

Erasmus School of
Health Policy
& Management

MSc Health Economics, Policy & Law (HEPL)

MSc Health Economics

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Programme director

Erasmus University Rotterdam



This session

- HEPL and Health Economics, what are they about?
- Contents of the programme: examples from two courses
- Organisation of the programme
- Employability
- Admission
- Your questions

What is HEPL/HE about?

- Two programmes:
 - HEPL (multidisciplinary)
 - HE (monodisciplinary)
- Improving healthcare, health systems and health policy
- Designed to provide students with the **conceptual** knowledge and **analytical** skills to understand and explain the **complexities** of **healthcare systems** and **health policy issues**

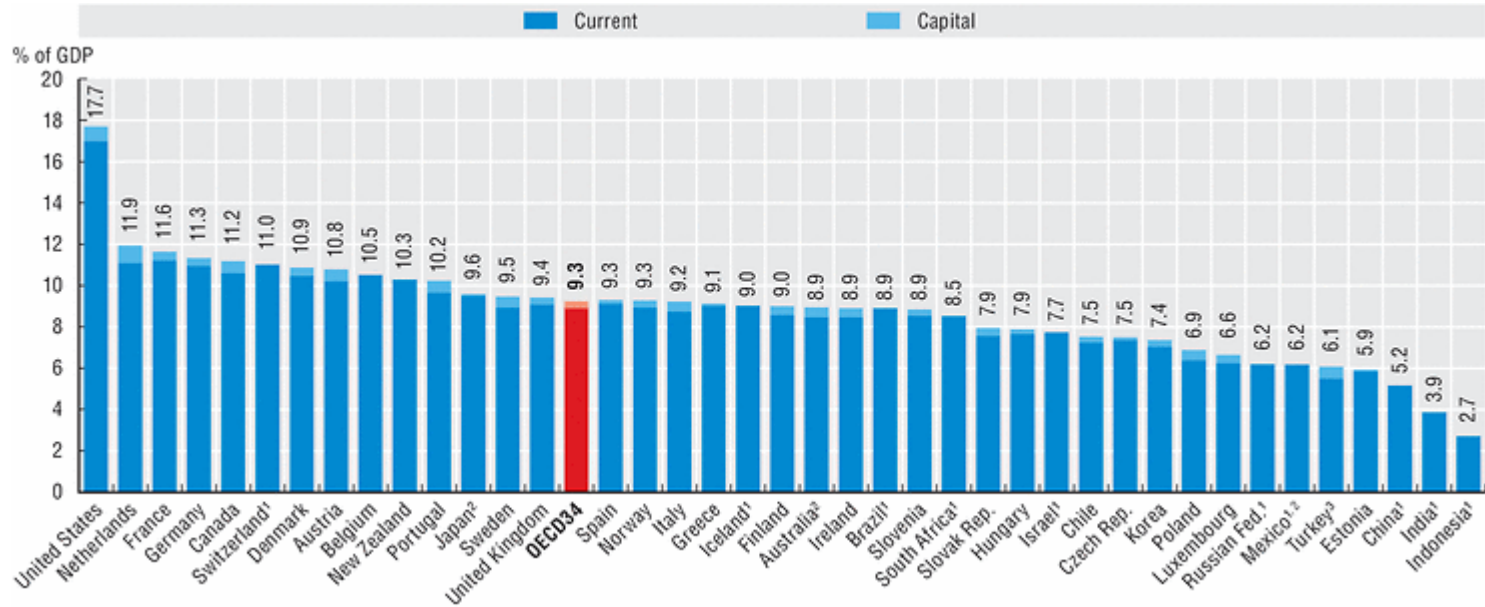
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Health systems

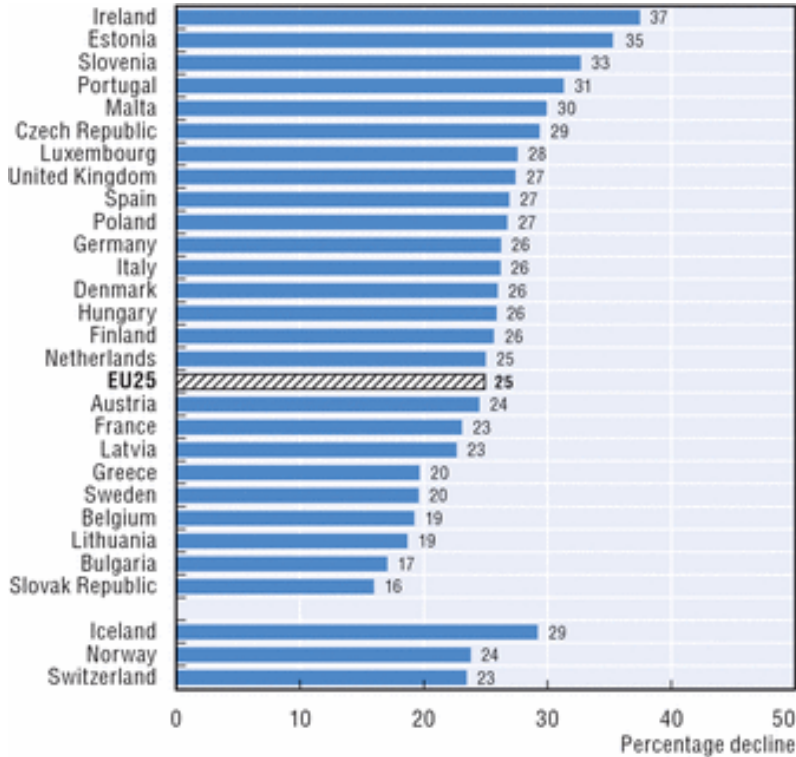
- How is healthcare provided and paid, how are decisions made?
- Different countries make different choices
- Market-oriented, government-based, or a mixture?
- Who owns hospitals and insurers?
- What is covered by health insurance or provided by the system?
- Are doctors employees on a salary, or are they paid per service?
- Healthcare for free or co-payments?
- Equal access to healthcare or more access for some?

