

The demographic ageing and its implications


Is demographic ageing undermining economic growth
in developed countries? The case of France

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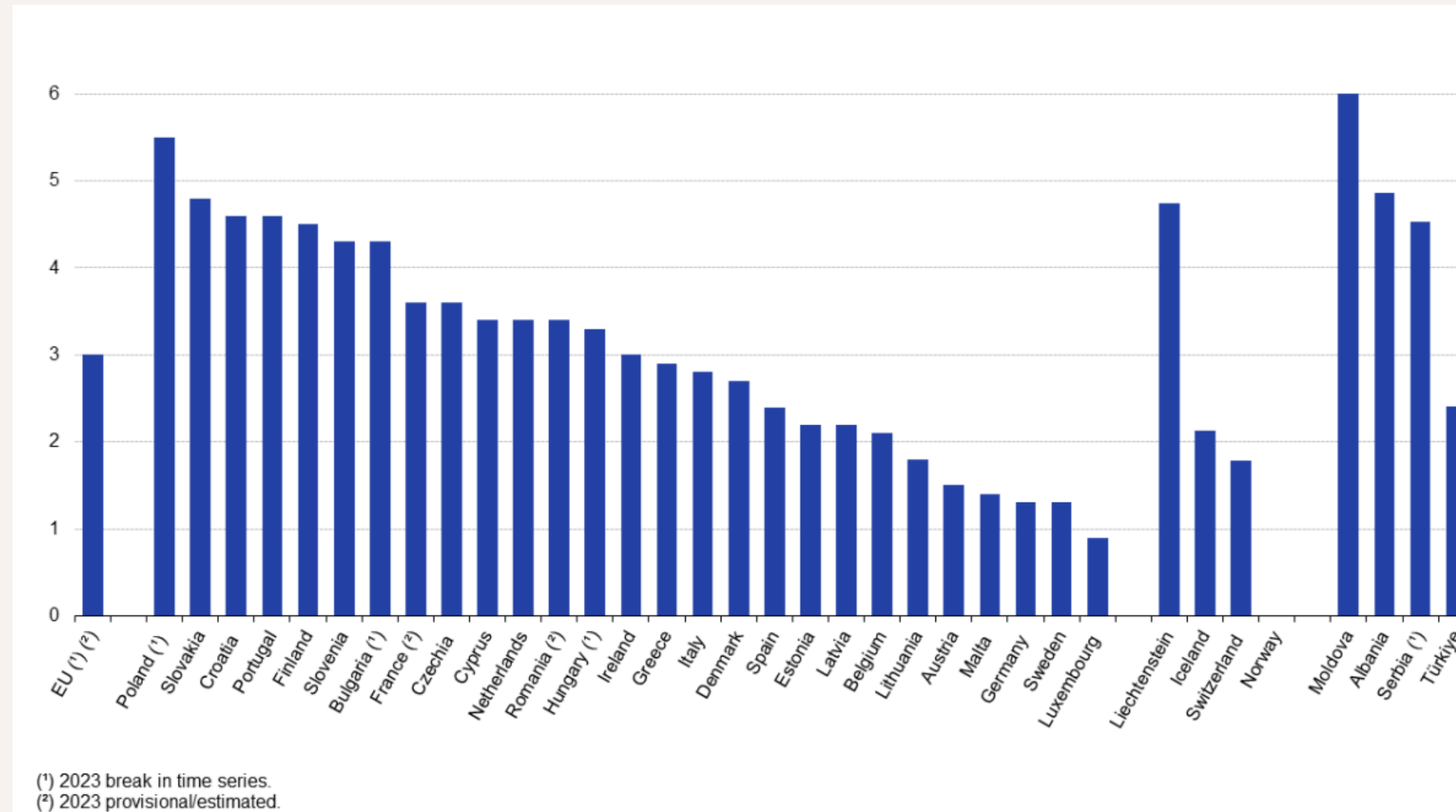
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B) Analysis and policy analysis

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 - b. Multiple solutions to the consequences of demographic ageing on economic growth: social policies, migration policies and Silver economy, Examples from other countries
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A) Literature review : empirical evidences of global ageing in the developed world

GRAPH 1: Evolution in the share of the population aged 65 years and over between 2013 and 2023

