

# Vieillissement et changement climatique. Les systèmes de soin à l'épreuve.

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Session 1 - Crise climatique, changements globaux et territoires*

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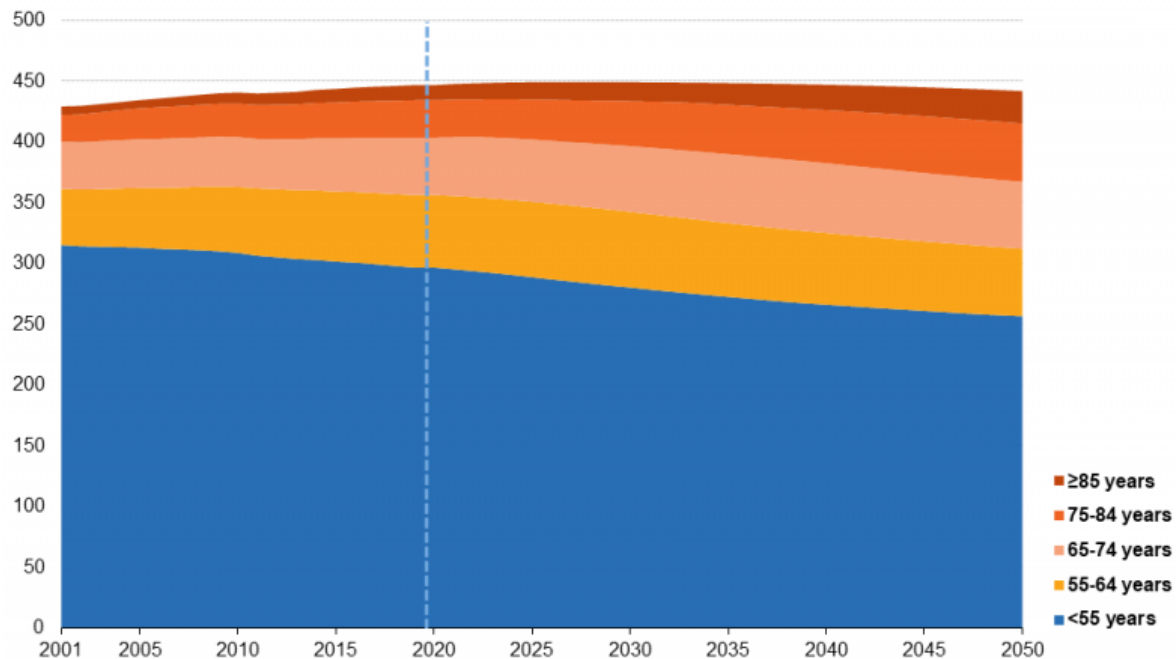
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# Tendances de long terme et accélération

Population developments, by age class, EU-27, 2001-2050

(million inhabitants)



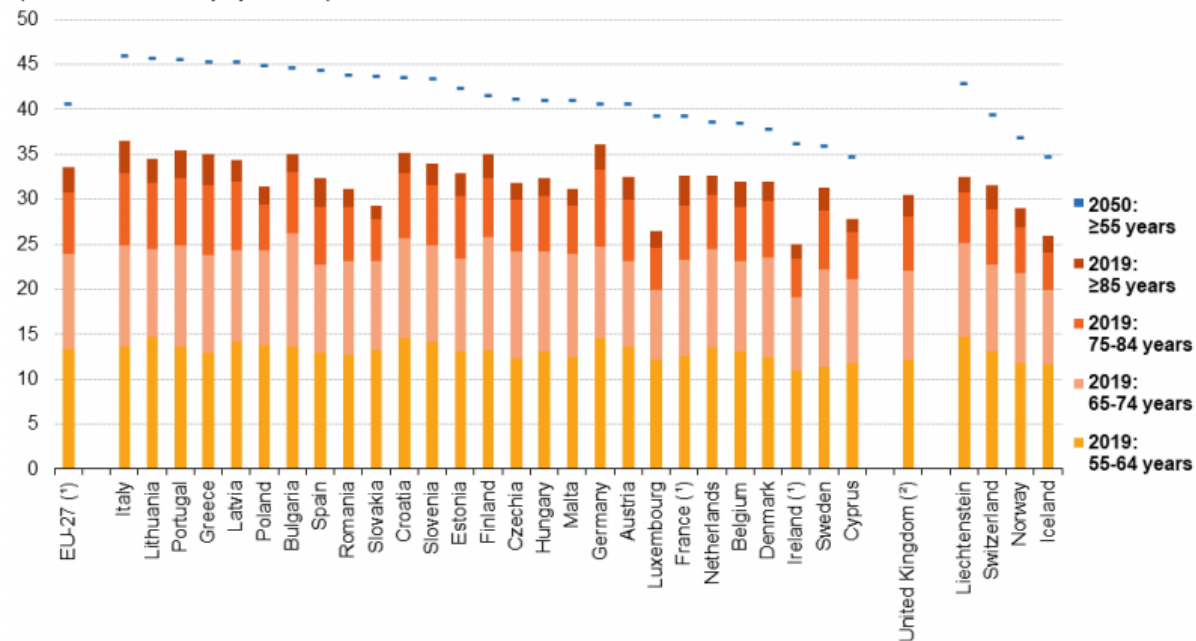
Note: all data as of 1 January. 2008, 2010-2012, 2014-2015 and 2017: breaks in series. 2019: provisional. 2020-2050: population according to the 2019 projections, baseline variant (EUROPOP2019). The vertical dotted line marks the divide between official historical data and EUROPOP2019 population projections.

Source: Eurostat (online data codes: demo\_pjangroup and proj\_19np)

eurostat

People aged ≥55 years, by age class, 2019 and 2050

(% share of total population)



Note: all data as of 1 January. Ranked on the projected share of people aged ≥55 years in the total number of inhabitants in 2050 (according to the 2019 projections, baseline variant (EUROPOP2019)).

(\*) Estimates and/or provisional.

(?) Population projections for 2050: not available.

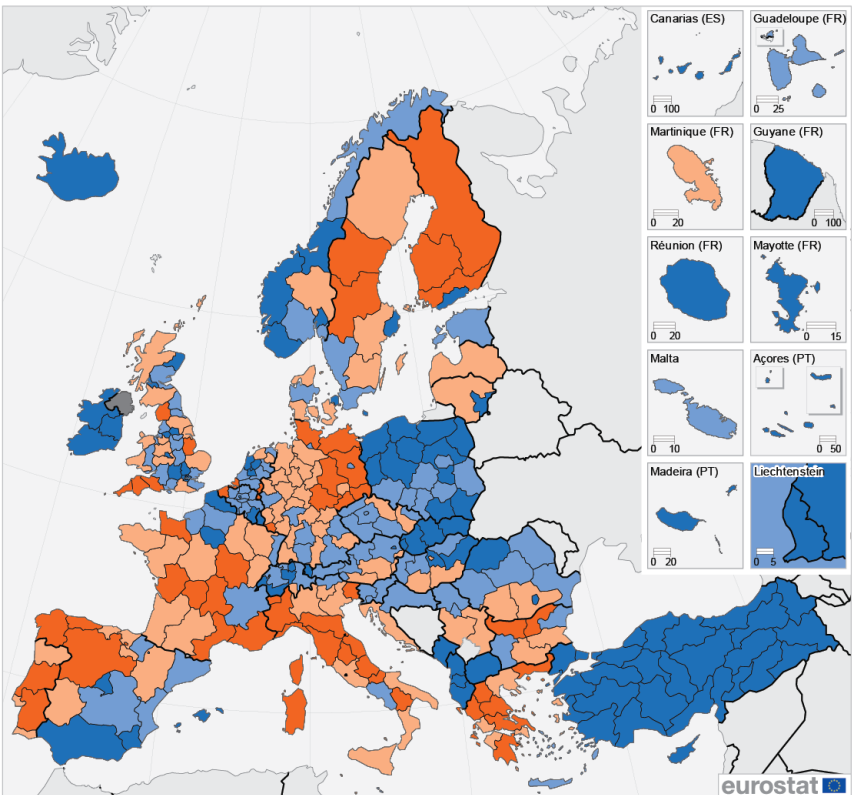
Source: Eurostat (online data codes: demo\_pjangroup and proj\_19np)

eurostat

- 65+: de 90,5 à 129,8 millions (+43,2%)
  - 65-74: +16,6%
  - 75-84: +56,1%
  - **85+: de 12,5 à 26,8 millions (+113,9%)**
- <55: -16%

# People aged ≥65 years, by NUTS level 2 regions, 2019

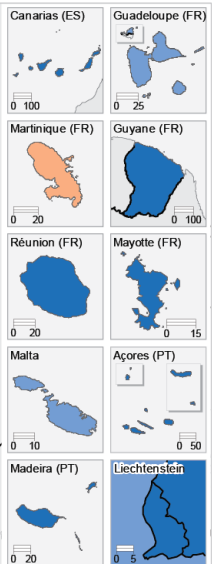
(% share of total population)