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Healthcare expenditure: substantial part of GDP



What do we get for it?



Declining mortality rates, since 1995

Central question: value for money?

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HEPL/HE: Improving healthcare and health policy

- What challenges do health policy makers face?
- What options exist for health policy?
- How can economic thinking help understand the behaviour of patients, providers, payers and policy makers?
- How do different healthcare systems perform?
- How is policy shaped?
- What are the legal conditions for health policy?
- How should empirical research in healthcare be conducted and interpreted?

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Curriculum

HEPL	SEMESTER 1			SEMESTER 2		
	BLOCK 1	BLOCK 2	BLOCK 3	BLOCK 4	BLOCK 5	BLOCK 6
COURSE 1	ECONOMICS AND FINANCING OF HEALTH CARE SYSTEMS	ECONOMICS OF HEALTH AND HEALTH CARE	INTERNATIONAL HEALTH LAW	THESIS	THESIS	THESIS
COURSE 2	ADVANCED RESEARCH METHODS	HEALTH TECHNOLOGY ASSESSMENT	COMPARATIVE HEALTH POLICY	ELECTIVE COURSE	ELECTIVE COURSE	THESIS

HE*	SEMESTER 1			SEMESTER 2		
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COURSE 2	QUANTITATIVE METHODS FOR APPLIED ECONOMICS	HEALTH TECHNOLOGY ASSESSMENT	PUBLIC HEALTH ECONOMICS	ELECTIVE COURSE	ELECTIVE COURSE	THESIS

*with Erasmus School of Economics



Economics and financing of healthcare systems

- Core course 1
- HEPL/HE

- Types of healthcare systems
- Understand systems from a mainly economic perspective

Do you agree?

'Healthcare expenditure should grow less'

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Why do expenditures grow?

- Advancing medical science and technology
- Ageing of the population
- Shift towards chronic diseases
- Increasing prosperity: health(care) more valuable
- Baumol's "cost disease"
- Incentives for healthcare providers and patients

Economics of Health & Healthcare

- Core course 2
- HEPL/HE

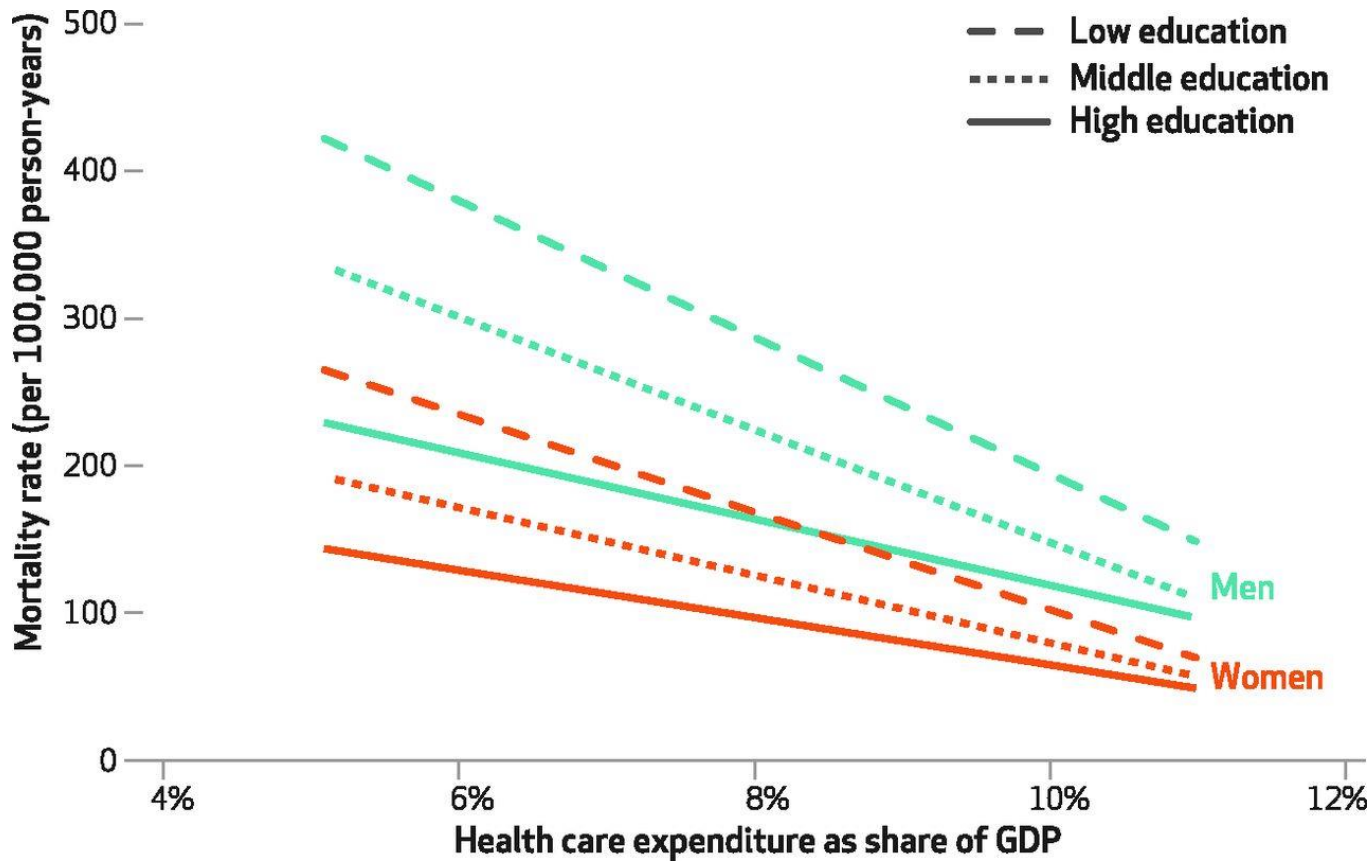
- Analysing the performance of healthcare systems
 - Equity: who pays and who benefits?
 - Efficiency: value for money

