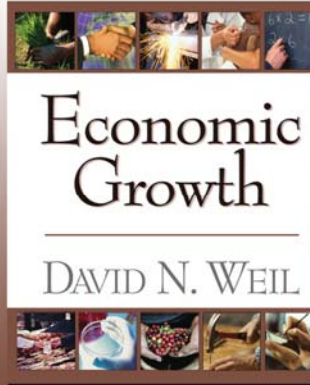


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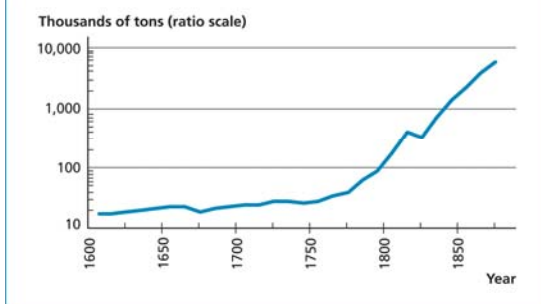
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FIGURE 9.1
British Iron Production, 1600–1870

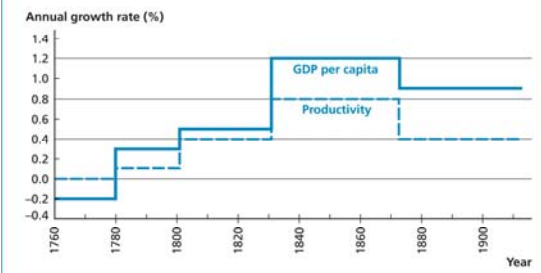


Source: Ridden (1977).

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9-2

FIGURE 9.2
British Output and Productivity Growth, 1760–1913

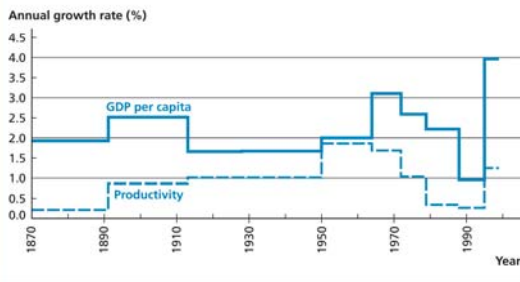


Source: Crafts (1996).

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9-3

FIGURE 9.3
U.S. Output and Productivity Growth, 1870–1999

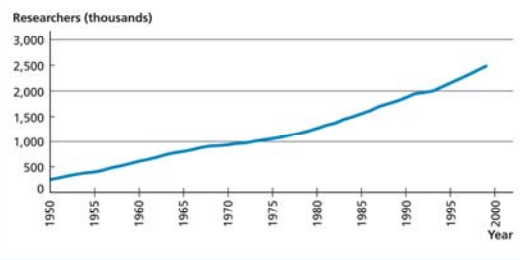


Sources: Gordon (1999, 2000).

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9-4

FIGURE 9.4
R and D Researchers in the G-5 Countries, 1950–1999

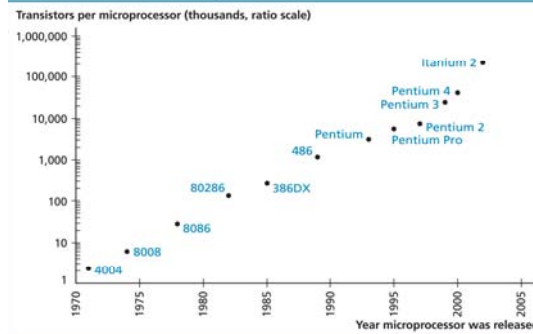


Sources: Jones (2002); OECD Main Science and Technology Indicators database.

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9-5

FIGURE 9.5
Moore's Law as Seen in Intel Microprocessors

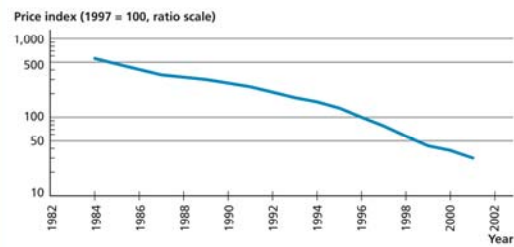


Source: Intel Corporation.

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9-6

FIGURE 9.6
Price of Computers, 1984–2001

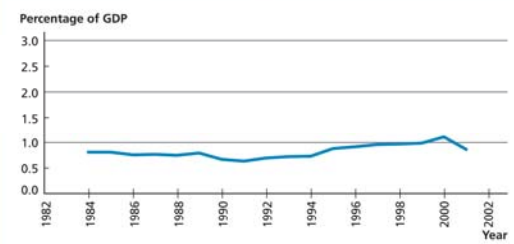


Source: U.S. Department of Commerce, National Income and Product Accounts, Table 7.6. Includes both computers and peripherals.

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9-7

FIGURE 9.7
Investment in Computers as a Percentage of GDP, 1984–2001



Source: U.S. Department of Commerce, National Income and Product Accounts, Table 5.4. Includes both computers and peripherals.

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9-8

TABLE 9.1
Growth Accounting for Europe, A.D. 500–1700

Period	Annual Growth Rate of Income per Capita, \dot{y}	Annual Growth Rate of Population, \dot{L}	Annual Growth Rate of Productivity, \dot{A}
500–1500	0.0%	0.1%	0.033%
1500–1700	0.1%	0.2%	0.166%

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9-9

TABLE 9.2
U.S. Patents and Patents per Million Residents, 2001

Country	Patents	Patents per Million Residents
Taiwan	6,545	298.9
Japan	34,891	274.7
Sweden	1,935	217.4
Switzerland	1,557	216.3
Israel	1,031	161.1
Finland	769	147.9
Germany	11,895	144.5
Canada	4,063	130.6
Luxembourg	48	120.0
Denmark	556	103.0
Netherlands	1,494	93.4
Hong Kong	620	92.5
South Korea	3,763	79.6
Austria	632	78.0
Belgium	796	77.3
France	4,456	75.3
Singapore	304	74.1
United Kingdom	4,356	74.1
Iceland	21	70.0
Norway	283	62.9
Australia	1,031	53.1
Ireland	166	43.7
New Zealand	160	42.1
Italy	1,978	34.2

Source: U.S. Patent and Trademark Office (2002).
