



# **Inevitable population aging and lifelong-learning vitality**

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**Statistical Priorities in the European Context:  
User Perspectives and Consultation Mechanism  
Workshop organized by ELSTAT- ESAC – EUROSTAT**

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## Presentation content

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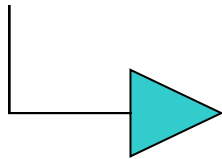
1. Ageing in the modern world
2. Link between population ageing and lifelong learning
3. The ageing process in Greece (1961-2051)
4. *Ad doc* surveys carried out by ELSTAT
5. Barriers to lifelong learning
6. Insights and pathway to future research

# Population aging ...

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## *Demographics*

Age structure is determined by long term trends in fertility, mortality & selected migration



## *Implications of aging:*

- Tendency to depress the levels of living
- Differentiates the needs of the population
- Older labour force is less efficient
- Affects flexibility of active population
- Tends to lower the rate of savings
- Tends to retard social and cultural progress
- Generates problems in social security provision and health services
- Tendency for psychological and social problems for individuals and societies

# Population ageing is a core issue of modern demography

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- ❖ UN: ageing characterised as a **mega trend** of the 21<sup>st</sup> century
- ❖ Internationally, the growth rate of the elderly people is very high
- ❖ Globally, by 2050 the number of older persons 65+ is expected to reach nearly 2.1 billion
- ❖ New conditions and situations appear; new needs and norms are created
- ❖ Technological changes occur at extraordinary speeds
- ❖ Continuous adaptations to new conditions often become difficult but necessary

# Modern requirements and expectations

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- ❖ We live longer and we work longer
- ❖ The conventional three-stage model of the life course (education during childhood - work during adulthood – retirement during old age) is changing
- ❖ The notion of the Active Ageing has been introduced
- ❖ In an aging society lifelong learning processes become a challenge that may lead to a a more efficient and comfortable everyday life

# Link between population ageing and lifelong learning

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## Workforce Participation and Economic Sustainability

- Extended working lives
- Bridging skill gaps

## Cognitive Health and Well-being

- Cognitive stimulation
- Mental and social well-being

## Digital Inclusion

- Adapting to technology
- Preventing social exclusion

## Intergenerational Learning and Social Cohesion

- Knowledge sharing
- Lifelong learning communities

## Policy and Institutional Support

- Government initiatives
- Corporate training programs

# Benefits of lifelong learning in an ageing society

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## Enhanced Employability & Career Longevity

- Staying relevant in rapidly evolving job markets.
- Upskilling and reskilling enable career transitions

## Cognitive Health & Mental Agility

- Reducing the risk of cognitive decline
- Engaging in intellectual activities

## Social Connectivity & Inclusion

- Helping adults stay connected with younger generations
- Reducing social isolation and loneliness

## Personal Fulfillment & Well-being

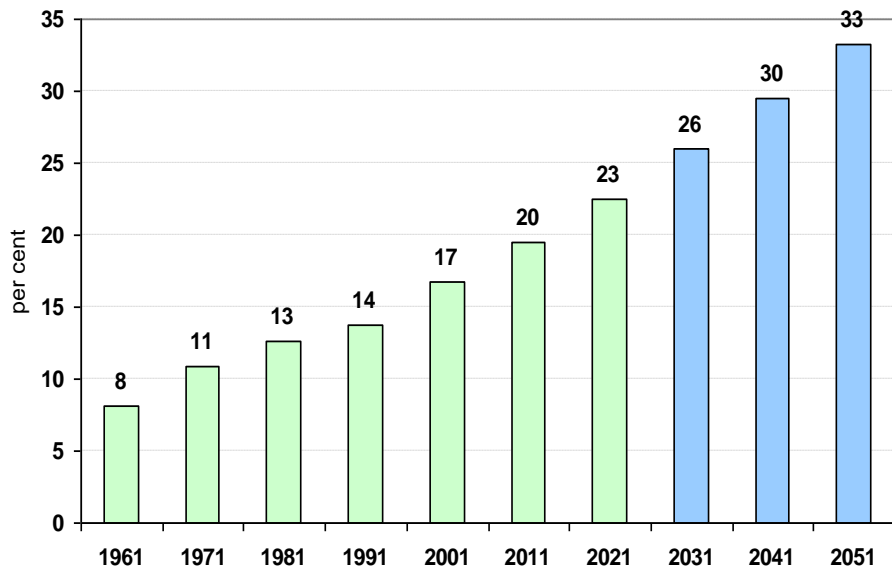
- Sense of purpose and personal achievement
- Contribution to emotional well-being