EU-27 = 20.3

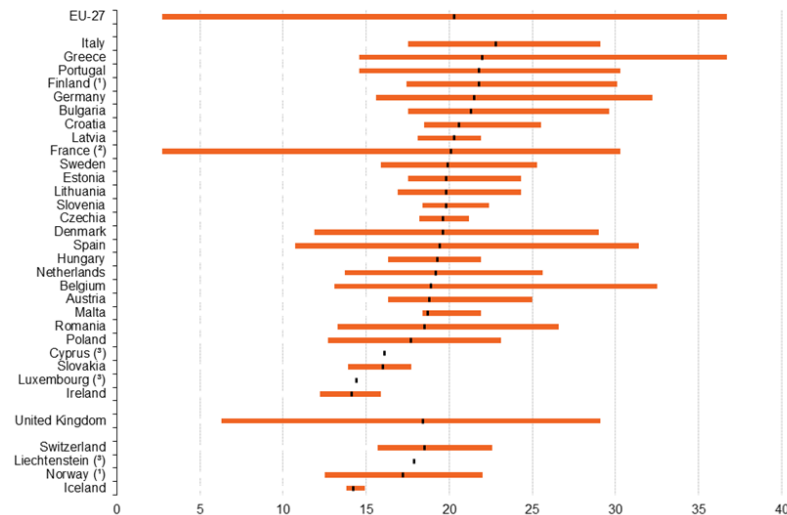
- < 18.0
- 18.0 - < 20.3
- 20.3 - < 23.0
- = 23.0
- Data not available

Administrative boundaries: © EuroGeographics © UN-FAO © Turkstat  
Cartography: Eurostat — GISCO, 09/2020



## Range of NUTS level 3 regions with the highest and lowest shares of people aged ≥65 years, 2019

(% share of total population)

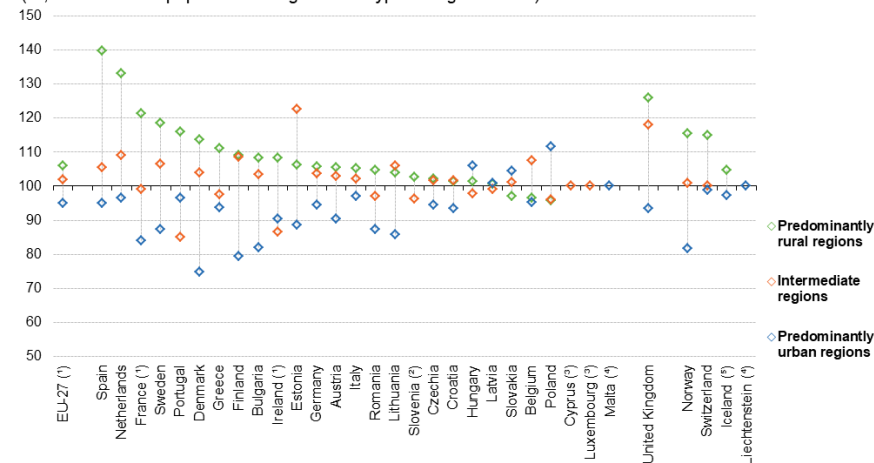


Note: the figure has a bar for each country that shows the range from the region with the lowest share to the region with the highest share; the vertical line inside each bar denotes the national average (mean). All data as of 1 January.

(<sup>1</sup>) Data are not available for all regions.  
(<sup>2</sup>) Provisional.  
(<sup>3</sup>) No regional breakdown for level 3 regions.  
Source: Eurostat (online data code: demo\_r\_pjanind3)

## People aged ≥65 years, by urban-rural typology, 2019

(% share of total population living in each type of region = 100)



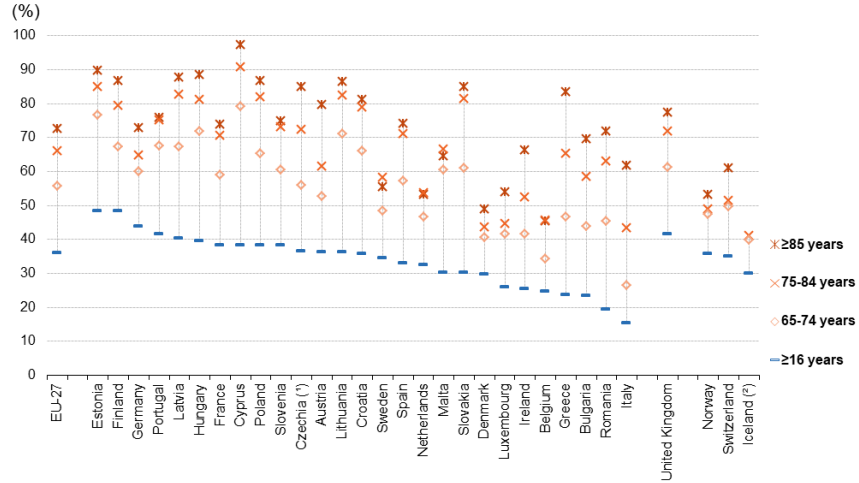
Note: the indicator is calculated as the share of older people (aged ≥65 years) living in different types of regions (predominantly urban, intermediate and predominantly rural), divided by the same share for the total population, expressed as a percentage.

(<sup>1</sup>) Estimates and/or provisional.  
(<sup>2</sup>) Predominantly urban regions: not applicable.  
(<sup>3</sup>) Predominantly urban and predominantly rural regions: not applicable.  
(<sup>4</sup>) Intermediate and predominantly rural regions: not applicable.  
(<sup>5</sup>) Intermediate regions: not applicable.  
Source: Eurostat (online data code: urt\_pjaningp3)

Note: data as of 1 January.  
Source: Eurostat (online data code: demo\_r\_pjanind2)



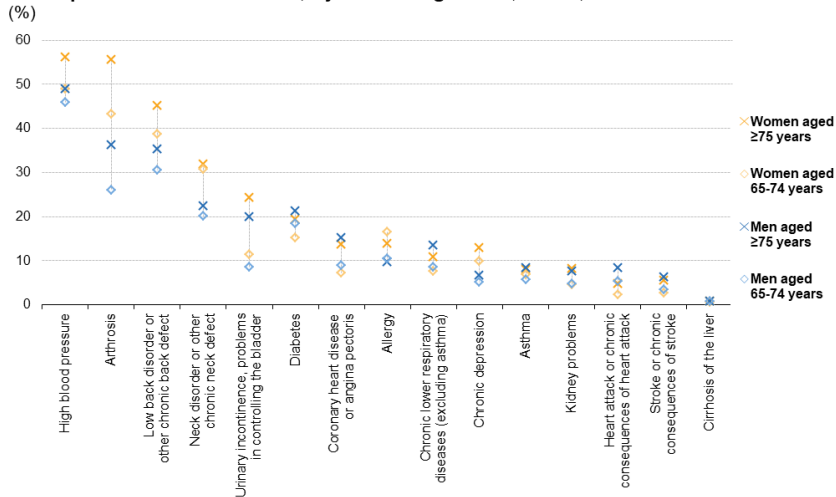
### Self-reported long-standing illnesses or health problems, by age class, 2018



(\*) Low reliability.  
 (†) 2017. People aged ≥85 years: not available.  
 Source: Eurostat (online data code: hlth\_sic\_04)

eurostat

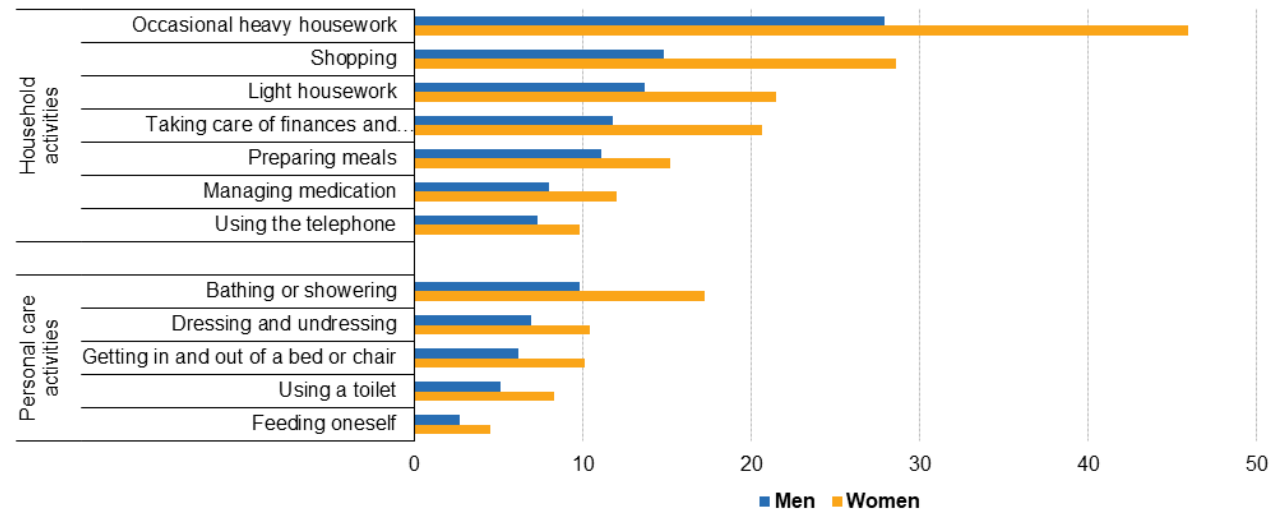
### Self-reported chronic diseases, by sex and age class, EU-27, 2014



