

20-22 SETTEMBRE 2023

BARI | VILLA ROMANAZZI CARDUCCI

**7° Forum
Mediterraneo
2023 in Sanità®**



2021 Ageing Report: Ageing populations and fiscal sustainability

0

The Ageing Report



Ageing Report is published every three years

- Joint report of European Commission and Economic Policy Committee, prepared within the Ageing Working Group
- 7th edition published on 07/05/2021
- 2 volumes: [assumptions & methodology](#) and actual [projections](#)
- [ECOFIN council conclusions](#)
- Long-term projections (2019-2070) for EU Member States + Norway
- Baseline projections + several alternative scenarios
- Results feed into fiscal sustainability analysis



Covering four large spending categories



pensions
11.6% of GDP*



healthcare
6.6% of GDP



long-term care
1.7% of GDP



education
4.1% of GDP

* avg EU spending in 2019



20-22 SETTEMBRE 2023

BARI | VILLA ROMANAZZI CARDUCCI

**7° Forum
Mediterraneo
2023 in Sanità®**

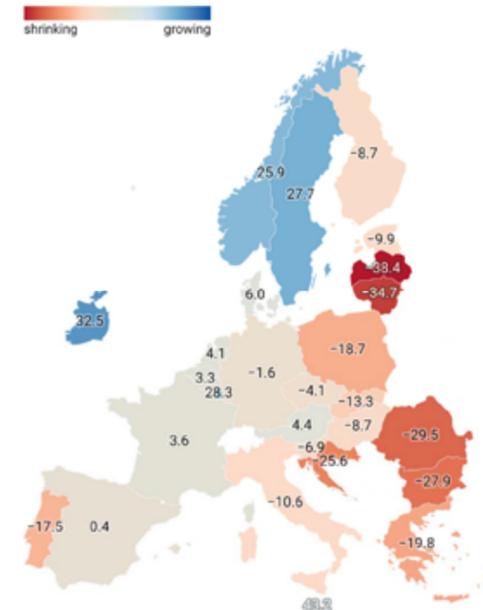
1

Demographic and macroeconomic assumptions

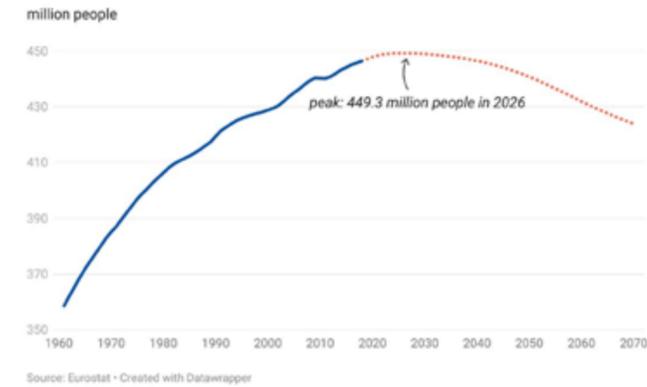


Population to grow in some MS, to shrink in other...

Change in total population 2019-2070 (%)

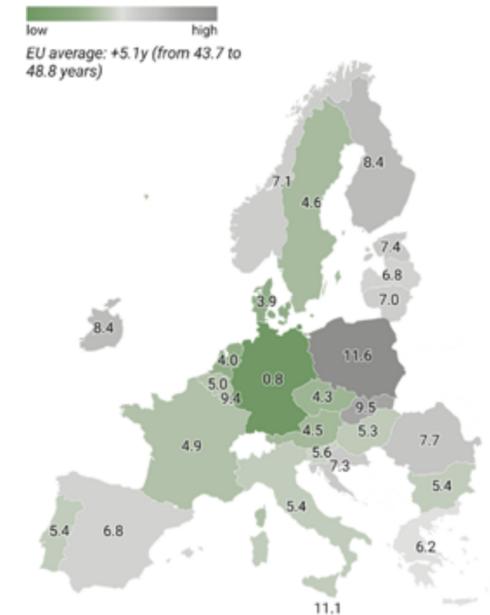


Total population 1960-2070 (EU)

