

# Health Economics in Europe

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# My story

**Aug 2016**

*Started working as a  
Pharma business  
consultancy firm*

**Dec 2017**

*Applied for Erasmus  
Mundus European Masters  
in Health Economics and  
Management*



**Feb 2019**

*Started studies at Erasmus  
University Rotterdam,  
Netherlands*

**Jun 2016**

*Graduated with Doctor of  
Pharmacy from Manipal  
University, Karnataka India*

**Aug 2018**

*Started studies at Bologna  
University, Italy*



**Sept 2019**

*Started studies at  
University of Oslo,  
Norway*



# Health

Benefit of treatment

Life years gained

Progression free survival

Quality of life

+

# Economics

€ Resource utilization

€ Societal cost

€ Burden of disease

€ Budget impact

analysis

—€ Cost effectiveness

# Healthcare in Europe

## Europe Spending on healthcare



World Total: \$6.458 trillion\*  
Europe: \$1.897 trillion\*  
Share of world total: 29.4%



### Germany

Total: \$382 billion\*  
Per capita: \$4,668  
2005 > 2010: +28%  
Population: 81,777,000



### France

Total: \$304 billion\*  
Per capita: \$4,691  
2005 > 2010: +28%  
Population: 64,895,000



### UK

Total: \$218 billion\*  
Per capita: \$3,503  
2005 > 2010: +16%  
Population: 62,232,000



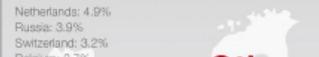
### Italy

Total: \$196 billion\*  
Per capita: \$3,248  
2005 > 2010: +24%  
Population: 60,483,000



### Spain

Total: \$133 billion\*  
Per capita: \$2,883  
2005 > 2010: +42%  
Population: 46,071,000



### Others

Netherlands: 4.9%  
Russia: 3.9%  
Switzerland: 3.2%  
Belgium: 2.7%  
Sweden: 2.3%  
Austria: 2.2%  
Norway: 2.1%  
Denmark: 1.9%  
Poland: 1.8%  
Greece: 1.8%  
Portugal: 1.3%  
Finland: 1.1%  
Ireland: 1.0%  
28 others: 5.0%



## Top 25 Countries

% of world health expenditures

1. United States: 40.1%
2. Japan: 8.0%
3. Germany: 5.9%
4. France: 4.7%
5. China: 4.6%
6. United Kingdom: 3.4%
7. Italy: 3.0%
8. Brazil: 3.0%
9. Canada: 2.8%
10. Spain: 2.1%
11. Australia: 1.6%
12. Netherlands: 1.4%
13. Russia: 1.2%
14. South Korea: 1.1%
15. Mexico: 1.1%
16. India: 1.0%
17. Switzerland: 0.9%
18. Belgium: 0.8%
19. Turkey: 0.8%
20. Sweden: 0.7%
21. Austria: 0.6%
22. Norway: 0.6%
23. Denmark: 0.6%
24. Poland: 0.5%
25. South Africa: 0.5%

The 25 countries listed above account for more than 90% of global health expenditures.

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\*Total health expenditures in USD

Source: World Health Organization (WHO) National Health Account database, 2010 data. Total health expenditure is the sum of public and private health expenditures. It includes the provision of health services (preventive and curative), family planning activities, nutrition activities, and emergency aid designated for health but does not include provision of water and sanitation.

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# Economics



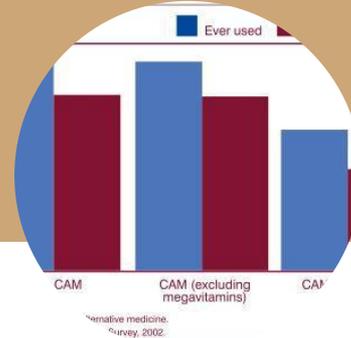
Health Financing

Finance , Accounting



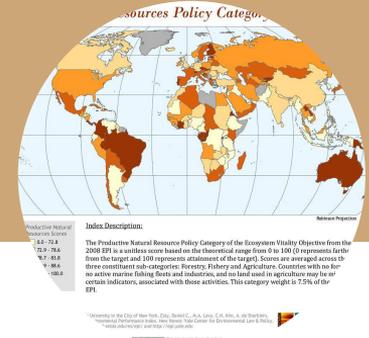
Healthcare  
Management

Accounting, Hospital  
management



Economic Evaluation/  
Decision making

Cost-effectiveness  
modelling, simulations



Health Policy

Policy analysis, Causal  
inferences





World Health Organization



Ministry of Health and Family Welfare  
Government of India



UNITED NATIONS



WORLD BANK



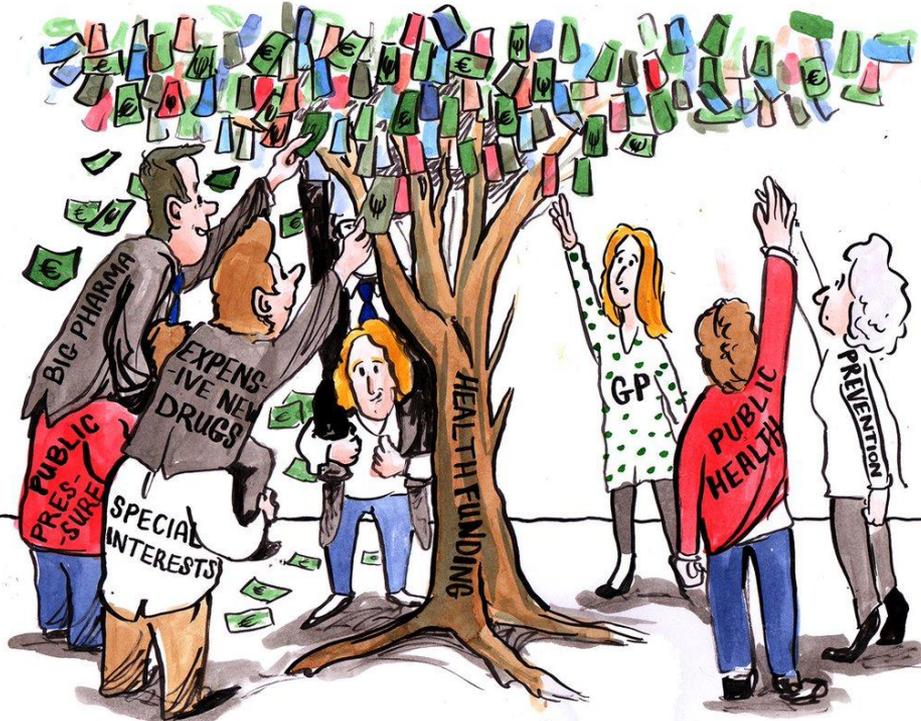
Abbott



Feel free to  
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ALLOCATION of SCARCE HEALTHCARE RESOURCES

el '16  
EOTR



Questions ?

*Thank You*



EUROPEAN  
FORUM  
ALPBACH

#efa19