,092	143,337	153,588	164,442	174,201	183,432
Africa	148,286	165,439	185,970	212,666	246,133	285,101
Asia	930,127	1,025,679	1,157,969	1,316,054	1,490,909	1,710,932
India	235,654	266,725	301,838	345,483	396,594	450,531
China	377,550	406,113	459,804	521,532	586,065	681,761
Oceania	9,412	10,491	11,704	13,022	14,407	15,726

Source: United Nations Organization Statistical Office, *Population Prospects*, 1985

FIGURE 2

**Average annual population growth rates in more developed and less developed regions, 1950-85\***

(growth rate as a percent)



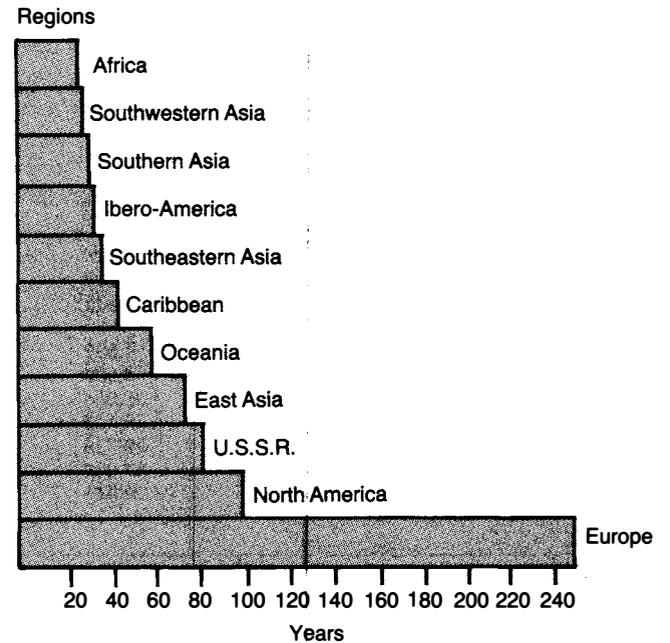
\*More developed regions include Europe, North America, Australia, Japan, New Zealand, and U.S.S.R. Less developed regions include Africa, Asia, Ibero-America, and Oceania.

Source: World Resources Institute, *World Resources 1986*.

the considerations of physical economy, land cultivation and use, water management and availability, population and demographics, employment, power availability and use, pro-

FIGURE 3

**Population doubling times by regions, at current rates of growth**



Source: World Resources Institute, *World Resources 1987*.

duction, and consumption of agricultural and industrial commodities.

The statistical tables provided will be accompanied by

TABLE 5

**Male population (1,000s)**

	1960	1965	1970	1975	1980	1985
World	1,505,406	1,662,143	1,843,514	2,042,238	2,233,705	2,431,555
North America	98,436	105,535	111,133	116,753	122,899	128,653
Ibero-America	108,704	124,932	142,113	160,951	181,093	203,045
Central America and Caribbean	35,047	40,487	46,690	53,847	61,063	68,857
South America	73,657	84,445	95,423	107,104	120,030	134,188
Europe	205,491	215,794	223,249	230,853	235,981	240,413
Western Europe	149,236	157,062	162,176	167,605	170,135	172,318
Eastern Europe	56,255	58,732	61,073	63,248	65,847	68,095
Eastern Europe and U.S.S.R.	153,135	164,334	172,383	180,860	189,965	199,573
U.S.S.R.	96,880	105,602	111,310	117,612	124,118	131,477
Africa	136,984	154,998	176,638	202,939	236,010	274,678
Asia	850,878	946,398	1,069,274	1,202,419	1,321,961	1,440,756
India	223,620	252,873	285,299	320,303	356,630	393,879
China	342,357	374,022	424,726	477,222	512,197	542,237
Oceania	8,031	8,885	9,797	10,710	11,642	12,533

Source: United Nations Organization Statistical Office, *Population Prospects*, 1985

TABLE 6  
**Female population**  
 (1,000s)

