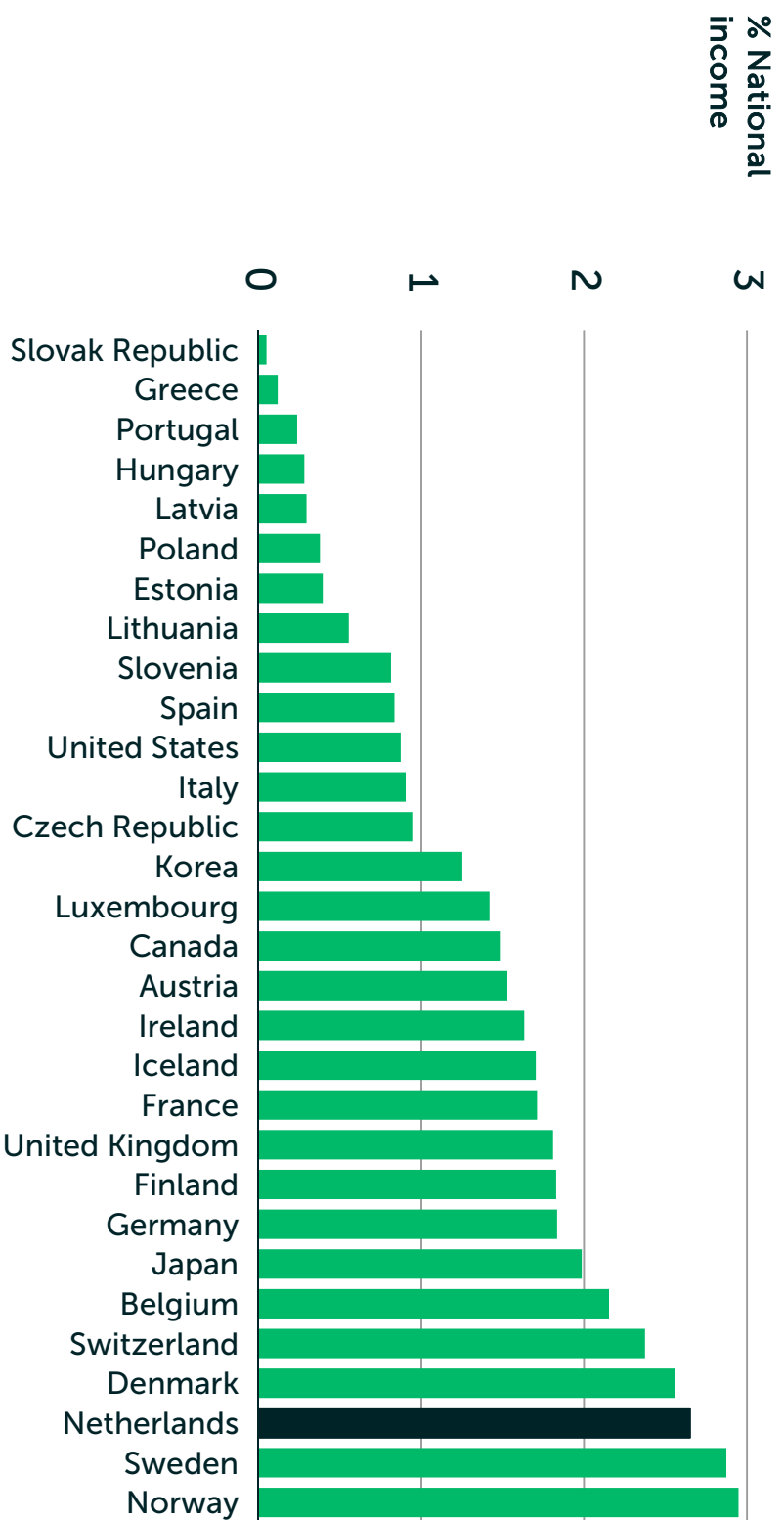


Dr. Pieter Bakx

**Who benefits from
additional spending
on elderly care?**

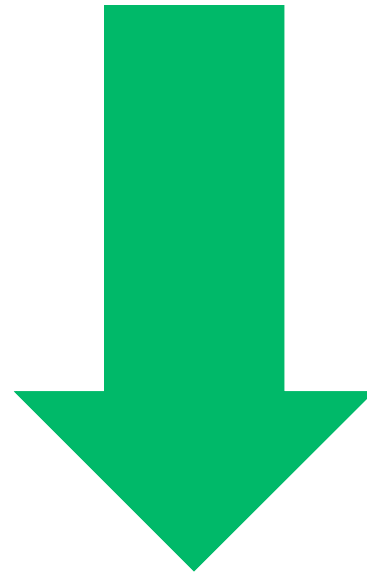
Erasmus University Rotterdam

Long-term care spending



Source: OECD 2018

Concerns about quality



Push for additional spending

**What are the gains from
additional spending?**

What are the gains from additional spending?

