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Statistics Canada
www.statcan.gc.ca



Oslo Group on Energy Statistics

**Session on International Energy Statistics
EIA Conference 2013
Washington, DC
June 17-18, 2013**



What is the Oslo Group (OG)?

- A committee of international experts on energy statistics
- Established by the United Nations Statistical Commission (UNSC)
 - First meeting took place in 2006
- Membership:
 - 30+ countries
 - 5 international organizations (UNSD, IEA, Eurostat, IAEA, IMF)



What is the Mandate of the OG?

- To promote and support the development, collection and dissemination of quality, comparable, timely energy statistics on a global basis
- Why is this important?
 - Market transparency and stability
 - Emergency preparedness
 - Research, planning, policy-development



How does the OG work?

- Annual face-to-face meetings
- Virtual meetings, other exchanges
- Info posted on site: <http://og.ssb.no>
- Different countries take the lead on particular themes
- Variety of activities and outputs, such as...



International Recommendations for Energy Statistics (IRES)

- Objectives:
 - To provide a common, flexible framework for the compilation, analysis and dissemination of energy data
 - To support the development of energy statistics programs to provide relevant, timely, reliable, comparable data
- Adopted by UNSC in 2011



Content of the IRES

- Scope of energy statistics
- Concepts and definitions
- International standard classifications
- Measurement units and conversion factors
- Energy flows
- Data sources, collection and compilation
- Quality assurance and meta data
- Data dissemination



Energy Statistics Compilers Manual

- Objective of the ESCM:
 - To provide practical guidance for the implementation of the IRES
 - To include examples of country best practices
- Target audience: all institutions involved in the collection, compilation and dissemination of energy data, regardless of level of development
- Process: countries lead by theme
- Timeframe: to be completed by spring 2014



Content of the ESCM

- Legal foundations and institutional arrangements
- Classifications
- Data sources, collection, compilation
- Compilation of energy balances
- Compilation of energy accounts
- Energy indicators and GHG emissions
- Data quality and meta data
- Data dissemination, confidentiality, revisions



Other Activities and Outputs of OG

- Share country best practices
- Maintain Oslo site: <http://og.ssb.no>
- Create an international network of contacts
- Liaise with other international groups
 - Intersecretariat Working Group on Energy Statistics (InterEnerStat)
 - London Group on environmental accounting



OG Work with United Nations

- OG supports the work program of the UN Statistics Division (UNSD):
 - Cooperate in the development of standards
 - Support UN regional workshops
 - Develop training materials
 - Provide expertise
- OG work is recognized and guided through periodical reviews by the UN Statistical Commission



For further information...

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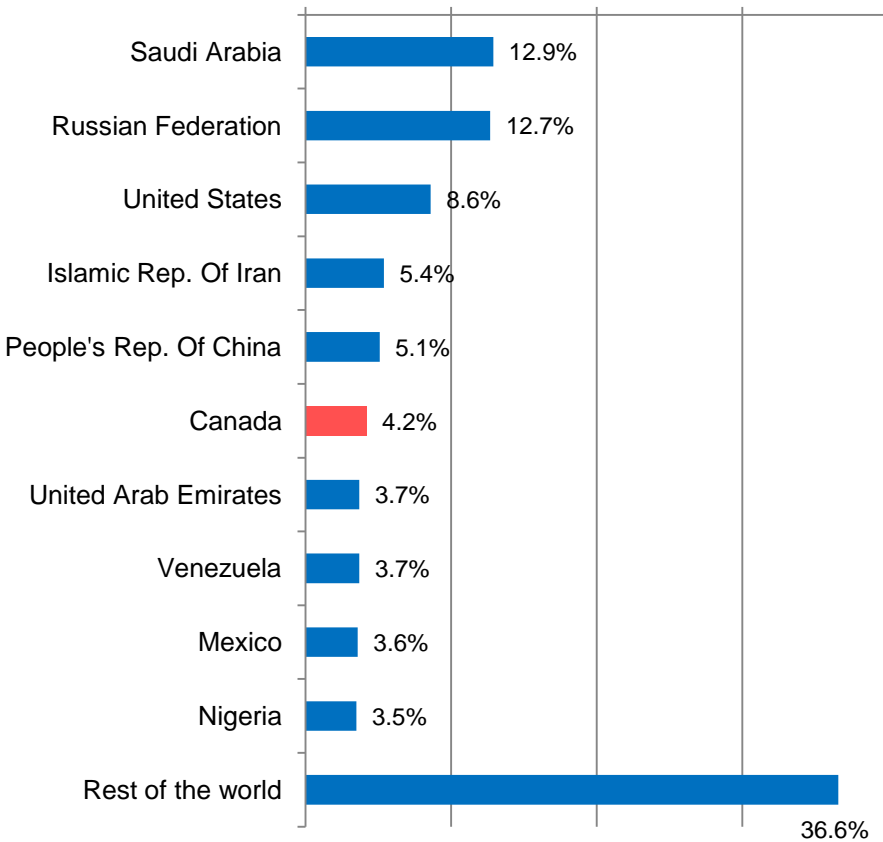
International Data: Canadian Example

