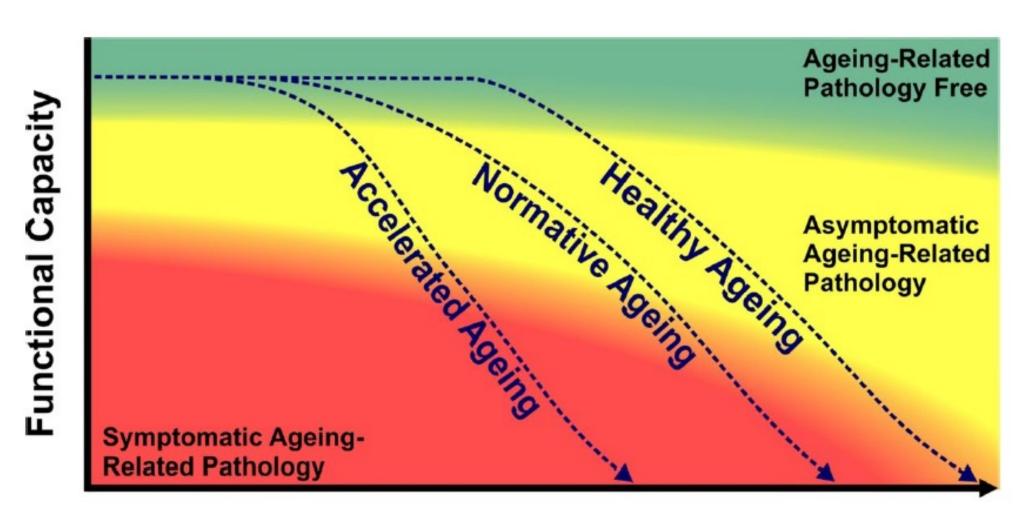


Senescence definitions: ICCARP consensus



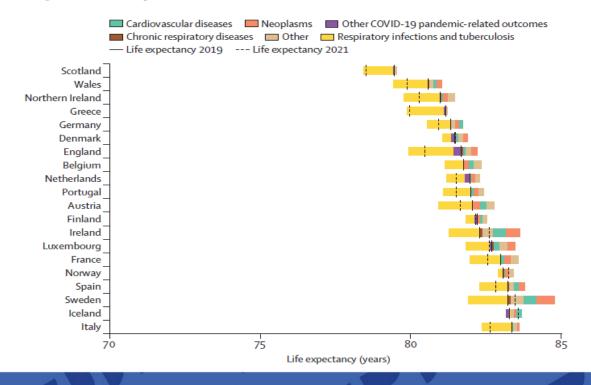
Age

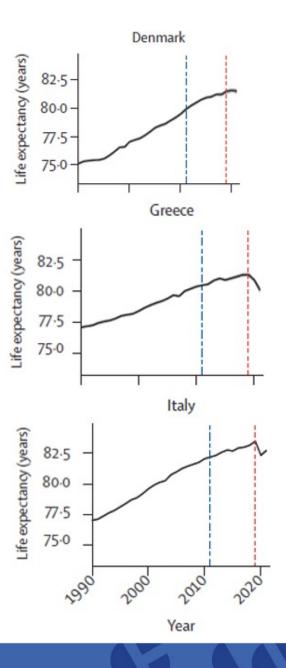
Changing life expectancy in European countries 1990–2021: a subanalysis of causes and risk factors from the Global Burden of Disease Study 2021

GBD 2021 Europe Life Expectancy Collaborators*

Summary

Background Decades of steady improvements in life expectancy in Europe slowed down from around 2011, well before the COVID-19 pandemic, for reasons which remain disputed. We aimed to assess how changes in risk factors and cause-specific death rates in different European countries related to changes in life expectancy in those countries before and during the COVID-19 pandemic.

