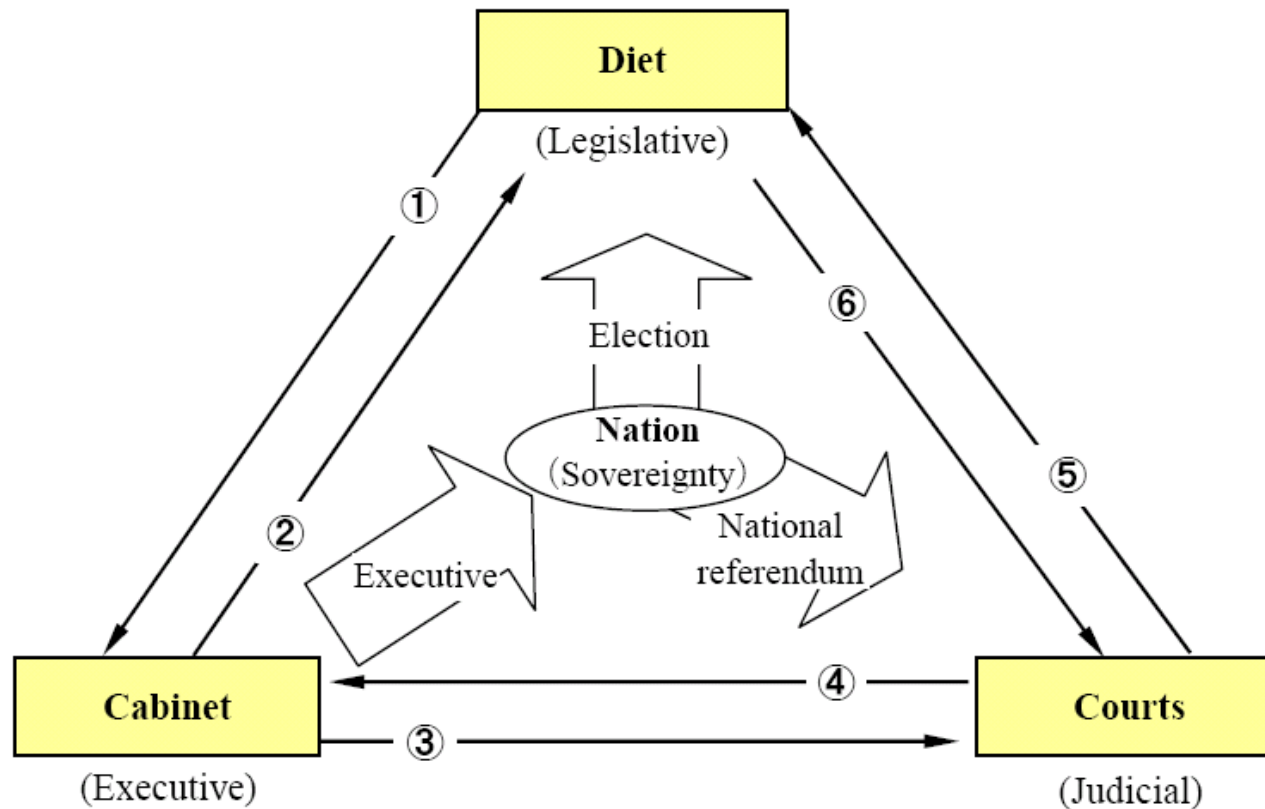


Separation of the Three Branches of Government under the Japanese Constitution



- ① Designation of the Prime Minister
Vote of non-confidence to the Cabinet
- ② Convocation of the Diet
Dissolution of the House of Representatives