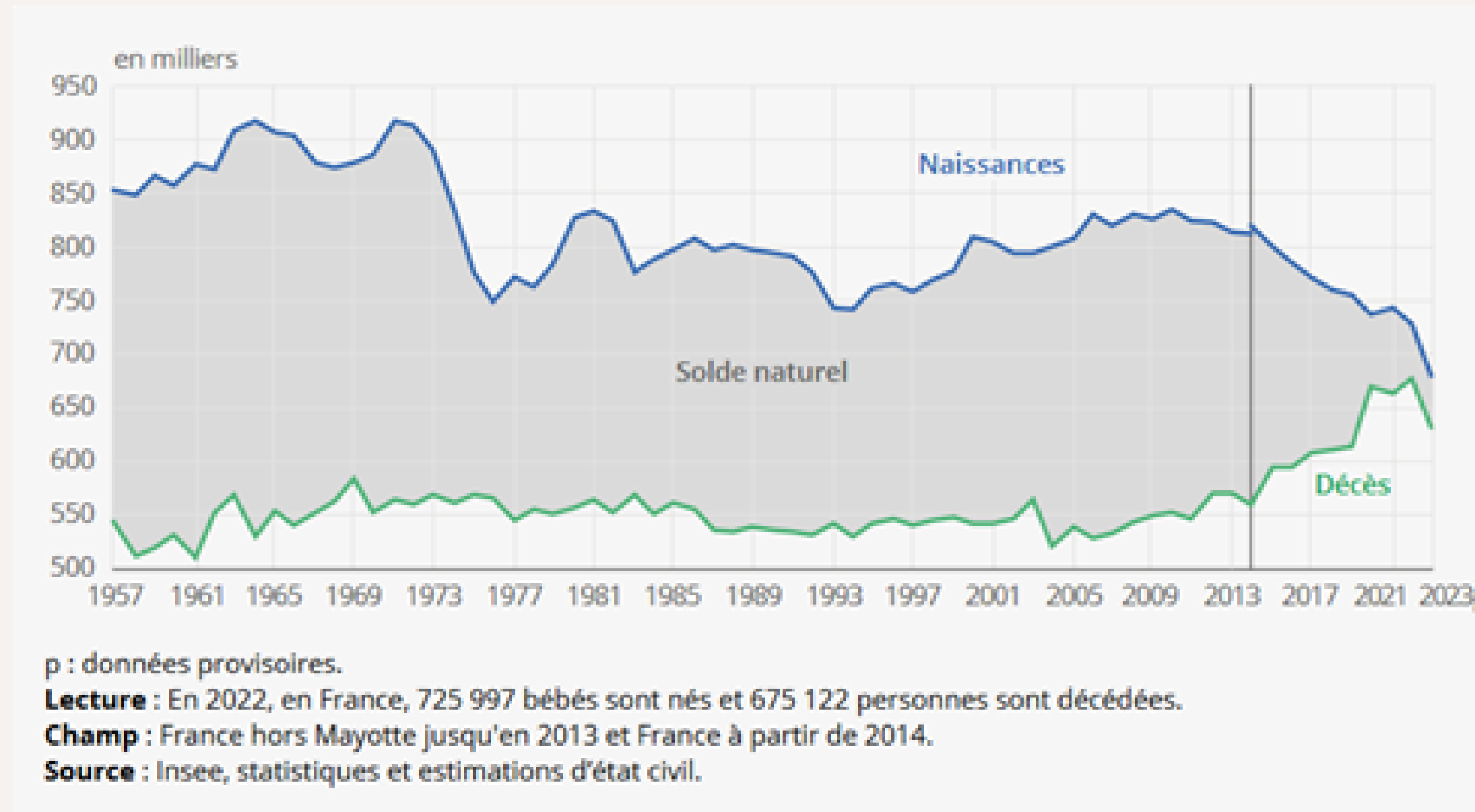


Source: Eurostat, 2024

Notes: L axis: increase in the share of the population aged 65 years and over between 2013 and 2023 in percentage points, R axe: countries

A) Literature review : empirical evidences of global ageing in France

GRAPH 2: Evolution in the number of births, deaths and the natural balance in France between 1957 and 2023