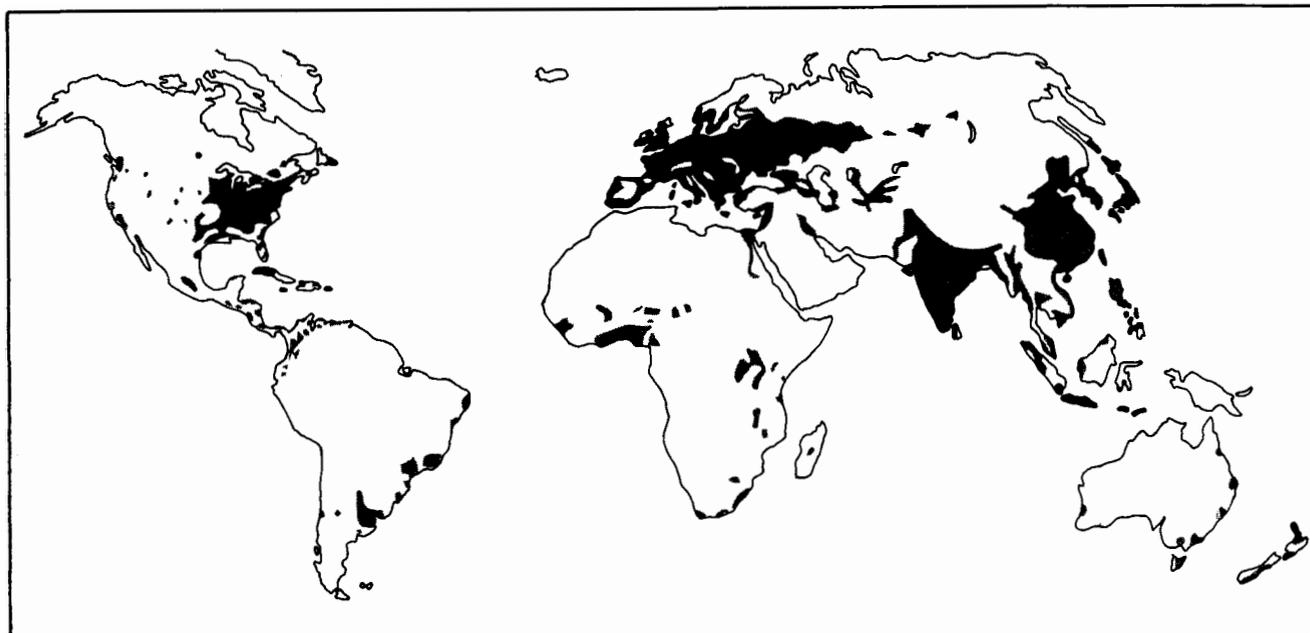
	1960	1965	1970	1975	1980	1985
World	1,508,411	1,661,498	1,839,942	2,033,808	2,219,453	2,410,493
North America	100,227	108,507	115,432	122,065	128,988	134,751
Ibero-America	108,090	124,424	141,652	160,685	181,037	203,179
Central America and Caribbean	34,873	40,326	46,425	53,558	60,780	68,541
South America	73,216	84,098	95,227	107,127	120,257	134,638
Europe	219,637	229,162	236,176	243,548	247,957	251,596
Western Europe	159,167	166,536	171,428	176,839	178,960	180,523
Eastern Europe	60,470	62,627	64,748	66,709	68,997	71,073
Eastern Europe and U.S.S.R.	177,925	187,965	195,138	202,490	210,372	217,969
U.S.S.R.	117,455	125,338	130,390	135,781	141,375	146,895
Africa	140,557	158,617	180,673	206,841	239,973	278,533
Asia	814,695	906,818	1,026,087	1,154,398	1,268,735	1,383,252
India	207,842	235,904	266,024	298,523	332,326	367,296
China	324,964	354,546	404,168	455,775	490,607	520,868
Oceania	7,750	8,631	9,532	10,489	11,388	12,287

Source: United Nations Organization Statistical Office, *Population Prospects*, 1985

illustrative maps and charts. Some readers may find such useful, for example as the series proceeds, for the preparation of class or lecture material. Others may, in different circumstances, be more interested in what can be assessed from

such data as to investment and other opportunities that ought to be coming up, in light of what can be assessed about the world's requirements. The data tables are available to subscribers, for a small charge, on computer diskette. This

FIGURE 4  
**Areas of population concentration**



Source: George F. Deasy, et al., *The World's Nations*.