## Civic Engagement & Active Aging

- Engaging people in community activities
- Contribution to a knowledge-driven society

# The aging process in Greece: observed and projected

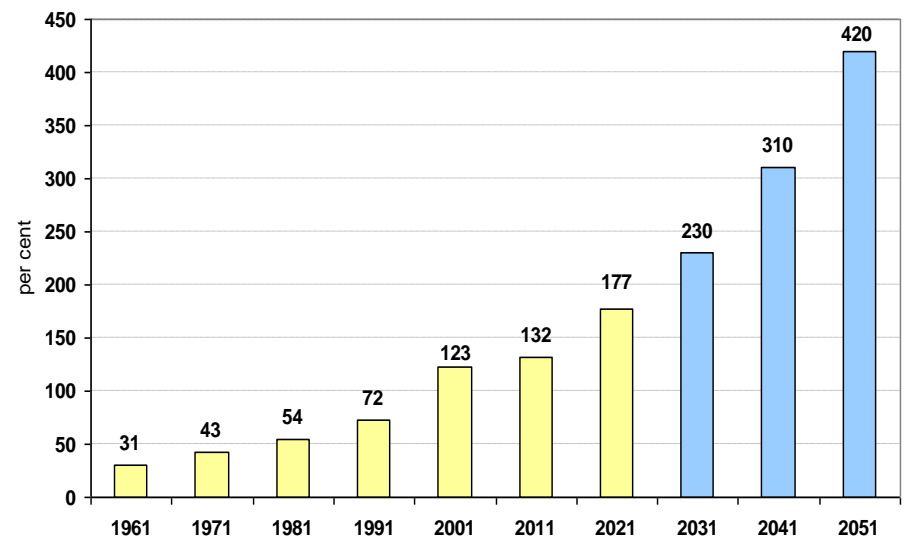
Population aged 65+ (%): Greece 1961-2051