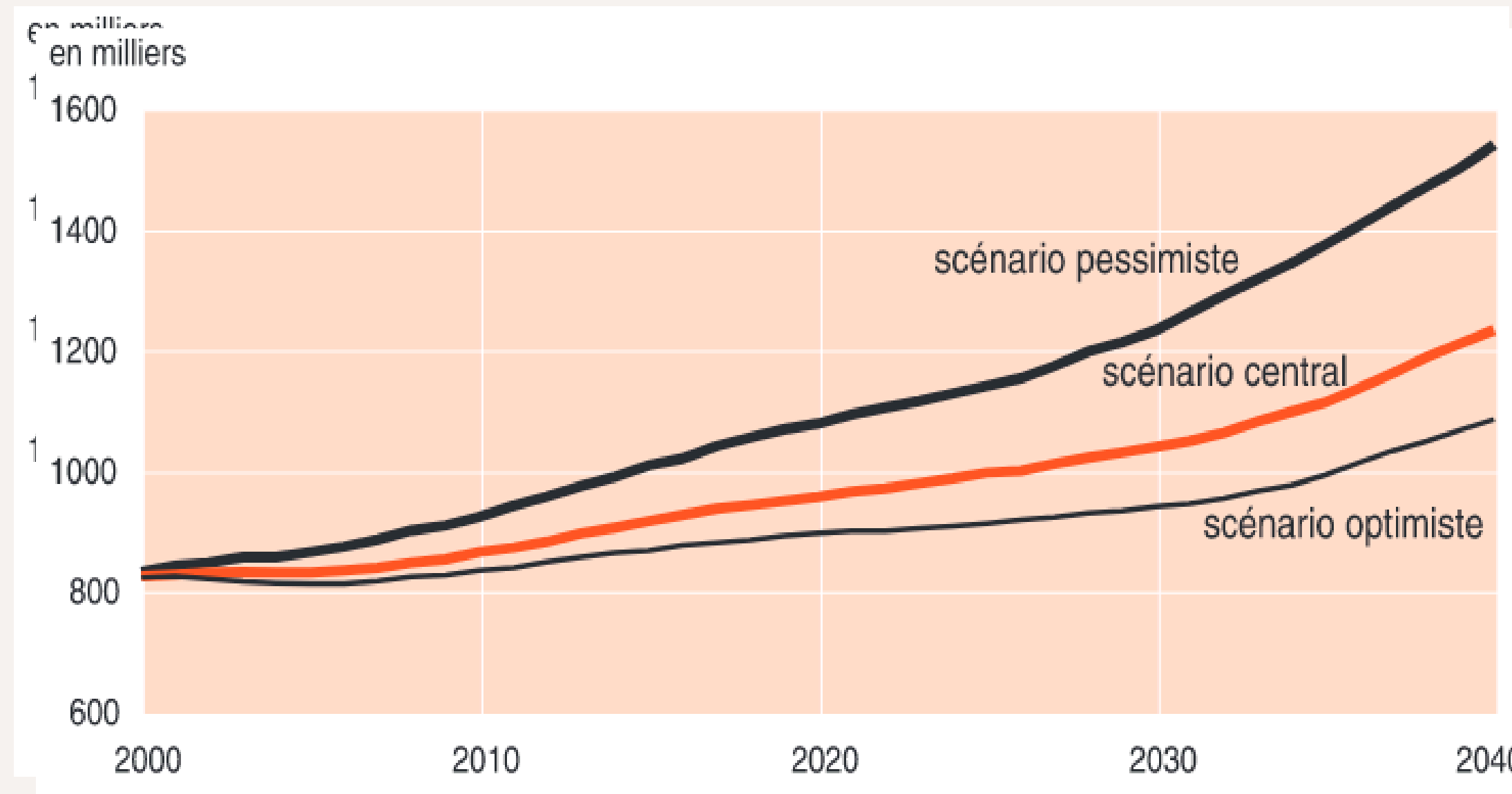


Source : Insee, 2024

Notes: L axe: number in thousands, R axe: years, Data for 2023 are provisional. The natural balance refers to the difference between the number of births and the number of deaths in a country over a given period.

A) Literature review: Demographic ageing, a handicap for the growth of developed countries : social protection

GRAPH 3: increase in the number of dependent elderly people in France

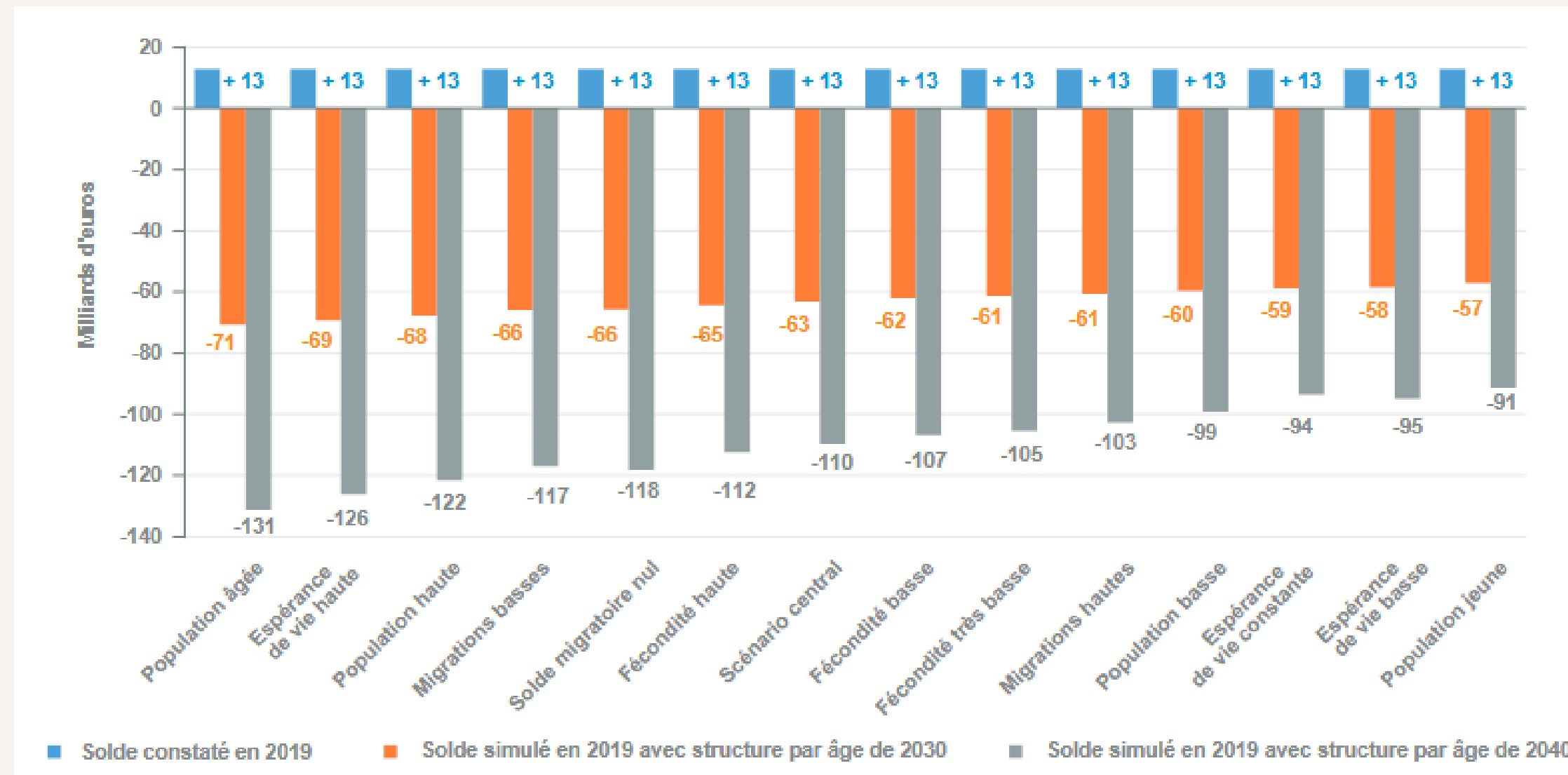


Source : Insee, 1998-1999

Notes : L axe: number of dependent elderly people in thousands, R axe: years. The graph shows 3 different scenarios : pessimistic, central and optimistic. Datas are projections.

