



**SISTEMA DE
INFORMACIÓN**
del Sistema
Nacional
de Salud

"El Sistema de Información del Sistema Nacional de Salud en el siglo XXI"

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Ministerio de Sanidad, Servicios Sociales e Igualdad
Salón de Actos Ernest Lluch

Strengthening primary care system across OECD countries

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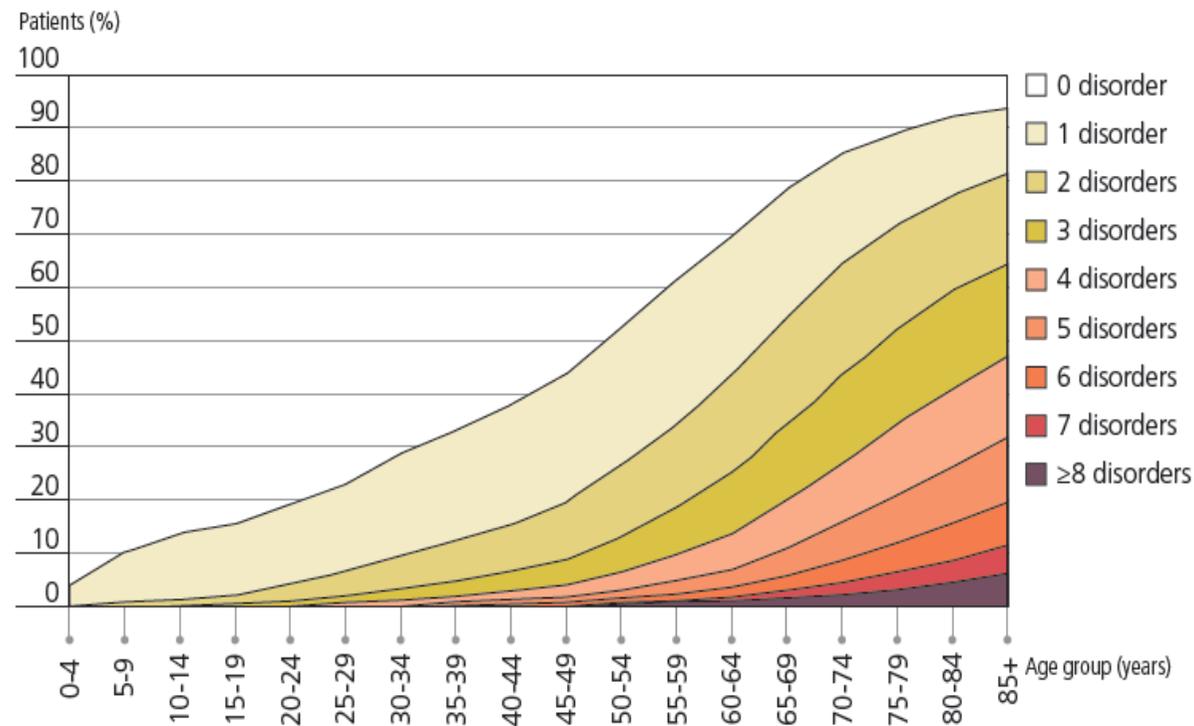
Rationale of investing in strong primary care systems





Patients are becoming more complex...