Note: the figure is ranked on the average incidence of each disease for the population (both sexes) aged ≥75 years.  
 Source: Eurostat (online data code: hlth\_ehis\_cd1e)

eurostat

### Self-reported severe difficulties for household and personal care activities among people aged ≥75 years, by sex, EU-27, 2014

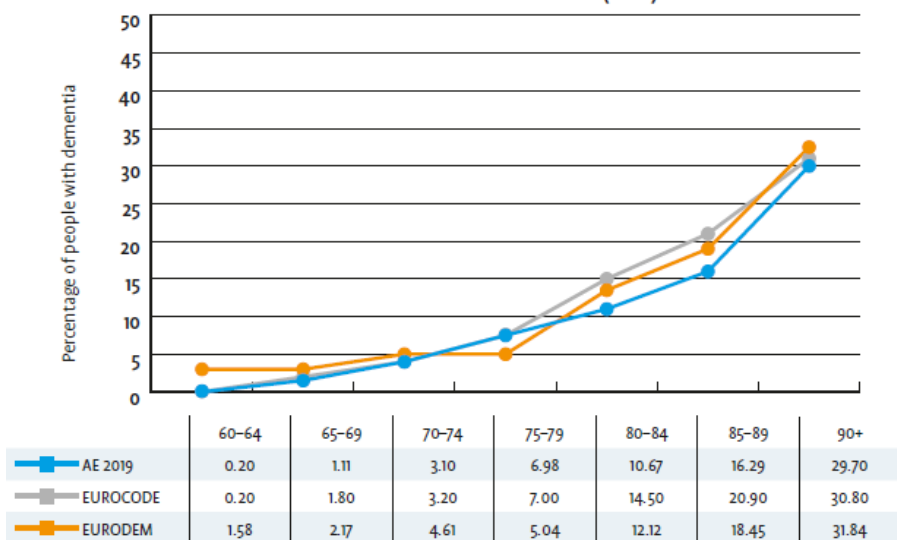


Note: the figure is ranked on the share of the population (both sexes) aged ≥75 years reporting severe difficulties for each activity.

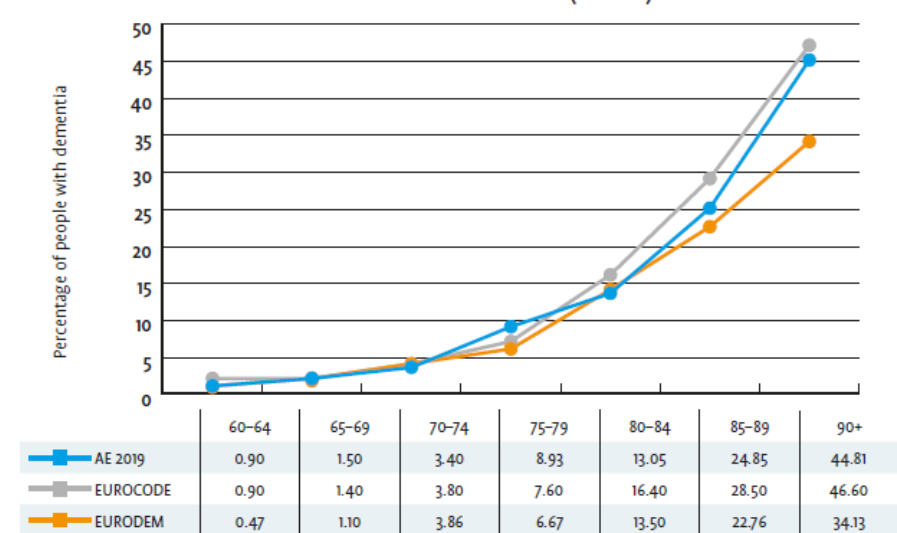
Source: Eurostat (online data codes: hlth\_ehis\_ha1e and hlth\_ehis\_pc1e)

eurostat

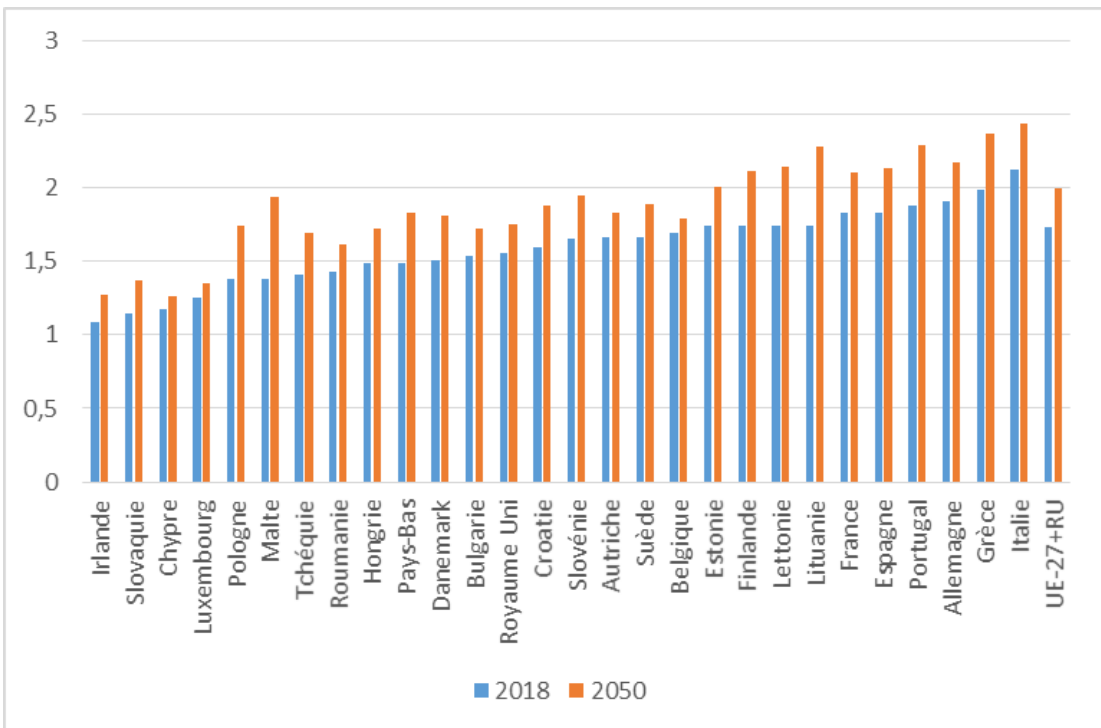
Prevalence dementia (men)



Prevalence dementia (women)