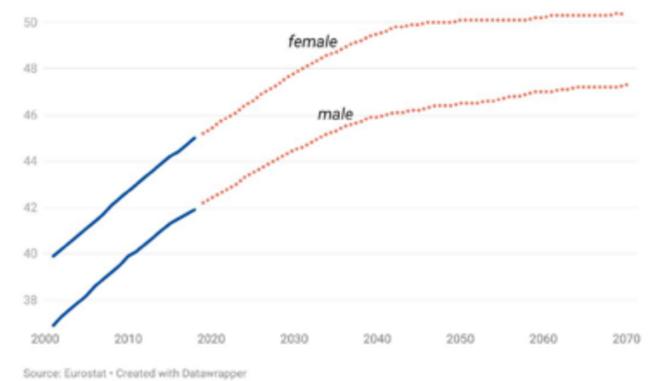


...but to age in all

Change in median age 2019-2070

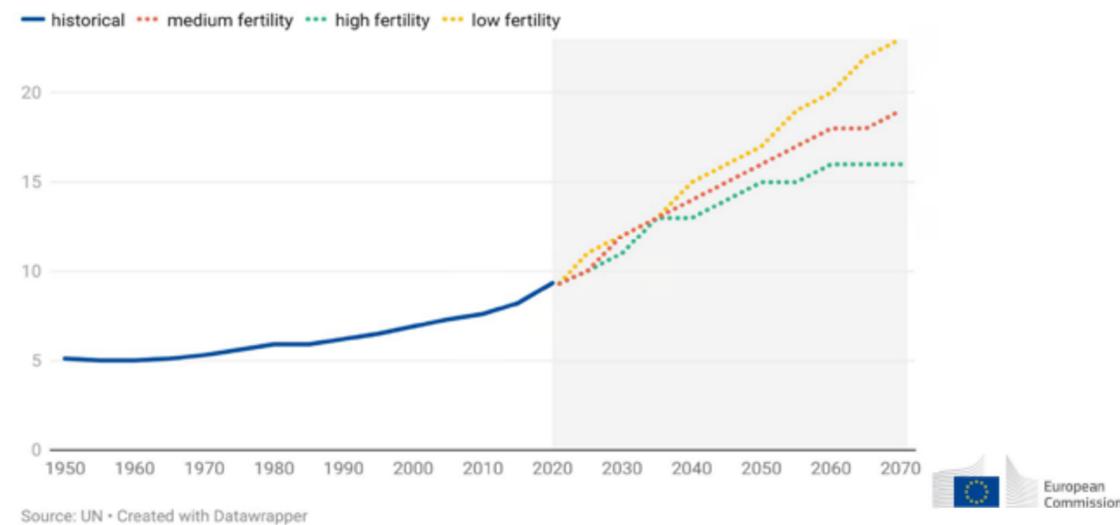


Median age (EU)



Population ageing is a global phenomenon

Share of 60+ in world population



9

Drivers behind overall ageing of EU population

EU	1960	1980	2000	2020	2040	2070
Fertility rate (#live births/woman)	2.6	1.9	1.5	1.5	1.6	1.7
Life expectancy at birth - M	66.4	69.5	73.8	78.7	82.0	86.1
Life expectancy at birth - F	71.8	76.3	80.4	84.2	86.9	90.3
Net migration (% population)	0.0%	0.1%	0.2%	0.3%	0.2%	0.2%

Source: Eurostat, UN

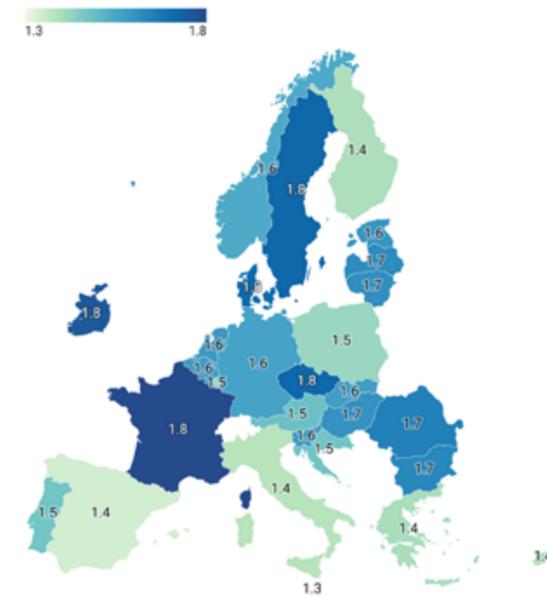
- Fertility rates assumed to rise slowly, from low levels;
- Continuation of steady gains in life expectancy;
- Positive net migration in most countries.



