

Public Attitudes towards Climate Change & Other Environmental Issues across Time and Countries, 1993- 2010



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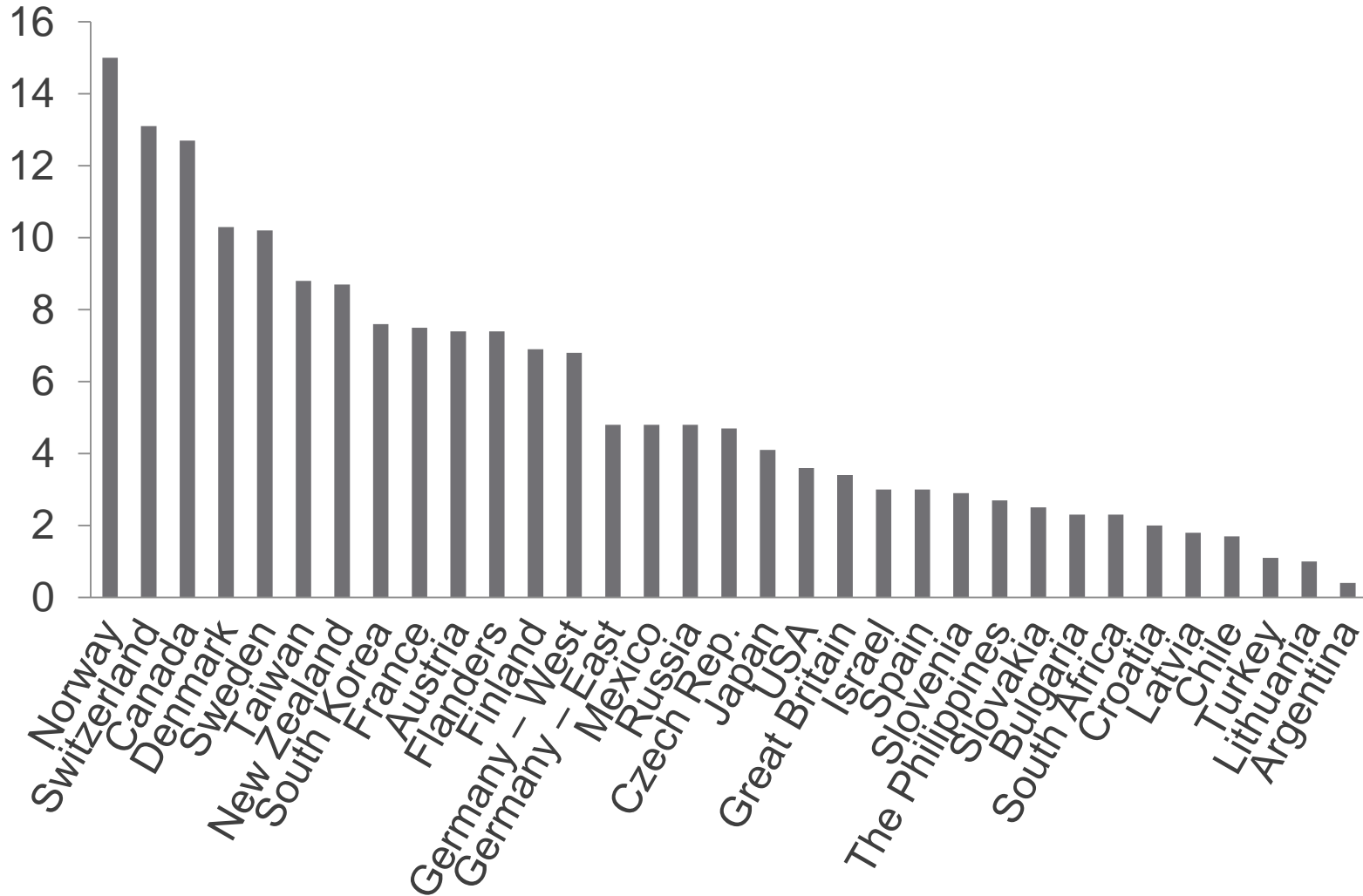
NORC
at the UNIVERSITY of CHICAGO