$$\frac{P_{65+}}{P_{0-14}} \cdot 100$$

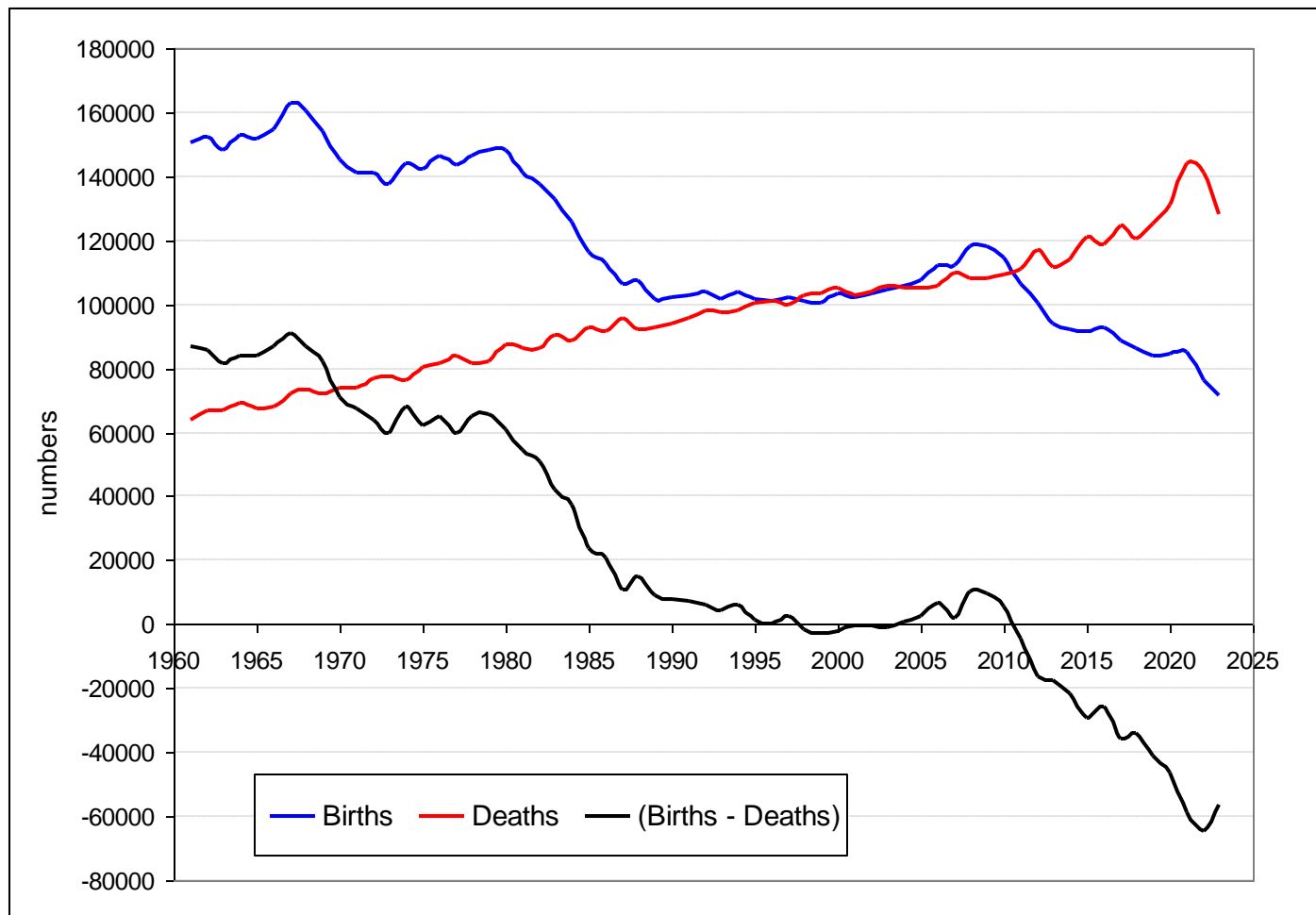
$$\frac{P_{65+}}{P_{(total)}} \cdot 100$$

