

# World Poverty and Inequality: long term trends

ECON 3240 Spring 2015

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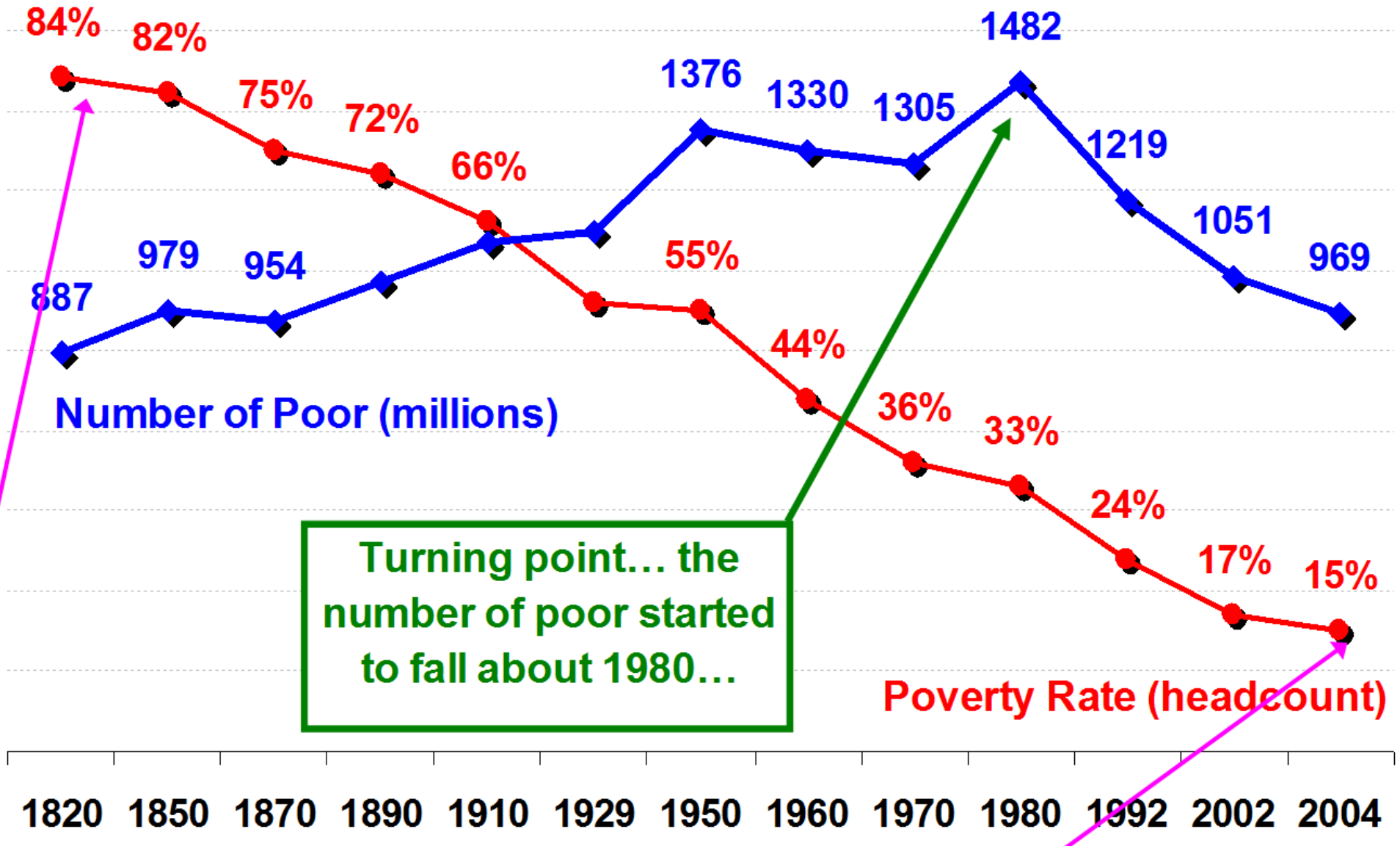
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# Poverty: Long Term Trends

Great Poverty Reversal: \$1/day poverty fell from 1820 to 2004: but the number of poor rose until 1980

Source: Bourguignon, François 2002

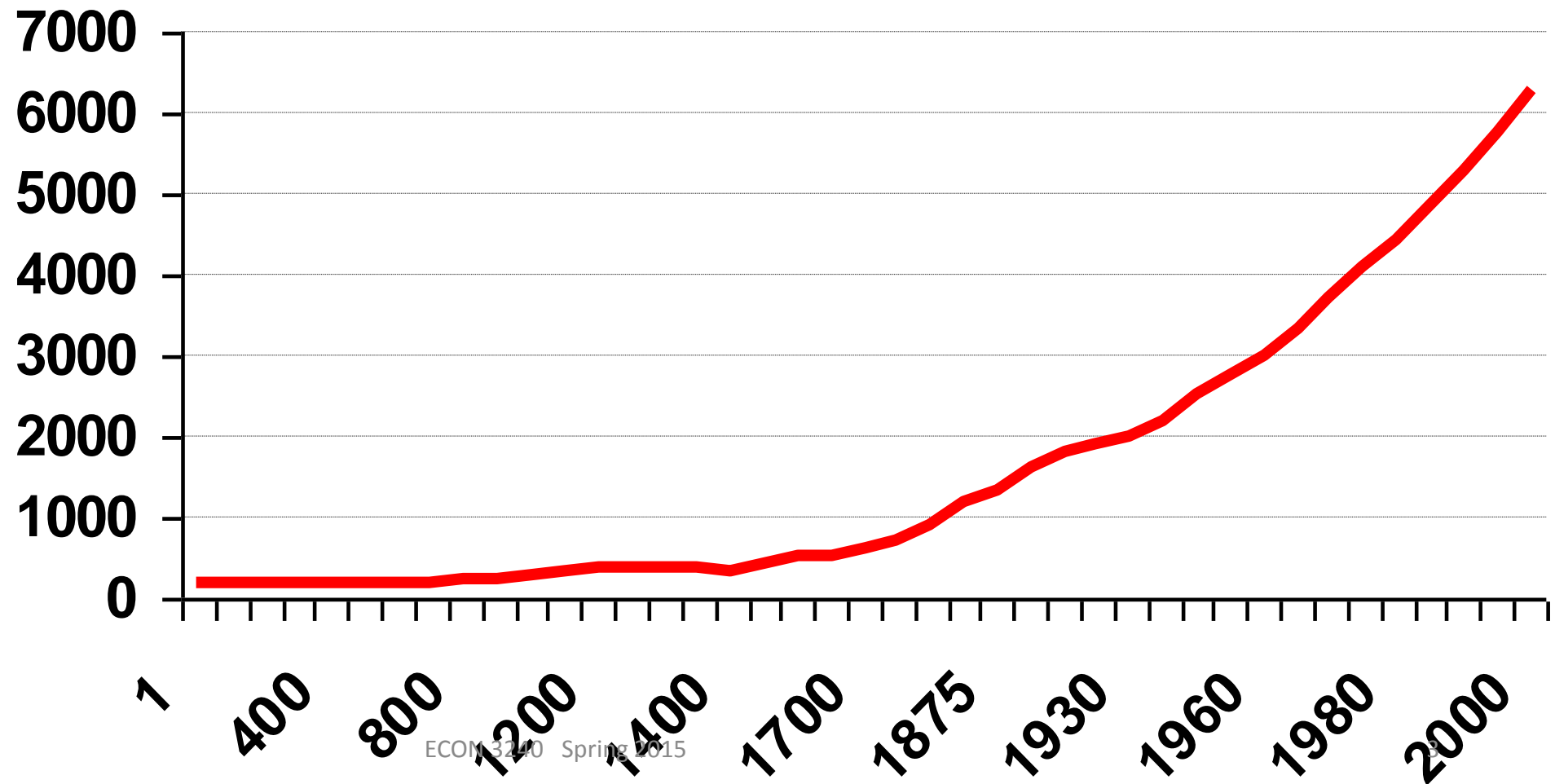
## Figure 1: World \$1/day Poverty Rates



Great poverty reversal: from 85% to 15% poor...

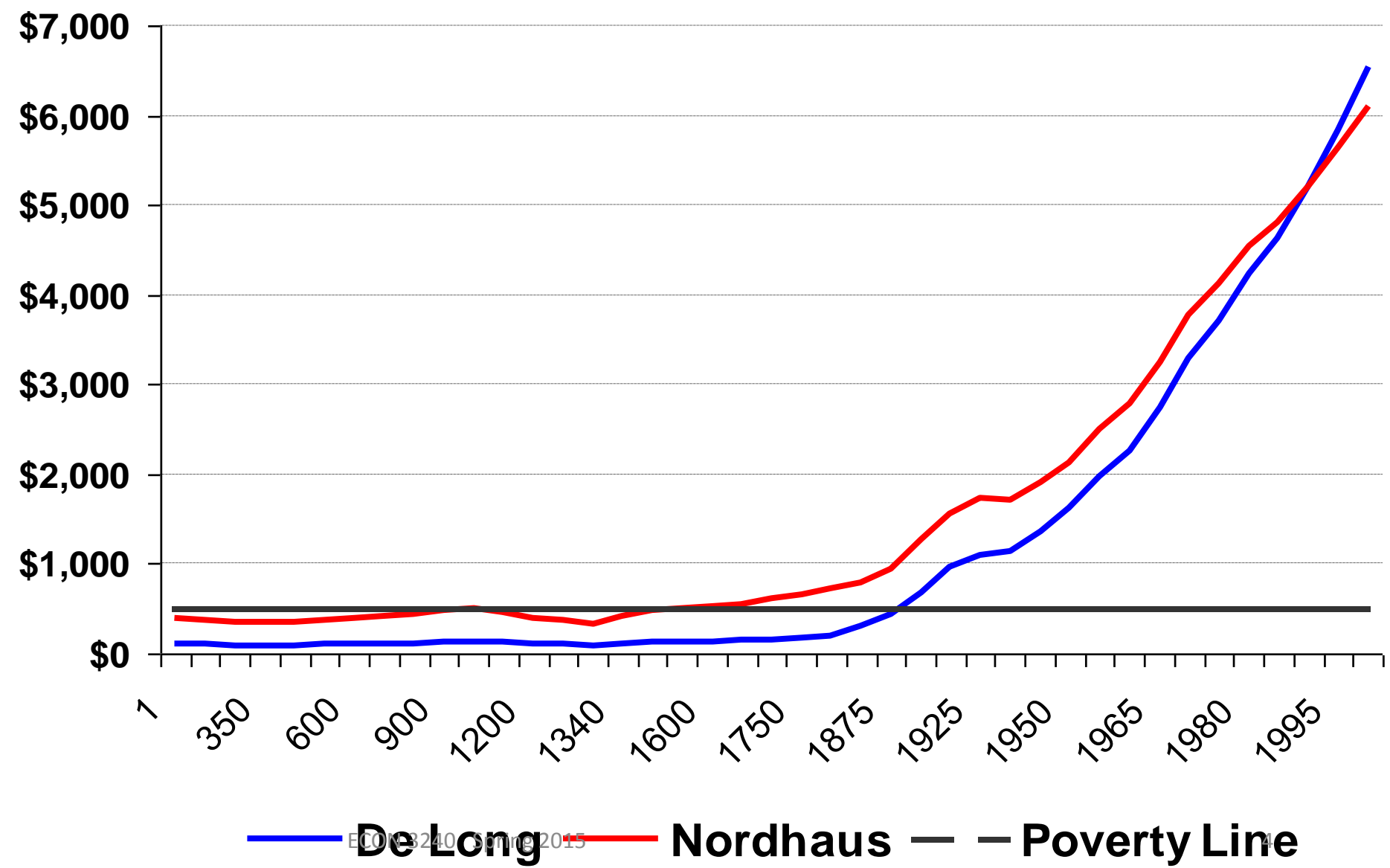
Over the past 200 years world population increased 6-fold – to about 6.4 billion in 2004

## Figure 2: 1000 Years of World Population (millions)



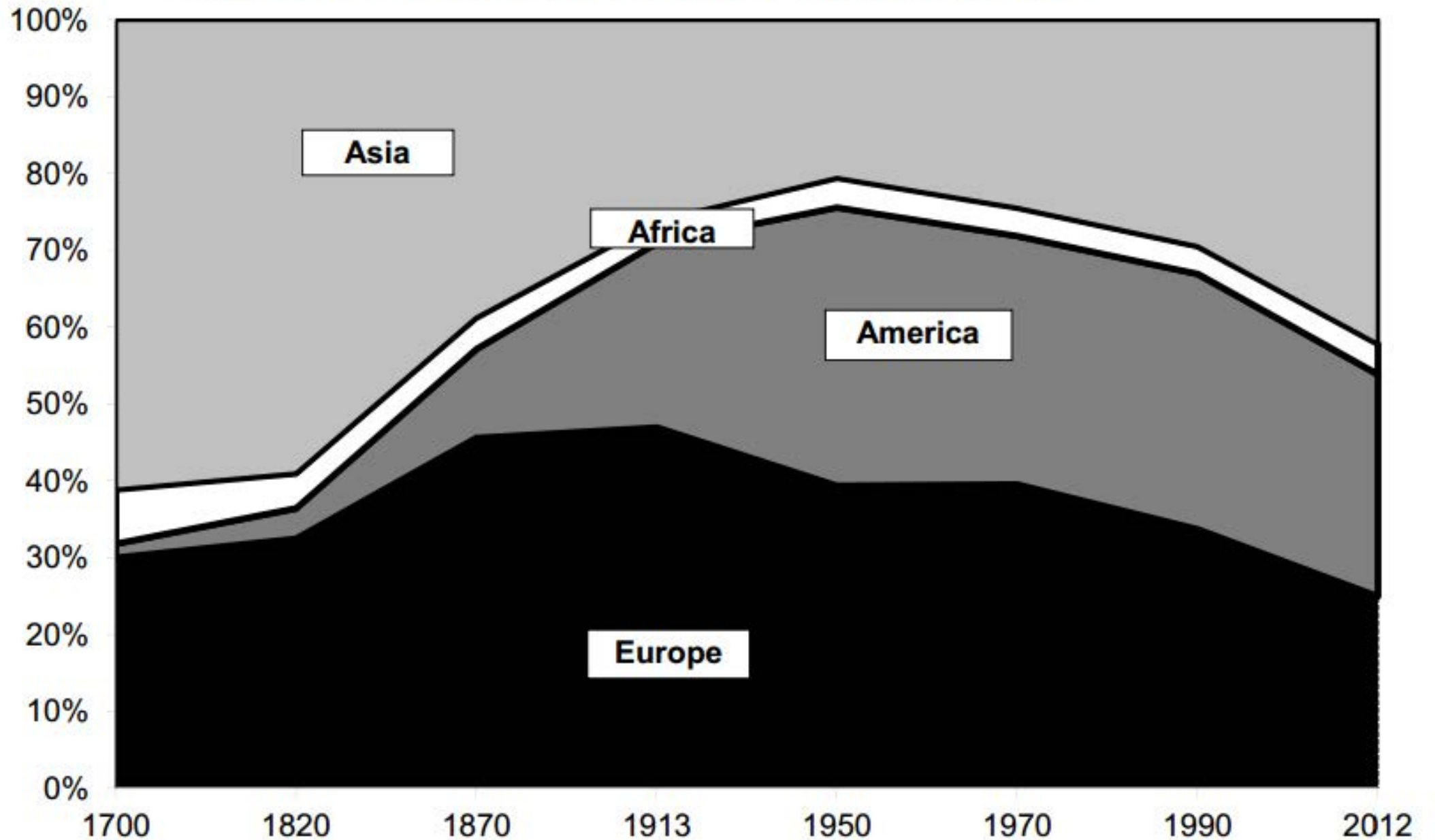
But incomes rose even faster so the world \$1/day poverty rate fell from about 84% to about 15%.