Erasmus



Rijksinstituut voor Volksgezondheid
en Milieu
Ministerie van Volksgezondheid,
Welzijn en Sport



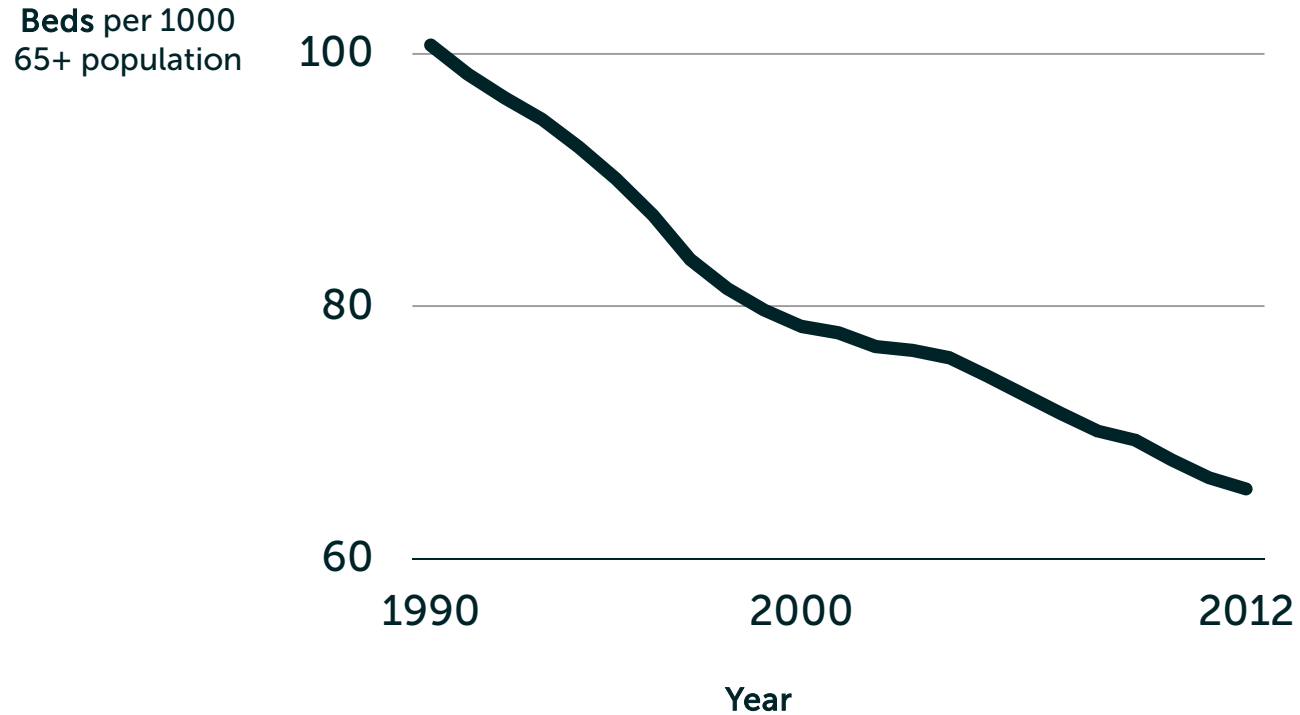
Two major shifts

Nursing home care → Home care
Professionals → Informal care

Ageing-in-place



Nursing home beds



Source: OECD 2018

We want a fair comparison

**We cannot compare them to the general population;
We cannot ask nursing home residents directly;
And we cannot run an experiment.**