The Japanese Diet Building

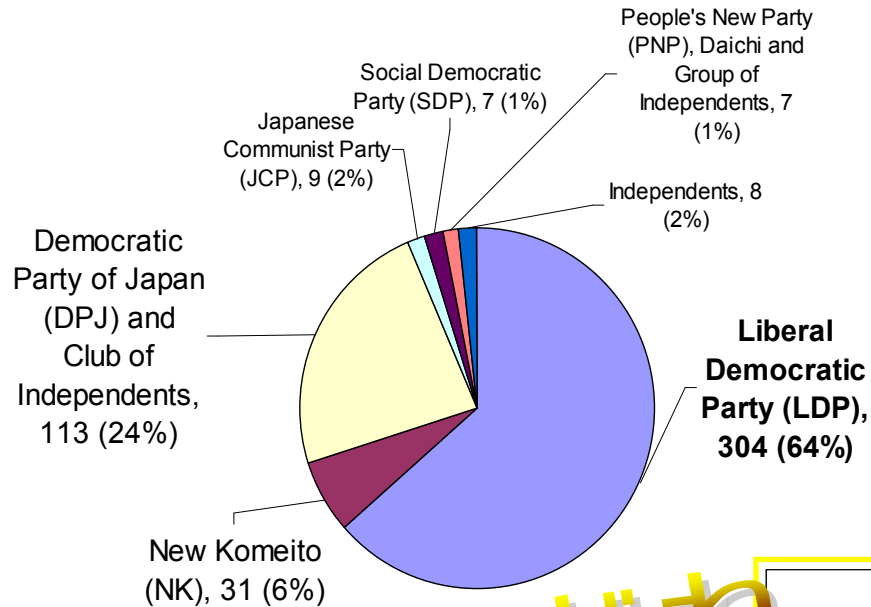


Twisted Parliament

House of Representatives
 (“Lower House”) ←

- 480 seats
- 4-yr. terms

• Governing Coalition	70%
• Opposition Parties	30%

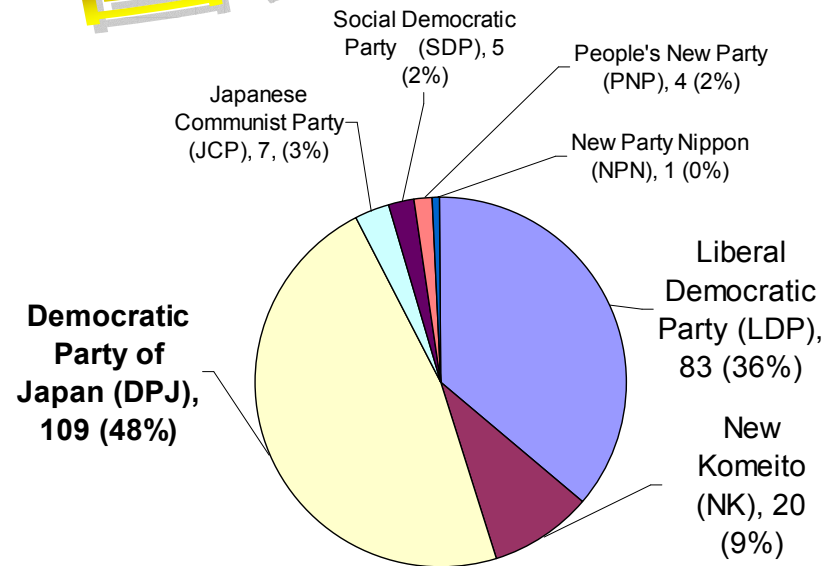


ねじれ 国会

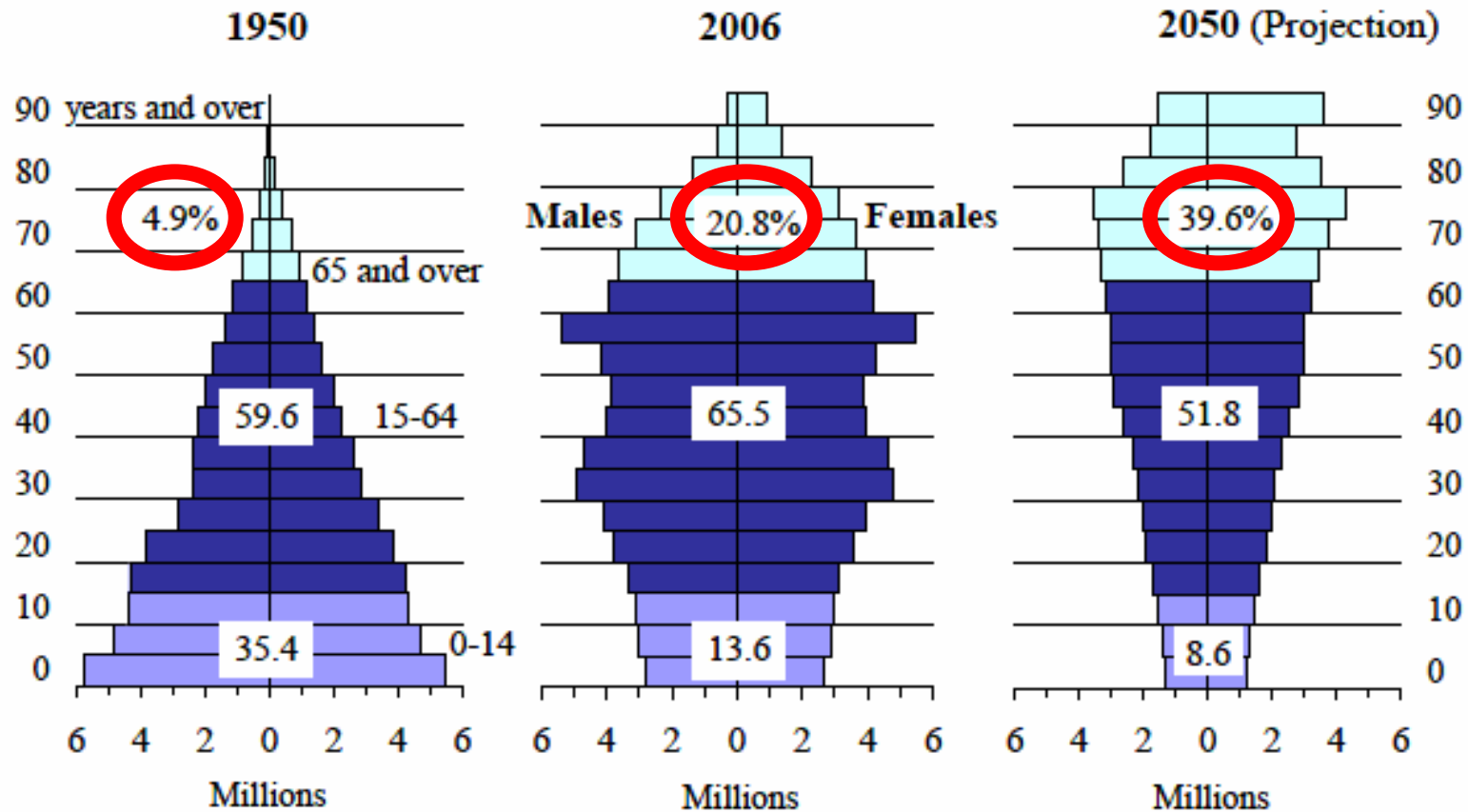
House of Councillors
 (“Upper House”) →

- 242 seats
- 6-yr. terms
 (Staggered elections every 3 yrs.)