Prévalence de la démence - % population – 2018-2050



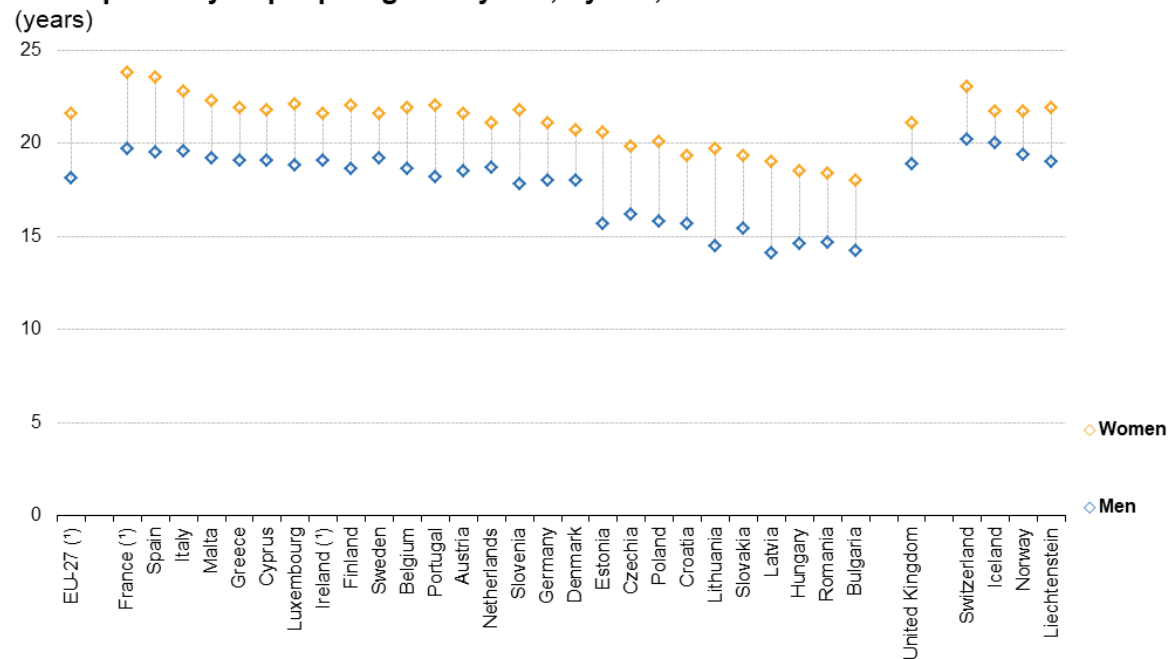
Personnes avec démence - 2018-2050

	2019	2050
<b>UE-27+RU</b>	<b>8.885.101</b>	<b>10.283.905</b>
<i>Espagne</i>	<i>852.741</i>	<i>992.267</i>
<i>Royaume Uni</i>	<i>1.031.396</i>	<i>1.210.525</i>
<i>France</i>	<i>1.227.558</i>	<i>1.389.666</i>
<i>Italie</i>	<i>1.279.366</i>	<i>1.460.570</i>
<i>Allemagne</i>	<i>1.585.166</i>	<i>1.814.342</i>



# La longue durée: esperance de vie

Life expectancy of people aged 65 years, by sex, 2018

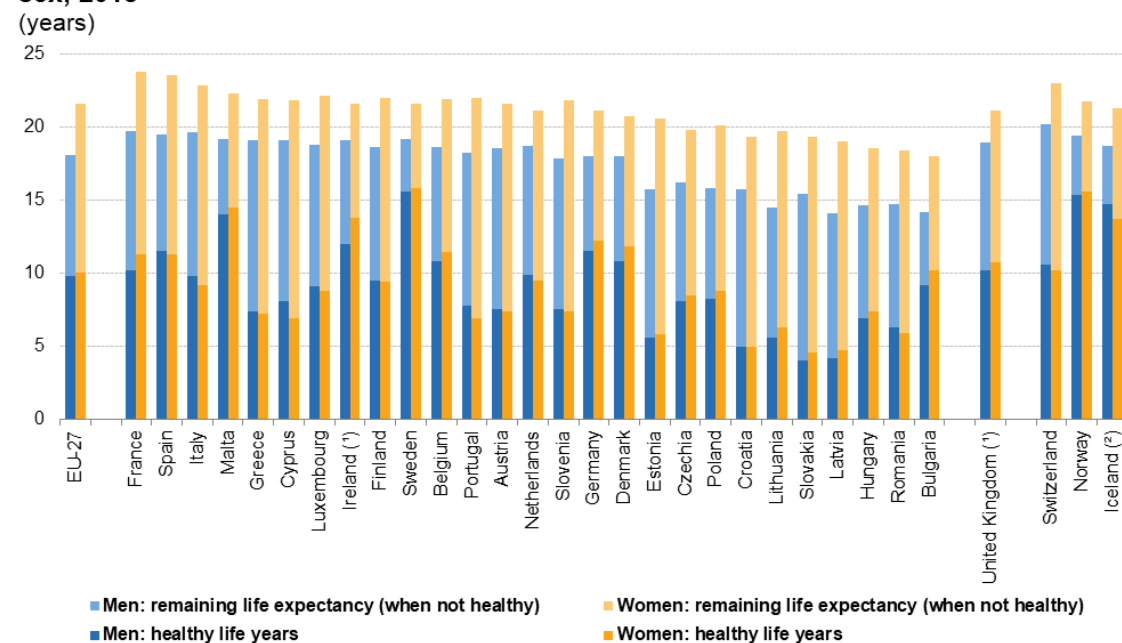


Note: the figure is ranked on average (both sexes) life expectancy at 65 years.  
(\*) Estimates or provisional.

Source: Eurostat (online data code: demo\_mlifetable)

eurostat

Life expectancy and healthy life years of people aged 65 years, by sex, 2018



Note: the figure is ranked on average (both sexes) life expectancy at 65 years.

(\*) Provisional.

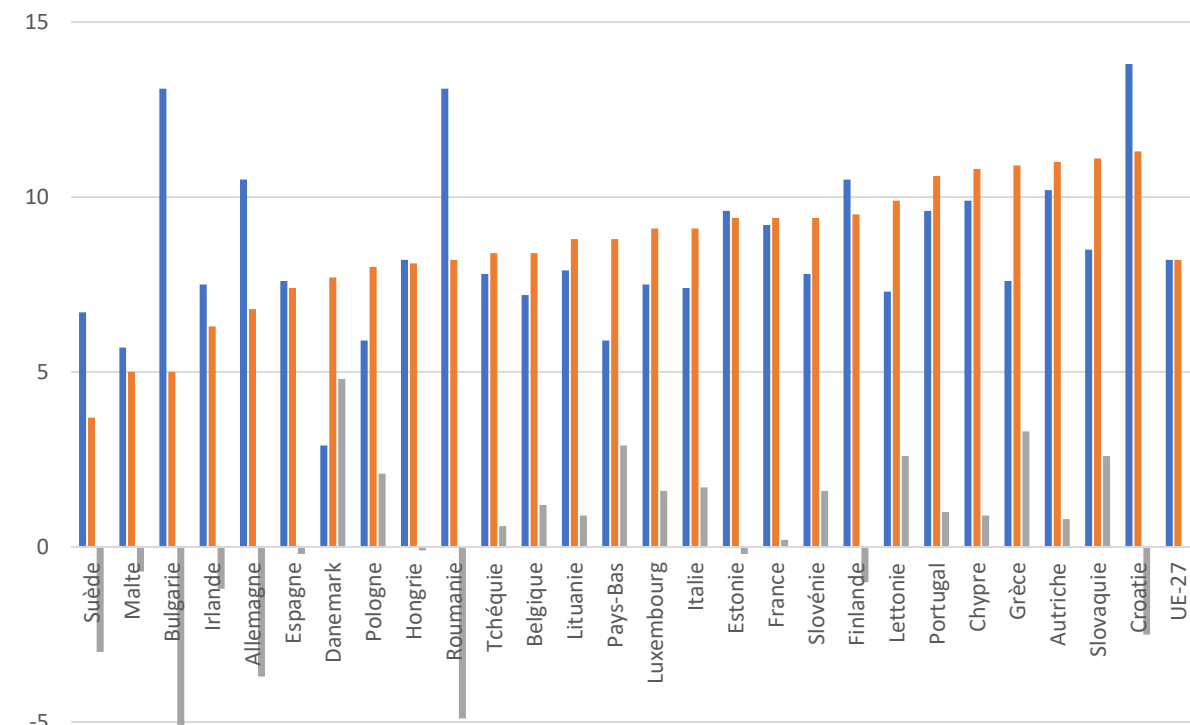
(\*) 2016.

Source: Eurostat (online data code: hlth\_hlye)