Natural experiment

Similar cases

Happen to be treated differently

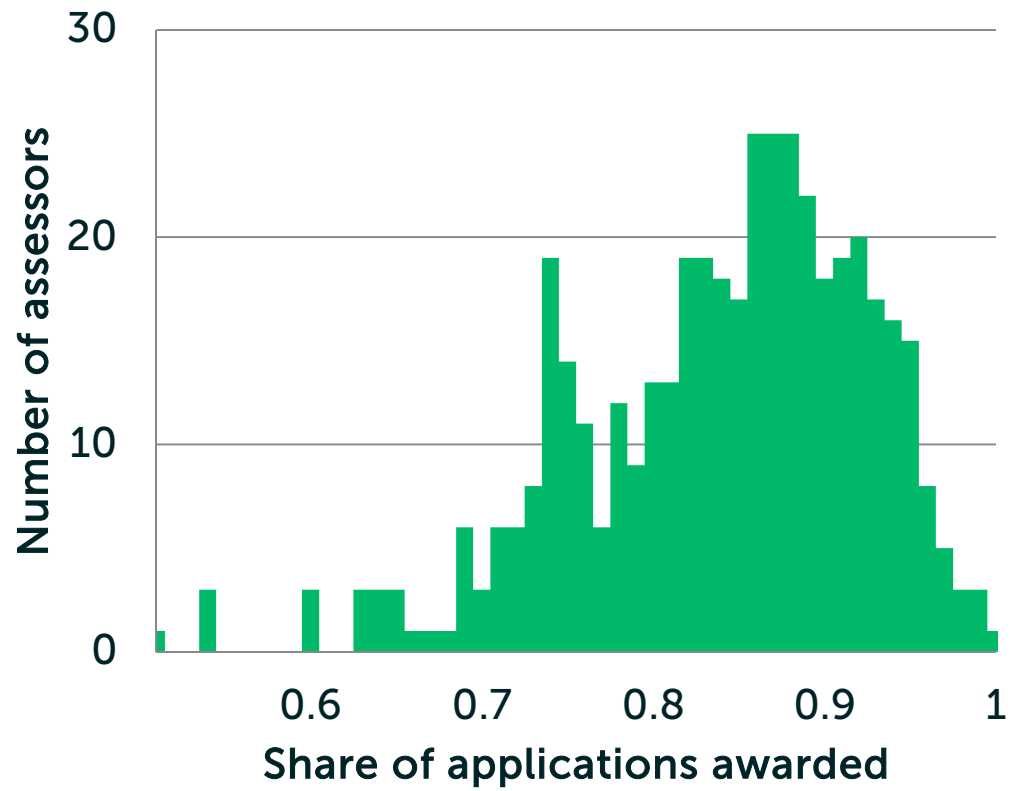
Similar cases, treated differently

Agency (CIZ) determines eligibility for long-term care.

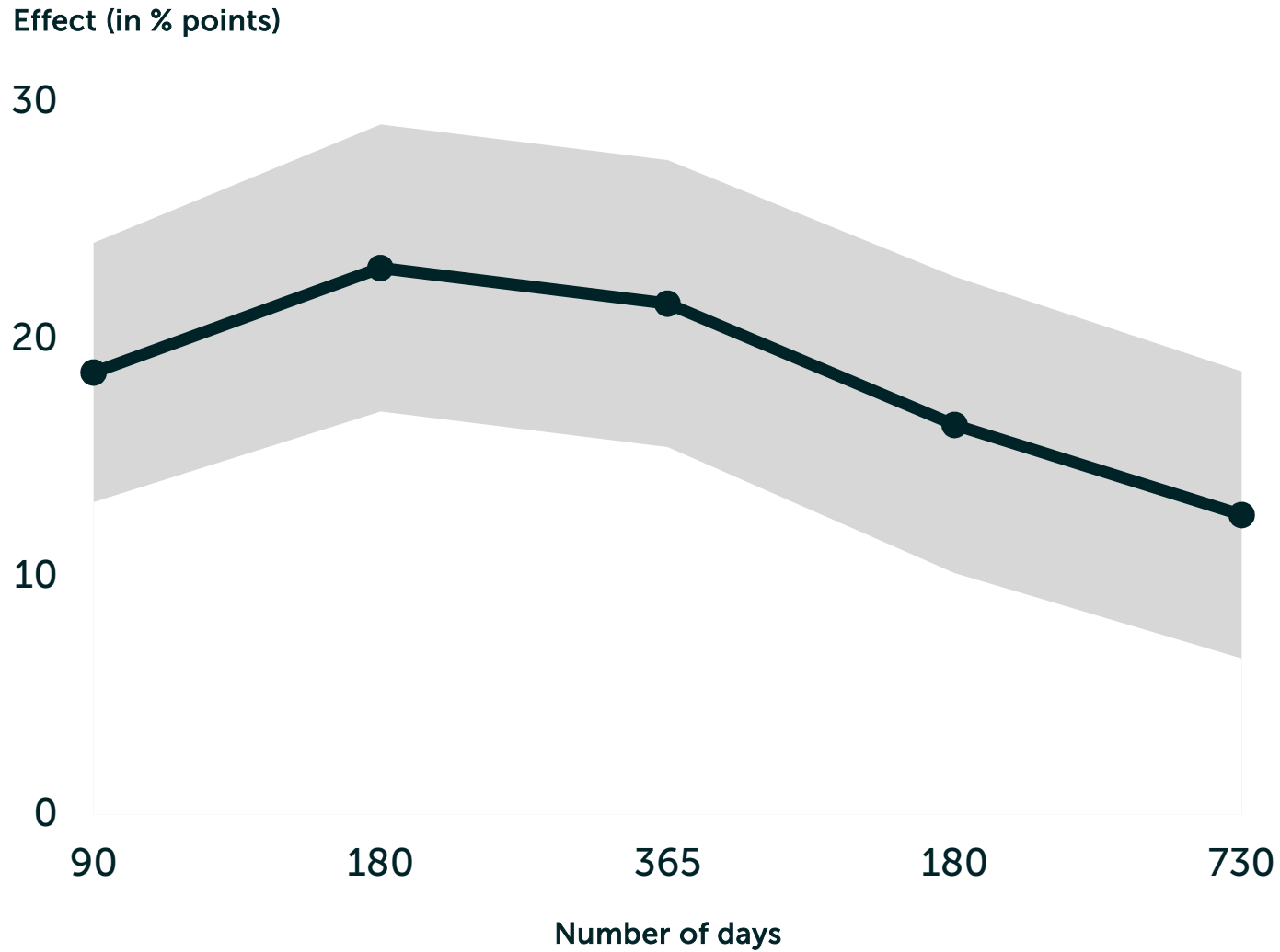
Assessors apply general rules to specific situations;

Similar cases are judged differently

Variation in the share of applications awarded



The eligible are more likely to be admitted



No effect on mortality

Effect (in % points)