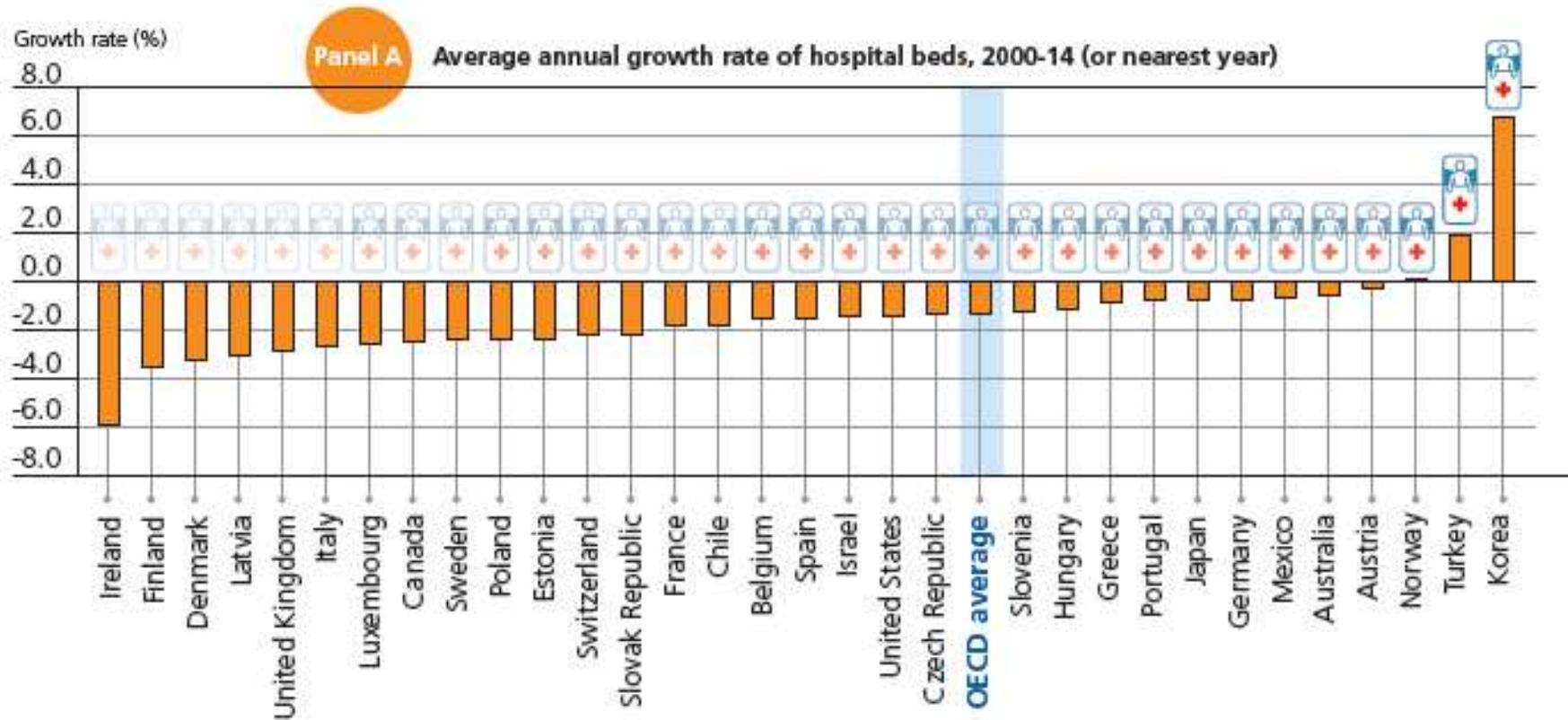
Figure 1.1 **The prevalence of multimorbidity is increasing with age**



Source: Adapted from Barnett, K. et al. (2012), "Epidemiology of Multimorbidity and Implications for Health Care, Research, and Medical Education: A Cross-sectional Study", *The Lancet*, Vol. 380, No. 9836, pp. 37-43.



Reliance on acute care is diminishing...