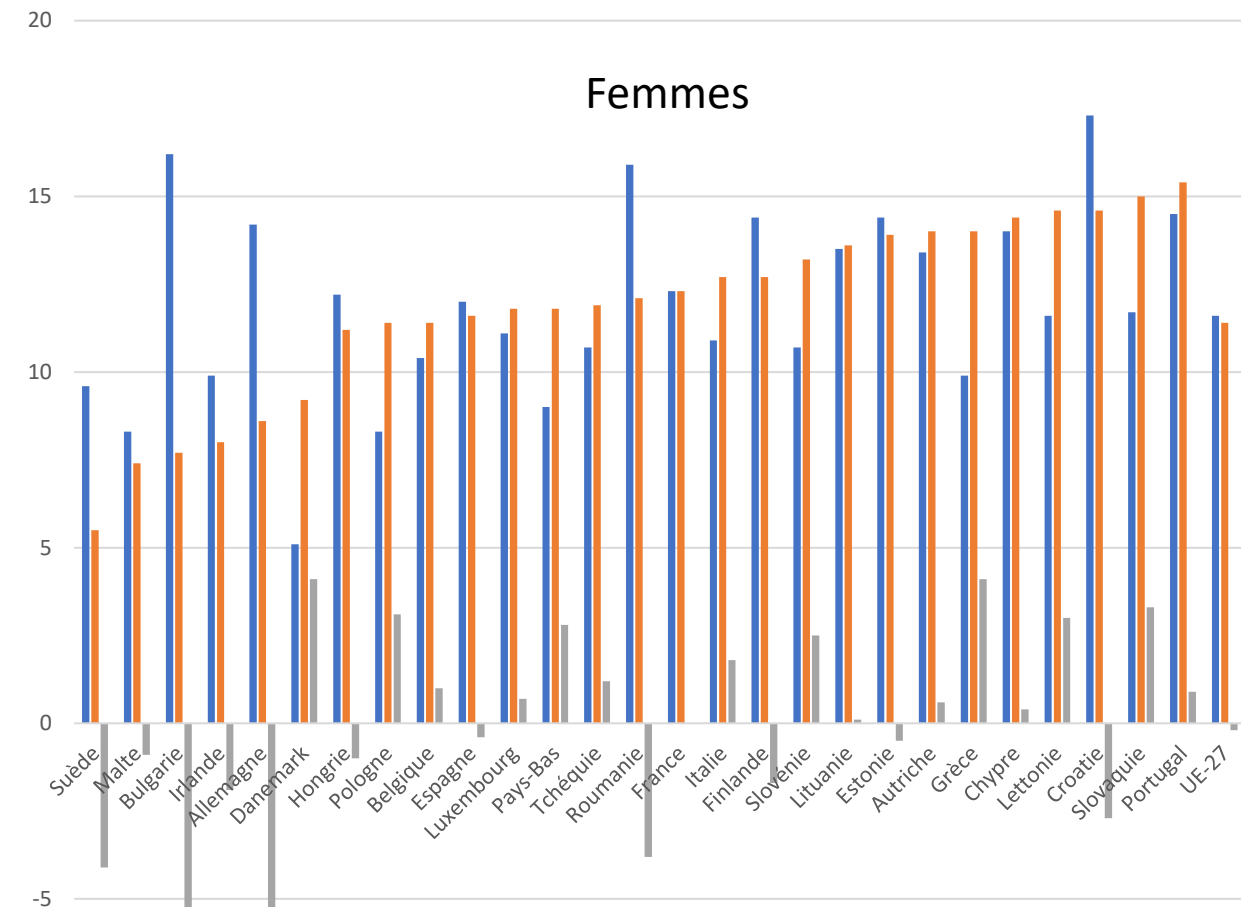
eurostat

# Esperance de vie avec incapacité

## Hommes



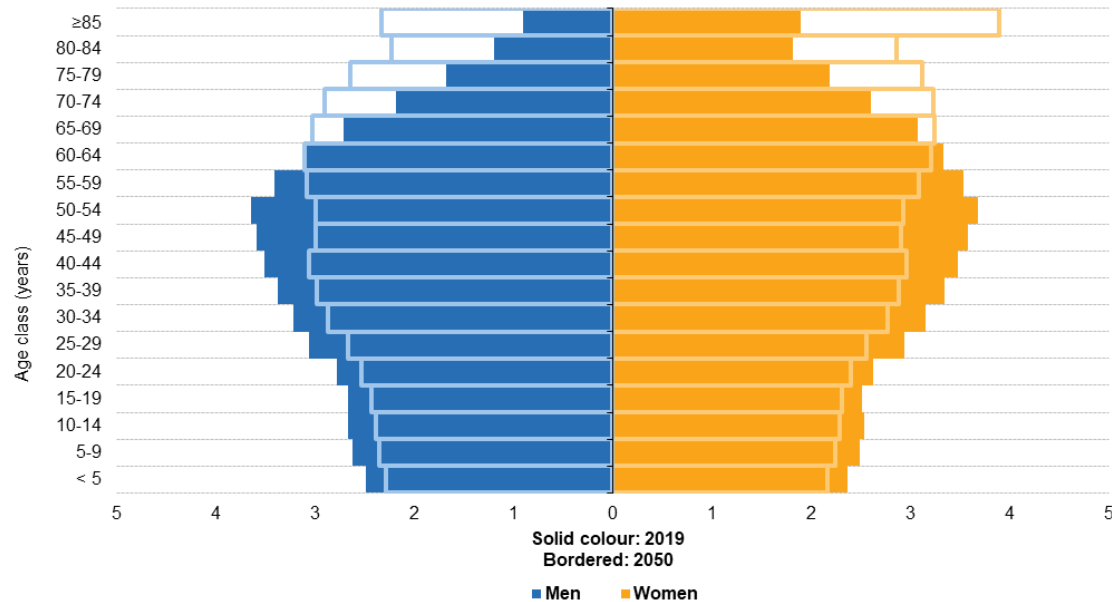
## Femmes





# Changements de structure de la population

**Population pyramids, EU-27, 2019 and 2050**  
(% share of total population)

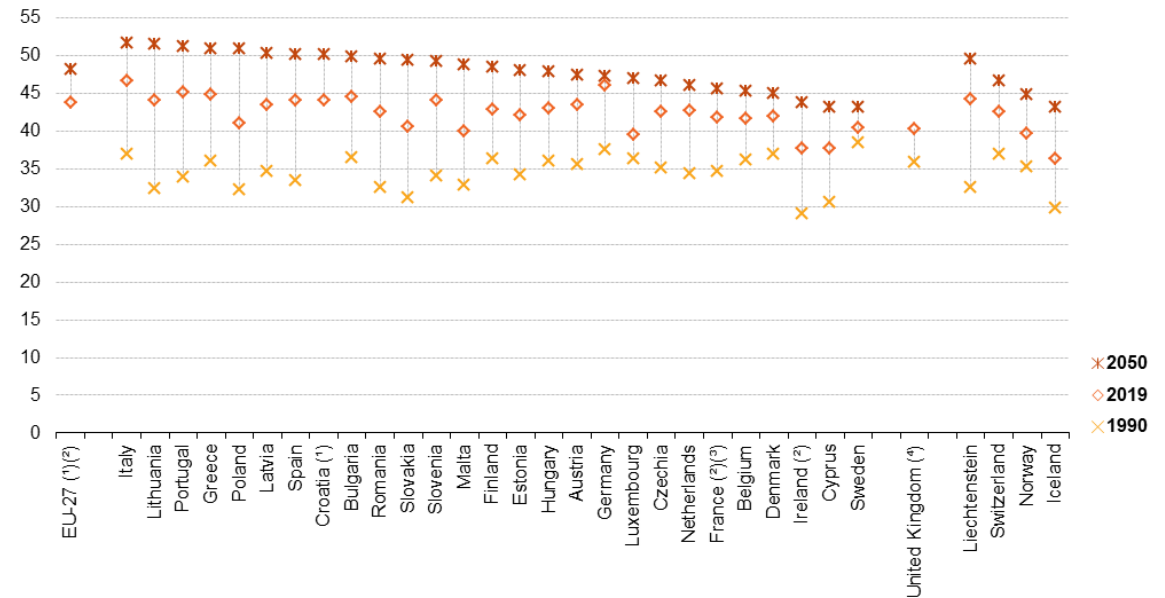


Note: all data as of 1 January. 2019: estimates and provisional. 2050: population according to the 2019 projections, baseline variant (EUROPOP2019).

Source: Eurostat (online data codes: demo\_pjangroup and proj\_19np)

eurostat

**Median age of the population, 1990, 2019 and 2050**  
(years)



Note: 2050, population according to the 2019 projections, baseline variant (EUROPOP2019).

(\*) 1990: not available.

(2) 2019: estimates and/or provisional.

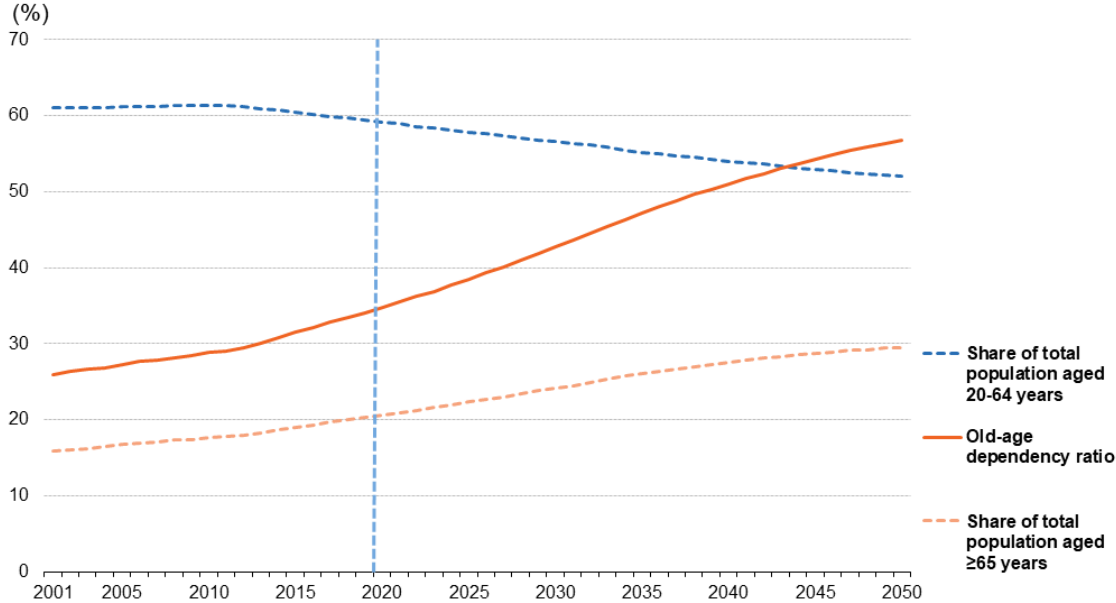
(\*) 1990: excludes French overseas territories.

