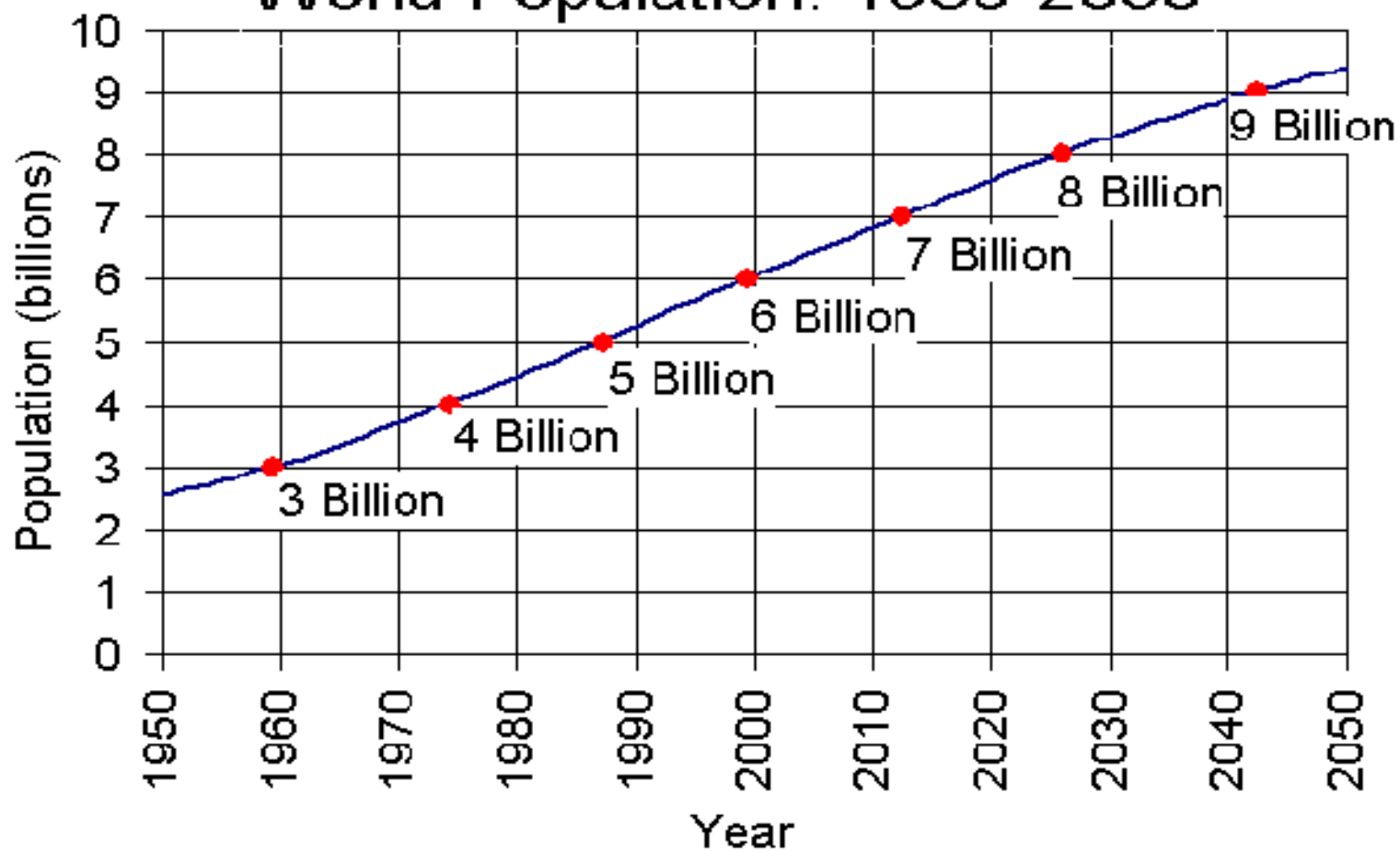


Millennium Development Goals and Health Science

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World Population: 1950-2050



Source: U.S. Census Bureau, International Data Base, August 2006 version.

The population clock

- World **6,546,422,444**
- U.S. **299,829,744**
- 22:49 GMT Sep 25, 2006

- World **6,546,833,147**
- U.S. **299,846,545**
- 21:34 GMT Sep 27, 2006

- Increase of about 400,000 in about 48 hours
- The population of Iceland is about 300,000

Is the world getting too crowded?

- Iceland is 103,000 km²
- World population 6.5 billions
- 15 m² per person or 140 sq ft