Do you agree?

'Rich people benefit more from
healthcare than poorer people'

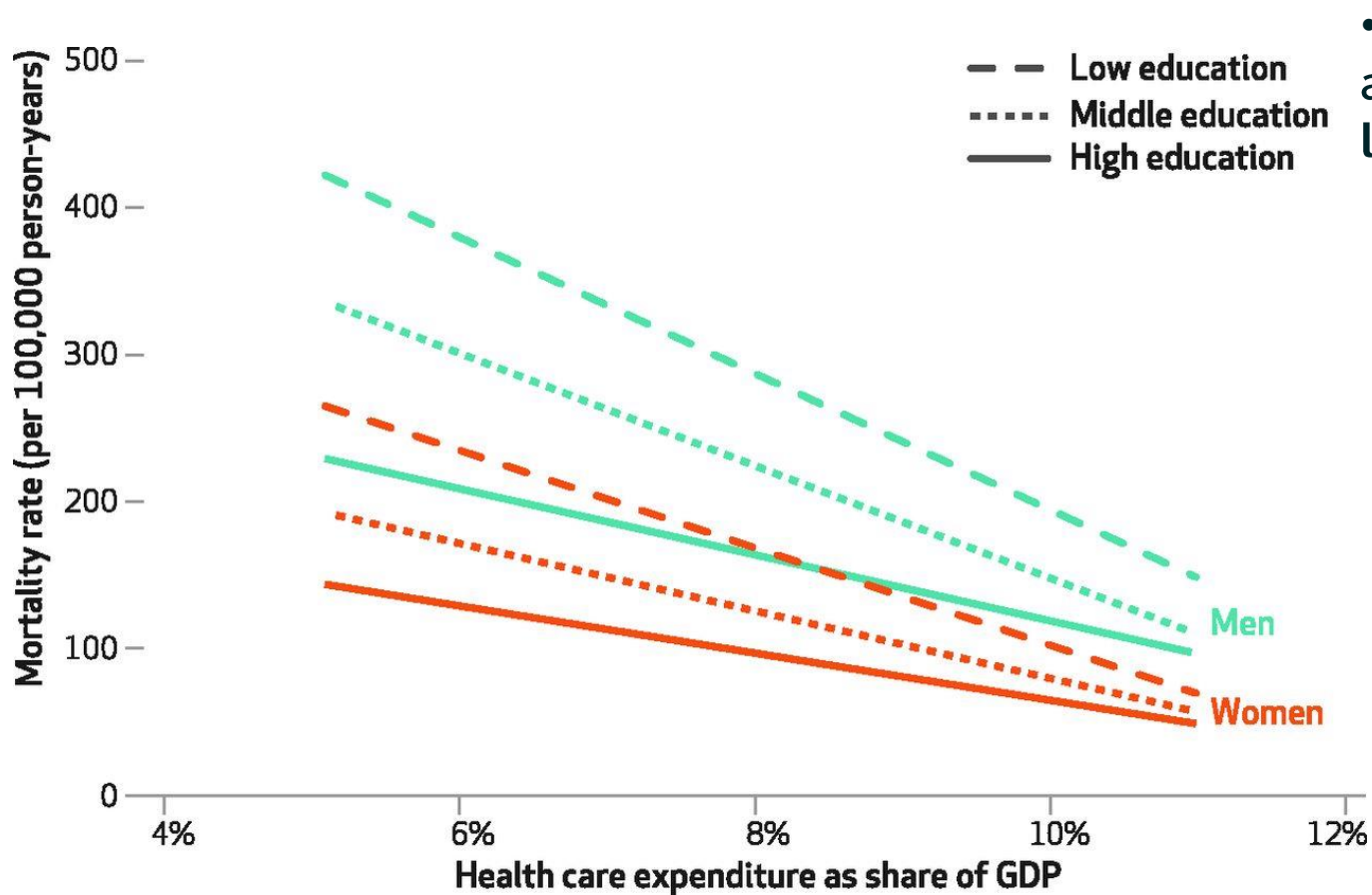
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Who benefits?



