

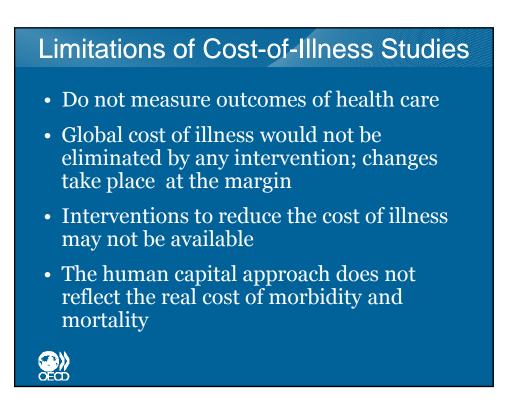
Making an Economic Case

PREVENTION IS KEY: MAIN MESSAGES

• A preventive approach is cost effective—from national policy changes to local interventions. Calculations from the UK alone, for example, estimate that ill health related to poor diet and physical inactivity cost the country's health system 7.7 billion euros in 2006-7.¹¹

Source: EHN, 2011

The Right Approach?



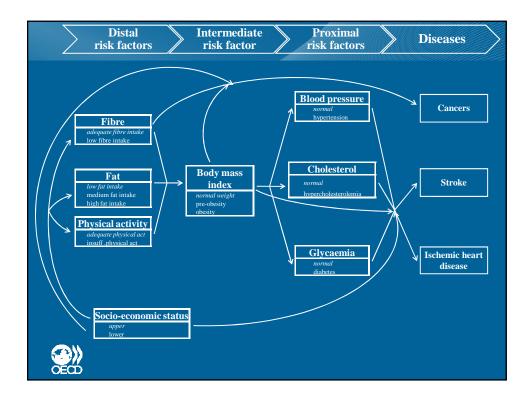
What Policy Options?

- Increase choice
- Information, education, change established preferences (nudging)
- Raise the price of unhealthy choices
- Ban unhealthy behaviours



Unhealthy diet (15-30m DALYs; 1-2% global burden ^o (15-30m CALYs; 1-2% global burden ^o (1	Reduce salt intake * Replace trans fat with polyunsaturated fat * Promote public awareness about diet *	Effect of salt reduction: 5 m DALYs averted Other interventions: Not yet assessed globally	v	ery cost-effective	Very low cost	Н	Highly feasible Highly feasible	
	Restrict marketing of food and betrenges to children Replace saturated far with unsaturated fat Manage food taxes and subsidies Offer counselling in primary case Provide health education in worksites Promote healthy eating in schools			ery cost-effective? ore studies needed)	Very low cost	Н		
				uite cost-effective	Higher cost		Feasible (primary care) Highly feasible	
Physical inactivity (> 30m DALYs; 2.1% global burden)	Promote physical activity (mass media) * Promote physical activity (communities) Support active transport strategies Offer counseling in primary care Promote physical activity in worksites Promote physical activity in schools	Not yet assessed globally	No Qi	ery cost-effective t assessed globally nite cost-effective ess cost-effective	Very low cost Not assessed globally Higher cost	ssed globally Intersectoral action Feasible (primary care)		
	Counselling & multi-drug therapy (including		, L	cost-enecuve				
Cardiovascular disease (CVD)	glycemic control for diabetes mellitus) for people (≥30 years), with 10-year risk of fatal or nonfatal cardiovascular events ≥ 30% *	60 m DALYS av (35% CVD but			cost			
& diabetes	Aspirin therapy for acute myocardial infarction*	4 m DALYs averted (2% CVD burden) 70 m DALYS averted (40% CVD burden)		Very cost-effectiv	e Quite low	cost	Feasible (primary care)	
(170m DALYs; 11.3% global burden)	Counselling & multi-drug therapy (including glycemic control for diabetes mellitus) for people (\geq 30 years), with a 10-year risk of fatal and nonfatal cardiovascular events \geq 20%			Quite cost-effectiv	7e Higher o	ost		

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Health education and health promotion	Regulation and fiscal measures	Primary-care based interventions	
Mass media campaigns	Fiscal measures (fruit and vegetables and foods high in fat)	Physician counselling of individuals at risk	
School-based interventions	Government regulation or industry self-regulation of food advertising to children	Intensive physician and dietician counselling of individuals at risk	
Worksite interventions	Compulsory food labelling		

Expectations Must Be Realistic

- Does prevention improve health?
- Does it reduce health expenditure?
- Is it cost-effective?
- Does it improve health inequalities?