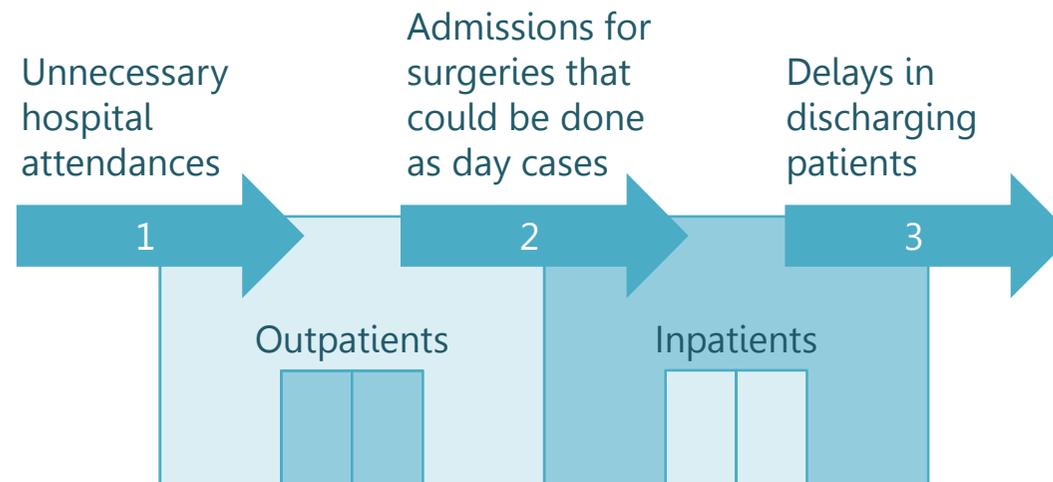


Source: OECD health statistics



...and primary care is stepping up to reduce waste

- Problems at the interfaces of hospitals and other services
 - Unnecessary emergency department attendance
 - Too many people being admitted (rather than treated on an ambulatory basis)
 - Delays in discharging patients





*Arrangements of primary care across OECD
countries*



Primary care arrangements differ across OECD countries

17 countries

Primary care **control access** to secondary care

- To ensure that patients receive the best possible care for their conditions
- To achieve greater coordination

22 countries

Primary care is mainly organised around **group practice**

- To improve access to and quality of care for patients
- To avoid the constraints and isolation related to solo practice