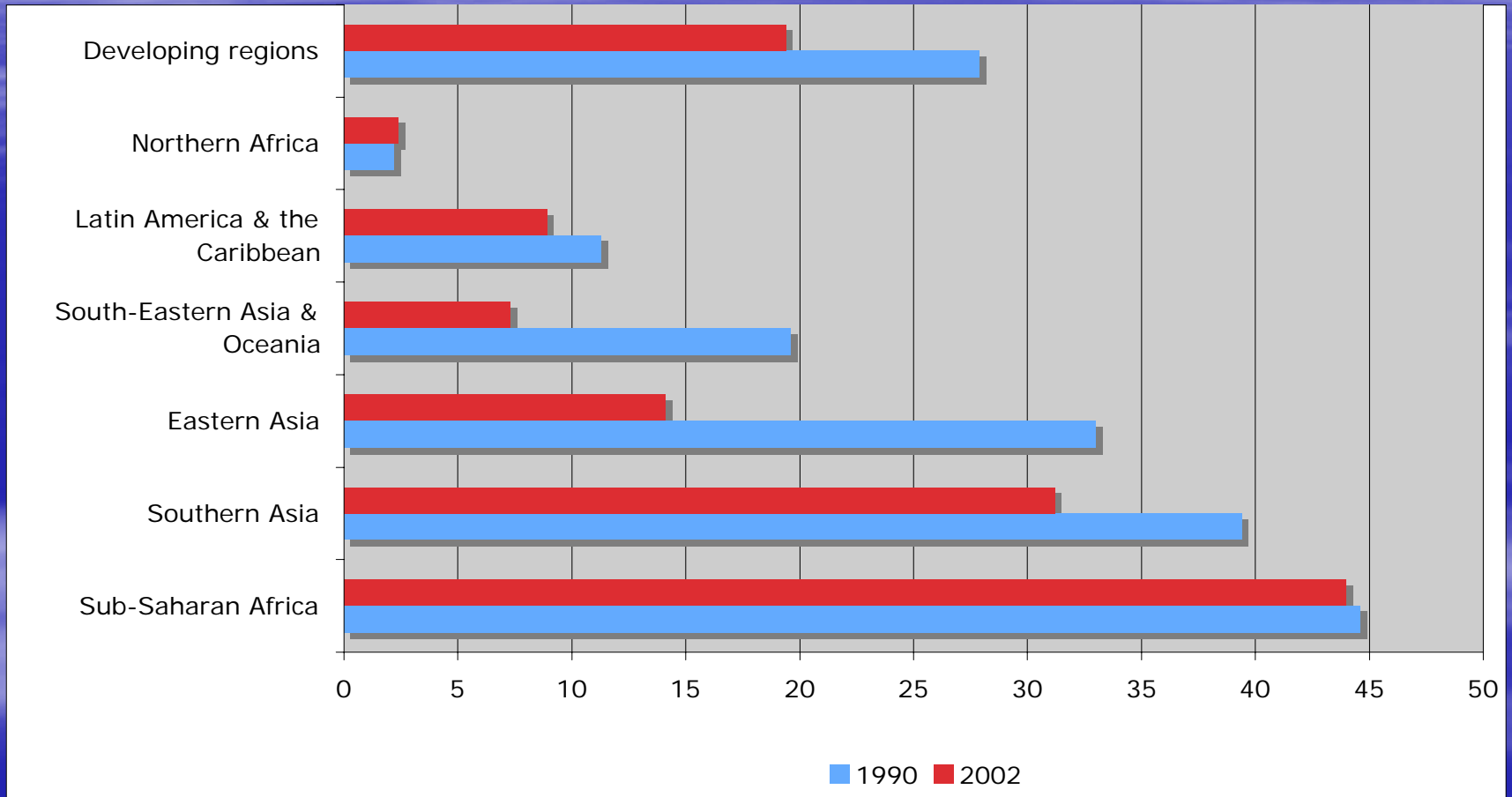
The Millennium Development Goals

- In September 2000, the largest-ever gathering of Heads of State ushered in the new millennium by adopting the UN Millennium Declaration. The Declaration, endorsed by 189 countries, was then translated into a roadmap setting out goals to be reached by 2015.
- The eight MDGs build on agreements made at United Nations conferences in the 1990s and represent commitments to reduce poverty and hunger, and to tackle ill-health, gender inequality, lack of education, lack of access to clean water and environmental degradation.

The Millennium Development Goals

- **Goal 1: Eradicate Extreme Hunger and Poverty**
- Target 1: During 1990-2015, halve the proportion of people whose income is less than 1\$ a day