• Opposition Parties	55%
• Governing Coalition	45%

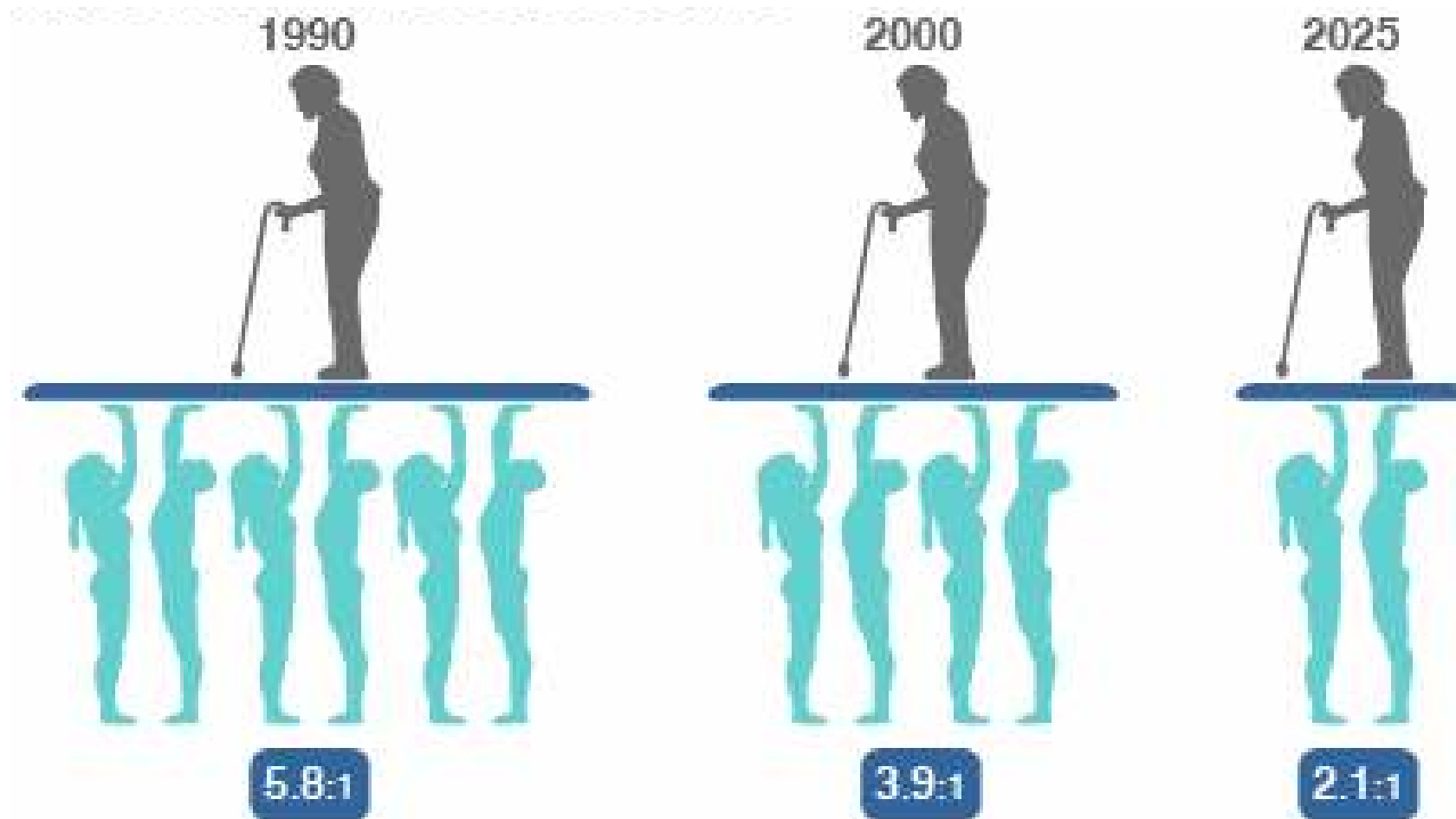


Japan Takes the Lead as an Aging Society (Percentage of Population Aged 65 and Over)



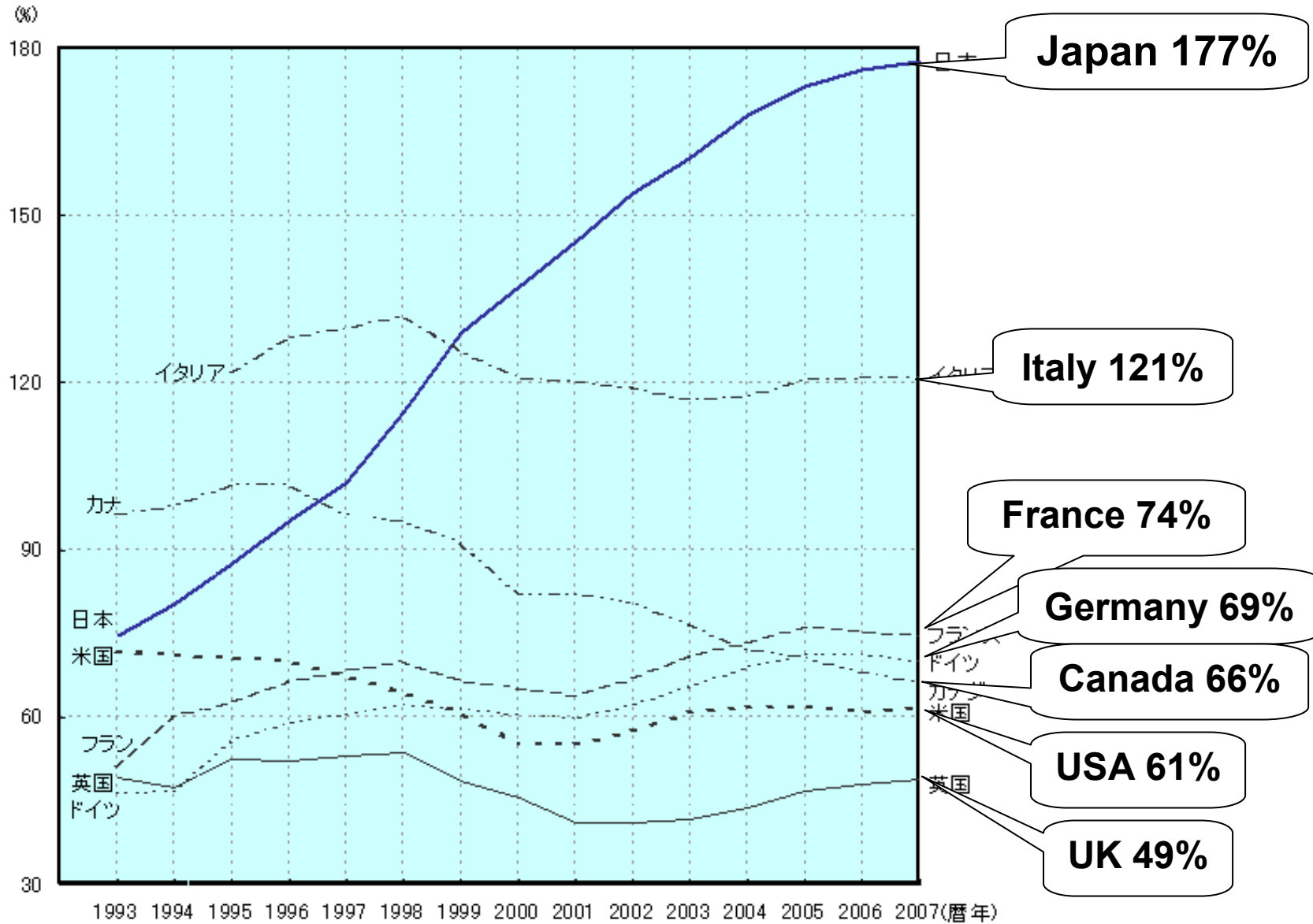
Source: Statistics Bureau, MIC; Ministry of Health, Labour and Welfare.