10

0

-10

90

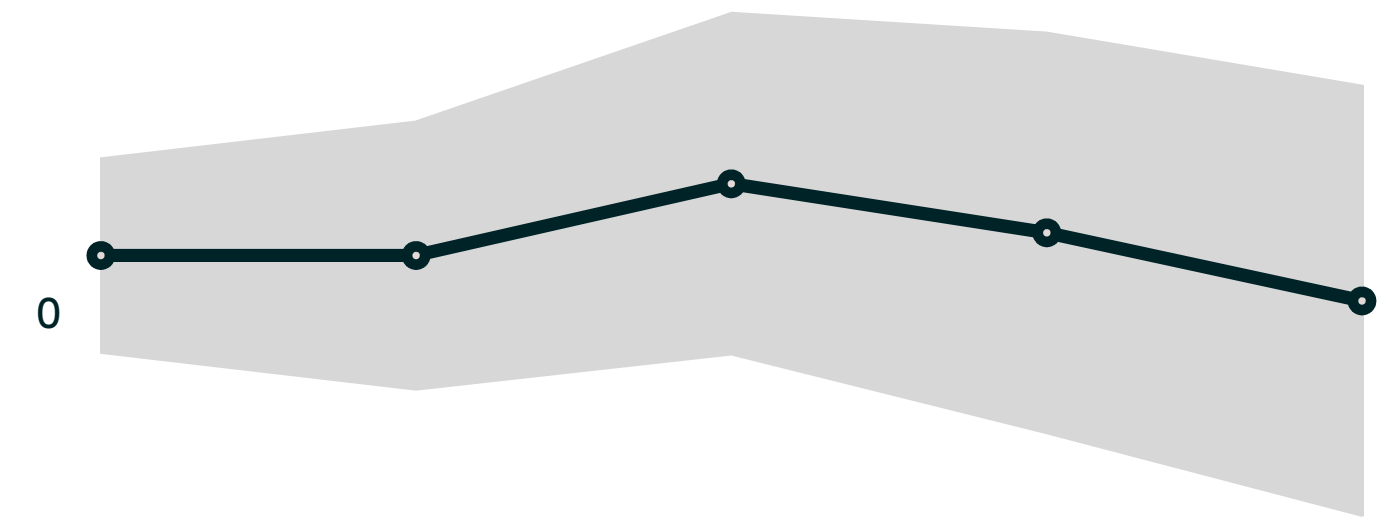
180

365

180

730

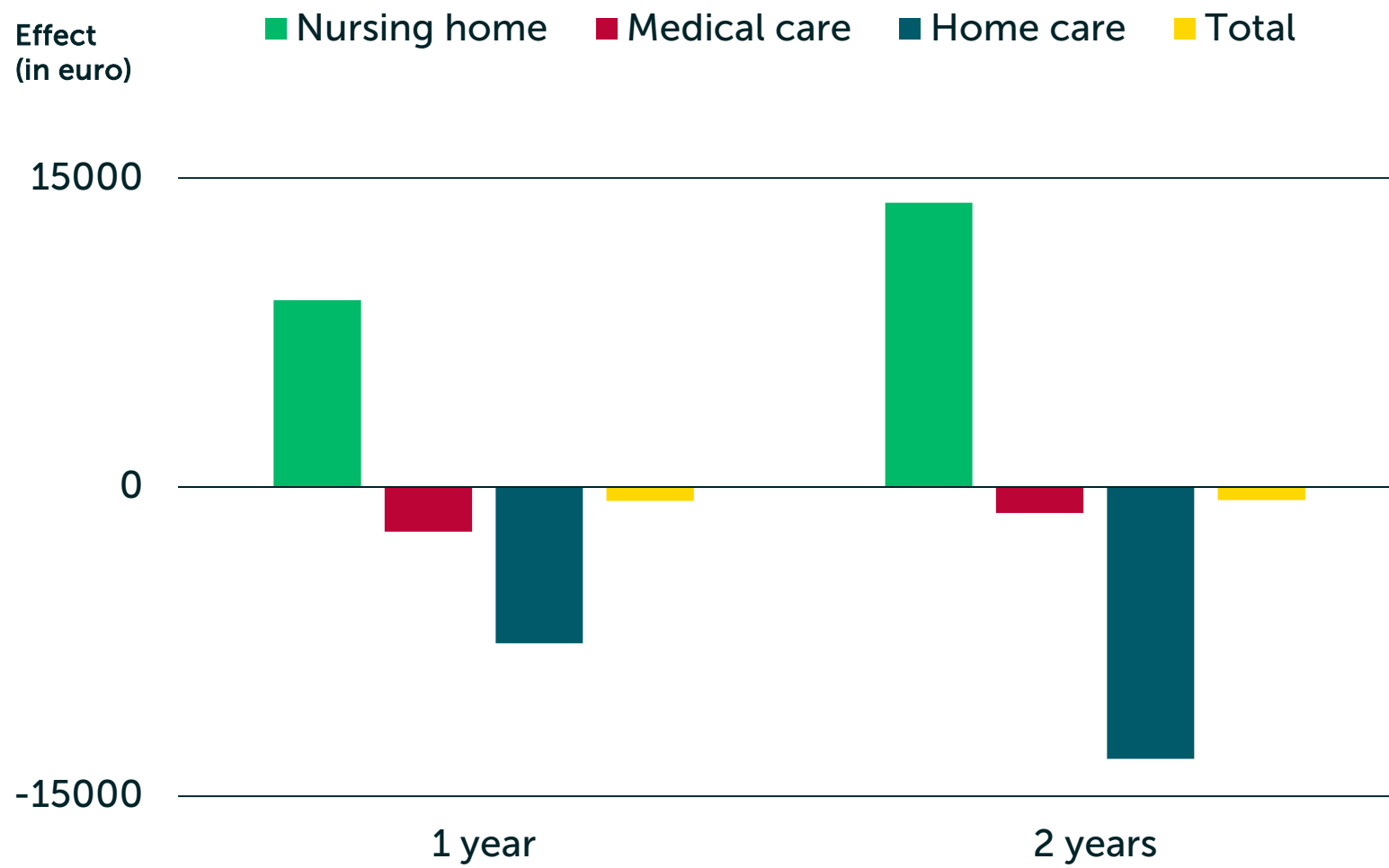
Number of days



Hospital admissions go up

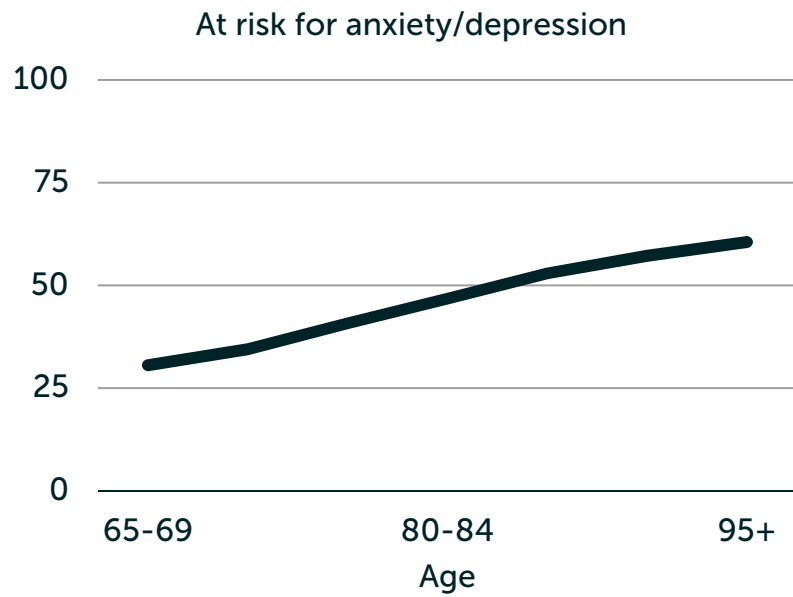
Probability of ≥ 1 hospital admission within a year
10 percentage points lower