TABLE 7

**Females of child-bearing age**

(1,000s)

	1960	1965	1970	1975	1980	1985
World	705,482	766,394	853,789	954,253	1,063,062	1,193,465
North America	45,872	49,485	54,207	59,516	65,248	69,492
Ibero-America	49,480	56,078	64,575	74,851	86,882	99,725
Central America and Caribbean						
Central America	15,589	17,693	20,375	23,827	28,042	32,930
Caribbean	33,891	38,385	44,199	51,024	58,840	66,795
Europe	103,239	106,048	111,036	114,282	117,468	120,889
Western Europe	74,487	76,580	78,897	81,120	83,935	86,813
Eastern Europe	28,752	29,468	32,139	33,161	33,533	34,076
Eastern Europe and U.S.S.R.	86,759	89,051	95,835	100,513	102,184	104,070
U.S.S.R.	58,007	59,583	63,696	67,352	68,651	69,994
Africa	64,400	71,990	81,090	92,695	107,208	124,060
Asia	380,881	419,197	474,694	540,536	612,019	703,138
India	98,155	110,746	125,015	143,118	164,099	185,111
China	149,603	160,150	182,669	208,181	234,885	277,080
Oceania	3,602	4,013	4,491	5,021	5,588	6,168

Source: United Nations Organization Statistical Office, *Population Prospects*, 1985

way owners of personal computers can build up their own data files, and use software, such as the Lotus 1-2-3® spreadsheet package, to do their own manipulations of the numbers, as the series proceeds. Readers who are interested in such a

service should address their inquiries to the Special Services director Richard Freeman.

Part Two of the series presents data on the world's population. The data is organized by world, and by major conti-

FIGURE 5

**Uninhabited and sparsely populated areas**

Under 5 people per square mile

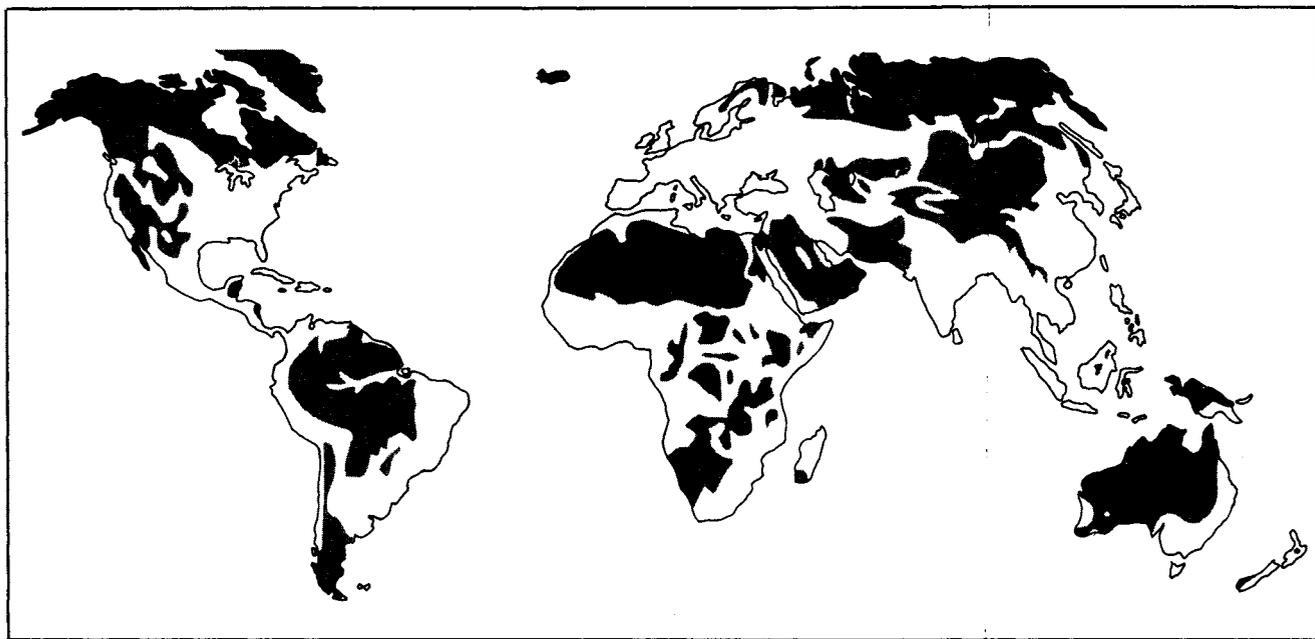
Source: George F. Deasy, et al., *The World's Nations*.