Ratio of Japanese Workers to Japanese Pensioners

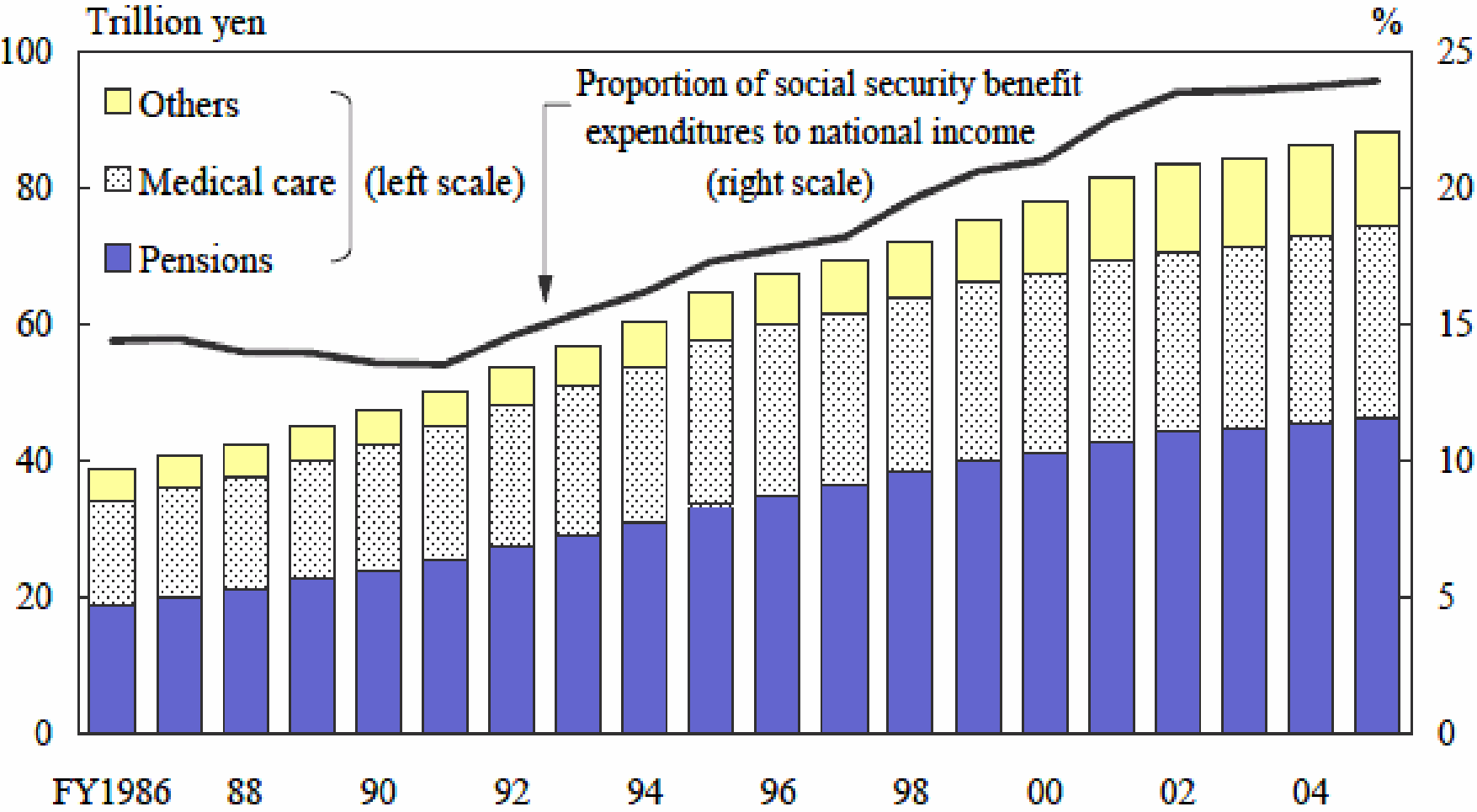


Source: Ministry of Health and Welfare, Japan; Graphic: BBC

National Fiscal Debt as % of GDP