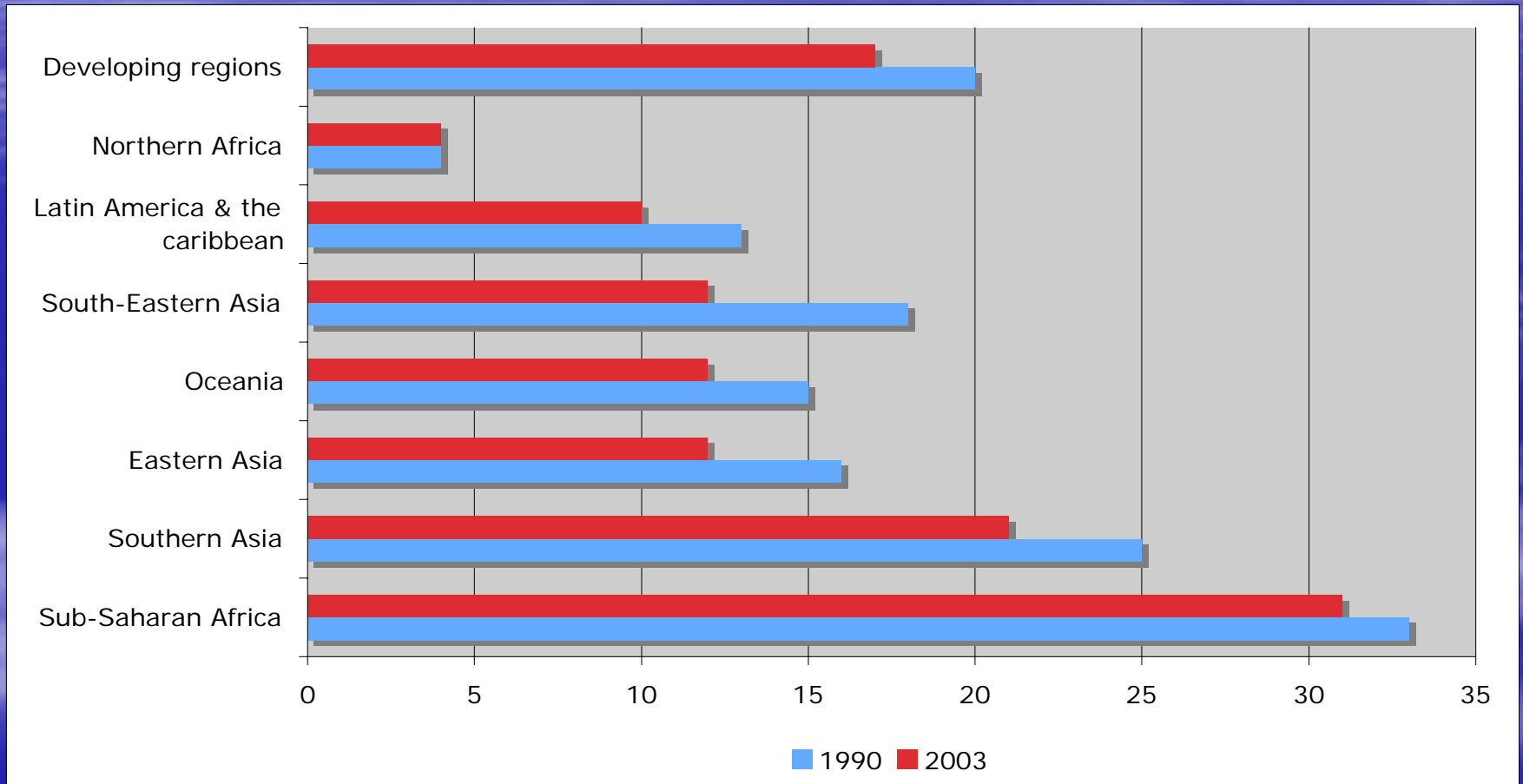
Proportion of people living on less than \$1 a day (%)



The Millennium Development Goals

- **Goal 1: Eradicate Extreme Hunger and Poverty**
- Target 2: During 1990-2015, halve the proportion of people that suffer from hunger

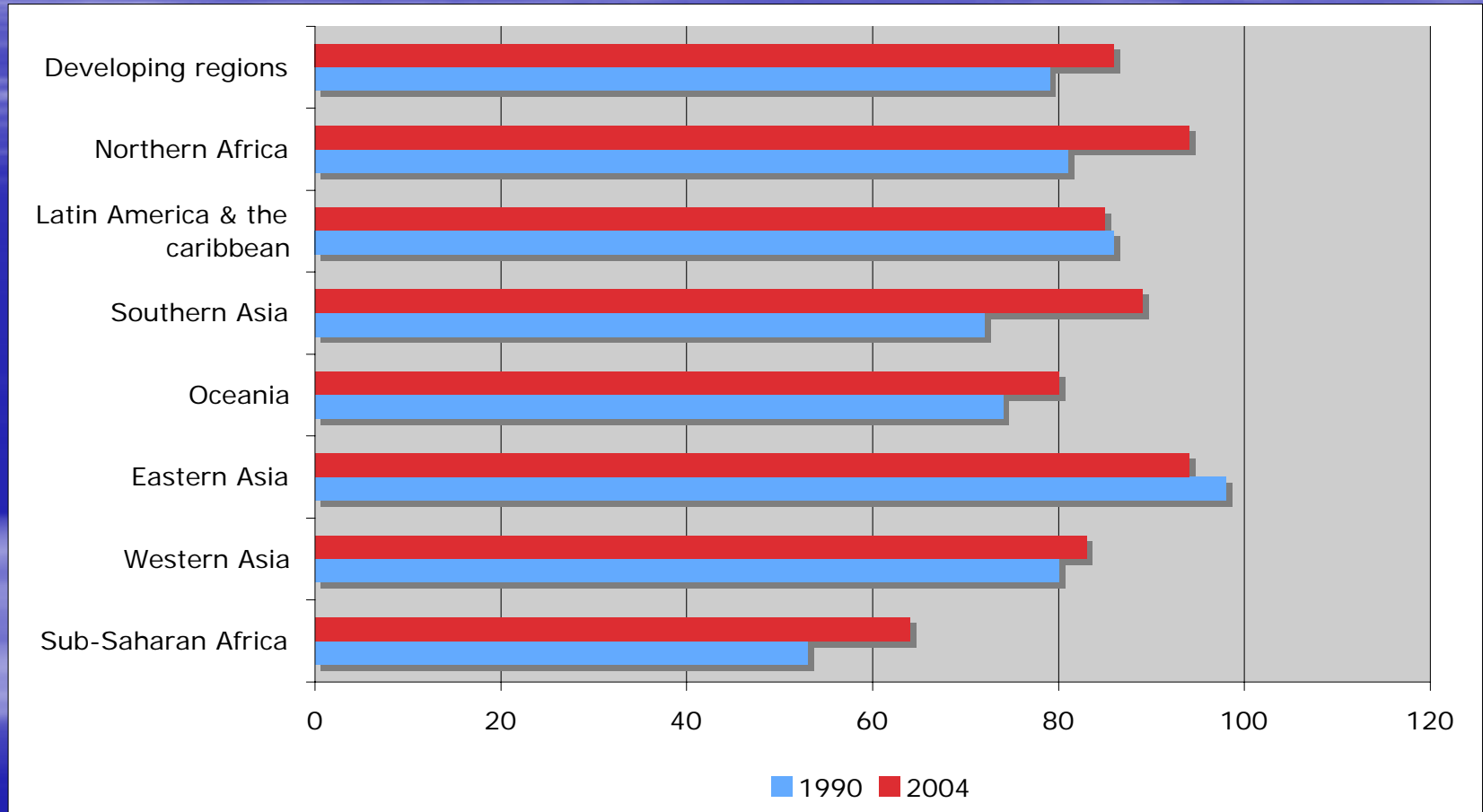
Proportion of people living with insufficient food (%)