Birth rates have recovered, somewhat

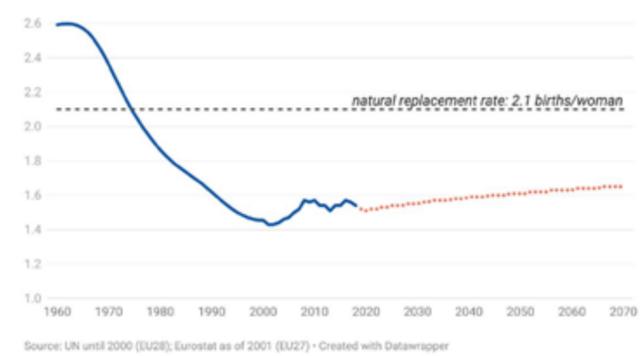
Average fertility rate 2019-2070

number of live births per woman



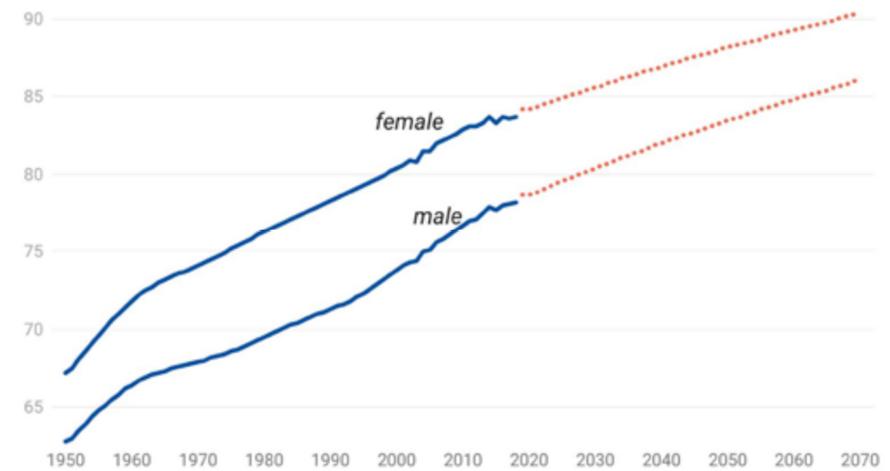
Total fertility rate (EU)

number of live births per woman



Continuous rise in life expectancy

Life expectancy at birth (EU)