Most Important Issues: % Selecting and Rank of Environment (2010)

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Country	% Selecting Environment	Rank of Environment Among 8 Problems
Norway	15.0	3
Switzerland	13.1	4
Canada	12.7	3
Denmark	10.3	4
Sweden	10.2	5
Taiwan	8.8	5
New Zealand	8.7	5
South Korea	7.6	5
France	7.5	5
Austria	7.4	6
Flanders	7.4	4
Finland	6.9	4
Germany – West	6.8	5
Germany – East	4.8	5
Mexico	4.8	6
Russia	4.8	6
Czech Rep.	4.7	6
Japan	4.1	5
USA	3.6	6
Great Britain	3.4	6
Israel	3.0	7
Spain	3.0	8
Slovenia	2.9	5
The Philippines	2.7	6
Slovakia	2.5	6
Bulgaria	2.3	6
South Africa	2.3	7
Croatia	2.0	6
Latvia	1.8	6.5
Chile	1.7	6
Turkey	1.1	7
Lithuania	1.0	7
Argentina	0.4	7.5

Most Important Issues: % Selecting Environment (2010)

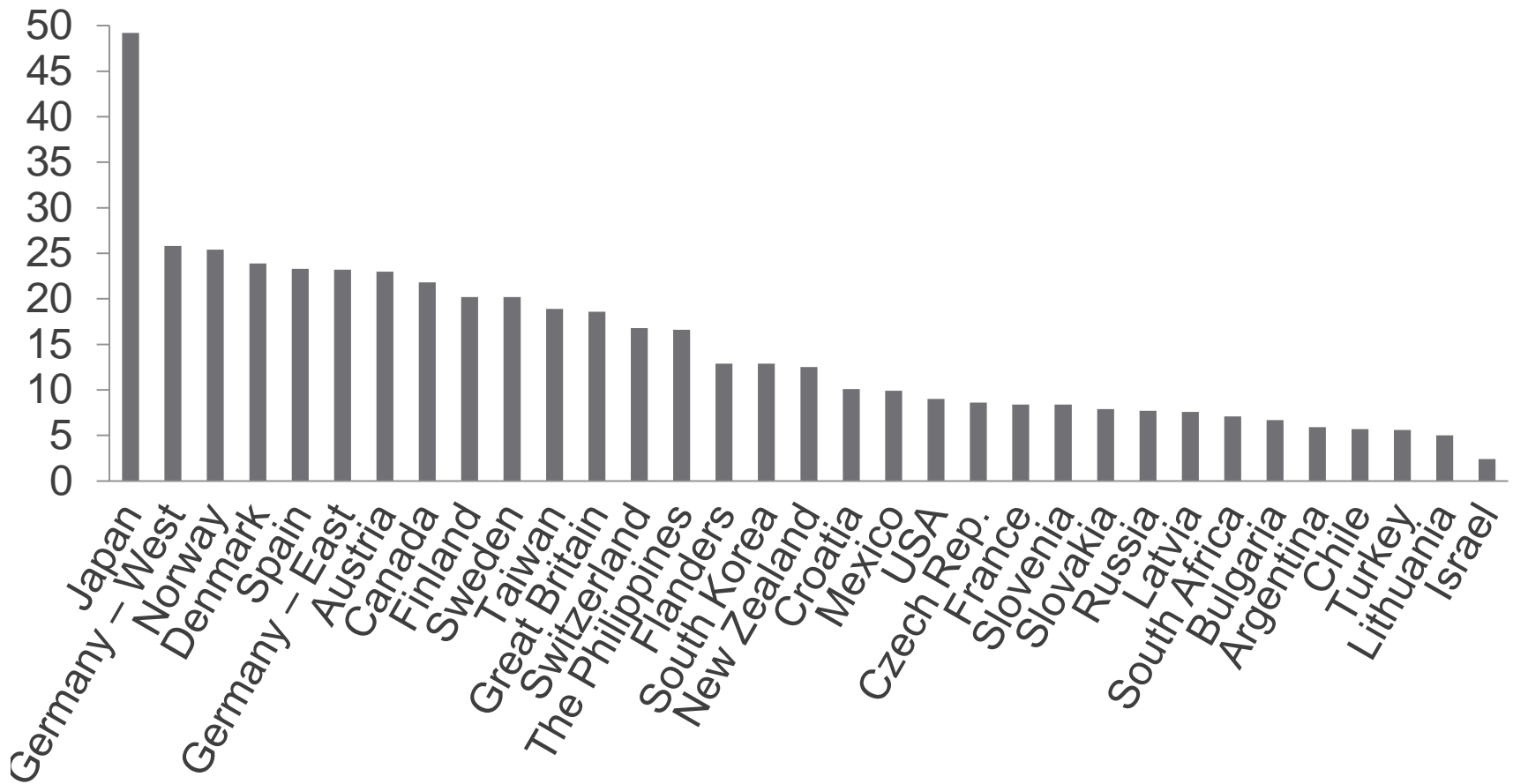


Most Important Environmental Problems for Country as a Whole:

% Selecting Climate Change and Rank (2010)

Country	% Selecting Climate Change	Rank of Climate Change among 9 Environmental Problems
Japan	49.2	1
Germany – West	25.8	1
Norway	25.4	1
Denmark	23.9	1
Spain	23.3	1
Germany – East	23.2	1
Austria	23.0	2
Canada	21.8	1
Finland	20.2	1
Sweden	20.2	1
Taiwan	18.9	2
Great Britain	18.6	1
Switzerland	16.8	3
The Philippines	16.6	2
Flanders	12.9	2
South Korea	12.9	5
New Zealand	12.5	2
Croatia	10.1	5
Mexico	9.9	4
USA	9.0	5
Czech Rep.	8.6	5
France	8.4	6
Slovenia	8.4	5
Slovakia	7.9	5
Russia	7.7	6.5
Latvia	7.6	7
South Africa	7.1	4
Bulgaria	6.7	6
Argentina	5.9	7
Chile	5.7	7.5
Turkey	5.6	7
Lithuania	5.0	7
Israel	2.4	9

Percent Selecting Climate Change as Most Important Environmental Problem (2010)

