



# Denmark



Commitment to Development Index 2007

## Denmark

David Roodman and Selvin Akkus

The Commitment to Development Index (CDI) ranks 21 of the world's richest countries based on their dedication to policies that benefit poor nations. Looking beyond standard comparisons of foreign aid flows, the CDI measures national effort in seven policy areas that are important to developing countries: aid, trade, investment, migration, environment, security and technology. This report reviews Denmark's performance on the 2007 CDI.

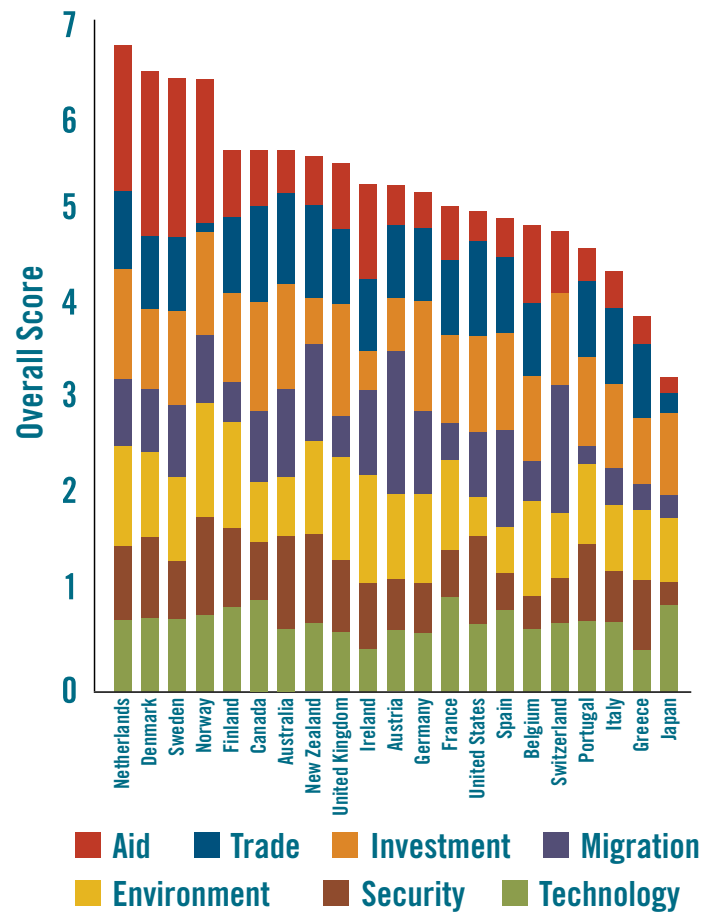
### Denmark's 2007 CDI Performance

- Overall rank 2007: 2
  - Overall score 2007: 6.5
  - Change since 2003: -0.4
- (using 2007 methodology)

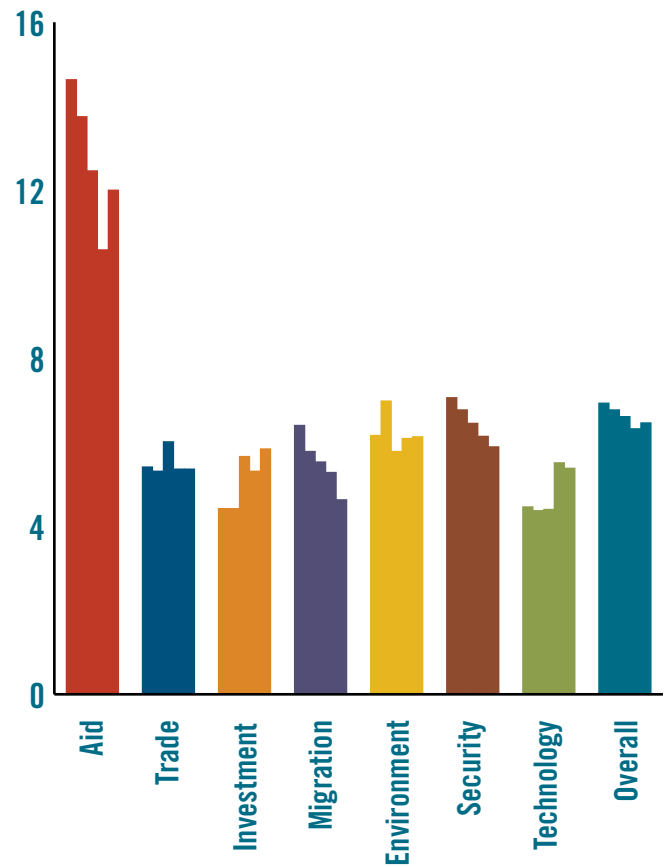
Denmark ranks 2nd overall in 2007. The Danish foreign aid program is the best in the world in terms of quantity, weighted for country size, as well as its quality. Denmark also contributes a large amount of personnel and finance to international peacekeeping and humanitarian interventions, and encourages research and development. But Denmark's performance is affected by its barriers against agricultural imports from developing countries and its high fishing subsidies.