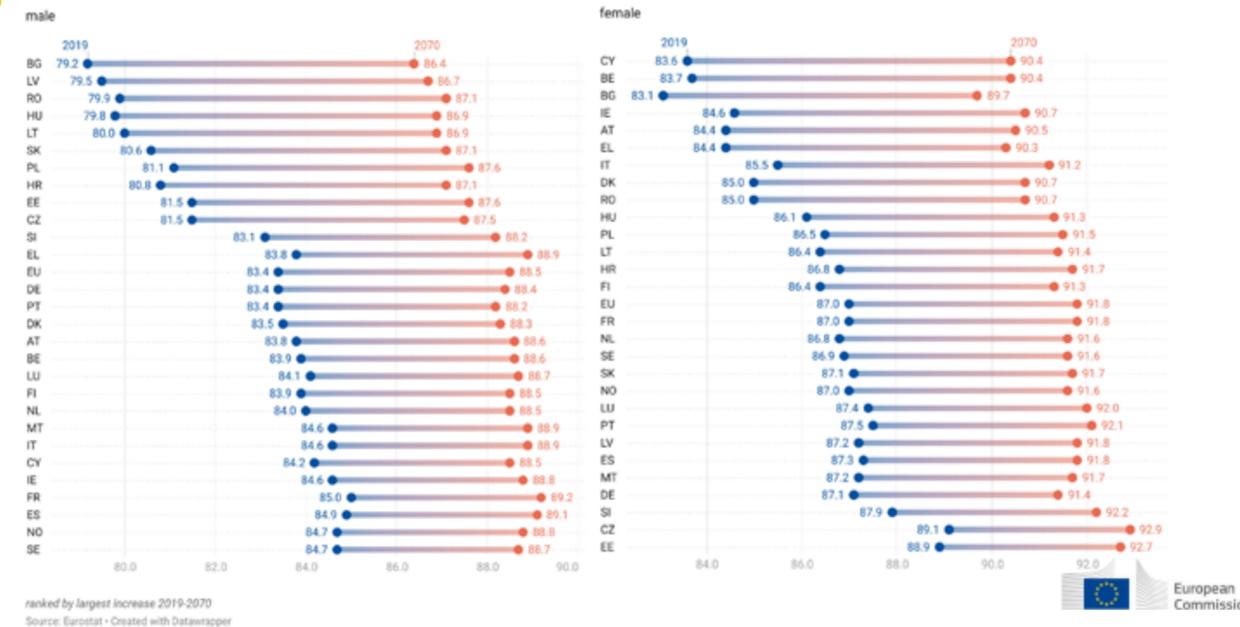


Source: UN until 2000 (EU28); Eurostat as of 2001 (EU27) - Created with Datawrapper



Assuming upward convergence

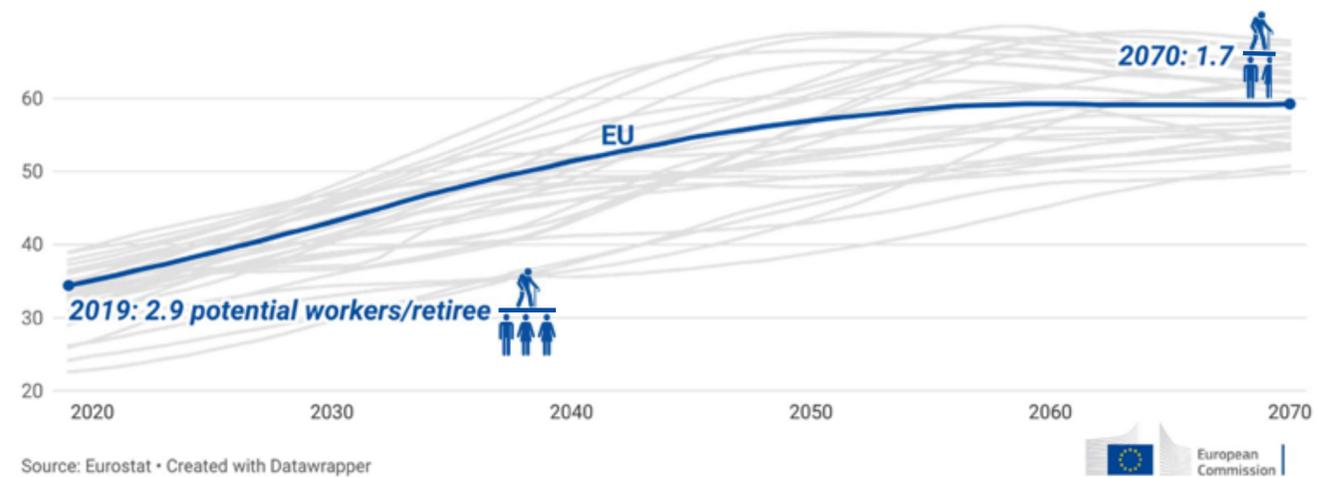
Life expectancy at 65



The result: a profound demographic shift

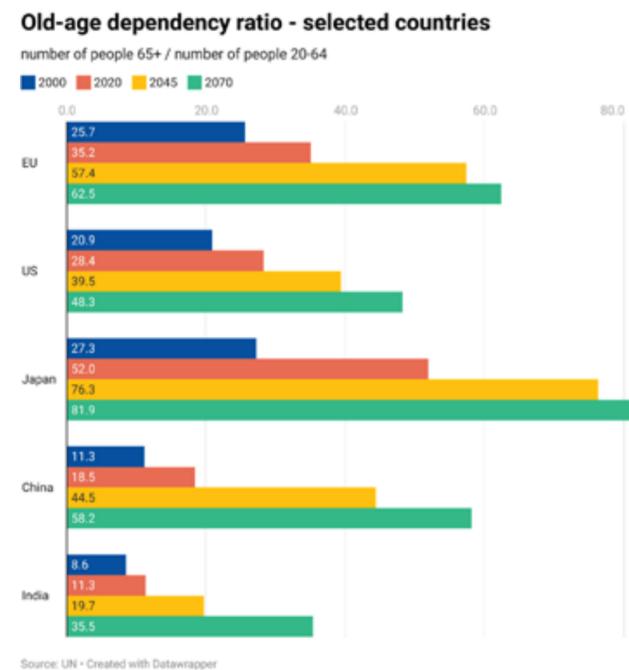
Old-age dependency ratio (%)