TABLE 8  
**Infant mortality**  
(number of infants)

	1960	1965	1970	1975	1980	1985
World	66,551,473	64,999,592	59,589,671	54,438,676	51,154,817	48,079,338
North America	596,686	446,646	342,605	277,230	241,630	224,616
Ibero-America	4,787,554	4,548,262	4,290,989	3,996,517	3,826,624	3,587,001
Central America and Caribbean	1,533,793	1,528,348	1,483,898	1,332,644	1,230,232	1,141,969
South America	3,253,743	3,019,890	2,807,102	2,663,880	2,596,383	2,445,035
Europe	1,499,503	1,199,297	898,163	642,456	539,042	469,063
Western Europe	2,860,252	2,195,437	1,817,953	1,632,900	1,437,810	1,257,687
Eastern Europe	577,388	450,661	354,022	307,097	258,217	212,212
Eastern Europe and U.S.S.R.	1,360,749	996,139	919,790	990,445	898,768	788,624
U.S.S.R.	783,361	545,478	565,768	683,348	640,551	576,412
Africa	11,222,299	11,742,125	12,235,801	13,038,123	13,588,243	14,093,970
Asia	47,540,973	46,402,986	41,147,157	35,696,975	32,221,082	29,038,159
India	17,015,126	16,287,203	15,432,246	15,223,449	14,209,378	12,666,953
China	14,947,496	14,372,026	9,924,322	5,221,724	3,665,850	3,082,809
Oceania	121,372	114,598	109,160	103,670	97,971	90,316

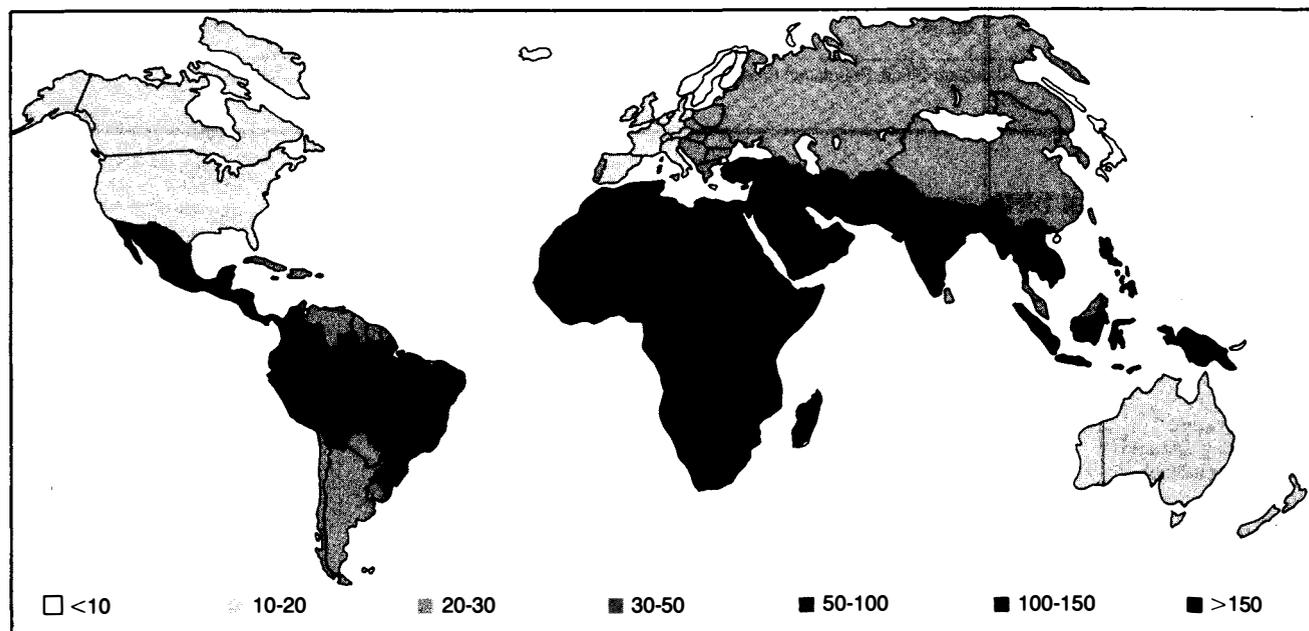
Source: United Nations Organization Statistical Office, *Population Prospects*, 1985