A) Literature review: Demographic ageing, a handicap for the growth of developed countries : social protection

GRAPH 4: social protection balance observed in 2019 and simulated in 2019 with the age structures in different demographic scenarios in 2030 and 2040 in France

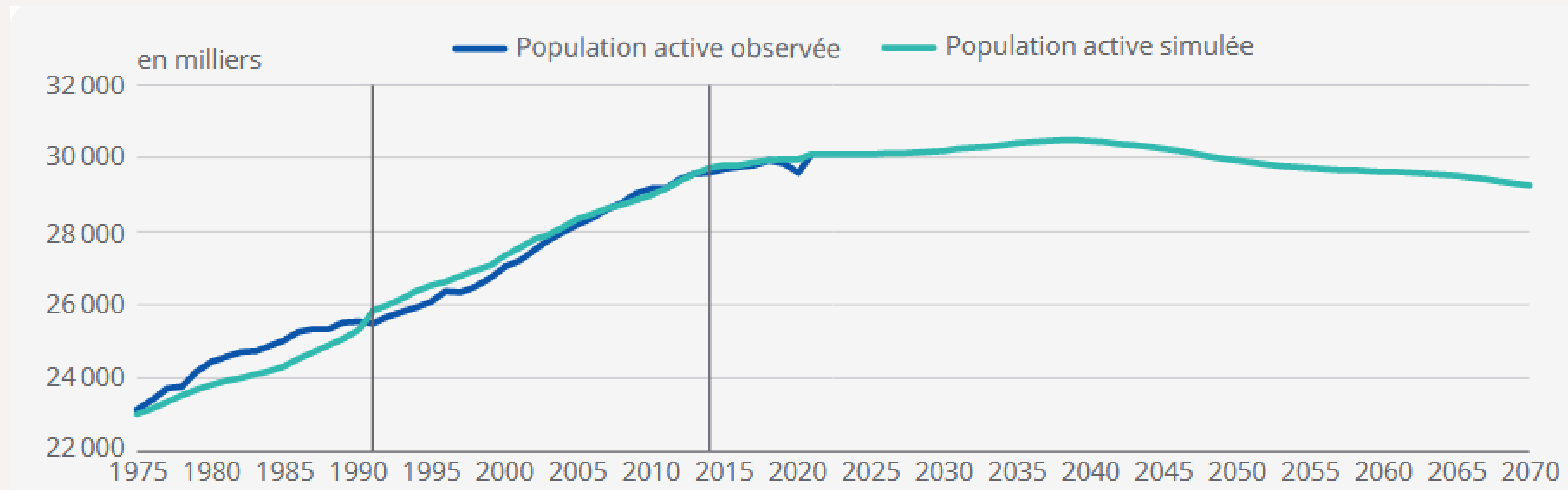


Source : projections of population from INSEE, calculation from France Stratégie

Notes : L axe: social protection balance in billion, R axe different scenario. The graph is built from simulations based on the year 2019, in order to construct it, France Stratégie used the balance of French social protection in 2019 and analyzed the impact on them of demographic aging using demographic structures planned by INSEE in 2030 and 2040.

A) Literature review: Demographic ageing, a handicap for the growth of developed countries : labour market - quantitative effect