[www.cgdev.org/cdi](http://www.cgdev.org/cdi)

### Commitment to Development Index 2007



### Denmark's CDI Performance, 2003-2007



## Aid

Aid quality is just as important as aid quantity, so the CDI measures gross aid as a share of GDP adjusted for various quality factors: it subtracts debt service, penalizes “tied” aid that makes recipients spend aid only on donor goods and services, rewards aid to poor but relatively uncorrupt recipients, and penalizes overloading poor governments with many small projects.

■ **Score: 12.0**

■ **Rank: 1**

### Strengths

- Very high net aid volume as a share of the economy (0.80%; rank: 3)
- Prevents project proliferation; large average project size (rank: 4)
- Selectivity: large share of aid to poor and relatively democratic governments (rank: 1)

### Weaknesses

- Small amount of private charitable giving attributable to tax policy (rank by share of GDP: 13)

## Trade

International trade has been a force for economic development for centuries. The CDI measures trade barriers in rich countries against exports from developing countries.

■ **Score: 5.4**

■ **Rank: 11**

### Weaknesses

- High tariffs on agricultural products (40.4% of the value of imports; rank: 11)
- High agricultural subsidies (equivalent to 14.7% tariff; rank: 18)

## Investment

Rich-country investment in poorer countries can transfer technologies, upgrade management and create jobs. The CDI includes a checklist of policies that support healthy investment in developing countries.

■ **Score: 5.8**

■ **Rank: 17**

### Strengths

- Employs foreign tax credits to prevent double taxation of corporate profits earned abroad
- Provides assistance to developing countries to set up investment promotion agencies

### Weaknesses

- Political risk insurance also given to inefficient, import-substituting projects
- Does not allow domestic investors to take advantage of developing country tax incentives
- Does not provide support for design of securities regulations and institutions in developing countries
- Does not actively participate in the Extractive Industries Transparency Initiative (EITI)
- Does not provide support for outflows of portfolio investment

## Migration

The movement of people from poor to rich countries provides unskilled immigrants with jobs, income and knowledge. This increases the flow of money sent home by migrants abroad and the transfer of skills when the migrants return.

■ **Score: 4.6**

■ **Rank: 13**

### Strengths

- Bears large share of the burden of refugees during humanitarian crises (rank: 7)
- Large increase during the 1990s in the number of unskilled immigrants from developing countries living in Denmark (rank by share of population: 8)
- No tuition fee for foreign students

### Weaknesses

- Small number of immigrants from developing countries entering Denmark (rank by share of population: 14)



# Environment

Rich countries use a disproportionate amount of scarce resources, and poor countries are most vulnerable to global warming and ecological deterioration, so the CDI measures the impact of policies on the global climate, fisheries, and biodiversity.

■ **Score: 6.1**

■ **Rank: 11**

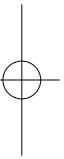
## Strengths

- Decline in greenhouse gas emissions in 1995–2005 (average annual growth rate/GDP, -4.1%; rank: 3)

## Weaknesses

- High fishing subsidies (\$8.50 per person; rank: 21)
- High greenhouse gas emissions rate per capita (11.8 tons of carbon dioxide equivalent; rank: 13)

# Security



Since security is a prerequisite for development, the CDI rewards contributions to internationally sanctioned peacekeeping operations and forcible humanitarian interventions, rewards military protection of global sea lanes, and penalizes arms exports to poor and undemocratic governments.

■ **Score: 5.9**

■ **Rank: 5**

## Strengths

- Significant financial and personnel contributions to internationally sanctioned peacekeeping and humanitarian interventions over last decade (rank by share of GDP: 5)
- No arms exports to poor and undemocratic governments (rank by share of GDP: 1)

## Weaknesses

- No protection of global sea lanes

# Technology

Rich countries contribute to development through the creation and dissemination of new technologies. The CDI captures this by measuring government support for R&D and penalizing strong intellectual property rights regimes that limit the dissemination of new technologies to poor countries.