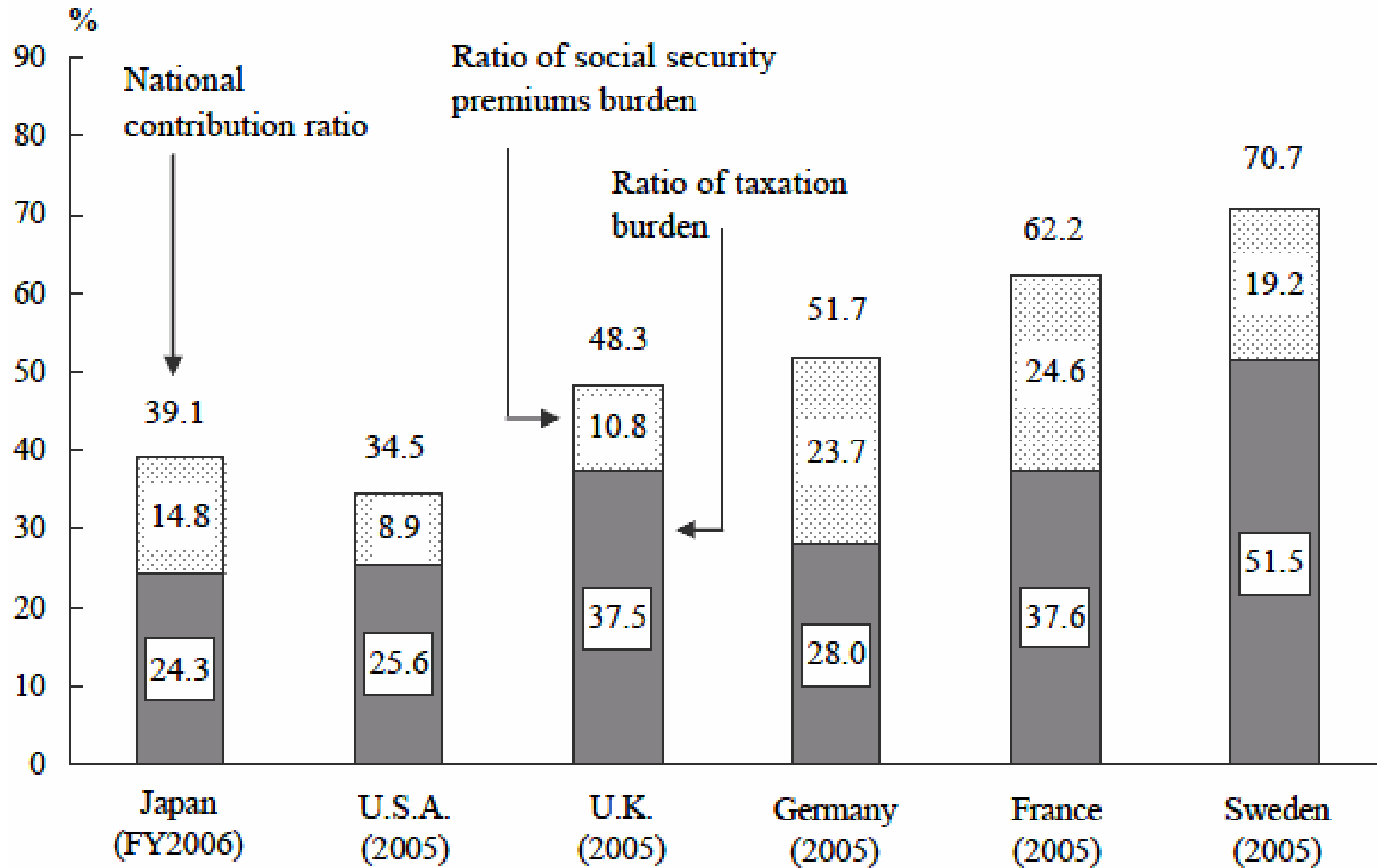


Trends in Social Security Benefit Expenditures by Sector



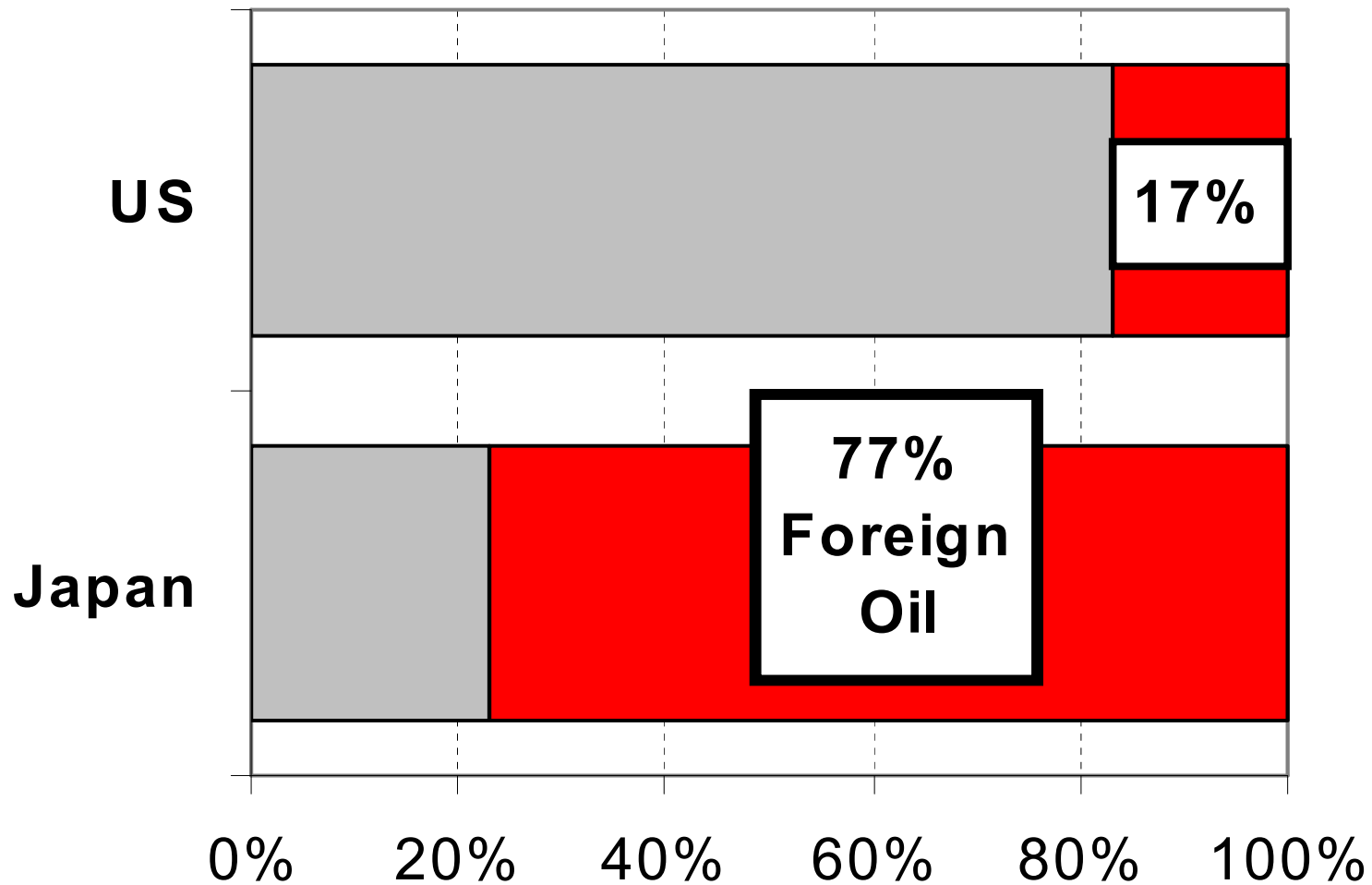
Source: Ministry of Health, Labour and Welfare.