GRAPH 7: Average annual evolution in the working population in France

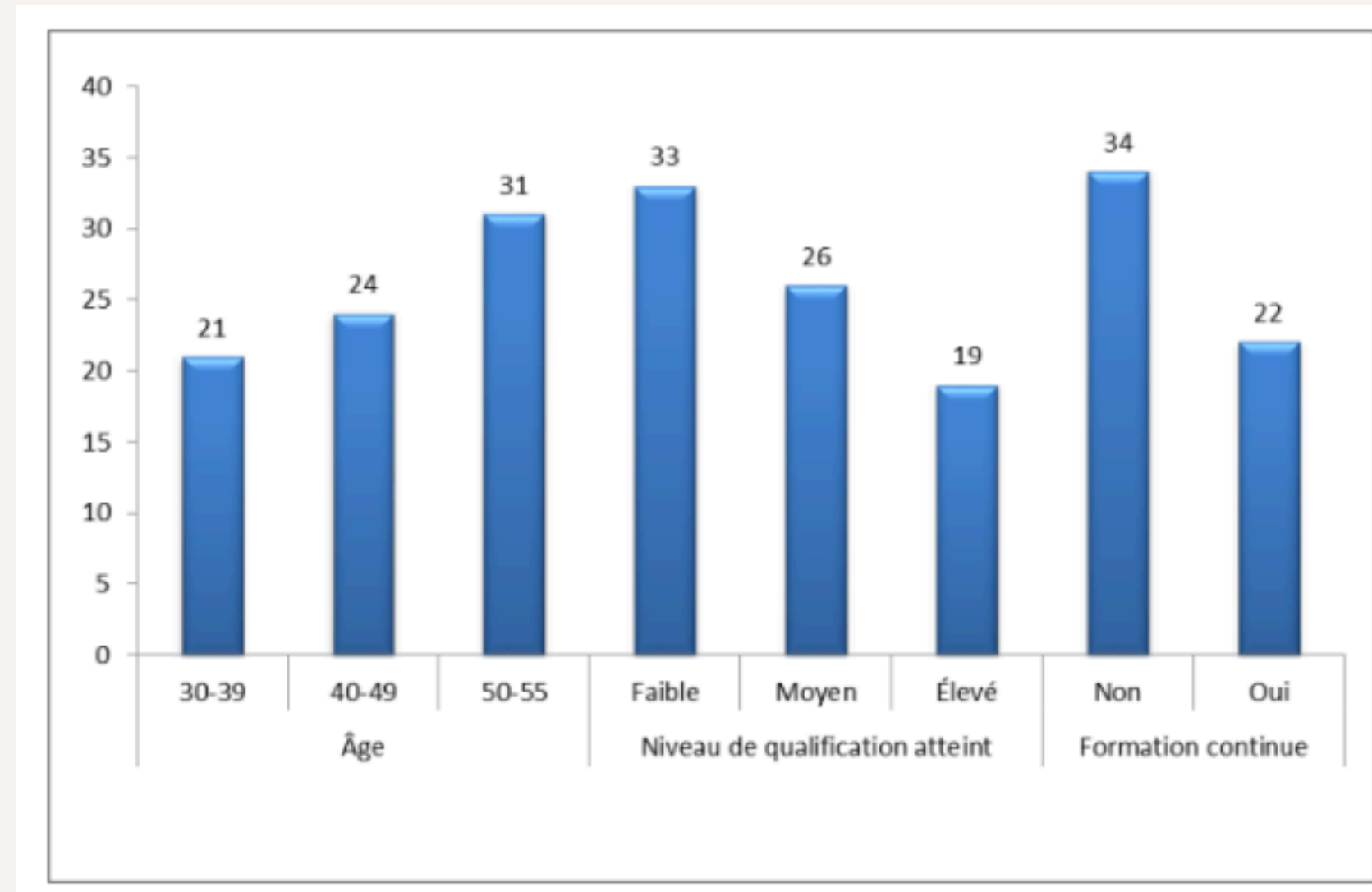


Source : INSEE, projections of active population 2022-2070

Notes : L axe : working population in thousands, R axe: years. Curve 1: observed active population, Curve 2: simulated active population. From 2022 onwards, the data are projections.

A) Literature review: Demographic ageing, a handicap for the growth of developed countries : labour market - qualitative effect

GRAPH 8: Skill obsolescence by group of workers in a group of 4 countries

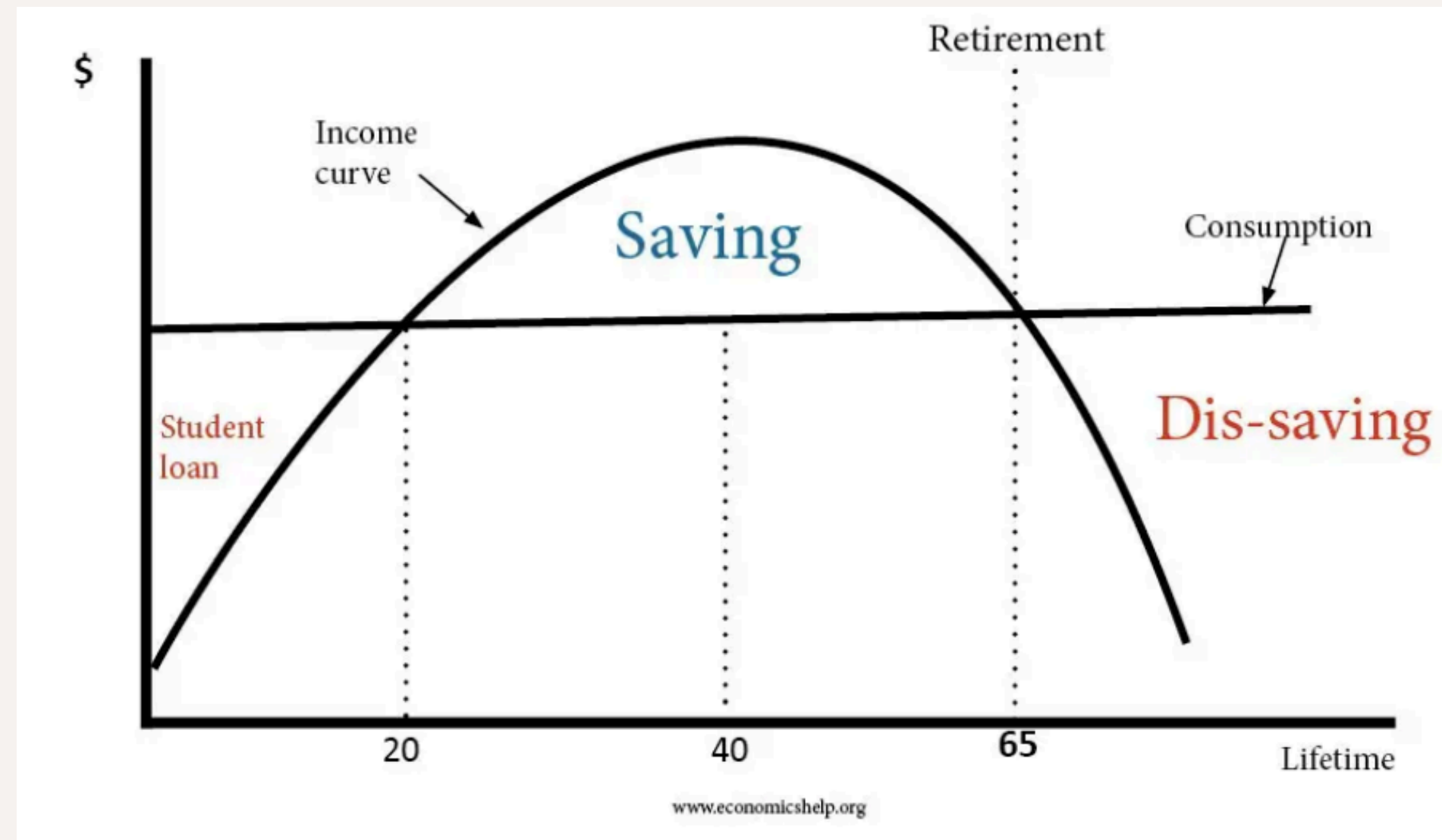


Source : European Centre for the Development of Vocational Training (CEDEFOP) pilot survey on skills obsolescence skills, 2011