### Figure 3: World Income Per Person (1990 \$US)



# The Great Reversal of Fortunes

Figure 1.1. The distribution of world output 1700-2012



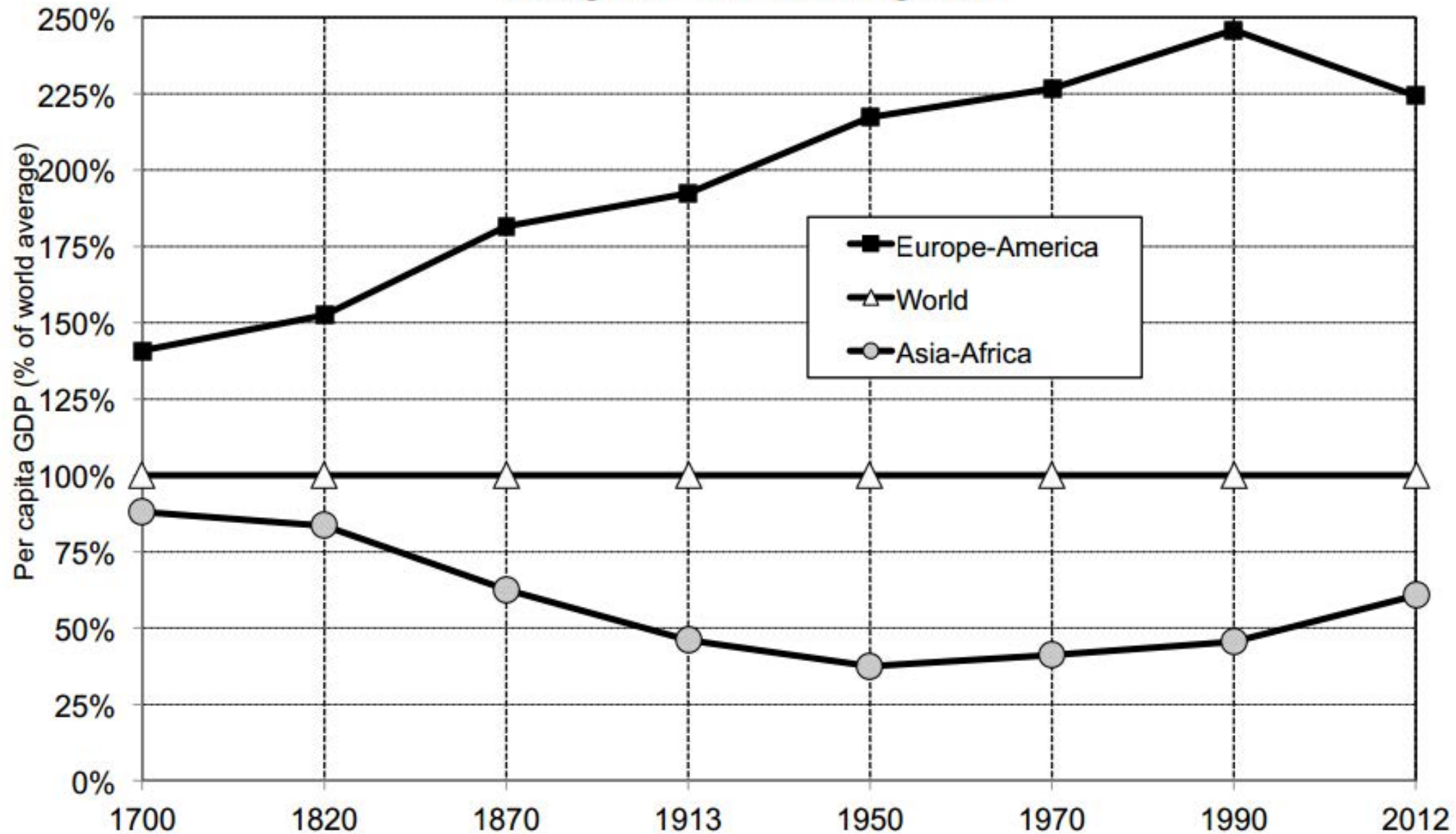
Europe's GDP made 47% of world GDP in 1913, down to 25% in 2012.

Sources and series: see [piketty.pse.ens.fr/capital21c](http://piketty.pse.ens.fr/capital21c).

Source: [Piketty 2014](#)

Great Divergence,  
then convergence  
post 1950: faster  
after 1990.  
Asia and Africa  
began to close the  
Gap

**Figure 1.3. Global inequality 1700-2012:  
divergence then convergence?**



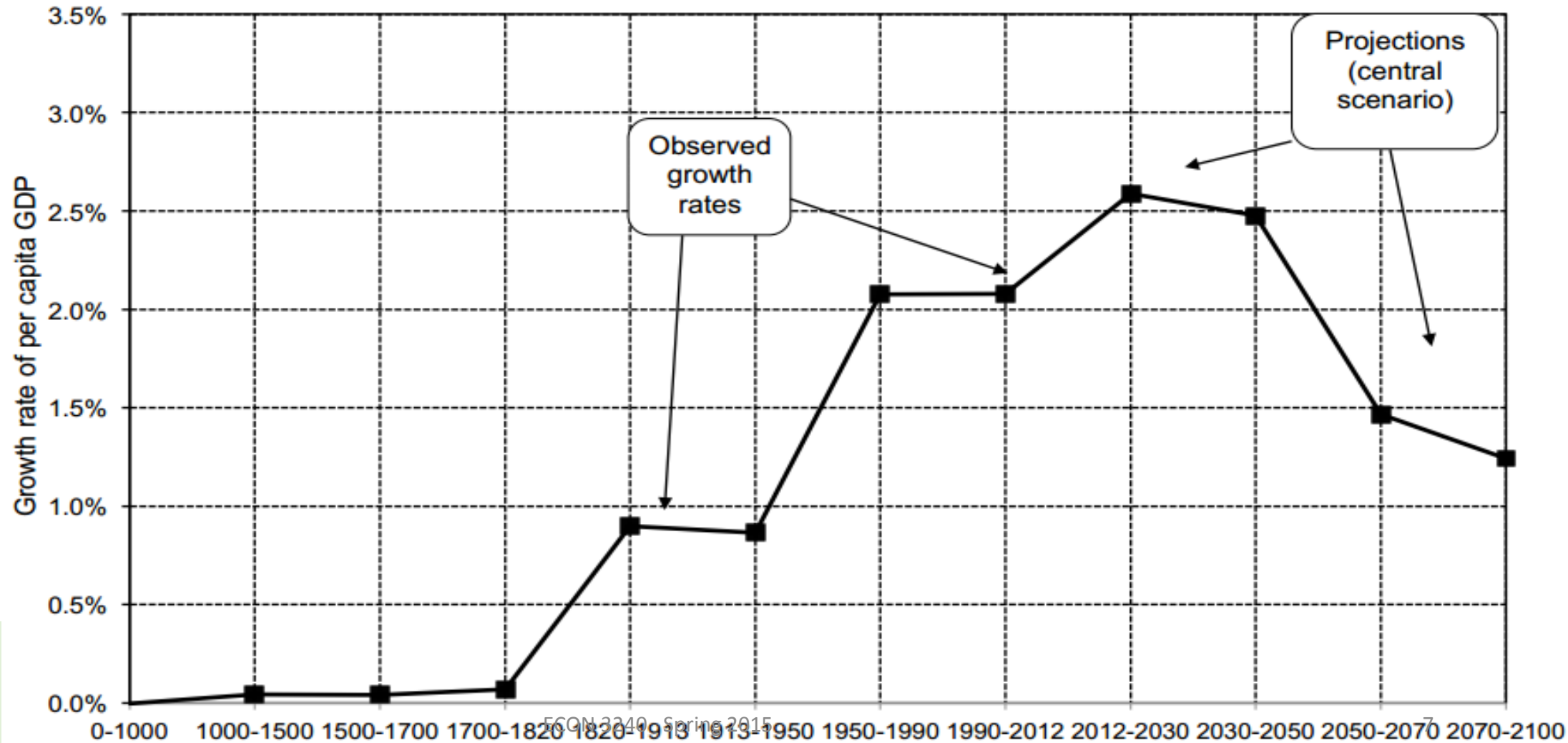
Per capita GDP in Asia-Africa went from 37% of world average in 1950 to 61% in 2012.

Sources and series: see [piketty.pse.ens.fr/capital21c](http://piketty.pse.ens.fr/capital21c).

Source: [Piketty 2014](#) Chapter 1

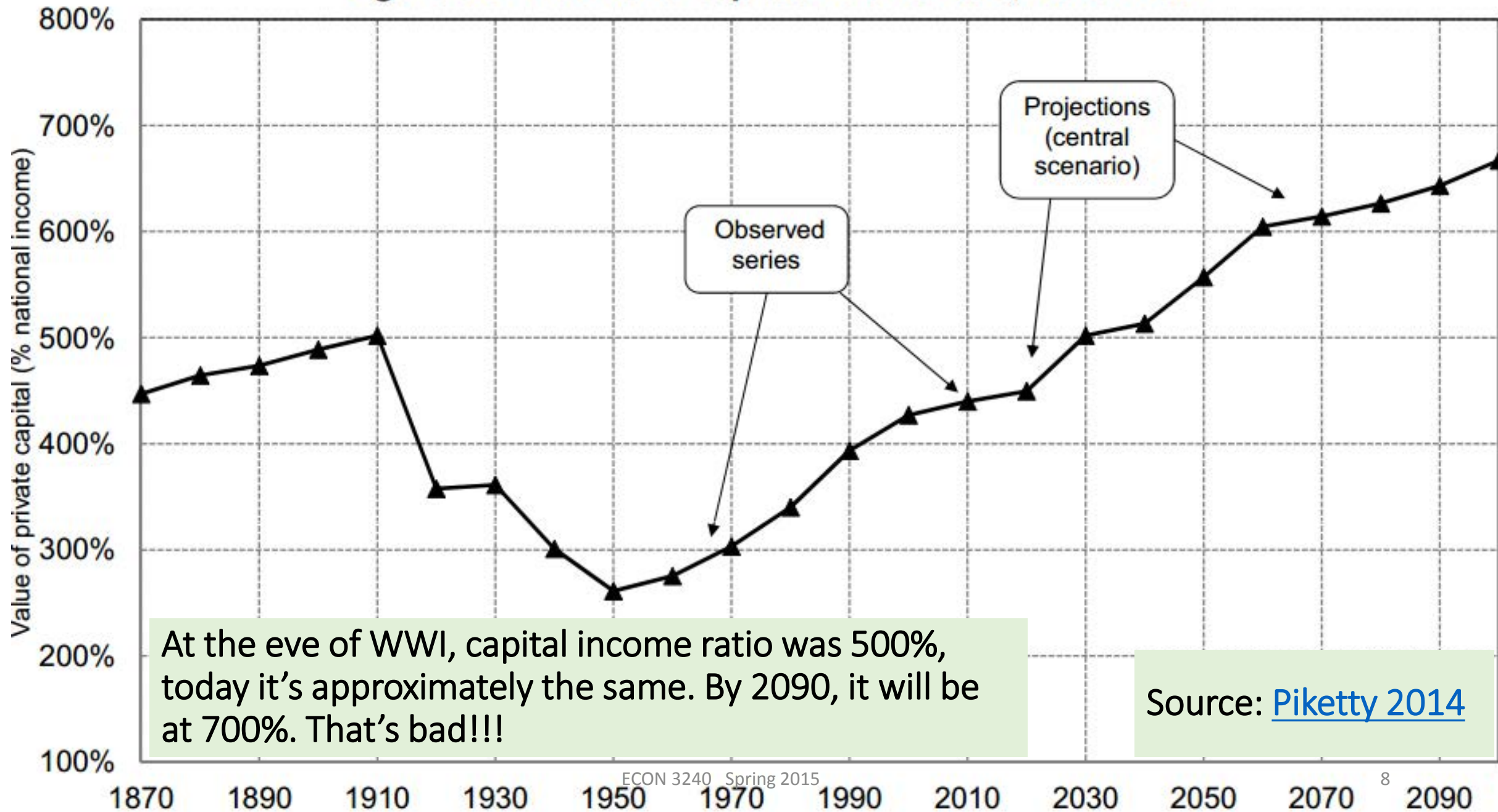
In the next century, assuming convergence (developing countries growing at 5% and rich countries growing at 1.2%) the world as a whole will be growing at a rate below 2% by the end of century.

**Figure 2.4. The growth rate of world per capita output since Antiquity until 2100**



Source: [Piketty 2014](#)

Figure 5.8. The world capital/income ratio, 1870-2100

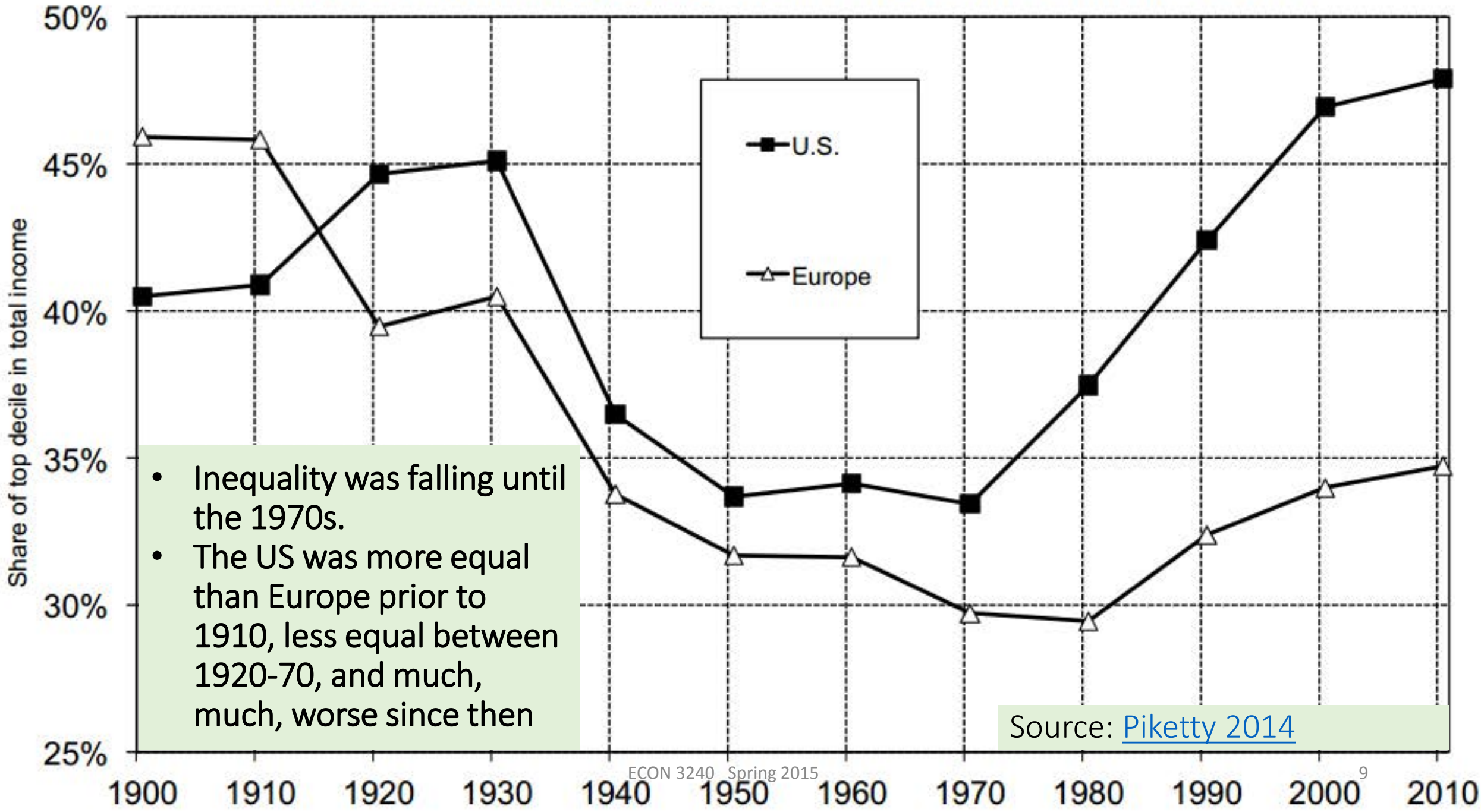


At the eve of WWI, capital income ratio was 500%, today it's approximately the same. By 2090, it will be at 700%. That's bad!!!