Home care and nursing home care: equally expensive

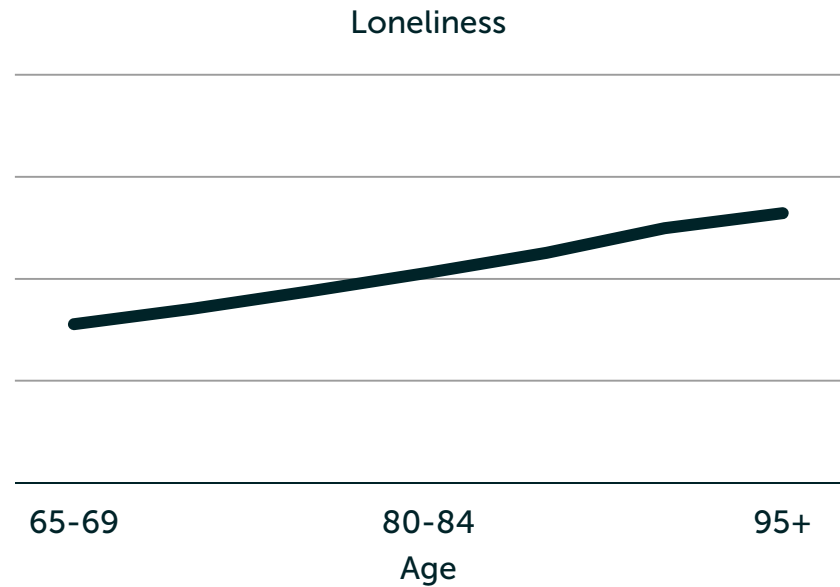
