

Capital in the 21st Century

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Based on collaborative effort led by Jeff Leek
<https://github.com/jtleek/capitalIn21stCenturyinR>
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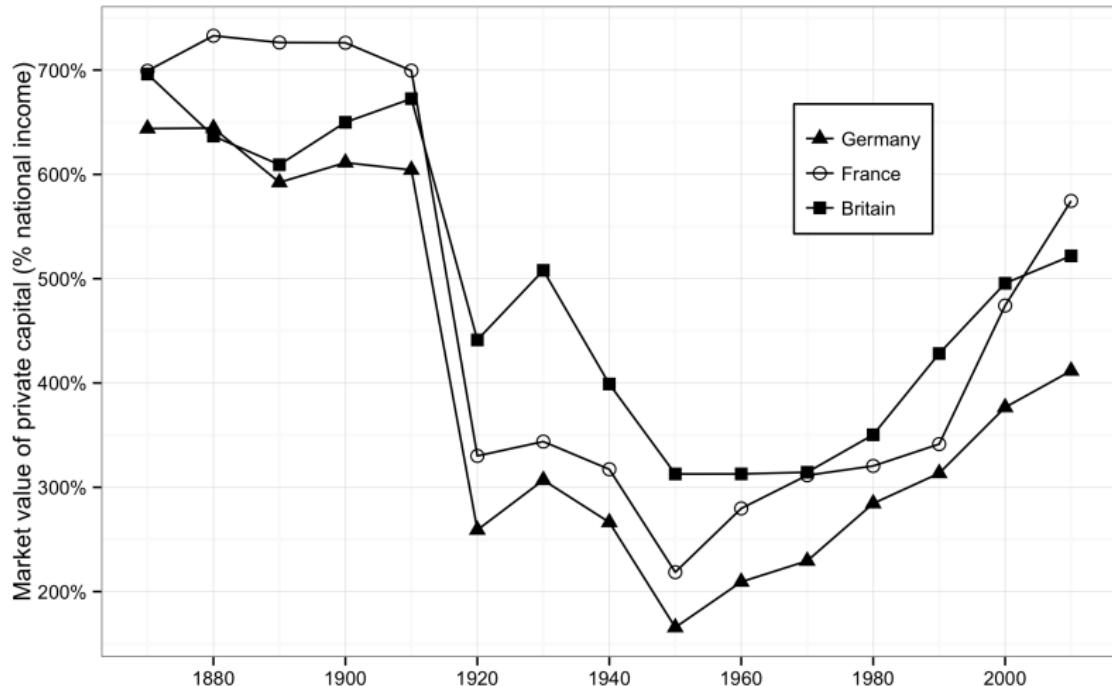
December 2014

Figure I.1. Income inequality in the United States, 1910–2012



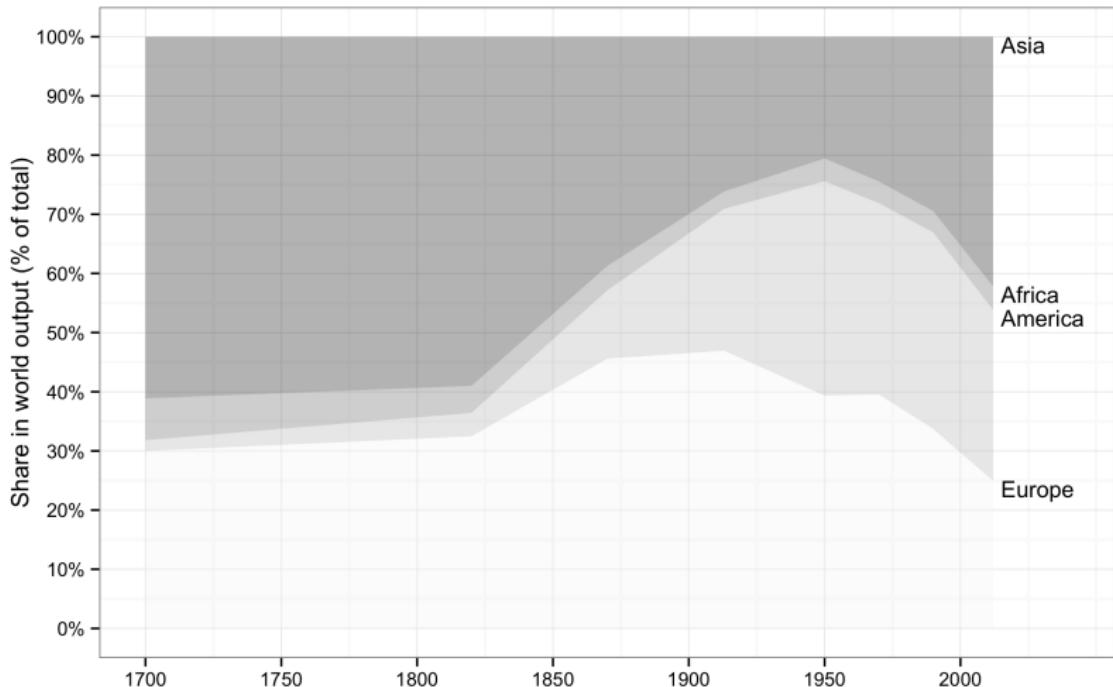
The top decile share in U.S. national income dropped from 45–50% in the 1910s–1920s to less than 35% in the 1950s (this is the 1950–1960 fall documented by Kuznets); it then rose from less than 35% in the 1970s to 45–50% in the 2000s–2010s.

Figure I.2. The capital-income ratio in Europe, 1870–2012



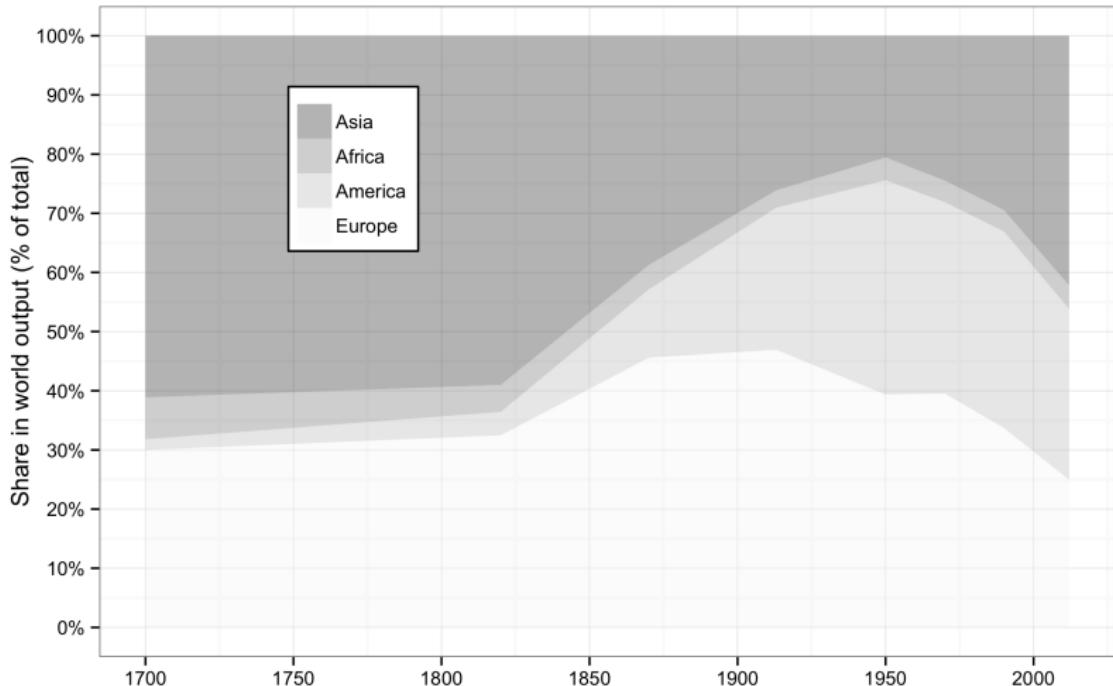
Aggregate private wealth was worth about 6–7 years of national income in Europe in 1910, between 2 and 3 years in 1950, and between 4 and 6 years in 2010.

Figure 1.1. The distribution of world output, 1700–2012



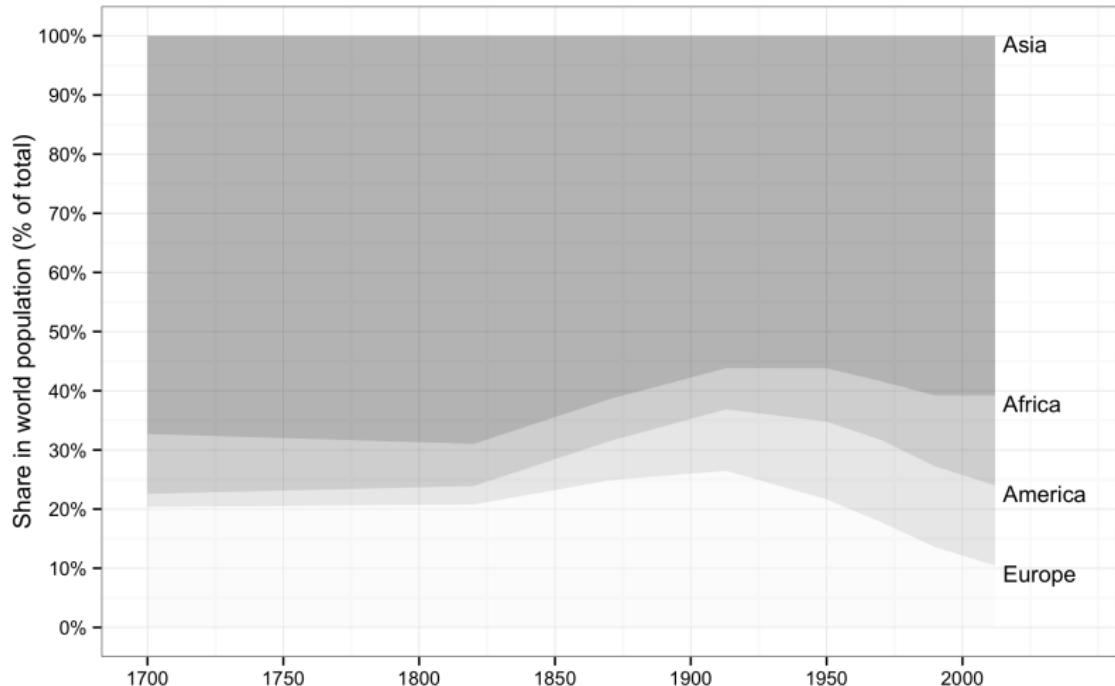
Europe's GDP made 47 percent of world GDP in 1913, down to 25 percent in 2012.

Figure 1.1. The distribution of world output, 1700–2012



Europe's GDP made 47 percent of world GDP in 1913, down to 25 percent in 2012.

Figure 1.2. The distribution of world population, 1700–2012



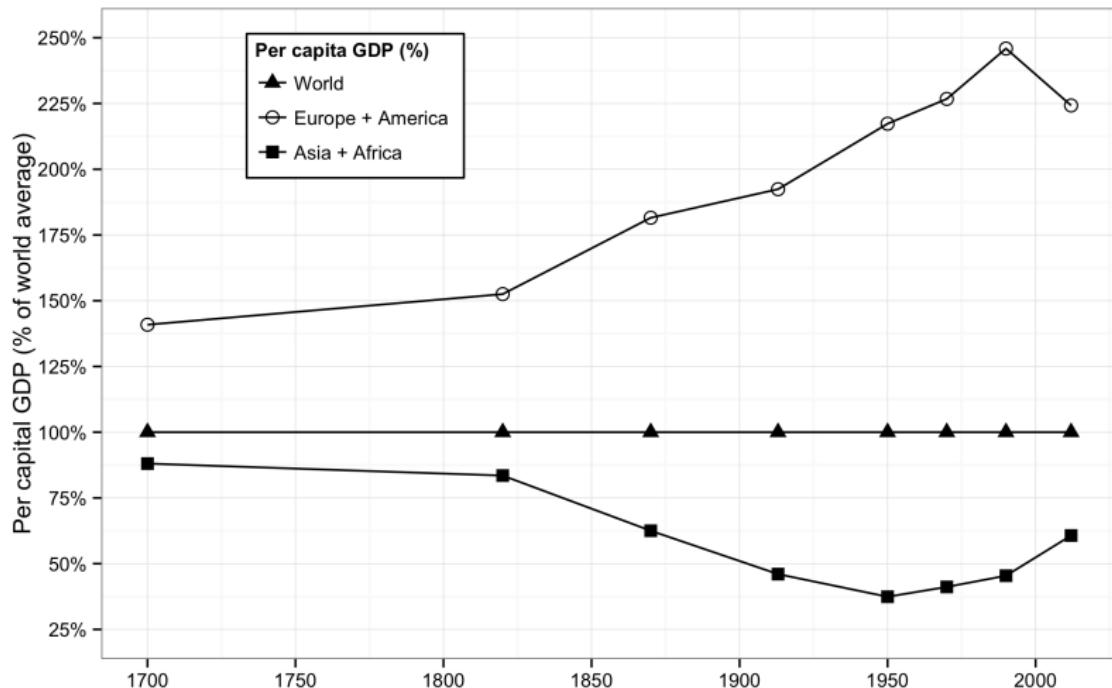
Europe's population made 26 percent of world population in 1913, down to 10 percent in 2012.

Figure 1.2. The distribution of world population, 1700–2012



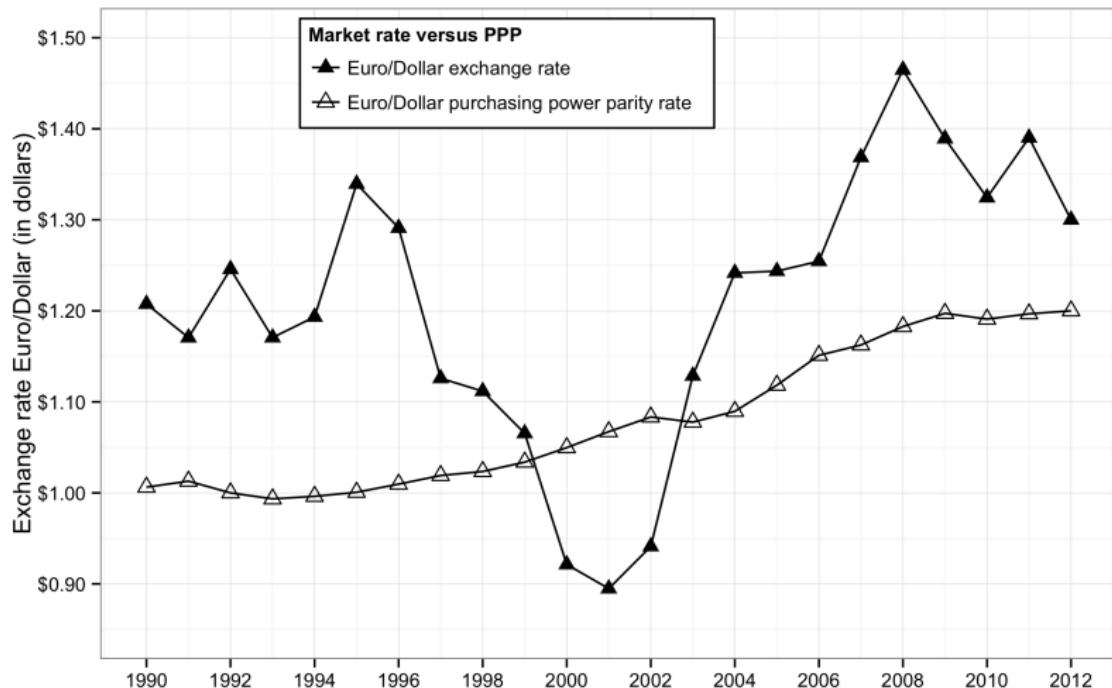
Europe's population made 26 percent of world population in 1913, down to 10 percent in 2012.

Figure 1.3. Global Inequality, 1700–2012



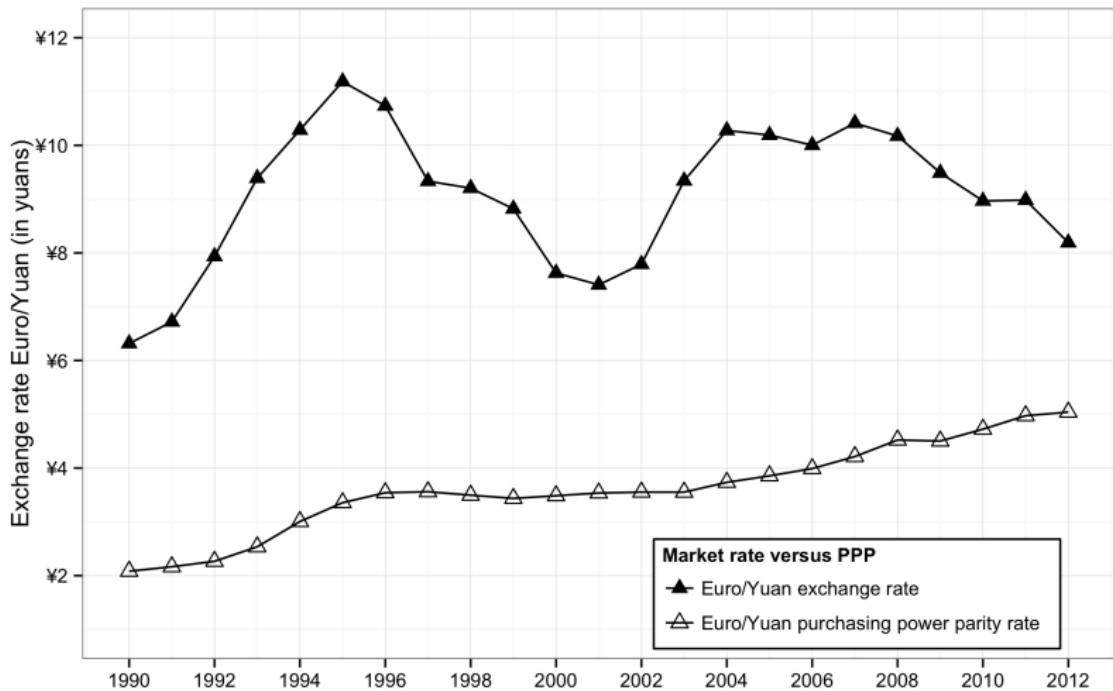
Per capita GDP in Asia–Africa went from 37 percent of world average in 1950 to 61 percent in 2012. Divergence then convergence?

Figure 1.4. Global Inequality, 1700–2012



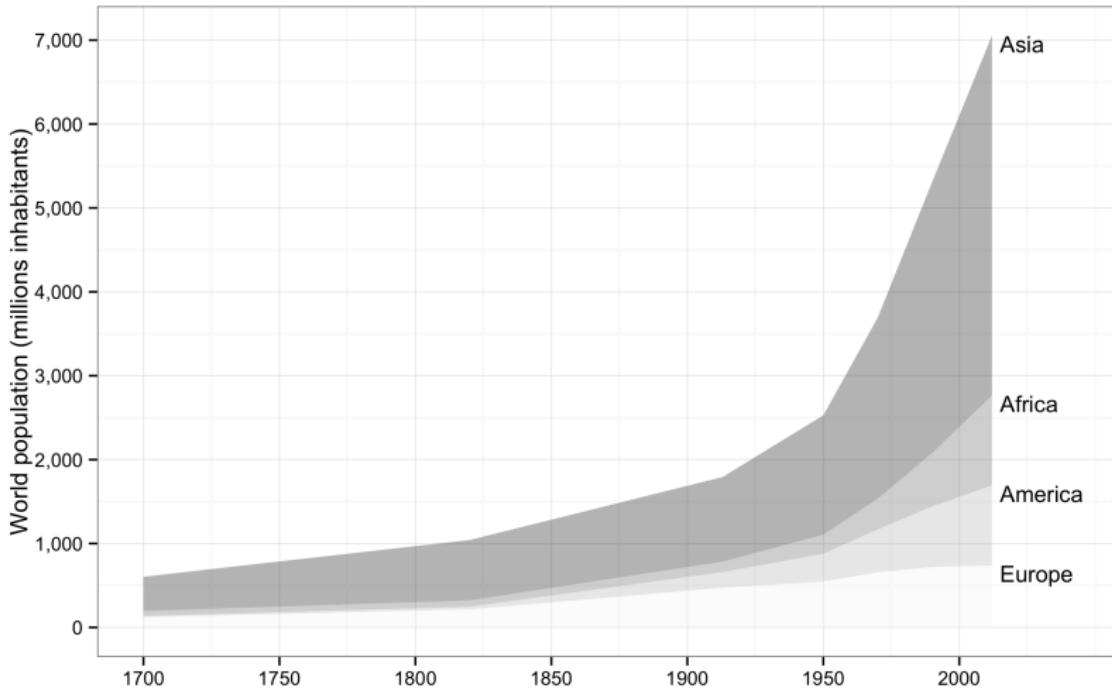
In 2012, 1 euro was worth \$1.30 according to current exchange rate, but \$1.20 in purchasing power parity.

Figure 1.5. Exchange rate and purchasing power parity: euro/yuan



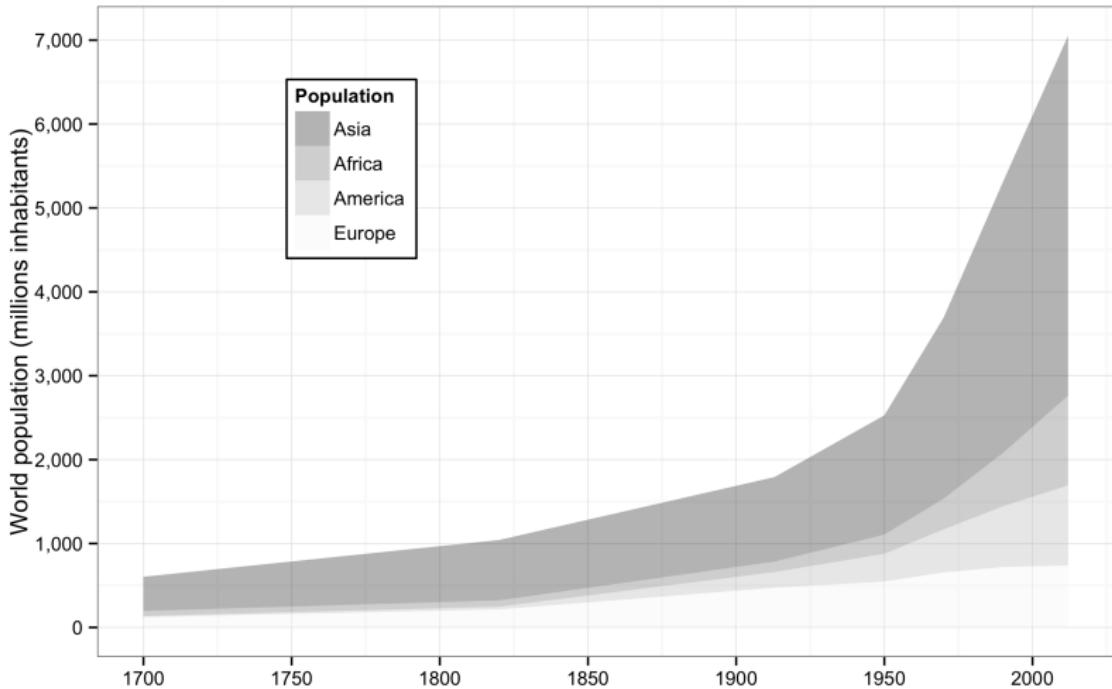
In 2012, 1 euro was worth 8 yuan according to current exchange rate, but 5 yuan in purchasing power parity.

Figure 2.1. The growth of world population, 1700–2012



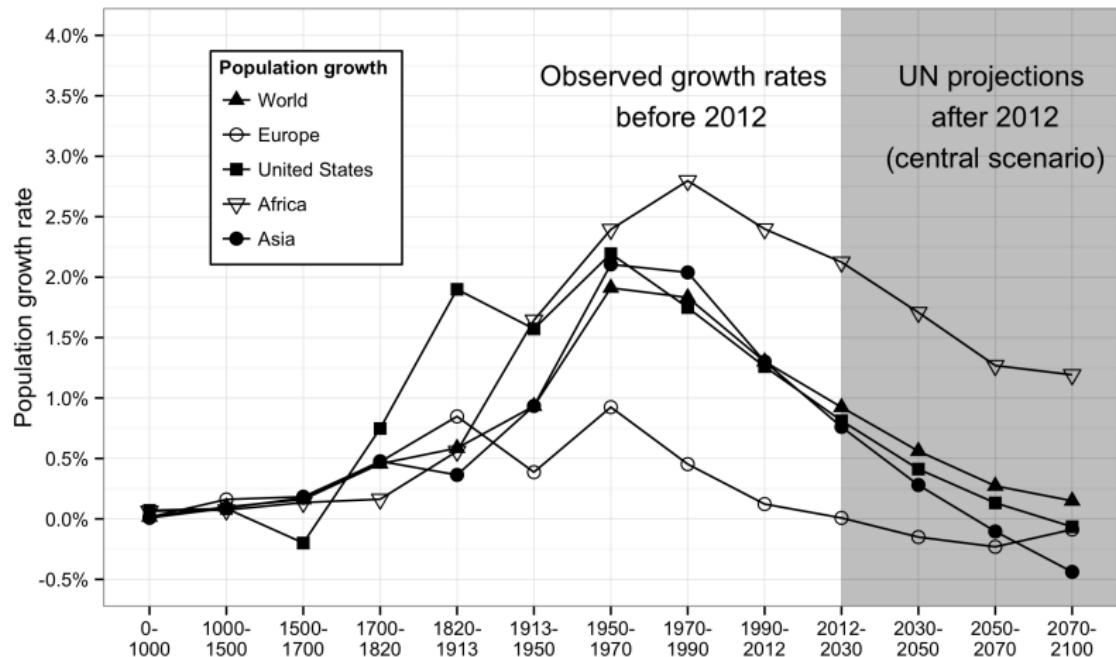
World population rose from 600 million inhabitants in 1700 to 7 billion in 2012.

Figure 2.1. The growth of world population, 1700–2012



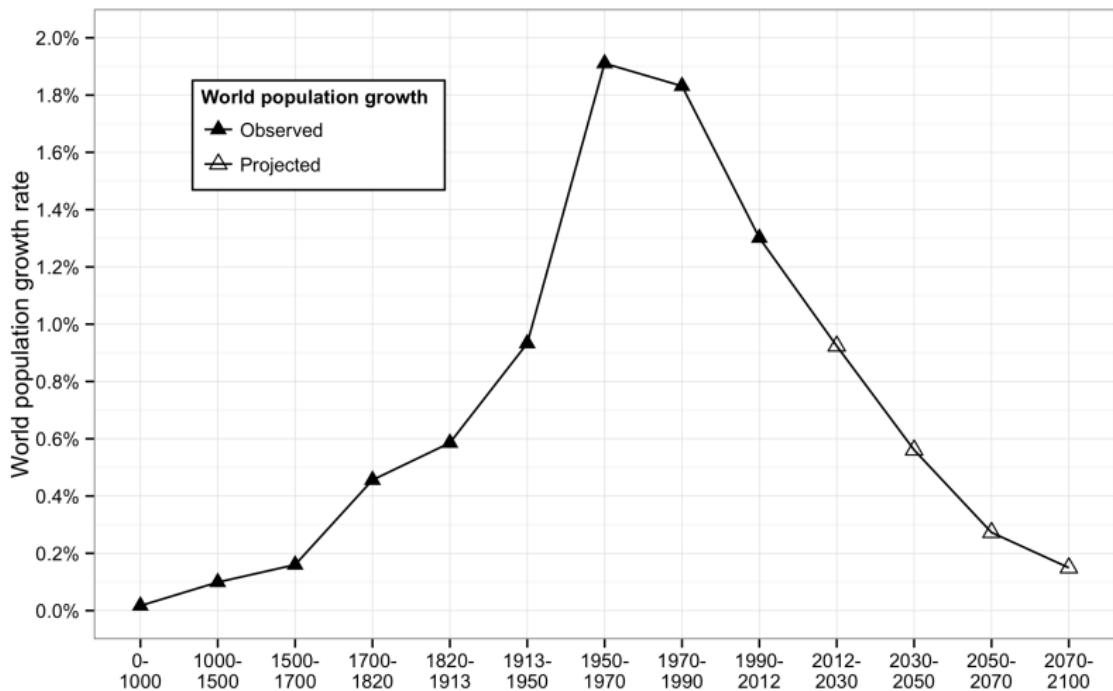
World population rose from 600 million inhabitants in 1700 to 7 billion in 2012.

Figure 2.2S. The growth rate of population from Antiquity to 2100



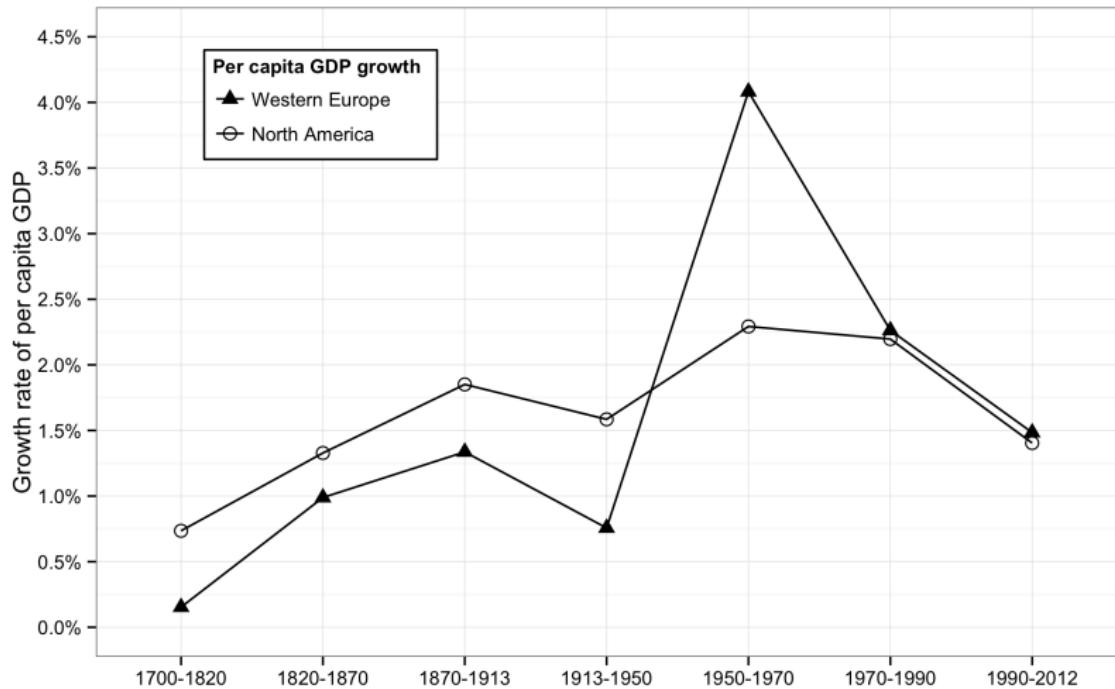
The growth rate of world population was above 1 percent per year from 1950 to 2012 and should return toward 0 percent by the end of the twenty-first century.

Figure 2.2. The growth rate of world population from Antiquity to 2100



The growth rate of world population was above 1 percent per year from 1950 to 2012 and should return toward 0 percent by the end of the twenty-first century.

Figure 2.3. The growth rate of per capita output since the Industrial Revolution



The growth rate of per capita output surpassed 4 percent per year in Europe between 1950 and 1970, before returning to American levels.

Figure 2.4. The growth rate of world per capita output from Antiquity to 2100



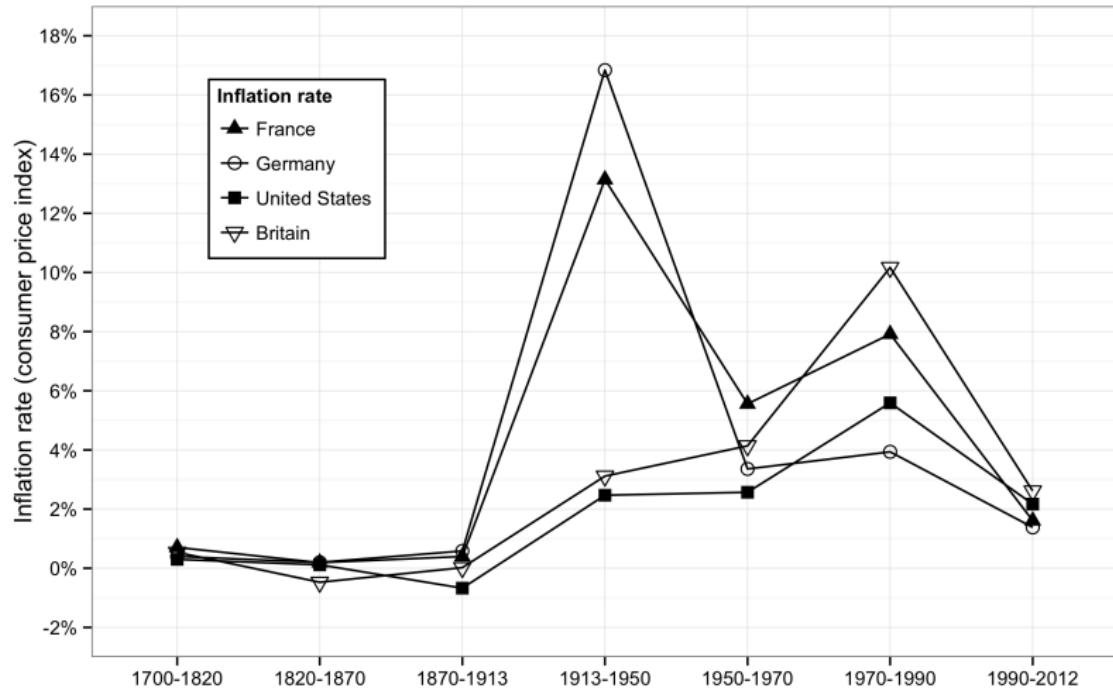
The growth rate of per capita output surpassed 2 percent from 1950 to 2012. If the convergence process goes on, it will surpass 2.5 percent from 2012 to 2050, and then will drop below 1.5 percent.

Figure 2.5. The growth rate of world output from Antiquity to 2100



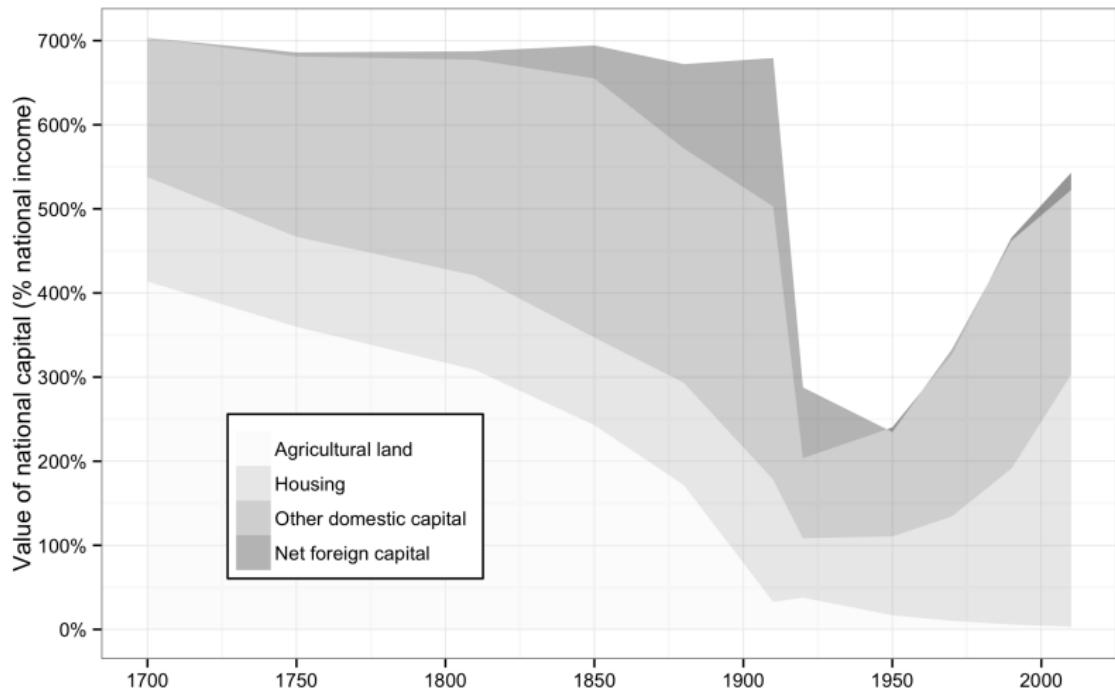
The growth rate of world output surpassed 4 percent from 1950 to 1990. If the convergence process goes on, it will drop below 2 percent by 2050.