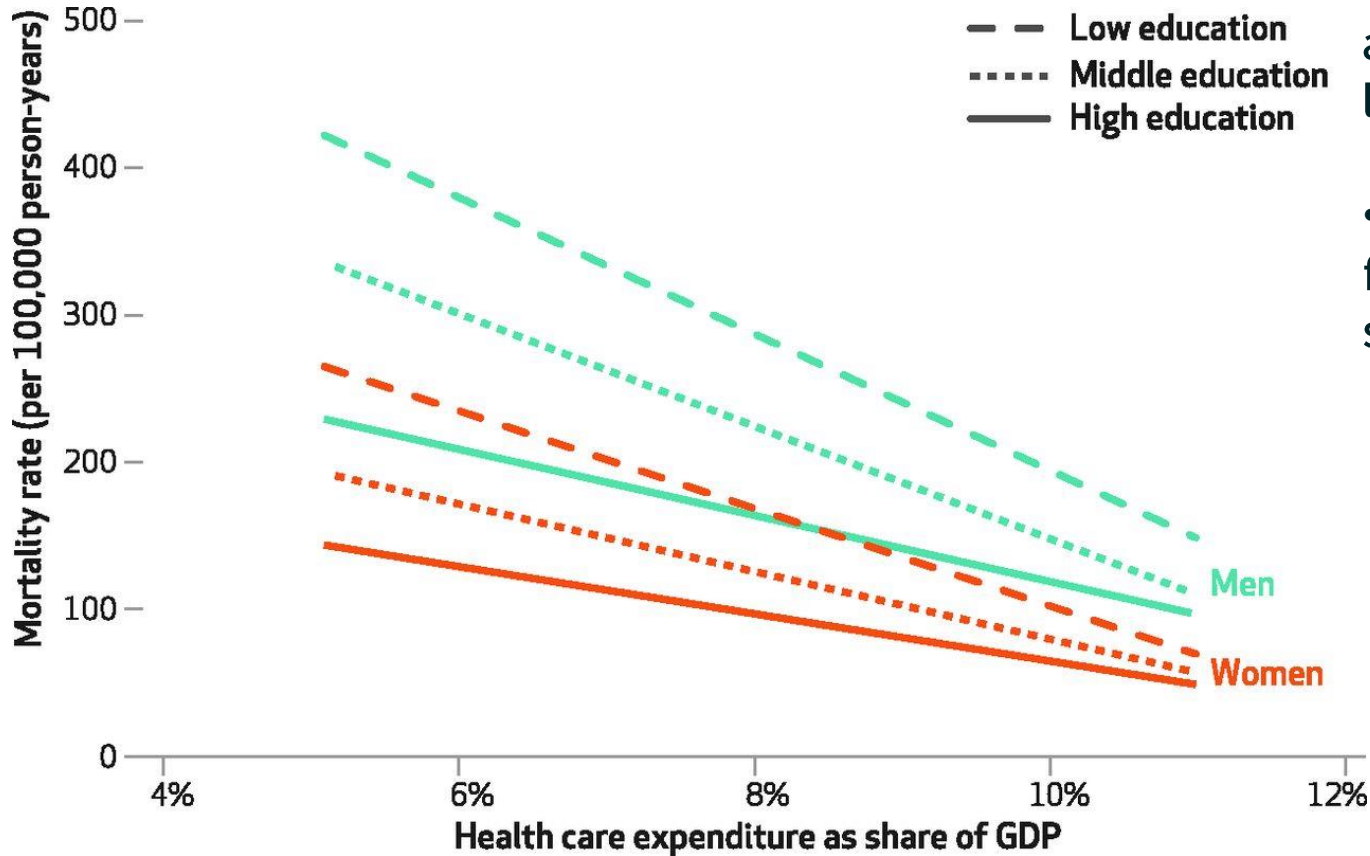
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Who benefits?



• More mortality among men and lowly educated

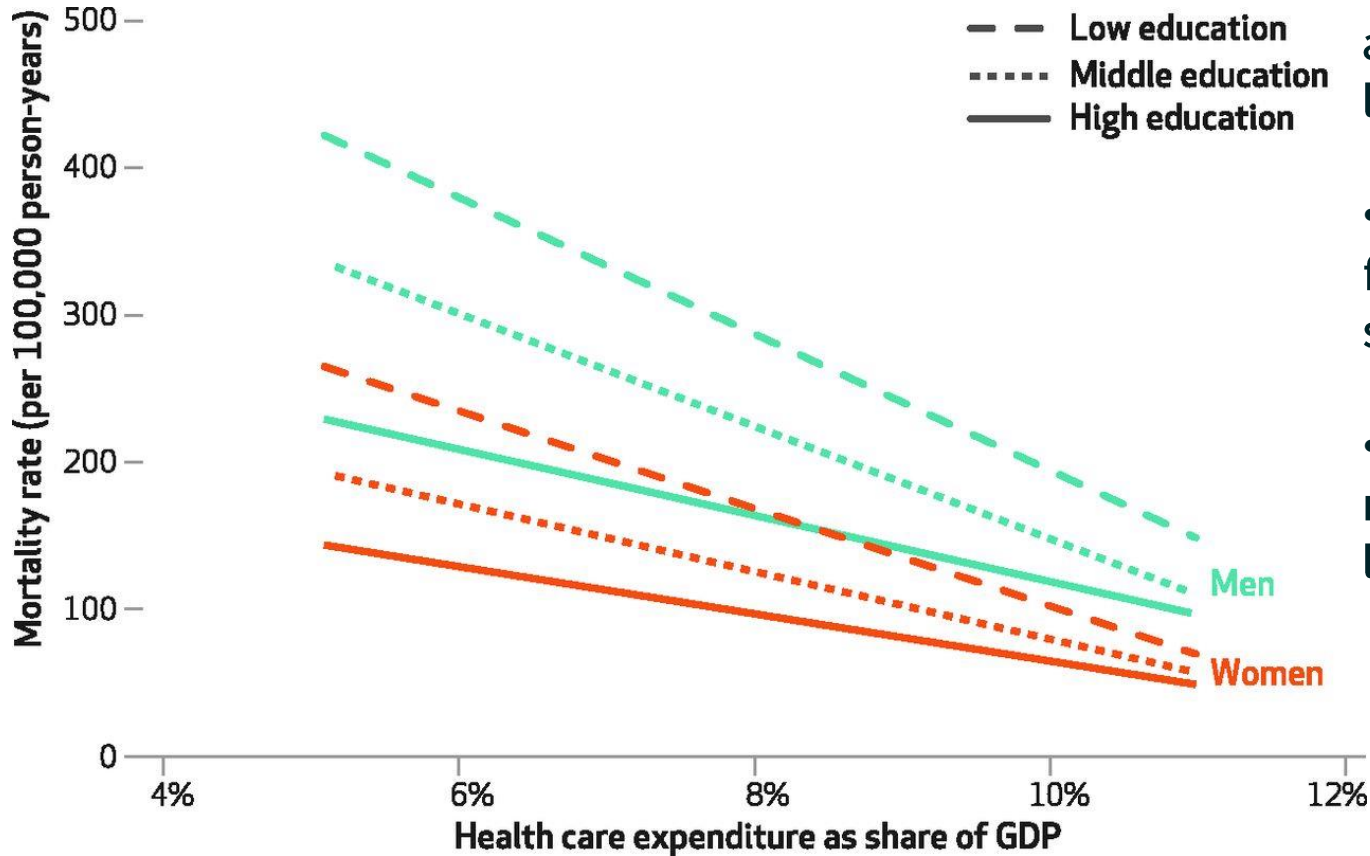
Who benefits?