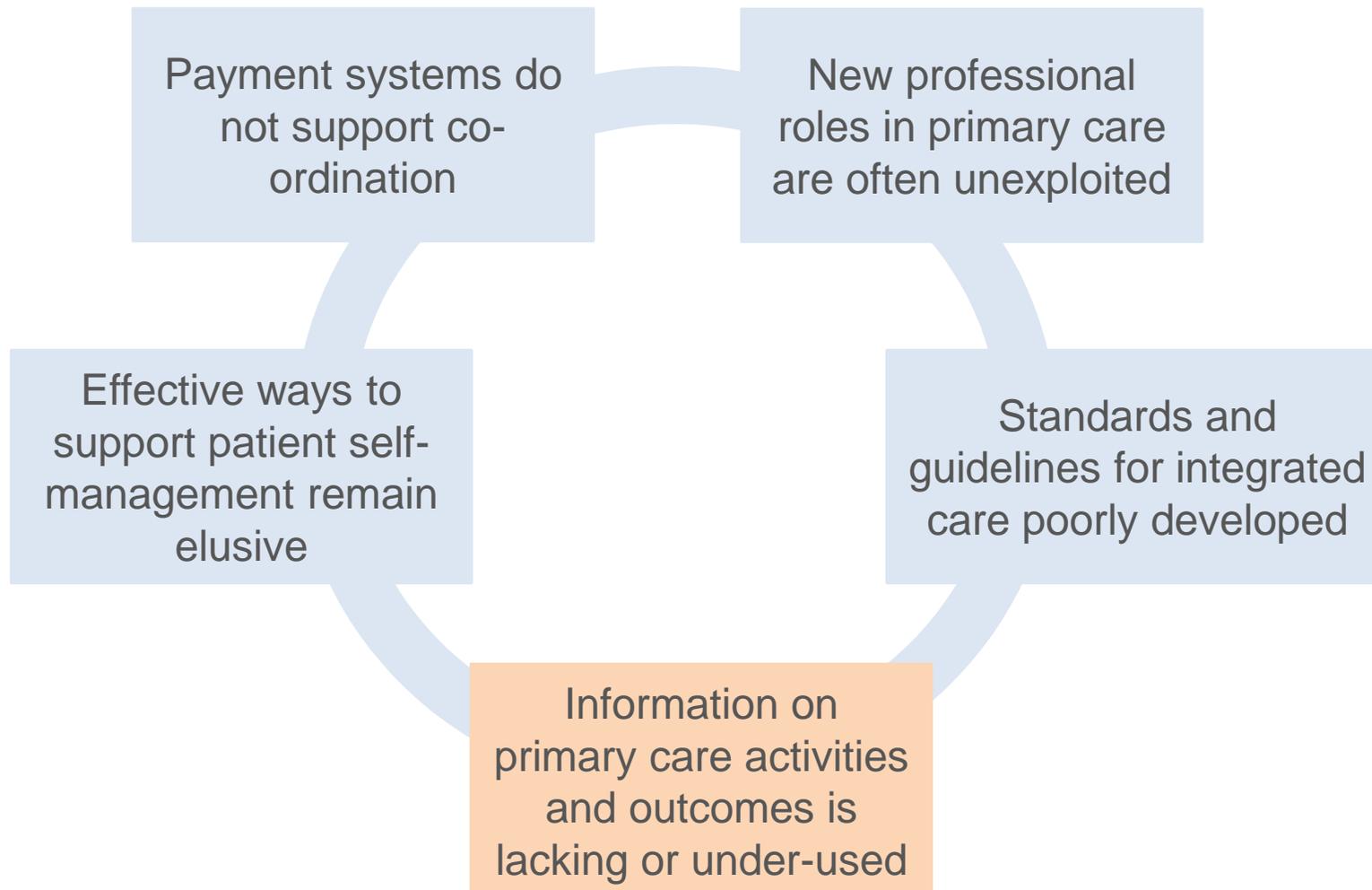
14 countries

Blended forms of payments is used

- Incentivise provision of high-quality care
- Facilitate care co-ordination for people with complex needs across health providers



But all share common weaknesses





*Strengthening information system in primary
care*



Measuring access to and utilisation of primary care (1/2)

SIAP and BDCAP systems in Spain

- Focus on access and activities of primary care services at regional and national level
- Examples of indicators :
 - Number of nurses and general practitioners consultations (per sex, age, place of consultation, etc..)
 - Pharmaceutical prescription in primary care
 - Number of X-rays performed



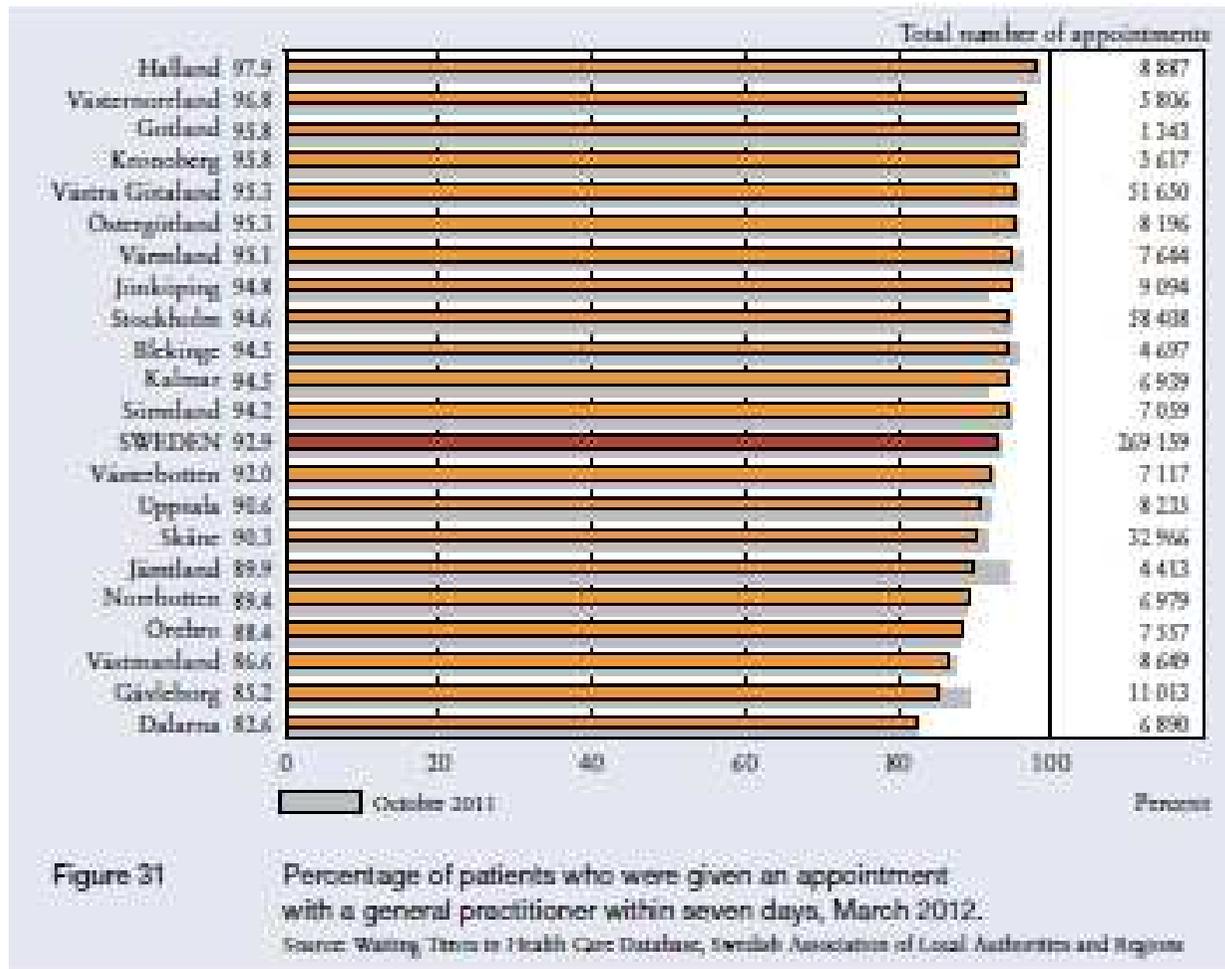
SALAR and the National Board on Health in Sweden