Figure 2.6. Inflation since the Industrial Revolution



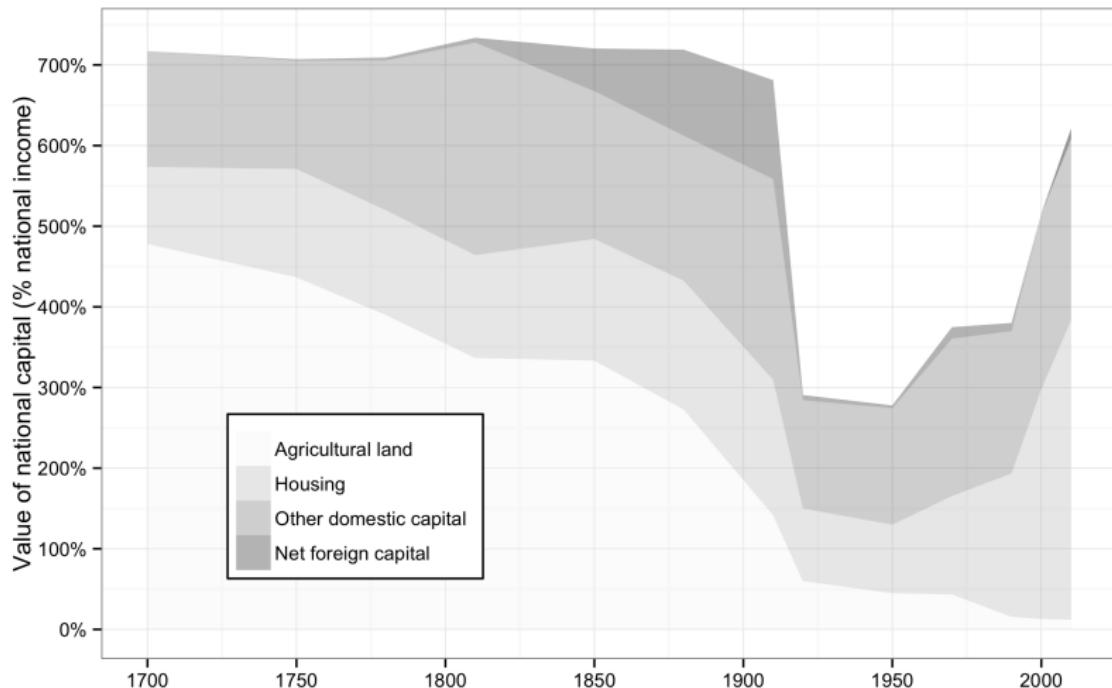
Inflation in the rich countries was zero in the eighteenth and nineteenth centuries, high in the twentieth century, and roughly 2 percent a year since 1990.

Figure 3.1. Capital in Britain, 1700–2010



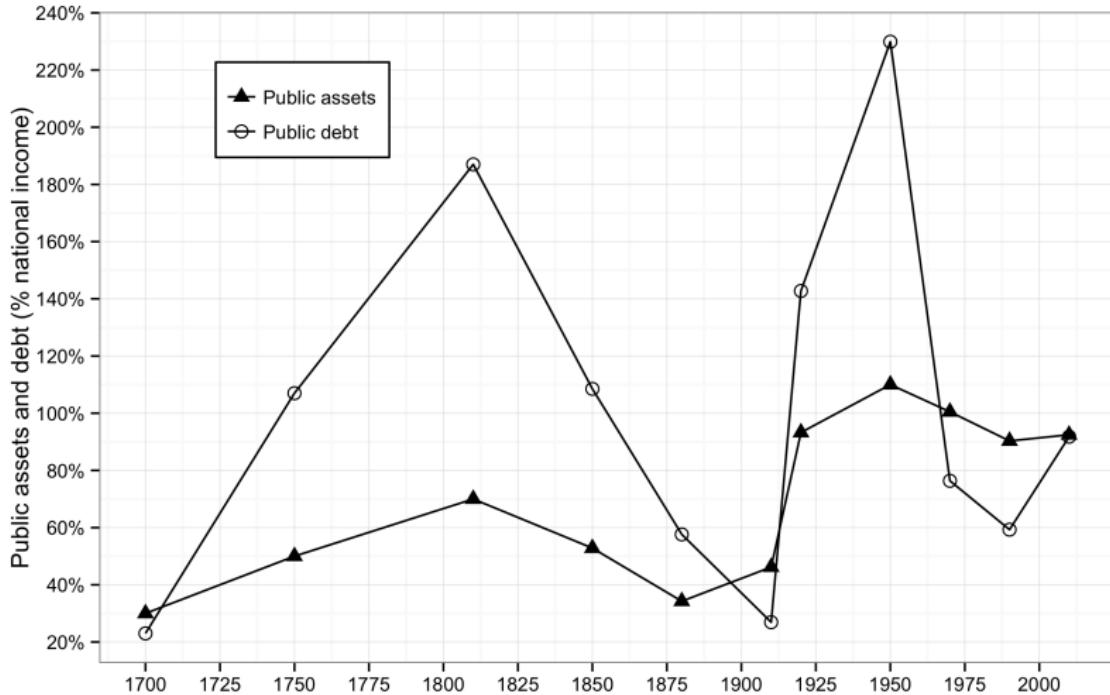
National capital is worth about seven years of national income in Britain in 1700 (including four in agricultural land).

Figure 3.2. Capital in France, 1700–2010



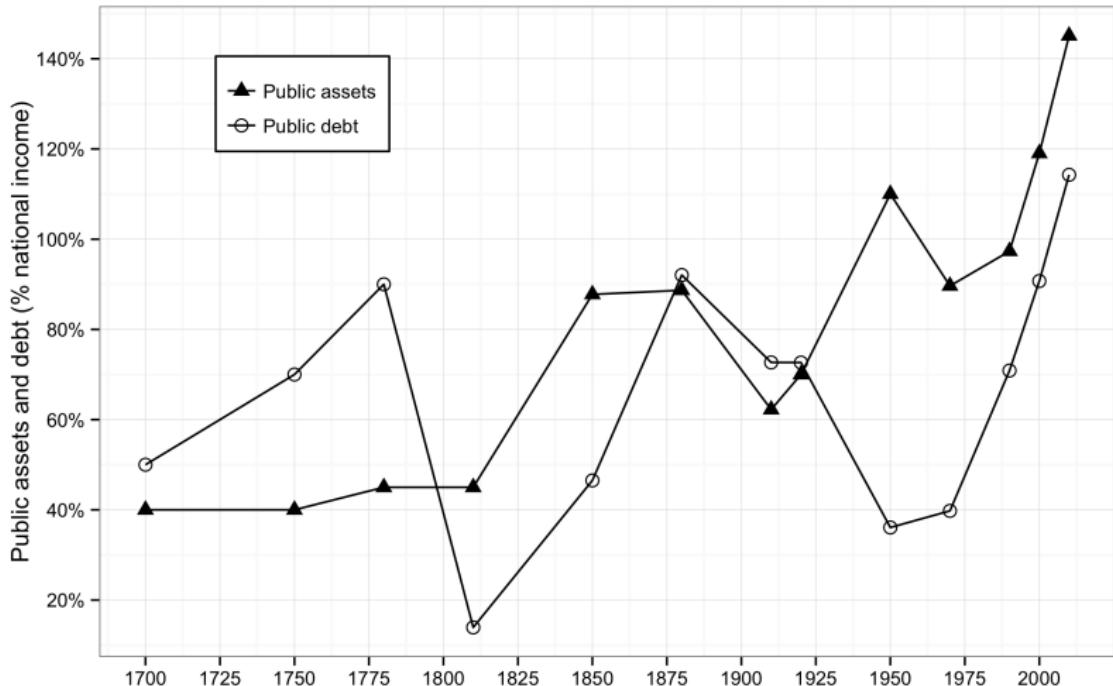
National capital is worth almost seven years of national income in France in 1910 (including one invested abroad).

Figure 3.3. Public wealth in Britain, 1700–2010



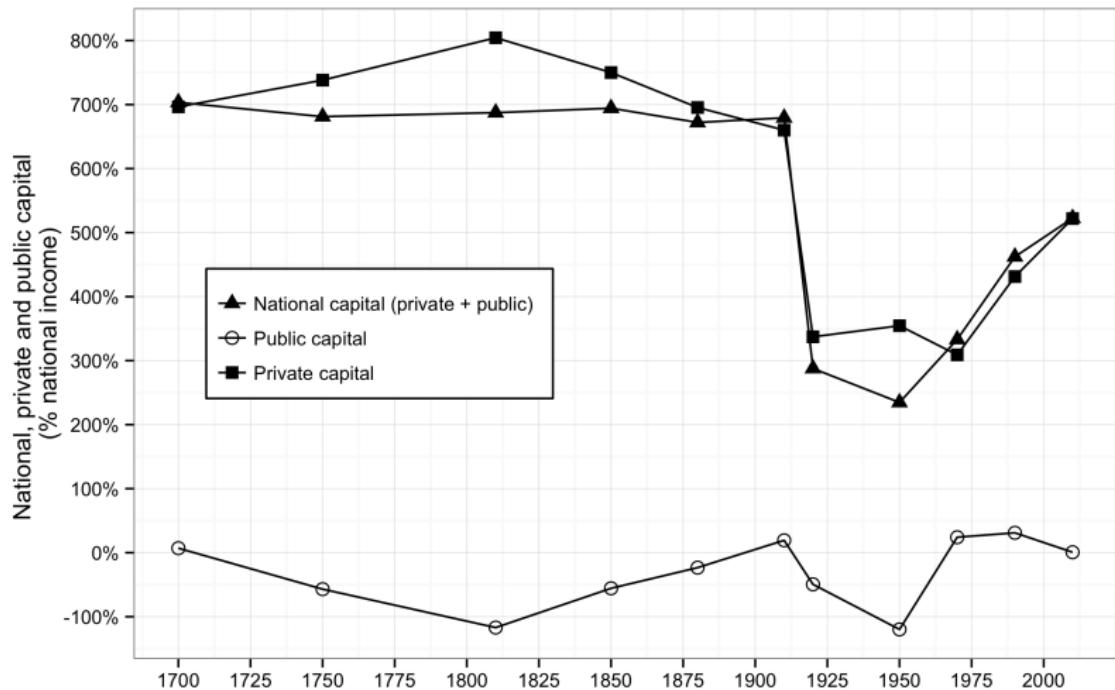
Public debt surpassed two years of national income in 1950 (versus one year for public assets).

Figure 3.4. Public wealth in France, 1700–2010



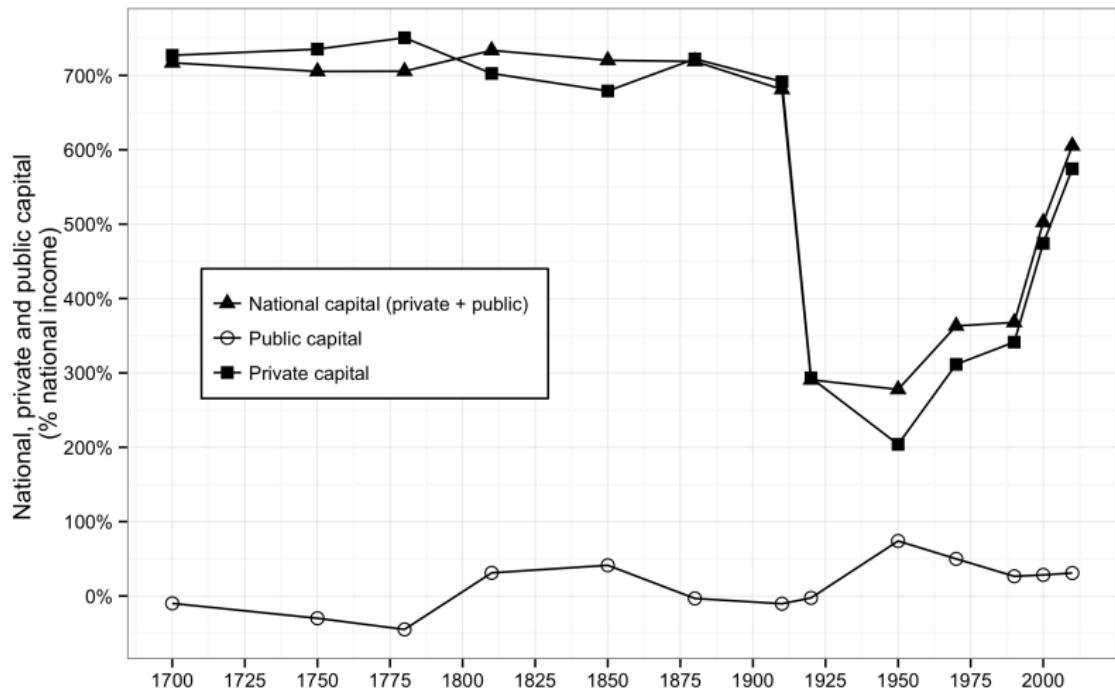
Public debt is about one year of national income in France in 1780 as well as in 1880 and in 2000–2010.

Figure 3.5. Private and public capital in Britain, 1700–2010



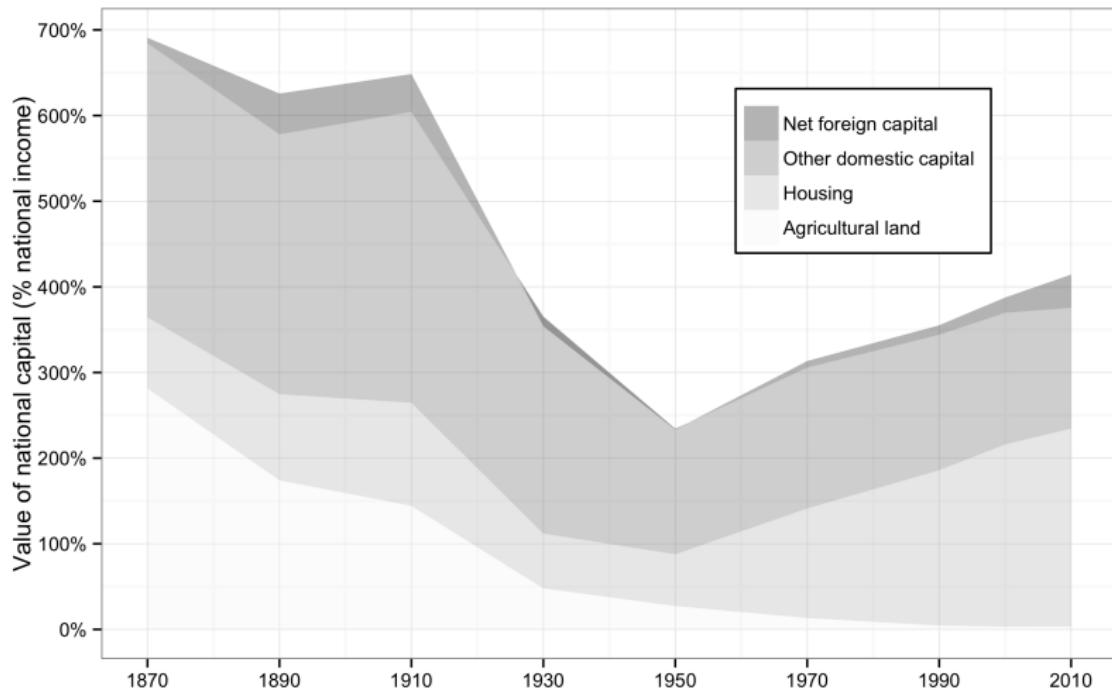
In 1810, private capital is worth eight years of national income in Britain (versus seven years for national capital).

Figure 3.6. Private and public capital in France, 1700–2010



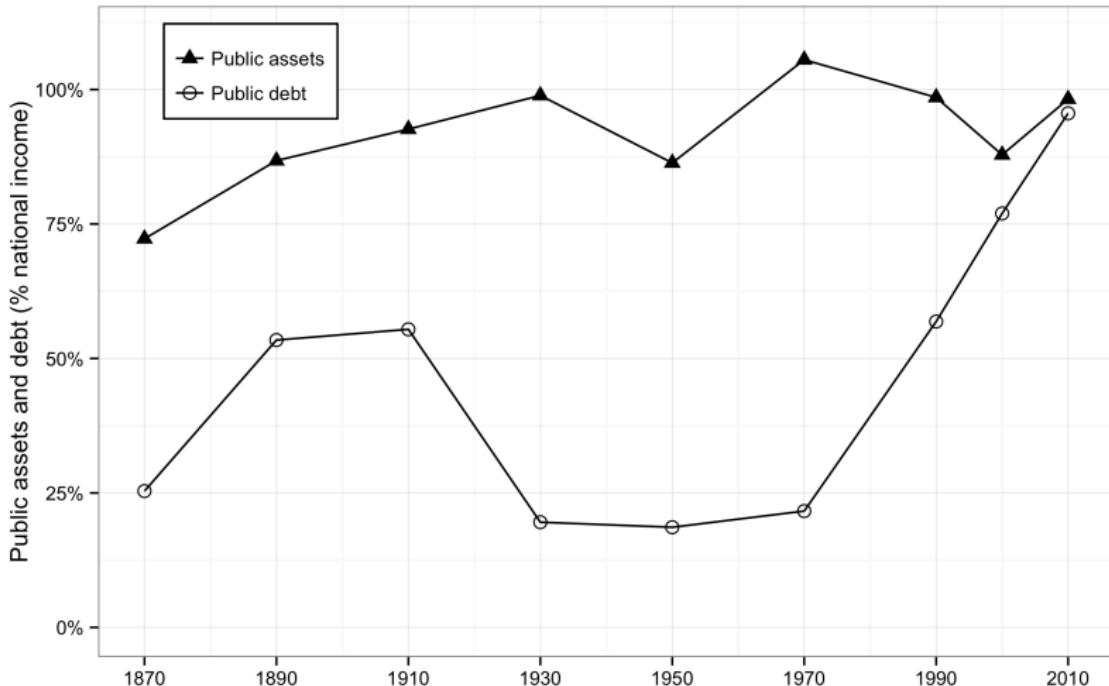
In 1950, public capital is worth almost one year of national income versus two years for private capital.

Figure 4.1. Capital in Germany, 1870–2010



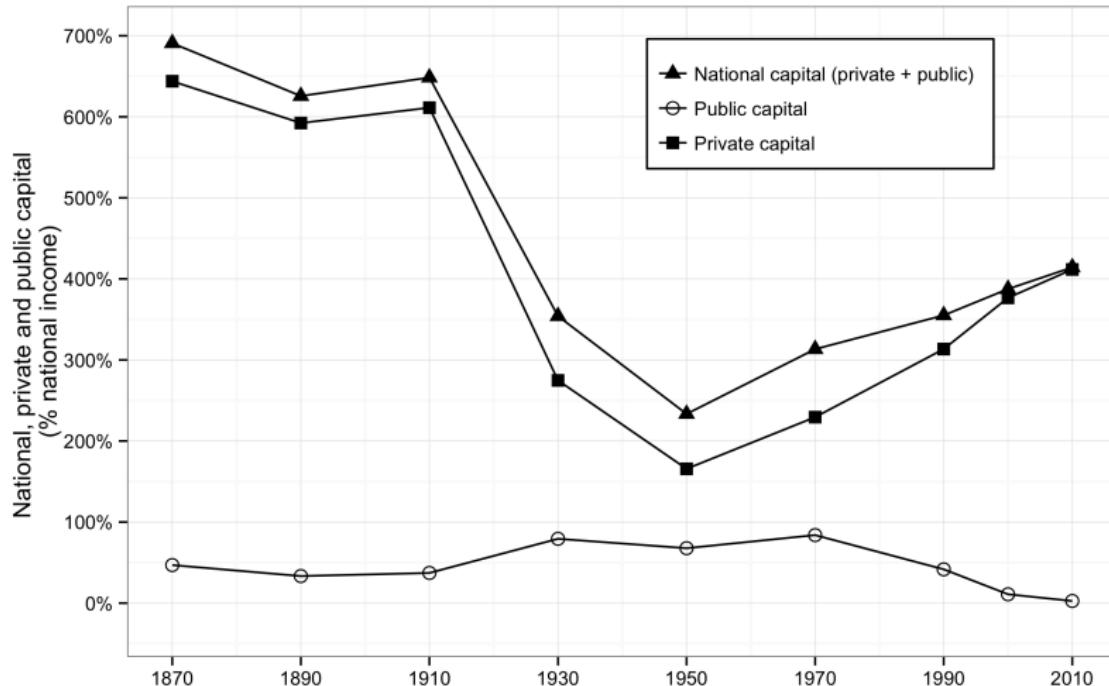
National capital is worth 6.5 years of national income in Germany in 1910 (including about 0.5 year invested abroad).

Figure 4.2. Public wealth in Germany, 1870–2010



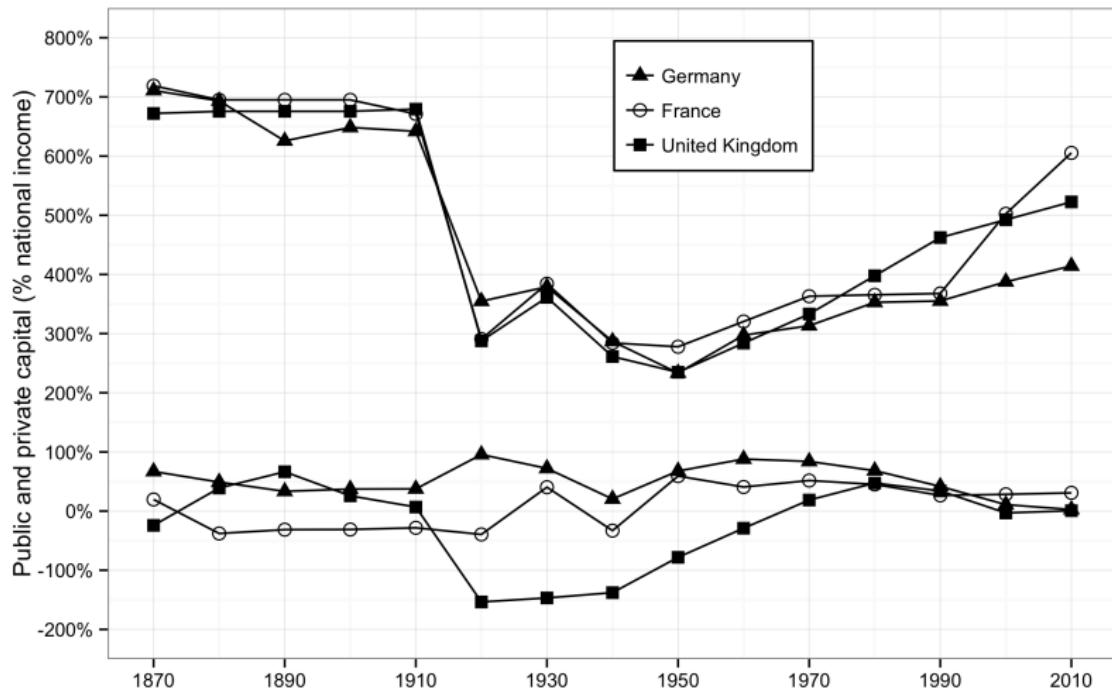
Public debt is worth almost one year of national income in Germany in 2010 (as much as assets).

Figure 4.3. Private and public capital in Germany, 1870–2010



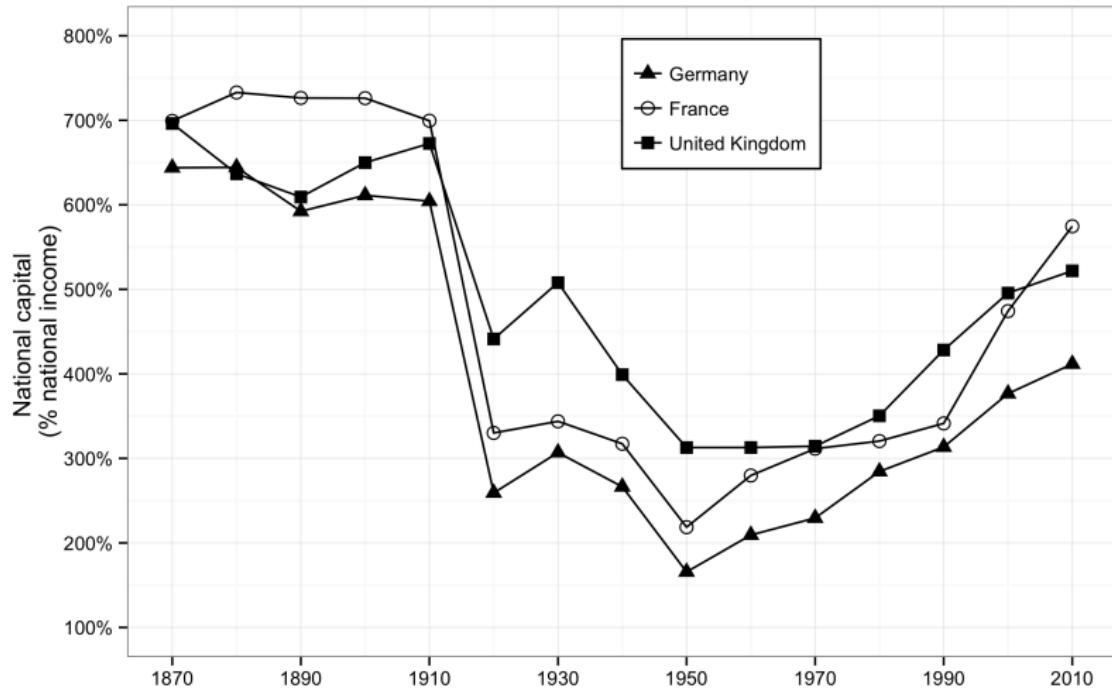
In 1970, public capital is worth almost one year of national income, versus slightly more than two for private capital.

Figure 4.4. Private and public capital in Europe, 1870–2010



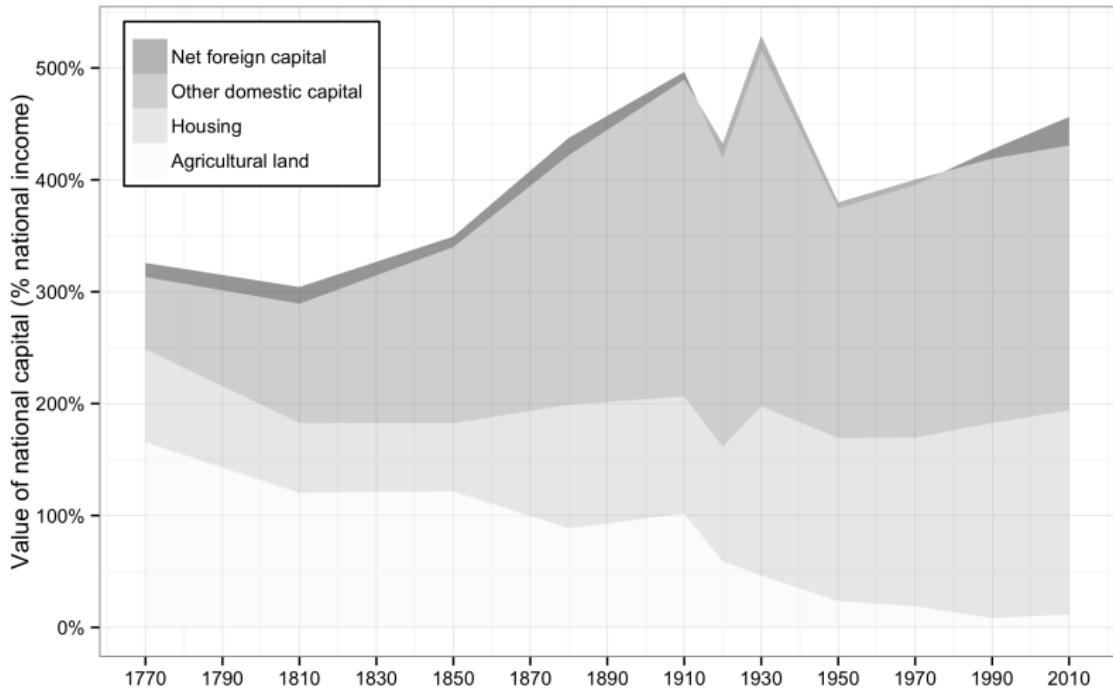
The fluctuations of national capital in Europe in the long run are mostly due to the fluctuations of private capital.

Figure 4.5. National capital in Europe, 1870–2010



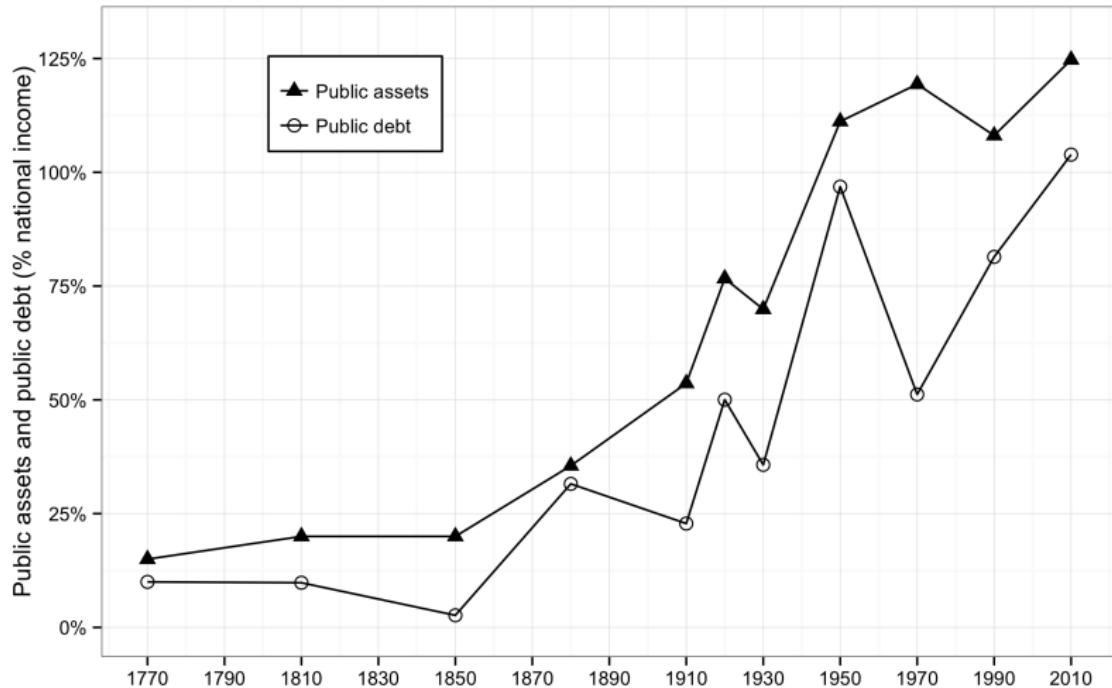
National capital (sum of public and private capital) is worth between two and three years of national income in Europe in 1950.

Figure 4.6. Capital in the United States, 1770–2010



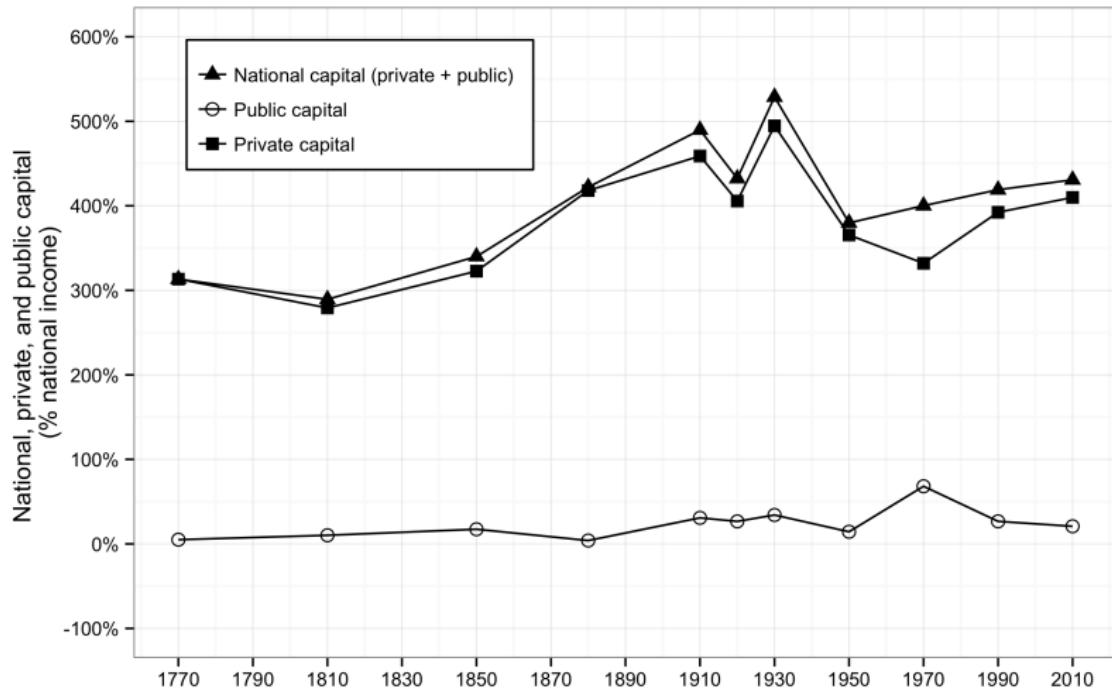
National capital is worth three years of national income in the United States in 1770 (including 1.5 years in agricultural land).

Figure 4.7. Public wealth in the United States, 1770–2010



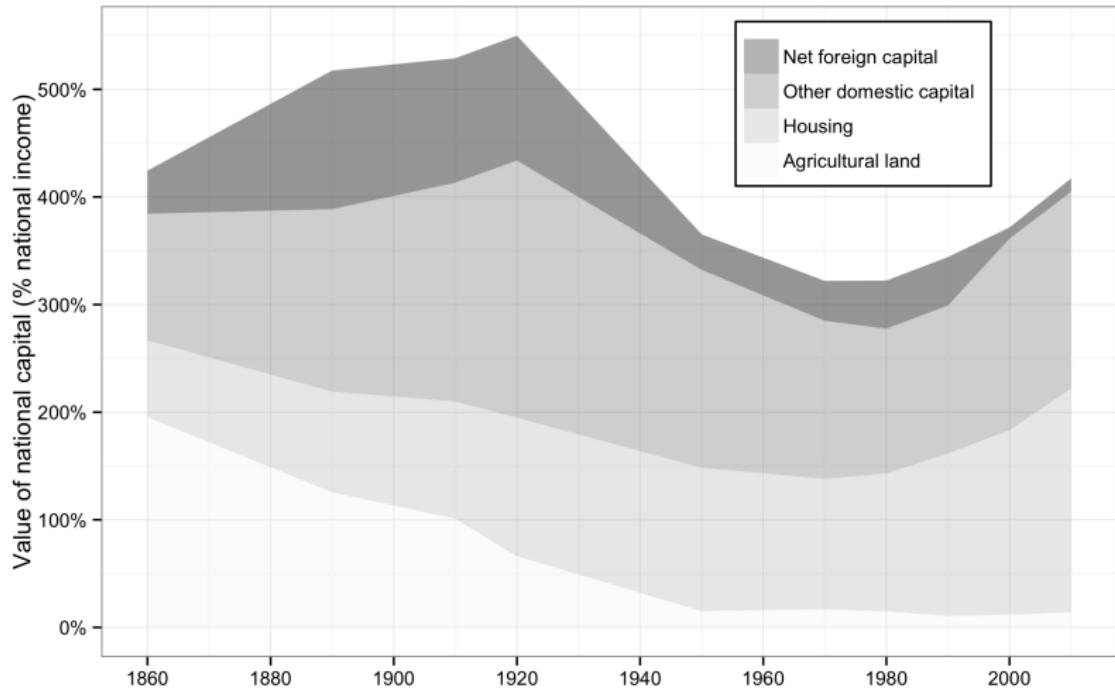
Public debt is worth one year of national income in the United States in 1950 (almost as much as assets).