The Millennium Development Goals

- **Goal 2: Achieve Universal Primary Education**
- Target 3: That by 2015 children (boys and girls) everywhere will be able to complete full course of primary schooling

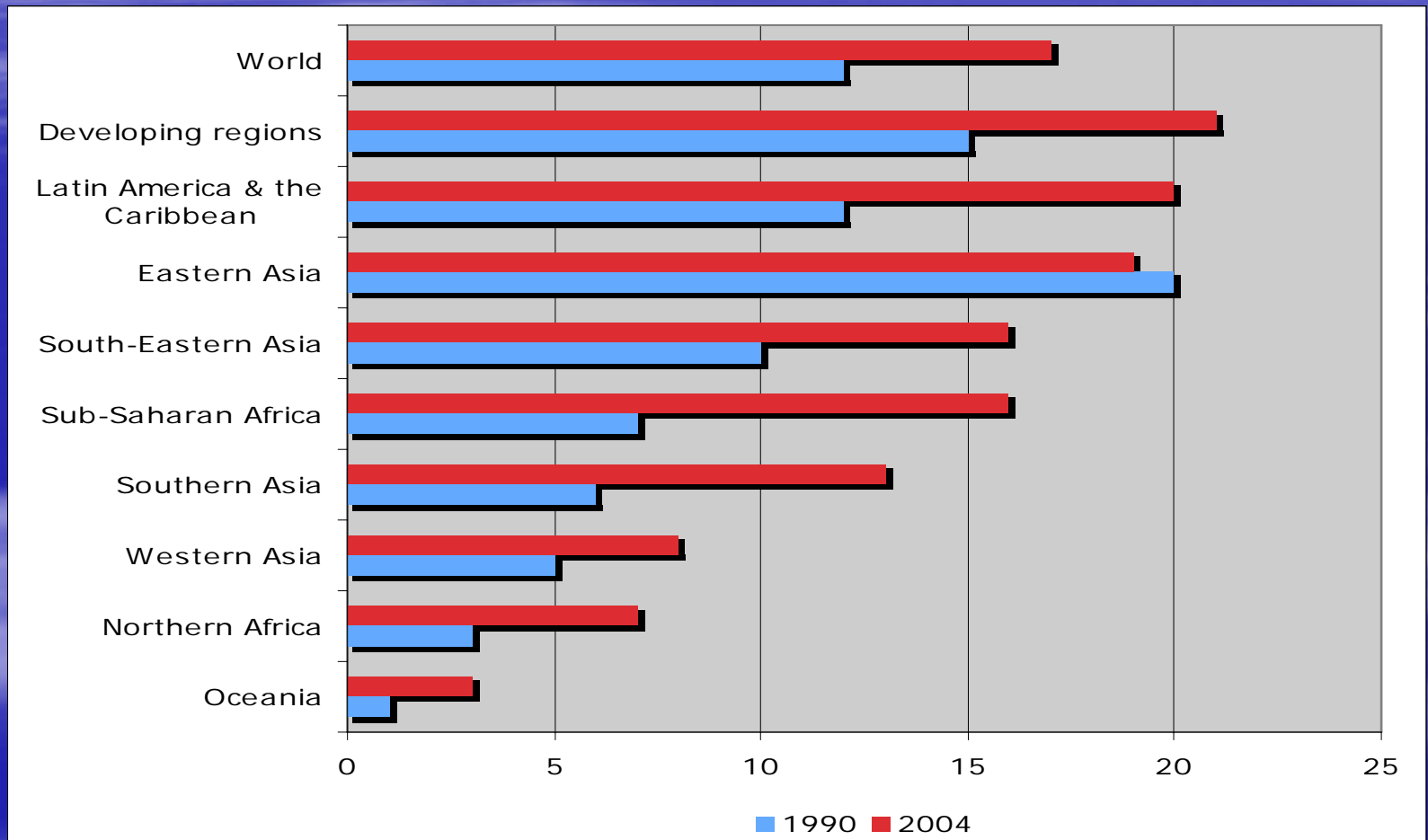
Net enrolment ratio in primary education (%)