National Contribution Ratio by Country

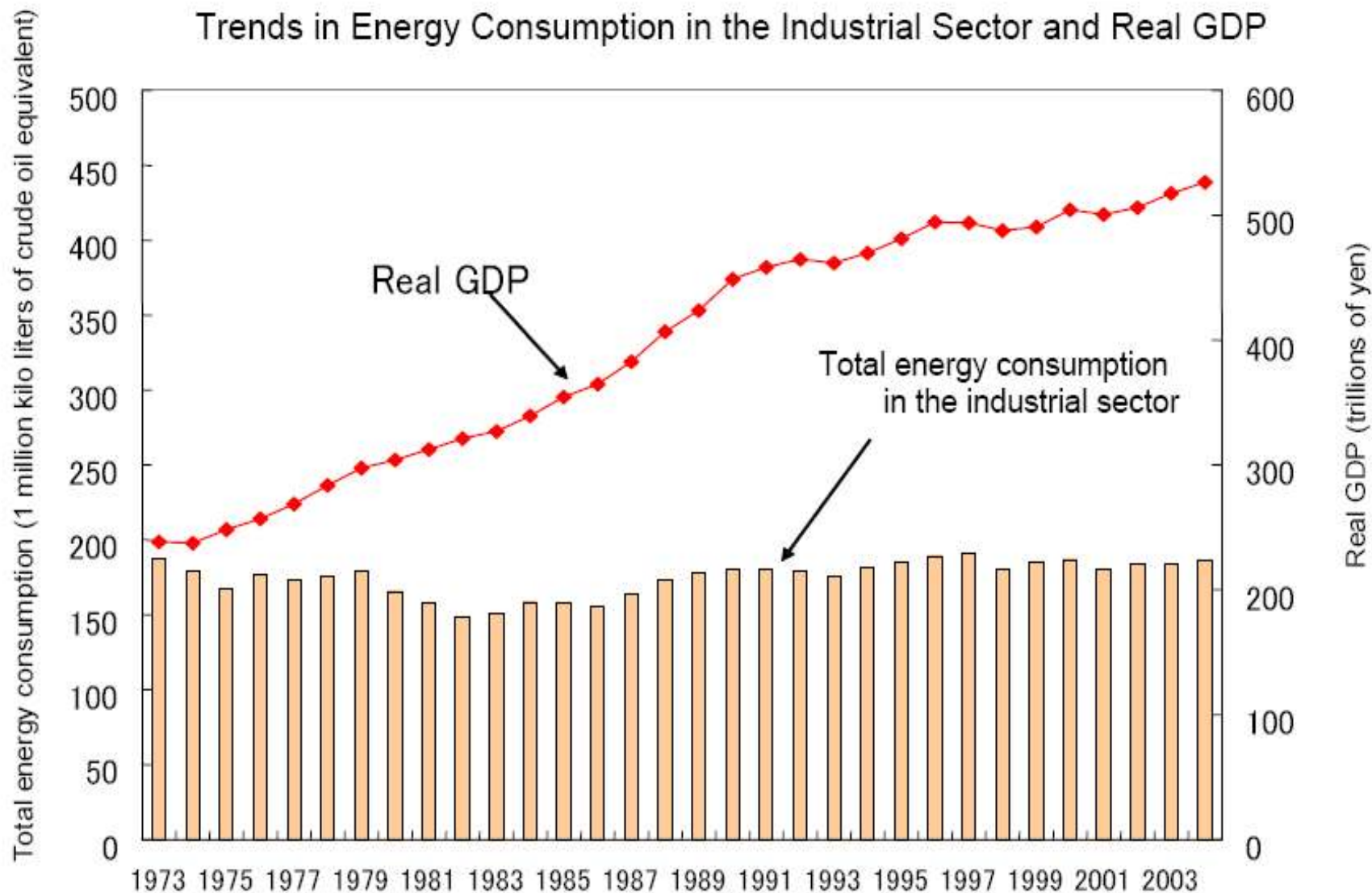


Source: Ministry of Finance.