Figure 4.8. Private and public capital in the United States, 1770–2010



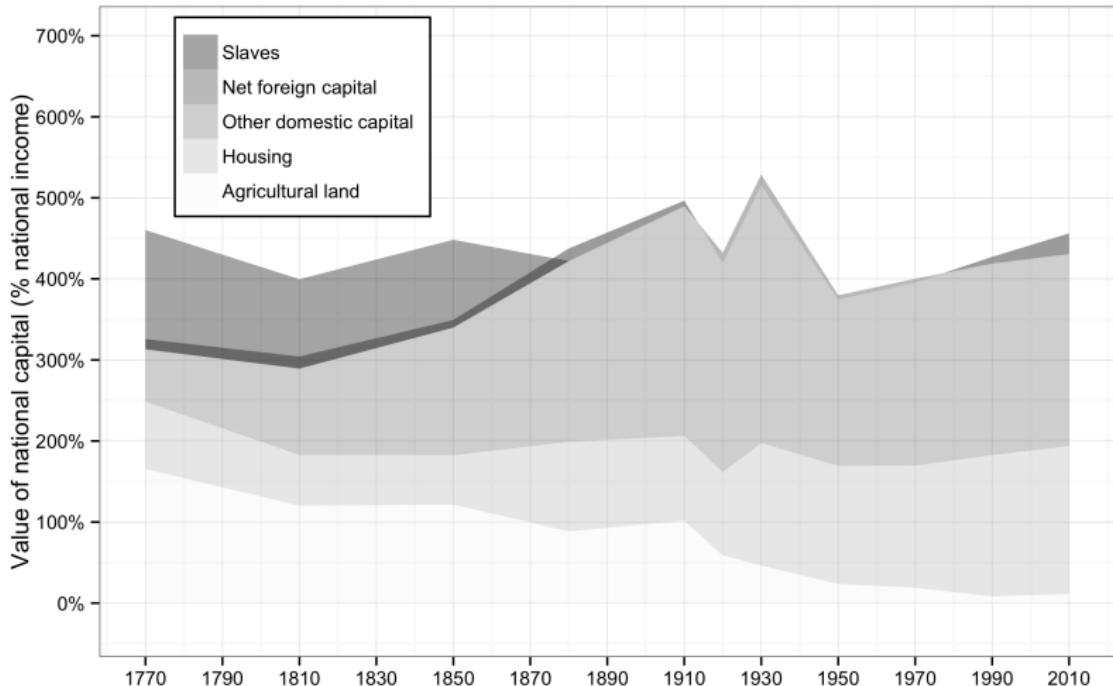
In 2010, public capital is worth 20 percent of national income, versus over 400 percent for private capital.

Figure 4.9. Capital in Canada, 1860–2010



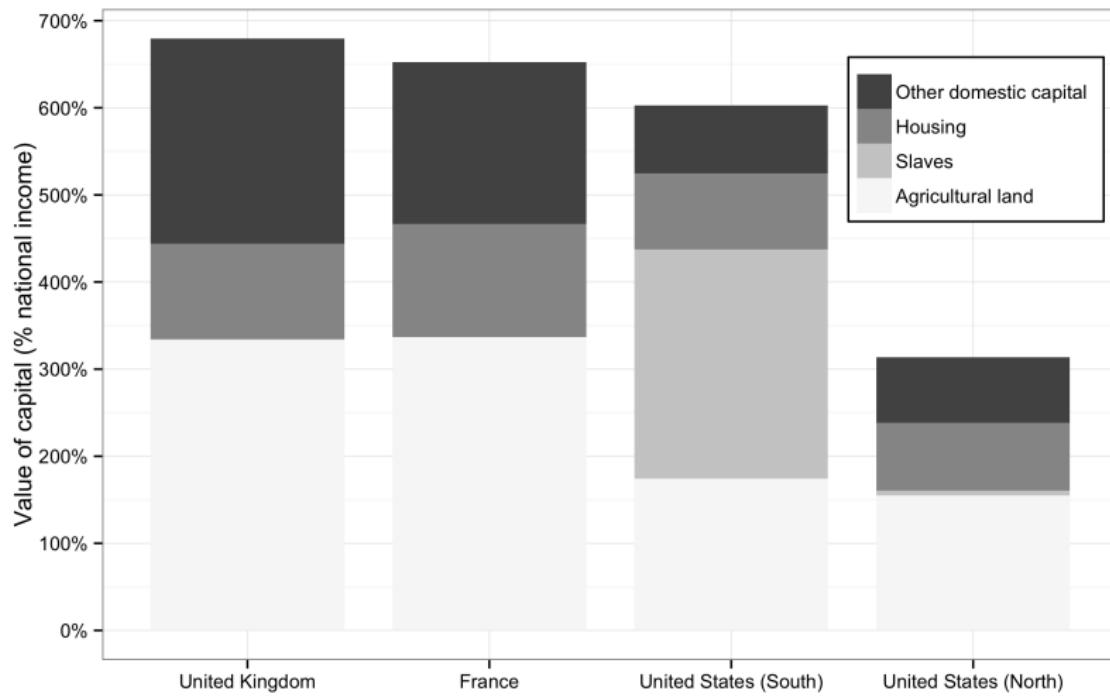
In Canada, a substantial part of domestic capital has always been held by the rest of the world, so that national capital has always been less than domestic capital.

Figure 4.10. Capital and slavery in the United States



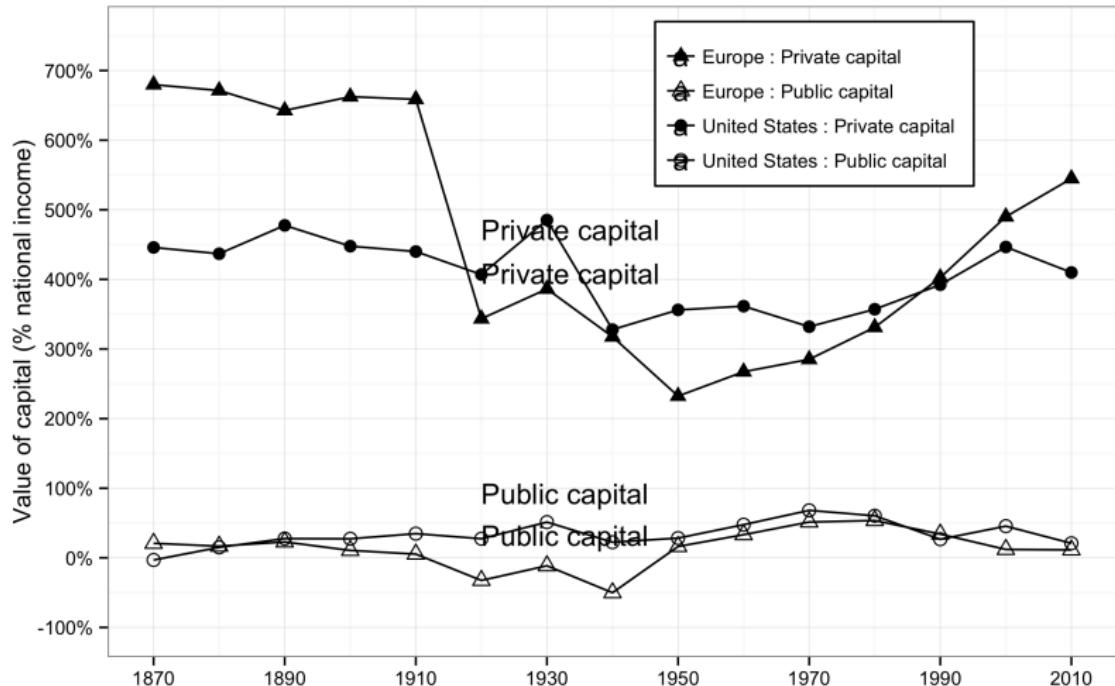
The market value of slaves was about 1.5 years of US national income around 1770 (as much as land).

Figure 4.11. Capital around 1770–1810: Old and New World



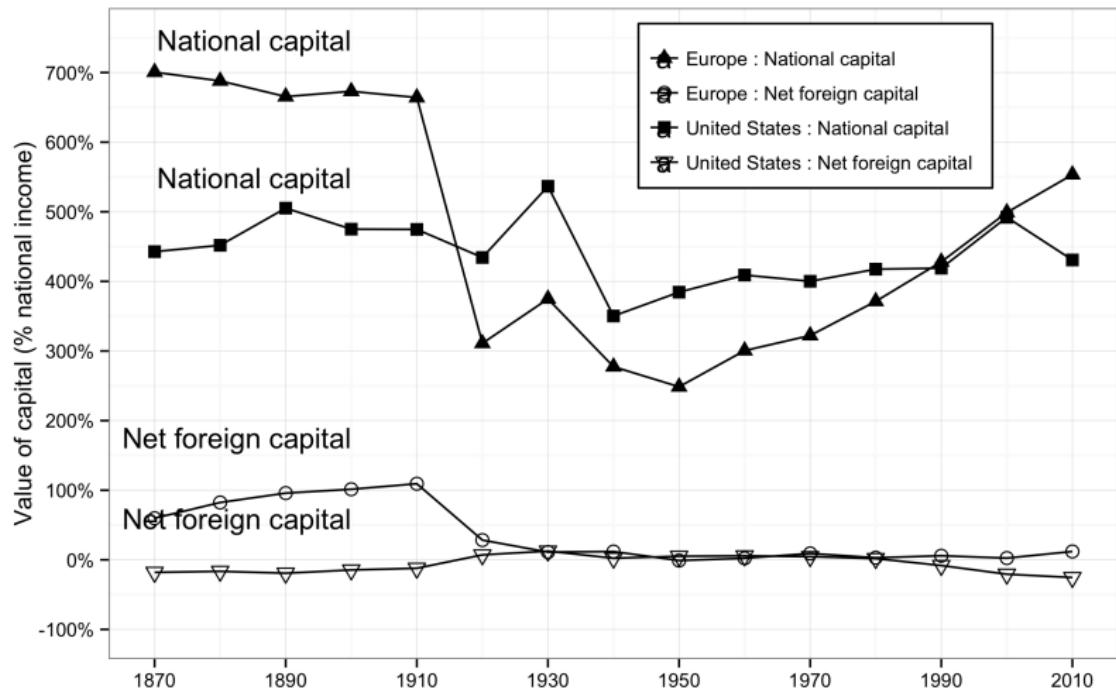
The combined value of agricultural land and slaves in the Southern United States surpassed four years of national income around 1770–1810.

Figure 5.1. Private & public capital in Europe & United States, 1870–2010



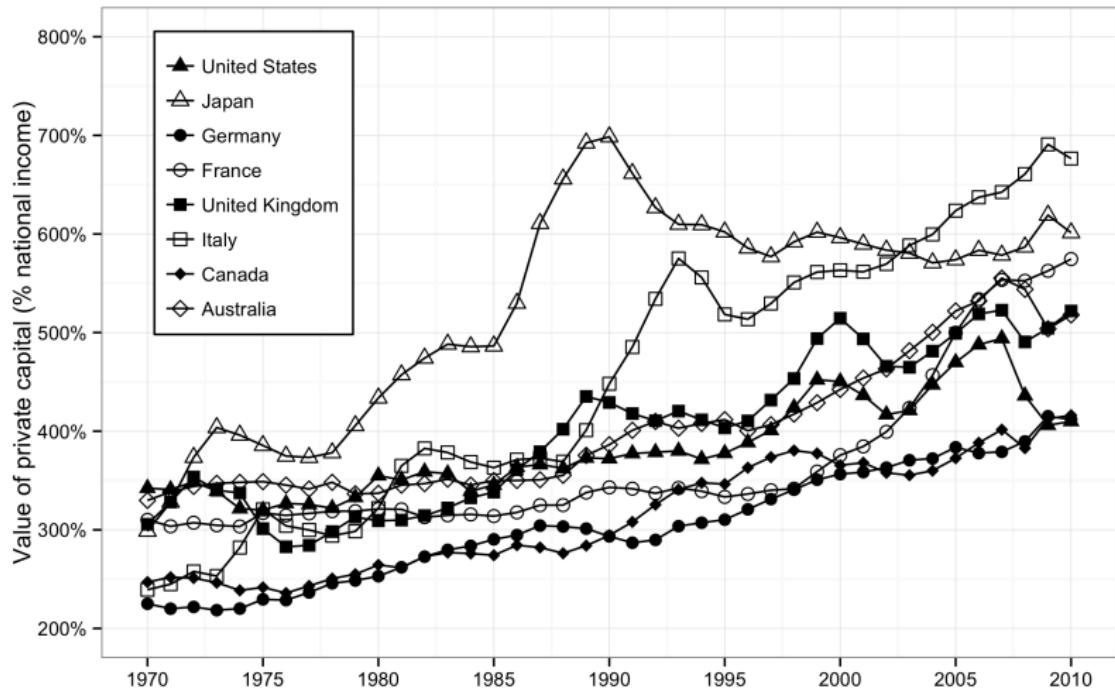
The fluctuations of national capital in the long run correspond mostly to the fluctuations of private capital (both in Europe and in the United States).

Figure 5.2. National capital in Europe & United States, 1870–2010



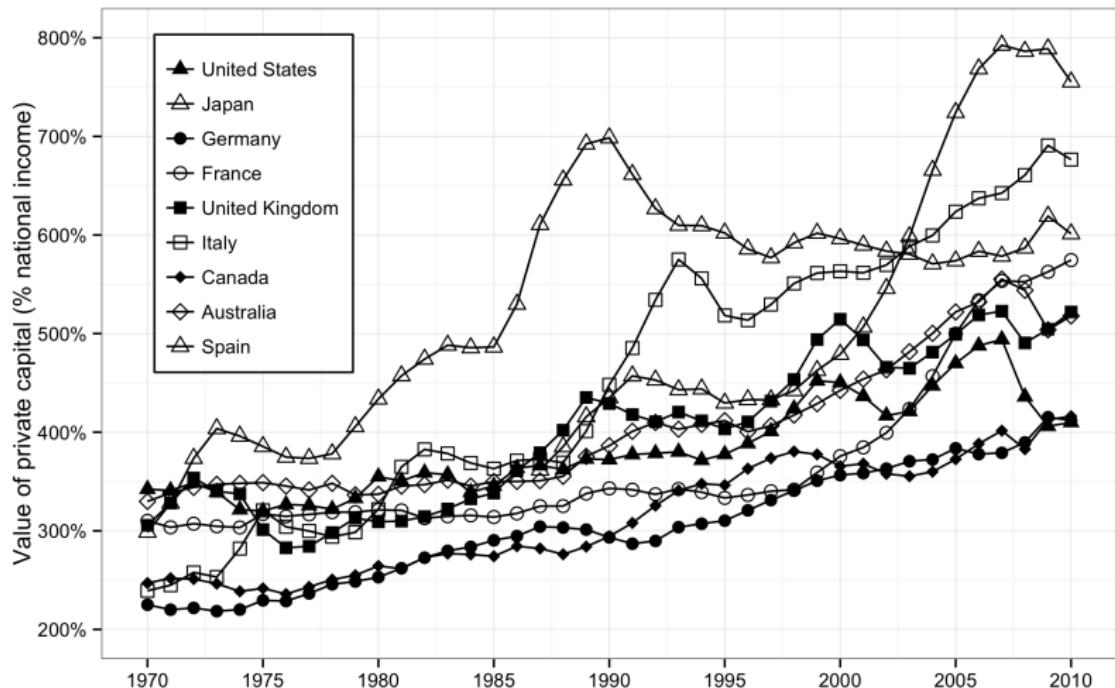
National capital (public and private) is worth 6.5 years of national income in Europe in 1910, versus 4.5 years in the United States.

Figure 5.3. Private capital in rich countries, 1970–2010



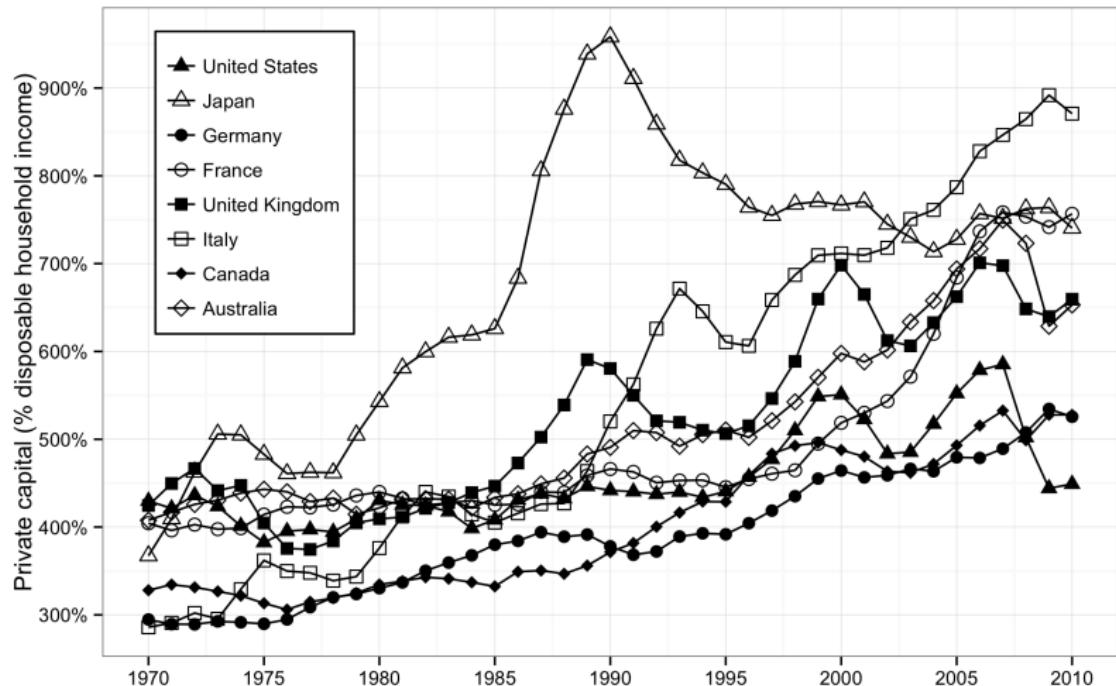
Private capital is worth between 2 and 3.5 years of national income in rich countries in 1970, and between 4 and 7 years of national income in 2010.

Figure 5.3S. Private capital in rich countries, 1970–2010



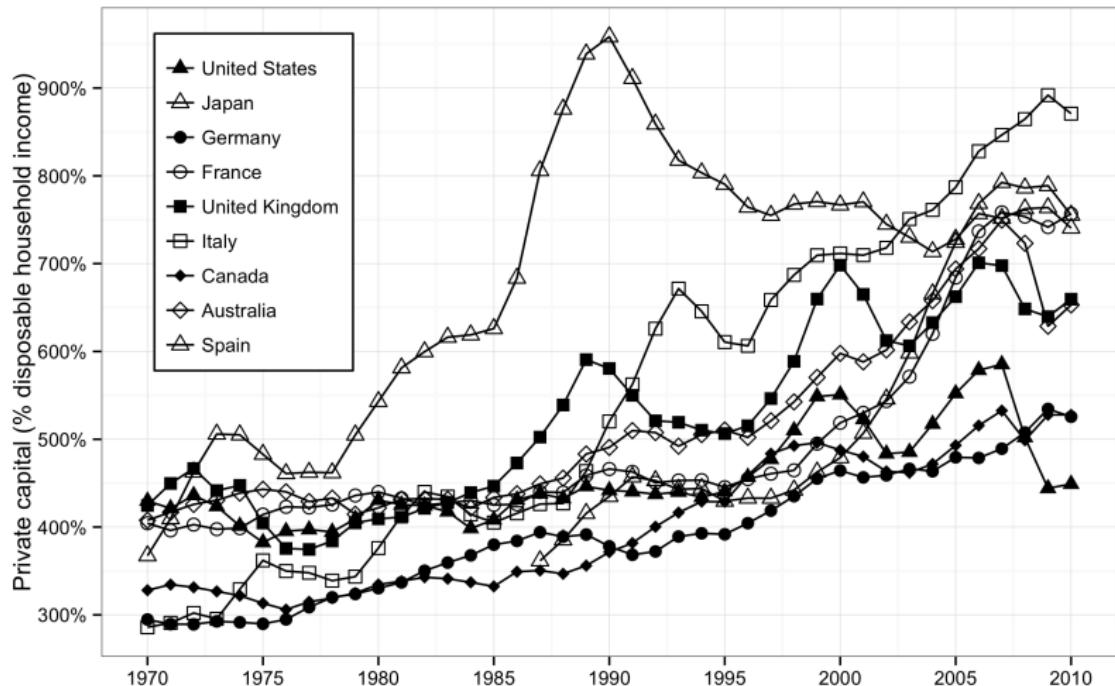
Private capital is worth between 2 and 3.5 years of national income in rich countries in 1970, and between 4 and 7 years of national income in 2010.

Figure 5.4. Private capital measured in years of disposable income, 1970–2010



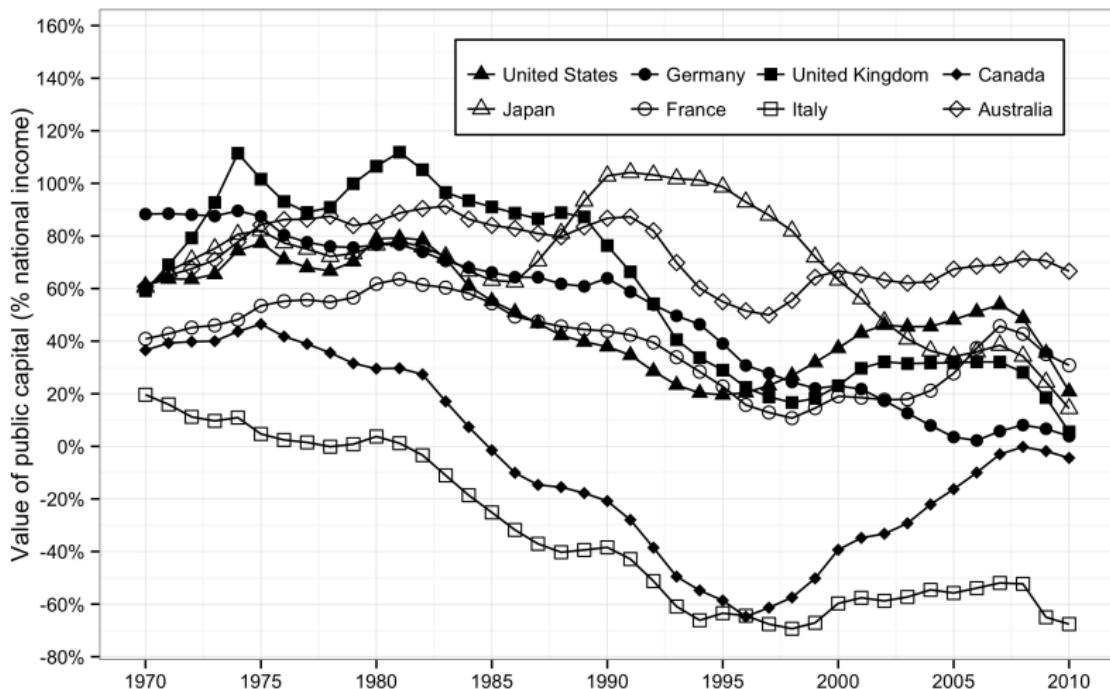
Expressed in years of household disposable income (about 70–80% of national income), the capital/income ratio appears to be larger than when it is expressed in years of national income.

Figure 5.4S. Private capital measured in years of disposable income, 1970–2010



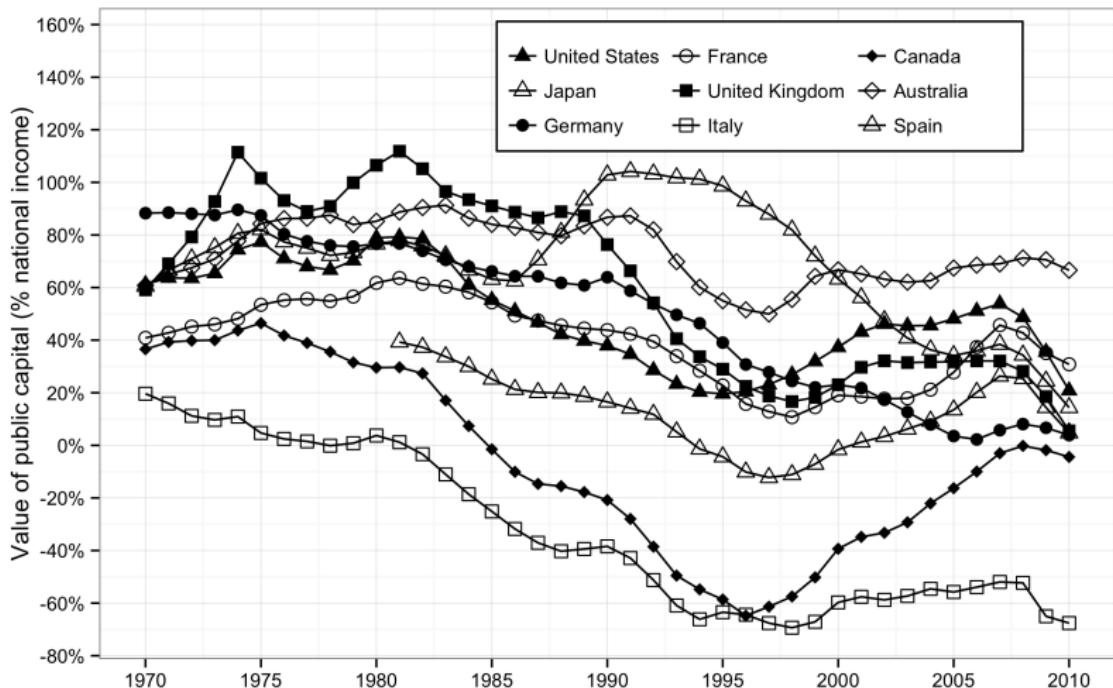
Expressed in years of household disposable income (about 70–80% of national income), the capital/income ratio appears to be larger than when it is expressed in years of national income.

Figure 5.5X. Public capital in rich countries, 1970–2010



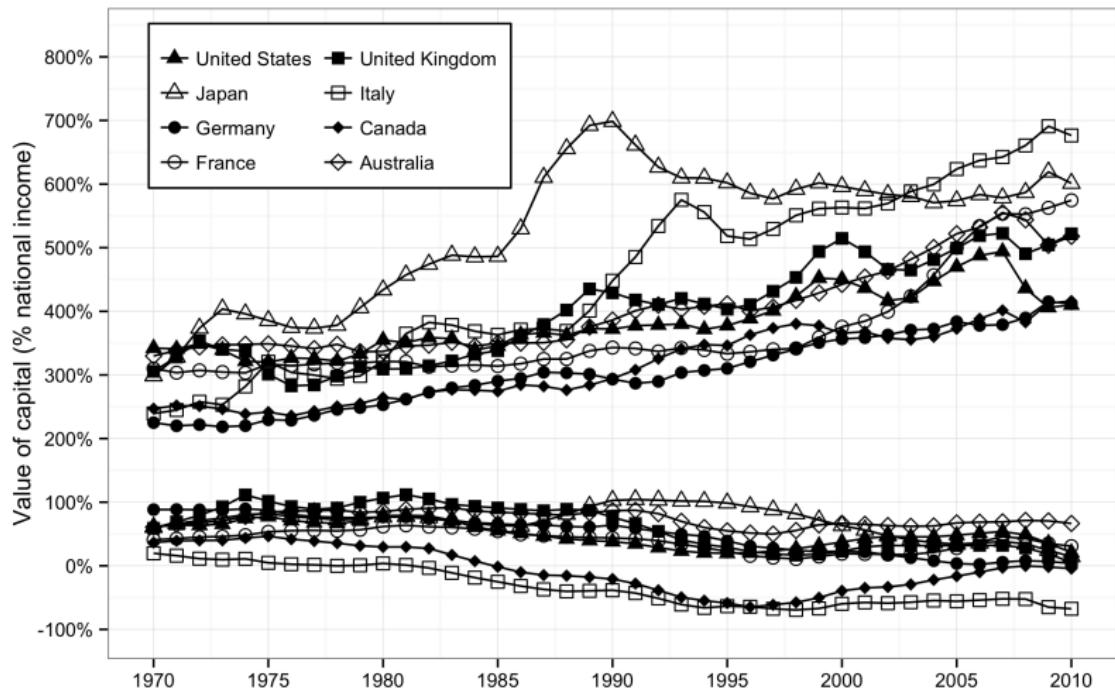
In France, Britain, Germany, and the United States, government deficits exceeded public investment by 2–3% of national income on average over the period 1970–2010, compared with more than 6% in Italy.

Figure 5.5XS. Public capital in rich countries, 1970–2010



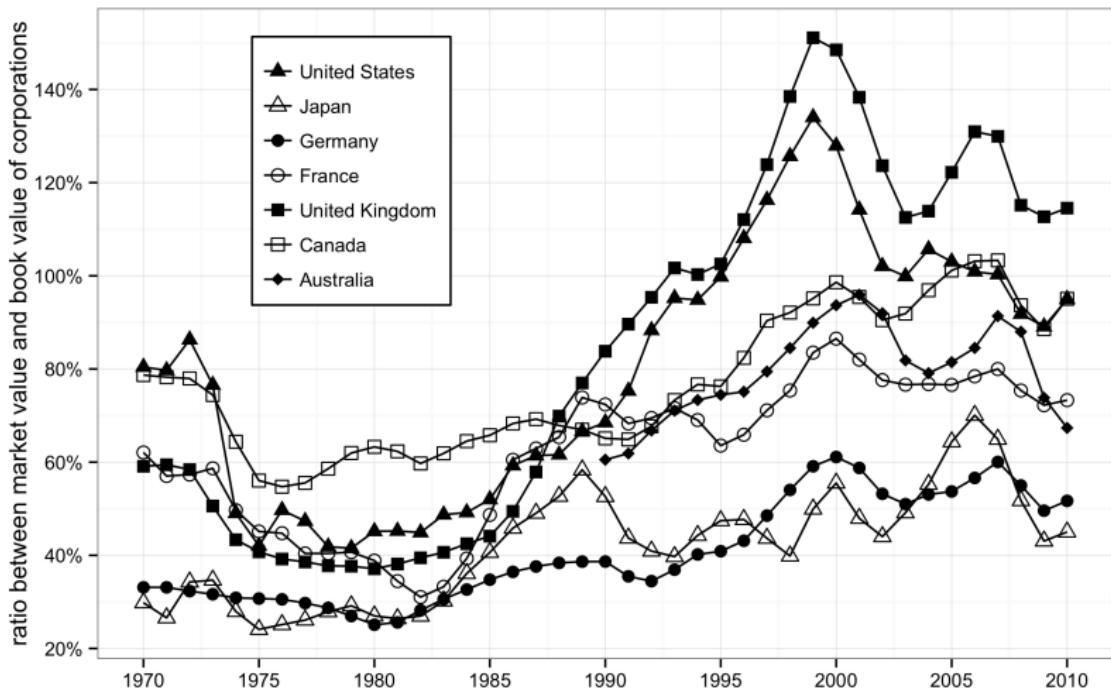
In France, Britain, Germany, and the United States, government deficits exceeded public investment by 2–3% of national income on average over the period 1970–2010, compared with more than 6% in Italy.

Figure 5.5. Private and public capital in rich countries, 1970–2010



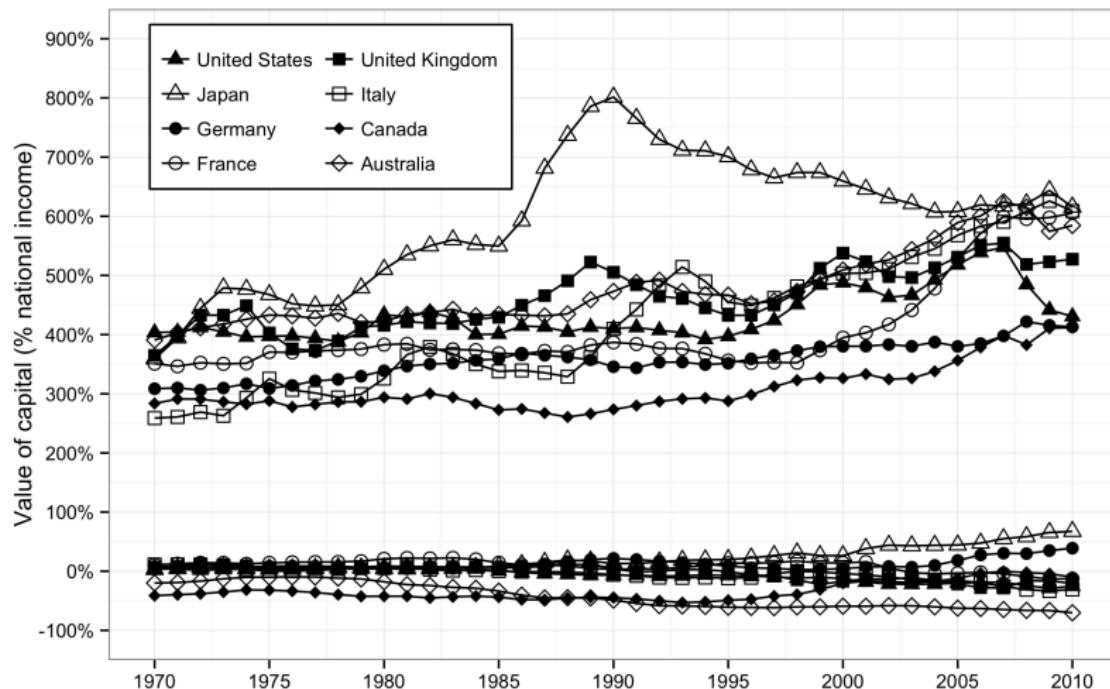
In Italy, private capital rose from 240% to 680% in national income between 1970 and 2010, while public capital dropped from 20% to -70%.

Figure 5.6. Market value and book value of corporations, 1970–2010



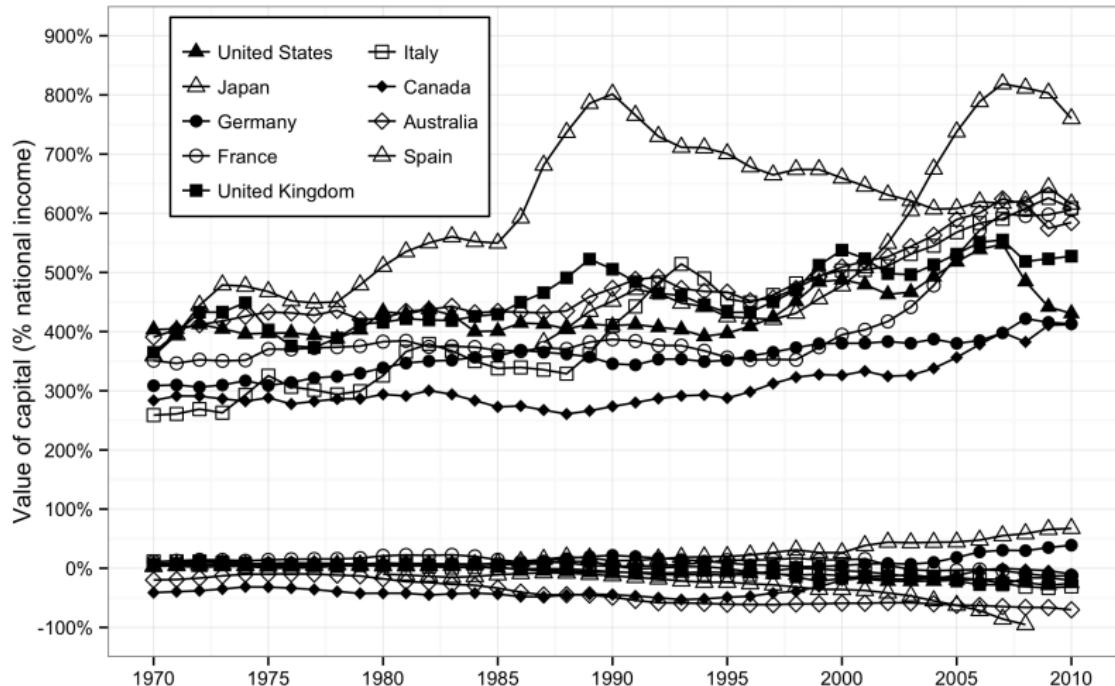
Tobin's Q (i.e. the ratio between market value and book value of corporations) has risen in rich countries since the 1970s–1980s.