(2) 2050: not available.

Source: Eurostat (online data codes: demo\_pjanind and proj\_19ndbi)

eurostat

### Population structure indicators, EU-27, 2001-2050



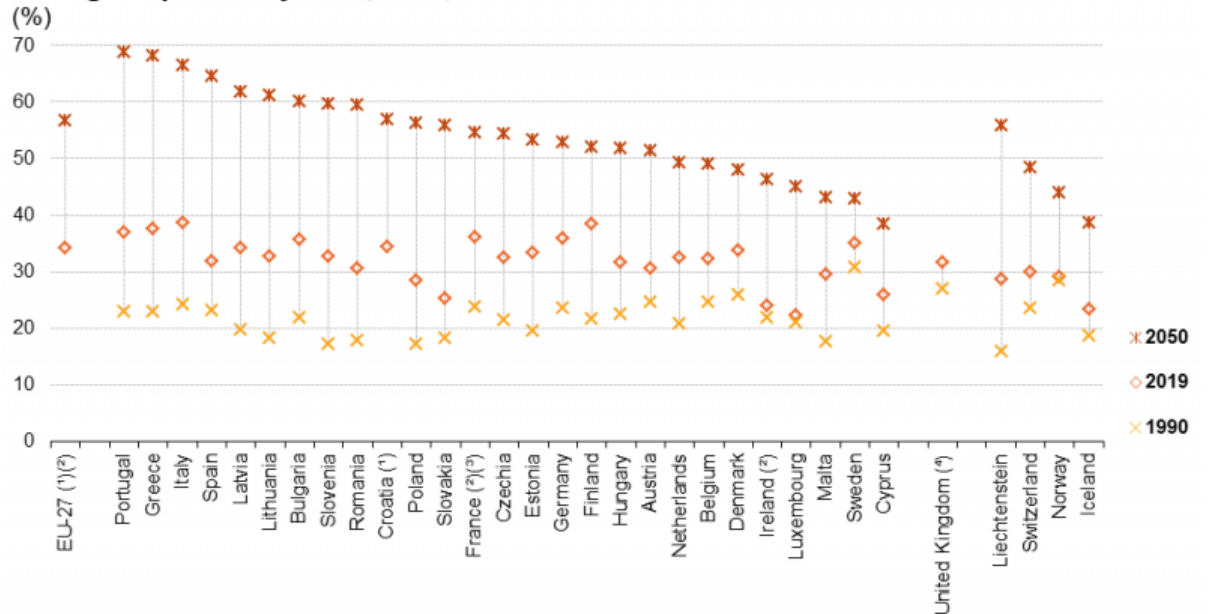
Note: the old-age dependency ratio is calculated as the number of people aged ≥65 years divided by the number of people aged 20-64 years, expressed as a percentage.

2008, 2010-2012, 2014-2015 and 2017: breaks in series. 2018 and 2019: provisional. 2020-2050: population according to the 2019 projections, baseline variant (EUROPOP2019). The vertical dotted line marks the divide between official historical data and EUROPOP2019 population projections.

Source: Eurostat (online data codes: demo\_pjanind and proj\_19ndbi)

eurostat

### Old-age dependency ratio, 1990, 2019 and 2050



Note: the old-age dependency ratio is calculated as the number of people aged ≥65 years divided by the number of people aged 20-64 years, expressed as a percentage. 2050: population according to the 2019 projections, baseline variant (EUROPOP2019).

(\*) 1990: not available.

(\*) 2019: estimates and/or provisional.

(\*) 1990: excludes French overseas territories.

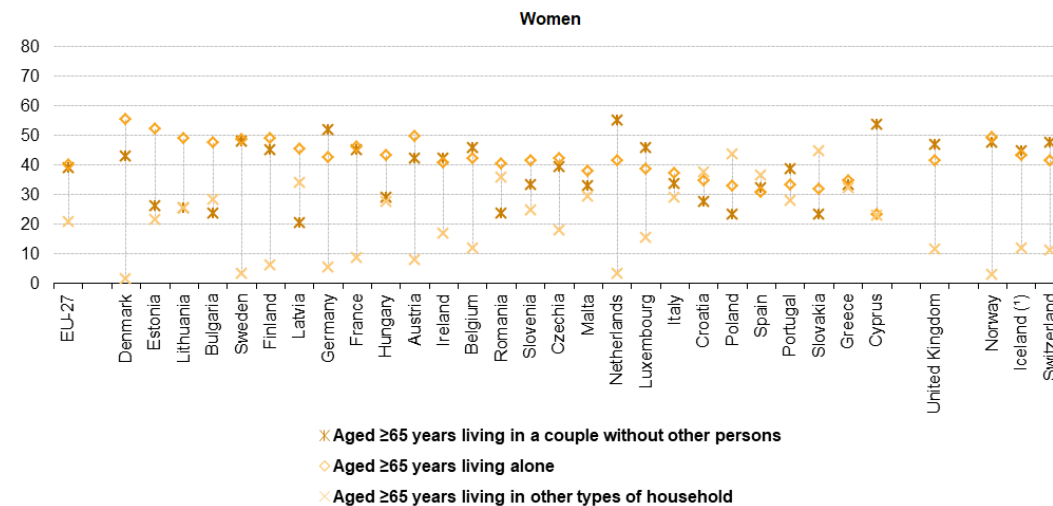
(\*) 2050: not available.

Source: Eurostat (online data codes: demo\_pjanind and proj\_19ndbi)

eurostat

# Changements des conditions familiales

**Distribution by type of household of people aged ≥65 years, by sex, 2018**  
(% share of older men / older women living in private households)



Note: the figure is ranked on the average share of the population (both sexes) aged ≥65 years living alone.  
(\*) 2017.

Source: Eurostat (online data code: ilc\_lmps30)