- More mortality among men and lowly educated

- All groups benefit from more spending

Who benefits?

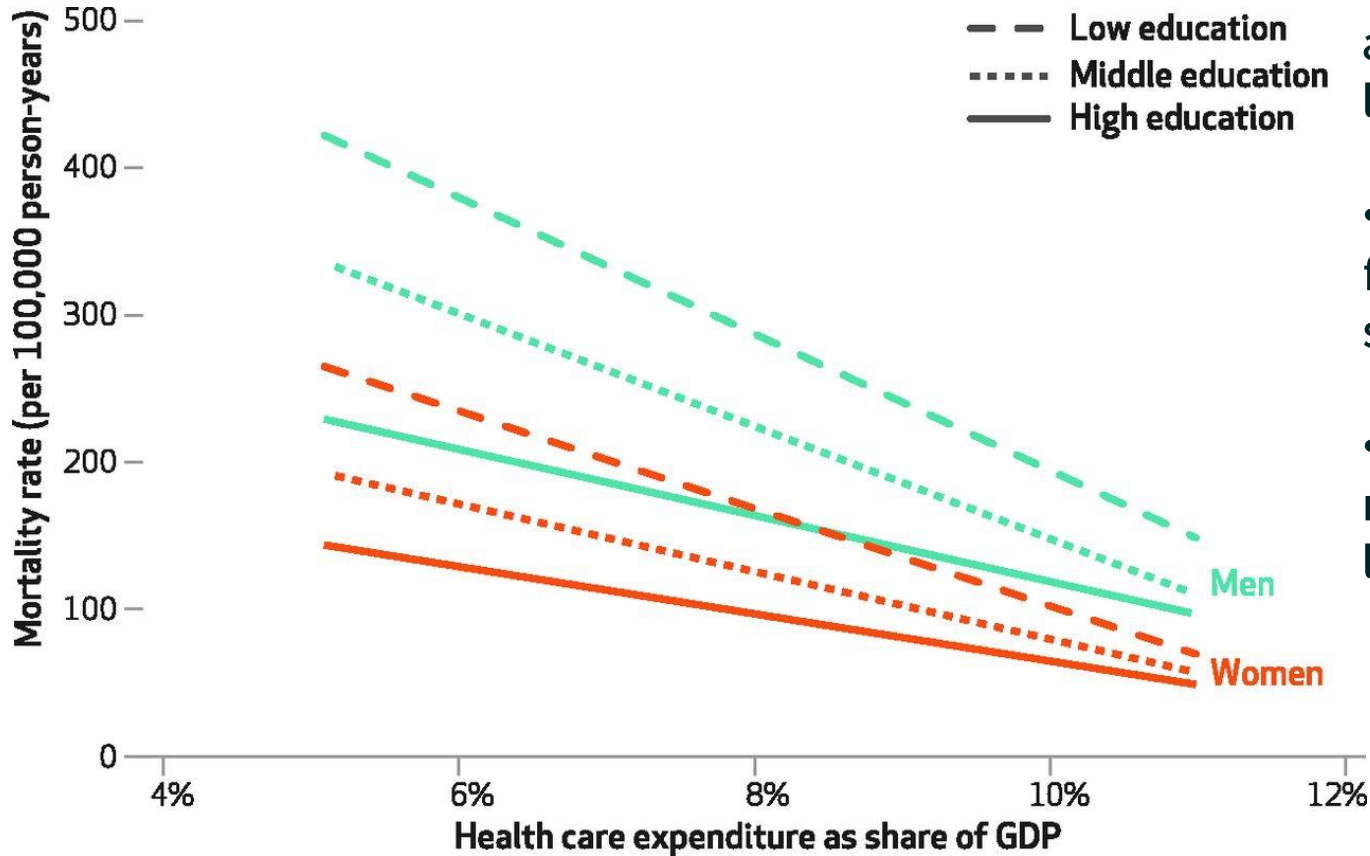


- More mortality among men and lowly educated

- All groups benefit from more spending

- Mortality drops most for men and lowly educated

Who benefits?