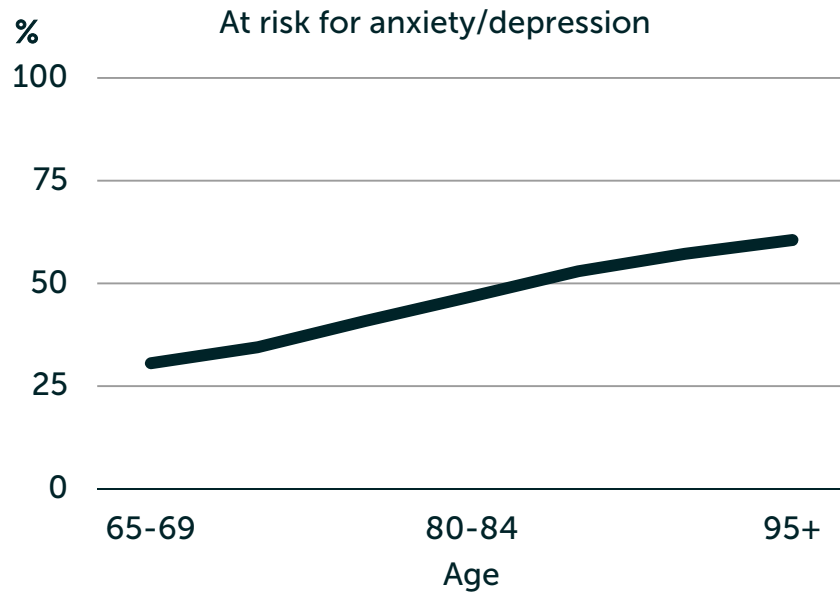
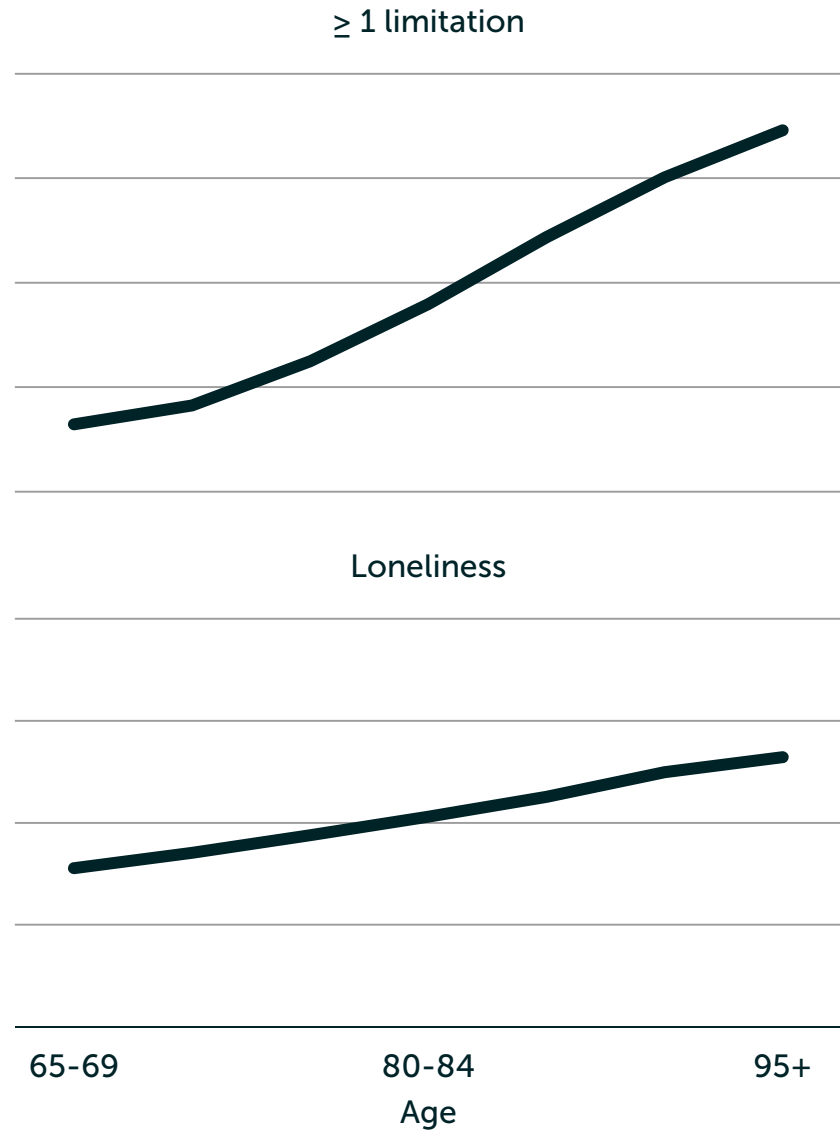
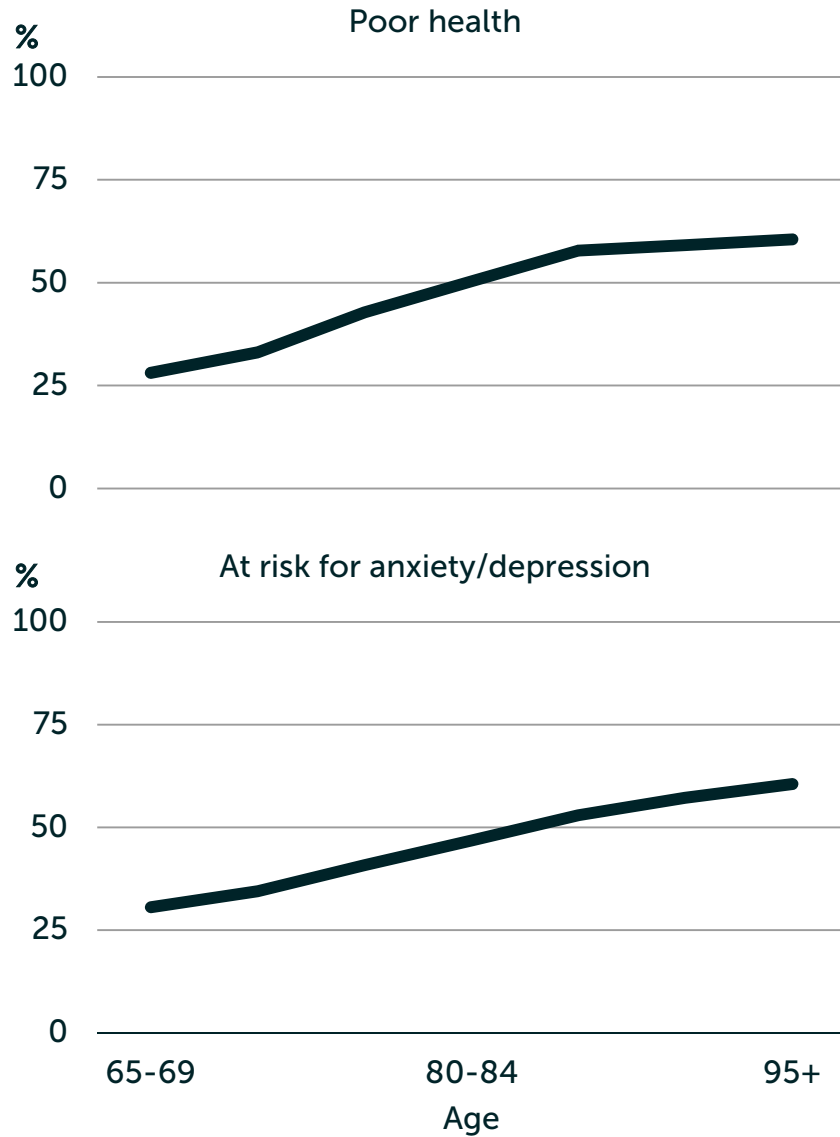