The Millennium Development Goals

- **Goal 3: Promote Gender Equality and Empower Women**
- Target 4: Eliminate gender disparity in primary and secondary education preferably by 2005 and in all levels of education no later than 2015

Share of women in single or lower houses of parliament (%)

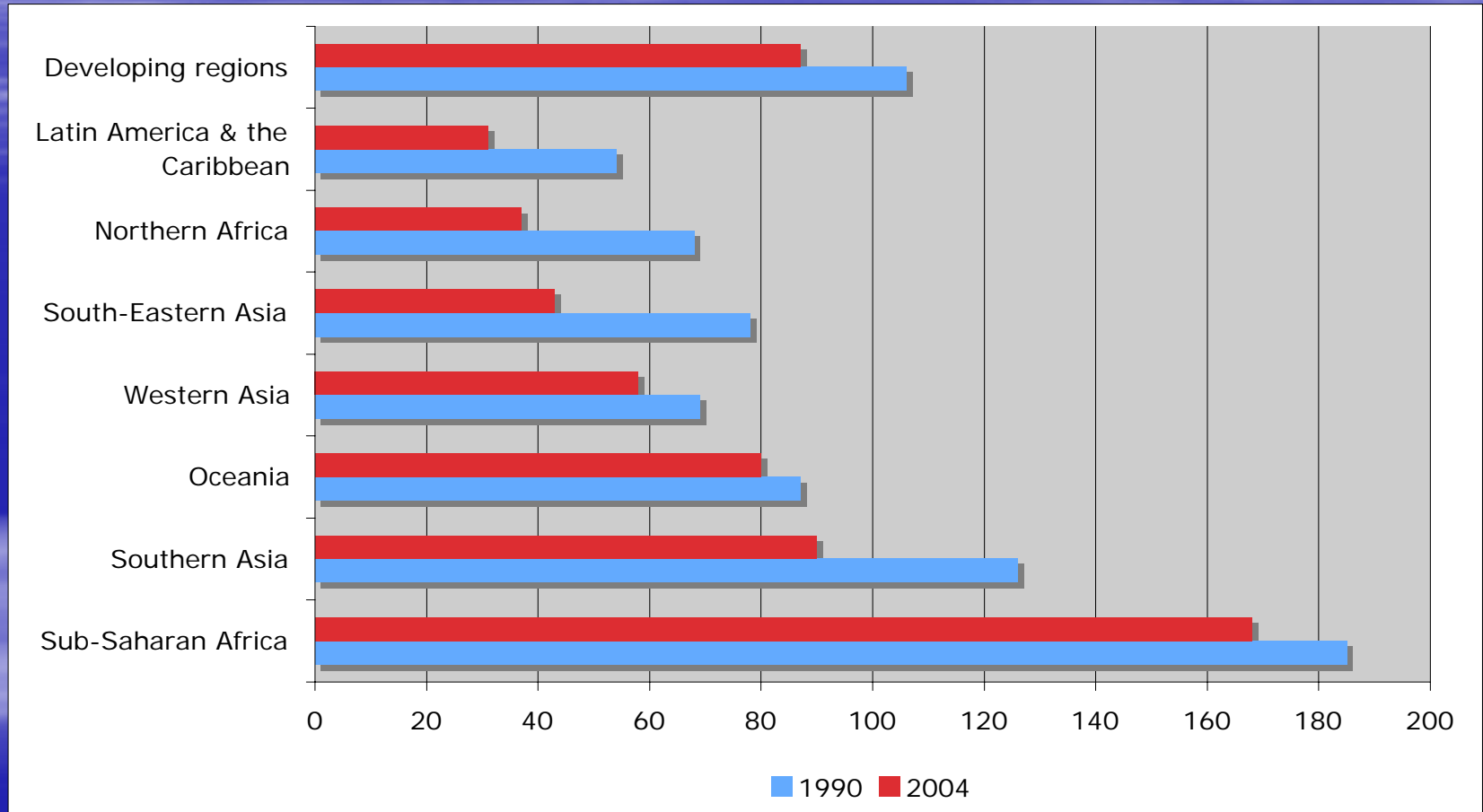


- The next three goals relate directly to health.
- However, remember that health is also an important contributor to the other goals.

The Millennium Development Goals

- **Goal 4: Reduce Child Mortality**
- Target 5: Reduce by 2/3 between 1990 and 2015, the under-five mortality rate