Notes: L axe: age, R axe: 3 categories: age (30-39, 40-49, 50-55), level of qualification (low, medium, high), continuing education (yes, no). Methodology: the survey is based on interviews with workers from different groups in 4 countries (Germany, Hungary, Netherlands, Finland)

A) Literature review: Demographic ageing, a handicap for the growth of developed countries : savings and consumption

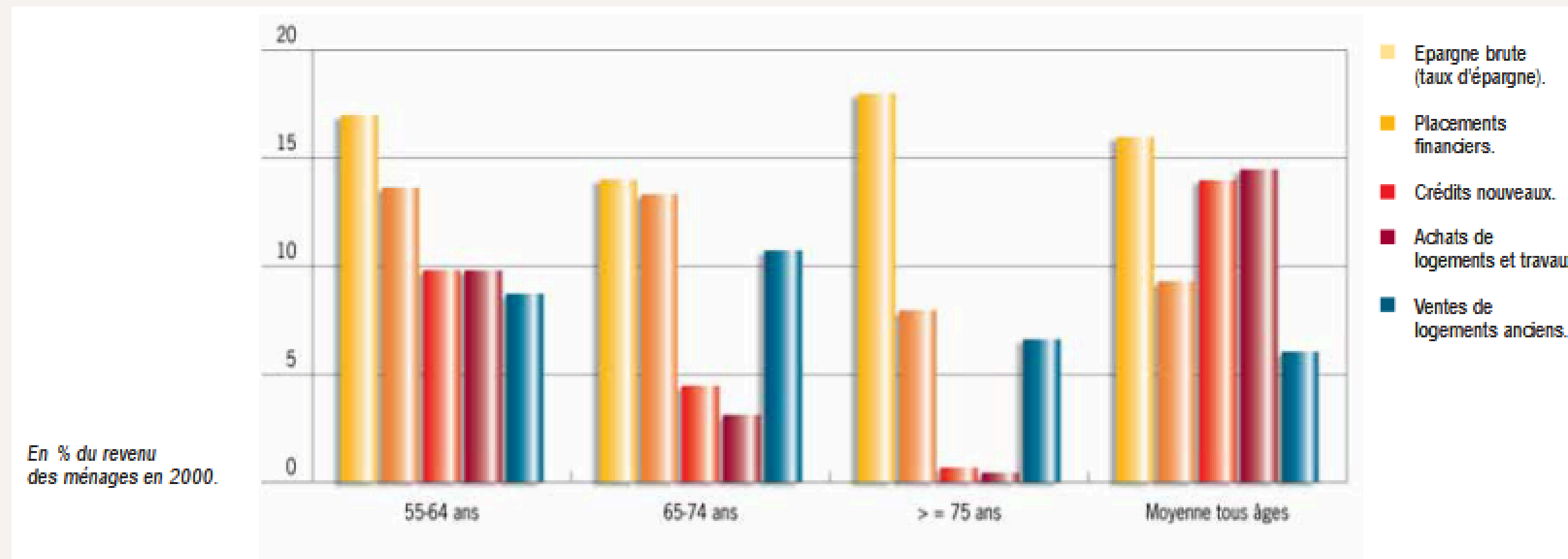
ILLUSTRATION 1: Cycle-life theory



Source : [Economicshelp](http://www.economicshelp.org)

A) Literature review: Demographic ageing, a handicap for the growth of developed countries : savings and consumption

