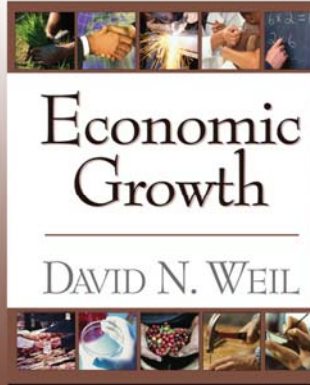


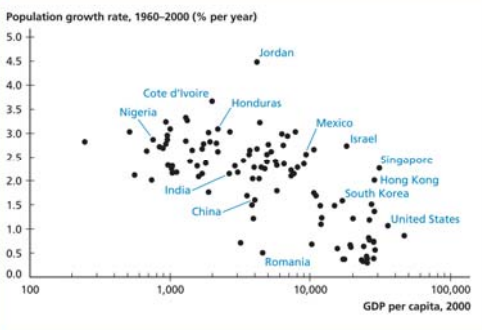
Chapter 4

Population and Economic Growth



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FIGURE 4.1
Relationship Between Income per Capita and Population Growth

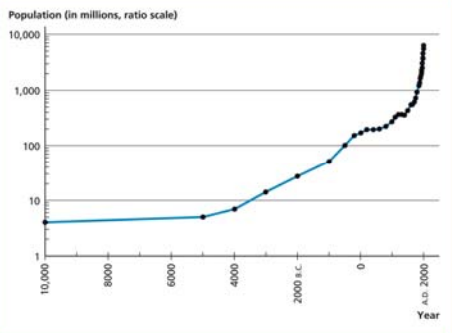


Source: Heston et al. (2002).

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4-2

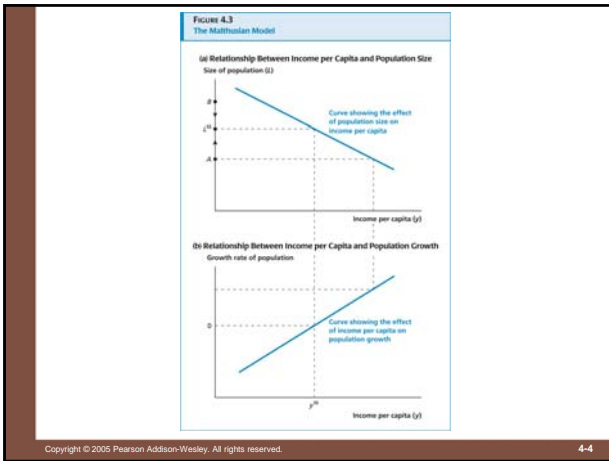
FIGURE 4.2
World Population, 10,000 B.C. to A.D. 2000

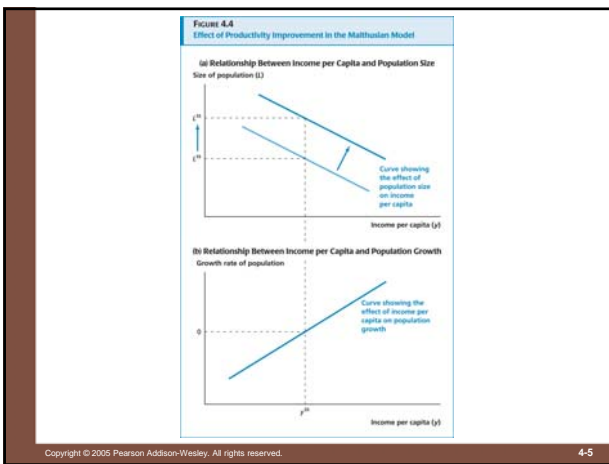


Source: Kremer (1993).

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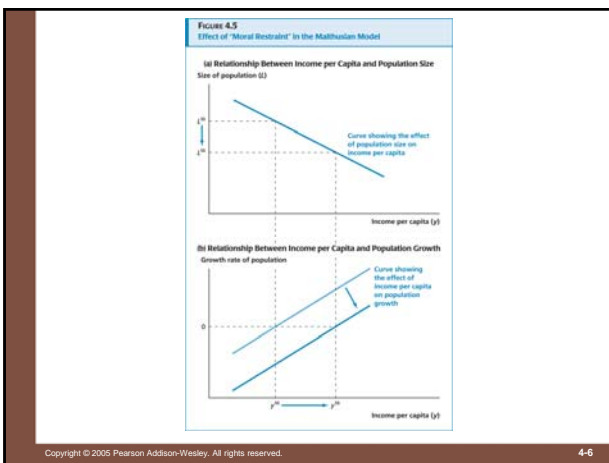
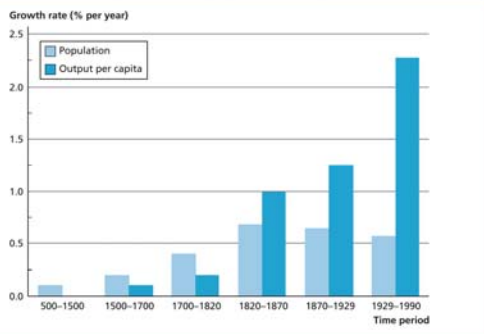


FIGURE 4.6
Breakdown of the Malthusian Model in Western Europe

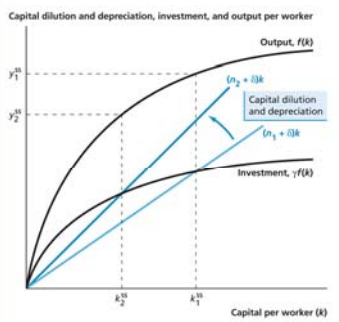


Source: Galor and Weil (2000).