Source: [Piketty 2014](#)



Figure 9.8. Income inequality: Europe vs. the United States, 1900-2010

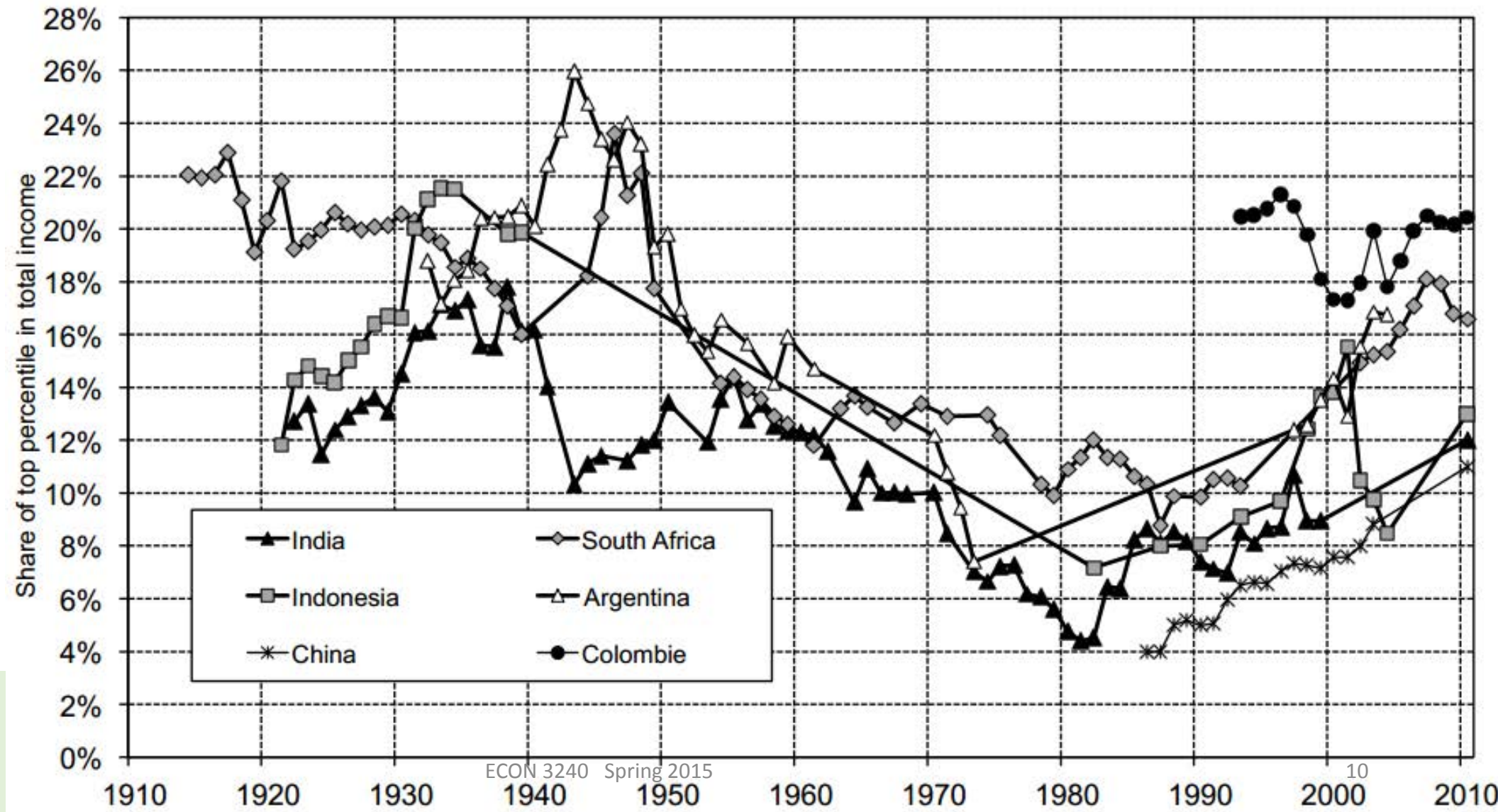


- Inequality was falling until the 1970s.
- The US was more equal than Europe prior to 1910, less equal between 1920-70, and much, much, worse since then

Source: [Piketty 2014](#)

Inequality was rising prior to the 1930s, falling between 1930s-80s, and now it is rising back to its initial levels.

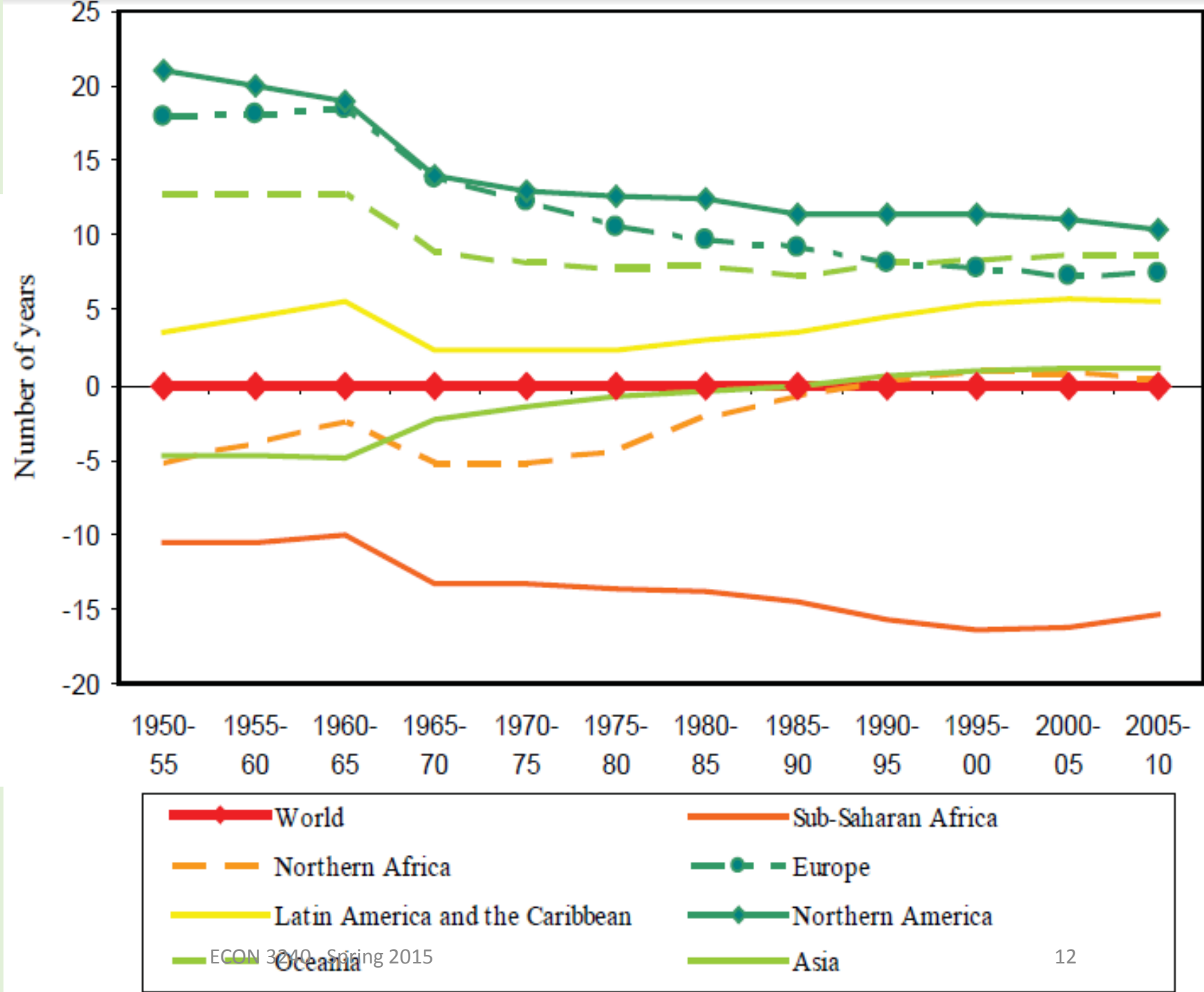
Figure 9.9. Income inequality in emerging countries, 1910-2010



Source: [Piketty 2014](#)

# Poverty: recent trends

Figure 3: Health Inequality\_ Trends in the gap in life expectancy at birth between each region and the world average



Source: [Inequality Matters: Report on the World Social Situation 2013](#). Department of Economic and Social Affairs, The UN.

Deaths per 1,000 births

Figure 6: convergence in child mortality possible by 2035

Source: [3 myths that block progress for the poor](#)

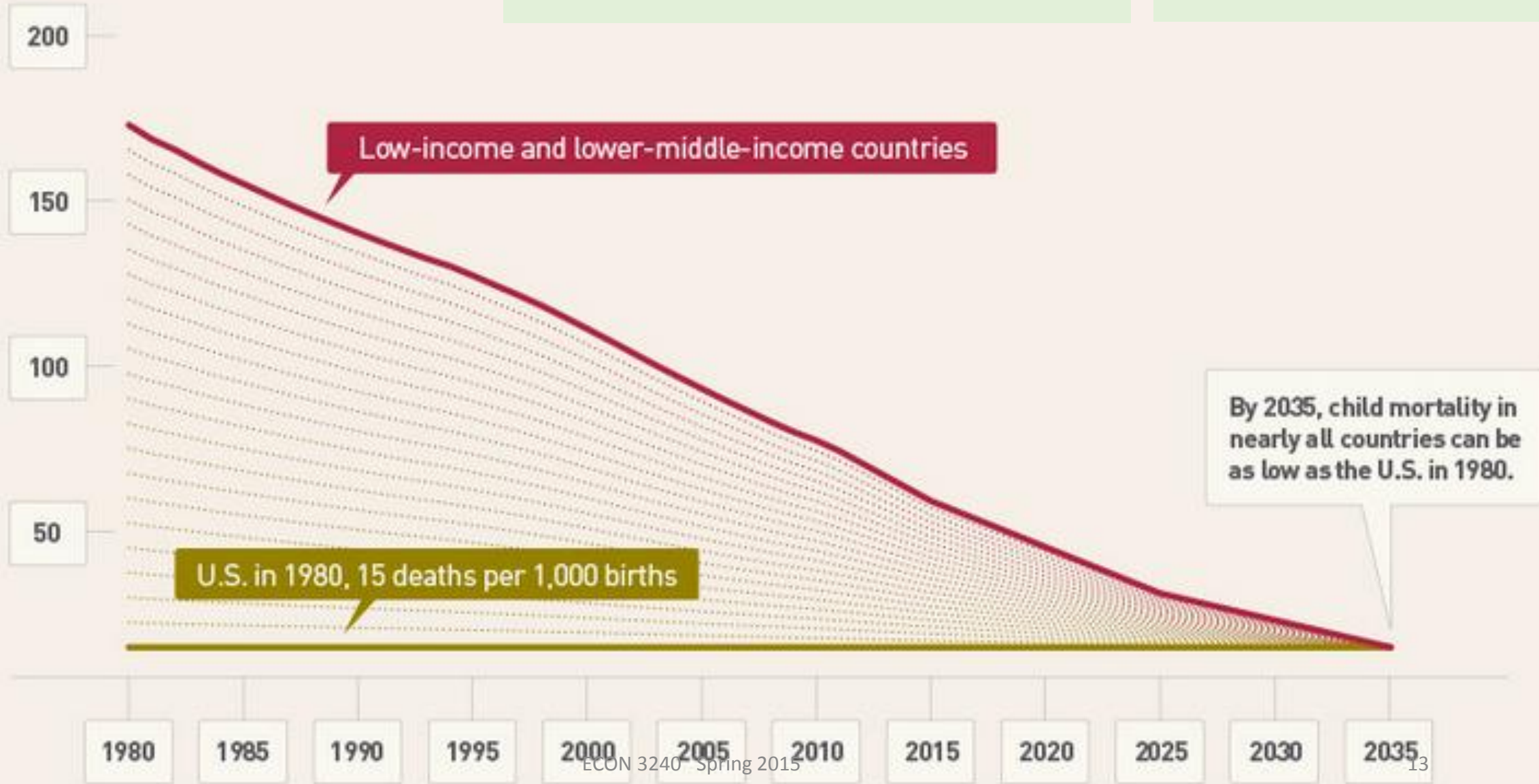


Figure 7: MDGs  
Established in  
2000, 1990 base  
2015 targets:  
goals, targets  
and indicators  
MDG 1. Cut  
1990 \$1/day  
poverty in half  
MDG 4: Cut  
Under 5  
mortality rate by  
2/3



Eradicate extreme poverty and hunger



Achieve universal primary education



Promote gender equality and empower women



Reduce child mortality



Improve maternal health



Combat HIV/AIDS, malaria and other diseases



Ensure environmental sustainability



Develop a Global Partnership for Development

[Source here](#)