number of people 65+ / number of people 20-64



17

Ageing process is already advanced in the EU



Policy implications

- A population that is on average older
 - has different needs: healthcare, long-term care;
 - behaves differently: work less (labour ↓), save less (capital ↓), consumption pattern, housing preferences;
 - puts pressure on sustainability of pay-as-you-go pension systems.

20-22 SETTEMBRE 2023

BARI | VILLA ROMANAZZI CARDUCCI

**7° Forum
Mediterraneo
2023 in Sanità®**

2

Long-term budgetary projections



For reminder: coverage of Ageing Report



pensions
11.6% of GDP*



healthcare
6.6% of GDP



long-term care
1.7% of GDP



education
4.1% of GDP

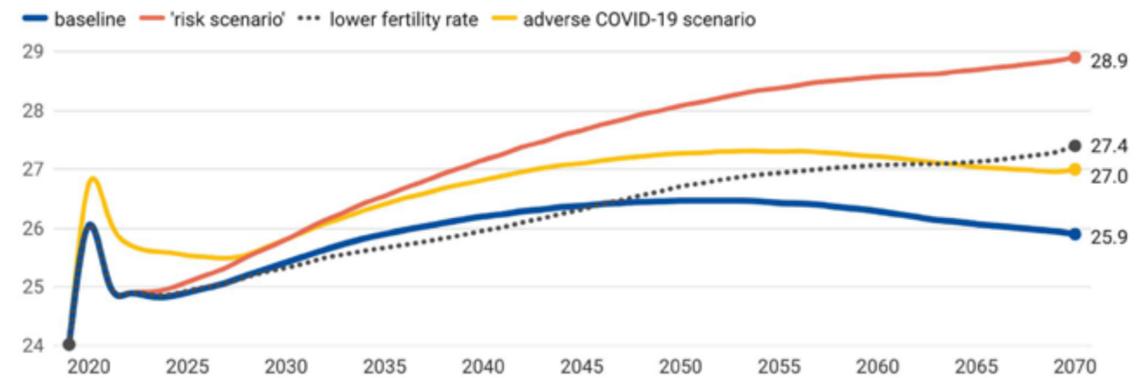
* avg EU spending in 2019

26



Rise in age-related expenditure

Total cost of ageing (%GDP) - EU



The 'risk scenario' captures the impact of non-demographic factors on healthcare and long-term care expenditure. It assumes a partial continuation of upward healthcare expenditure trends, notably due to technological progress, and an upward convergence of coverage and costs of long-term care towards the EU average. It does not affect the pension and education projections.

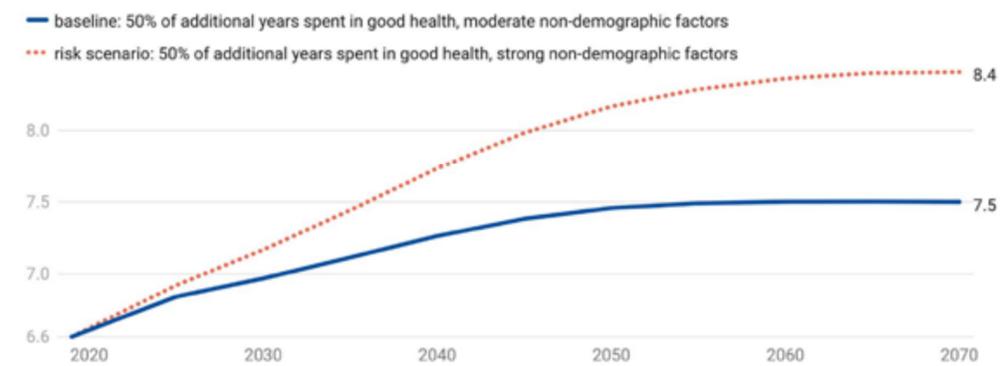
Source: 2021 Ageing Report • Created with Datawrapper