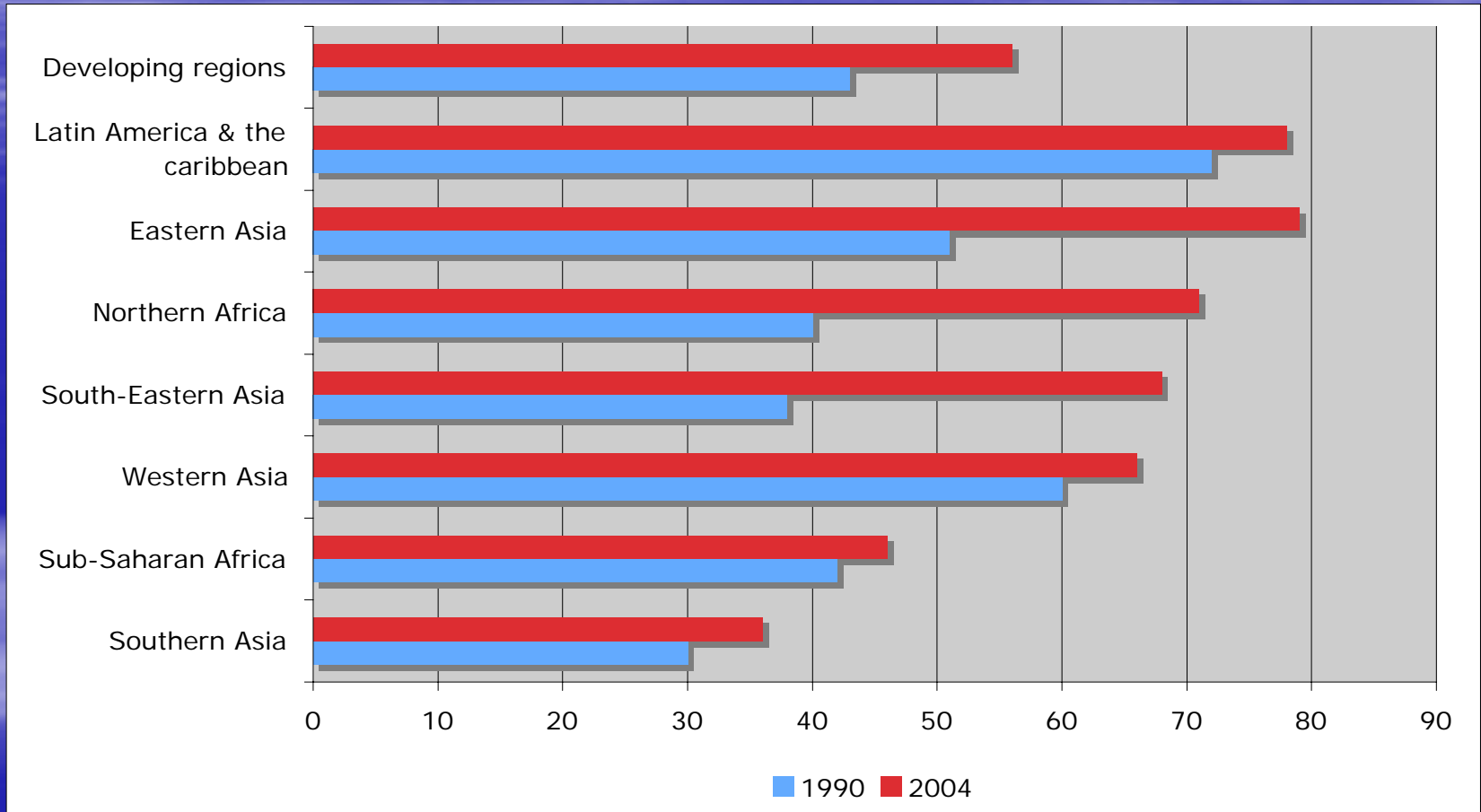
Under-five mortality rate per 1000 live births



The Millennium Development Goals

- **Improve Maternal Health**
- Target 6: Reduce by 3/4 between 1990 and 2015, the maternal mortality ratio

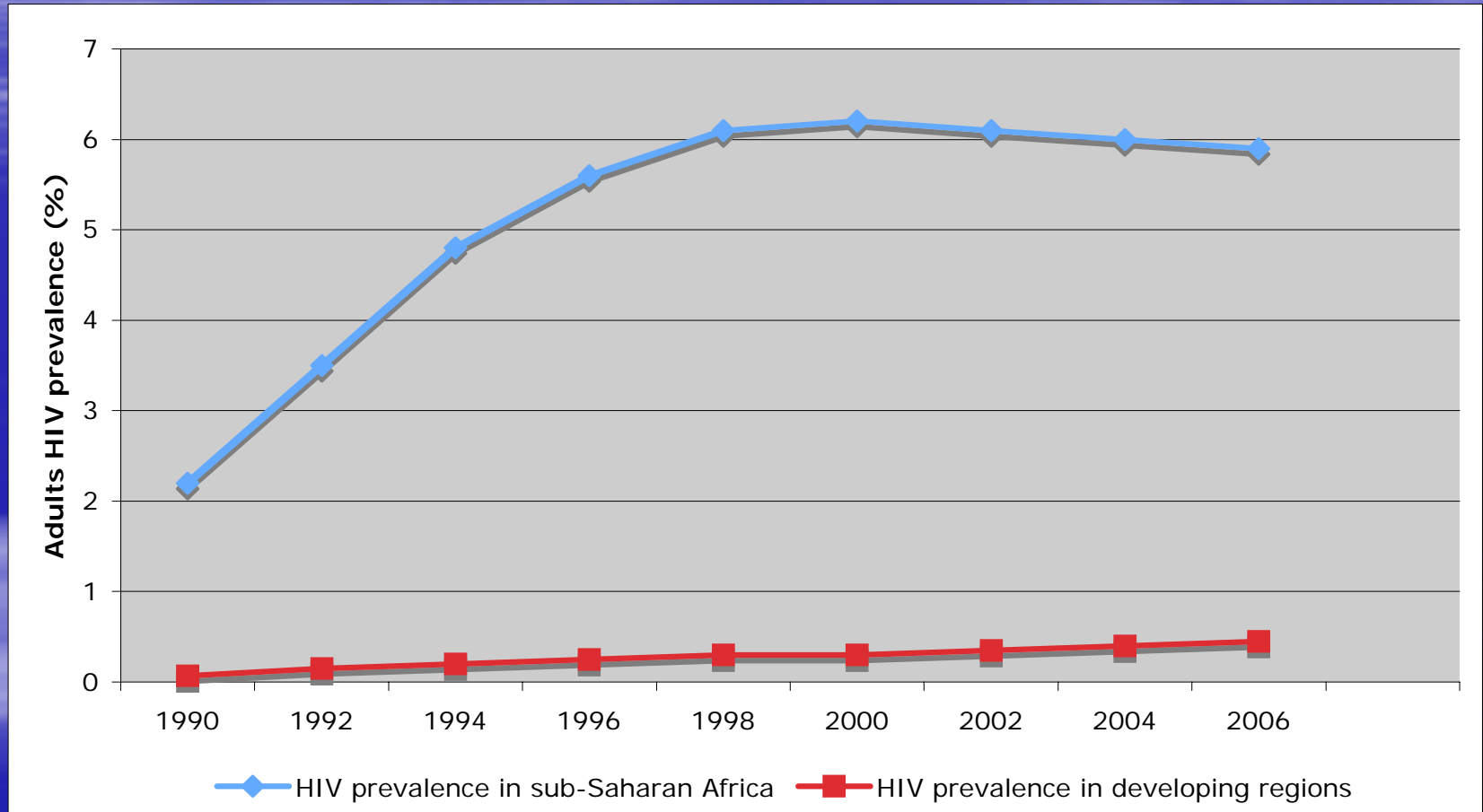
Proportion of deliveries attended by skilled health care personnel