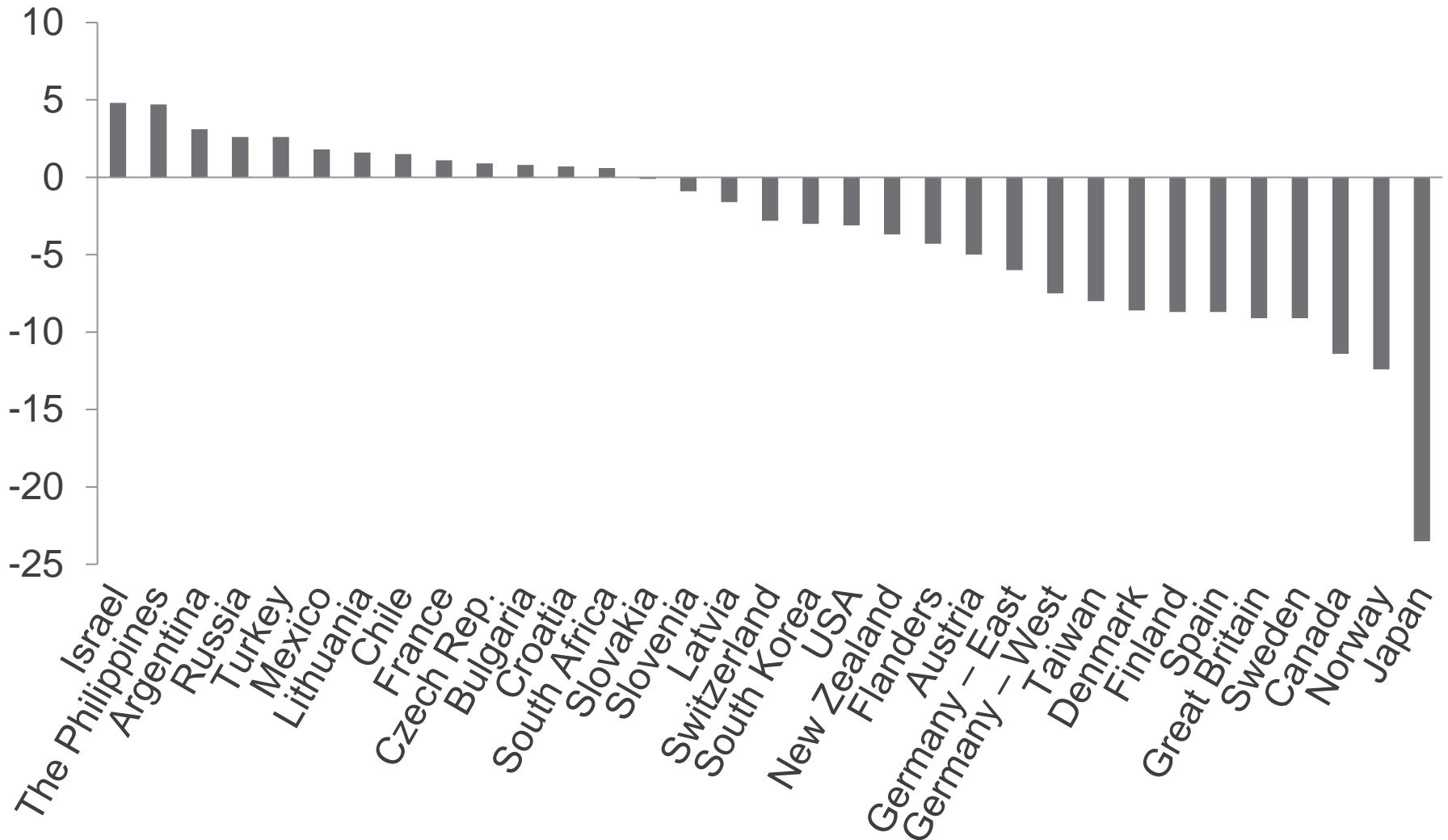


Most Important Problems for Country vs. Self and Family: %

Selecting Climate Change for Self/Family - % Selecting Climate for Country

Country	Climate Change (Self/Family—Country)
Israel	+ 4.8
The Philippines	+ 4.7
Argentina	+ 3.1
Russia	+ 2.6
Turkey	+ 2.6
Mexico	+ 1.8
Lithuania	+ 1.6
Chile	+ 1.5
France	+ 1.1
Czech Rep.	+ 0.9
Bulgaria	+ 0.8
Croatia	+ 0.7
South Africa	+ 0.6
Slovakia	- 0.1
Slovenia	- 0.9
Latvia	- 1.6
Switzerland	- 2.8
South Korea	- 3.0
USA	- 3.1
New Zealand	- 3.7
Flanders	- 4.3
Austria	- 5.0
Germany – East	- 6.0
Germany – West	- 7.5
Taiwan	- 8.0
Denmark	- 8.6
Finland	- 8.7
Spain	- 8.7
Great Britain	- 9.1
Sweden	- 9.1
Canada	- 11.4
Norway	- 12.4
Japan	- 23.5

Most Important Environmental Problems for Country vs. Self and Family |
 % Selecting Climate Change for Self/Family - % Selecting Climate Change for
 Country (2010)