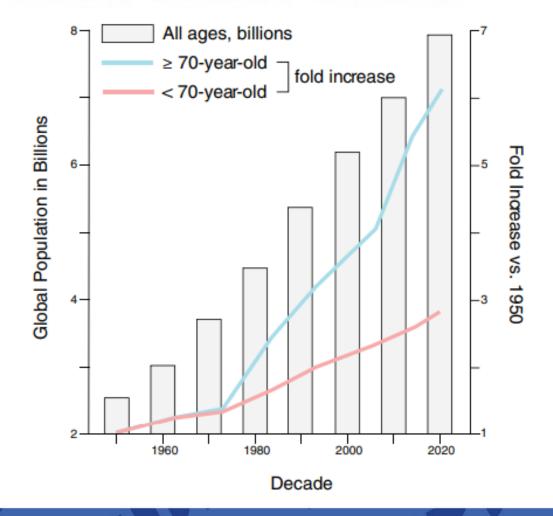


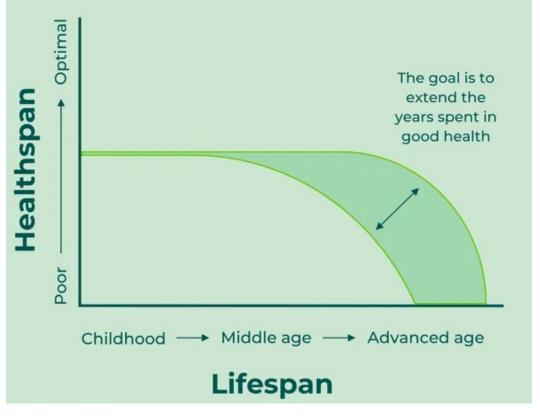


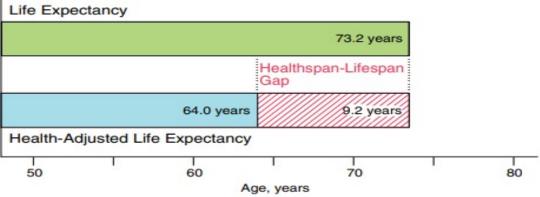
npj | Regenerative Medicine

Longevity leap: mind the healthspan gap

Armin Garmany (1)^{1,2,3}, Satsuki Yamada (1)^{1,2,4} and Andre Terzic (1)^{1,2,5,6} ⋈





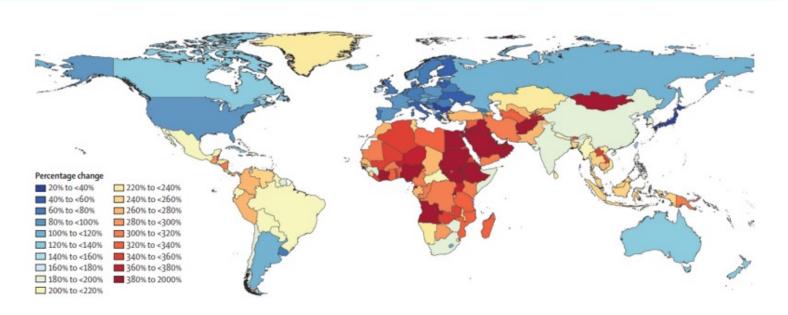


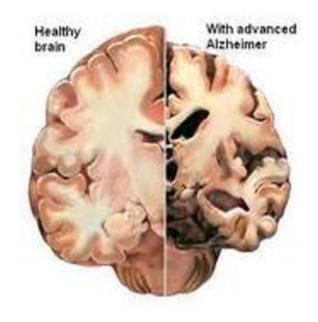
www.thelancet.com/public-health Vol 7 February 2022

Estimation of the global prevalence of dementia in 2019 and forecasted prevalence in 2050: an analysis for the Global Burden of Disease Study 2019

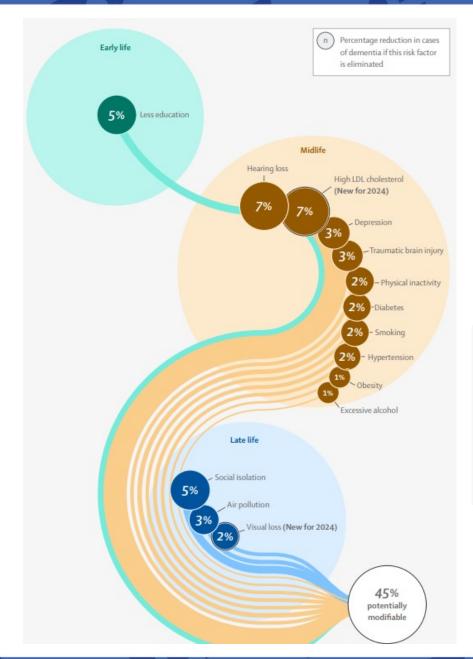
GBD 2019 Dementia Forecasting Collaborators*

The number of people with dementia would increase from 57·4 (95% uncertainty interval 50·4–65·1) million cases globally in 2019 to 152·8 (130·8–175·9) million cases in 2050









THE LANCET

Dementia prevention, intervention, and care: 2024 report of the *Lancet* standing Commission

Prof Gill Livingston, MD △ a,b ☒ · Jonathan Huntley, PhD c · Kathy Y Liu, MRCPsych a · Prof Sergi G Costafreda, PhD a,b · Prof Geir Selbæk, MD d,e,f · Prof Suvarna Alladi, PhD g. et al. Show more

Risk factors for dementia — 2024 update

The 2024 update to the standing Lancet Commission on dementia prevention, intervention, and care adds two new risk factors (high LDL cholesterol and vision loss) and indicates that nearly half of all dementia cases worldwide could be prevented or delayed by addressing 14 modifiable risk factors.