Figure 5.7. National capital in rich countries, 1970–2010



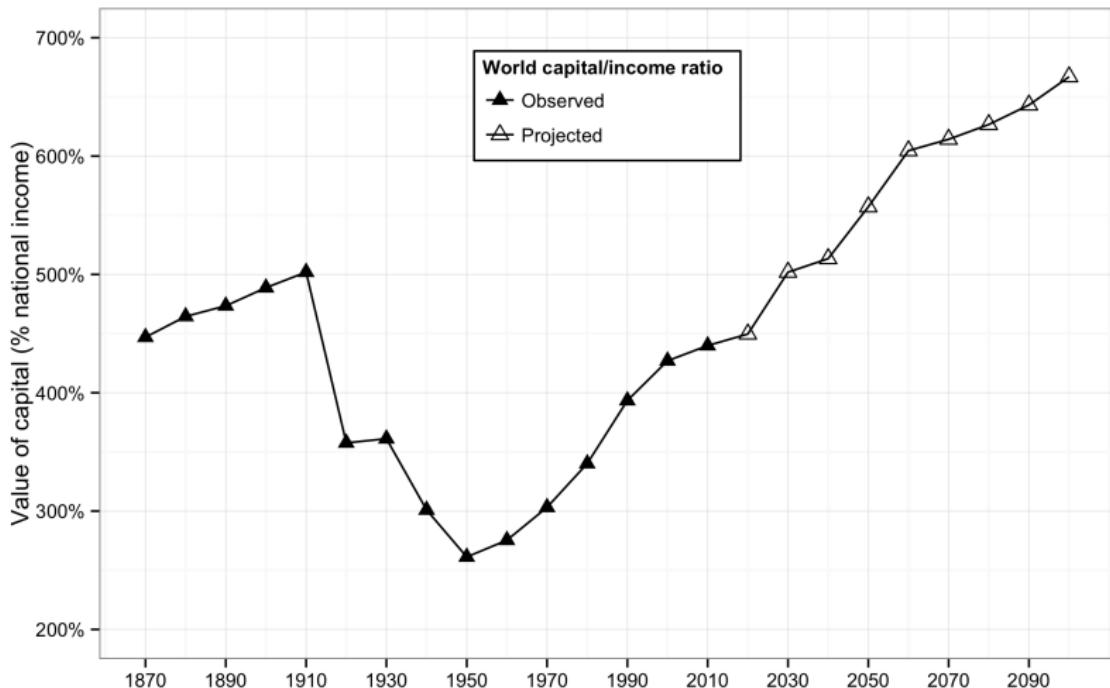
Net foreign assets held by Japan and Germany are worth between 6 months and one year of national income in 2010.

Figure 5.7S. National capital in rich countries, 1970–2010



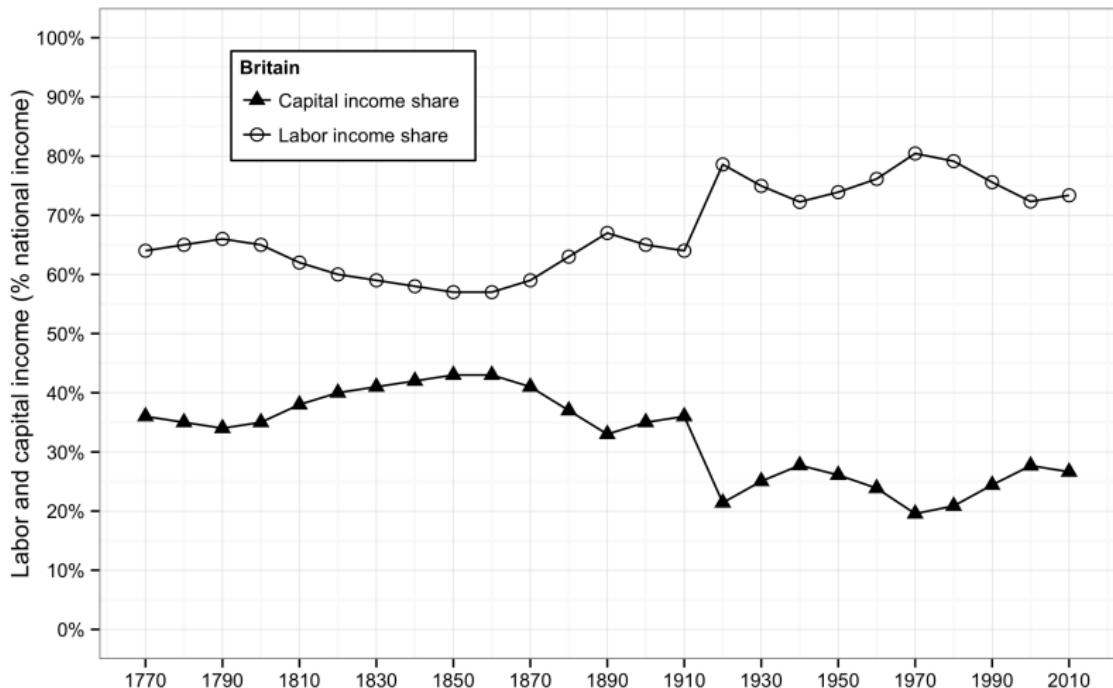
Net foreign assets held by Japan and Germany are worth between 6 months and one year of national income in 2010.

Figure 5.8. The world capital/income ratio, 1870–2100



According to simulations (central scenario), the world capital/income ratio could be close to 700 percent by the end of the twenty-first century.

Figure 6.1. The capital-labor split in Britain, 1770–2010



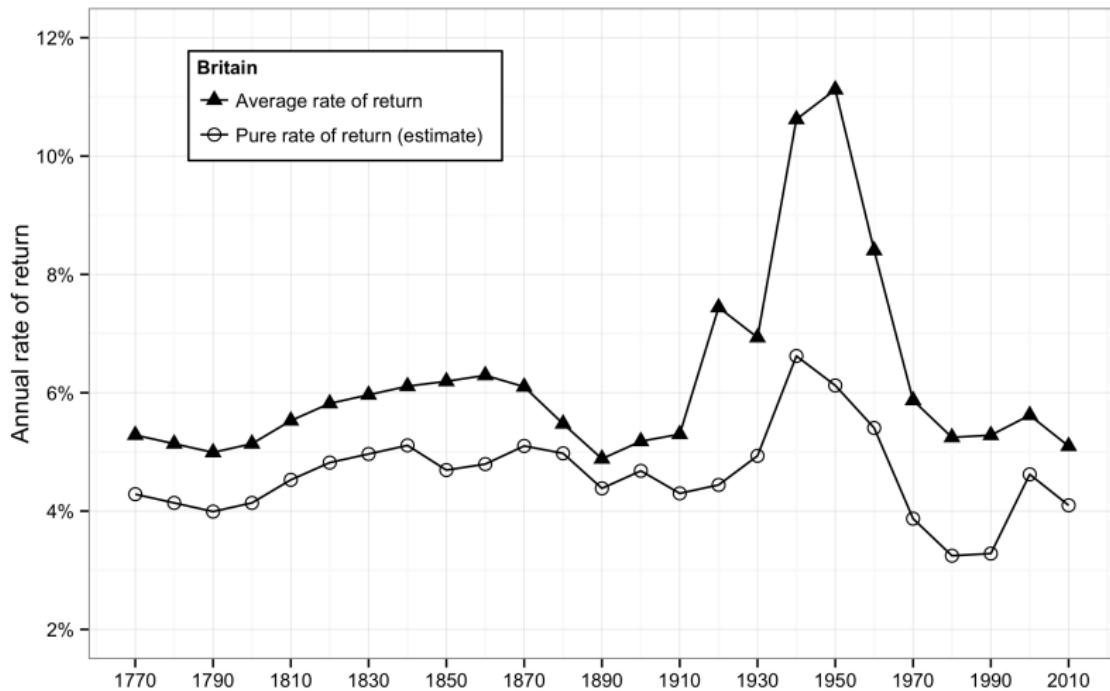
During the nineteenth century, capital income (rent, profits, dividends, interest...) absorbed about 40 percent of national income versus 60 percent for labor income (including both wage and non-wage income).

Figure 6.2. The capital-labor split in France, 1820–2010



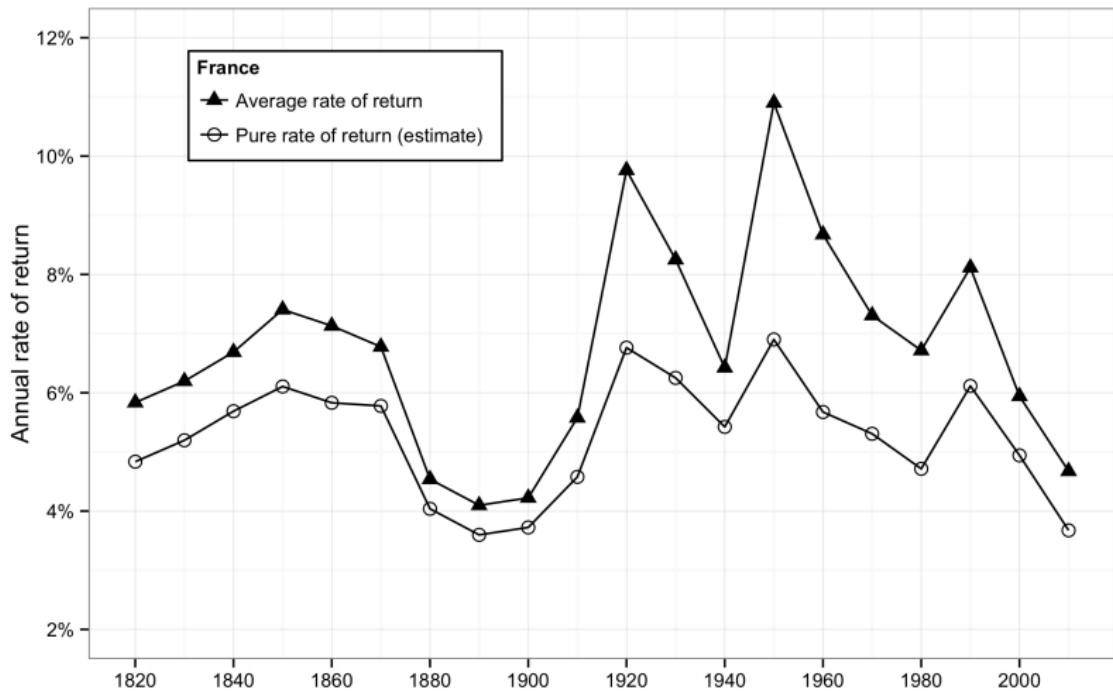
In the twenty-first century, capital income (rent, profits, dividends, interest...) absorbs about 30 percent of national income versus 70 percent for labor income (including both wage and non-wage income).

Figure 6.3. The pure rate of return on capital in Britain, 1770–2010



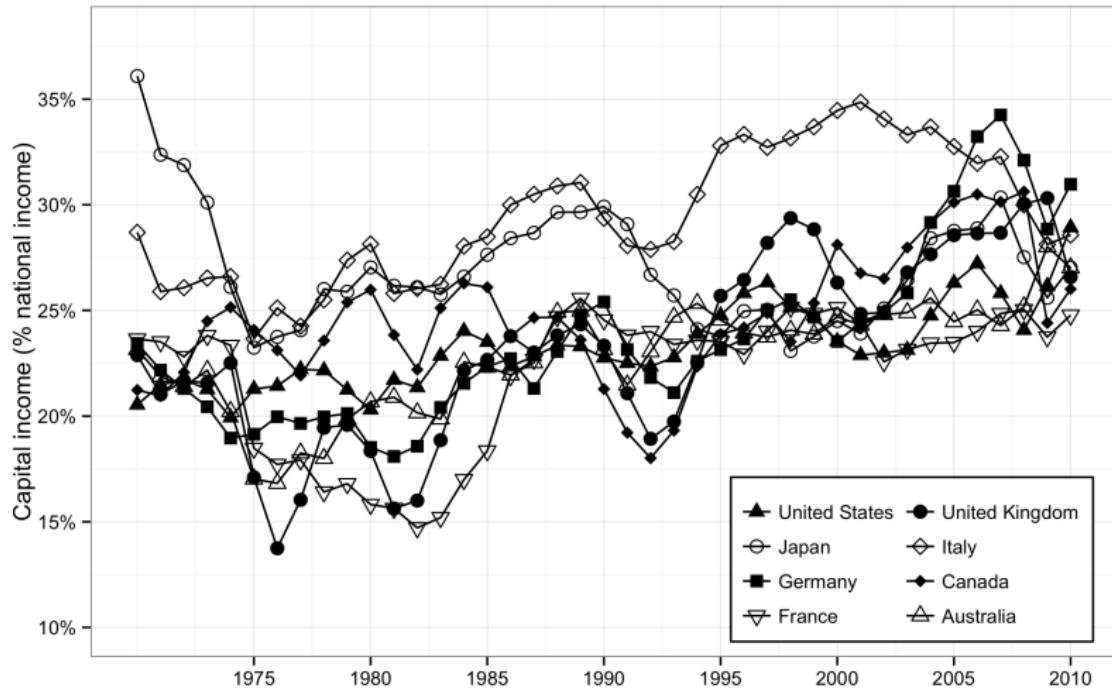
The pure rate of return to capital is roughly stable around 4–5 percent in the long run.

Figure 6.4. The pure rate of return on capital in France, 1820–2010



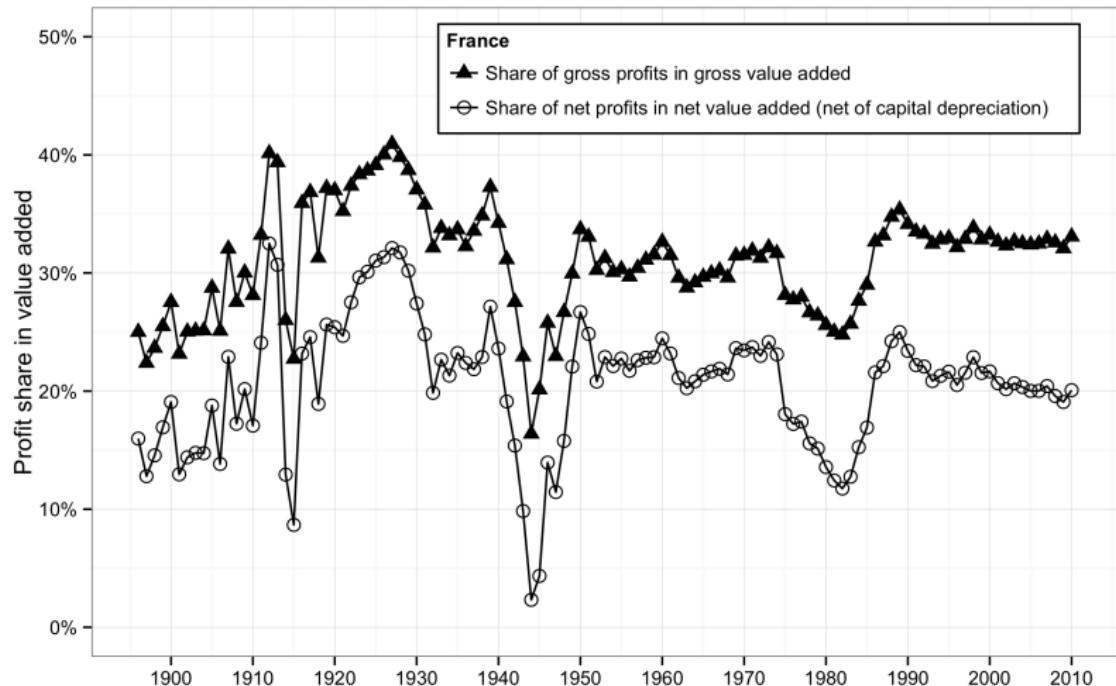
The observed average rate of return displays larger fluctuations than the pure rate of return during the twentieth century.

Figure 6.5. The capital share in rich countries, 1975–2010



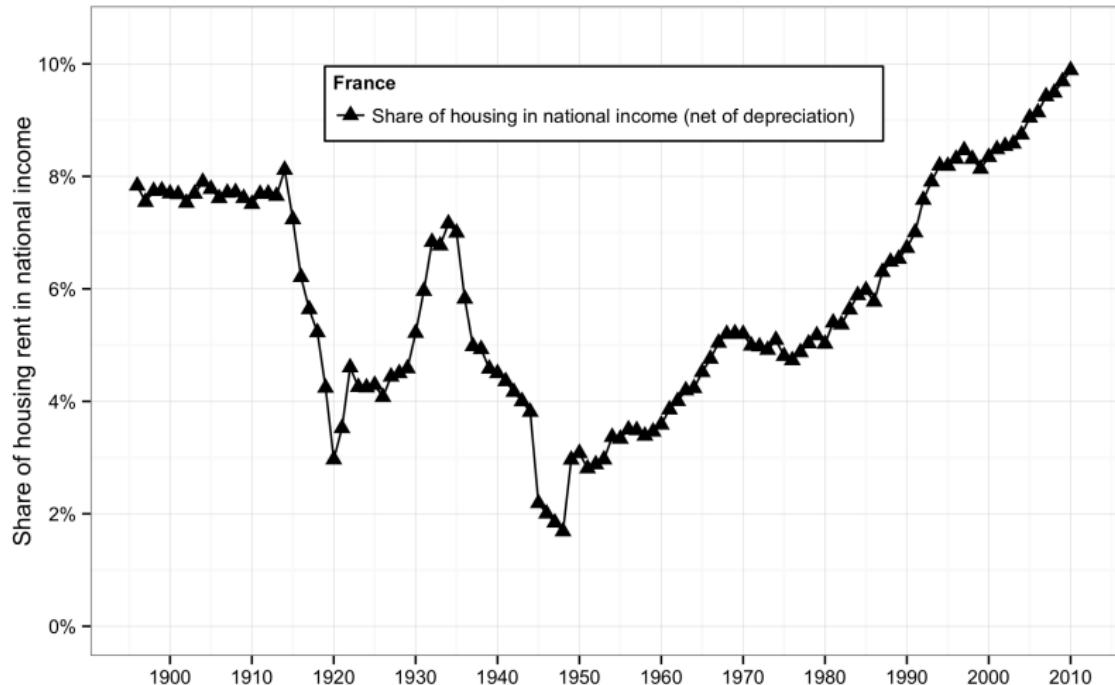
Capital income absorbs between 15 percent and 25 percent of national income in rich countries in 1970, and between 25 percent and 30 percent in 2000–2010.

Figure 6.6. The profit share in the value added of corporations in France, 1900–2010



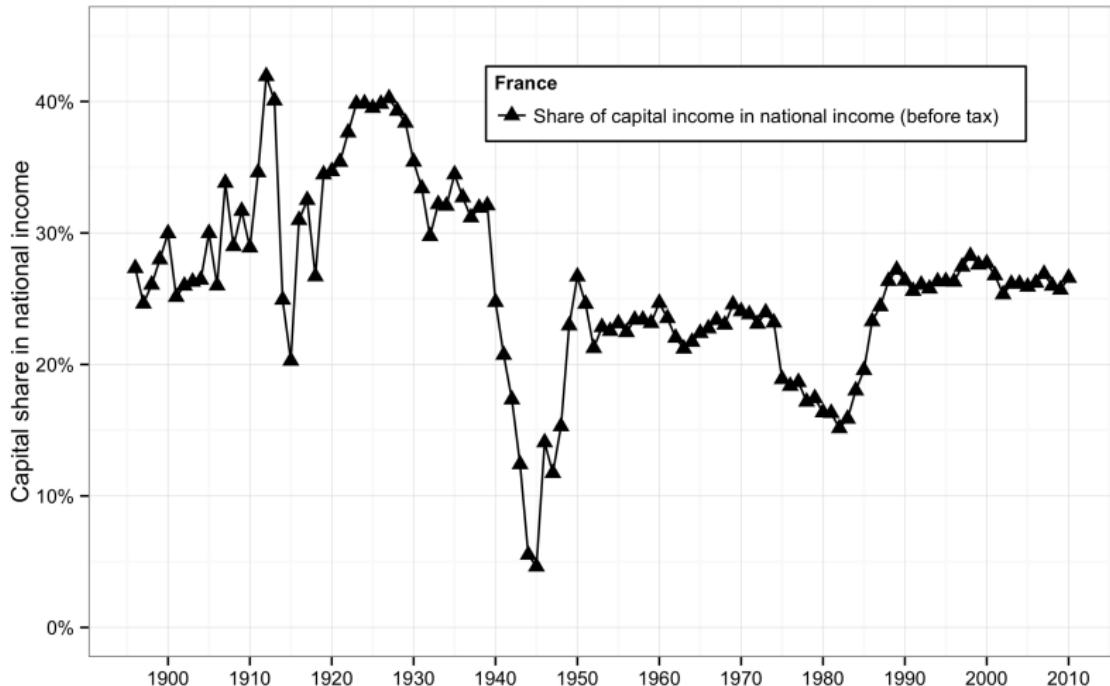
The share of gross profits in gross value added of corporations rose from 25 percent in 1982 to 33 percent in 2010; the share of net profits in net value added rose from 12 percent to 20 percent.

Figure 6.7. The share of housing rent in national income in France, 1900–2010



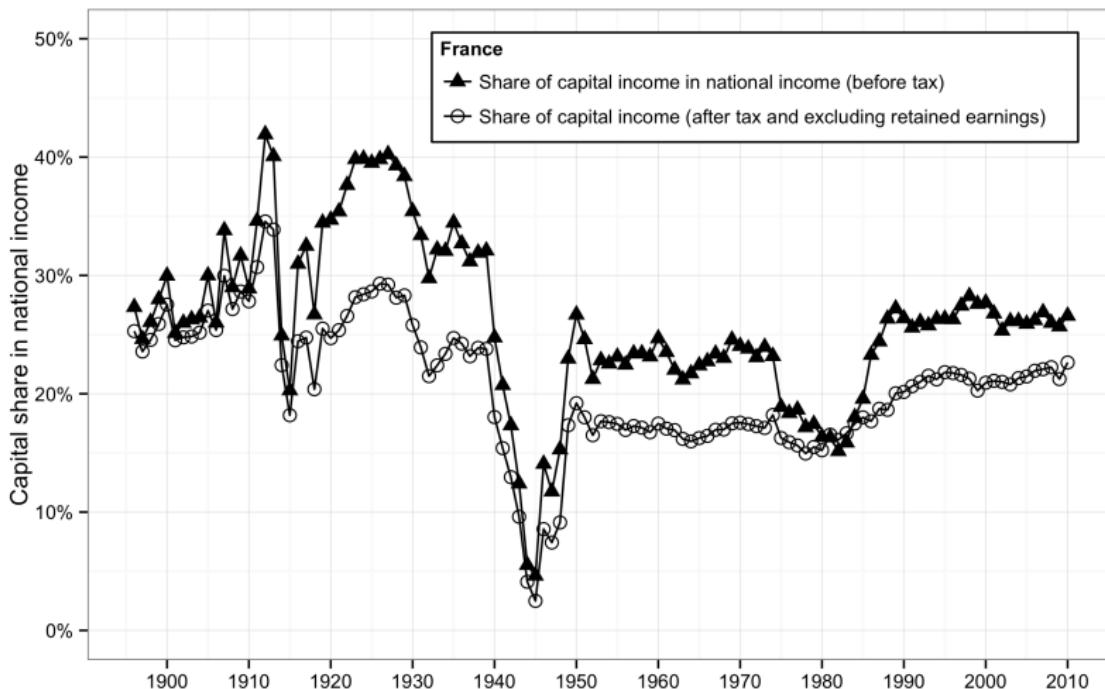
The share of housing rent (rental value of dwellings) rose from 2 percent of national income in 1948 to 10 percent in 2010.

Figure 6.8. The capital share in national income in France, 1900–2010



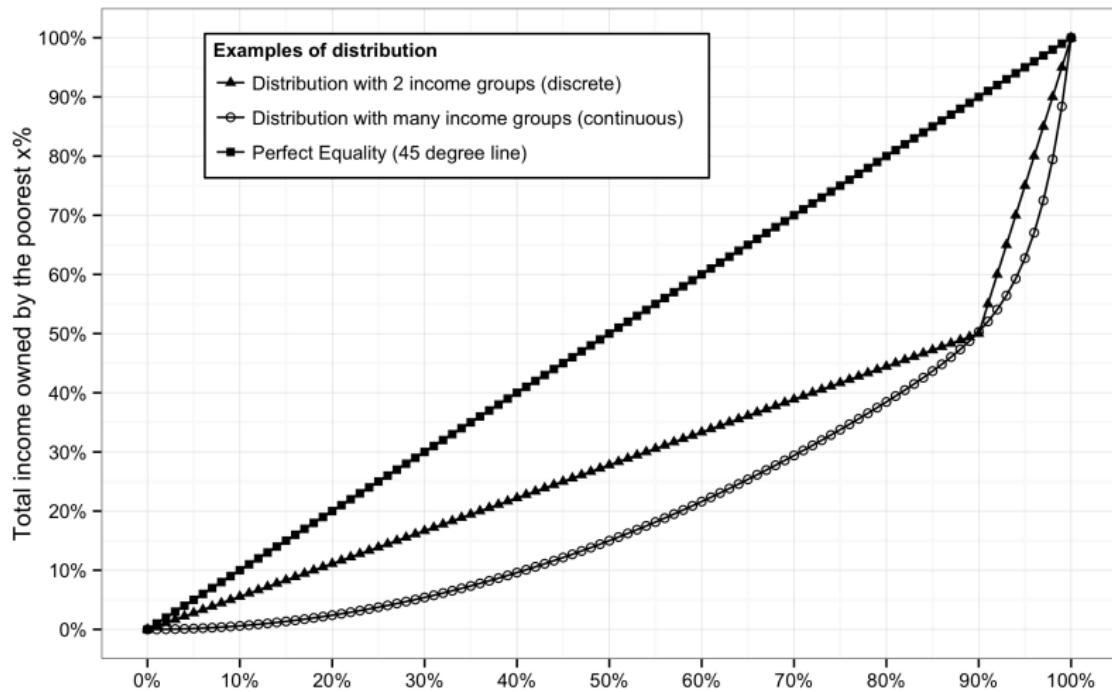
The share of capital income (net profits and rents) rose from 15 percent of national income in 1982 to 27 percent in 2010.

Figure 6.8S. The capital share in national income in France, 1900–2010



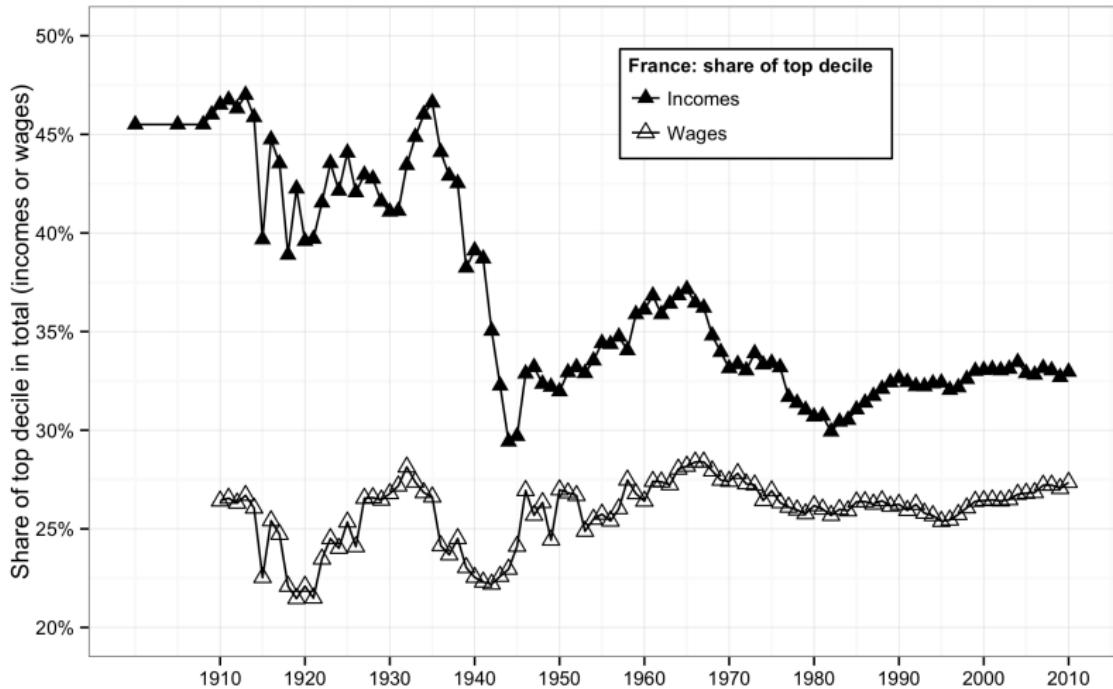
The share of capital income (net profits and rents) rose from 15 percent of national income in 1982 to 27 percent in 2010.

Figure 7.1X. Examples of Gini-Lorenz curves



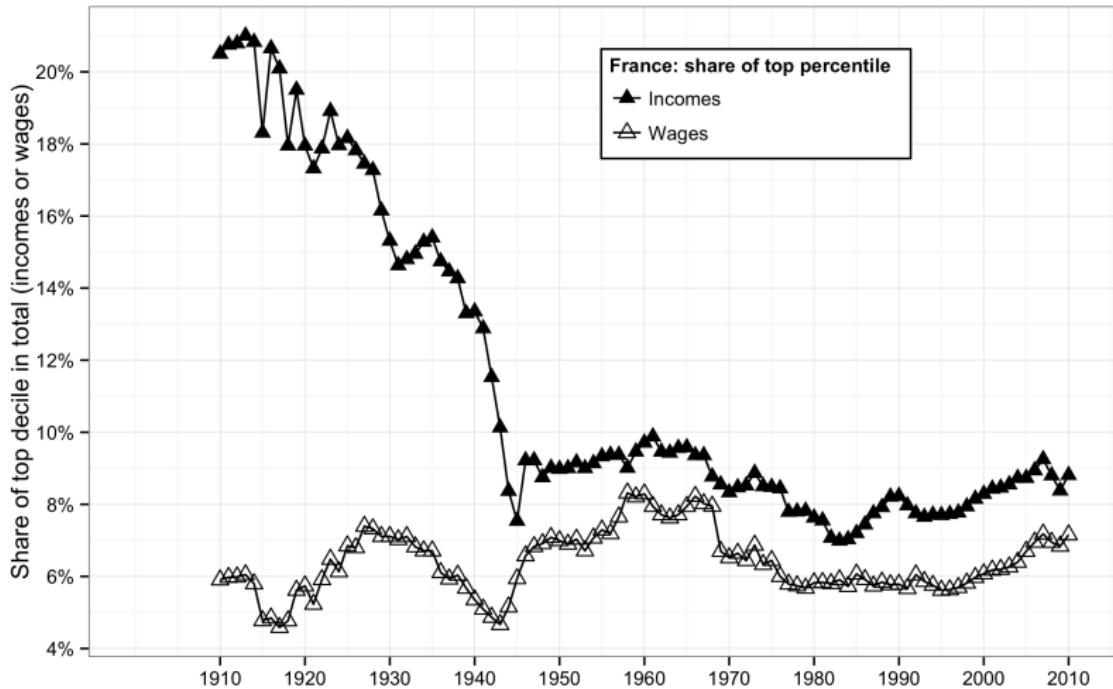
The share of capital income (net profits and rents) rose from 15 percent of national income in 1982 to 27 percent in 2010.

Figure 8.1. Income inequality in France, 1910–2010



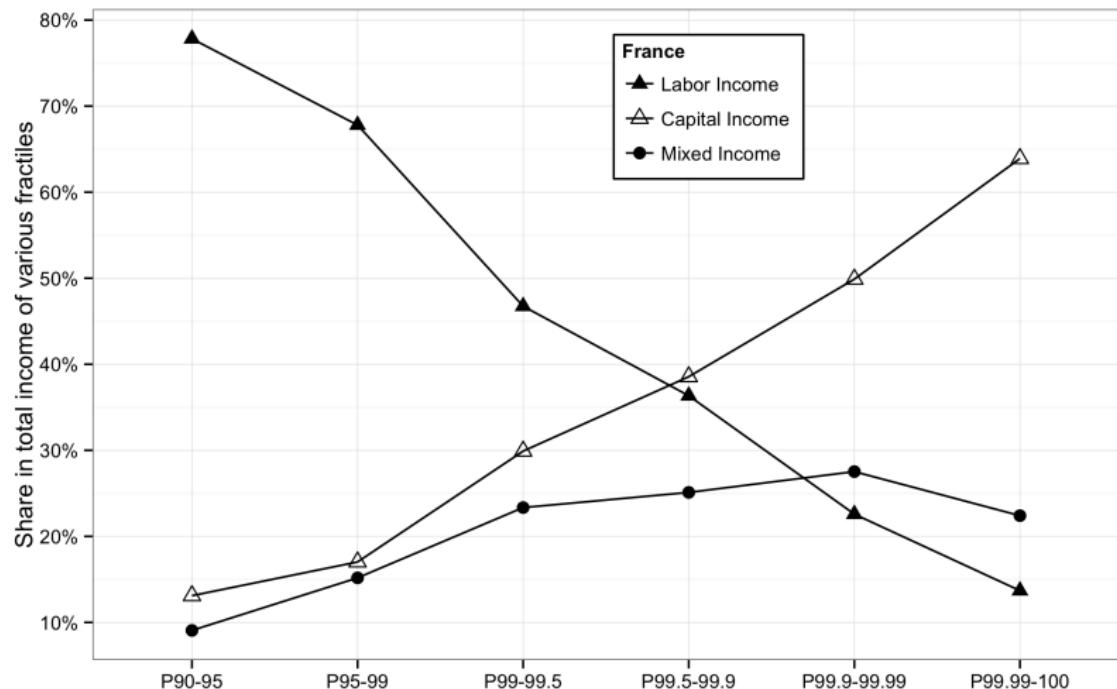
Inequality of total income (labor and capital) has dropped in France during the twentieth century, while wage inequality has remained the same.