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4-7

FIGURE 4.7
The Solow Model Incorporating Population Growth

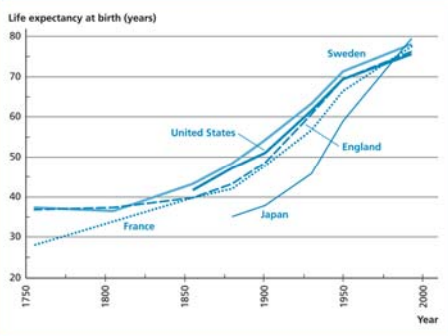


The figure shows how raising the population growth rate from n_1 to n_2 affects the steady-state level of capital per worker (k) and the steady-state level of output per worker (y).

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FIGURE 4.8
Life Expectancy in Developed Countries

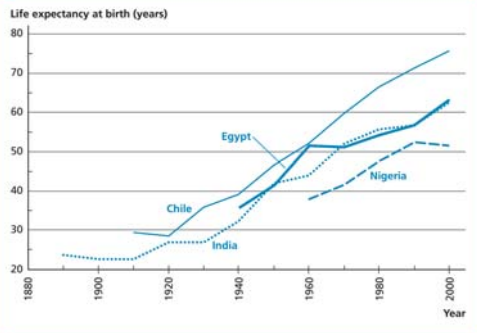


Source: Livi-Bacci (1997).

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FIGURE 4.9
Life Expectancy in Developing Countries



Source: Kalemli-Ozcan (2002).

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FIGURE 4.10
Total Fertility Rate in the United States, 1860–2000

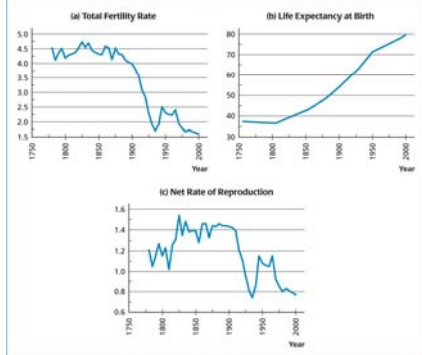


Source: Coale and Zelnik (1963), Wade (1989).

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4-11

FIGURE 4.11
Fertility, Mortality, and the Net Rate of Reproduction in Sweden

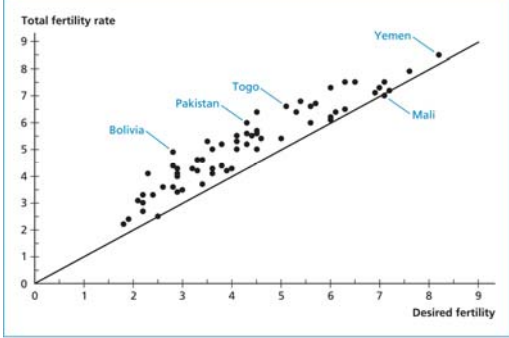


Sources: Keyfitz and Flieger (1984, 1990), Livi-Bacci (1997).

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4-12

FIGURE 4.12
Desired Fertility Versus Total Fertility Rate in Developing Countries

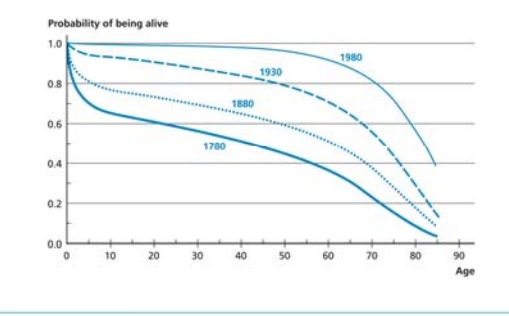


Source: Pritchett (1994).

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4-13

FIGURE 4.13
The Survivorship Function for Women in Sweden

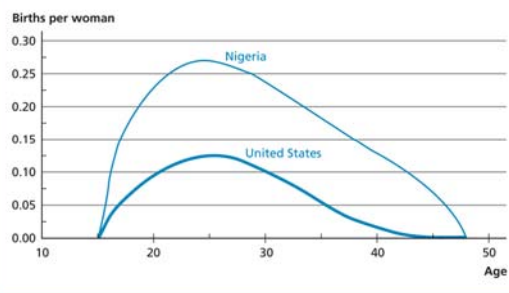


Source: Keyfitz and Flieger (1968, 1990).

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FIGURE 4.14
Age-Specific Fertility Rates



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TABLE 4.1
Demographic Data for India

Period	Total Fertility Rate	Life Expectancy at Birth	Net Rate of Reproduction
1955-1960	5.92	42.6	1.75
1965-1970	5.69	48.0	1.87
1975-1980	4.83	52.9	1.73
1985-1990	4.15	57.4	1.61
1995-2000	3.45	62.1	1.43

Source: United Nations Population Division (2002).

TABLE 4.2
Demographic Data for Nigeria

Period	Total Fertility Rate	Life Expectancy at Birth	Net Rate of Reproduction
1955-1960	6.90	38.2	1.97
1965-1970	6.90	42.0	2.12
1975-1980	6.90	46.1	2.28
1985-1990	6.70	50.2	2.38
1995-2000	5.92	52.5	2.20

Source: United Nations Population Division (2002).