■ **Score: 5.4**

■ **Rank: 7**

## Strengths

- High tax subsidy rate to businesses for R&D (rank: 6)
- Low share of government R&D expenditure on defense (0.75%; rank: 8)

## Weaknesses

- Offers patent-like proprietary rights to developers of data compilations, including those assembled from data in the public domain
- Imposes strict limitations on anti-circumvention technologies that can defeat encryption of copyrighted digital materials

## Background Papers and Contributors

See “The Commitment to Development Index: 2007 Edition” by David Roodman, available at [www.cgdev.org/cdi](http://www.cgdev.org/cdi). The website also has background papers for each policy area: David Roodman on foreign aid, William R. Cline on trade, Theodore H. Moran on investment, Elizabeth Grieco and Kimberly A. Hamilton on migration, Amy Cassara and Daniel Prager on environment, Michael E. O’Hanlon and Adriana Lins de Albuquerque on security, and Keith Maskus on technology.

## Commitment to Development Index 2007

Country	Rank	Aid	Trade	Investment	Migration	Environment	Security	Technology	Overall Score	Change since 2003
Netherlands	1	10.7	5.7	8.0	4.8	7.3	5.4	5.2	6.7	-0.1
Denmark	2	12.0	5.4	5.8	4.6	6.1	5.9	5.4	6.5	-0.4
Sweden	3	11.6	5.4	6.9	5.2	6.1	4.2	5.3	6.4	+0.3
Norway	3	10.5	0.7	7.5	4.9	8.4	7.1	5.6	6.4	+0.4
Finland	5	4.9	5.5	6.5	2.9	7.7	5.7	6.2	5.6	+0.5
Canada	5	4.1	7.1	8.0	5.1	4.0	4.3	6.7	5.6	+0.4
Australia	5	3.1	6.7	7.6	6.5	3.8	6.8	4.6	5.6	-0.3
New Zealand	5	3.6	6.7	3.4	7.1	6.8	6.5	5.0	5.6	-0.3
United Kingdom	9	4.8	5.5	8.1	3.0	7.5	5.2	4.3	5.5	+0.3
Ireland	10	6.9	5.3	2.8	6.2	7.9	4.8	3.1	5.3	+0.6
Austria	10	2.9	5.4	3.9	10.4	6.2	3.8	4.4	5.3	0.0
Germany	12	2.6	5.4	8.0	6.0	6.5	3.6	4.3	5.2	-0.1
France	13	4.0	5.4	6.5	2.7	6.5	3.4	6.9	5.1	+0.2
United States	14	2.2	7.0	7.0	4.7	2.9	6.4	4.9	5.0	+0.3
Spain	15	2.9	5.5	7.1	7.1	3.3	2.7	6.0	4.9	+1.1
Belgium	15	5.7	5.4	6.2	2.9	7.0	2.4	4.5	4.9	+0.2
Switzerland	17	4.5	0.0	6.7	9.3	4.8	3.3	4.9	4.8	-0.6
Portugal	18	2.4	5.5	6.5	1.3	5.8	5.6	5.2	4.6	+0.2
Italy	19	2.7	5.6	6.1	2.7	4.8	3.8	5.0	4.4	+0.3
Greece	20	2.0	5.4	4.9	1.9	5.1	5.1	3.0	3.9	+0.2
Japan	21	1.2	1.5	5.9	1.7	4.7	1.7	6.3	3.3	+0.7

This table ranks the 21 countries in the CDI, showing their scores in seven policy areas. A country's overall score is the average of its seven policy scores. The final column shows the change in each country's overall score since the CDI began in 2003, using 2007 methodology.

The CGD website ([www.cgdev.org/cdi](http://www.cgdev.org/cdi)) has reports on each of the 21 countries in the CDI, as well as graphs, maps, spreadsheets and background papers.

The Commitment to Development Index is designed by the Center for Global Development, an independent think tank that works to reduce global poverty and inequality by encouraging policy change in the United States and other rich countries through rigorous research and active engagement with the policy community.

David Roodman, the architect of the Commitment to Development Index, is a research fellow at the Center for Global Development.

**Center for Global Development**  
*Independent research and practical ideas for global prosperity*

[www.cgdev.org](http://www.cgdev.org)

1776 Massachusetts Ave., NW • Washington D.C. 20036  
 Tel: 202.416.0700 • Fax: 202.416.0750