# La construction des systèmes de soins (en cours)

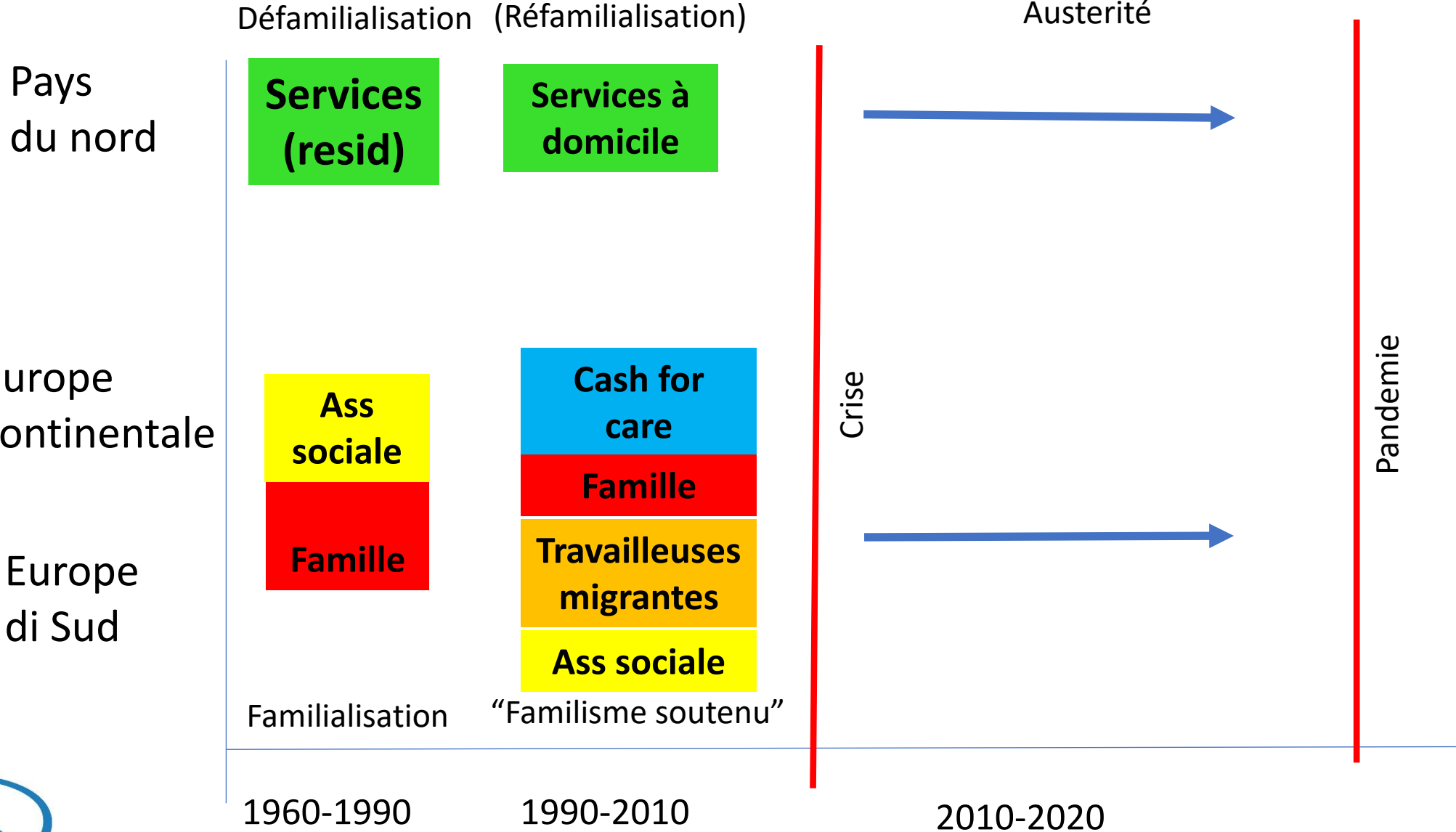
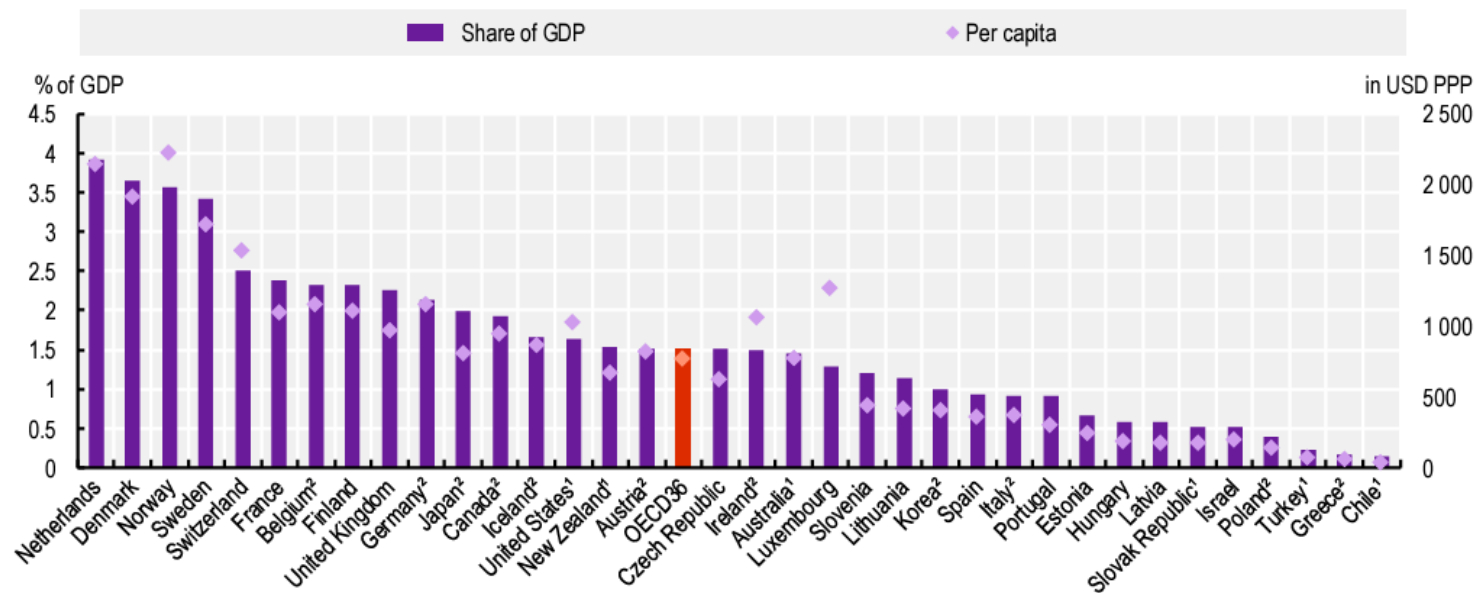
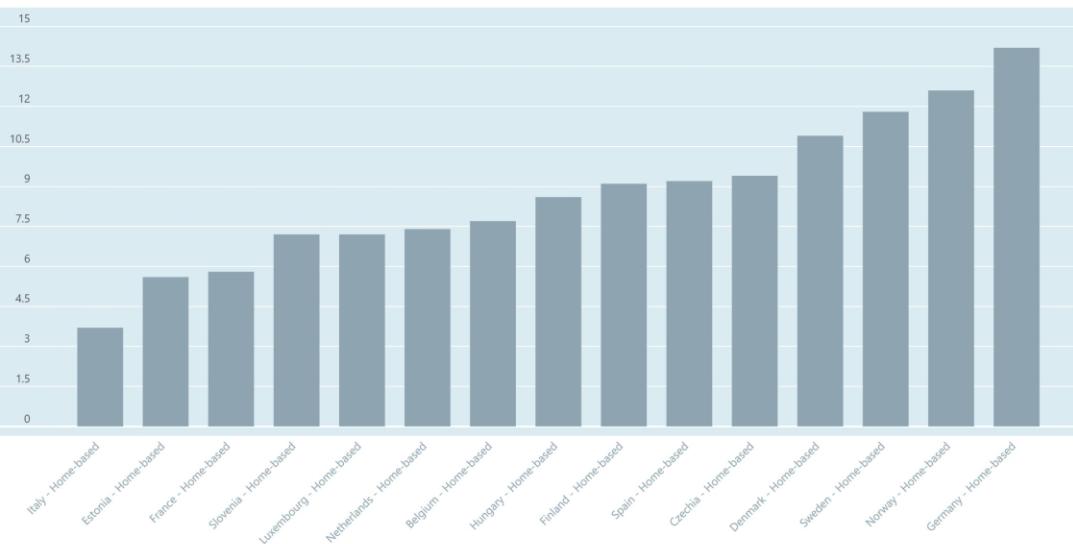


Figure 1. Total LTC expenditure as share of GDP and per capita, 2018 (or nearest year)



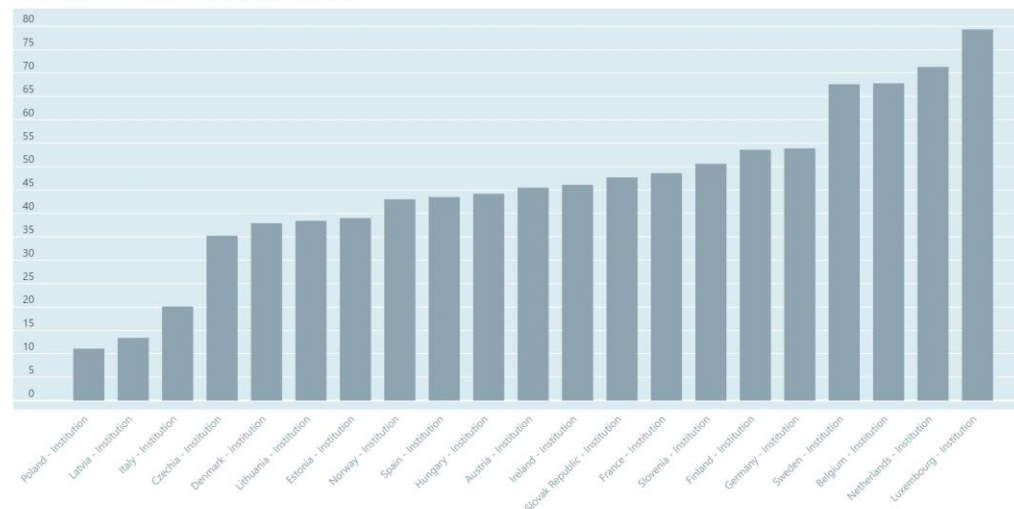
Long-term care resources and utilisation - recipients

Measure: Long-term care recipients • Age: 65 years or over • Mode of provision: Home-based • Frequency of observation: Annual • Time period: 2019  
 Combined unit of measure: Percentage of population aged 65 years or over



Long-term care resources and utilisation - beds

Measure: Long-term care beds • Mode of provision: Institution • Frequency of observation: Annual • Time period: 2019  
 Combined unit of measure: Per 1 000 inhabitants aged 65 years or over