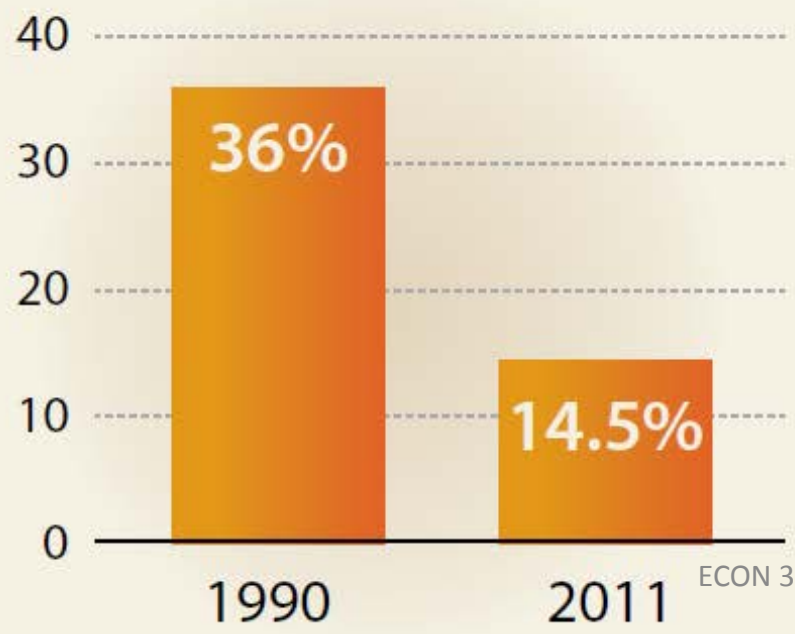


# GROWTH'S CONTRIBUTION HAS BEEN CRUCIAL

IN REDUCING  
EXTREME POVERTY

AND

IN FOSTERING  
SHARED PROSPERITY

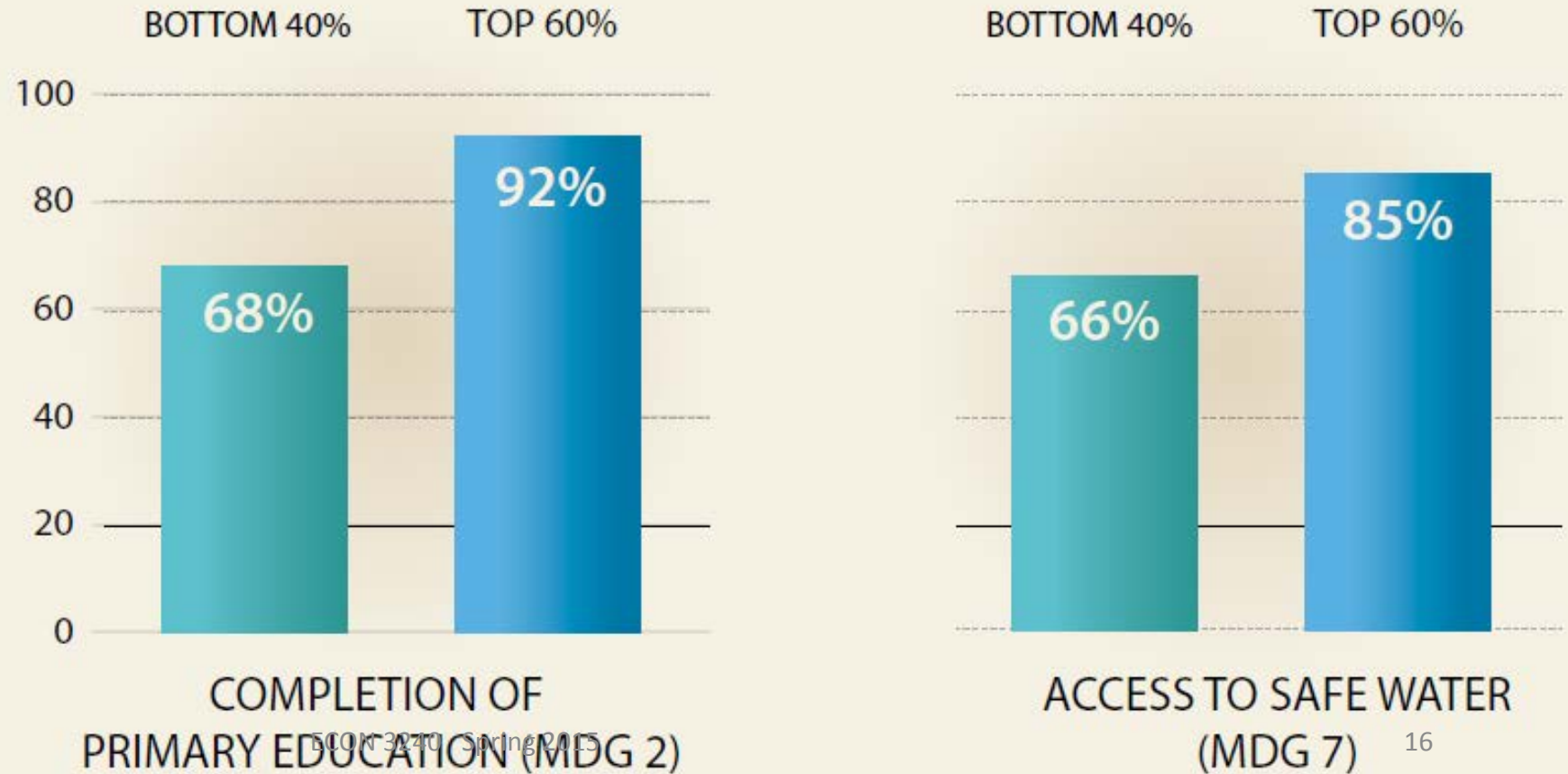


From 2006 to 2011, in  
**58** out of **86**  
 countries, the bottom  
 40% fared better than the  
 country average.

Figure 9

2

## LIVING STANDARDS OF THE BOTTOM 40% LAG BEHIND THOSE OF THE TOP 60%



Source: [GMR](#)





## GROWTH ALONE IS NOT ENOUGH



The World Bank Group's interim target of reducing poverty to single digits by 2020 seems achievable.



But reaching 3% by 2030 will not be possible without special effort.



9%

BY 2020



3%

BY 2030

## GOOD JOBS ARE KEY

GROWTH NEEDS TO BE MORE INCLUSIVE AND SUSTAINABLE

The 2014/2015 GMR focuses on the following three essential elements:



\* HUMAN CAPITAL

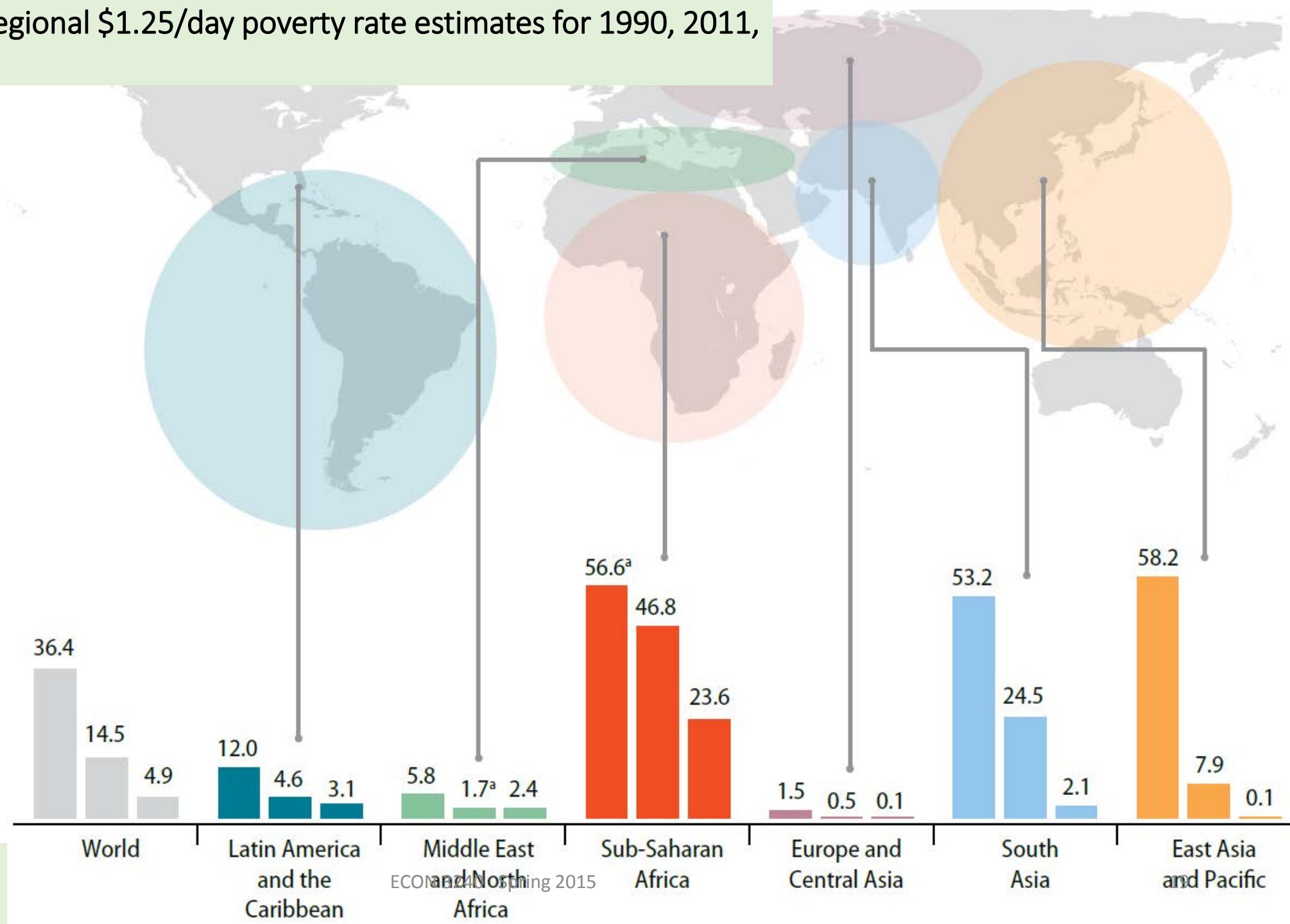


\* ENVIRONMENTAL SUSTAINABILITY



\* SOCIAL SAFETY NETS

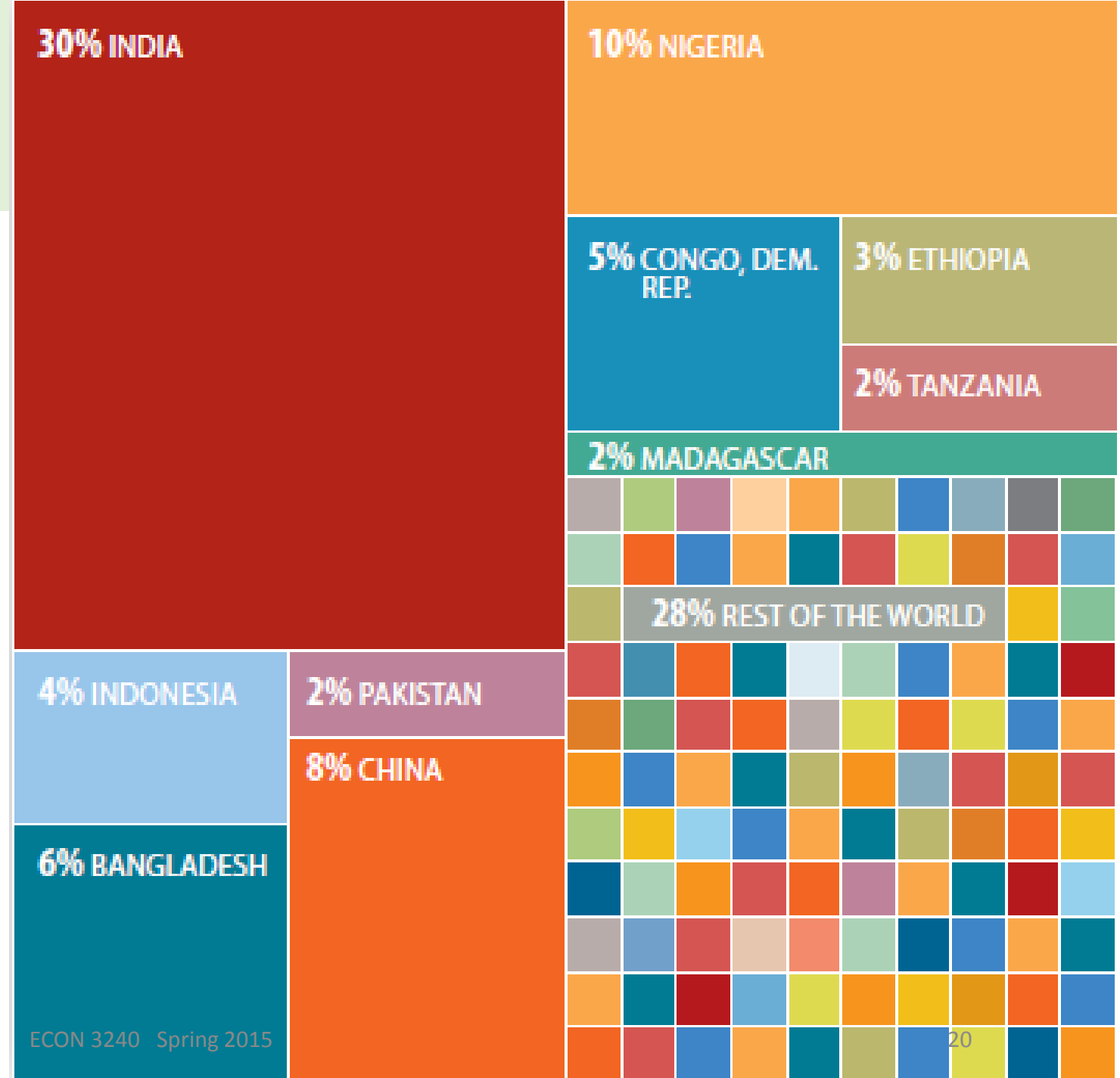
Figure 12: Global and regional \$1.25/day poverty rate estimates for 1990, 2011, and 2030



Source: [GMR](#)

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**Figure 13:** Top 10 countries with largest share of the global extreme poor, 2011.  
Percentage of people living on less than \$1.25 a day.