**What about
quality of life?**

Problems increase by age



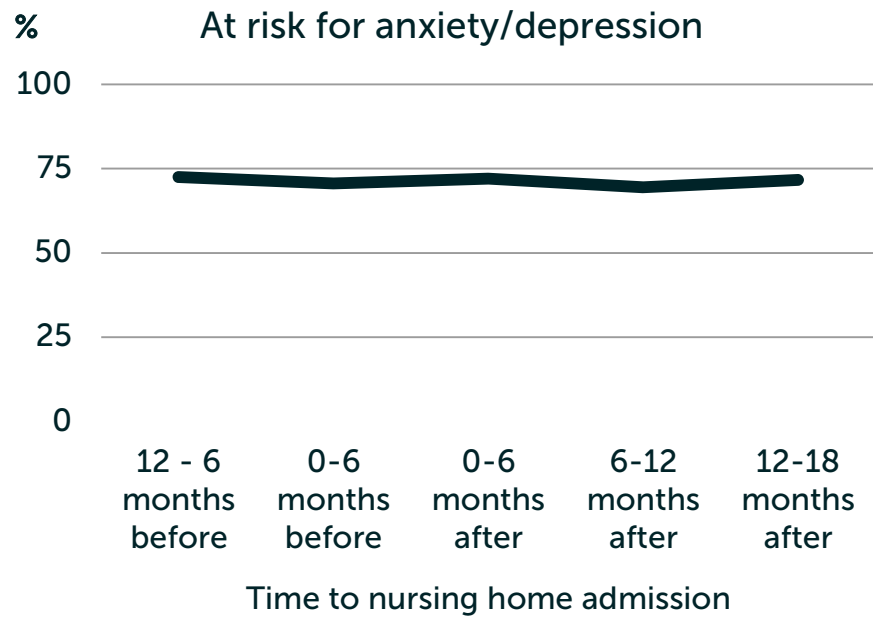
Problems increase by age...



