

Assessing Needs of Care in European Nations

The central model

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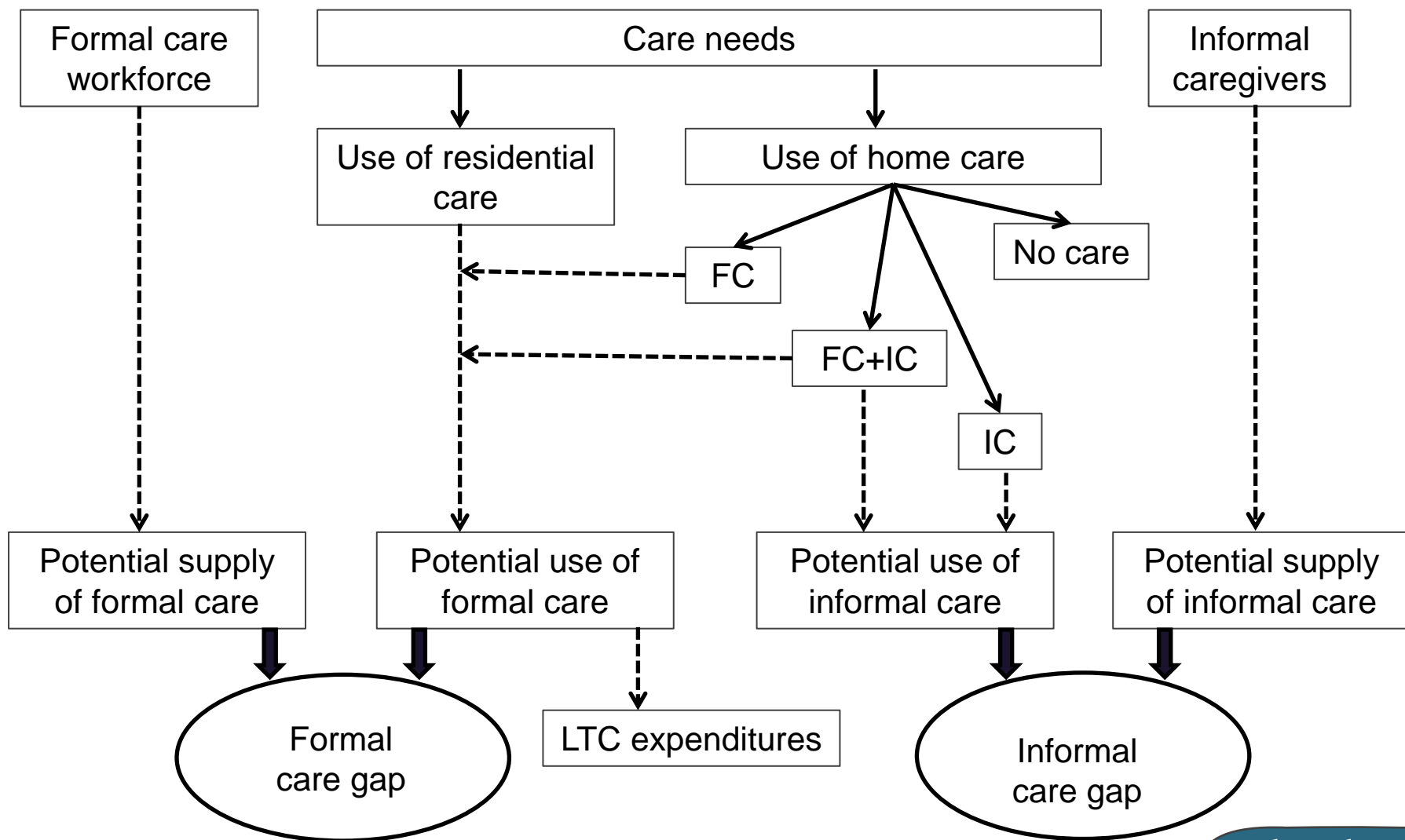