Mediterranean diet and telomere length in Nurses' Health Study: population based cohort study

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Marta Crous-Bou postdoctoral research fellow¹ research fellow², Teresa T Fung associate professor³ adjunct associate professor⁴, Jennifer Prescott instructor in medicine¹, Bettina Julin postdoctoral research fellow¹ research fellow², Mengmeng Du postdoctoral research fellow¹ research fellow⁵, Qi Sun assistant professor¹⁴, Kathryn M Rexrode associate professor³, Frank B Hu professor¹²⁴, Immaculata De Vivo associate professor¹²



Results Greater adherence to the Mediterranean diet was associated with longer telomeres after adjustment for potential confounders. Least squares mean telomere length z scores were –0.038 (SE 0.035) for the lowest Mediterranean diet score groups and 0.072 (0.030) for the highest group (P for trend=0.004).

Conclusion In this large study, greater adherence to the Mediterranean diet was associated with longer telomeres. These results further support the benefits of adherence to the Mediterranean diet for promoting health and longevity.



Optimal dietary patterns for healthy aging nature medicine

Received: 9 July 2024

Accepted: 5 February 2025

Published online: 24 March 2025

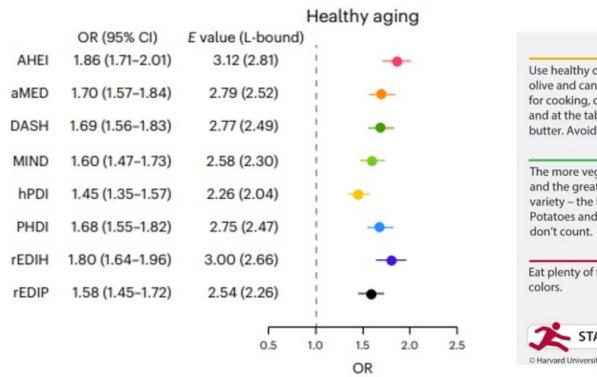
Anne-Julie Tessier © ^{1,2,3,4} , Fenglei Wang © ¹, Andres Ardisson Korat^{5,6},

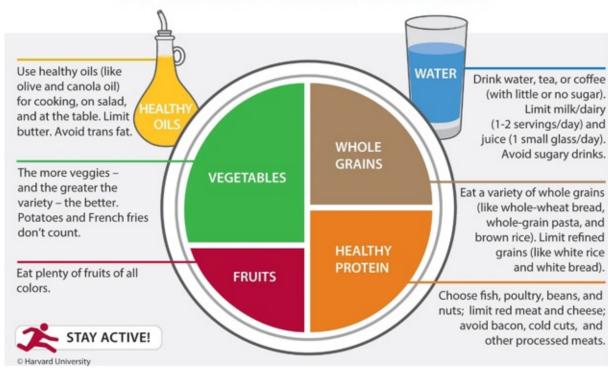
A. Heather Eliassen © ^{1,7,8}, Jorge Chavarro © ^{1,7,8}, Francine Grodstein ⁹, Jun Li © ^{1,10},

Liming Liang © ^{7,11}, Walter C. Willett ^{1,7,8}, Qi Sun © ^{1,7,8}, Meir J. Stampfer ^{1,7,8},

Frank B. Hu © ^{1,7,8} & Marta Guasch-Ferré © ^{1,12,13}

HEALTHY EATING PLATE





Associations of average dietary patterns with healthy aging



The term "Nutraceutical" was coined in 1989 by Stephen De Felice, MD, Founder and Chairman of the Foundation for Innovation in Medicine (FIM).



The potential application window of nutraceuticals

Nutrition

Required for daily life and health

Pharmaceuticals

Required for disease treatment and prevention

Nutraceuticals

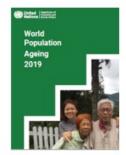
Supplements

Required for physiologic support and health improvement

Nutraceutical can be defined as

"A food or part of food or nutrient, that provides health benefits, including the prevention and treatment of a disease."



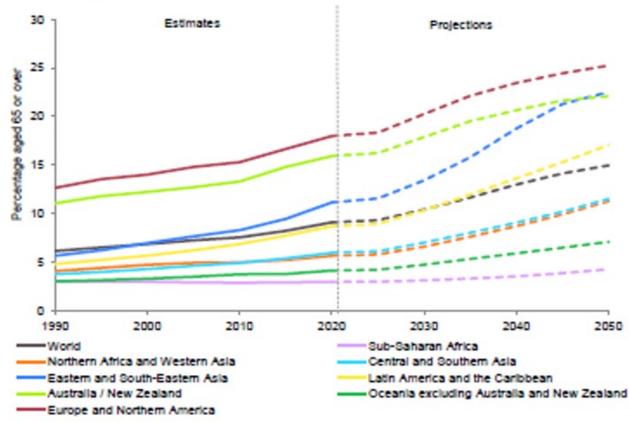


World Population Ageing 2019

Department of Economic and Social Affairs

Population Division





Share of total population aged 65 years or over, by region, 1990-2050



GOOD HEALTH AND WELL-BEING: WHY IT MATTERS