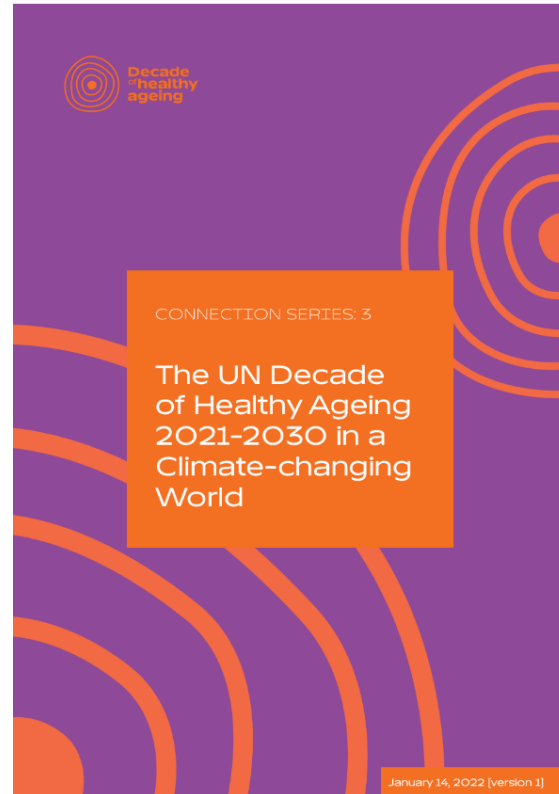


# Débats

# Dans le débat international sur le changement climatique



WHO 2021a



WHO 2022



European Environment Agency

Publications



**Towards 'just resilience':  
leaving no one behind  
when adapting to climate  
change**



EEA 2022



Funded by the European Union



# Focus et approche

## Problématique

Vulnérabilité spécifique de santé

Vulnérabilité aux événements extrêmes

## Objectifs

«*Healthy ageing*»  
Prolonger la vie en bonne santé

## Mitigation

Préparation aux urgences

## Mesures proposées

«multisectoral policy and programme actions in cities and communities and across systems with greener environments, less air pollution, adapted housing and health services, more sustainable food systems for healthier diets and health promotion for well-being» (WHO, 2022)

Identifier individus et communautés vulnérables;  
Information; changement des comportements;  
Plans coordonnés d'interventions

## Actions

Plans nationaux d'action contre les vagues de chaleurs

Plans locaux d'adaptation (problematization)

(Actions nationales/locales)

# Un débat international sur le «long-term care» I



Governance  
Ressources  
Travailleurs  
Services  
Innovation, recherche

WHO 2021b

EC 2022



Disponibilité, accès  
Qualité des soins  
Travail de soins  
(In)égalité  
Sustainability

«investissement  
social» à nouveau

**Systemes nationaux et  
locaux très différents**

# Un débat international sur le «long-term care» II



«Intégration» et  
«innovation»

«Technical» models

«Best» practices

Diffusion/transfer  
/upscaling

Coordination

Technologie

Hébergement-soins

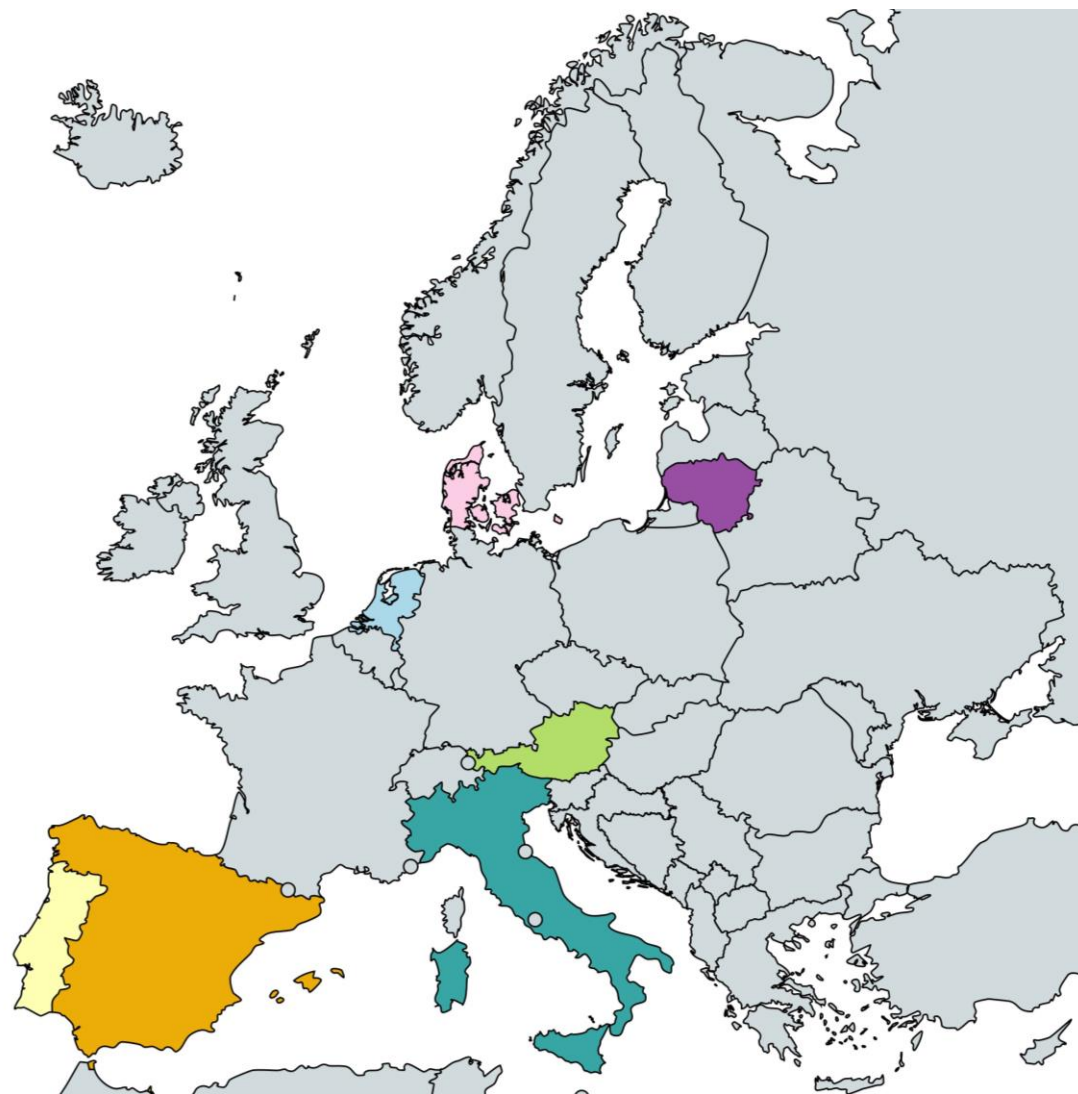
Travailleurs

**Systemes nationaux et  
locaux très différents**

# Quelques considérations à partir du projet LeTs-Care

# Contextes très différents

- Institutionnalisation du champ:
  - Histoire (1950s; 1990s; ---)
  - Unité/fragmentation (santé/social/cash)
- Idées et régulation
  - (Dé)familisation
  - Travail des femmes
- Ressources et infrastructure
- (De)centralisation:
  - Financement, décisions, services
- Différentiation territoriale
- Jeux d'acteurs



# Enjeux sémantiques et politiques

- Besoins
- Soins – qualité de soins
- Travail de soins – qualité du travail de soin
- Inégalités
- Durabilité
- Souvent implicite
- Significations variés entre
  - pays
  - régions
  - «secteurs»
  - profils d'usagers
  - profils de travailleurs (en fonction du degré de fragmentation)
- Influence institutionnelle sur les définitions

# Enjeux de gouvernance

- « Effet Mattheus »
  - Entre Pays
  - A l'intérieur des pays
- Travailler «par projet»
- Le rôle des territoires dans les systèmes nationaux
  - Le local comme lieu des soins
  - Le local comme lieu des contradictions du système des soins
  - Le « contexte » local des politiques et pratiques de soins

**Merci!**





# Références

Alzheimer Europe (2019) *Dementia in Europe Yearbook 2019 Estimating the prevalence of dementia in Europe*,

available at: [https://www.alzheimer-europe.org/dementia/prevalence-dementia-europe?language\\_content\\_entity=en#:~:text=The%20number%20of%20people%20living%20with%20dementia%20in%20the%20European,for%20the%20broader%20European%20region.](https://www.alzheimer-europe.org/dementia/prevalence-dementia-europe?language_content_entity=en#:~:text=The%20number%20of%20people%20living%20with%20dementia%20in%20the%20European,for%20the%20broader%20European%20region.)

EC (2022). Communication from the Commission to the European Parliament, the Council, the European Economic and Social Committee and the Committee of the Regions on the European care strategy.

Eurofound (2020) Long-term care workforce: Employment and working conditions, Luxembourg, Publications Office of the European

Union. Eurostat (2025) Ageing Europe- Statistics on Population Developments. Available at: [https://ec.europa.eu/eurostat/statistics-explained/index.php?title=Ageing\\_Europe\\_-\\_statistics\\_on\\_population\\_developments#Older\\_people\\_.E2.80.94\\_population\\_overview](https://ec.europa.eu/eurostat/statistics-explained/index.php?title=Ageing_Europe_-_statistics_on_population_developments#Older_people_.E2.80.94_population_overview) (January 2021, date last accessed).

OECD LTC data: <https://data-explorer.oecd.org/>

WHO (2021a) *Heat and health in the WHO European Region: updated evidence for effective prevention*, WHO, Regional Office for Europe

World Health Organization (2021b) *Framework for countries to achieve an integrated continuum of long-term care*. Geneva: World Health Organization; 2021.