Overview

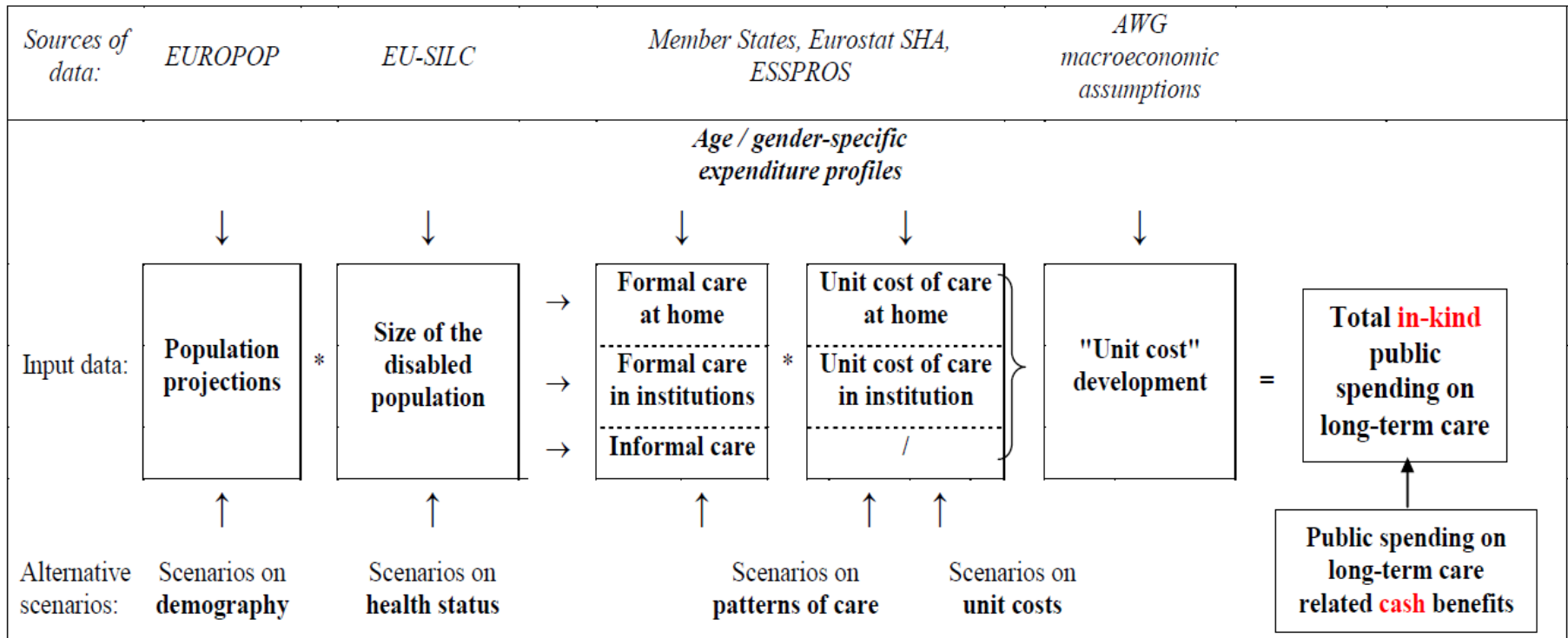
- The structure of the core model
- A comparison with the AWG methodology

Estimating LTC use and supply: the ANCIEN system of models

LTC system typology: 4 representative countries (NL, DE, ES and PL)



The AWG LTC model



Comparison with the AWG methodology

	ANCIEN	AWG base scenario
Demography and epidemiology (care needs)	<ul style="list-style-type: none">•Multi-state life table model•Disability incidence dependent on risk factors•Disability prevalence based on SHARE + national data	<ul style="list-style-type: none">•Disability prevalence computed from EU-SILC prevalence•Prevalence assumed constant over projection period
Care use	<ul style="list-style-type: none">•Explicit modelling of use of formal and informal care•Probability of using each type of care modelled using national micro data (resid) and SHARE (home)•Several risk factors	<ul style="list-style-type: none">•Probability of using formal care based on observed prevalence•Assumed constant•Informal care use is “residual”

Comparison with the AWG methodology (cont'd)

	ANCIEN	AWG base scenario
Formal care supply	<ul style="list-style-type: none">•Modelled in a rudimentary fashion based on aggregate data	<ul style="list-style-type: none">•Not modelled. Assumed to follow care use
Informal care supply	<ul style="list-style-type: none">•Modelled using SHARE micro data	<ul style="list-style-type: none">•Not modelled
LTC expenditure projections	<ul style="list-style-type: none">•Age/sex/setting-specific AWG total expenditure profiles applied to PERSONAL care users	<ul style="list-style-type: none">•Age/sex/setting-specific AWG total expenditure profiles applied to ALL care users•Includes cash benefits