mental grouping: North America, which includes the U.S. and Canada; Ibero-America, including also the islands of the Caribbean; Europe, including Western Europe, as well as the newly liberated former satellites of Russia; the U.S.S.R.;

Africa; Asia; and Oceania, including Pacific islands and territories. Subcontinental-level regional groupings are included. The data are tabulated in five yearly intervals from 1960 to 1985.—*The Editors*

FIGURE 6  
**Estimated infant mortality rates, 1975-80**

Infant mortality rates (per 1,000)



Source: World Resources Institute, *World Resources 1986*.

TABLE 9

**Life expectancy at birth, males**  
(years)

	1960	1965	1970	1975	1980	1985
World	48.62	51.33	54.01	55.93	57.49	58.96
North America	66.88	67.10	67.74	69.50	70.37	71.07
Ibero-America	54.61	56.54	58.49	60.24	61.77	63.23
Europe	67.12	67.79	68.41	69.11	70.01	70.81
Eastern Europe (excluding Albania and Yugoslavia)	66.48	67.19	67.26	67.42	68.54	69.51
U.S.S.R.	65.50	65.50	65.50	65.04	66.50	67.90
Africa	40.27	42.14	44.03	46.14	48.23	50.24
Asia	44.95	49.29	52.99	55.42	57.19	58.95
India	44.36	46.76	49.01	51.25	53.01	55.02
China	42.67	50.61	57.35	62.64	65.47	66.87
Oceania	61.82	62.09	63.47	64.15	65.48	66.79

Source: United Nations Organization Statistical Office, *Population Prospects*, 1985

TABLE 10

**Life expectancy at birth, females**  
(years)

	1960	1965	1970	1975	1980	1985
World	51.09	53.88	56.78	58.78	60.35	61.86
North America	73.52	74.17	75.46	77.29	78.10	78.79
Ibero-America	58.43	60.57	62.88	64.81	66.52	68.12
Europe	72.39	73.55	74.49	75.60	76.61	77.51
Eastern Europe (excluding Albania and Yugoslavia)	71.28	72.52	73.23	73.97	75.14	76.18
U.S.S.R.	73.20	74.00	74.30	74.33	75.45	76.45
Africa	43.03	44.99	46.94	49.16	51.28	53.37
Asia	46.15	50.70	54.62	56.94	58.68	60.46
India	43.05	45.44	47.80	50.00	52.03	54.02
China	45.58	53.66	60.93	66.46	69.42	70.83
Oceania	66.34	66.80	68.40	68.64	69.89	71.26

Source: United Nations Organization Statistical Office, *Population Prospects*, 1985

TABLE 11

**Life expectancy at birth, males and females**  
(years)

	1960	1965	1970	1975	1980	1985
World	49.85	52.59	55.38	57.31	58.88	60.38
North America	70.12	70.64	71.50	73.30	74.13	74.83
Ibero-America	56.47	58.50	60.63	62.48	64.08	65.62
Europe	69.69	70.59	71.37	72.20	73.21	74.07
Eastern Europe (excluding Albania and Yugoslavia)	68.81	69.76	70.18	70.64	71.74	72.75
U.S.S.R.	70.00	70.00	70.40	69.57	70.87	72.07
Africa	41.62	43.55	45.46	47.62	49.73	51.78
Asia	45.53	49.97	53.78	56.16	57.92	59.69
India	43.72	46.12	48.42	50.64	52.53	54.53
China	44.09	52.10	59.10	64.50	67.40	68.80
Oceania	64.01	64.41	65.87	66.36	67.62	68.96

Source: United Nations Organization Statistical Office, *Population Prospects*, 1985