Figure 8.2. The fall of rentiers in France, 1910–2010



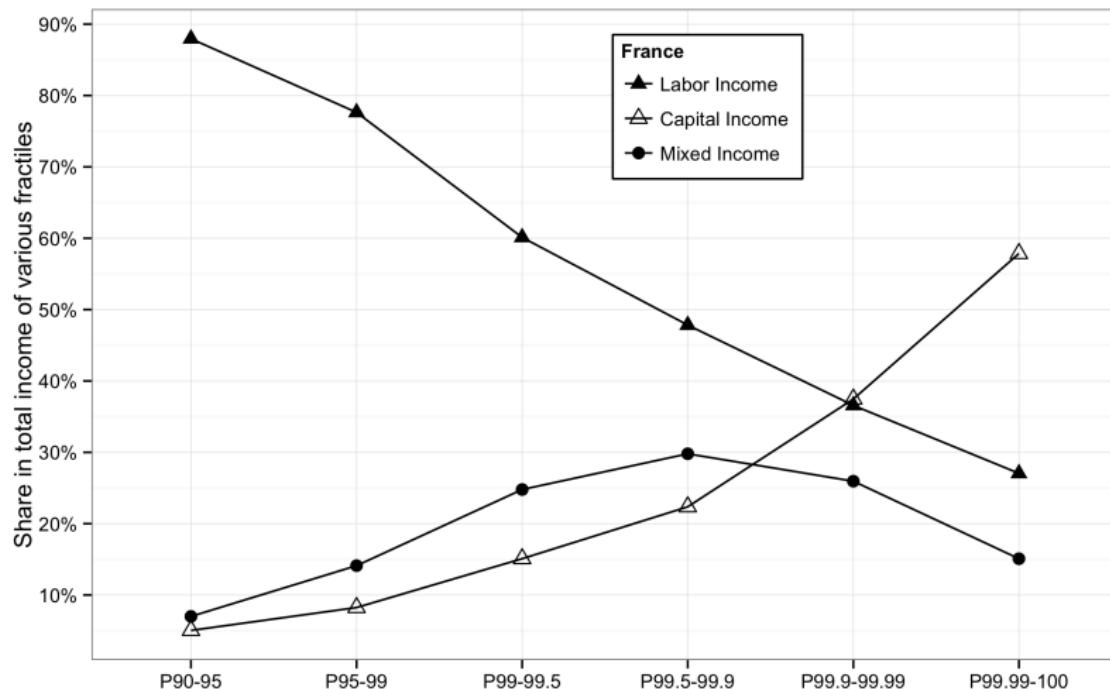
The fall in the top percentile share (the top 1 percent highest incomes) in France between 1914 and 1945 is due to the fall of top capital incomes.

Figure 8.3. The composition of top incomes in France in 1932



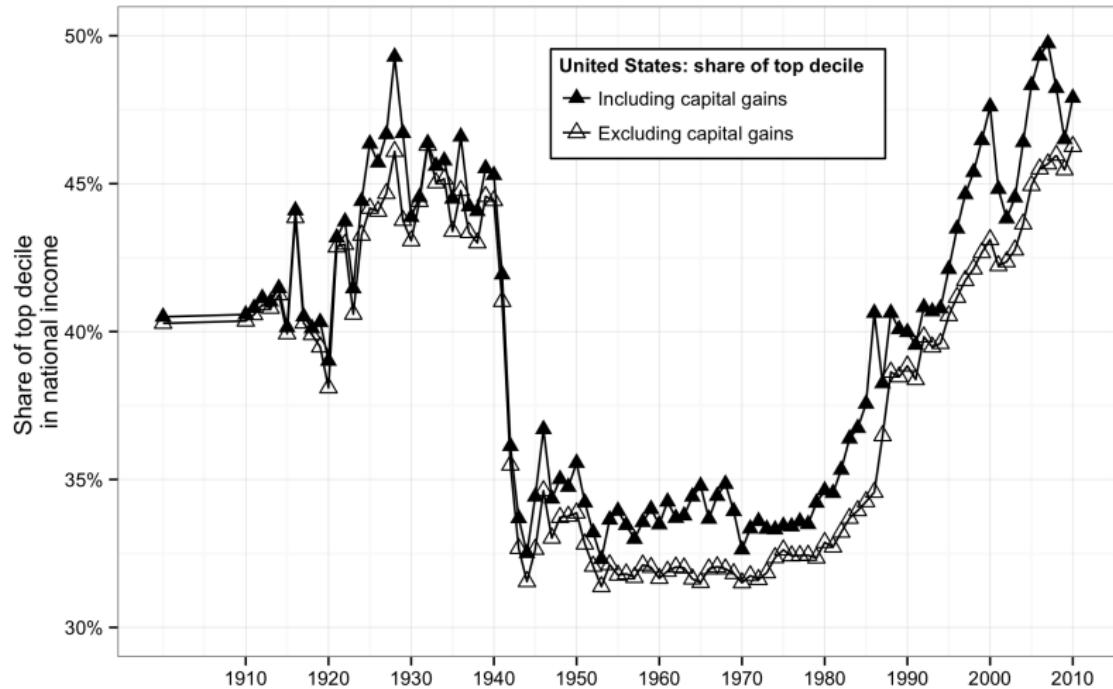
Labor income becomes less and less important as one goes up within the top decile of total income. Notes: (i) "P90–95" includes individuals between percentiles 90 to 95, "P95–99" includes the next 4 percent, "P99–99.5" the next 0.5 percent, etc.; (ii) Labor income: wages, bonuses, pensions. Capital income: dividends, interest, rent. Mixed income: self-employment income.

Figure 8.4. The composition of top incomes in France in 2005



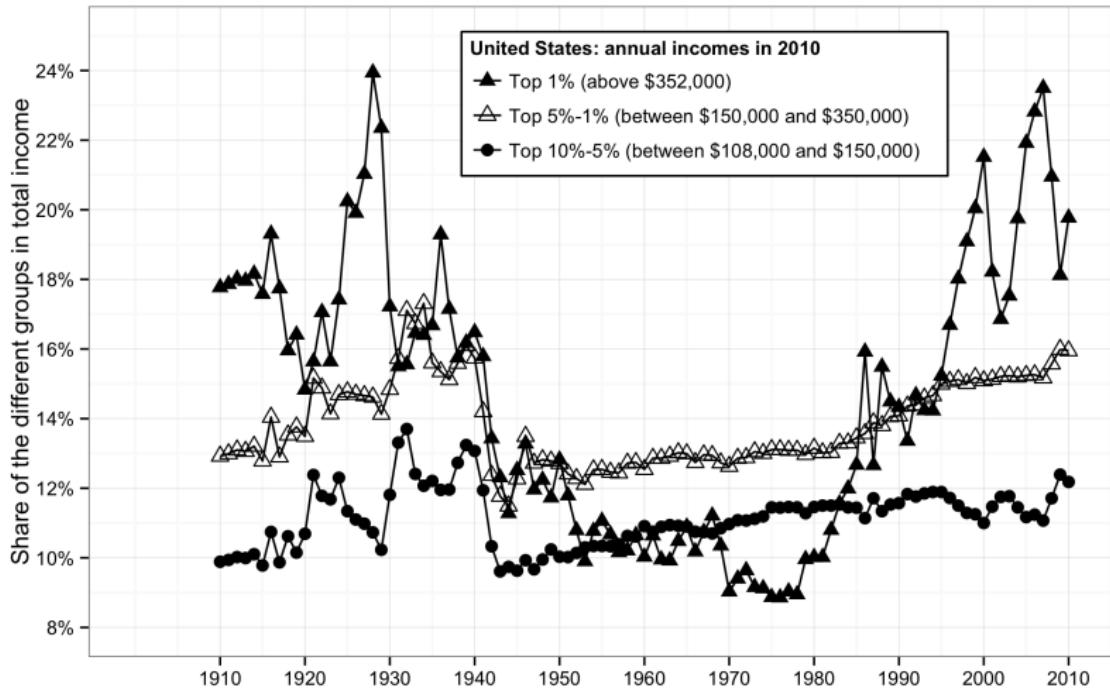
Capital income becomes dominant at the level of the top 0.1 percent in France in 2005, as opposed to the top 0.5 percent in 1932.

Figure 8.5. Income inequality in the United States, 1910–2010



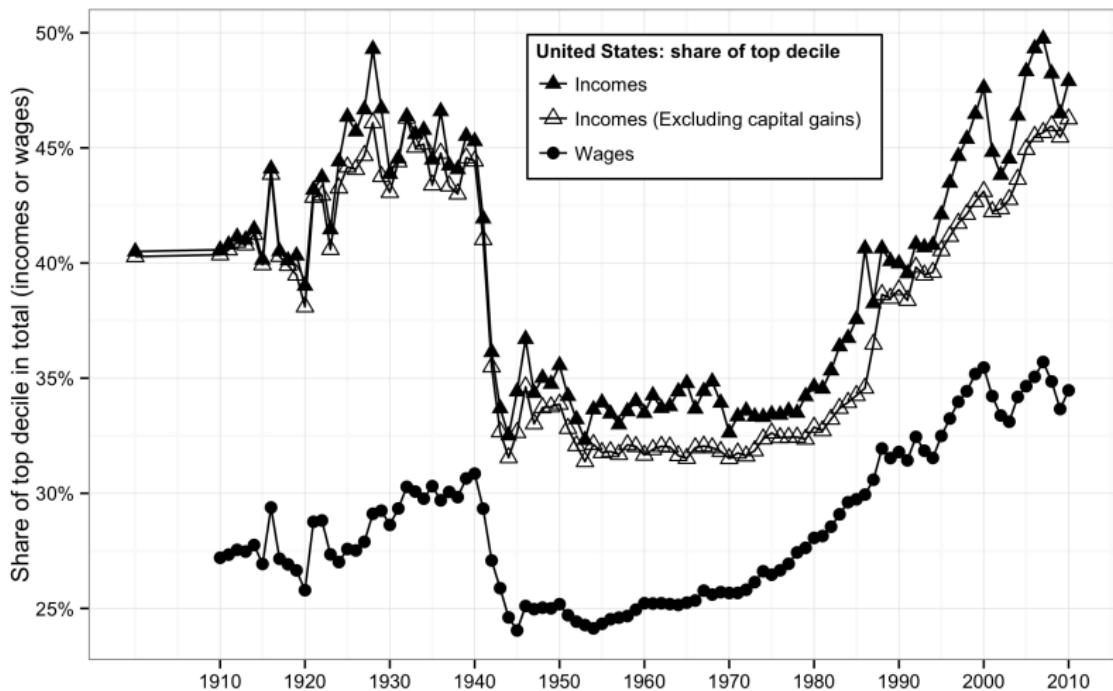
The top decile share in U.S. national income dropped from 45–50% in the 1910s–1920s to less than 35% in the 1950s (this is the 1950 1960 fall documented by Kuznets); it then rose from less than 35% in the 1970s to 45–50% in the 2000s–2010s.

Figure 8.6. Decomposition of the top decile, United States, 1910–2010



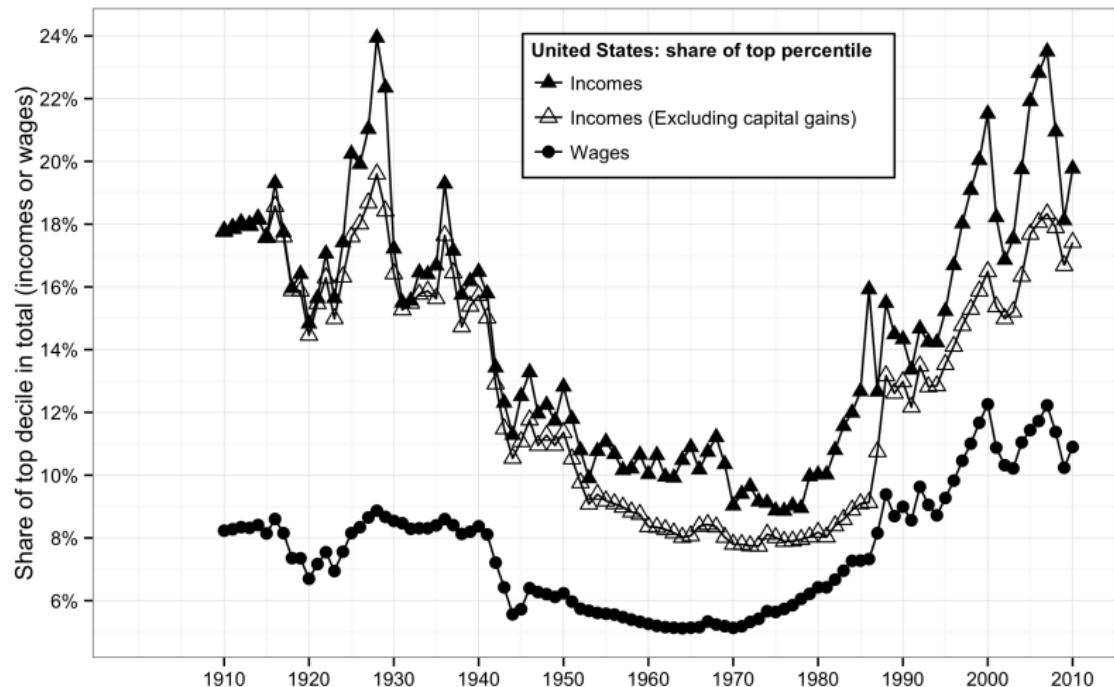
The rise of the top decile income share since the 1970s is mostly due to the top percentile.

Figure 8.7. High incomes and high wages in the United States, 1910–2010



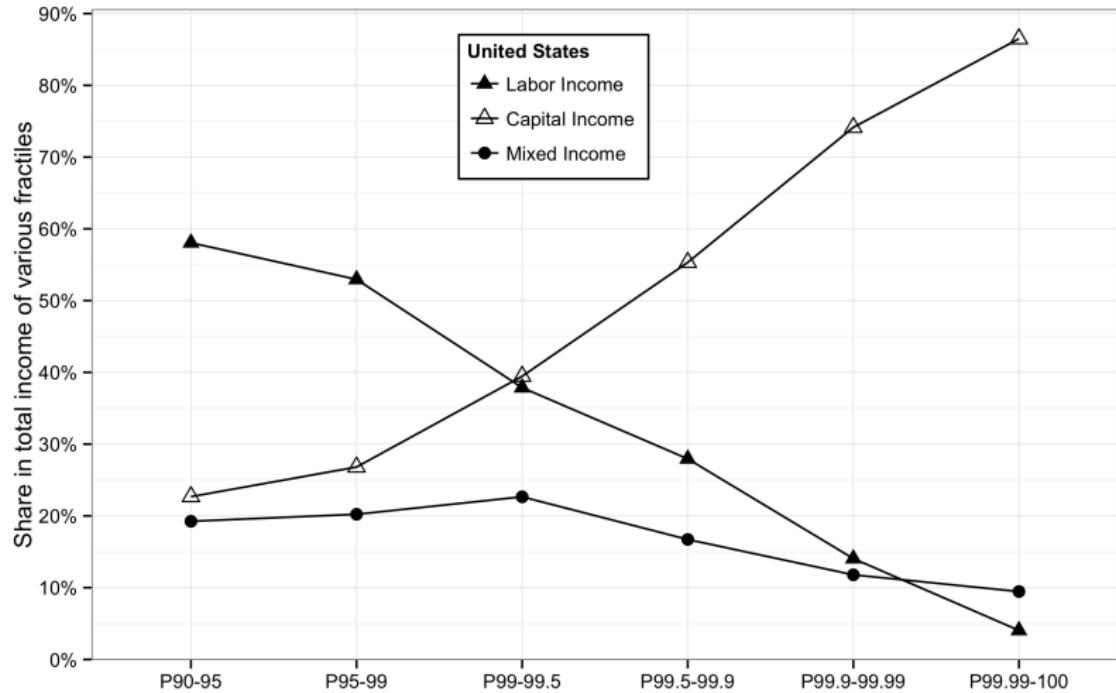
The rise of income inequality since the 1970s is largely due to the rise of wage inequality.

Figure 8.8. The transformation of the top 1 percent in the United States, 1910–2010



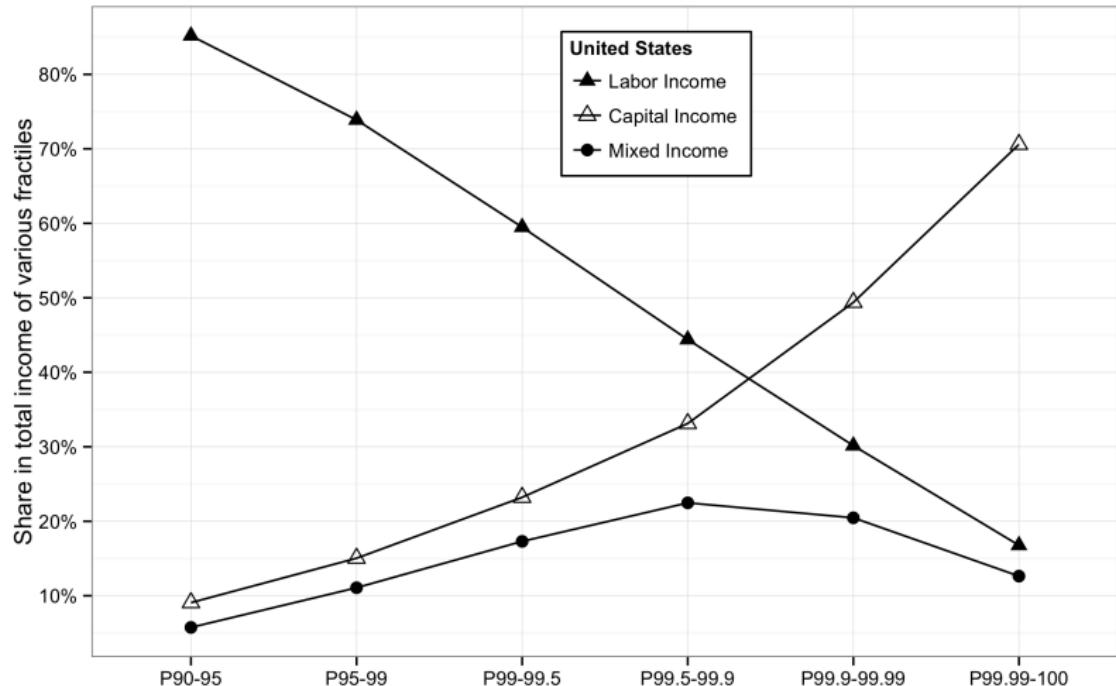
The rise in the top 1 percent highest incomes since the 1970s is largely due to the rise in the top 1 percent highest wages.

Figure 8.9. The composition of top incomes in the United States in 1929



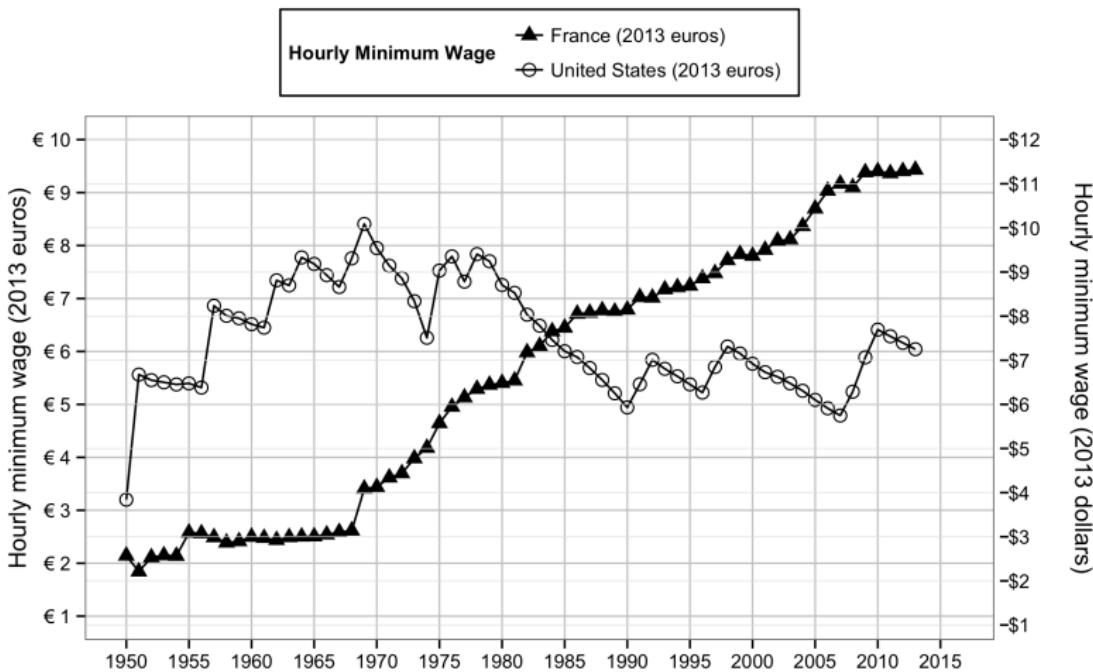
Labor income becomes less and less important as one moves up within the top income decile.

Figure 8.10. The composition of top incomes in the United States in 2007



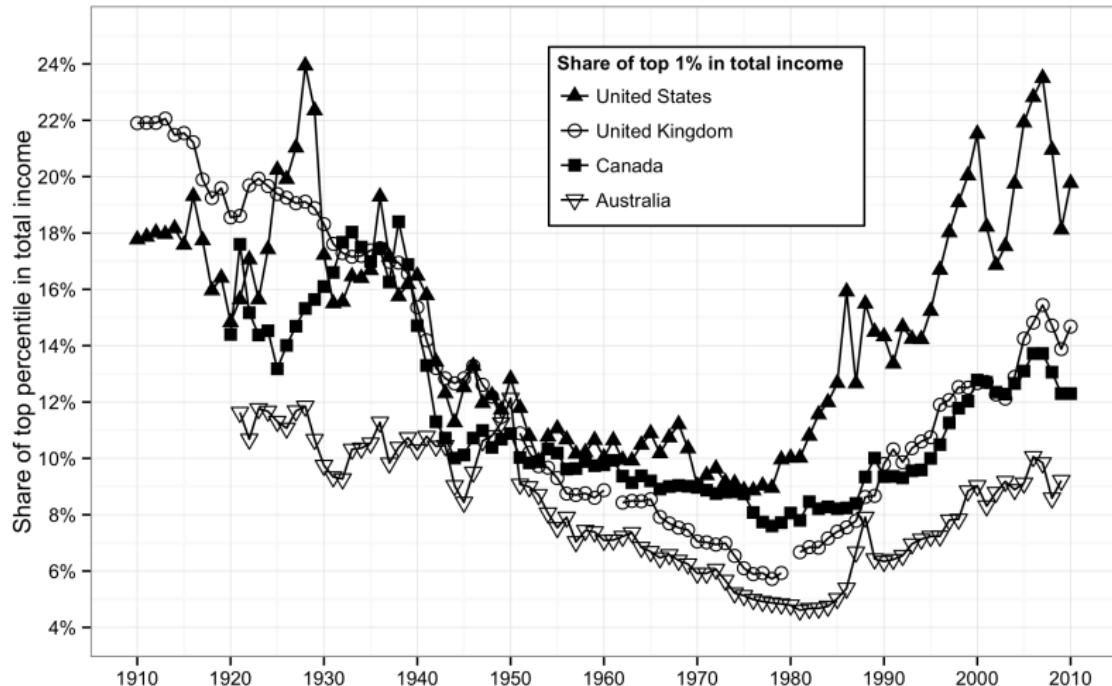
Capital income becomes dominant at the level of top 0.1 percent in 2007, as opposed to the top 1 percent in 1929.

Figure 9.1. Minimum wage in France and the United States, 1950–2013



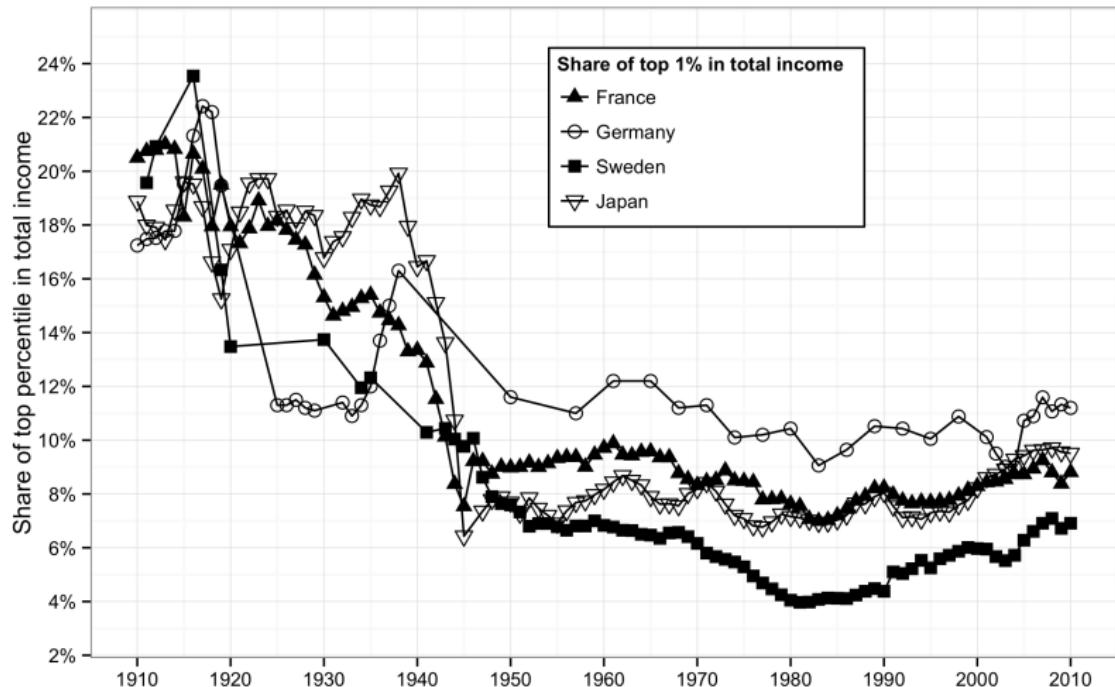
Expressed in 2013 purchasing power, the hourly minimum wage rose from \$3.80 to \$7.30 between 1950 and 2013 in the United States, and from €2.10 to €9.40 in France.

Figure 9.2. Income inequality in Anglo-Saxon countries, 1910–2010



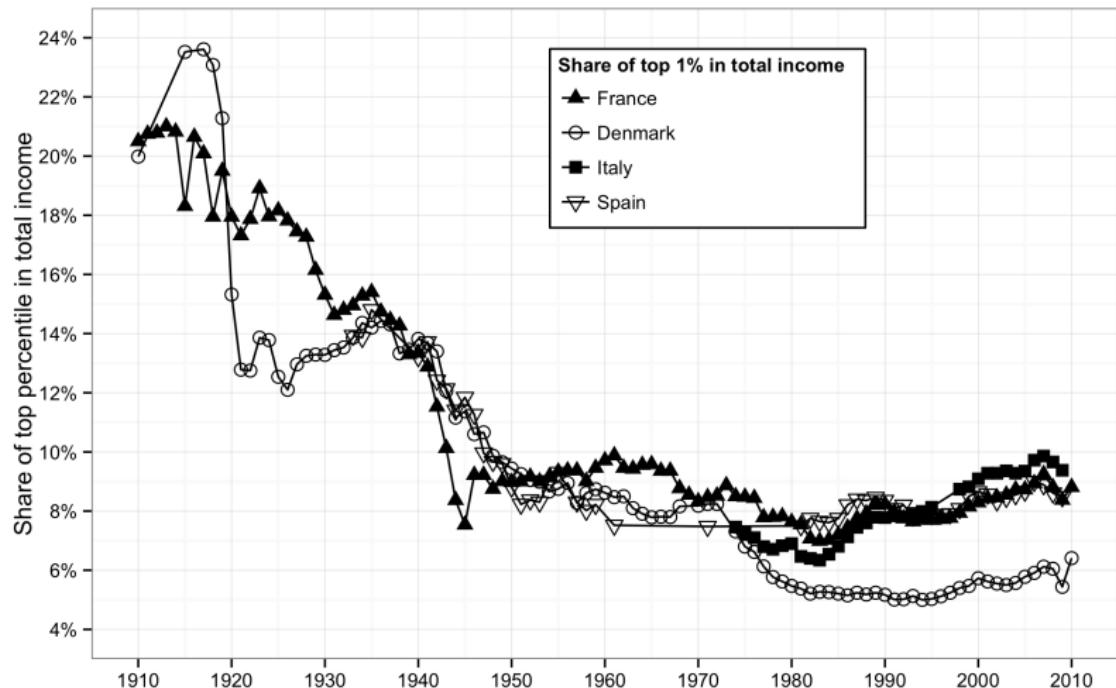
The share of top percentile in total income rose since the 1970s in all Anglo-Saxon countries, but with different magnitudes.

Figure 9.3. Income inequality in Continental Europe and Japan, 1910–2010



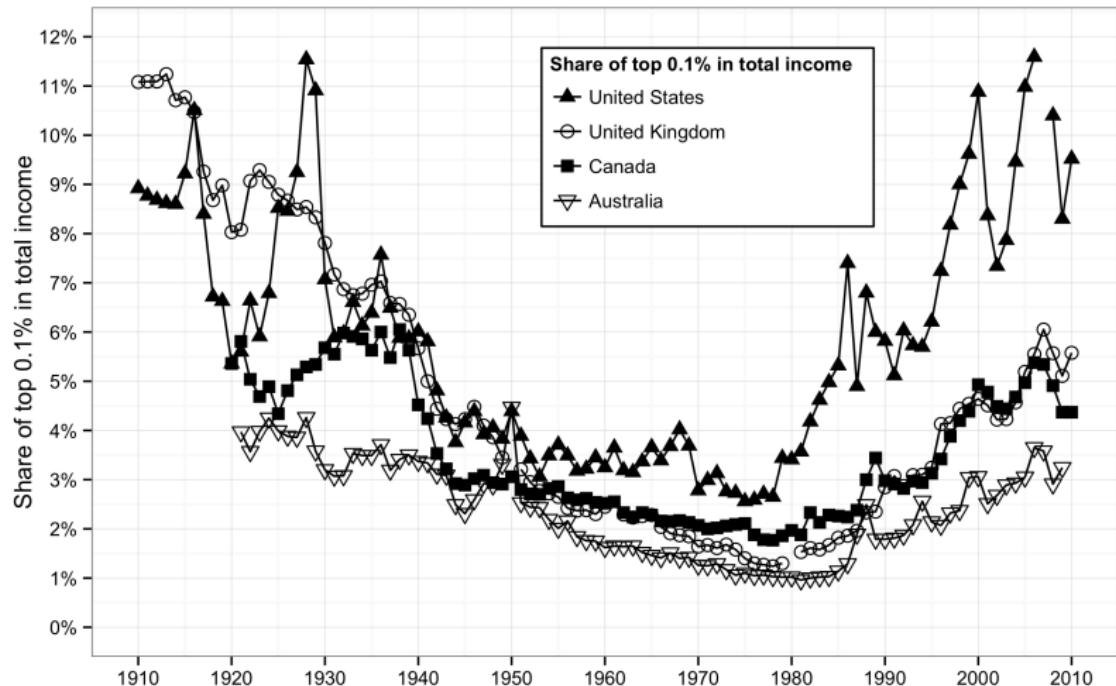
As compared to Anglo-Saxon countries, the share of top percentile barely increased since the 1970s in Continental Europe and Japan.

Figure 9.4. Income inequality in Northern and Southern Europe, 1910–2010



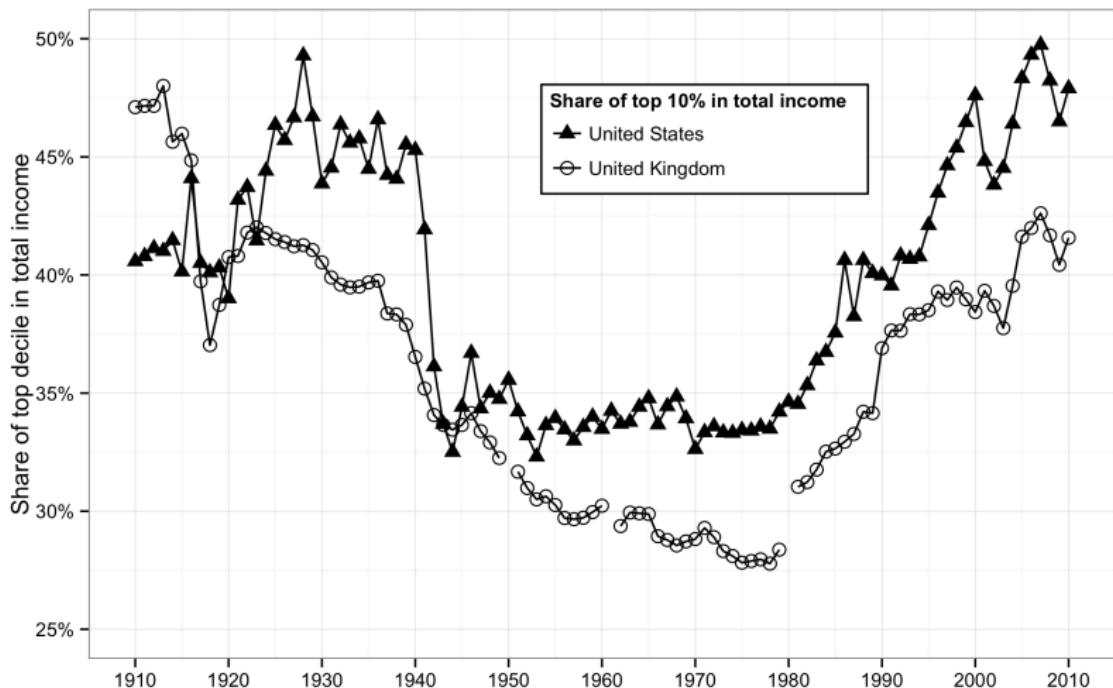
As compared to Anglo-Saxon countries, the top percentile income share barely increased in Northern and Southern Europe since the 1970s.

Figure 9.5. The top 0.1% income share in Anglo-Saxon countries, 1910–2010



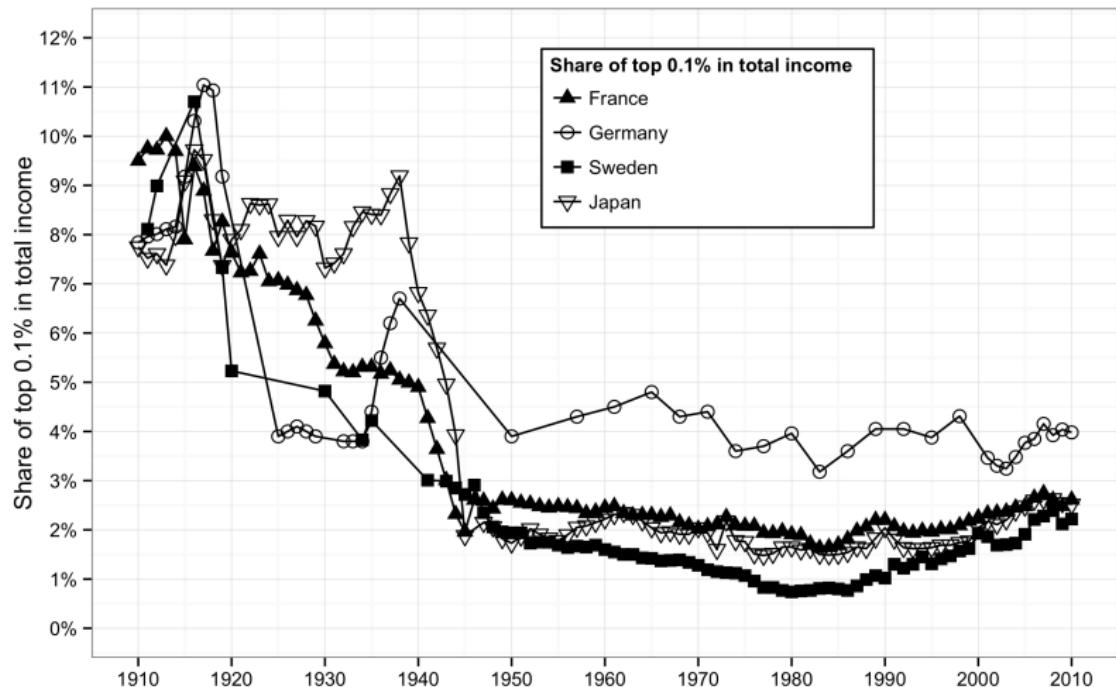
The share of the top 0.1 percent highest incomes in total income rose sharply since the 1970s in all Anglo-Saxon countries, but with varying magnitudes.