**Figure 13: Top 5 poverty reducers contributors to poverty reduction 2008 to 2011: all in Asia**

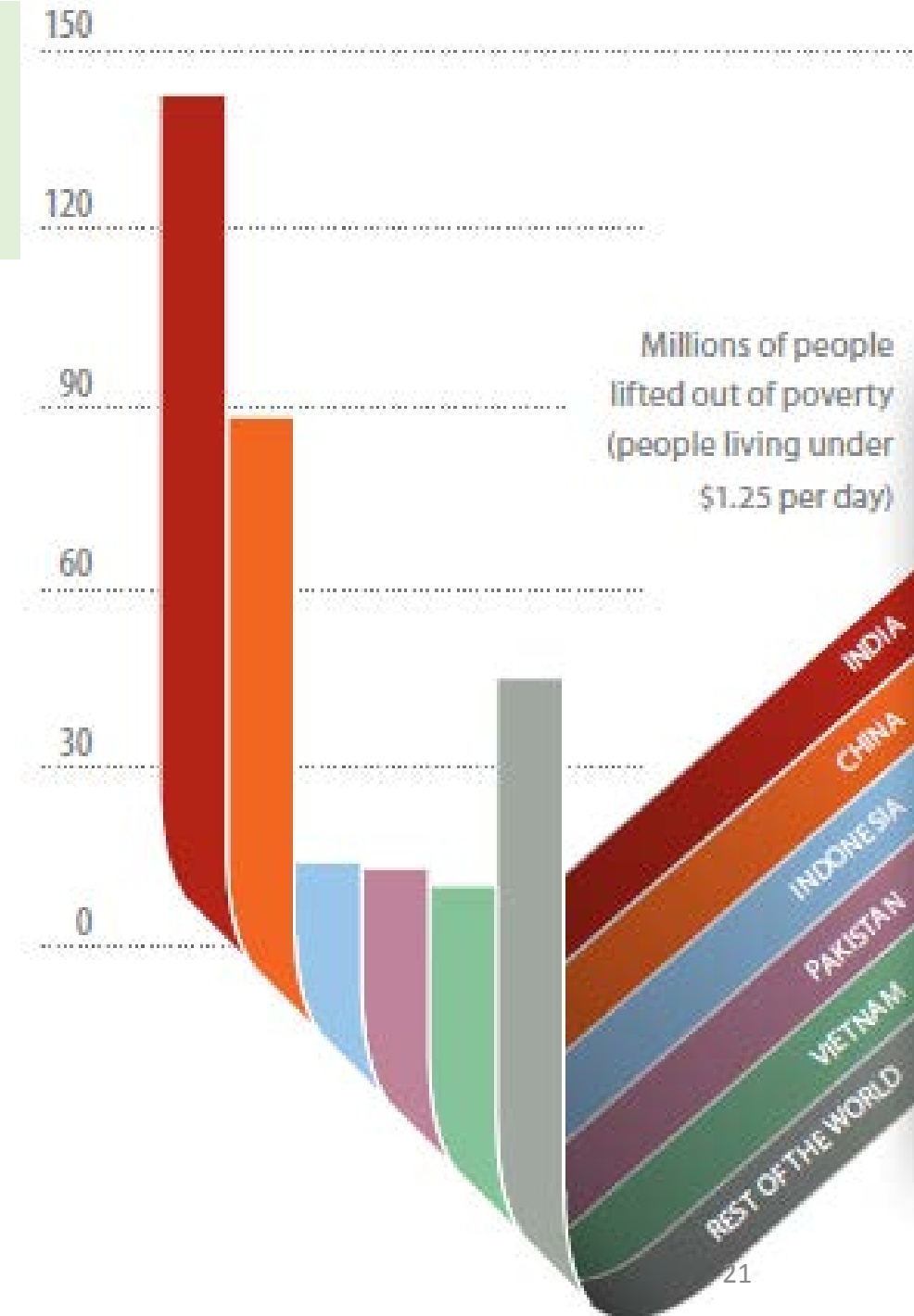
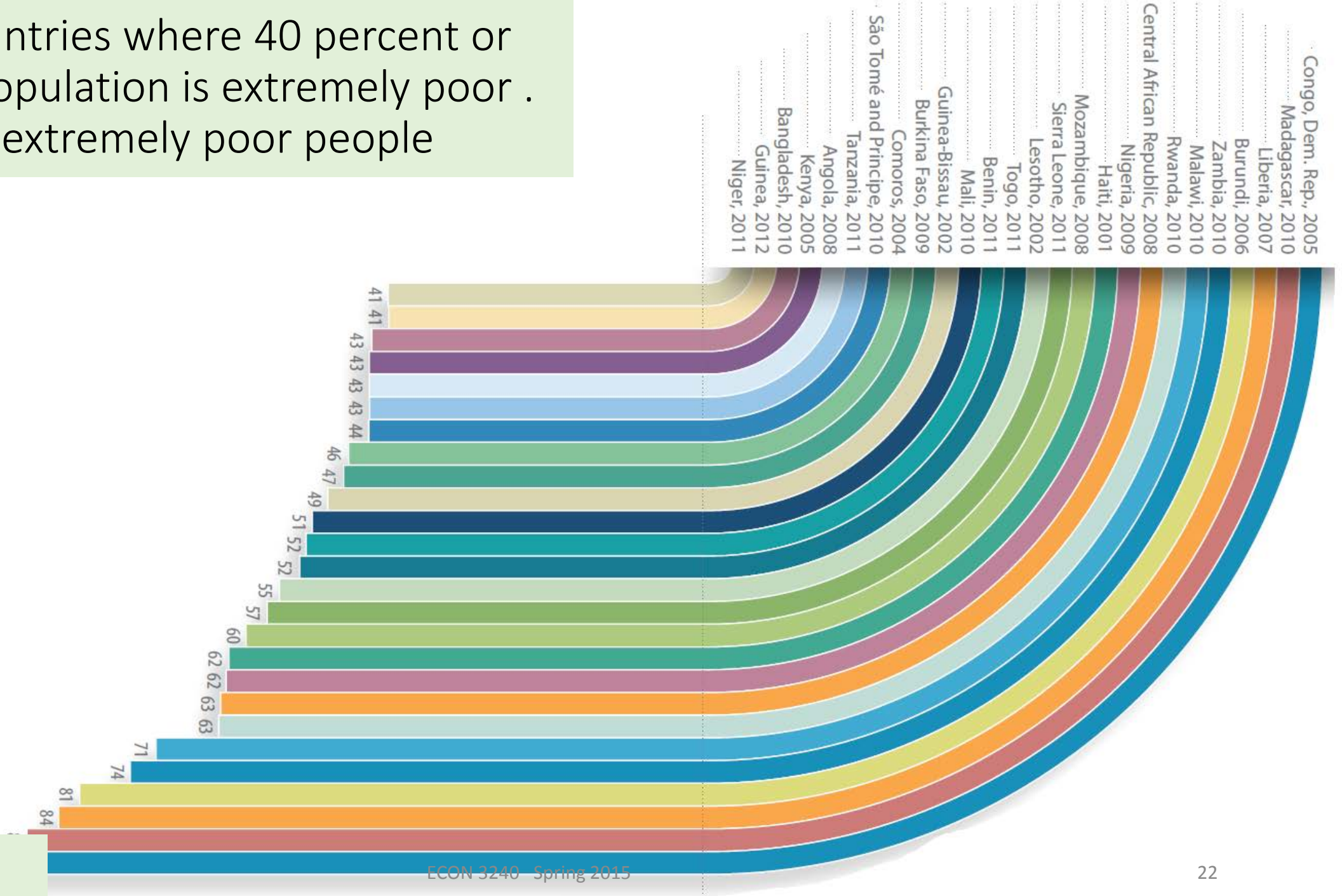


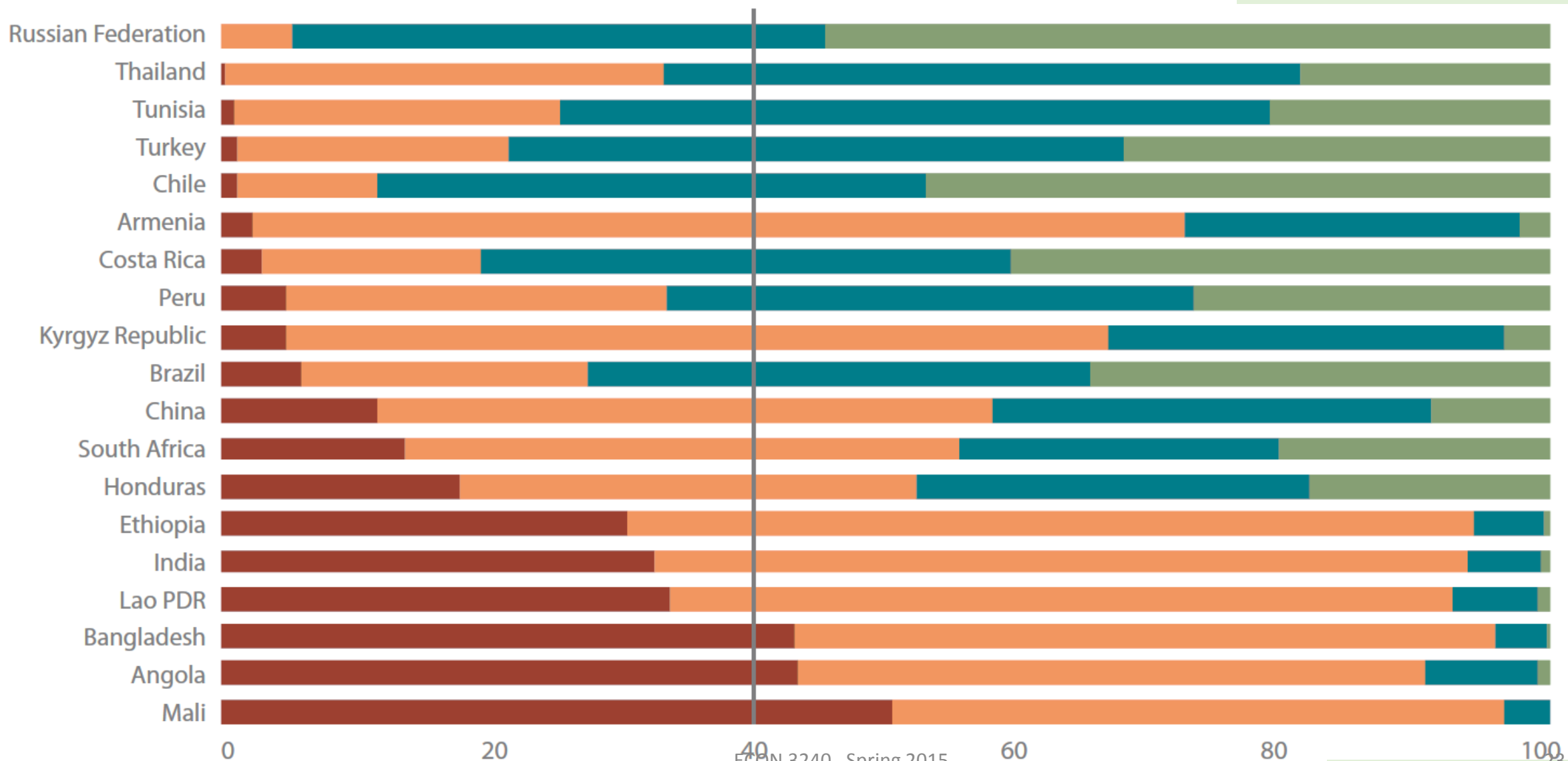
Figure 14: Countries where 40 percent or more of the population is extremely poor .  
 Percentage of extremely poor people



# Fig 15: Share pop, poor, vulnerable and Middle class 2012

■ Extreme poor (less than \$1.25 a day) 
 ■ Moderate poor (\$1.25 to \$4 a day) 
 ■ Vulnerable (\$4 to \$10 a day) 
 ■ Middle class and rich (more than \$10 a day)

Source: [GMR](#)



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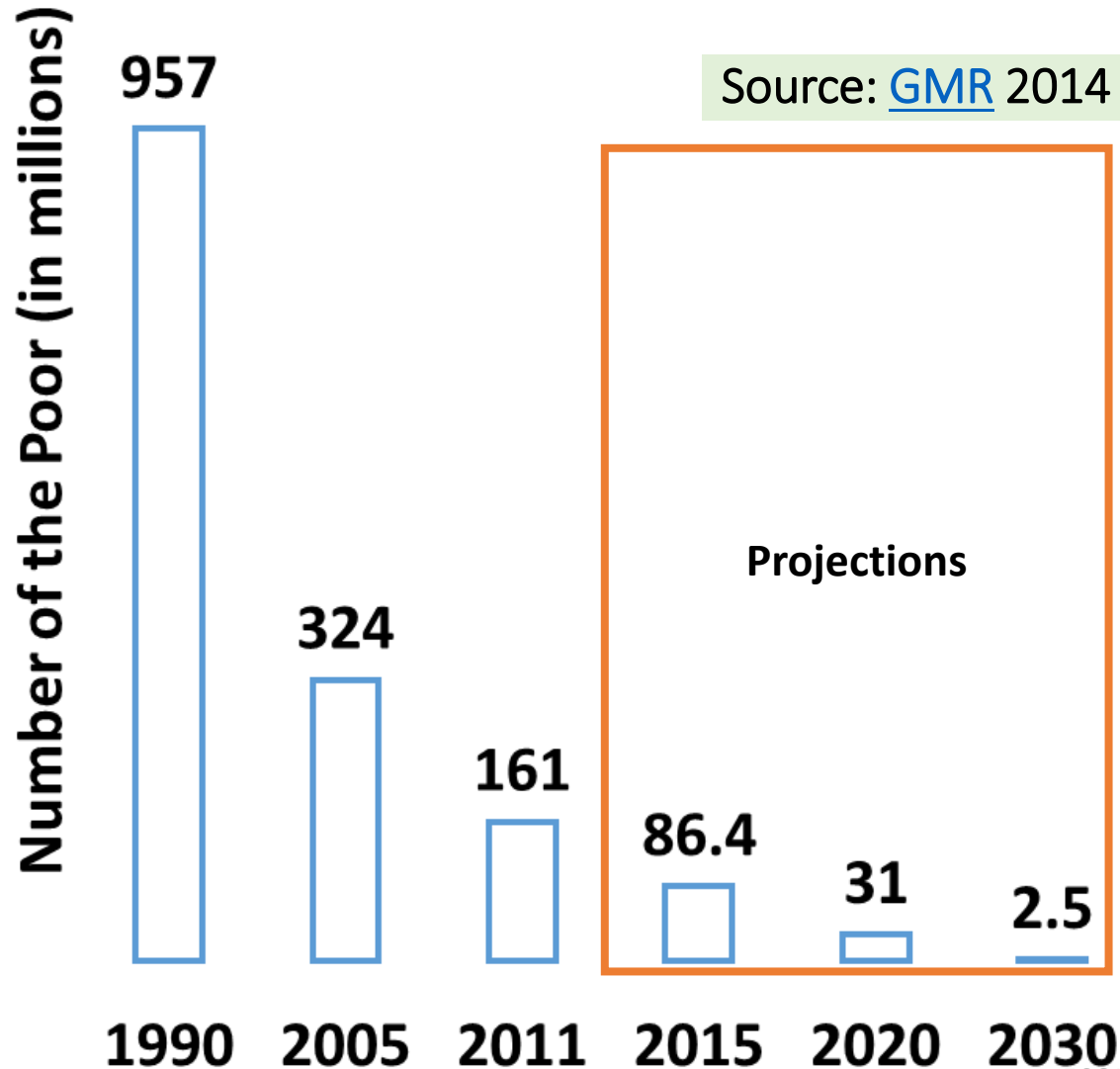
Population share (percent)

Source: [GMR](#)

Figure 15: Bottom 40 percent across income groups

Fig 16: millions of poor (left) DD Poverty Rate (right)

### East Asia and Pacific



### East Asia and Pacific

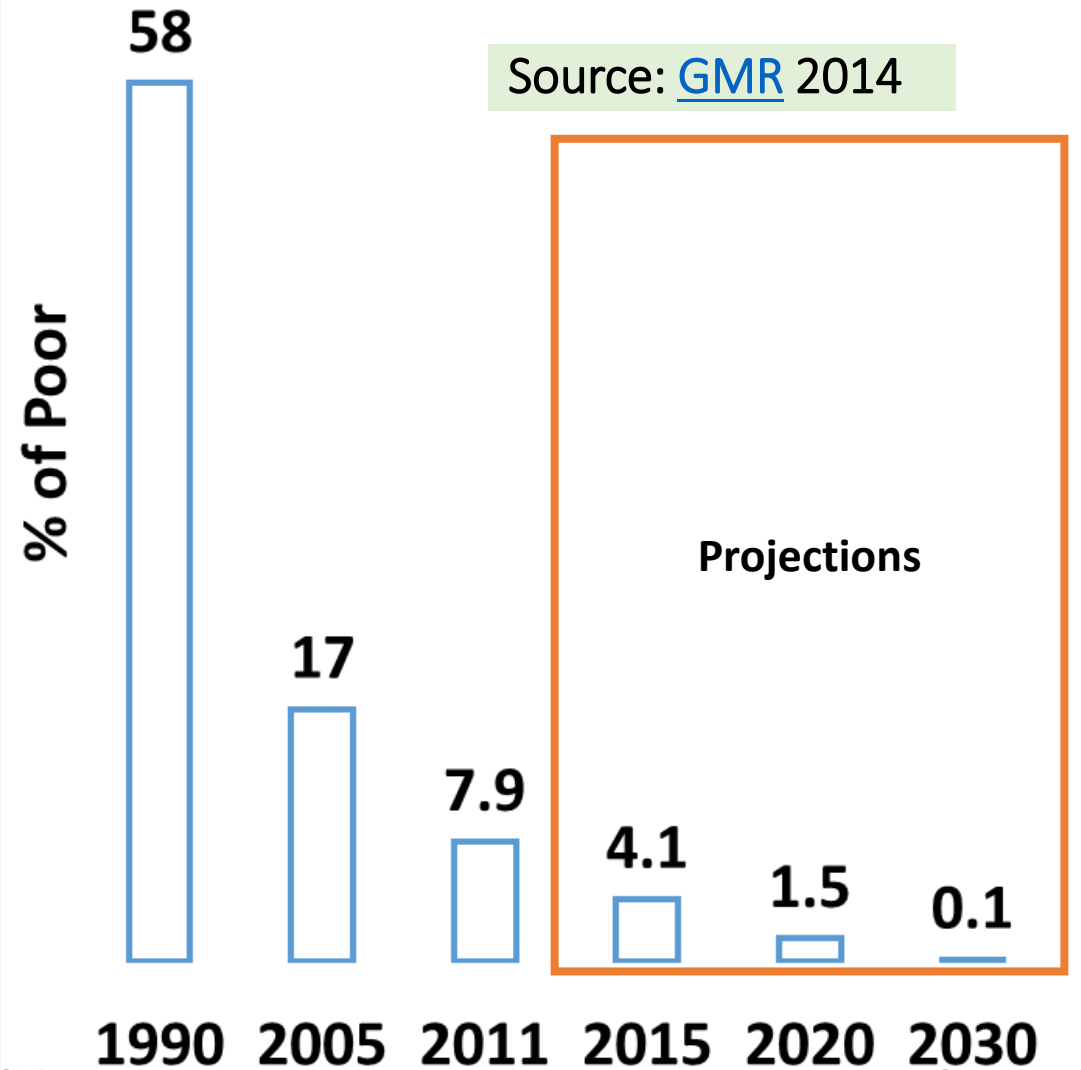




Fig 17: millions of poor (left) DD Poverty Rate (right)