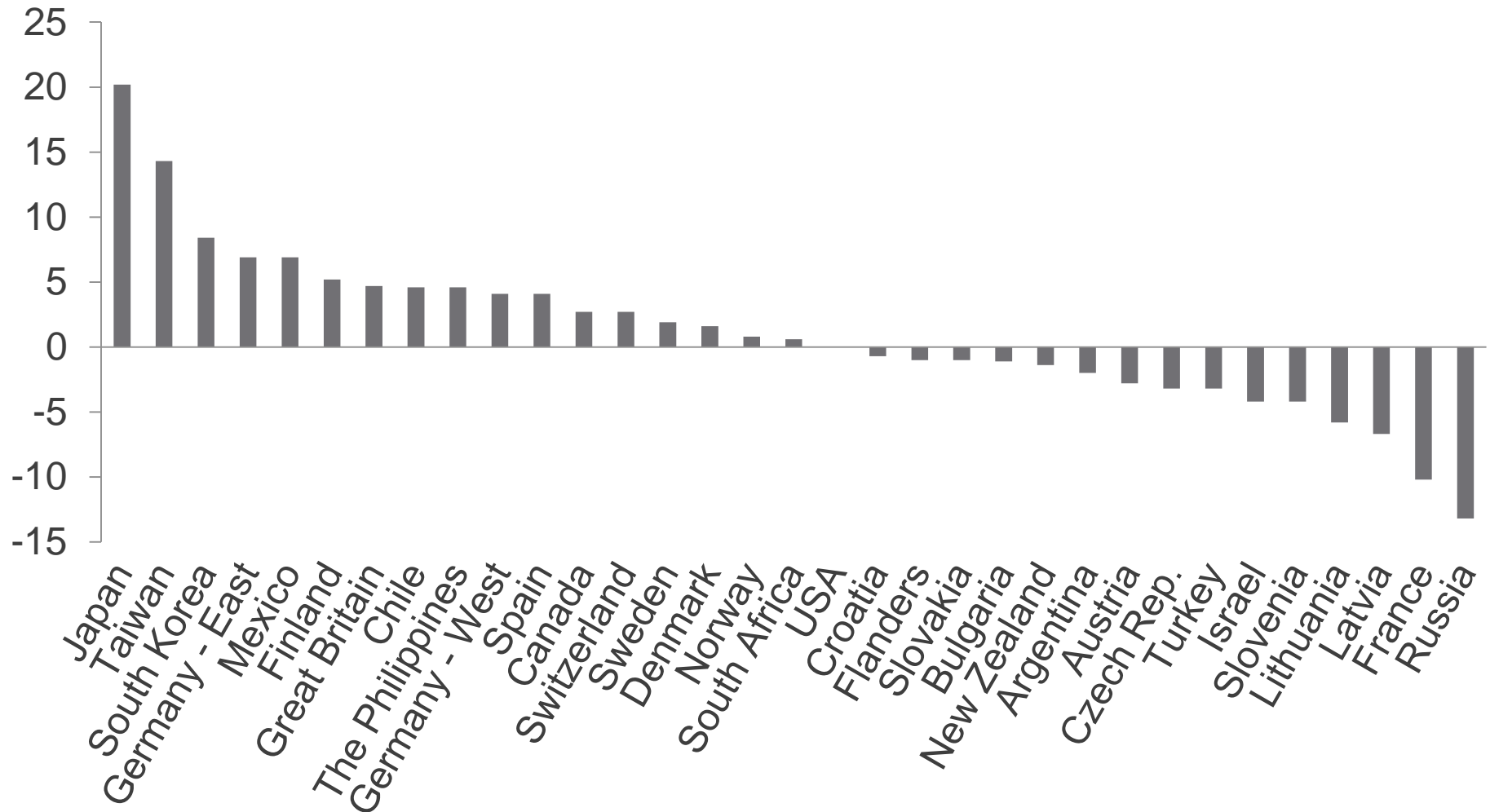


Dangerousness of Climate Change (2010)