Index of population aging: Greece 1961-2051

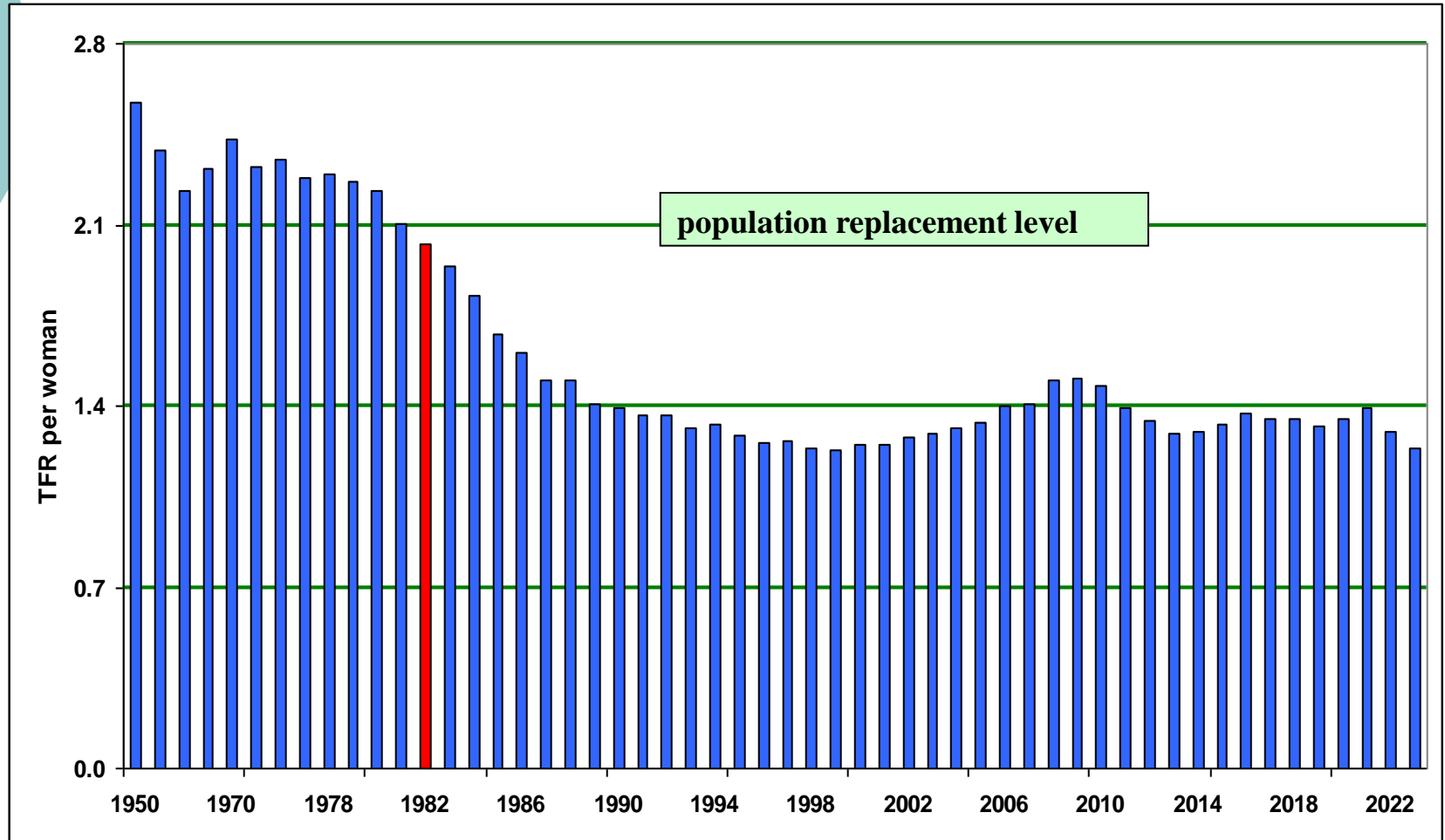




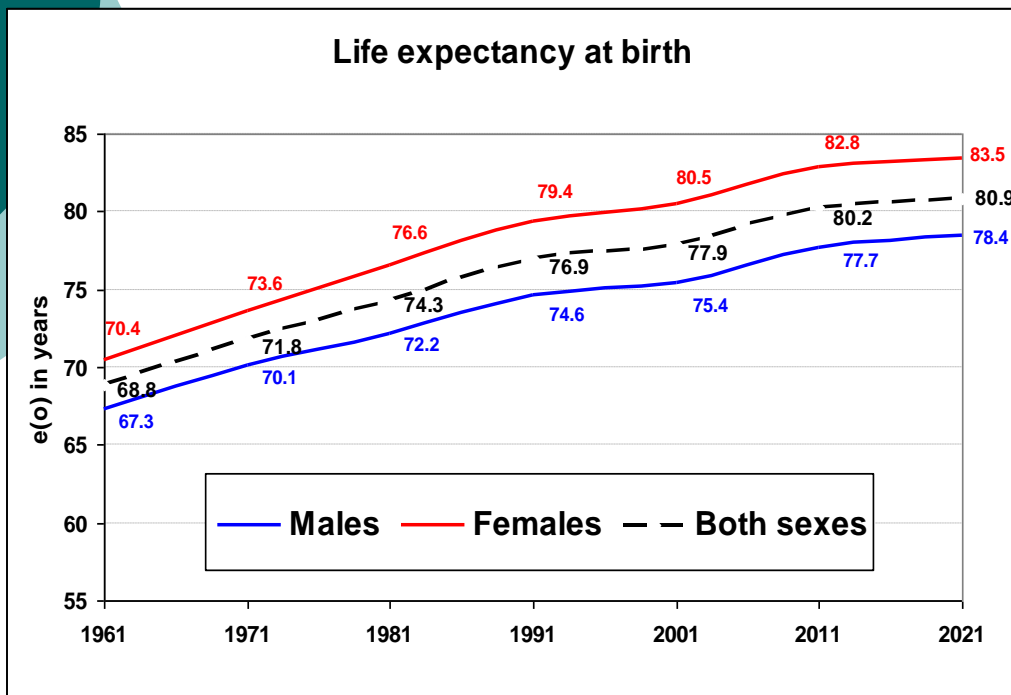
# Vital statistics: Greece 1961-2023



# Total Fertility Rates (TFR): Greece 1961-2023

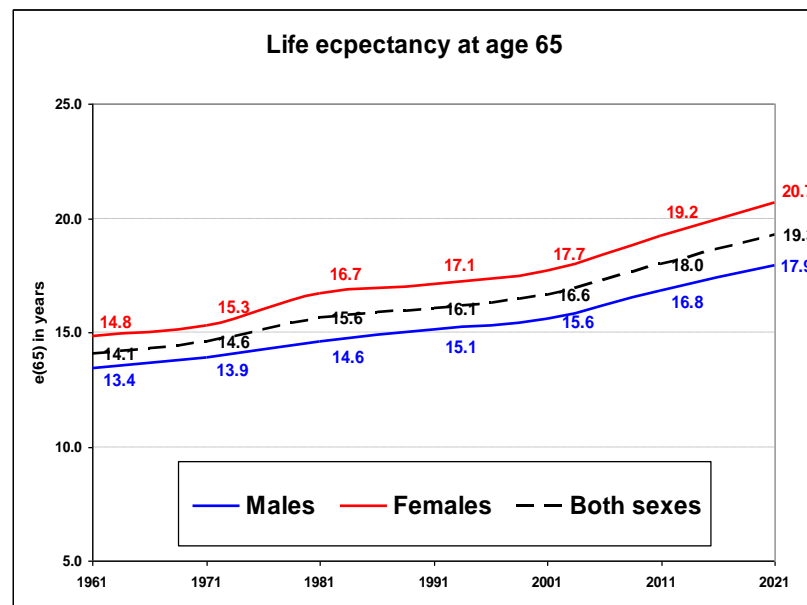


# Life expectancy (selected ages): Greece 1961-2021



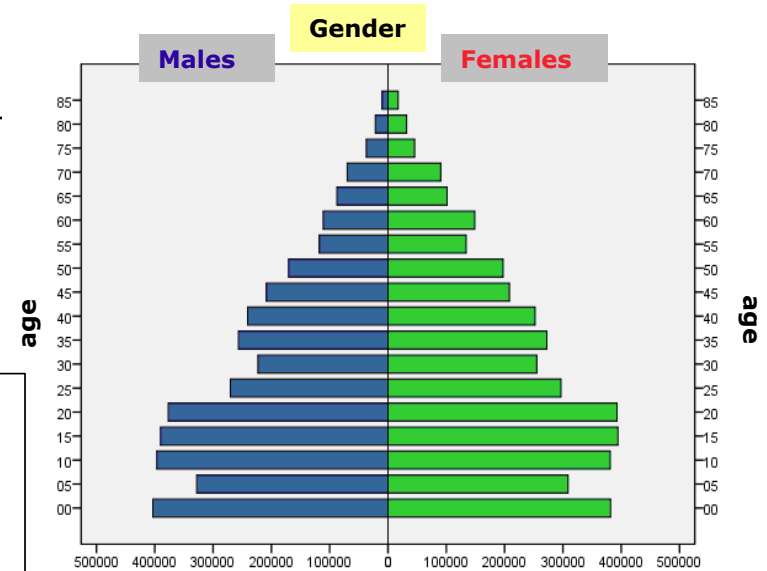
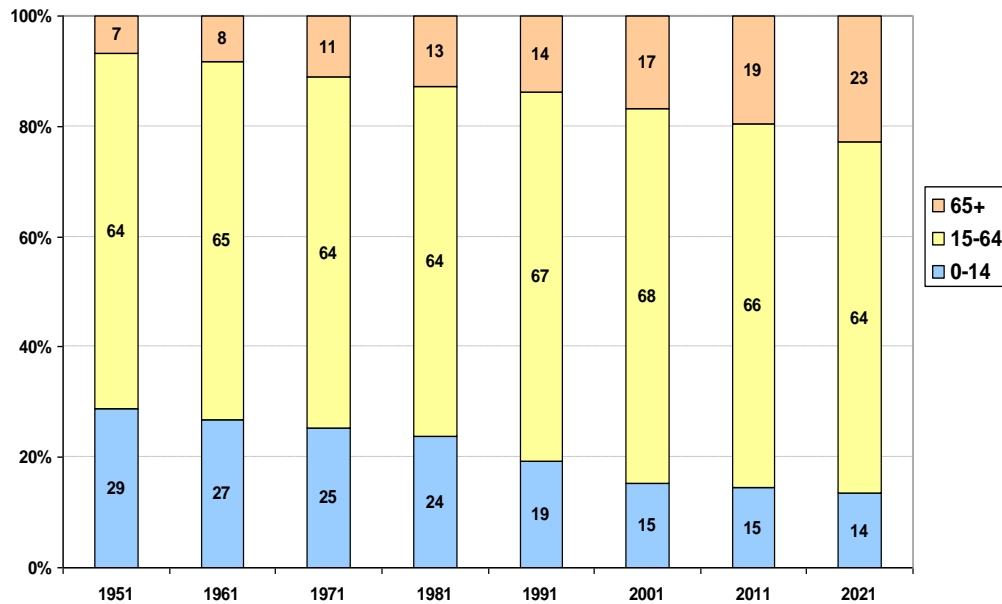
| Change in e(65) 1961-2021 |     |
|---------------------------|-----|
| Males                     | 4.5 |
| Females                   | 5.9 |
| Both sexes                | 5.2 |