The Millennium Development Goals

- **Goal 6: Combat HIV/AIDS, Malaria and other diseases**
- Target 7: Have halted by 2015 and begun to reverse the spread of HIV/AIDS
- Target 8: Have halted by 2015 and begun to reverse the incidence of malaria and other major diseases

HIV prevalence in adults aged 15-49



The Millennium Development Goals

- **Goal 7: Ensure Environmental Sustainability**
- Target 9: Integrate the principles of sustainable development into country policies and programs and reverse the loss of environmental resources
- Target 10; Halve, by 2015, the proportion of people without sustainable access to safe drinking water and basic sanitation
- Target 11: Have achieved by 2020 a significant improvement in the lives of at least 100 million slum dwellers

The Millennium Development Goals

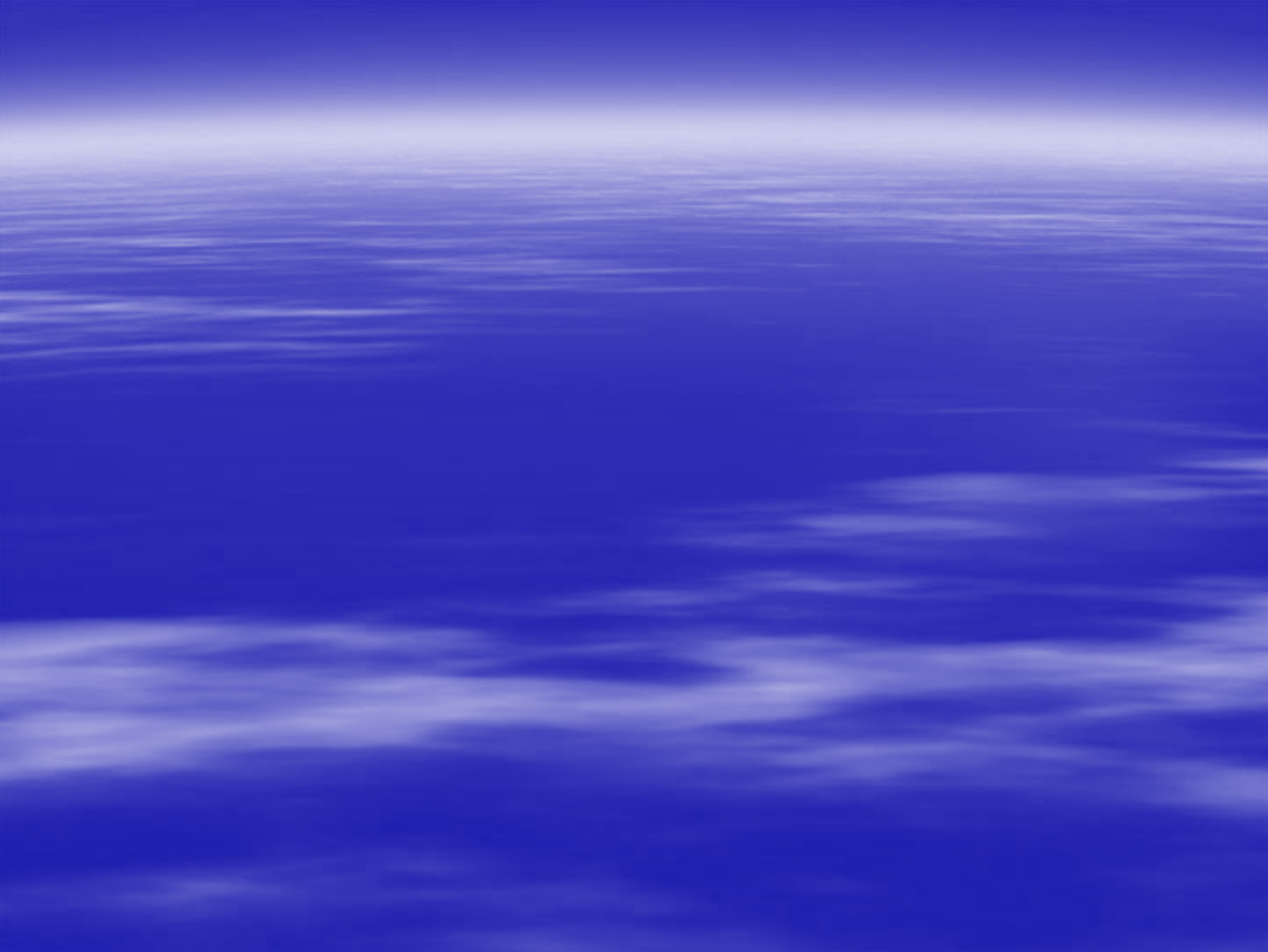
- **Goal 8: Develop a Global Partnership for Development**
- **Targets 12-15**