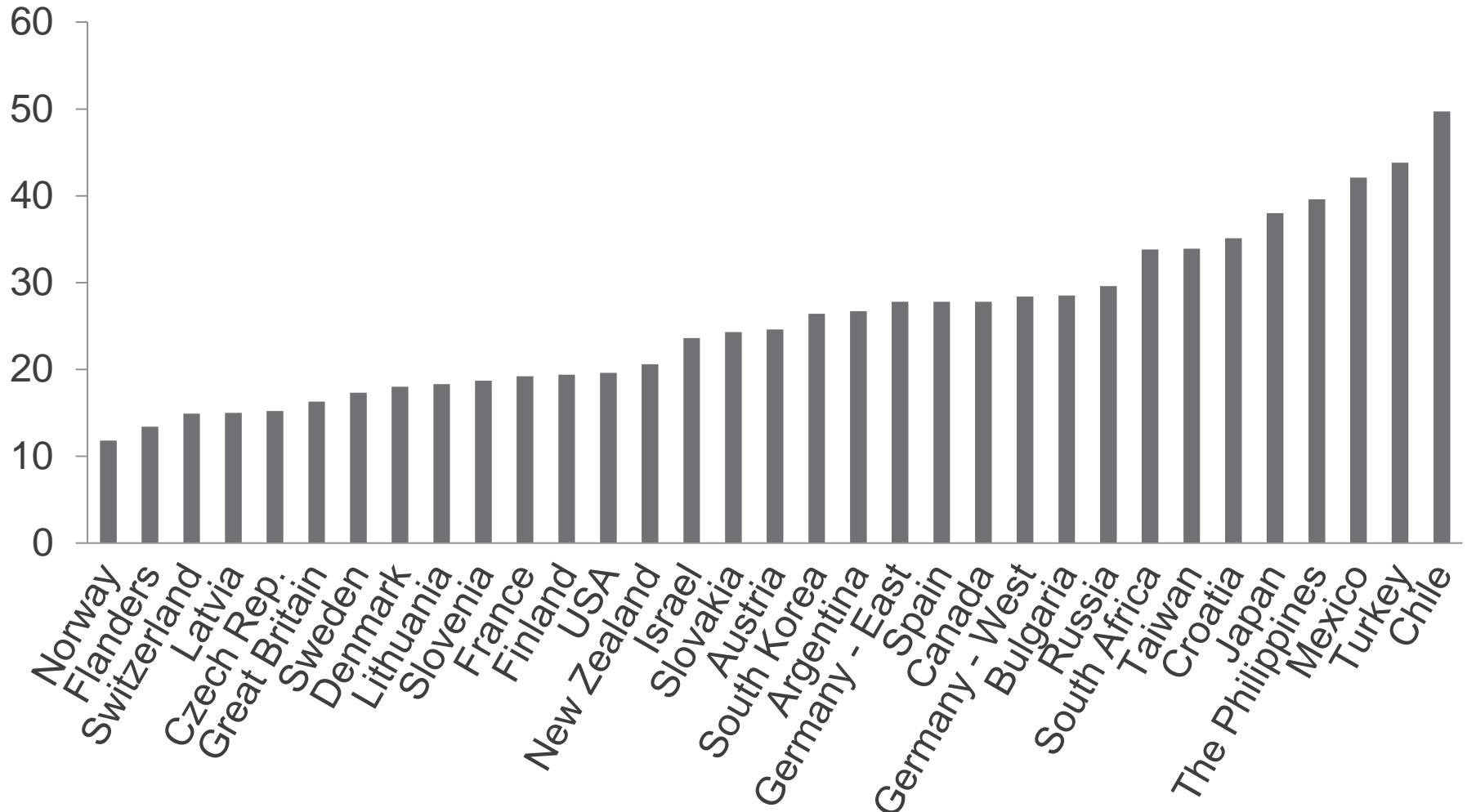
Dangerousness of Climate Change (2010)

Country	Climate Change Extremely Dangerous - Average on Other 6 Environmental Problems	Rank Among 7 Environmental Problems	% Climate Change Extremely Dangerous
Japan	+20.2	1	38.0
Taiwan	+14.3	2	33.9
South Korea	+8.4	1	26.4
Germany - East	+6.9	3	27.8
Mexico	+6.9	2	42.1
Finland	+5.2	2	19.4
Great Britain	+4.7	1	16.3
Chile	+4.6	2	49.7
The Philippines	+4.6	4	39.6
Germany - West	+4.1	3	28.4
Spain	+4.1	3	27.8
Canada	+2.7	3	27.8
Switzerland	+2.7	2	14.9
Sweden	+1.9	3	17.3
Denmark	+1.6	3	18.0
Norway	+0.8	2	11.8
South Africa	+0.6	5	33.8
USA	0.0	4	19.6
Croatia	-0.7	5	35.1
Flanders	-1.0	5	13.4
Slovakia	-1.0	4.5	24.3
Bulgaria	-1.1	5	28.5
New Zealand	-1.4	3.5	20.6
Argentina	-2.0	5	26.7
Austria	-2.8	3	24.6
Czech Rep.	-3.2	4	15.2
Turkey	-3.2	5	43.8
Israel	-4.2	4	23.6
Slovenia	-4.2	6	18.7
Lithuania	-5.8	6	18.3
Latvia	-6.7	6	15.0
France	-10.2	6	19.2
Russia	-13.2	7	29.6