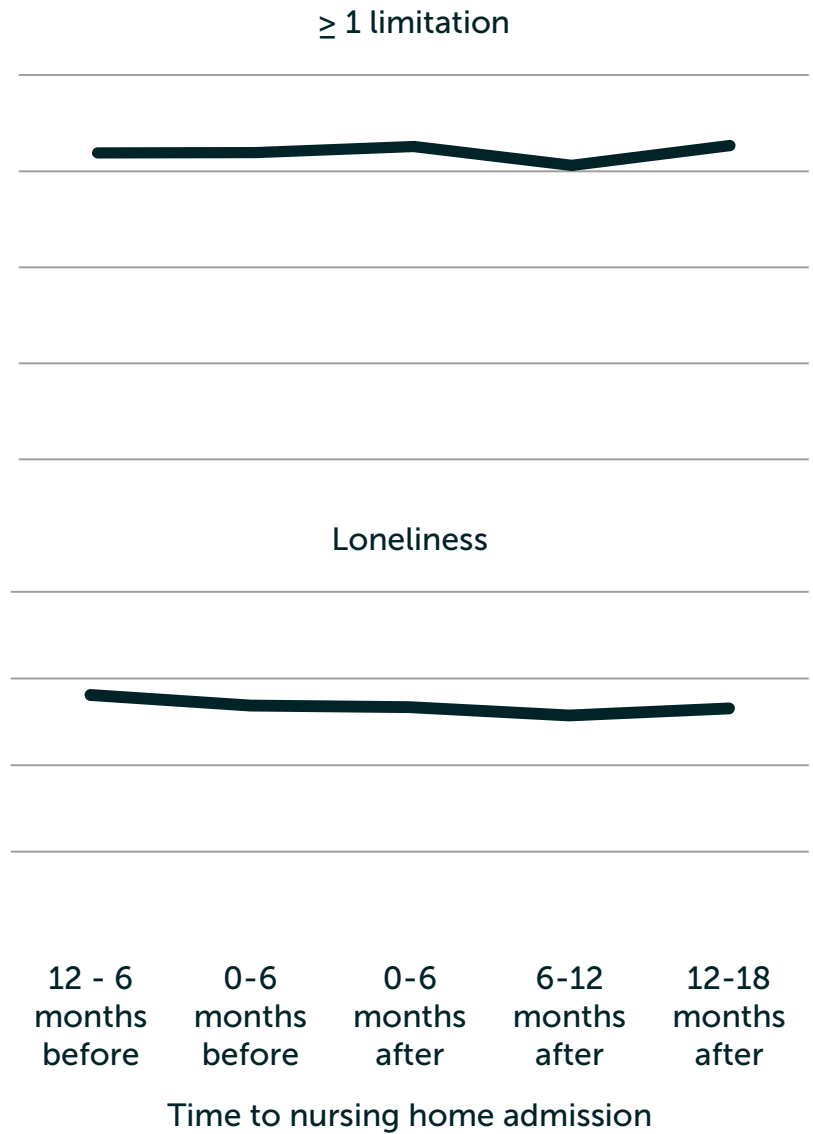
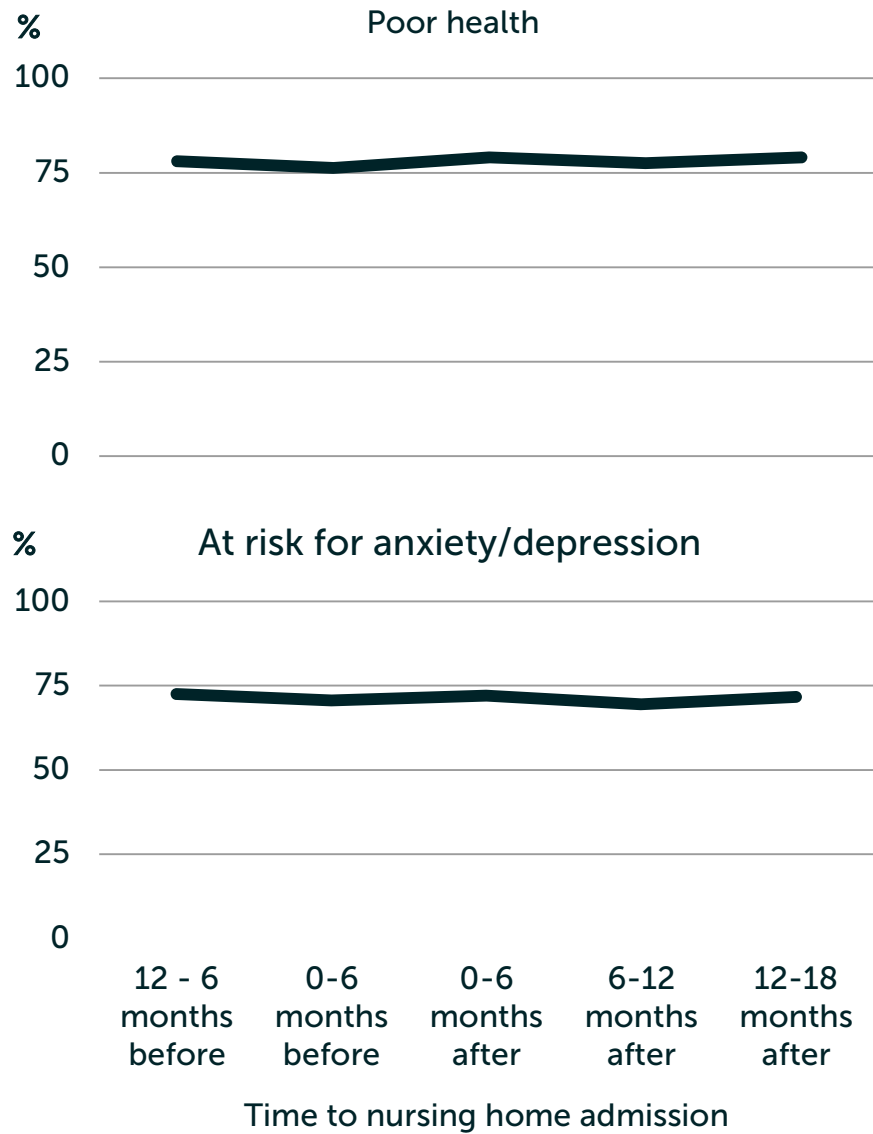
Nursing home care



Health and well-being similar after an admission



Health and well-being similar after an admission



Nursing home care



**Do outcomes differ
between homes?**

Nursing homes ranking

By the time to the first hospital admission

**Hospital admission frequency
varies**

Similar, but for mortality

Should I stay or should I go?



Postponing nursing home admissions

**Does not lower costs, and means
more hospitalizations**

Postponing nursing home admissions

Does it increase well-being?

What about the informal caregivers?

Outcomes differ between nursing homes

What causes these differences?

Pieter Bakx

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