- Focus on the performance on a general and regional system level (primary and specialist care)
- Examples of indicators:
 - Perceived availability of appointments at primary care clinics
 - Availability of primary care by phone
 - Appointment with a primary care doctor within 7 days





Measuring access to and utilisation of primary care (2/2)





Measuring quality and clinical performance of primary care services (1/2)

The Tuscan Performance Evaluation System

- More than 130 indicators, grouped in 5 domains including good management of chronic diseases
- Example of indicators:
 - Preventable hospitalisation for chronic conditions
 - GP follow chronic care model
 - Patient with heart failure treated with beta blockers



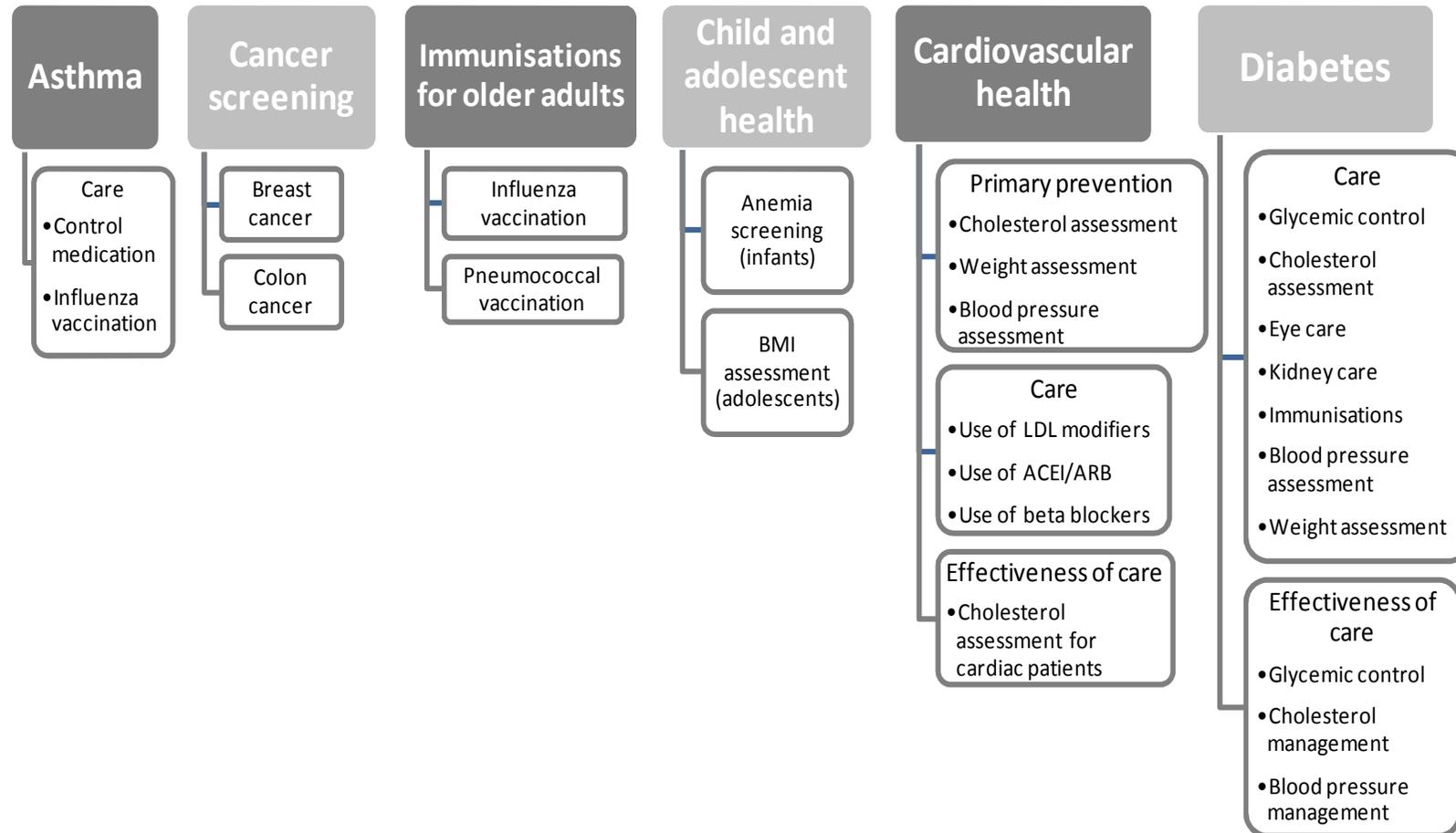
The Quality Indicators in Community Healthcare in Israel