GRAPH 9: Evolution in financial behaviour by age in France

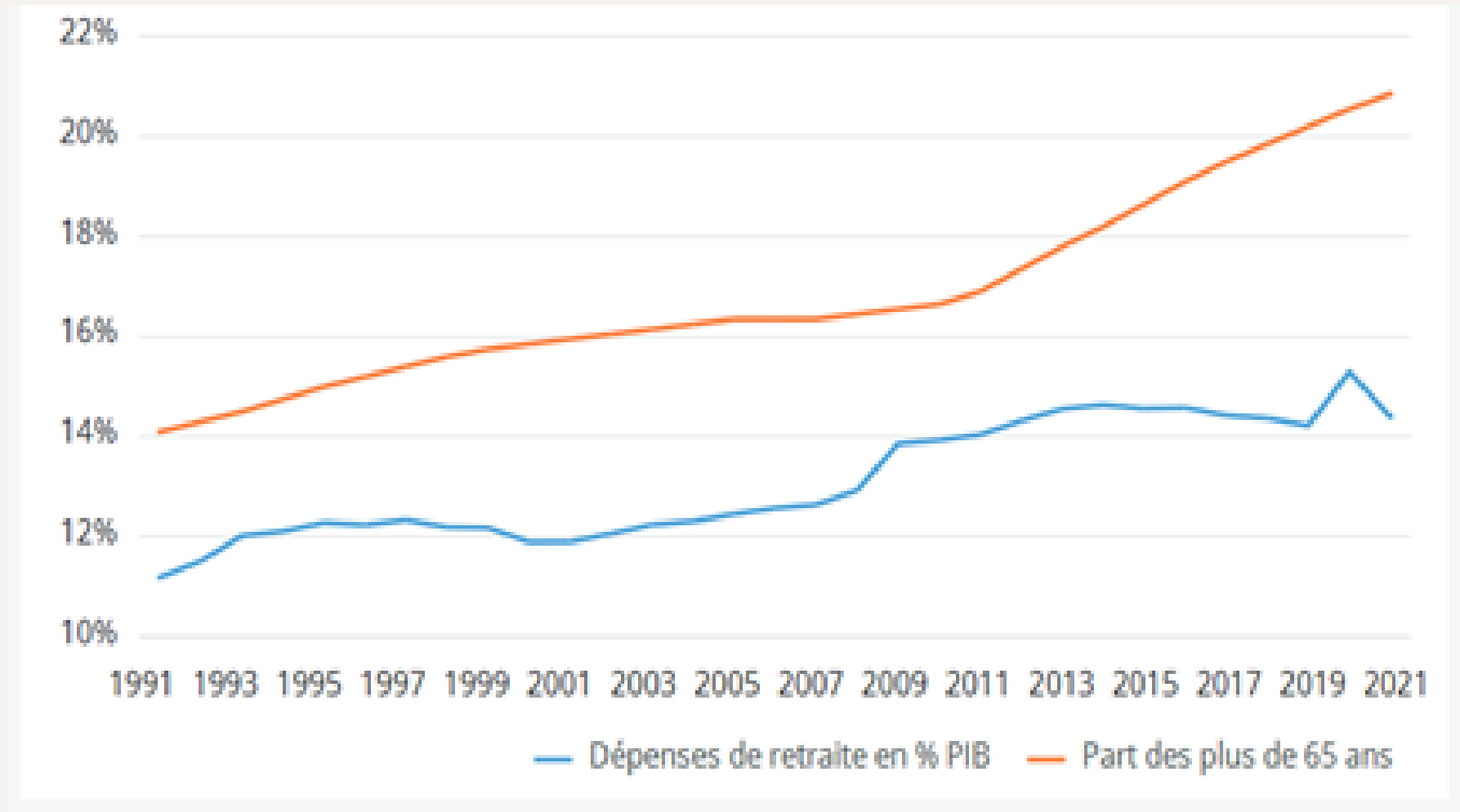


Source : BIPE, Caisse d'épargne, 2004

Note: L axe: in % of household income in 2000, R axis: 4 age categories (55-64, 65-74, >= 75, average for all ages). Yellow bars: gross savings, orange bars: financial investments, red bars: new loans, brown bars: house purchases and works, blue bars: sales of old houses.

B) Analysis and policy analysis: Affirm that demographic ageing inevitably harms the economy is not necessarily justified