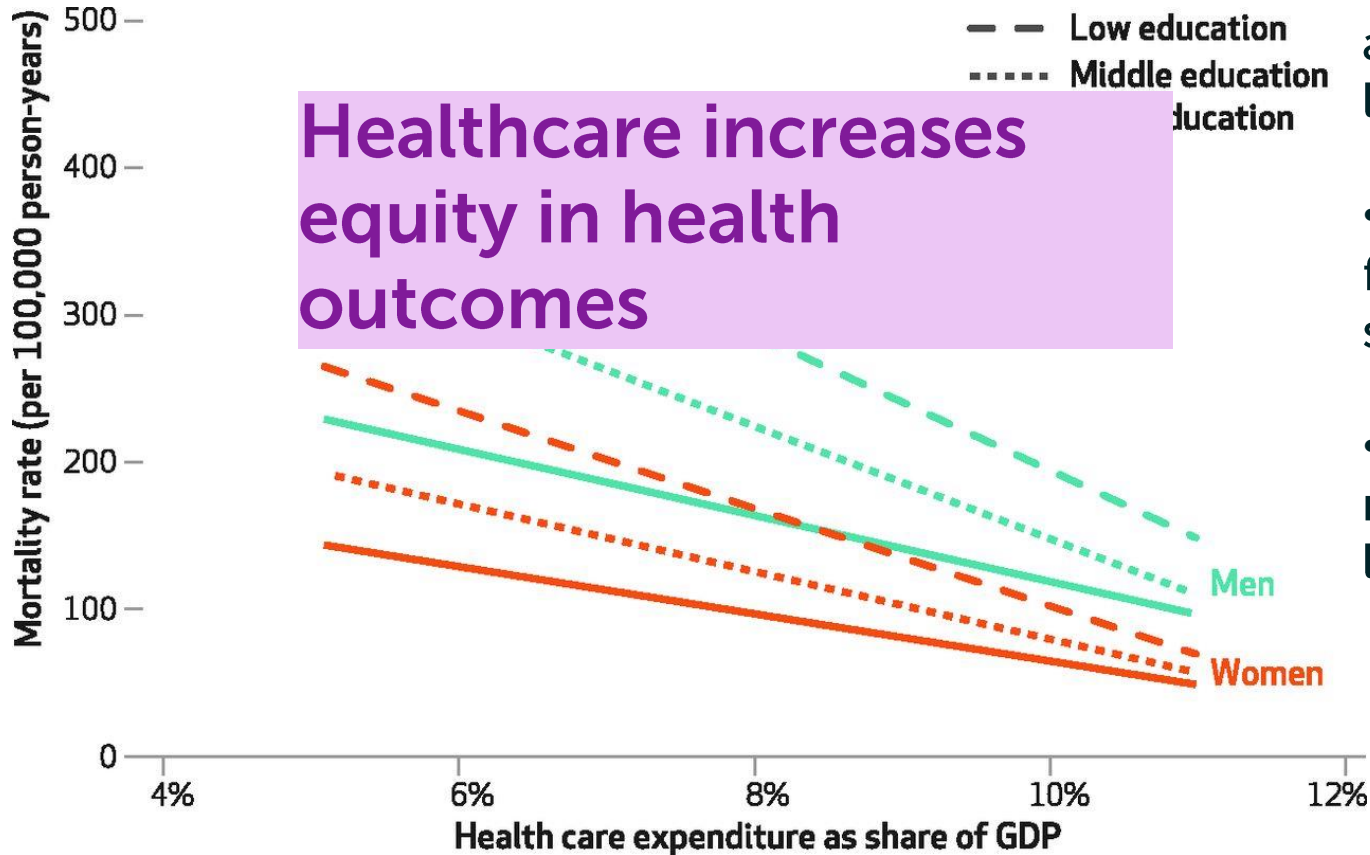


- More mortality among men and lowly educated

- All groups benefit from more spending

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Who benefits?



Healthcare increases equity in health outcomes

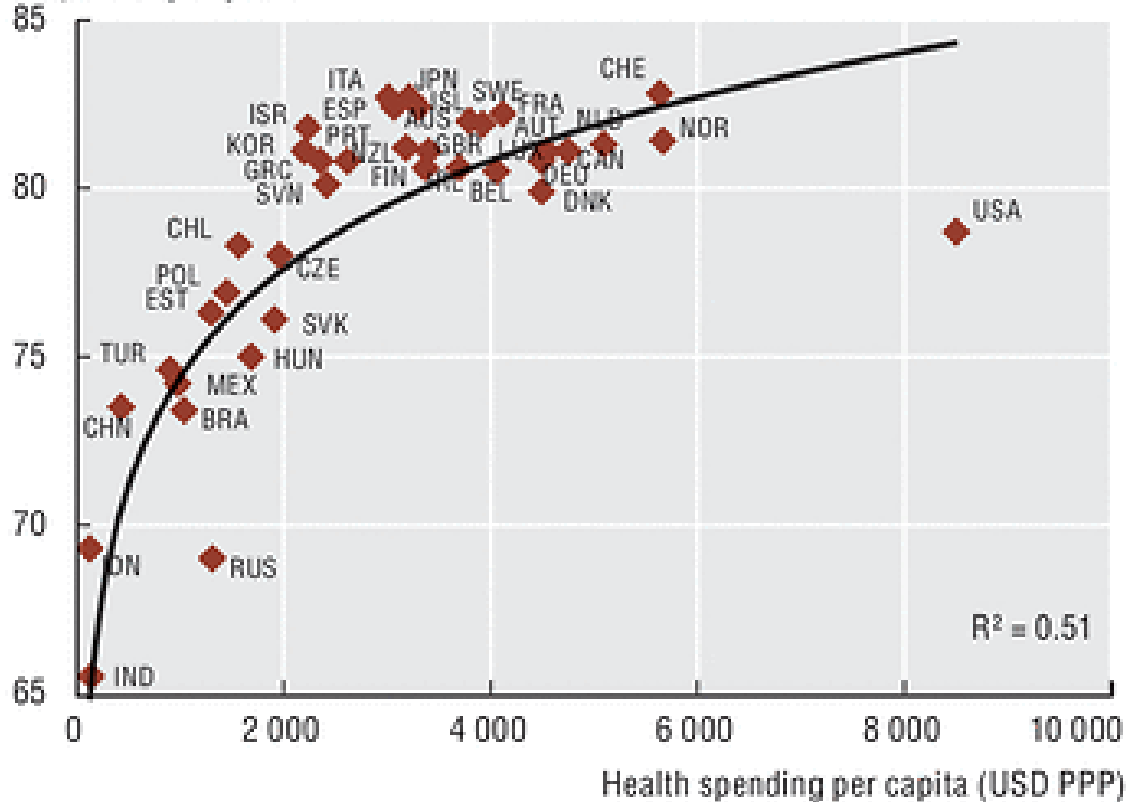
- More mortality among men and lowly educated