Climate Change Extremely Dangerous – Average on Other 6 Environmental Problems (2010)



% Climate Change Extremely Dangerous (2010)



Trends in Saying Global Warming/Climate Change is Extremely Dangerous (1993–2010)

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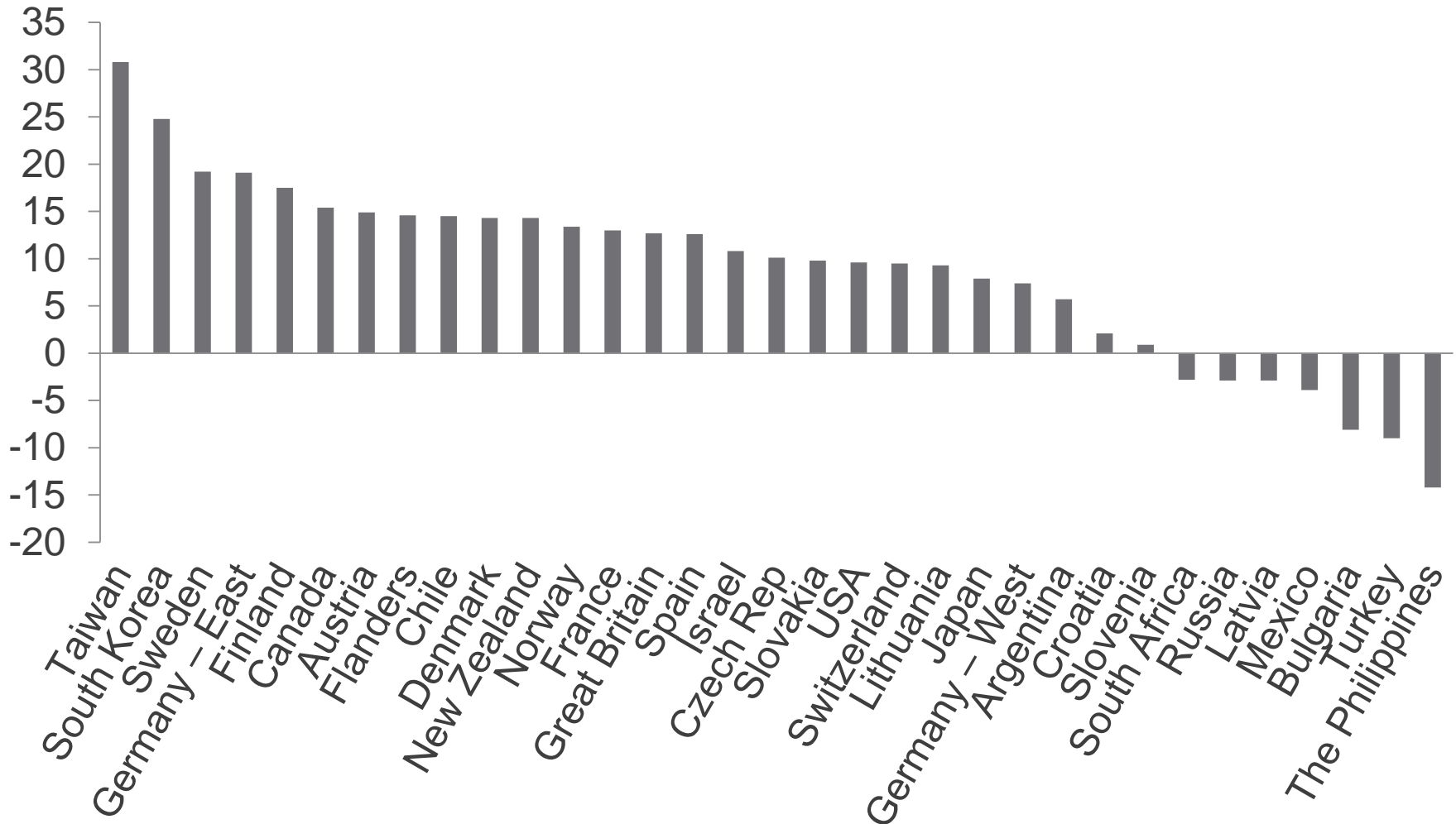
Country	1993	2000	2010
Bulgaria	23.9	19.0	28.5
Canada	24.1	24.3	27.8
Czech Rep	24.1	25.2	15.2
Germany – East	39.4	40.6	27.8
Germany – West	38.2	27.2	28.4
Great Britain	24.5	22.7	16.3
Israel	17.3	25.4	24.5
Japan	22.2	29.2	38.0
New Zealand	24.9	27.7	20.6
Norway	16.4	11.6	11.8
The Philippines	18.0	43.9	39.6
Russia	18.9	17.5	29.6
Slovenia	26.2	24.4	18.7
Spain	12.7	24.1	27.8
USA	16.9	15.8	19.6
Ireland	25.0	17.4	---
The Netherlands	8.3	8.6	---
Austria	---	26.7	24.6
Chile	---	34.3	49.7
Denmark	---	15.8	18.0
Finland	---	12.5	19.4
Latvia	---	20.1	15.0
Mexico	---	24.6	42.1
Sweden	---	13.6	17.3
Switzerland	---	32.4	14.9