Projections are subject to uncertainty

Healthcare: baseline versus risk scenario - EU

% of GDP

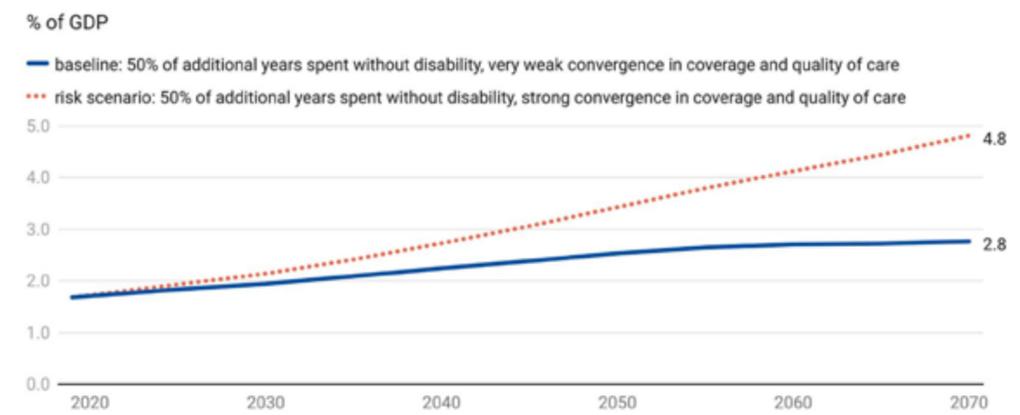


Source: 2021 Ageing Report - Created with Datawrapper



Again, with uncertainty

Long-term care: baseline versus risk scenario - EU



Source: 2021 Ageing Report - Created with Datawrapper



3

Conclusions

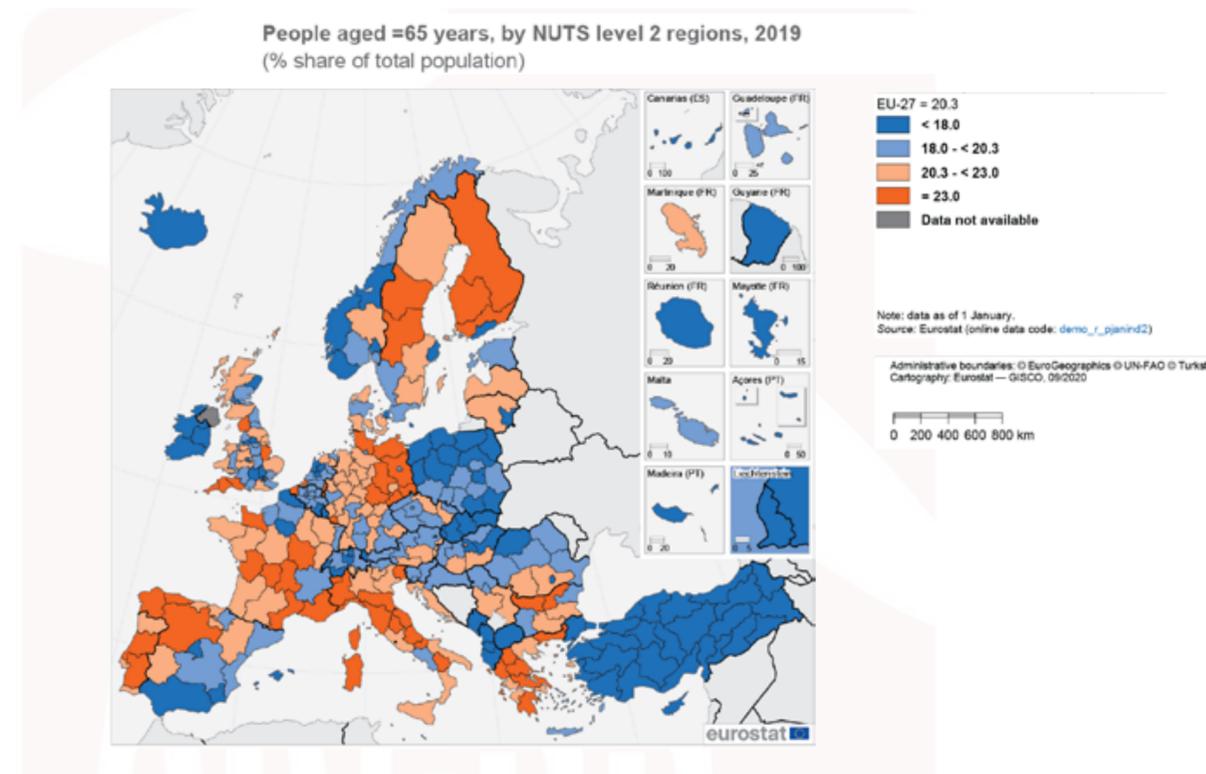


Concluding remarks

- The Ageing Report highlights fiscal-structural challenges for social security systems over the medium-long term on a comparable basis across the EU;
- Economic and fiscal challenges posed by population ageing are manageable if the right policies are put in place;
- Policies need to be geared towards modernising welfare systems, including increasing employment and labour productivity, as ageing weighs on the growth potential;
- Need for a differentiation of fiscal-structural policies, to tailor the policy recommendations to each country-specific situation so that their welfare systems are apt for the future.

41





Delitti in materia di violazione del diritto d'autore (Art. 25-novies, D.Lgs. n. 231/2001) [articolo aggiunto dalla L. n. 99/2009]

- Messa a disposizione del pubblico, in un sistema di reti telematiche, mediante connessioni di qualsiasi genere, di un'opera dell'ingegno protetta, o di parte di essa (art. 171, legge n.633/1941 comma 1 lett. a) bis)
- Reati di cui al punto precedente commessi su opere altrui non destinate alla pubblicazione qualora ne risulti offeso l'onore o la reputazione (art. 171, legge n.633/1941 comma 3)
- Abusiva duplicazione, per trarne profitto, di programmi per elaboratore; importazione, distribuzione, vendita o detenzione a scopo commerciale o imprenditoriale o concessione in locazione di programmi contenuti in supporti non contrassegnati dalla SIAE; predisposizione di mezzi per rimuovere o eludere i dispositivi di protezione di programmi per elaboratori (art. 171-bis legge n.633/1941 comma 1)