- All groups benefit from more spending

- Mortality drops most for men and lowly educated

Different choices, different results

Life expectancy in years



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Curriculum: electives

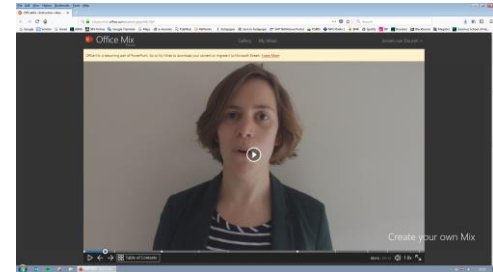
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COURSE 2	ADVANCED RESEARCH METHODS	HEALTH TECHNOLOGY ASSESSMENT	COMPARATIVE HEALTH POLICY	EL			
				Block	Elective course		
					4	Competition Policy in Health Care	
						Global Health Economics	
						Measurement of Patient Preferences using DCE	
						Advanced Health Economic Modelling	
				Healthcare Ethics			
				5	Advanced Economic Evaluation		
					Pharmaceutical Pricing And Market Access		
					Health, Economic Development & Policy		
					Governing Healthy Cities		
HE	SEMESTER 1						
	BLOCK 1	BLOCK 2	BLOCK 3	B			
COURSE 1	ECONOMICS AND FINANCING OF HEALTH CARE SYSTEMS	ECONOMICS OF HEALTH AND HEALTH CARE	RESEARCH TOPICS IN HEALTH ECONOMICS				
COURSE 2	QUANTITATIVE METHODS FOR APPLIED ECONOMICS	HEALTH TECHNOLOGY ASSESSMENT	PUBLIC HEALTH ECONOMICS	ELECTIVE COURSE	ELECTIVE COURSE	THESIS	

Organisation of education

- Lectures
- Workgroup meetings
- PC labs
- Online preparation



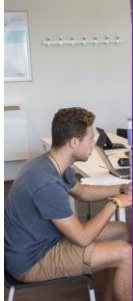
- Presentations
- Literature
- Essays
- Exams
- Master's thesis



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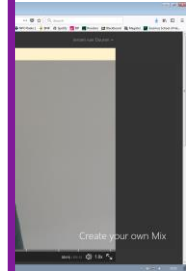
Organisation of education

- Lectures
- Workgroup meetings
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- Interaction of **teaching**, academic **research** and the **professional field**
 - All teachers are publishing researchers
 - Guest lectures
 - Examples from the real world

- Presentations
- Literature
- Essays
- Exams
- Master's thesis



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Planning

- **Study load** of the programme is 60 ECTS (1 ECTS = 28 hours)
- **Full-time study** (5 days / 40 hours per week)
 - September – first half of July/last week of August
 - Two weeks off over Christmas
 - 10-16 hours a week of teaching contact
- No **part-time** programme
 - Organising it yourself is not encouraged

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Corona

- Principle: the corona crisis should not make studying impossible
- Some students may be unable to travel to Rotterdam
- Accessibility of campus uncertain
- Large meetings?

- Block 1: all courses can be followed online
 - Lectures broadcasted through Canvas and recorded on video
 - Videoconferencing for small-scale meetings, tutorials, practicals

- Block 2: ?

Graduation!