Age/Cohort Difference on Danger of Climate Change (2010)

Age/Cohort Difference on Danger of Climate Change (2010)

Country	% for Those Less than 30 - % for Those 70+
Taiwan	+ 30.8
South Korea	+ 24.8
Sweden	+ 19.2
Germany – East	+ 19.1
Finland	+ 17.5
Canada	+ 15.4
Austria	+ 14.9
Flanders	+ 14.6
Chile	+ 14.5
Denmark	+ 14.3
New Zealand	+ 14.3
Norway	+ 13.4
France	+ 13.0
Great Britain	+ 12.7
Spain	+ 12.6
Israel	+ 10.8
Czech Rep	+ 10.1
Slovakia	+ 9.8
USA	+ 9.6
Switzerland	+ 9.5
Lithuania	+ 9.3
Japan	+ 7.9
Germany – West	+ 7.4
Argentina	+ 5.7
Croatia	+ 2.1
Slovenia	+ 0.9
South Africa	- 2.8
Russia	- 2.9
Latvia	- 2.9
Mexico	- 3.9
Bulgaria	- 8.1
Turkey	- 9.0
The Philippines	- 14.2

% Extremely Dangerous: % for Those Less than 30 - % for Those 70 + (2010)



The International Social Survey Program (ISSP)

- The International Social Survey Program (ISSP) is a collaboration of social science research institutes around the world.
- It was founded in 1984 by NORC at the University of Chicago in the United States, the National Centre for Social Research in Great Britain, GESIS (then ZUMA) in Germany, and the Australian National University in Australia. It has grown to cover 49 countries.
- From 1985 onwards, the ISSP has conducted an annual round of surveys on a rotating series of topics.
- All ISSP surveys are national representative, probability samples of adults in their respective countries.
- More information on the ISSP and its surveys can be found at www.issp.org

Question Wordings

- Which of these issues is the most important for [COUNTRY] today?
- Health care/Education/Crime/The environment/Immigration/The economy/Terrorism/Poverty/None of these/Can't Choose
- Here is a list of some different environmental problems.
- Which problem, if any, do you think is most important for [COUNTRY]?
- Which problem, if any, affects you and your family the most?
- Air pollution/Chemicals and pesticides/Water shortage/Nuclear waste
- Domestic waste disposal/Climate Change/Genetically modified foods/
- Using up natural resources/None of these/Can't Choose
- In general, do you think that a rise in the world's temperature caused by the greenhouse effect/climate change is extremely dangerous for the environment, very dangerous, somewhat dangerous, not very dangerous, or not dangerous at all for the environment?
- "The greenhouse effect" used in 1993 and 2000 and "climate change" used in 2010.
- Other environmental issues rated on same dangerousness scale were air pollution caused by cars/air pollution caused by industry/pesticides and chemicals used in farming/pollution of COUNTRY's rivers lakes, and streams/modifying the genes in certain crops/nuclear power stations