1973 Dependence on Imported Oil in Total Energy Mix



Trends in Energy Consumption in the Industrial Sector and Real GDP

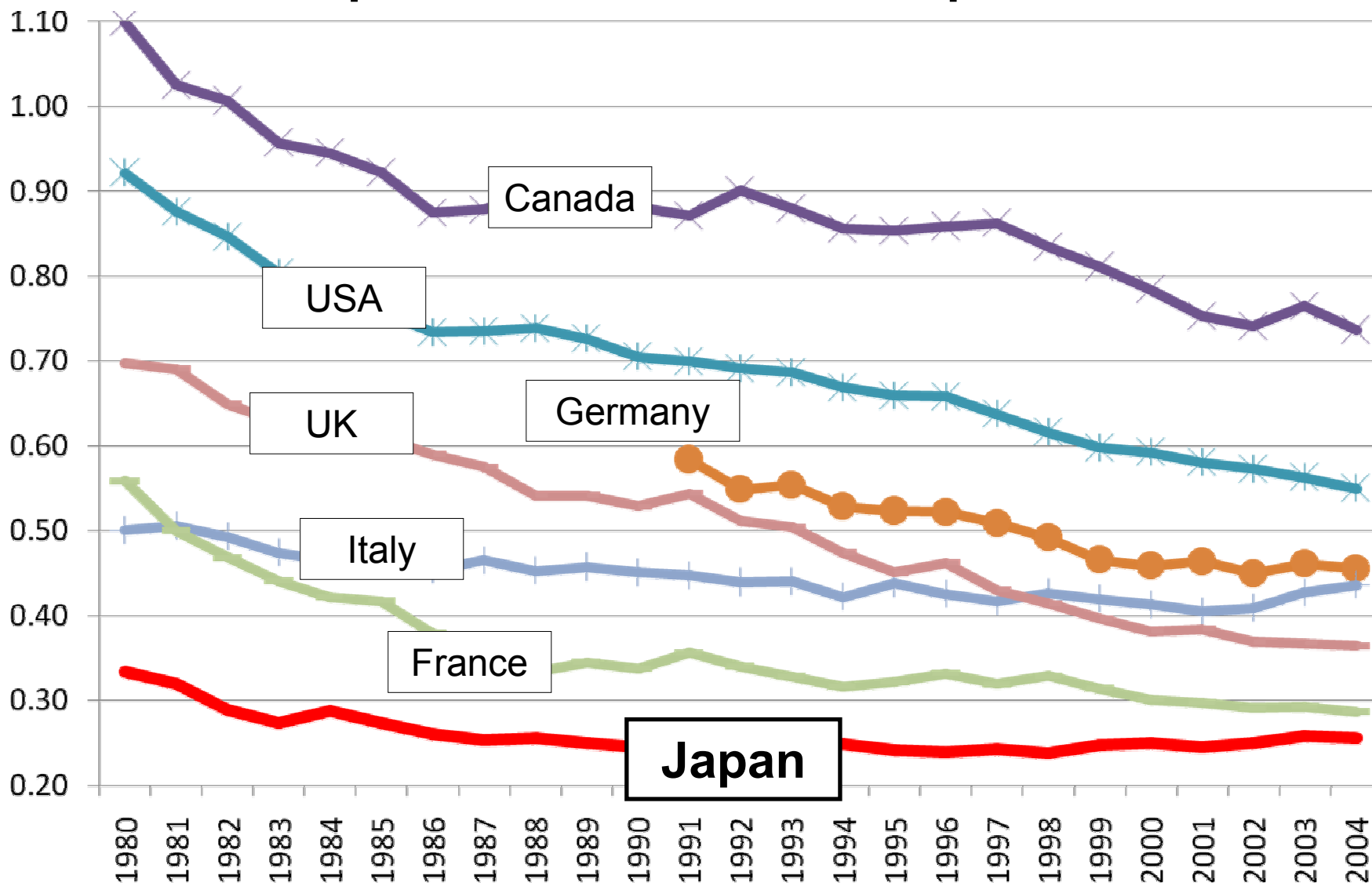


Source: General Energy Statistics (Agency for Natural Resources and Energy of the government of Japan)

System of National Accounts (Cabinet Office of the government of Japan)

Carbon Intensity - G-7 Nations

Metric Ton Equivalent CO2 Emissions per 1,000 US \$ GDP



Source: US DOE Energy Information Administration



**Toyota Hybrid Vehicle
Improvements --
Plug-in Hybrid in 2010**

**Honda FCX Clarity 2008
Hydrogen Fuel Cell Car**



Waste Incinerators

Japan Participation in “Waste to Energy”
Projects throughout the World

- ✓ Reduction of Waste Stream to Landfills
- ✓ Air Quality Concerns Mitigated
- ✓ Excess Energy Generated Sold to Utilities