Figure 9.5X. The top decile income share in Anglo-Saxon countries, 1910–2010



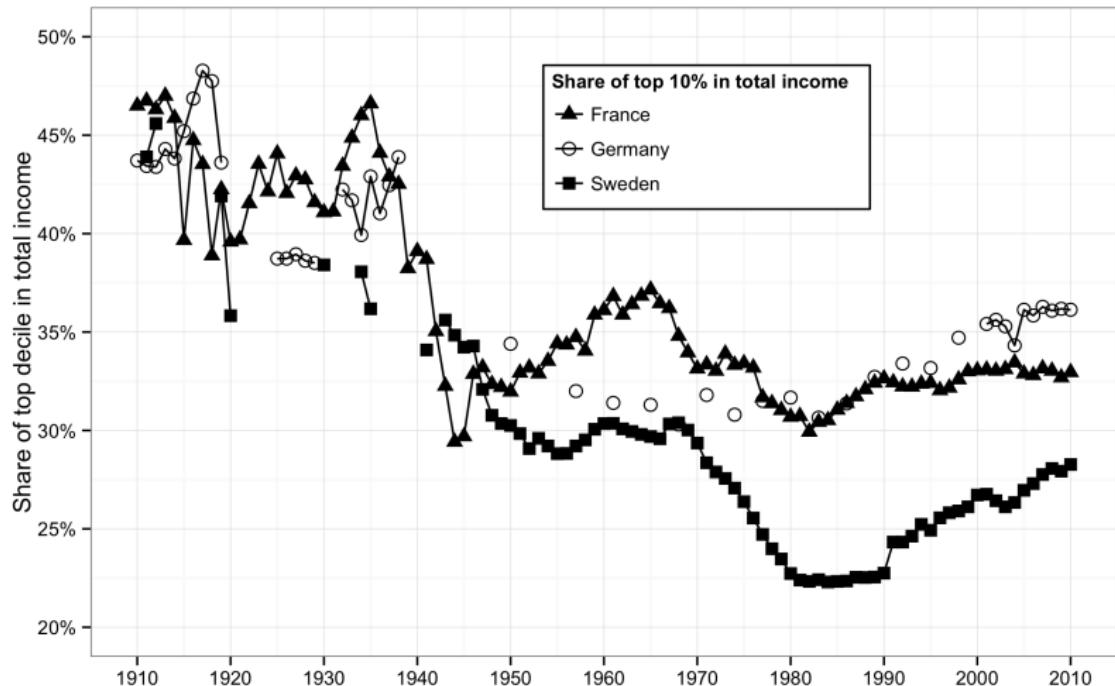
The share of the top decile of highest incomes rose sharply in the 1980s and 1990s in all Anglo-Saxon countries, and in particular in the United States and United Kingdom.

Figure 9.6. The top 0.1% income share in Continental Europe and Japan, 1910–2010



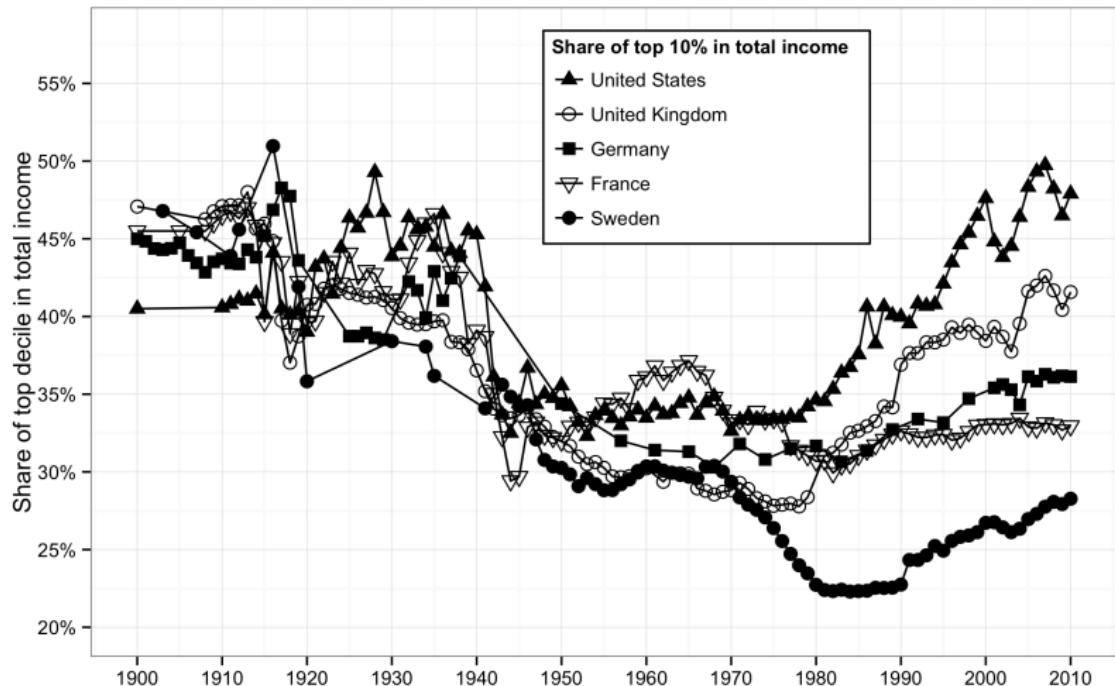
As compared to Anglo-Saxon countries, the top 0.1 percent income share barely increased in Continental Europe and Japan.

Figure 9.6X. The top decile income share in Continental Europe and Japan, 1910–2010



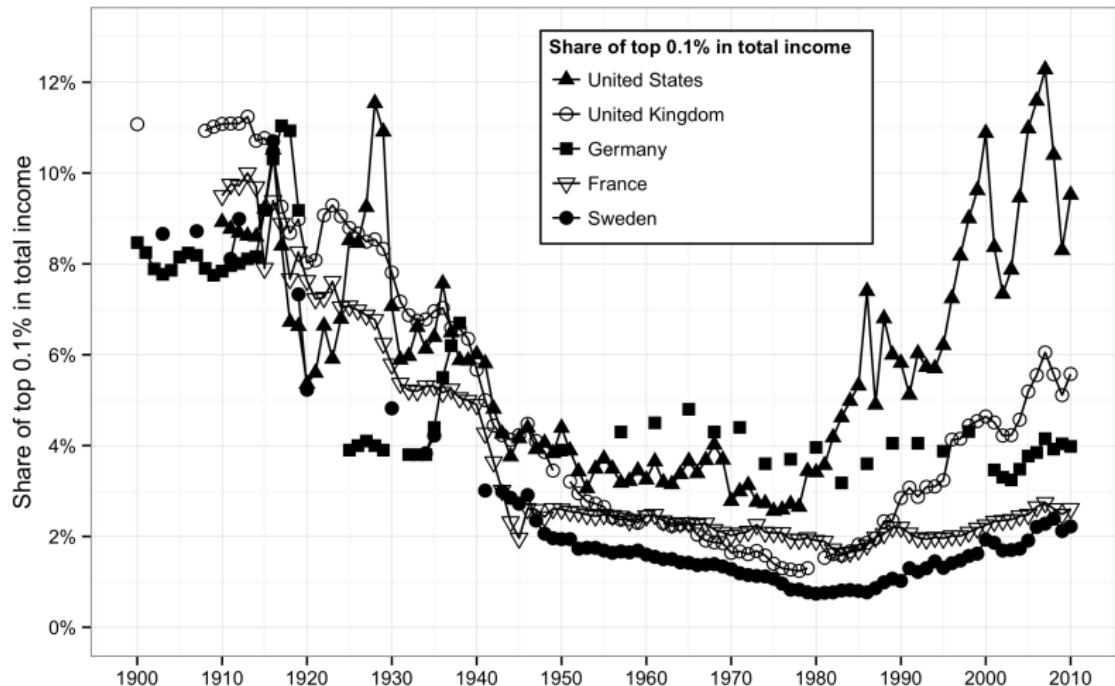
As compared to Anglo-Saxon countries, the top 10 percent income share has barely increased in Continental Europe.

Figure 9.7. The top decile income share in Europe and the United States, 1900–2010



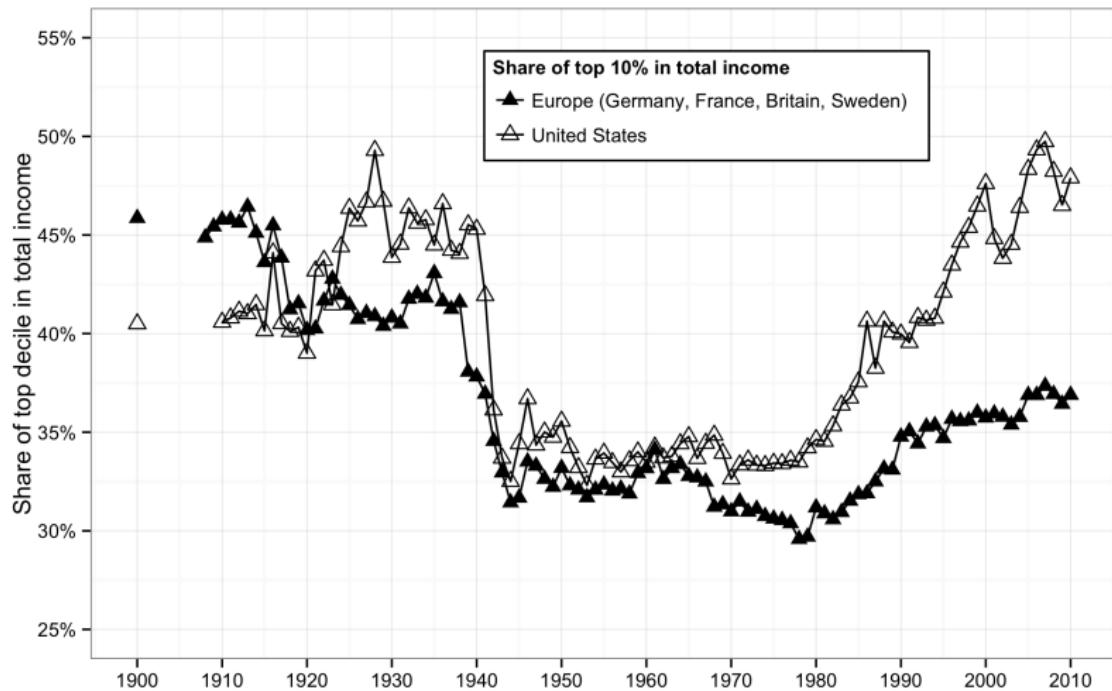
In the 1950s–1970s, the top decile income share was about 30–35 percent of total income in Europe as in the United States.

Figure 9.7X. The top 0.1% income share in Europe and the United States, 1900–2010



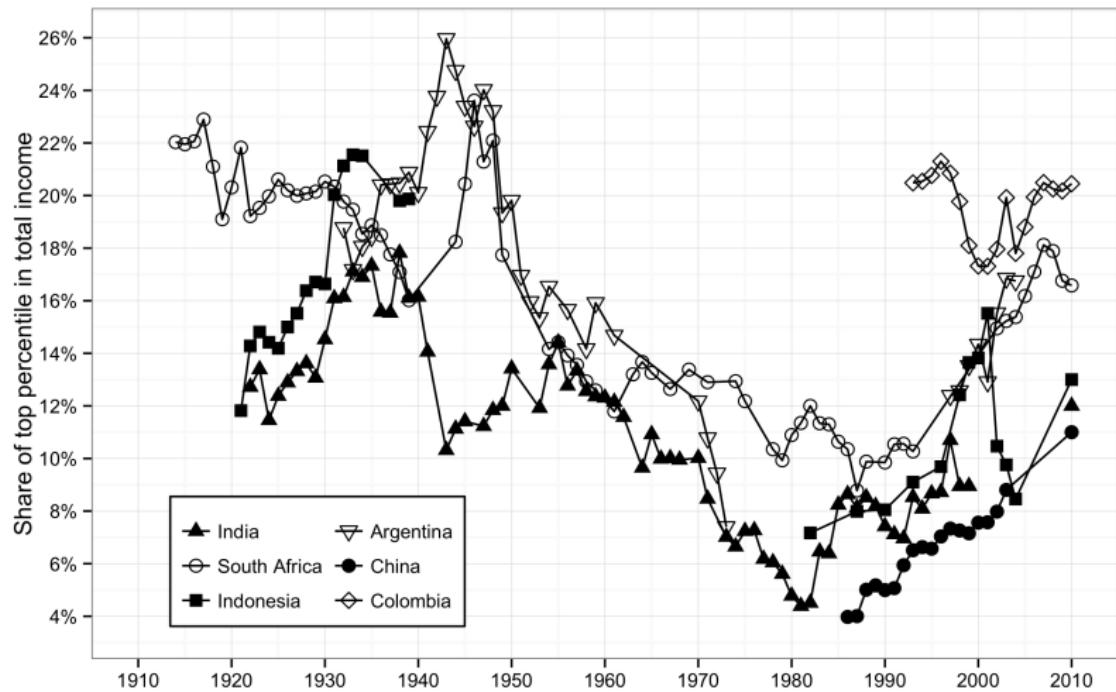
In the 1950s the top 0.1% income share was about 2–4% percent of total income in Europe and in the United States.

Figure 9.8: Income inequality: Europe vs. United States, 1900–2010



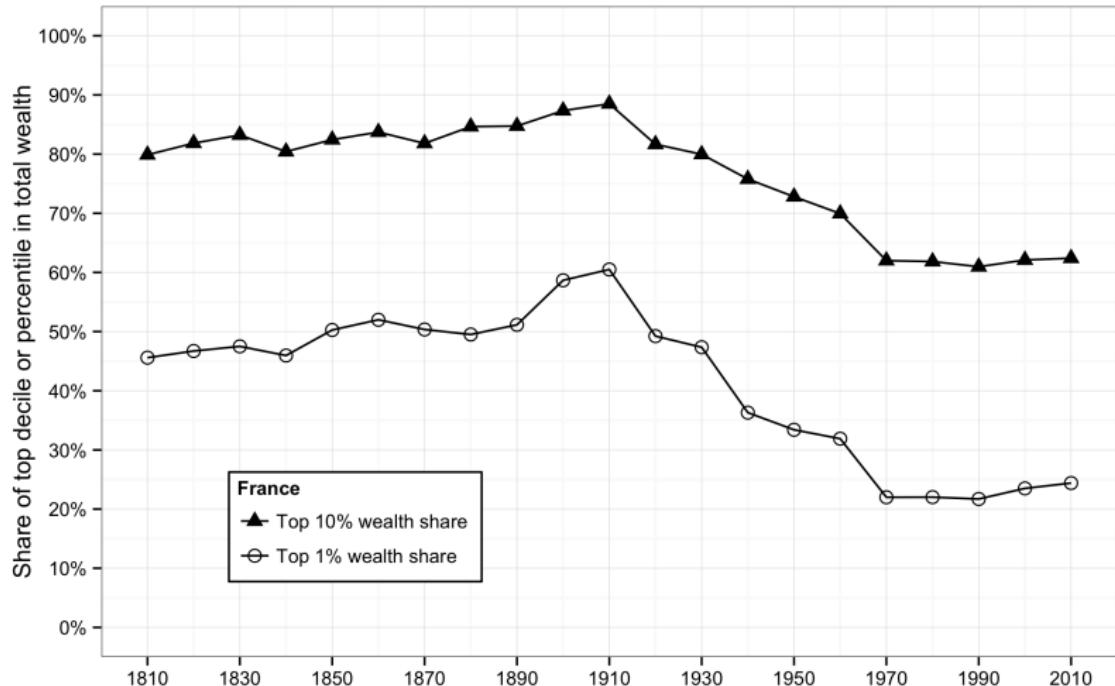
The top decile income share was higher in Europe than in the U.S. in 1900–2010. It is much higher in the U.S. in 2000–2010.

Figure 9.9. Income inequality in emerging countries, 1910–2010



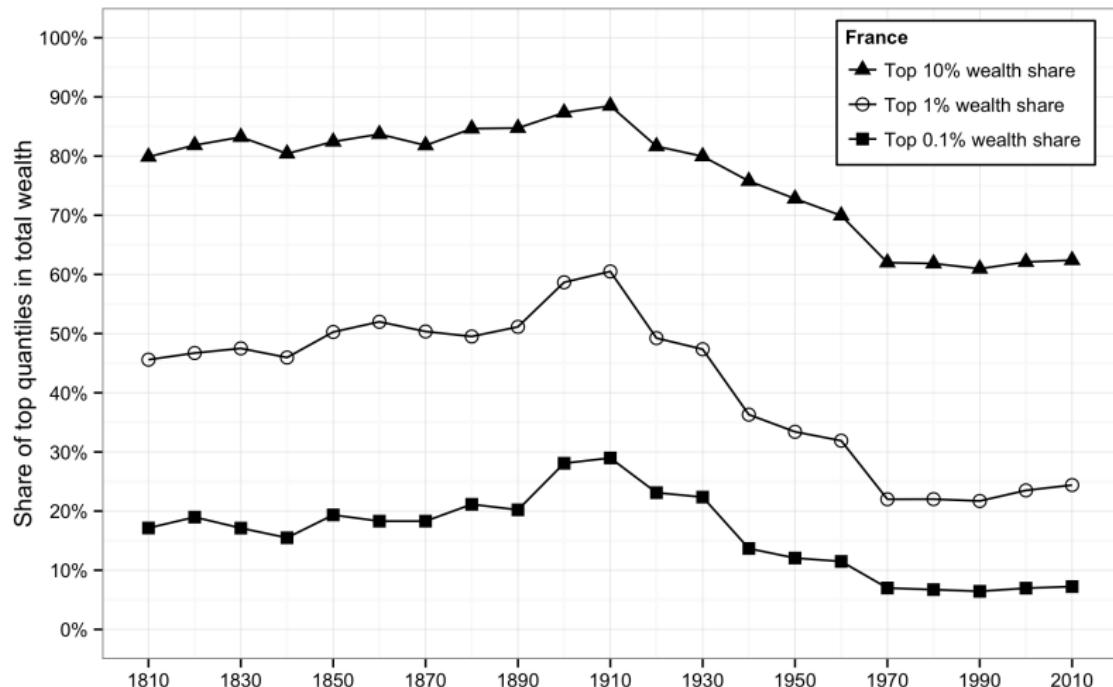
Measured by the top percentile income share, income inequality rose in emerging countries since the 1980s, but ranks below the US level in 2000–2010.

Figure 10.1. Wealth inequality in France, 1810–2010



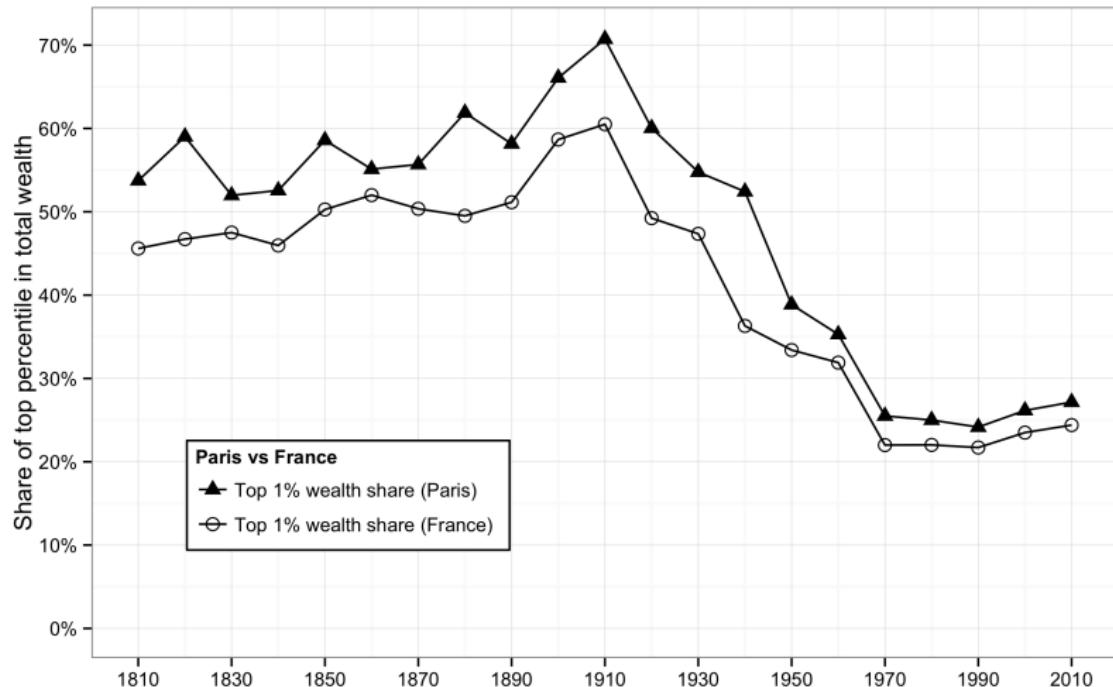
The top decile (the top 10 percent highest wealth holders) owns 80–90 percent of total wealth in 1810–1910, and 60–65 percent today.

Figure 10.1S. Wealth inequality in France, 1810–2010



The top decile (the top 10 percent highest wealth holders) owns 80–90 percent of total wealth in 1810–1910, and 60–65 percent today.

Figure 10.2. Wealth inequality in Paris versus France, 1810–2010



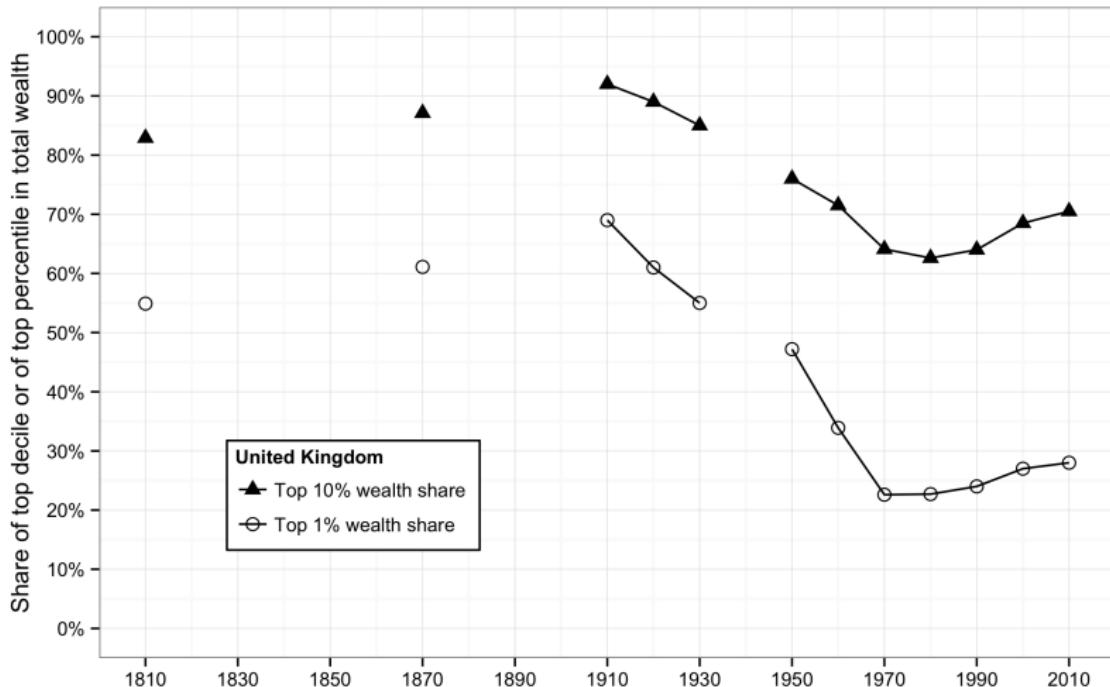
The top percentile (the top 1 percent wealth holders) owns 70 percent of aggregate wealth in Paris on the eve of World War I.

Figure 10.3. Wealth inequality in Britain, 1810–2010



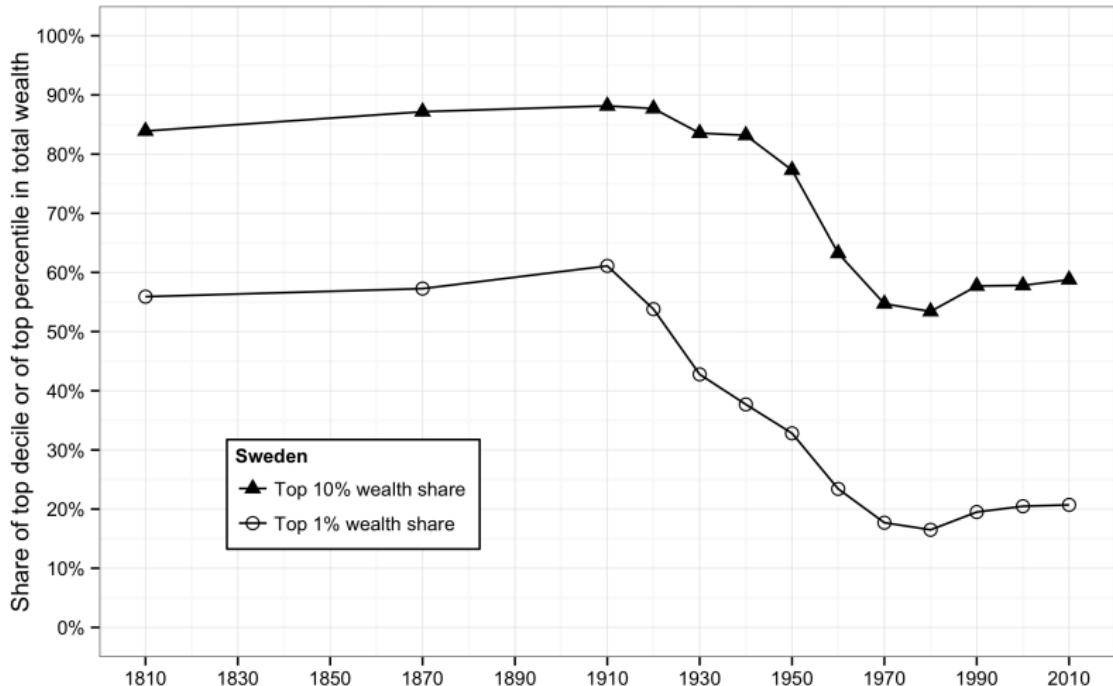
The top decile owns 80–90 percent of total wealth in 1810–1910, and 70 percent today.

Figure 10.3S. Wealth inequality in the United Kingdom, 1810–2010



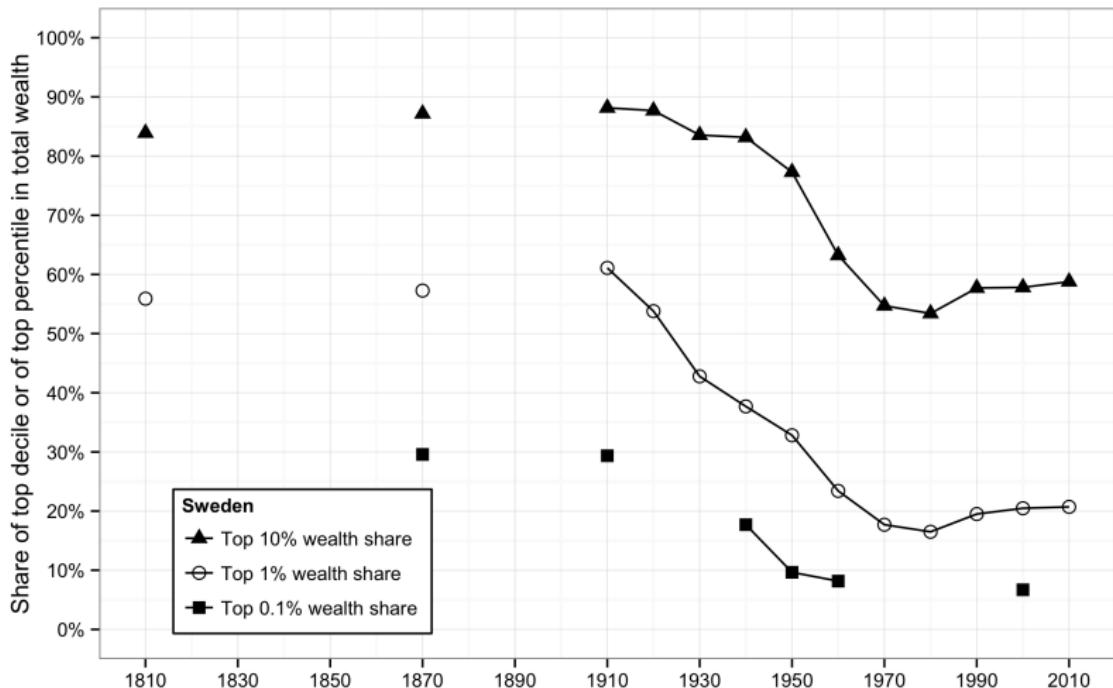
The top decile owns 80–90 percent of total wealth in 1810–1910, and 70 percent today.

Figure 10.4. Wealth inequality in Sweden, 1810–2010



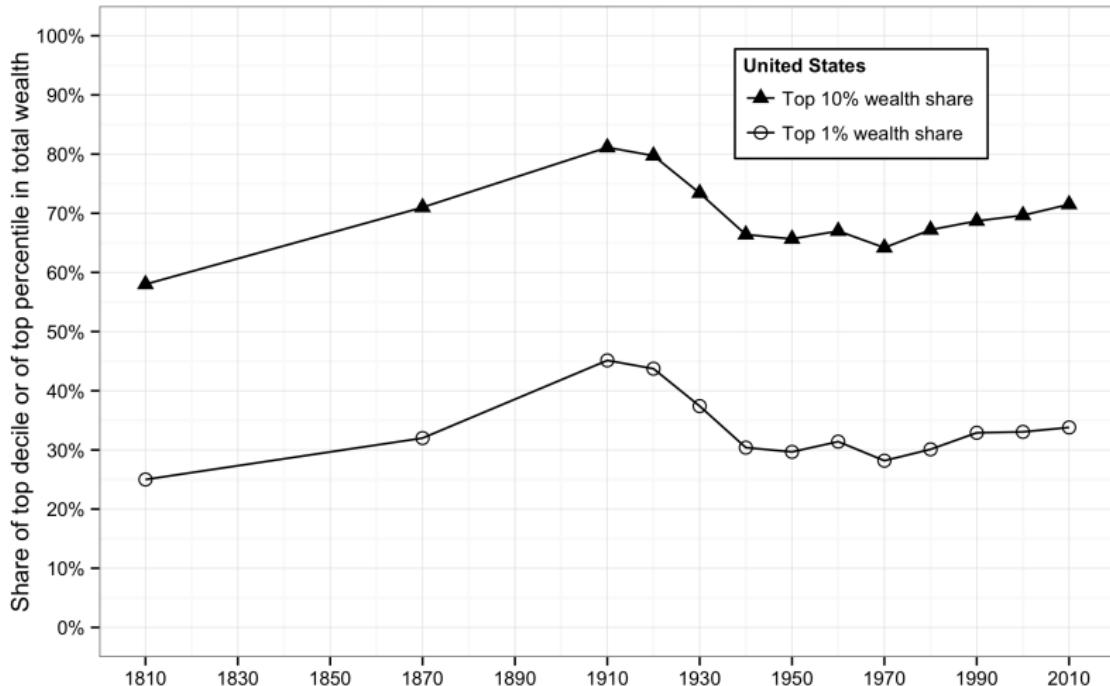
The top 10 percent holds 80–90 percent of total wealth in 1810–1910 and 55–60 percent today.

Figure 10.4S. Wealth inequality in Sweden, 1810–2010



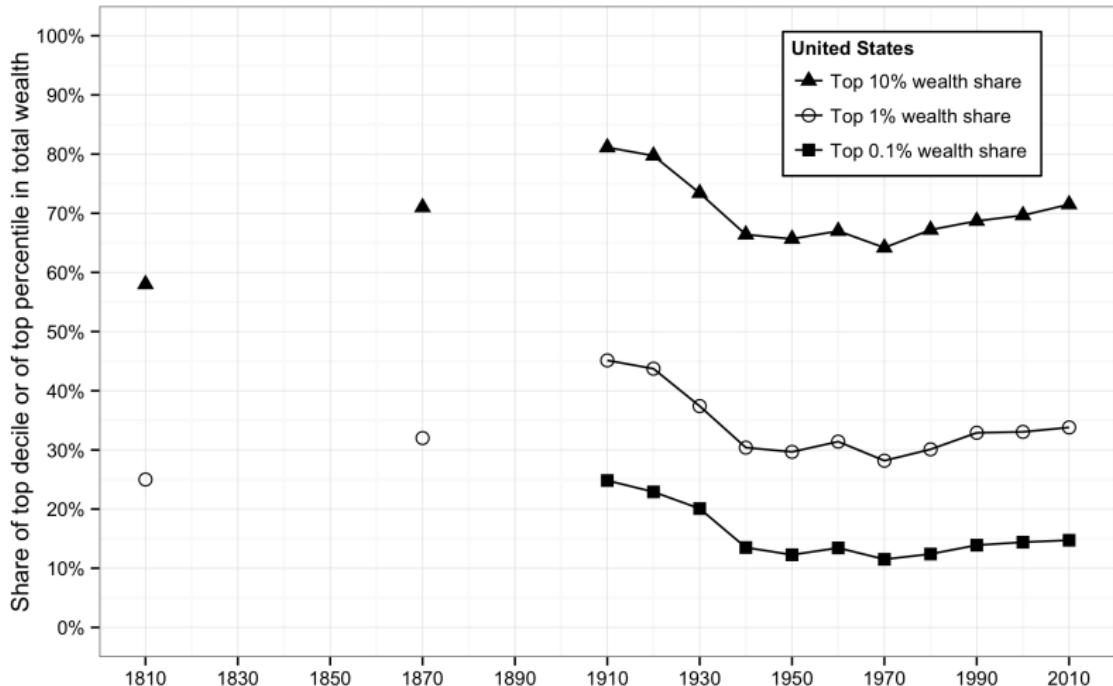
The top 10 percent holds 80–90 percent of total wealth in 1810–1910 and 55–60 percent today.

Figure 10.5. Wealth inequality in the United States, 1810–2010



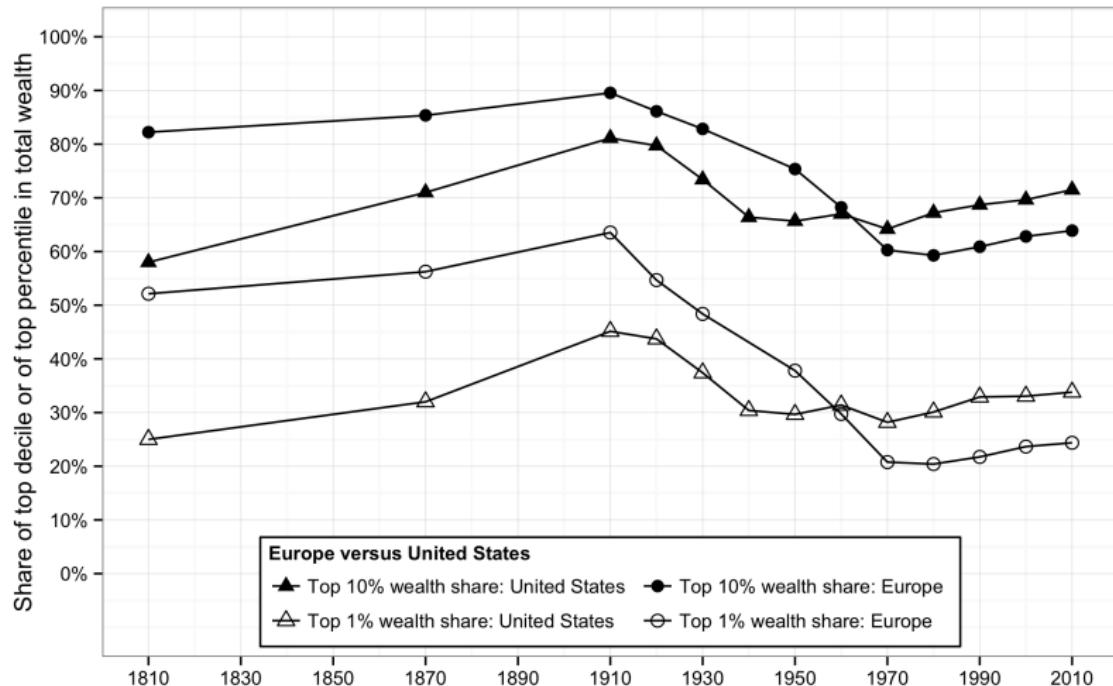
The top 10 percent wealth holders own about 80 percent of total wealth in 1910 and 75 percent today.