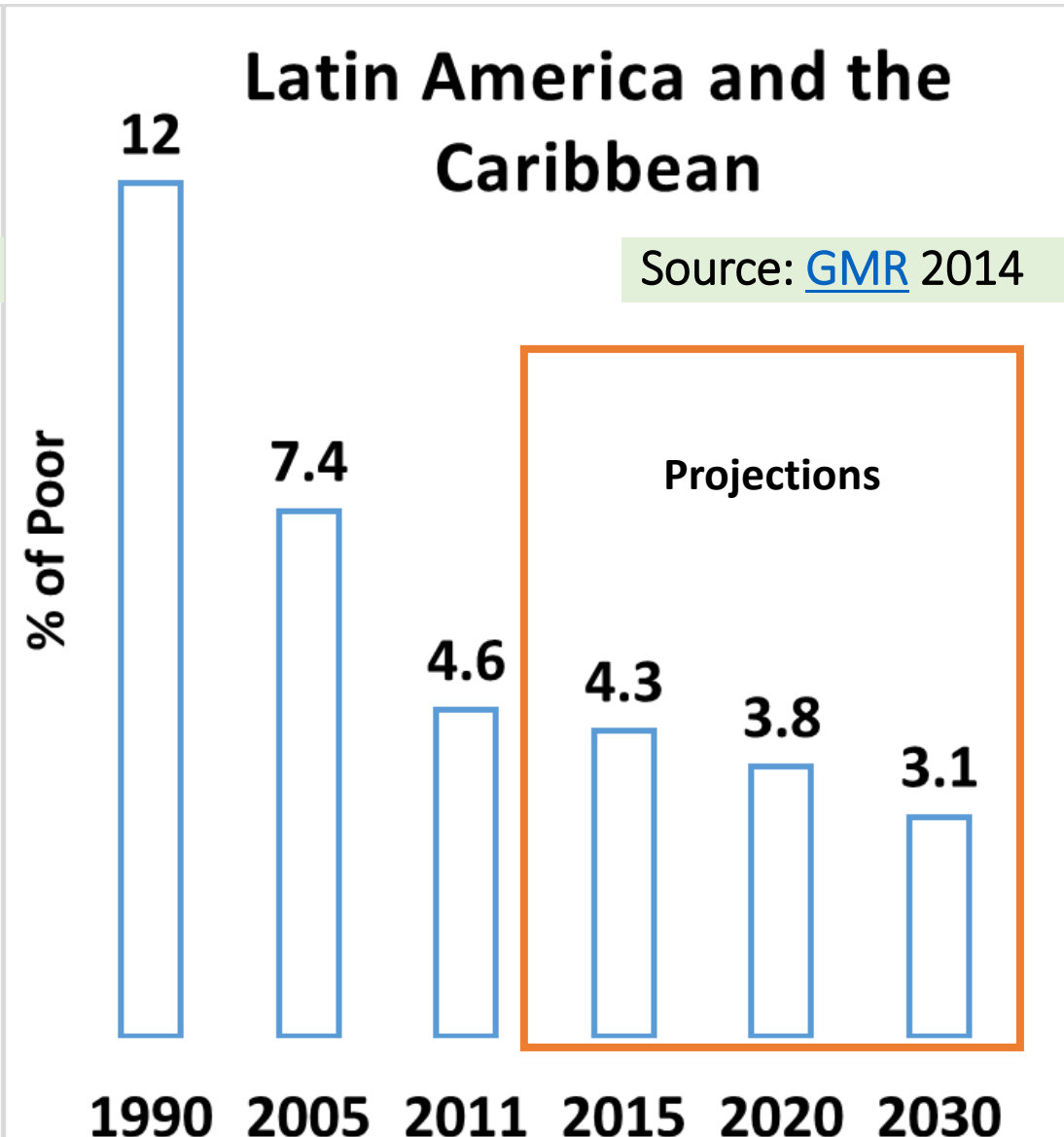
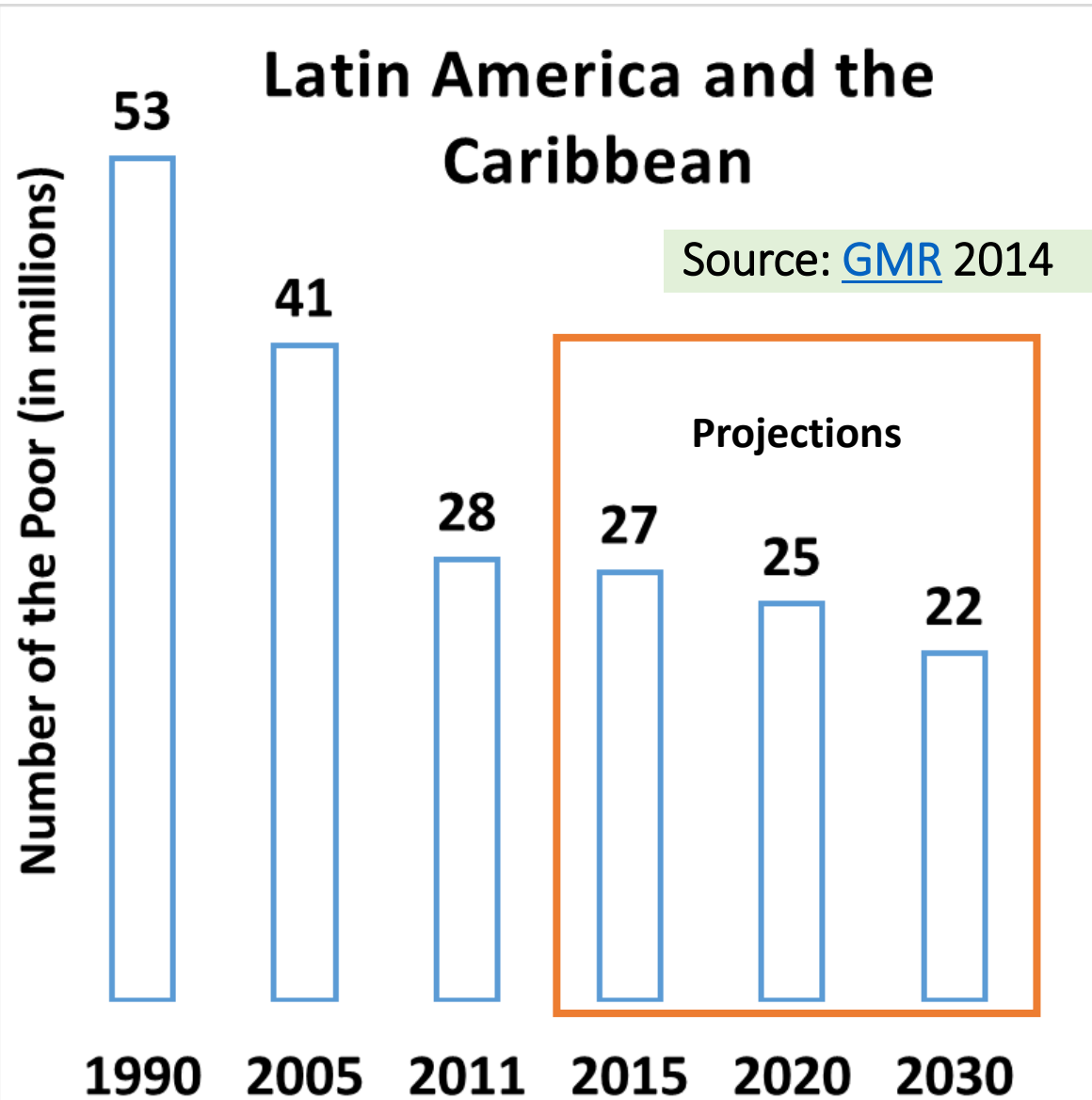


Fig 18: millions of poor (left) DD Poverty Rate (right)

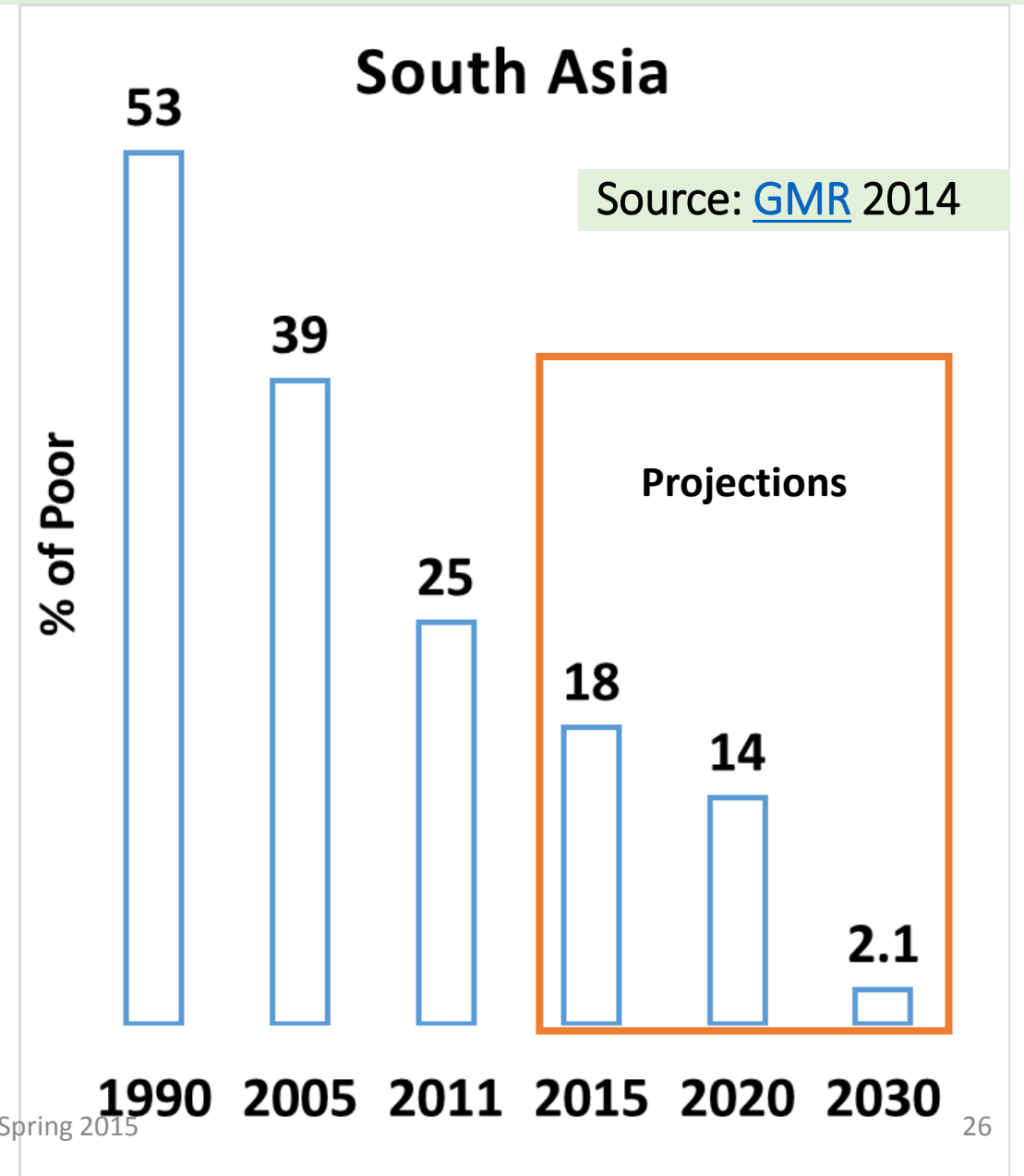
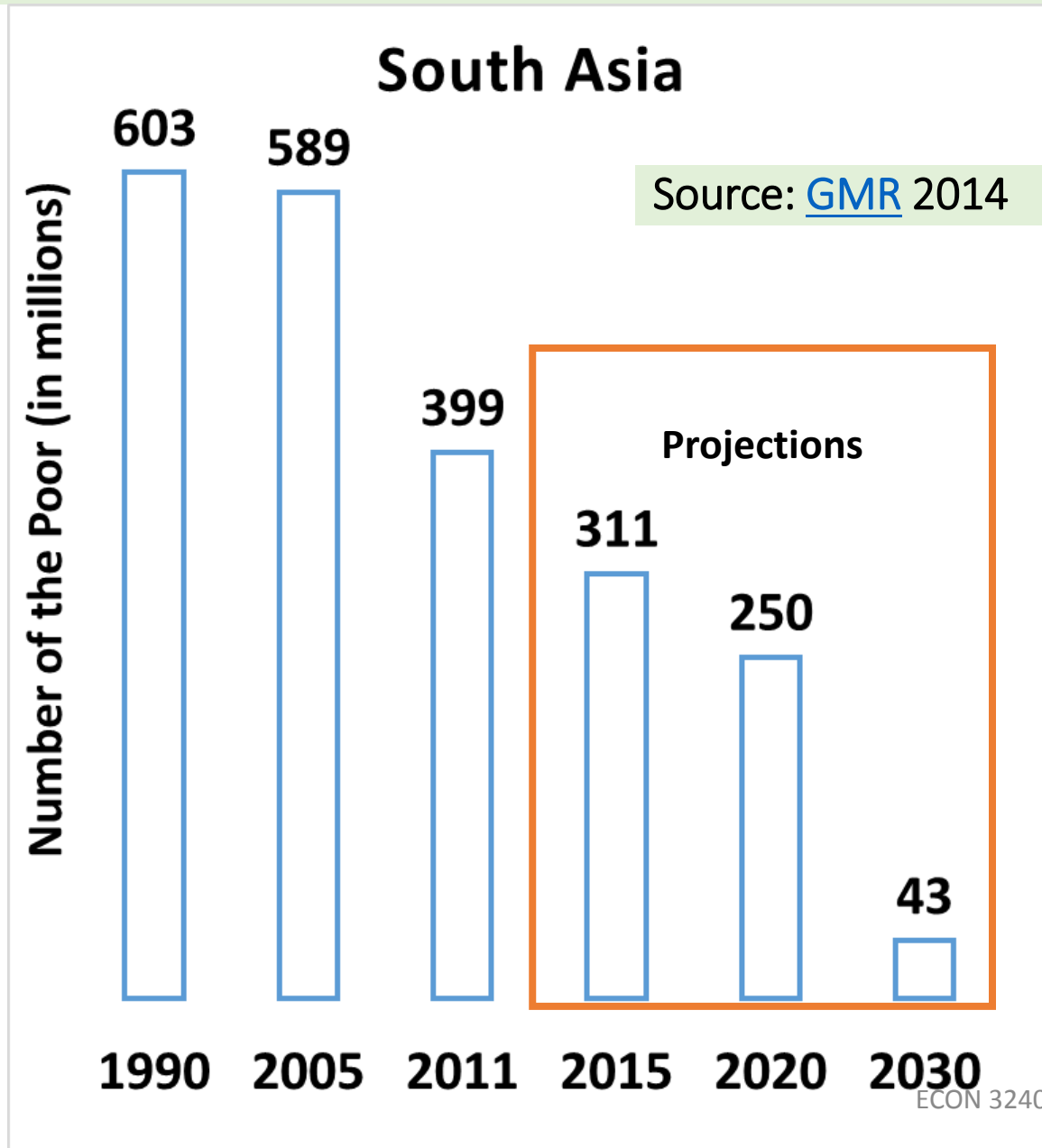