- It covers six areas of primary care activity focussing on primary prevention, disease management and effectiveness of care
- Example of indicators:
 - Influenza vaccination for individual with persistent asthma
 - Assessment of inadequate glycemic control for patients with diabetes





Measuring clinical performance of primary care services (2/2)





Measuring cost, waste and efficiency in primary care

Scinico in Portugal

- Covers family practice, nursing appointments, nutrition appointments, and basic emergency care.
- Wide number of quality indicators, prevalence and incidence for a number of chronic diseases.
- Examples of indicators:
 - Average spending on drugs billed for user
 - Average expenditure per user of prescription drugs user



The Quality and Outcomes Framework in the United Kingdom

- Comprehensive data for every practice on quality of care
- There are 150 indicators
- Example of indicators:
 - costs of medicines in the community,
 - costs and use of generics,
 - use of emergency department for conditions that could be treated in primary care settings





Measuring equity in primary care

SIAP in Spain

The numbers of consultation with general practitioners or nurses is available by working status



The Quality and Outcomes Framework in the United Kingdom

The numbers of patients registered at GP practices is available by education groups



The Tuscan Performance Evaluation System in Italy

Emergency department access rate are standardised per education groups



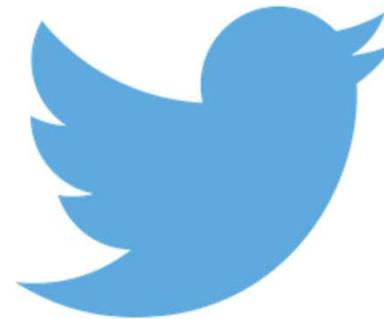
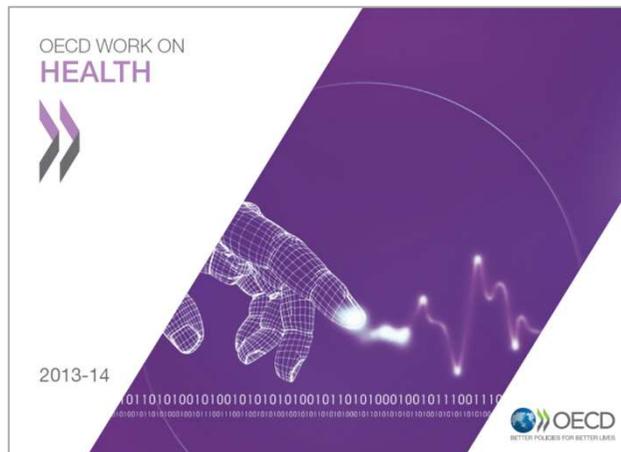


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