GRAPH 10: Share of senior citizens and pension expenditure as a % of GDP

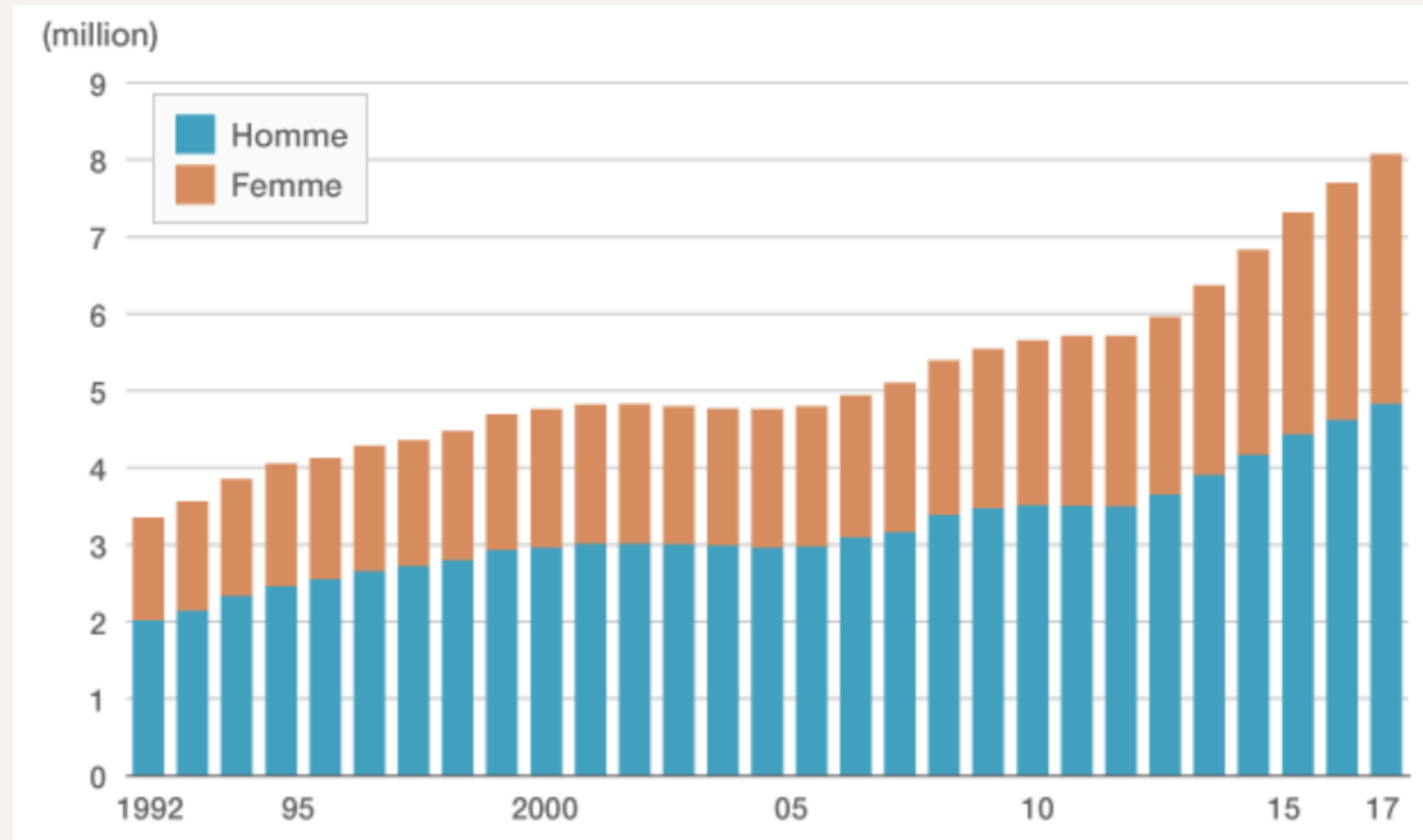


Source : Drees, INSEE, 2023

Note: L axe: in % of GDP, R axis: years. Blue curve : pension expenditures, Orange curve : share of 65 and over

B) Analysis and policy analysis: Multiple solutions to the consequences of demographic ageing on economic growth: social policies, migration policies and Silver economy, Examples from other countries

GRAPH 11: Evolution of the number of older workers

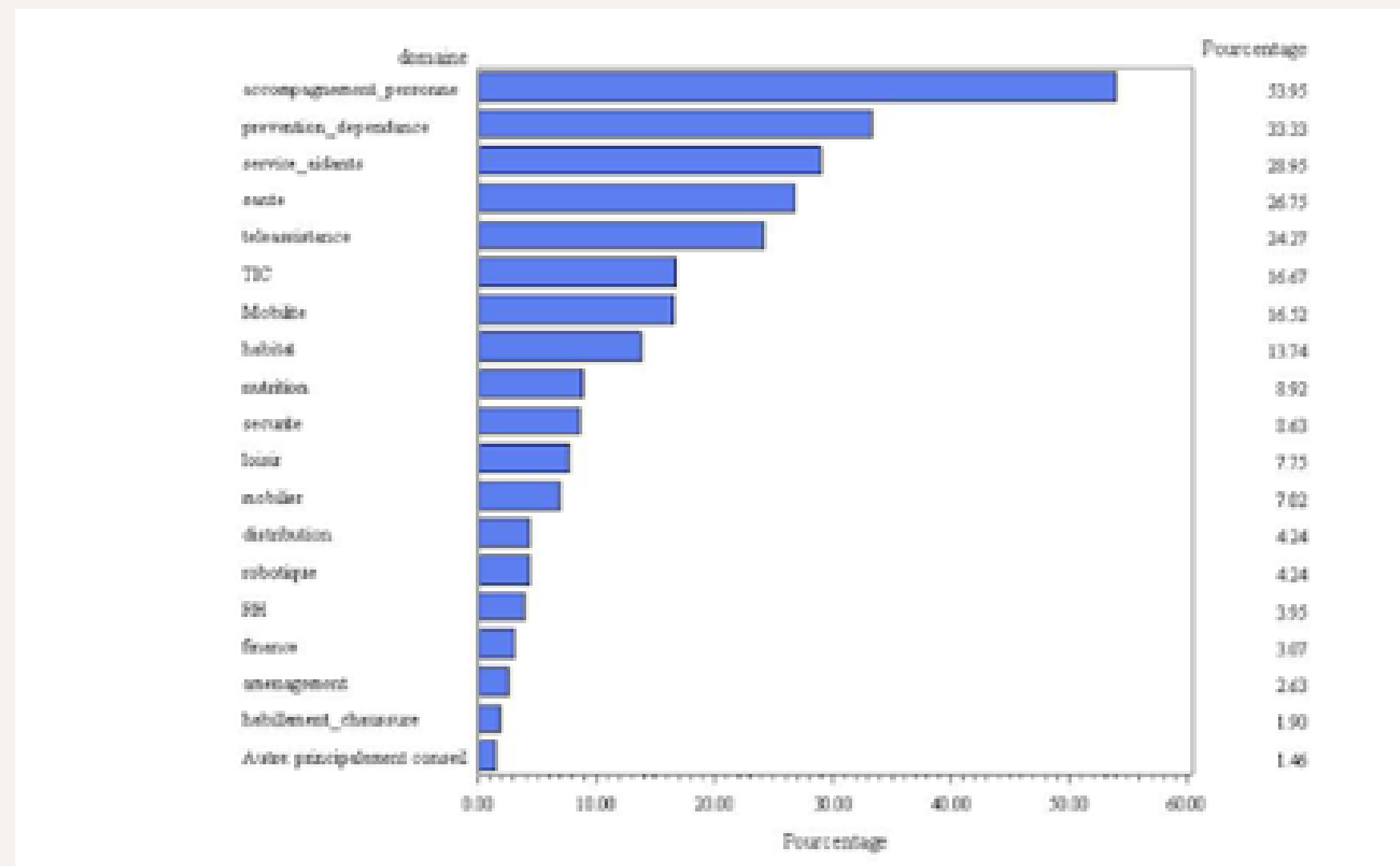


Source : investigation on the workforce by the Japanese ministry of internal affairs and communications

Note: L axe: number of older workers in thousands, R axis: years. Blue is for men, Orange is for women

B) Analysis and policy analysis: Multiple solutions to the consequences of demographic ageing on economic growth: social policies, migration policies and Silver economy, Examples from other countries

GRAPH 12: Importance of Silver Economy business areas



Source : French General Commissariat for Strategy and Forecasting, 2013

Notes: left L axe: sectors , right L axe and R axe: % of representation of the sector in the Silver Economy. Methodology: Survey made on the structures for the over-60s

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