Fig 19: millions of poor (left) DD Poverty Rate (right)

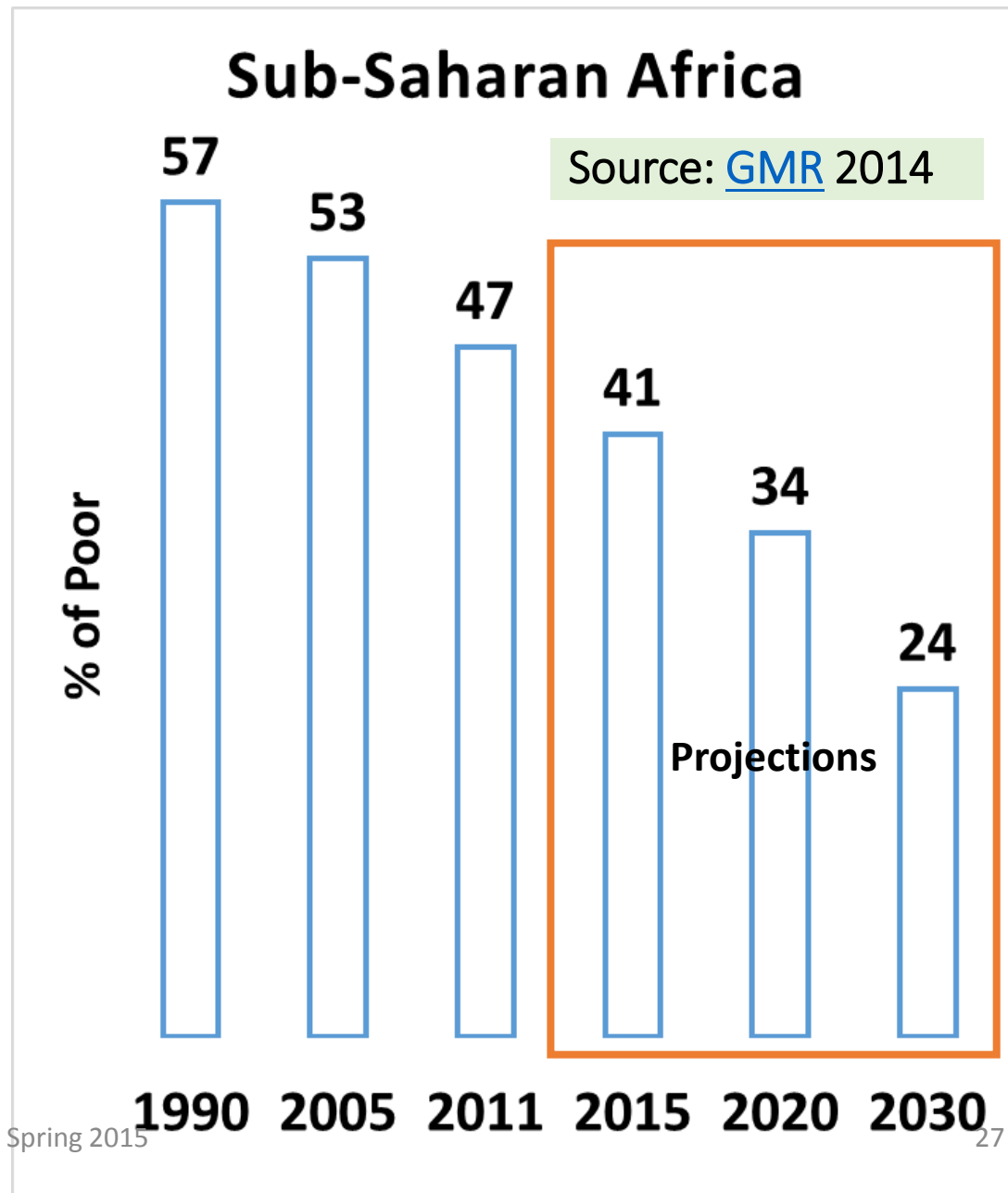
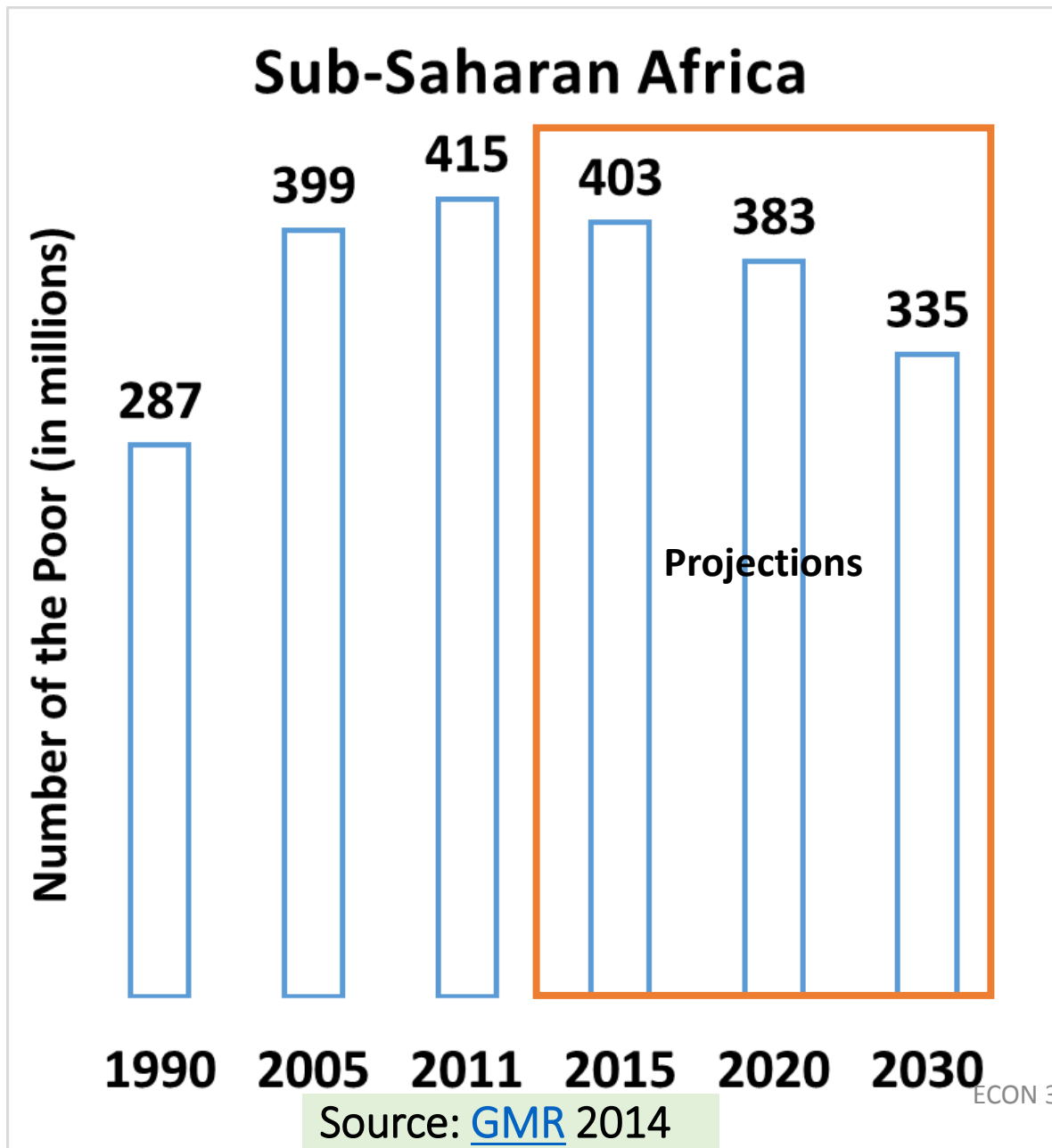