- Riproduzione, trasferimento su altro supporto, distribuzione, comunicazione, presentazione o dimostrazione in pubblico, del contenuto di una banca dati; estrazione o reimpiego della banca dati; distribuzione, vendita o concessione in locazione di banche di dati (art. 171-bis legge n.633/1941 comma 2)
- Abusiva duplicazione, riproduzione, trasmissione o diffusione in pubblico con qualsiasi procedimento, in tutto o in parte, di opere dell'ingegno destinate al circuito televisivo, cinematografico, della vendita o del noleggio di dischi, nastri o supporti analoghi o ogni altro supporto contenente fonogrammi o videogrammi di opere musicali, cinematografiche o audiovisive assimilate o sequenze di immagini in movimento; opere letterarie, drammatiche, scientifiche o didattiche, musicali o drammatico musicali, multimediali, anche se inserite in opere collettive o composite o banche dati; riproduzione, duplicazione, trasmissione o diffusione abusiva, vendita o commercio, cessione a qualsiasi titolo o importazione abusiva di oltre cinquanta copie o esemplari di opere tutelate dal diritto d'autore e da diritti connessi; immissione in un sistema di reti telematiche, mediante connessioni di qualsiasi genere, di un'opera dell'ingegno protetta dal diritto d'autore, o parte di essa (art. 171-ter legge n.633/1941)
- Mancata comunicazione alla SIAE dei dati di identificazione dei supporti non soggetti al contrassegno o falsa dichiarazione (art. 171-septies legge n.633/1941)
- Fraudolenta produzione, vendita, importazione, promozione, installazione, modifica, utilizzo per uso pubblico e privato di apparati o parti di apparati atti alla decodificazione di trasmissioni audiovisive ad accesso condizionato effettuate via etere, via satellite, via cavo, in forma sia analogica sia digitale (art. 171-octies legge n.633/1941).

[Torna all'inizio](#)