Figure 10.5S. Wealth inequality in the United States, 1810–2010



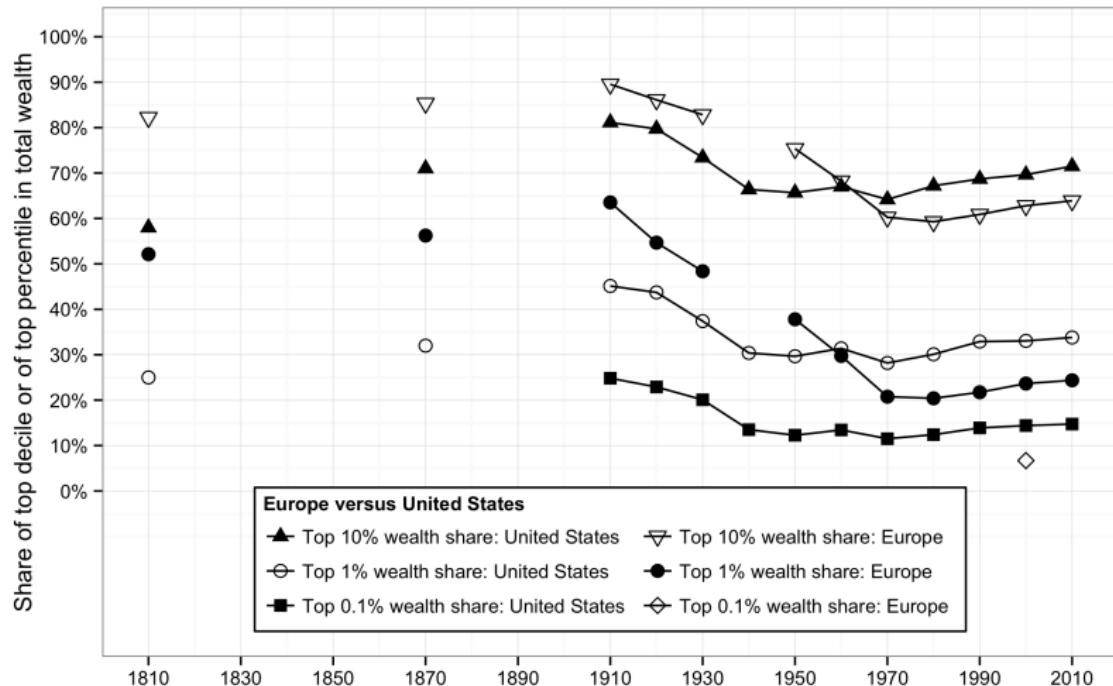
The top 10 percent wealth holders own about 80 percent of total wealth in 1910 and 75 percent today.

Figure 10.6. Wealth inequality in Europe versus the United States, 1810–2010



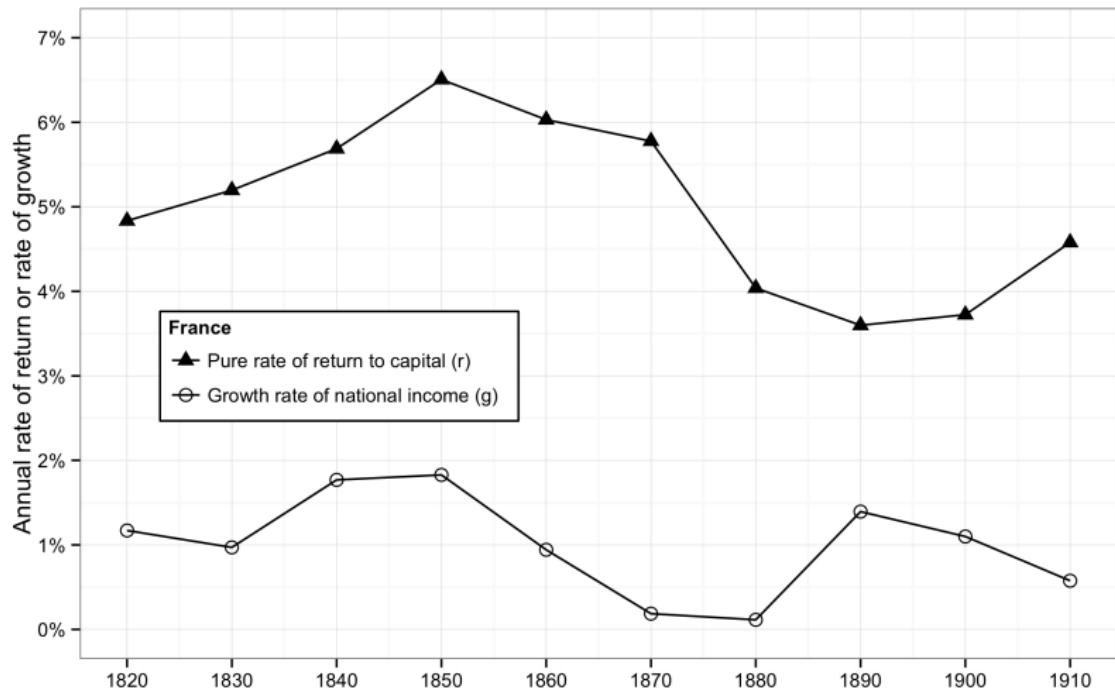
Until the mid-twentieth century, wealth inequality was higher in Europe than in the United States.

Figure 10.6S. Wealth inequality in Europe versus the United States, 1810–2010



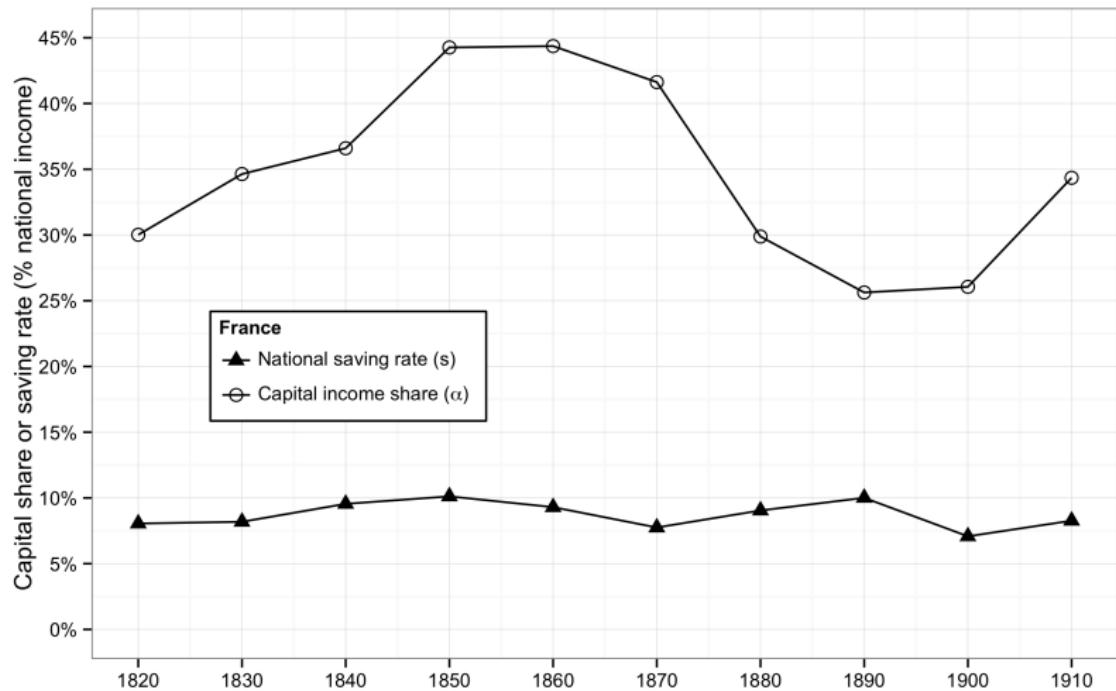
Until the mid-twentieth century, wealth inequality was higher in Europe than in the United States.

Figure 10.7. Return to capital and growth: France, 1820–1913



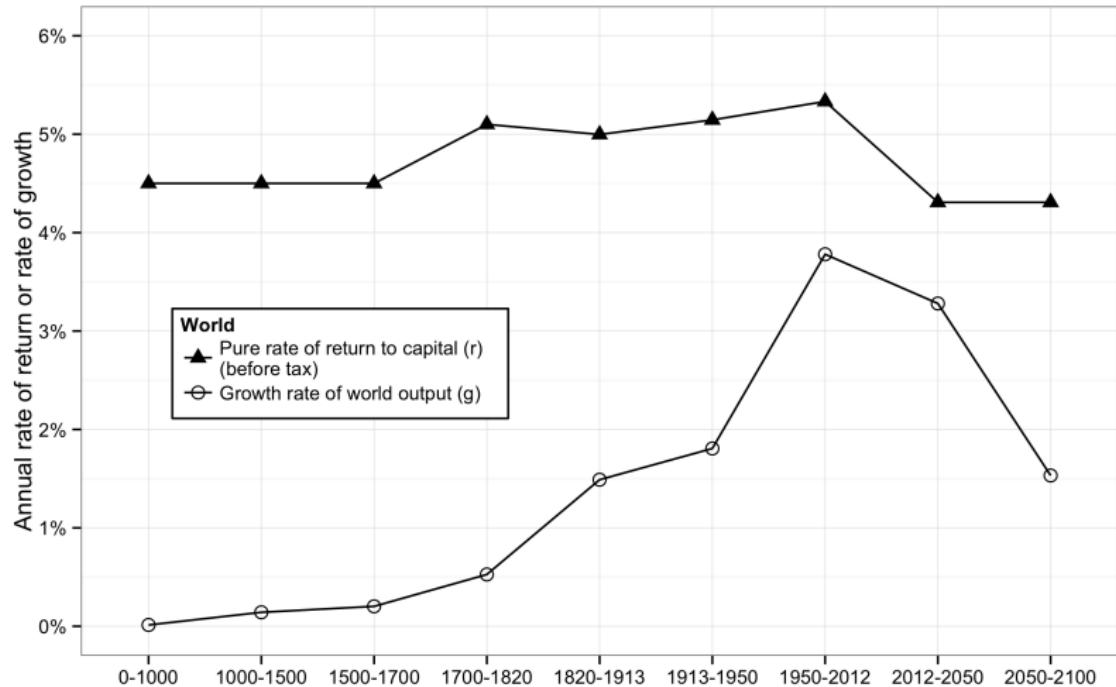
The rate of return on capital is a lot higher than the growth rate in France between 1820 and 1913.

Figure 10.8. Capital share and saving rate: France, 1820–1913



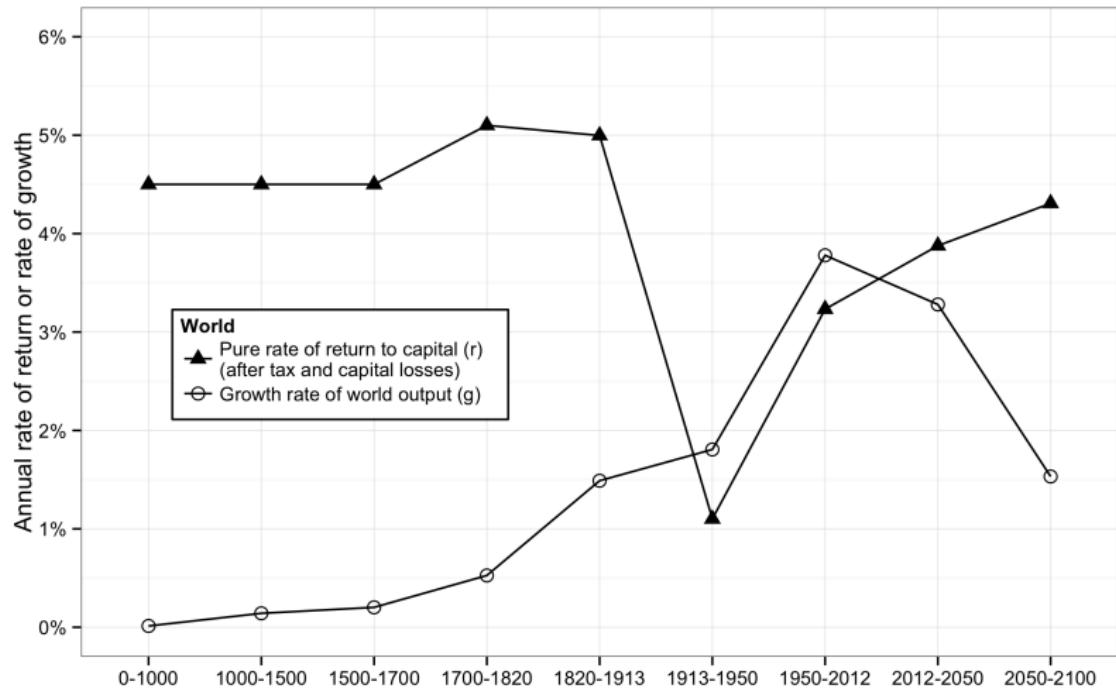
The share of capital income in national income is much larger than the saving rate in France between 1820 and 1913.

Figure 10.9. Rate of return versus growth rate at the world level, from Antiquity until 2100



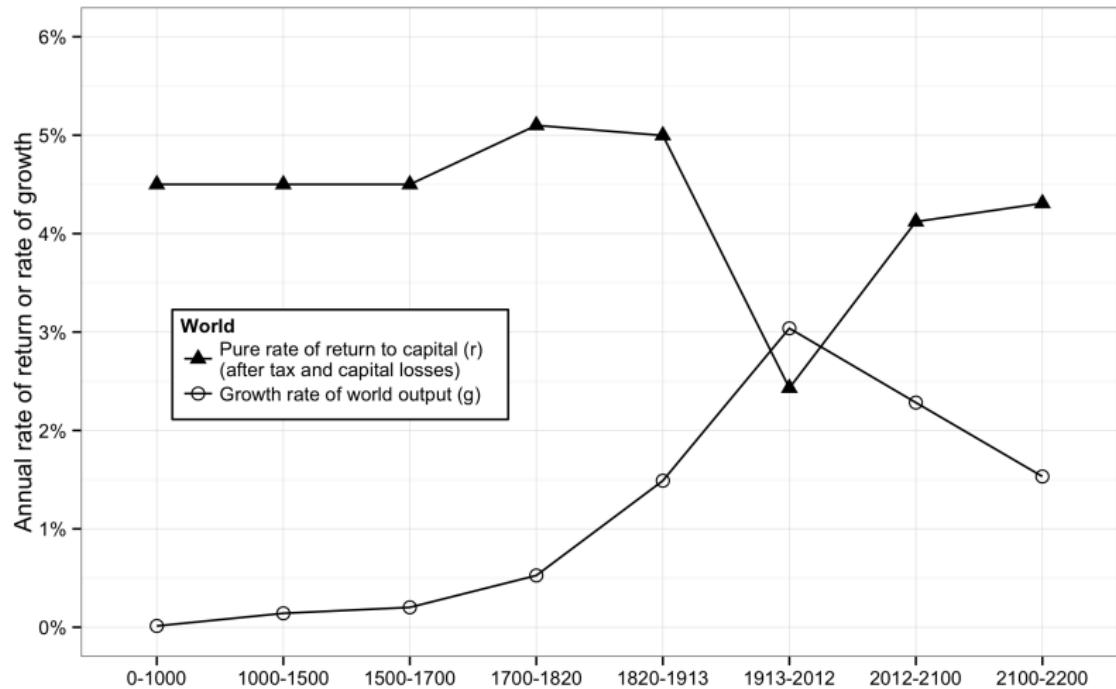
The rate of return to capital (pretax) has always been higher than the world growth rate, but the gap was reduced during the twentieth century, and might widen again in the twenty-first century.

Figure 10.10. After tax rate of return versus growth rate at the world level, from Antiquity until 2100



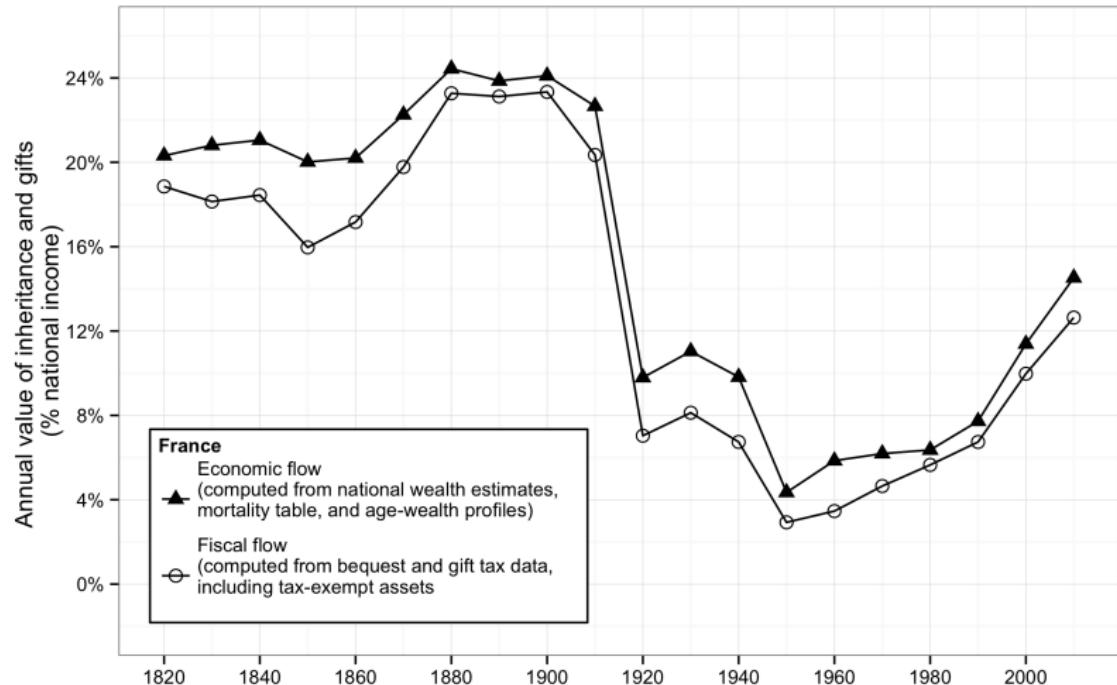
The rate of return to capital (after tax and capital losses) fell below the growth rate during the twentieth century, and may again surpass it in the twenty-first century.

Figure 10.11. After tax rate of return versus growth rate at the world level, from Antiquity until 2200



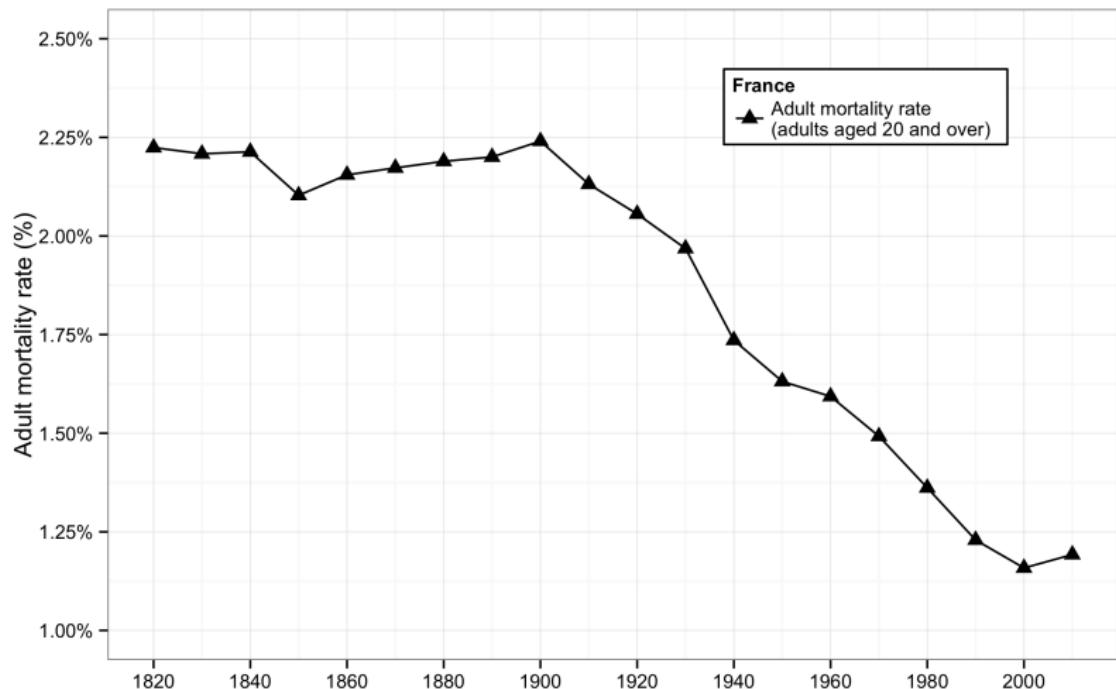
The rate of return to capital (after tax and capital losses) fell below the growth rate during the twentieth century, and might again surpass it in the twenty-first century.

Figure 11.1. The annual inheritance flow as a fraction of national income, France, 1820–2010



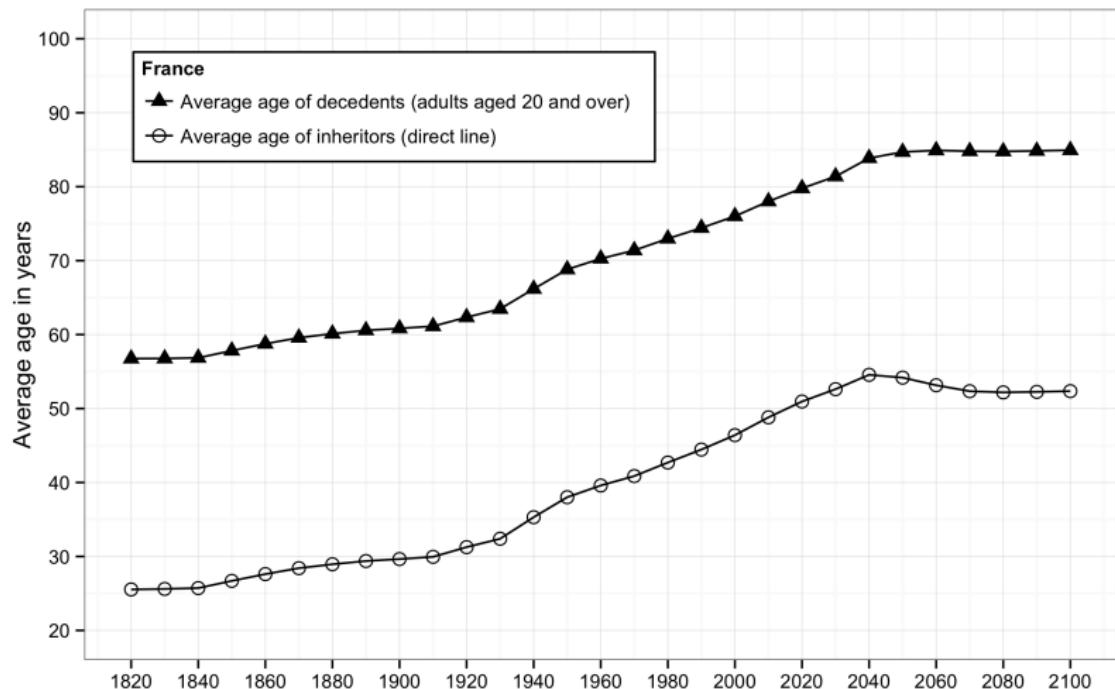
The annual inheritance flow was about 20–25 percent of national income during the nineteenth century and until 1914; it then fell to less than 5 percent in the 1950s, and returned to about 15 percent in 2010.

Figure 11.2. The mortality rate in France, 1820–2100



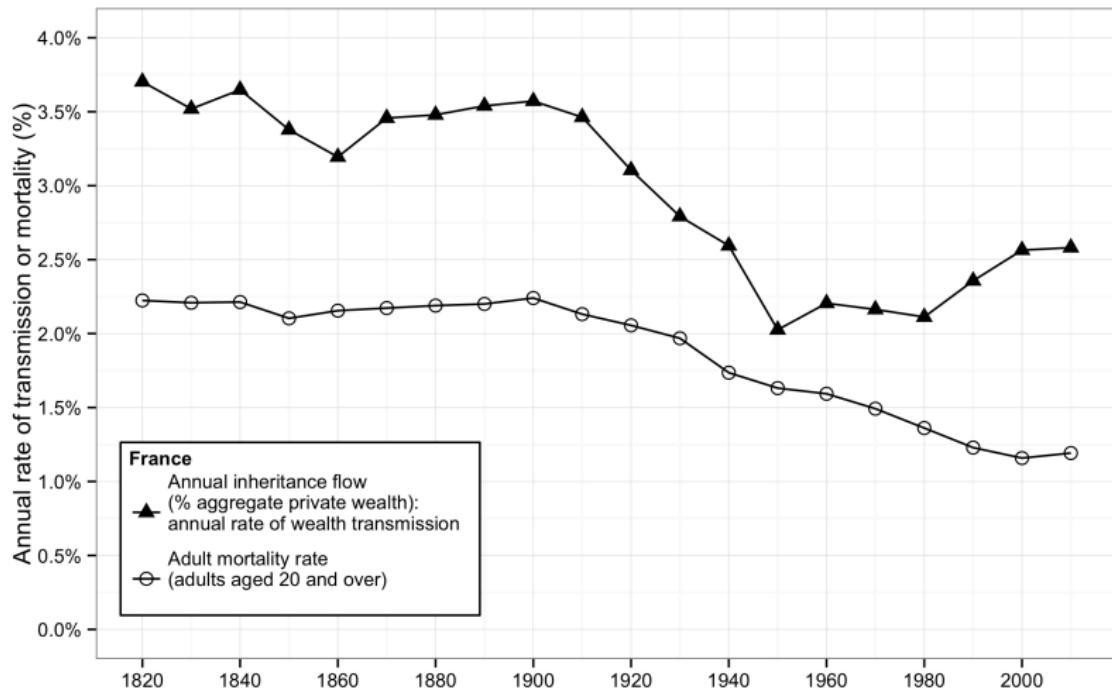
The mortality rate fell in France during the twentieth century (rise of life expectancy), and should increase somewhat during the twenty-first century (baby-boom effect).

Figure 11.3. Average age of decedents and inheritors: France, 1820–2100



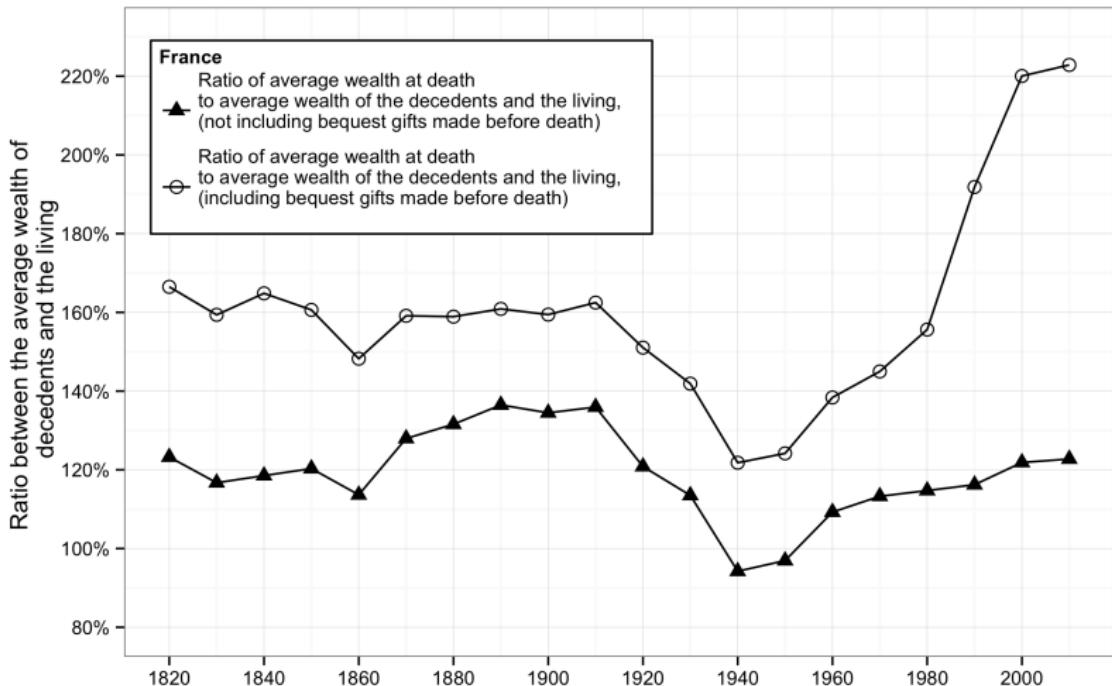
The average of (adult) decedents rose from less than 60 years to almost 80 years during the twentieth century, and the average age at the time of inheritance rose from 30 years to 50 years.

Figure 11.4. Inheritance flow versus mortality rate: France, 1820–2010



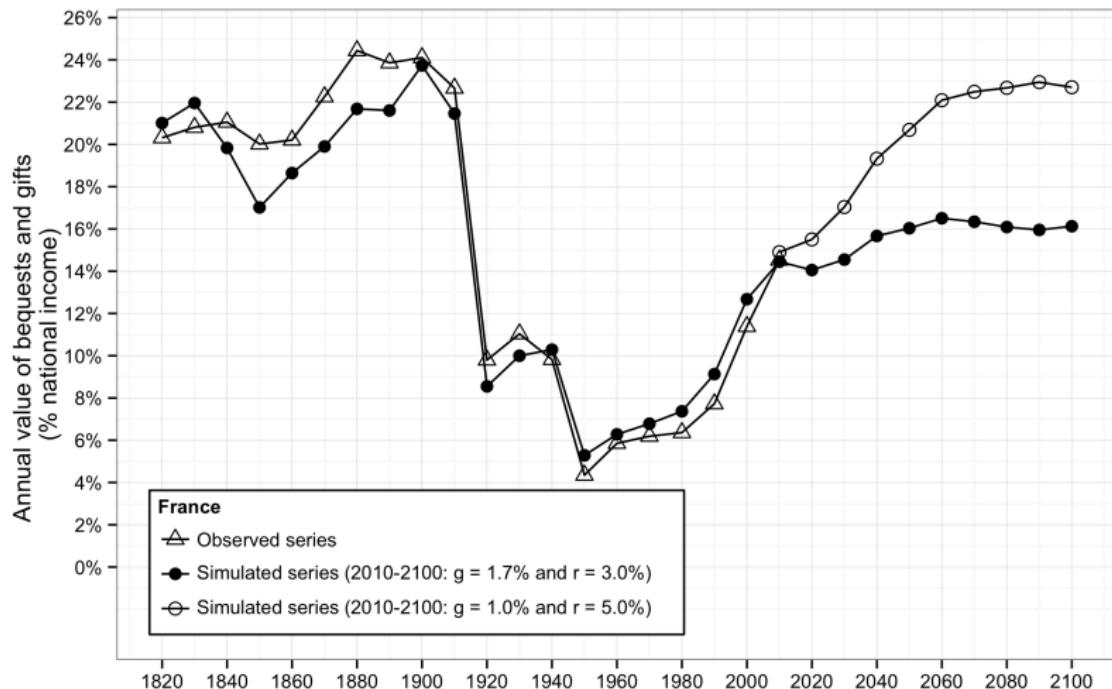
The annual flow of inheritance (bequests and gifts) is equal to about 2.5 percent of aggregate wealth in 2000–2010 versus 1.2 percent for the mortality rate.

Figure 11.5. The ratio between average wealth at death and average wealth of the living: France, 1820–2010



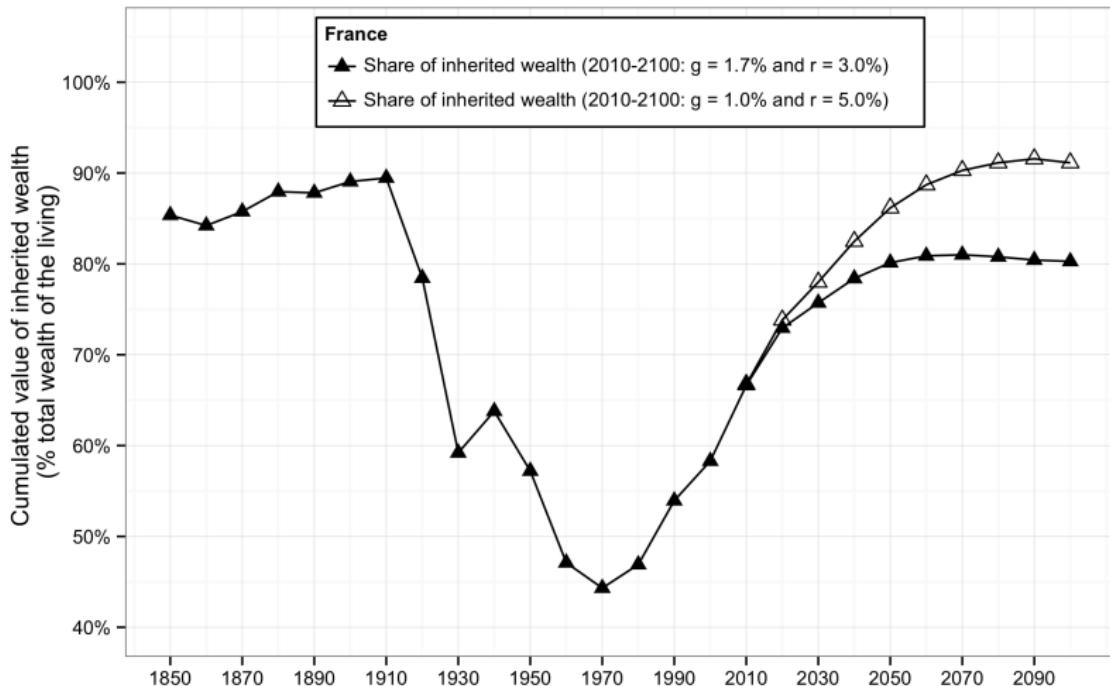
In 2000–2010, the average wealth at death is 20 percent higher than that of the living if one omits the gifts that were made before death, but more than twice as large if one re-integrates gifts.

Figure 11.6. Observed and simulated inheritance flow: France, 1820–2100



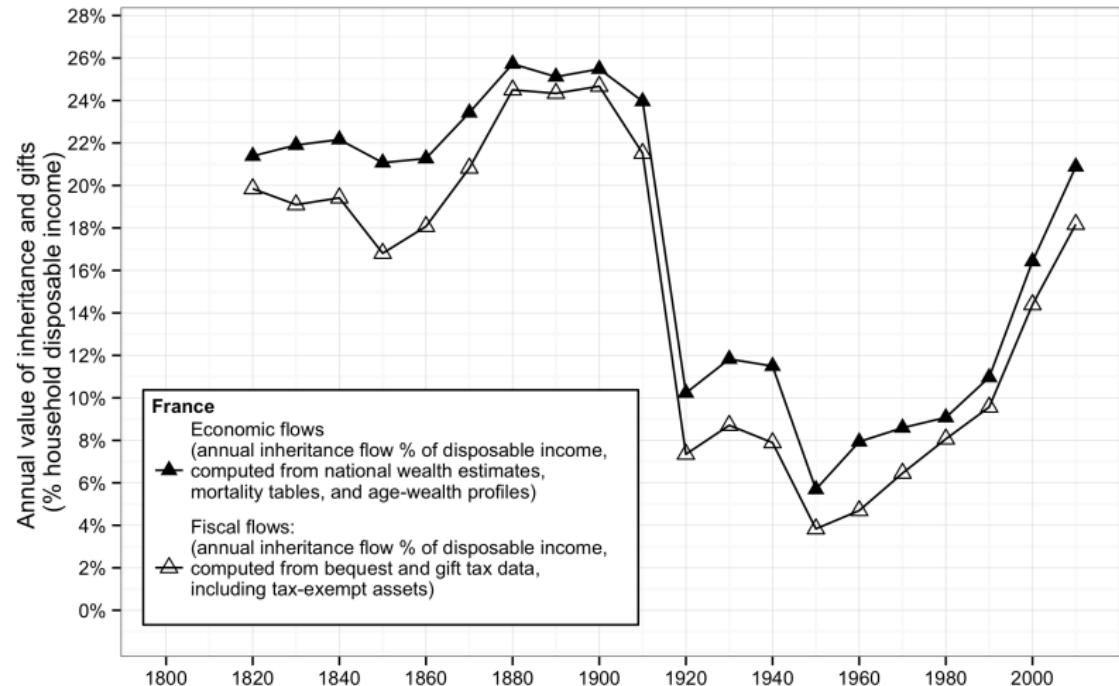
Simulations based upon the theoretical model indicate that the level of the inheritance flow in the twenty-first century will depend upon the growth rate and the net rate of return to capital.