| Change in e(0) 1961-2021 |      |
|--------------------------|------|
| Males                    | 11.1 |
| Females                  | 13.0 |
| Both sexes               | 12.1 |

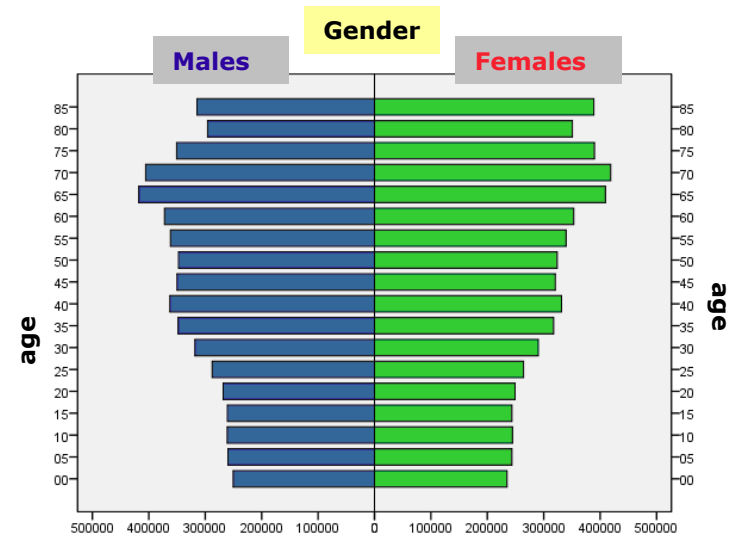


# Population pyramids and age composition: Greece

Percentage population distribution by broad age groups: Greece 1951-2021

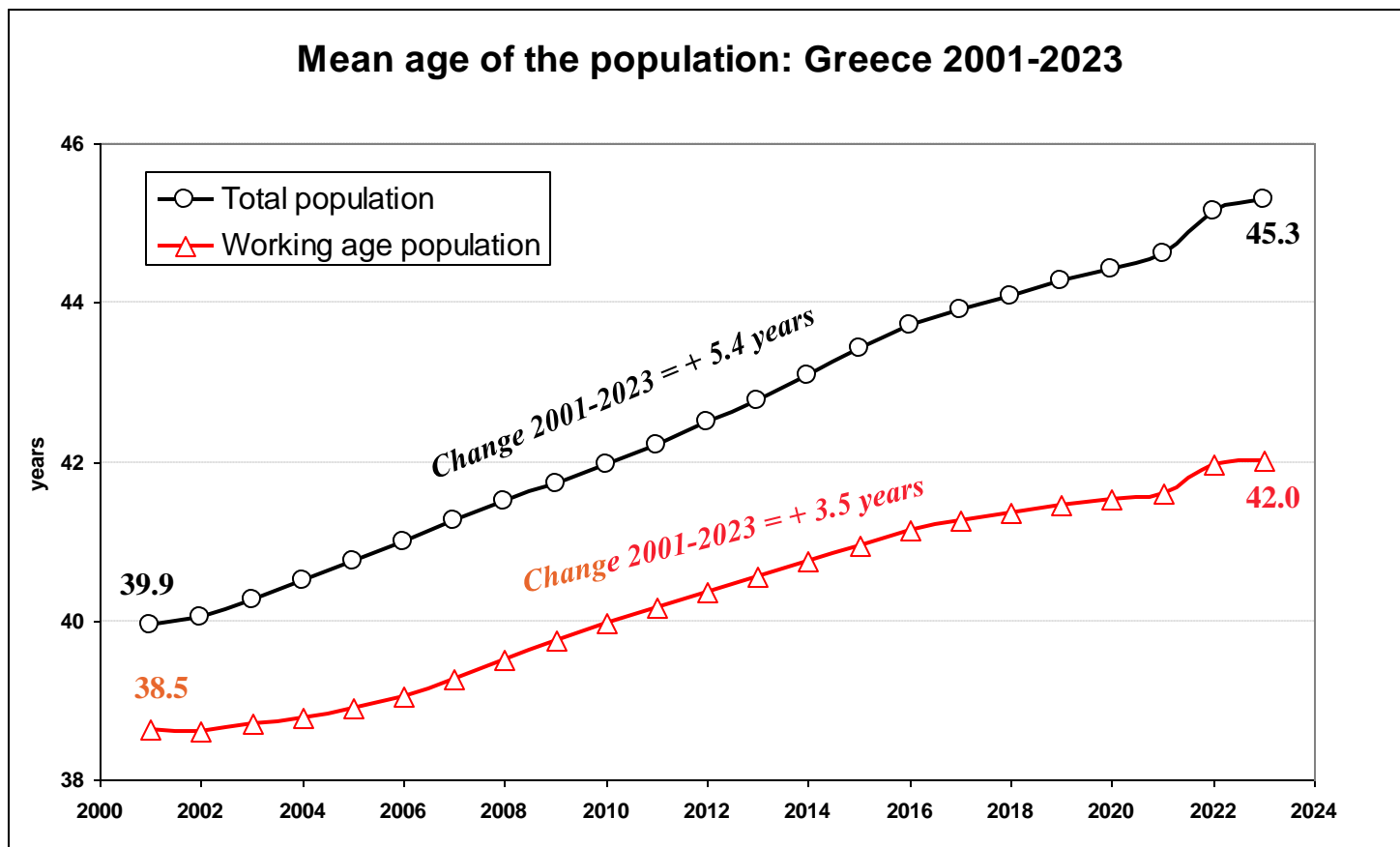


Census 1951



Projected 2051

# Aging of the total and the working age population



## *Ad hoc surveys carried out by ELSTAT*

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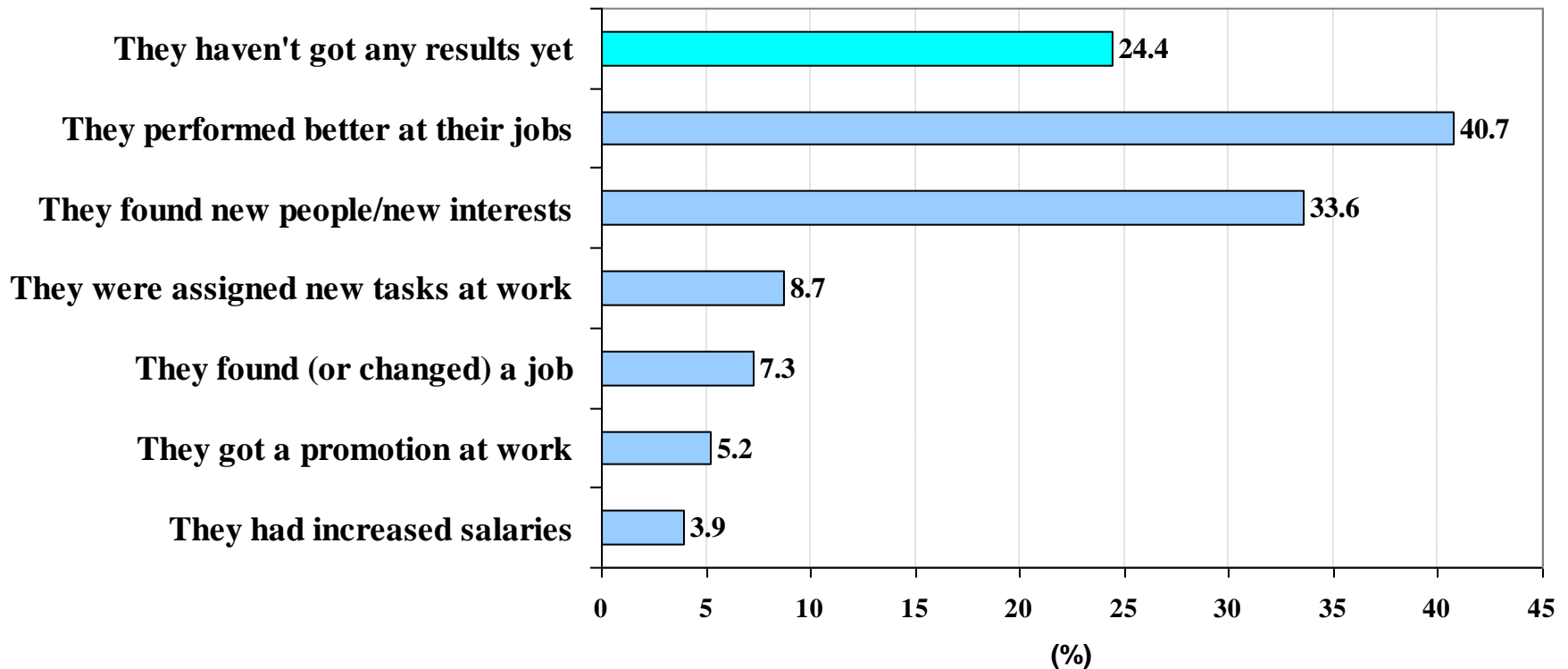
25 sampling surveys since 2000

- ❖ Youth and adult education: 3
  - ❖ Labour market: 16
  - ❖ Health issues and accidents: 2
  - ❖ Longlife education: 1 (2003)
  - ❖ Combining work and family: 3
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- PDF & EXCEL files available on line:  
<https://www.statistics.gr/el/statistics/pop>

# ELSTAT: 2022 Adult Education Research (target population: men and women aged 18-69)

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**Outcomes resulted from participation in various educational**



# Barriers to Lifelong Learning in an Ageing Society

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- ❖ Financial constraints
- ❖ Technological difficulties
- ❖ Societal perceptions
- ❖ Health related challenges
- ❖ Lack of tailored learning programs
- ❖ Psychological barriers



# Insights: addressing challenges and possible interventions

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- ❖ Government & Corporate Support
- ❖ Technological Inclusion Initiatives
- ❖ Flexible learning models
- ❖ Intergenerational learning models
- ❖ Social and cultural awareness



## Pathway to future research

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- ❖ Exploration and better utilization of official research surveys (ELSTAT) for policy purposes
- ❖ Continuation and enrichment of state support with implementation of relevant programs
- ❖ Encourage researchers and organizations to carry out studies and relevant initiatives
- ❖ Investigating possibilities for employing in statistical analysis comparative microdata at national and European level (e.g. SHARE or other relevant programs)



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**Thank you for your attention**