Figure 20 **millions of poor (left) DD Poverty Rate (right)**

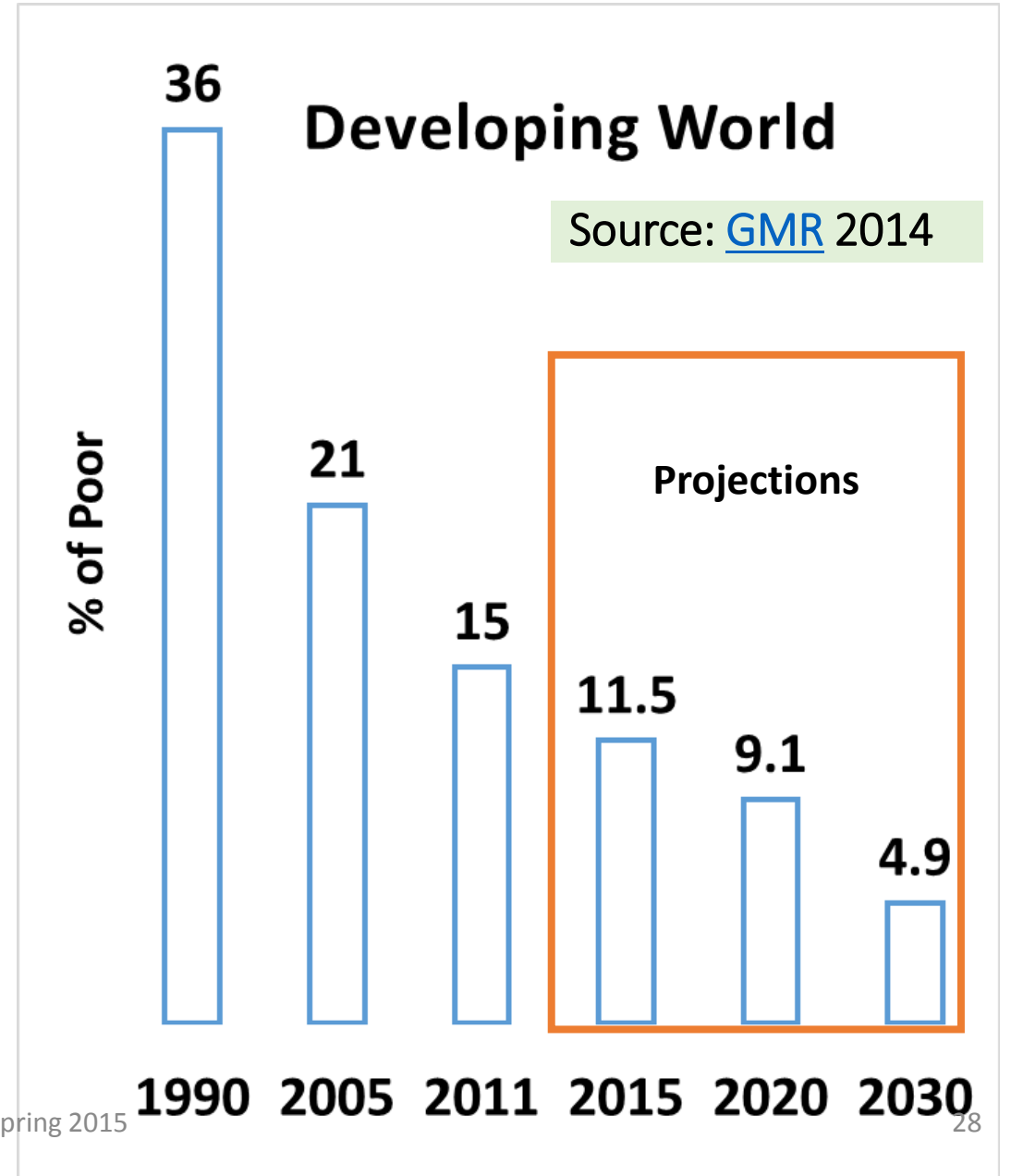
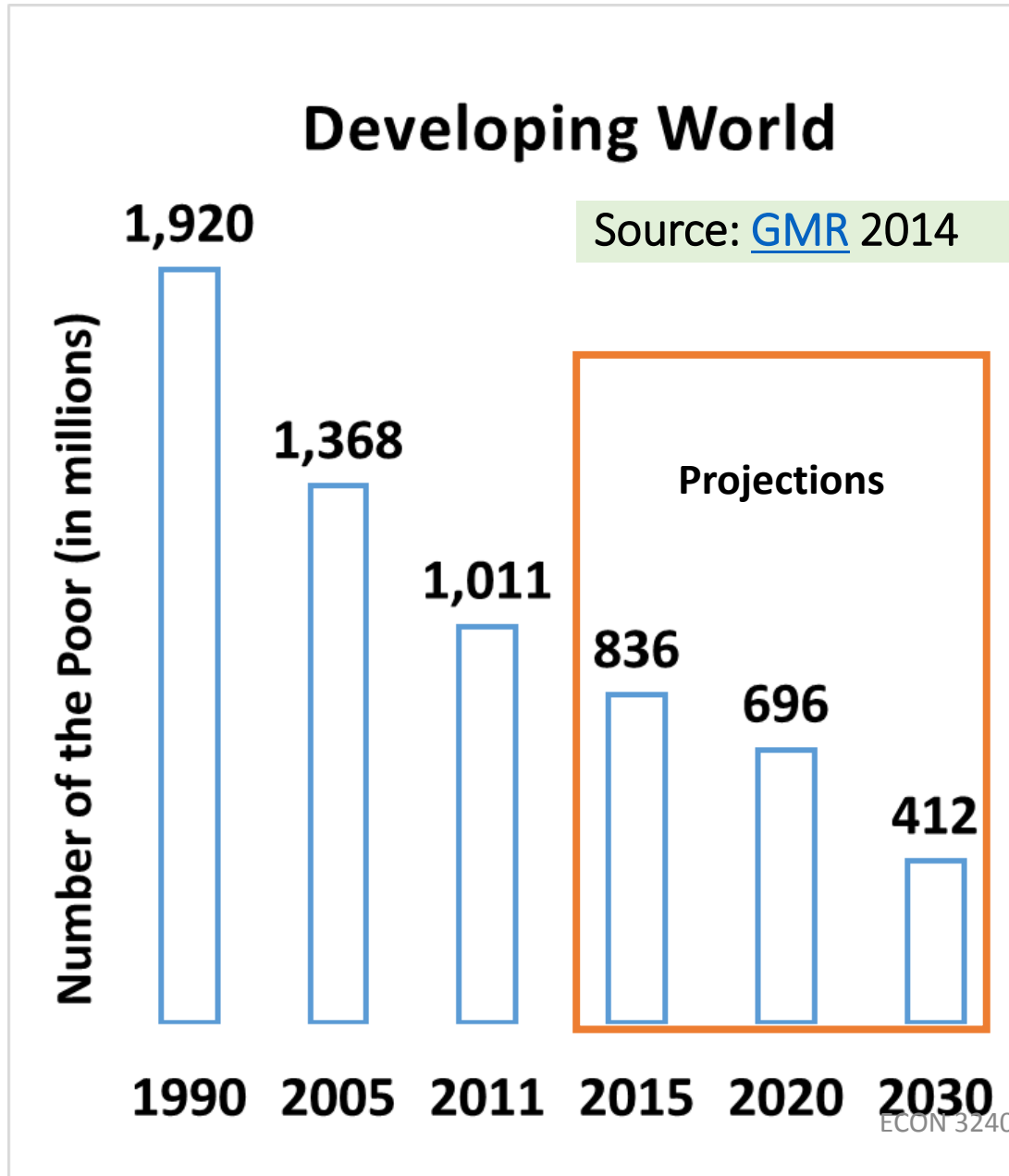
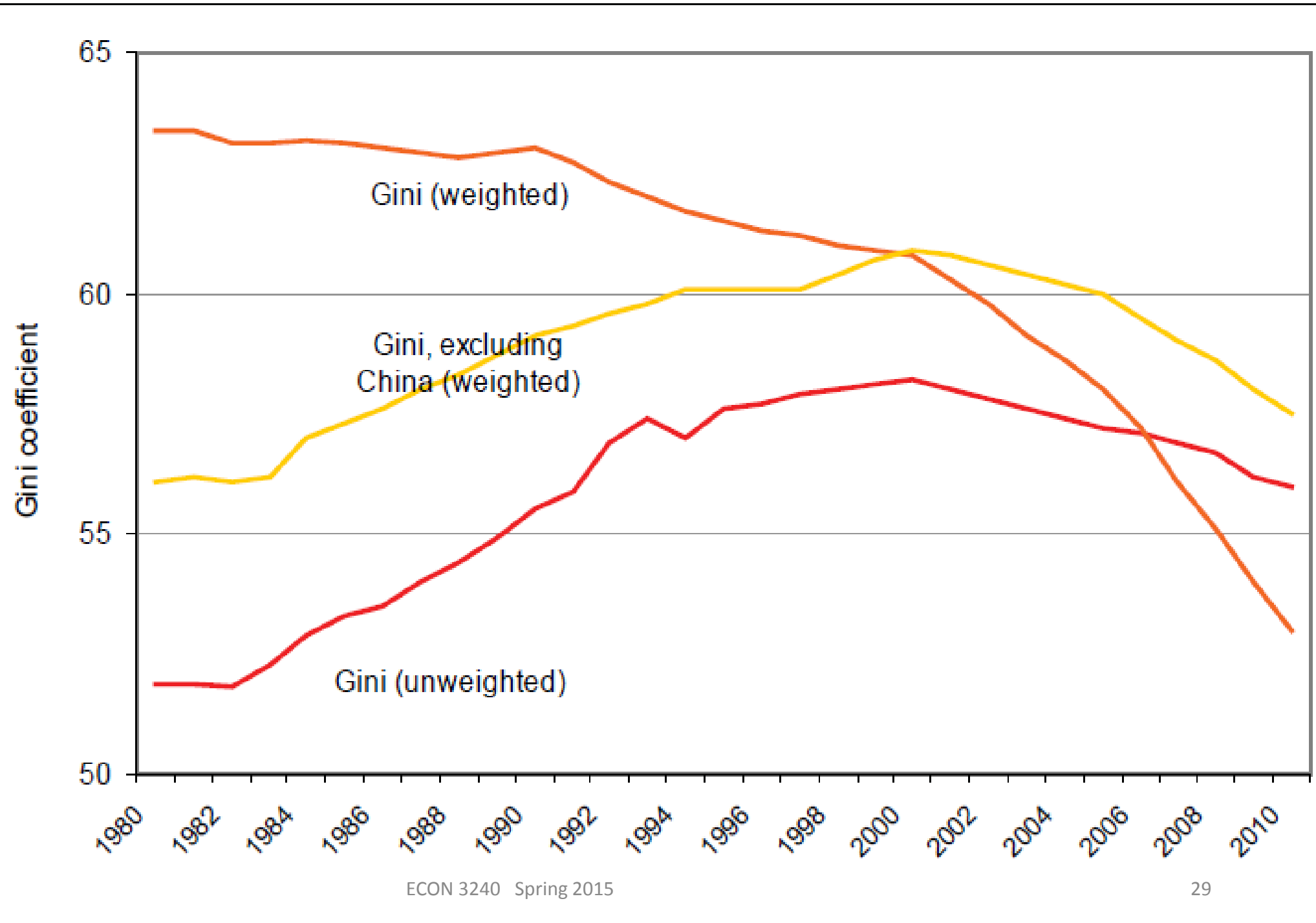
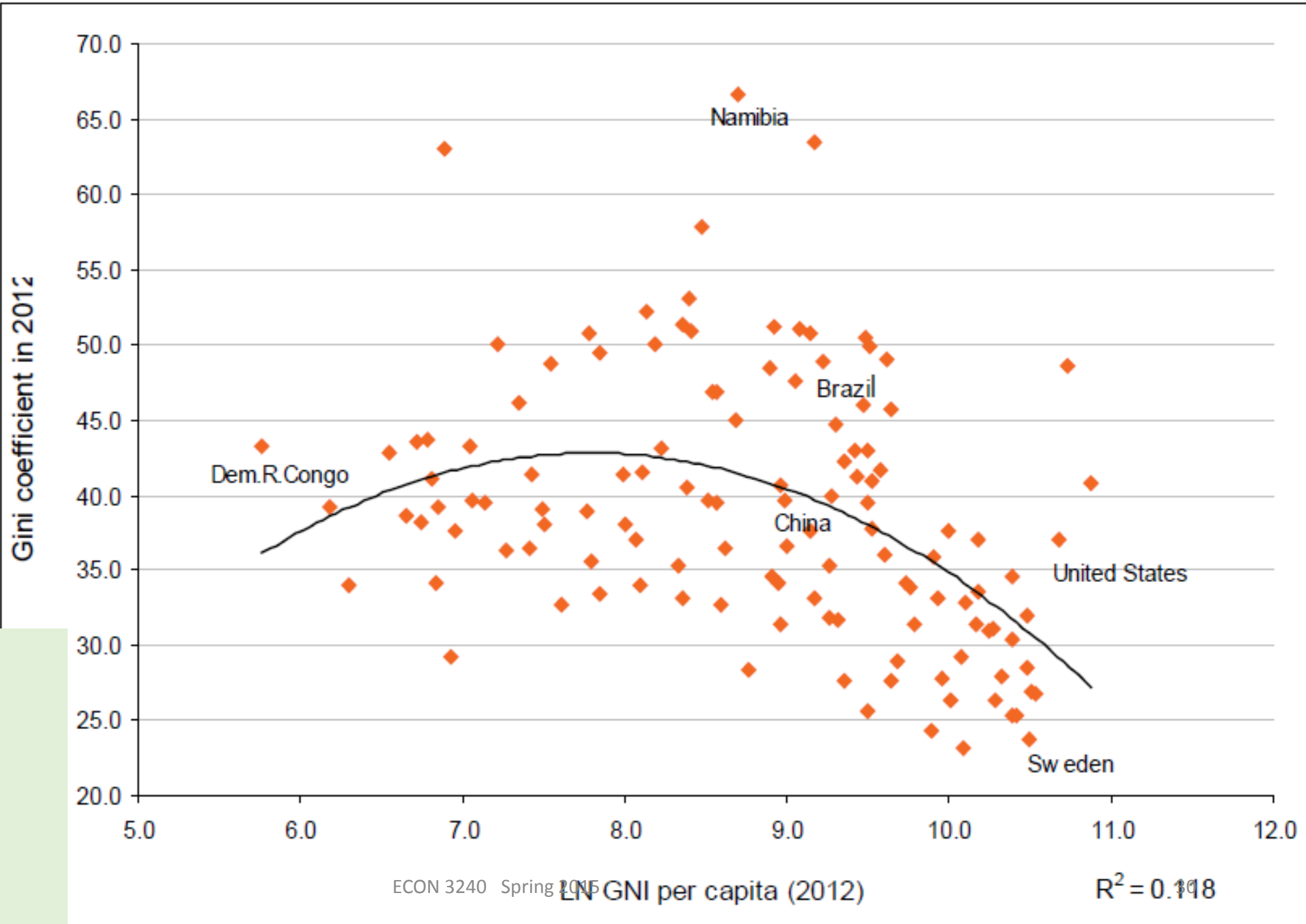


Figure 1:  
International  
income inequality,  
1980-2010



Source: [Inequality Matters: Report on the World Social Situation 2013](#).  
Department of Economic and Social Affairs, The UN.

Figure 2: Gini coefficient and GNI per capita by country



Source: [Inequality Matters: Report on the World Social Situation 2013](#). Department of Economic and Social Affairs, The UN.

Figure 4: Gini Coefficient for education

Source: [Inequality Matters: Report on the World Social Situation 2013](#). Department of Economic and Social Affairs, The UN.

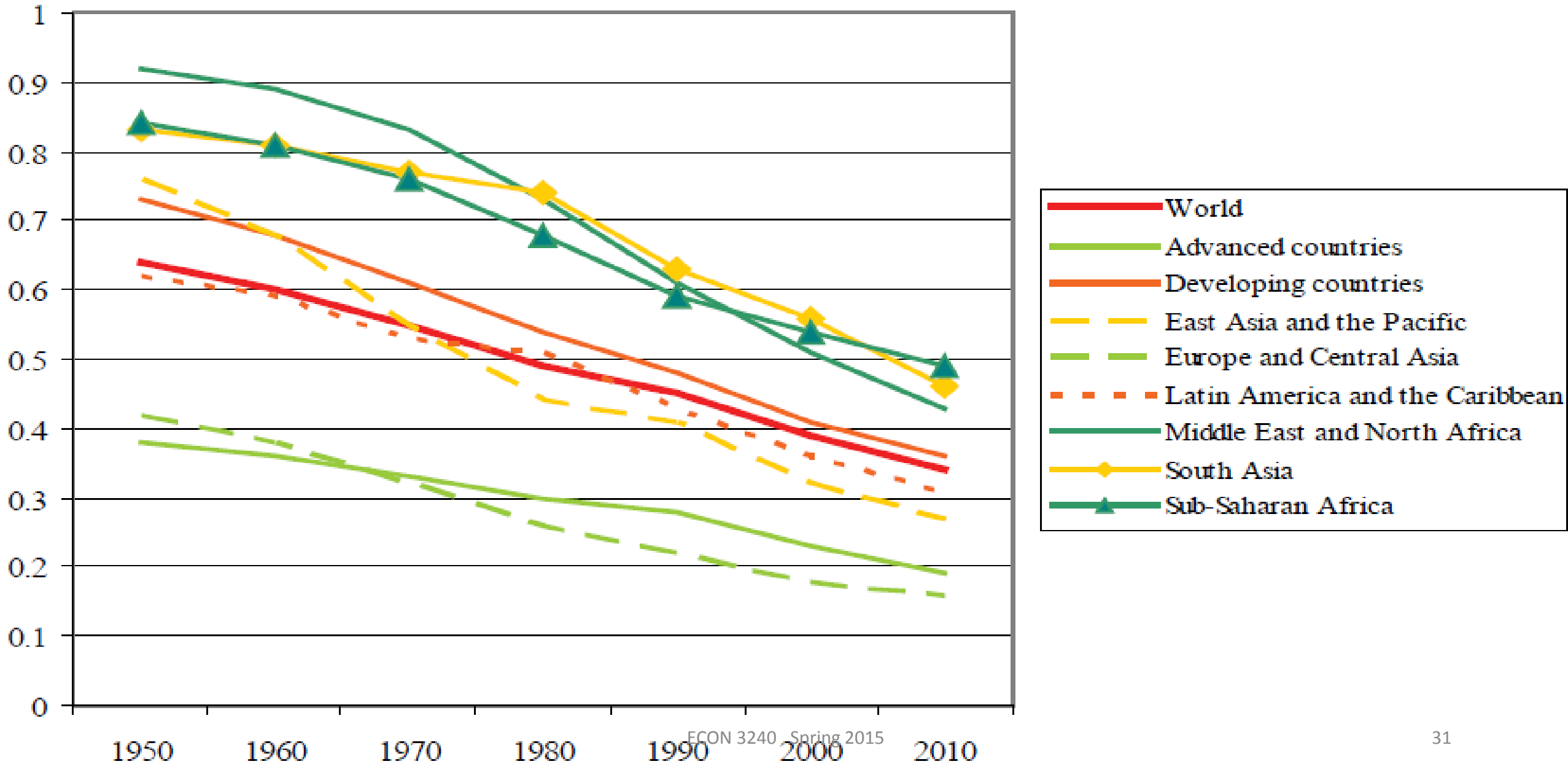


Figure 5: World income distribution now and fifty years ago

Source: [3 myths that block progress for the poor](#)

### THE POVERTY CURVE: FROM TWO HUMPS TO ONE

A half-century ago, the distribution of income in the world looked like a camel with two humps. The first hump represented the so-called developing world. The second hump represented people in wealthier countries (mostly in the West). But the world is no longer separated into the West and the rest. More than a billion people have risen out of extreme poverty, and most of humanity is now in the large dromedary-like hump in the middle.





Strong Euro makes Europe look richer (but not now) Source: [Piketty 2014](#)

**Table 1.1: Distribution of world GDP, 2012**

	Population (million inhabitants)		GDP (billion euros 2012)		Per capita GDP	Equivalent per capita monthly income
					(euros 2012)	
<b>World</b>	<b>7,050</b>	<b>100%</b>	<b>71,200</b>	<b>100%</b>	<b>10,100 €</b>	<b>760 €</b>
<b>Europe</b>	<b>740</b>	<b>10%</b>	<b>17,800</b>	<b>25%</b>	<b>24,000 €</b>	<b>1,800 €</b>
incl. European Union	540	8%	14,700	21%	27,300 €	2,040 €
incl. Russia/Ukraine	200	3%	3,100	4%	15,400 €	1,150 €
<b>America</b>	<b>950</b>	<b>13%</b>	<b>20,600</b>	<b>29%</b>	<b>21,500 €</b>	<b>1,620 €</b>
incl. United States/Canada	350	5%	14,300	20%	40,700 €	3,050 €
incl. Latin America	600	9%	6,300	9%	10,400 €	780 €
<b>Africa</b>	<b>1,070</b>	<b>15%</b>	<b>2,800</b>	<b>4%</b>	<b>2,600 €</b>	<b>200 €</b>
incl. North Africa	170	2%	1,000	1%	5,700 €	430 €
incl. Sub-Saharan Africa	900	13%	1,800	3%	2,000 €	150 €
<b>Asia</b>	<b>4,290</b>	<b>61%</b>	<b>30,000</b>	<b>42%</b>	<b>7,000 €</b>	<b>520 €</b>
incl. China	1,350	19%	10,400	15%	7,700 €	580 €
incl. India	1,260	18%	4,000	6%	3,200 €	240 €
incl. Japan	130	2%	3,800	5%	30,000 €	2,250 €
incl. Other	1,550	22%	11,800	17%	7,600 €	570 €