Figure 11.7. The share of inherited wealth in total wealth: France, 1850–2100



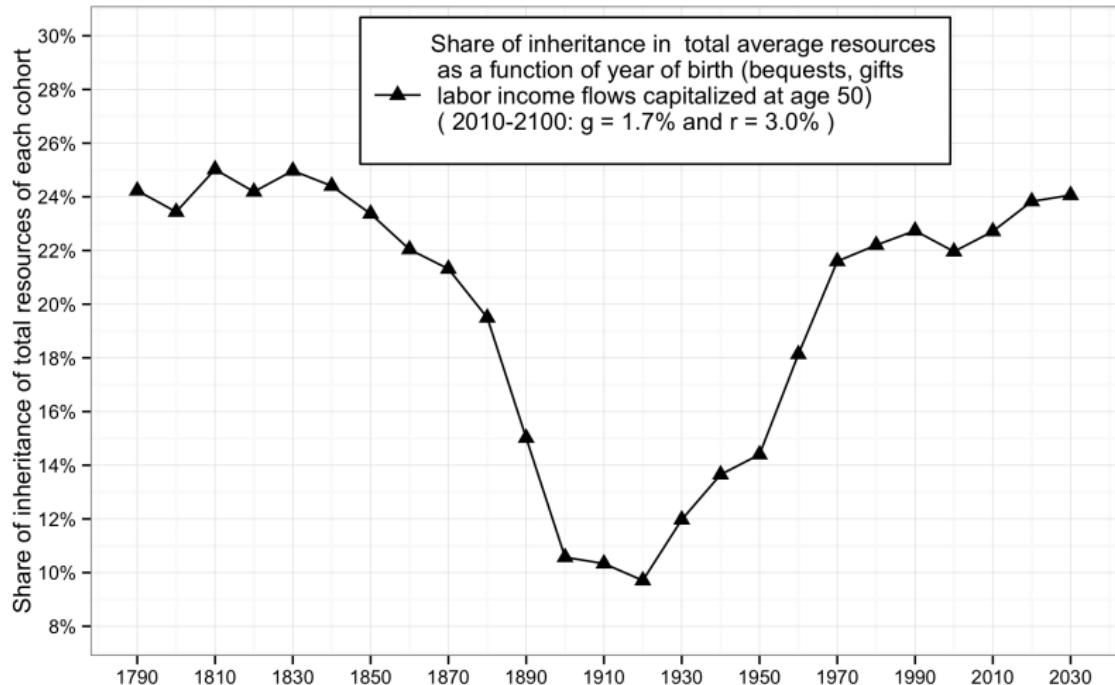
Inherited wealth represents 80–90 percent of total wealth in France in the nineteenth century; this share fell to 40–50 percent during the twentieth century, and might re- turn to 80–90 percent during the twenty-first century.

Figure 11.8. The annual inheritance flow as a fraction of household disposable income: France, 1820–2010



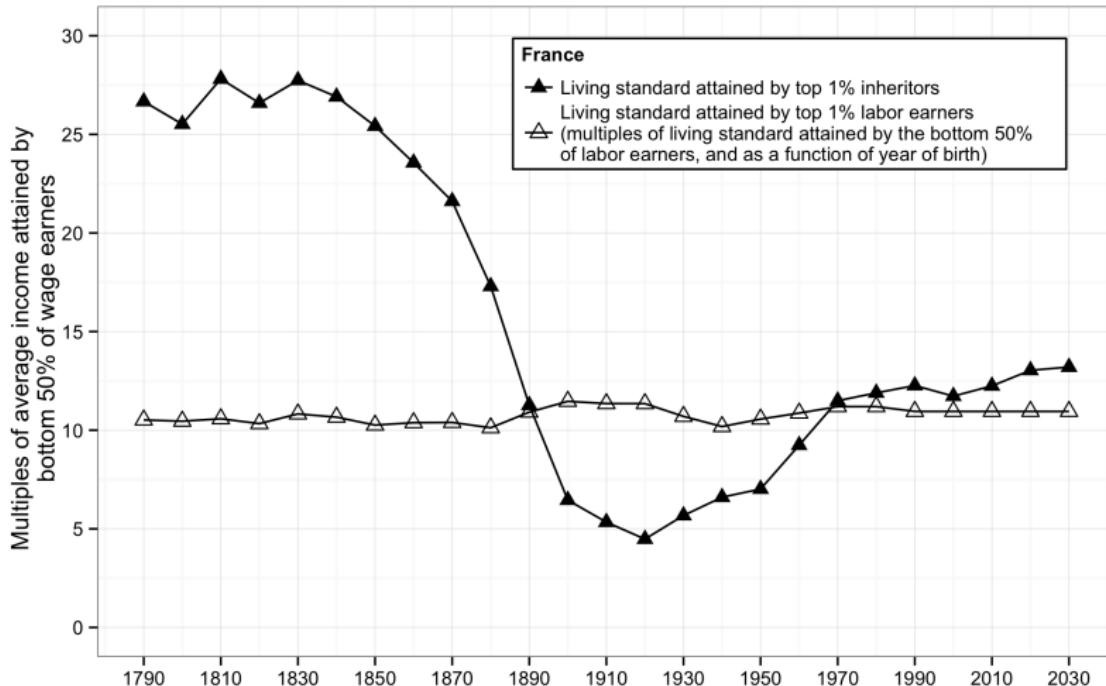
Expressed as a fraction of household disposable income (rather than national income), the annual inheritance flow is about 20 percent in 2010, in other words, close to its nineteenth-century level.

Figure 11.9. The share of inheritance in the total resources (inheritance and work) of cohorts born in 1790–2030



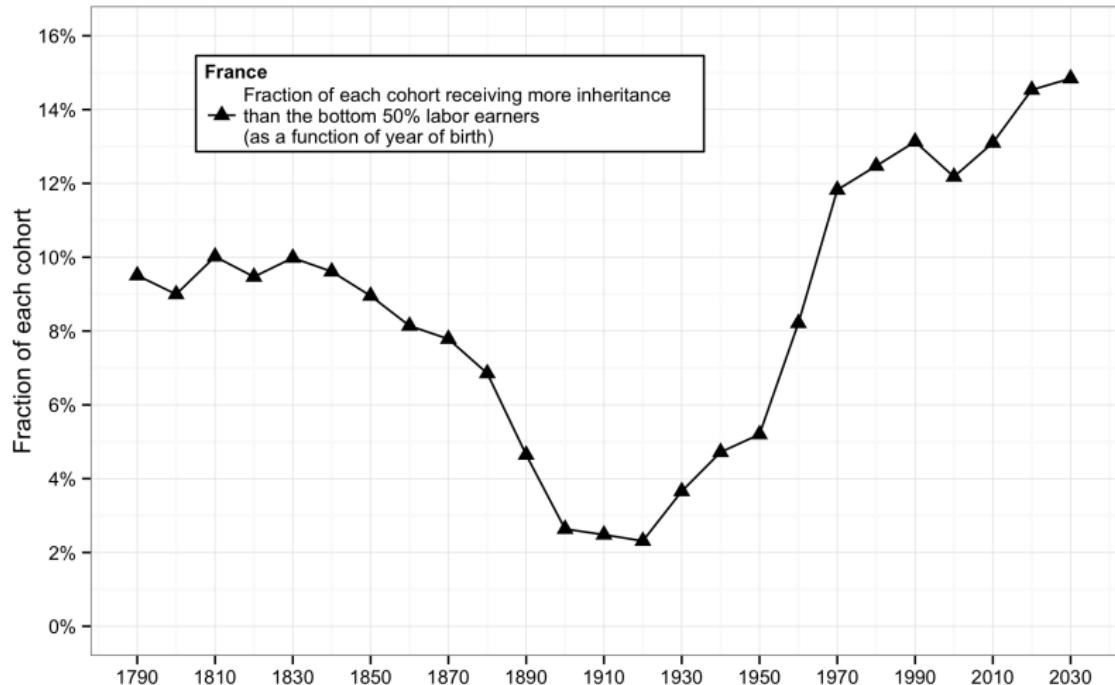
Inheritance made about 25 percent of the resources of nineteenth-century cohorts, down to less than 10 percent for cohorts born in 1910–1920 (who should have inherited in 1950–1960).

Figure 11.10. The dilemma of Rastignac for cohorts born in 1790–2030



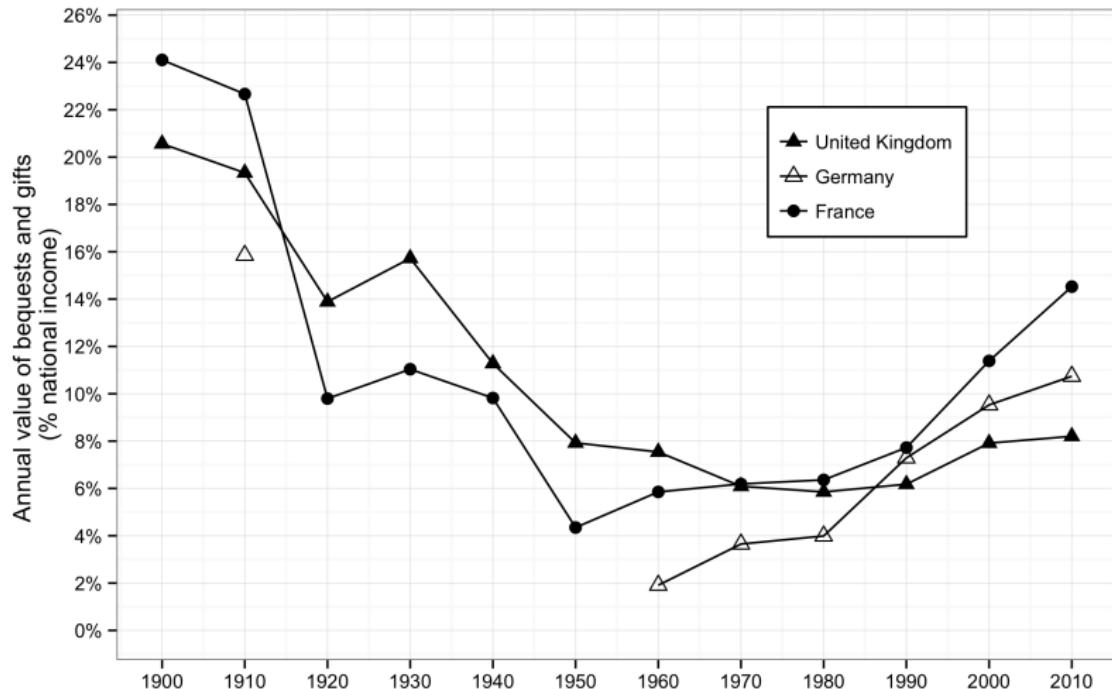
In the nineteenth century, the living standards that could be attained by the top 1 percent inheritors were a lot higher than those that could be attained by the top 1 percent labor earners.

Figure 11.11. Which fraction of a cohort receives in inheritance the equivalent of a lifetime labor income?



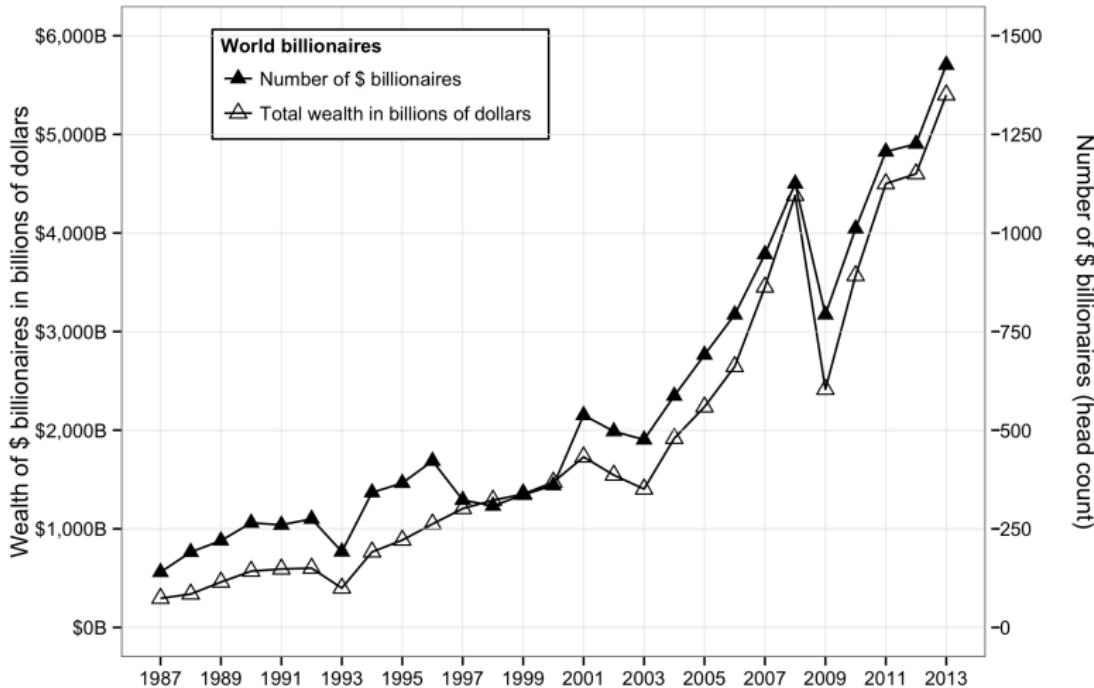
Within the cohorts born around 1970–1980, 12–14 percent of individuals receive in inheritance the equivalent of the lifetime labor income received by the bottom 50 percent less well paid workers.

Figure 11.12. The inheritance flow in Europe, 1900–2010



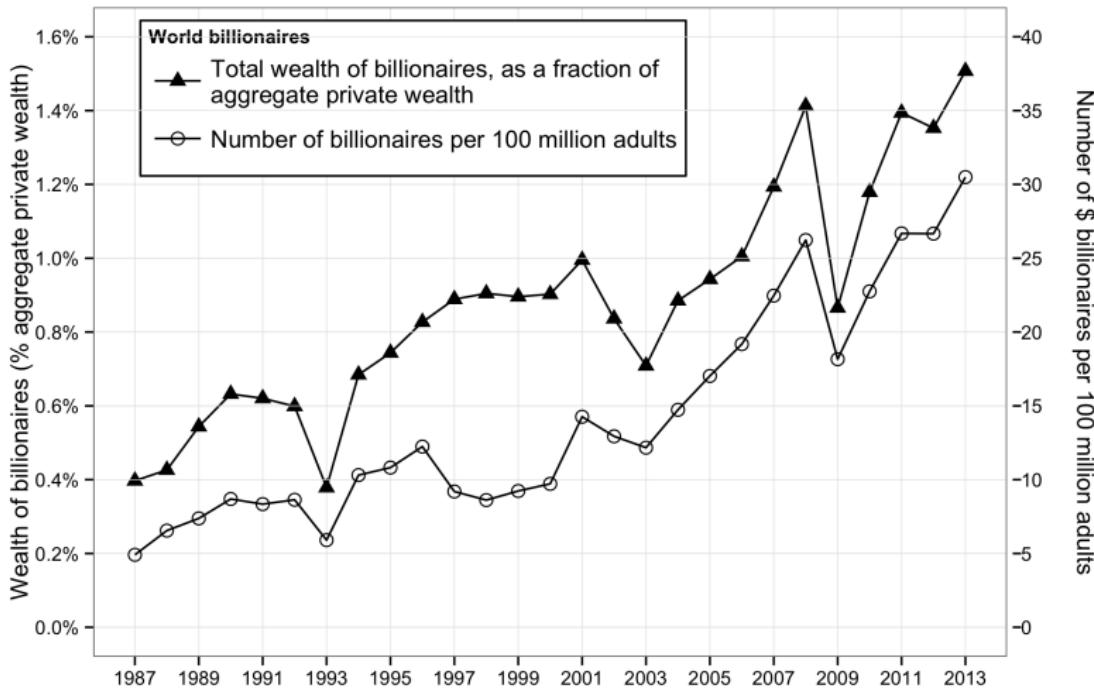
The inheritance flow follows a U-shape in curve in France as well as in the United Kingdom and Germany. It is possible that gifts are underestimated in the United Kingdom at the end of the period.

Figure 12.1. The world's billionaires according to Forbes, 1987–2013



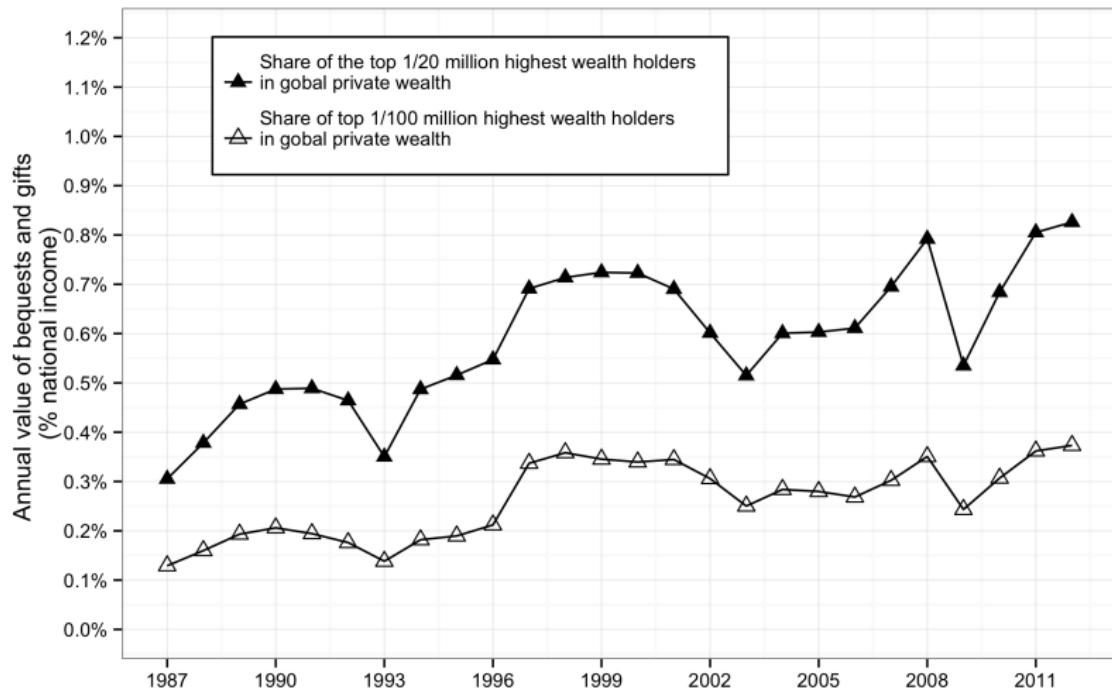
Between 1987 and 2013, according to Forbes, the number of \$ billionaires rose from 140 to 1,400, and their total wealth rose from 300 to 5,400 billion dollars.

Figure 12.2. Billionaires as a fraction of global population and wealth, 1987–2013



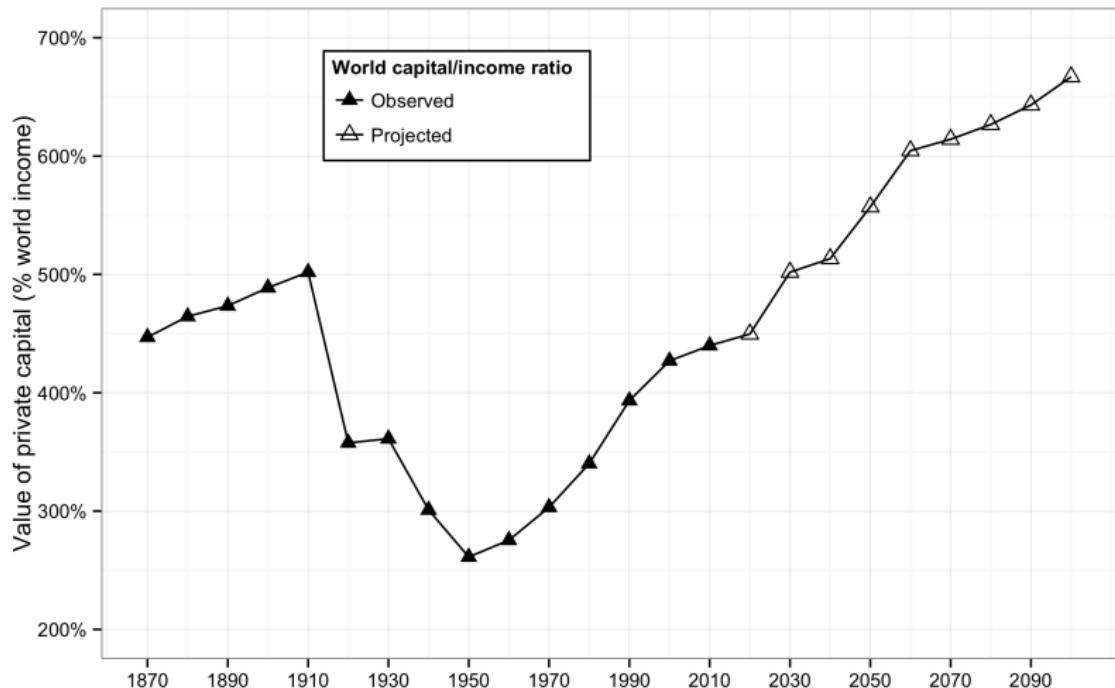
Between 1987 and 2013, the number of billionaires per 100 million adults rose from five to thirty, and their share in aggregate private wealth rose from 0.4 percent to 1.5 percent.

Figure 12.3. The share of top wealth fractiles in world wealth, 1987–2013



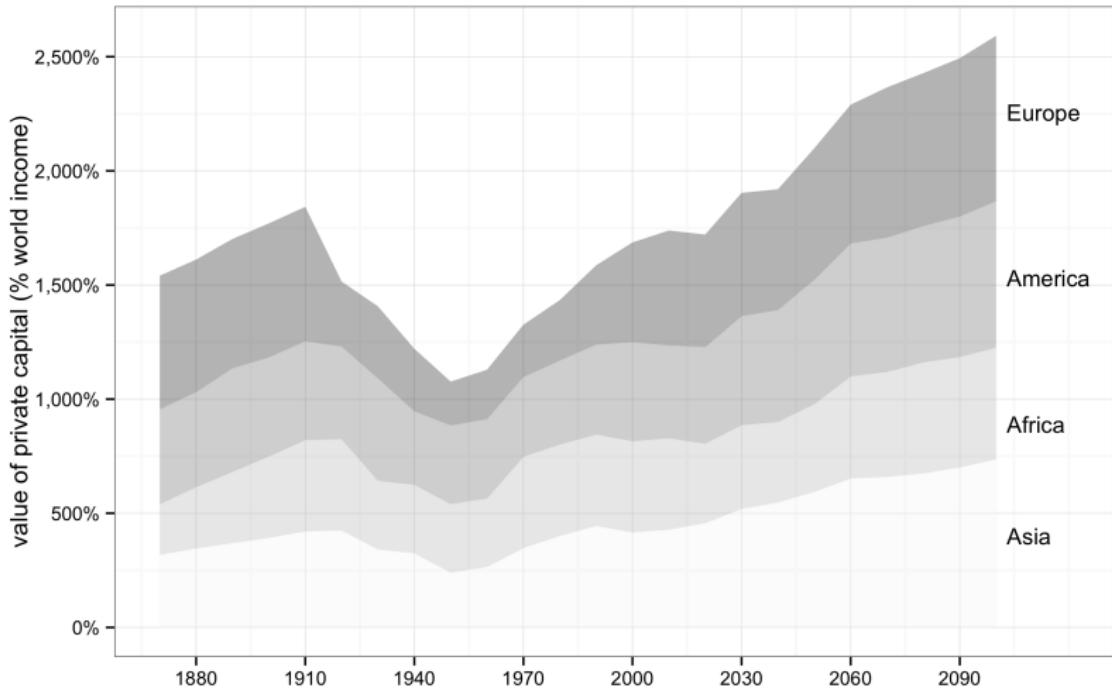
Between 1987 and 2013, the share of the top 1/20 million fractile rose from 0.3 percent to 0.9 percent of world wealth, and the share of the top 1/100 million fractile rose from 0.1 percent to 0.4 percent.

Figure 12.4. The world capital/income ratio, 1870–2100



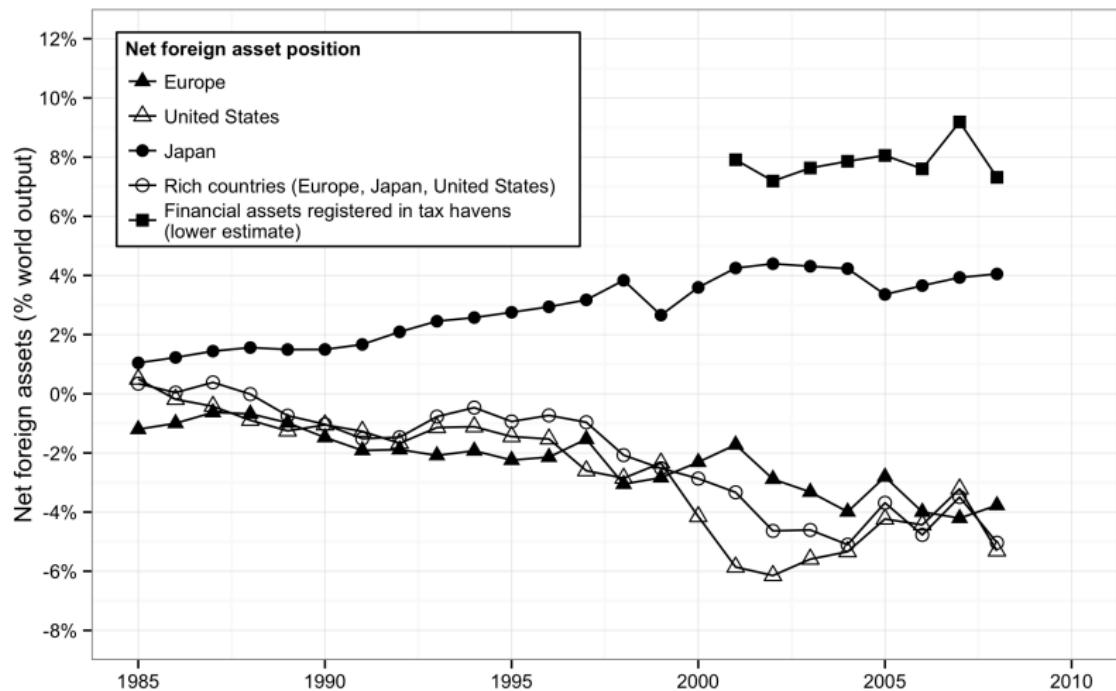
According to the simulations (central scenario), the world capital/income ratio might be near to 700 percent by the end of the twenty-first century.

Figure 12.5. The distribution of world capital, 1870–2100



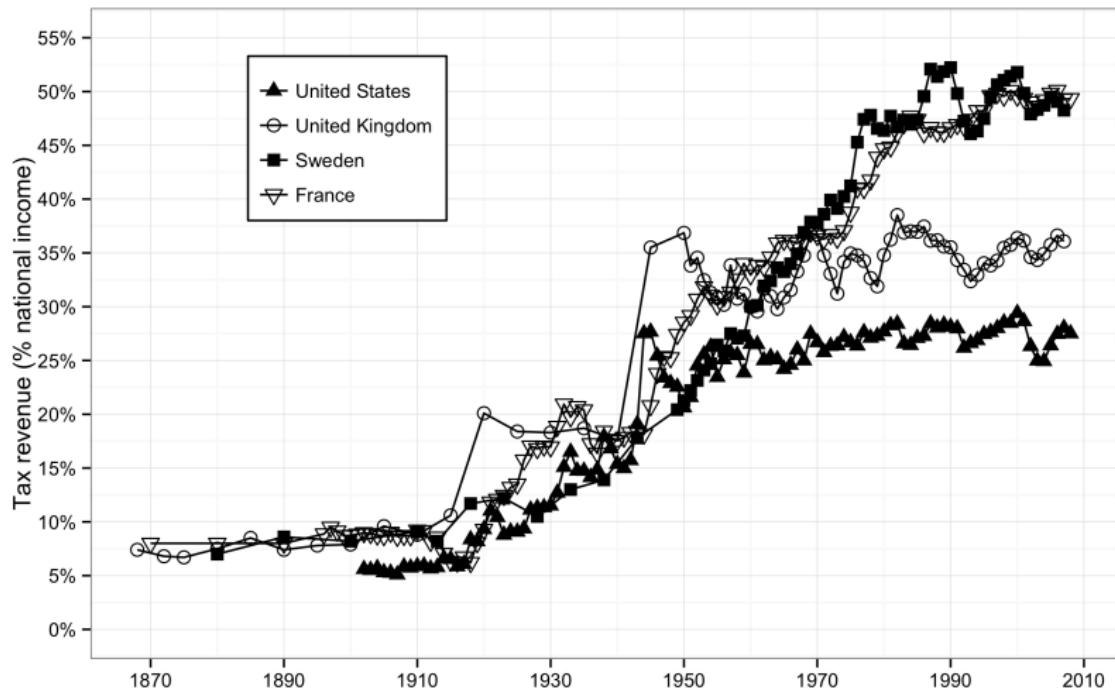
According to the central scenario, Asian countries should own about half of world capital by the end of the twenty-first century.

Figure 12.6. The net foreign asset position of rich countries



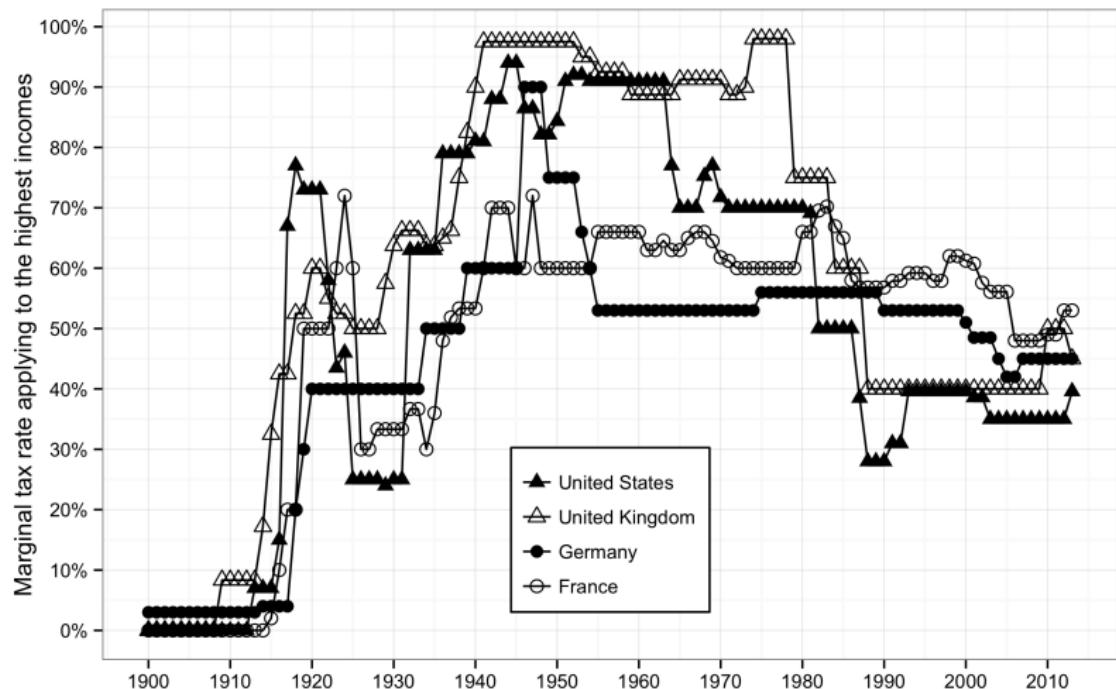
Unregistered financial assets held in tax havens are higher than the official net foreign debt of rich countries.

Figure 13.1. Tax revenues in rich countries, 1870–2010



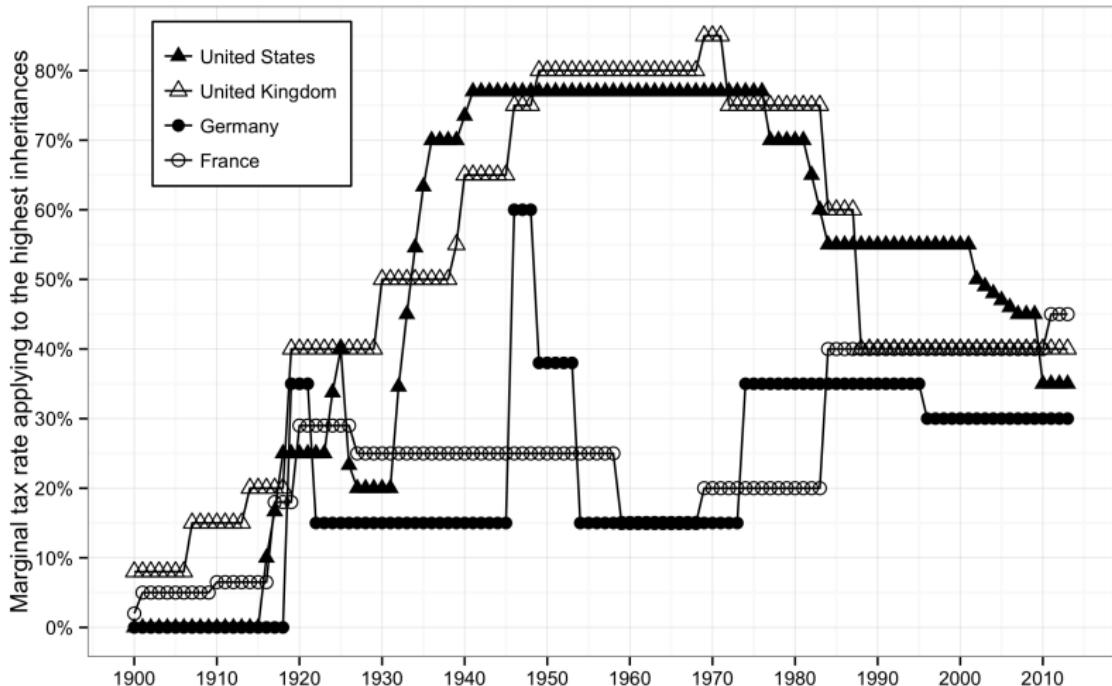
Total tax revenues were less than 10 percent of national income in rich countries until 1900–1910; they represent between 30 percent and 55 percent of national income in 2000–2010.

Figure 14.1. Top income tax rates, 1900–2013



The top marginal tax rate of the income tax (applying to the highest incomes) in the U.S. dropped from 70% in 1980 to 28% in 1988.

Figure 14.2. Top inheritance tax rates, 1900–2013



The top marginal tax rate of the inheritance tax (applying to the highest inheritances) in the U.S. dropped from 70% in 1980 to 35% in 2013.