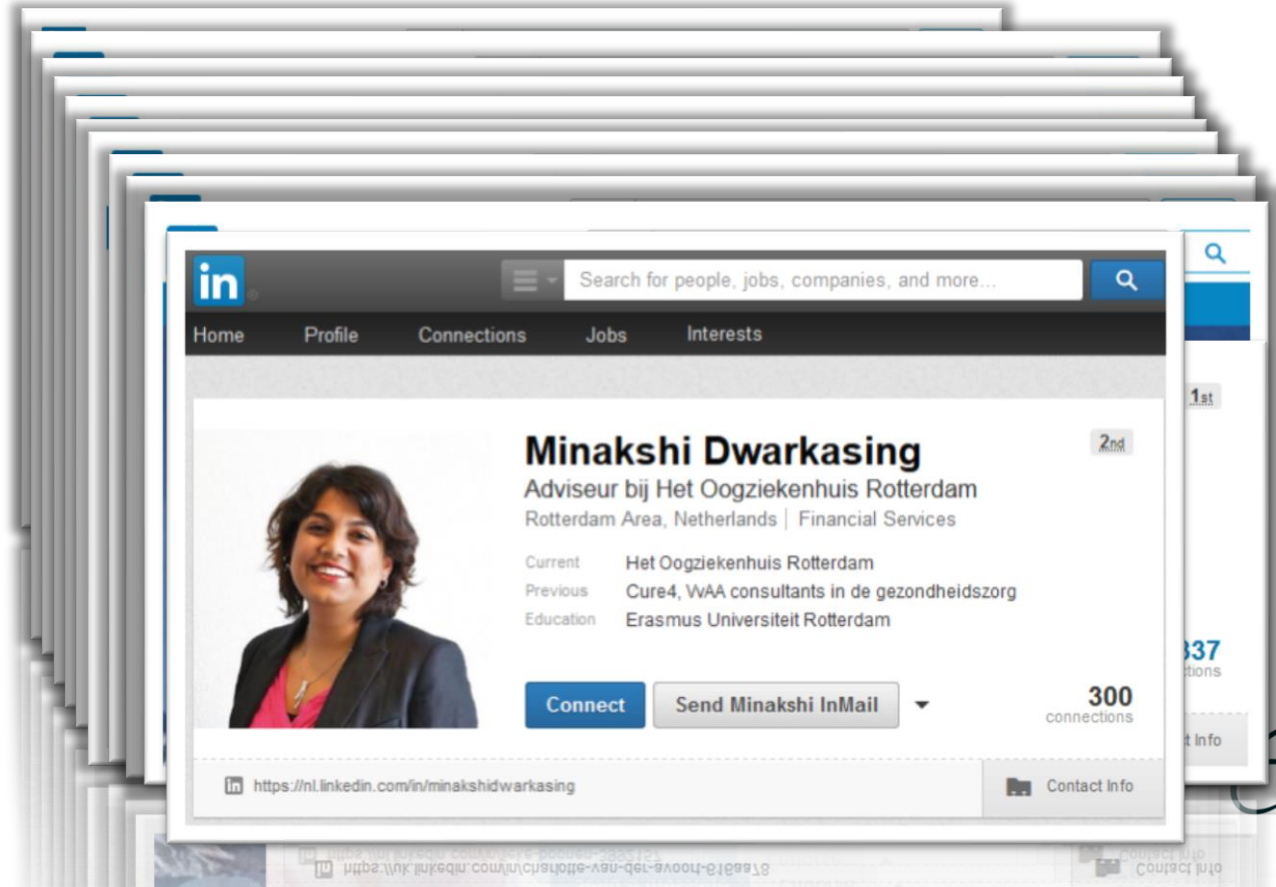


Employability

- Government departments
 - International organisations
 - Universities
 - Pharmaceutical industry
 - Consultancy firms
 - Insurance companies
 - Organisations in the healthcare sector
 - European Parliament?
 - ...
- Do you want to be a hospital manager? Health Care Management...

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Employability



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Admission requirements (I)

- **Direct enrolment** with bachelor/master degree from a Dutch university in:
 - ✓ Health Policy and Management
 - ✓ Public Health
 - ✓ Economics
 - ✓ Policy sciences
 - ✓ Law
 - ✓ Medicine
 - ✓ Pharmacy

Admission requirements (I)

- **Direct enrolment** with bachelor/master degree from a Dutch university in:
 - ✓ Health Policy and Management
 - ✓ Public Health
 - ✓ Economics
 - ✓ Policy sciences
 - ✓ Law
 - ✓ Medicine
 - ✓ Pharmacy
- All other applications are evaluated *individually*
- Admitted:
 - Non-Dutch degrees similar to list
 - Or sufficient background in (health) economics, health policy and/or policy science, research methods
 - Requirement for students without a degree from the Netherlands or an English-speaking country: proficiency in **English** (TOEFL B2, IELTS 6.5, or other designated test)

Do you want to improve healthcare and health policy?

- Is the healthcare sector important to you?
 - Do you like economics?
 - Are you interested in policy solutions?
 - Do you want to combine perspectives from different disciplines?
 - Do you want to think for yourself?
 - Do you have an open mind?
-
- We offer you a solid basis for an (international) career in the **public and private sector**, as well as for an **academic career**

⇒ We hope to see **you** in September!

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More information

- Contact:

[studyinformation@eshpm.eur.](mailto:studyinformation@eshpm.eur.nl)

[nl](http://www.hepl.nl/)

<http://www.hepl.nl/>

- Or ask your questions now!

Health Economics, Policy & Law

- > Specifications
- > Health Economics
- > Curriculum
- > Pre-master
- > Admission
- > Application
- > Student experience
- > Brochure
- > Master Open Day
- > Contact

Masteropleidingen

Health Economics, Policy & Law

Master of Science (MSc) in Health Economics, Policy & Law



Get a comprehensive view by exploring the economic, political and legal approaches to the complexities of healthcare systems. Health Economics, Policy & Law (HEPL) is a unique multidisciplinary master programme, with an international orientation.

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[About this programme](#)

[Admission](#)

Healthcare systems worldwide face complicated challenges. Policy makers want to retain or improve access to good-quality healthcare, but they also want to keep systems affordable for patients and tax payers. Meanwhile, healthcare expenditure is increasing, demographics are changing, expectations are higher and expensive new treatments are becoming available.

What are the causes of the problems systems face? What are the solutions? Take a multidisciplinary approach that combines legal, economic, managerial, and political thinking. See how countries balance efficiency and equity in their systems. Explore the impact that the European Union and other international bodies are having on healthcare systems. The master programme is internationally oriented and aims to attract students from all over the world.