Gien, France



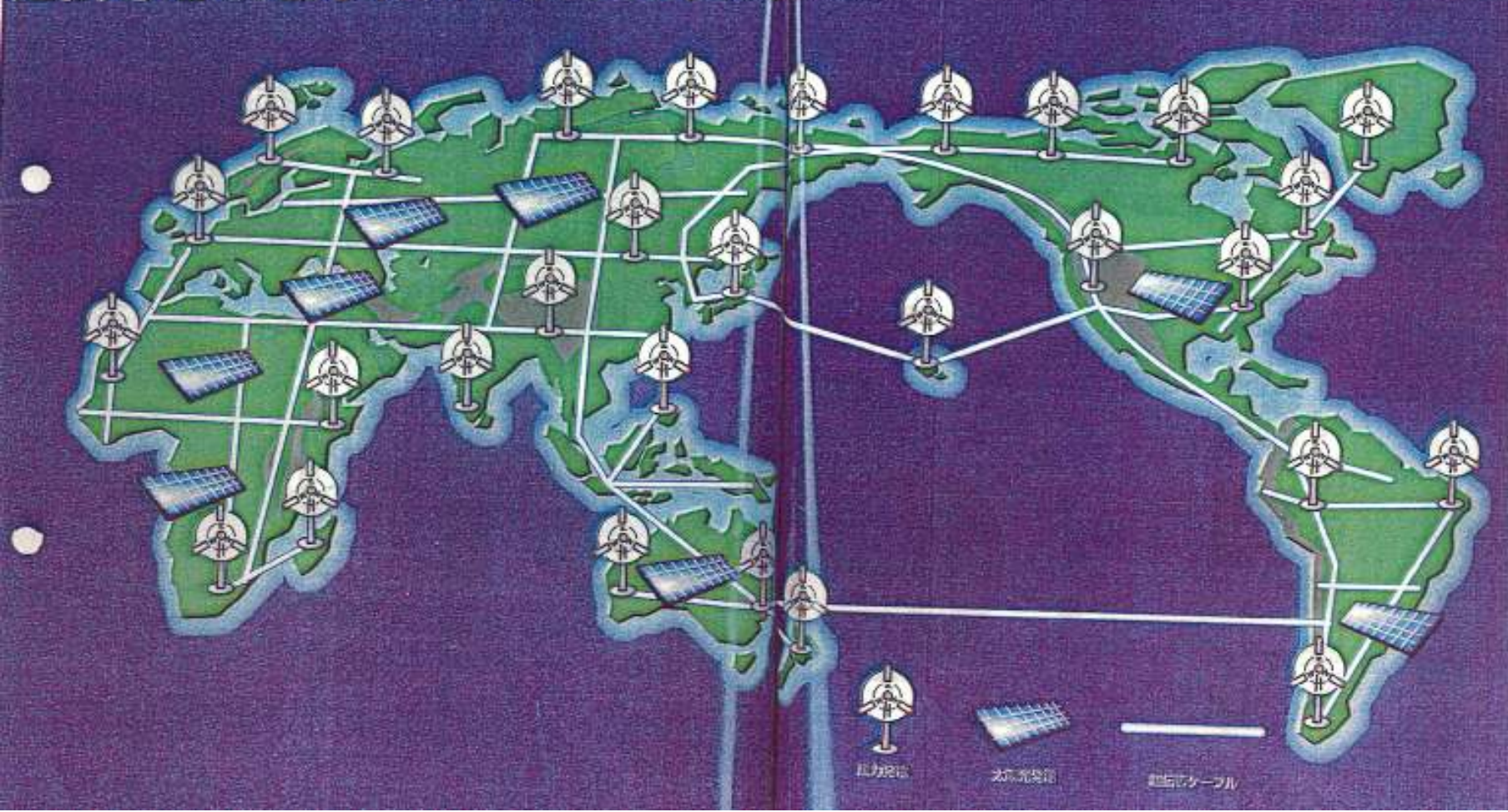
Adachi, Japan



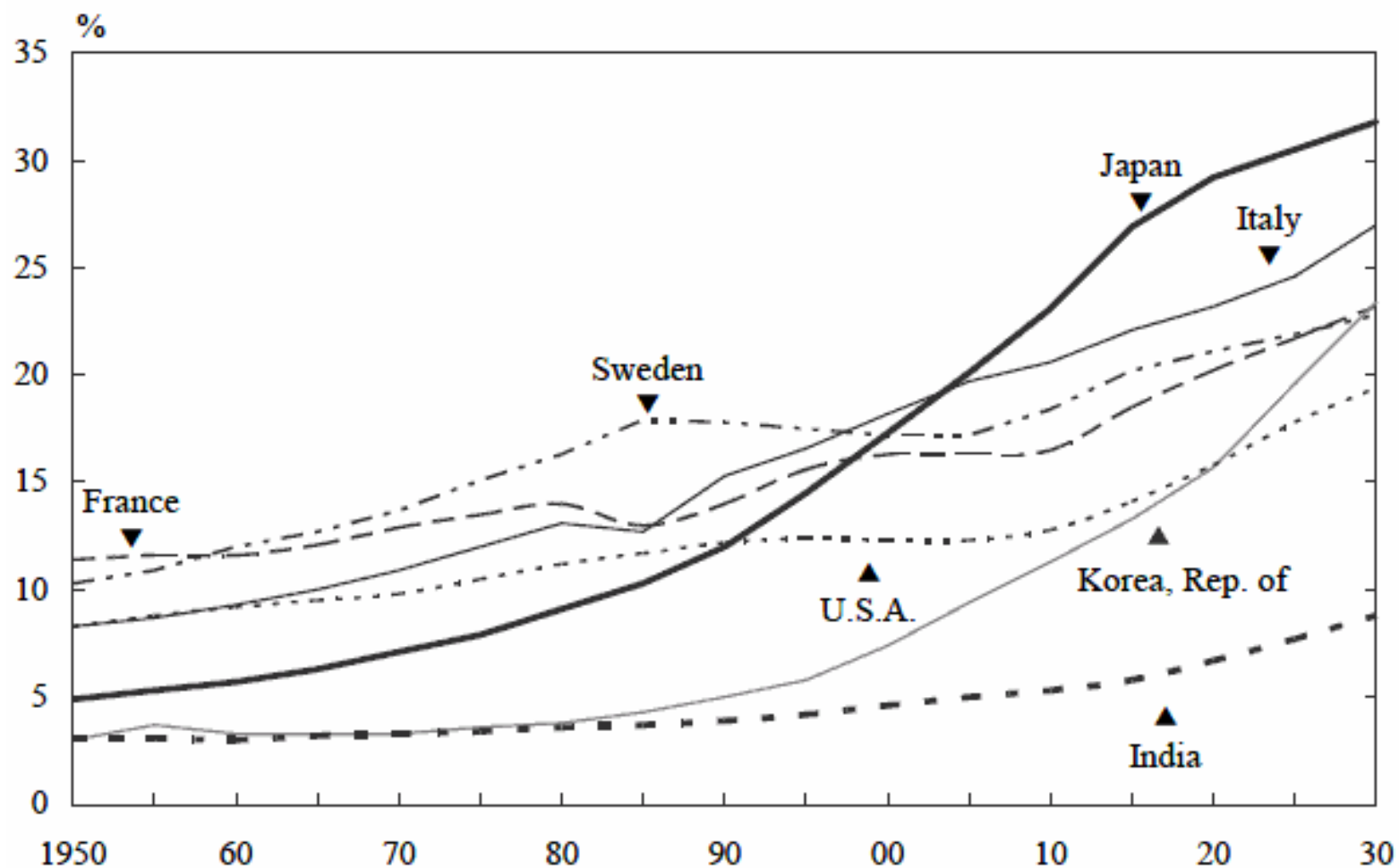
Sausheim, Alsace, France

Worldwide Electric Grid Powered by Sustainable Technology and Linked by Superconducting Power Cable

超伝導地球電力ネットワークの実現 P114(2017)



Proportion of Elderly Population by Country (Aged 65 years and over)



Source: Statistics Bureau, MIC; United Nations; Ministry of Health, Labour and Welfare.