Strong Icelandic support of the Millennium Development Goals can help the world to obtain:

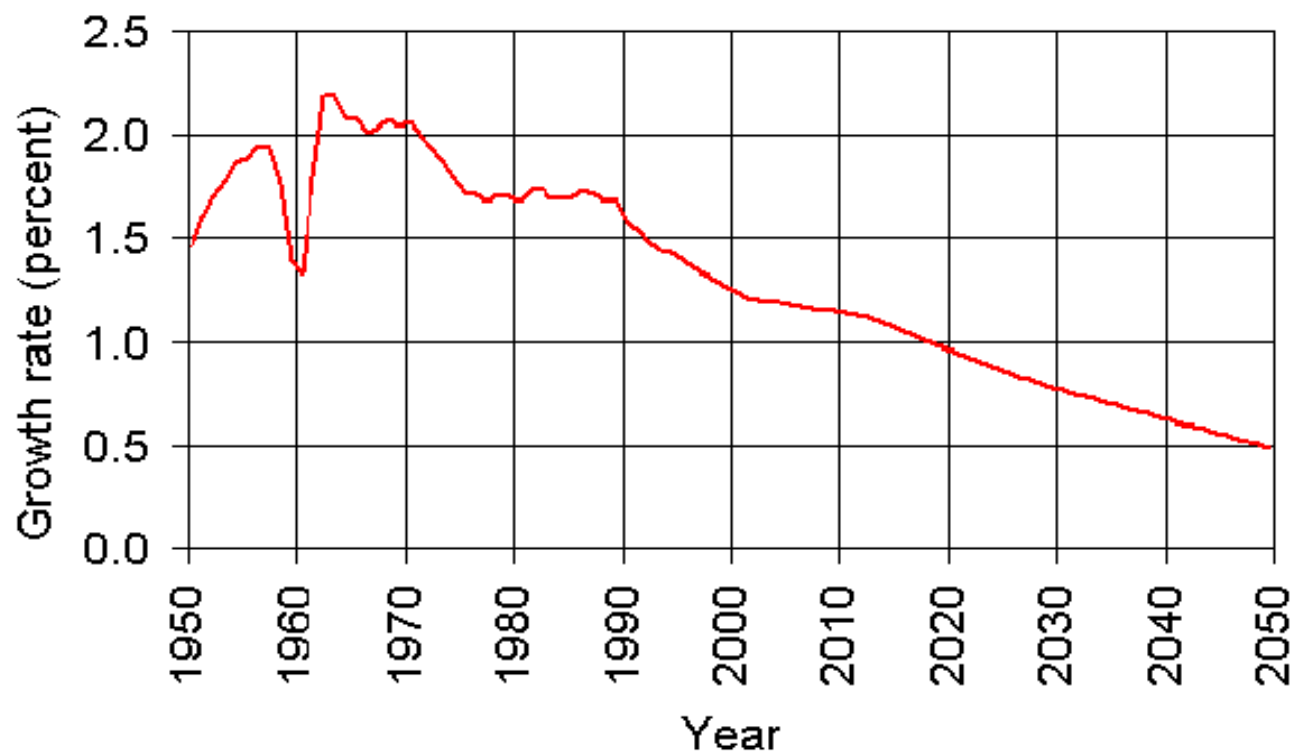
- A world with less poverty, hunger and disease;
- Greater survival prospects for mothers and their infants;
- Better educated children;
- Equal opportunities for women;
- Healthier environment.



Thank you



World Population Growth Rates: 1950-2050



Source: U.S. Census Bureau, International Data Base, August 2006 version.

Iceland

- Infant mortality rate, male 3,4
- Infant mortality rate, female 3,0

- Life expectancy, male 78,2
- Life expectancy, female 82,5

Malawi

- Infant mortality rate, male 98,0
- Infant mortality rate, female 89,4

- Life expectancy, male 42,8
- Life expectancy, female 41,9