- Why is international data important for Canada?
- How these data provide a context for understanding our place in the global community
- What are some of the issues & challenges that can be seen through international data?

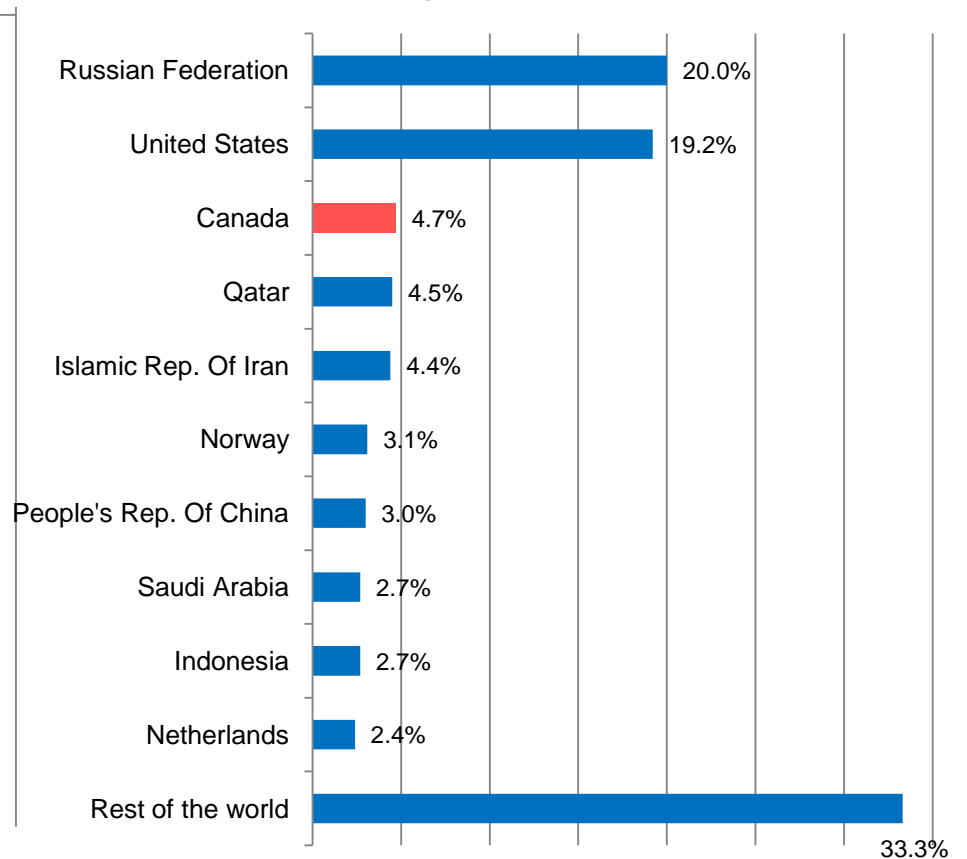


Canada is a major energy producer

Crude oil production 2011



Natural gas production 2011

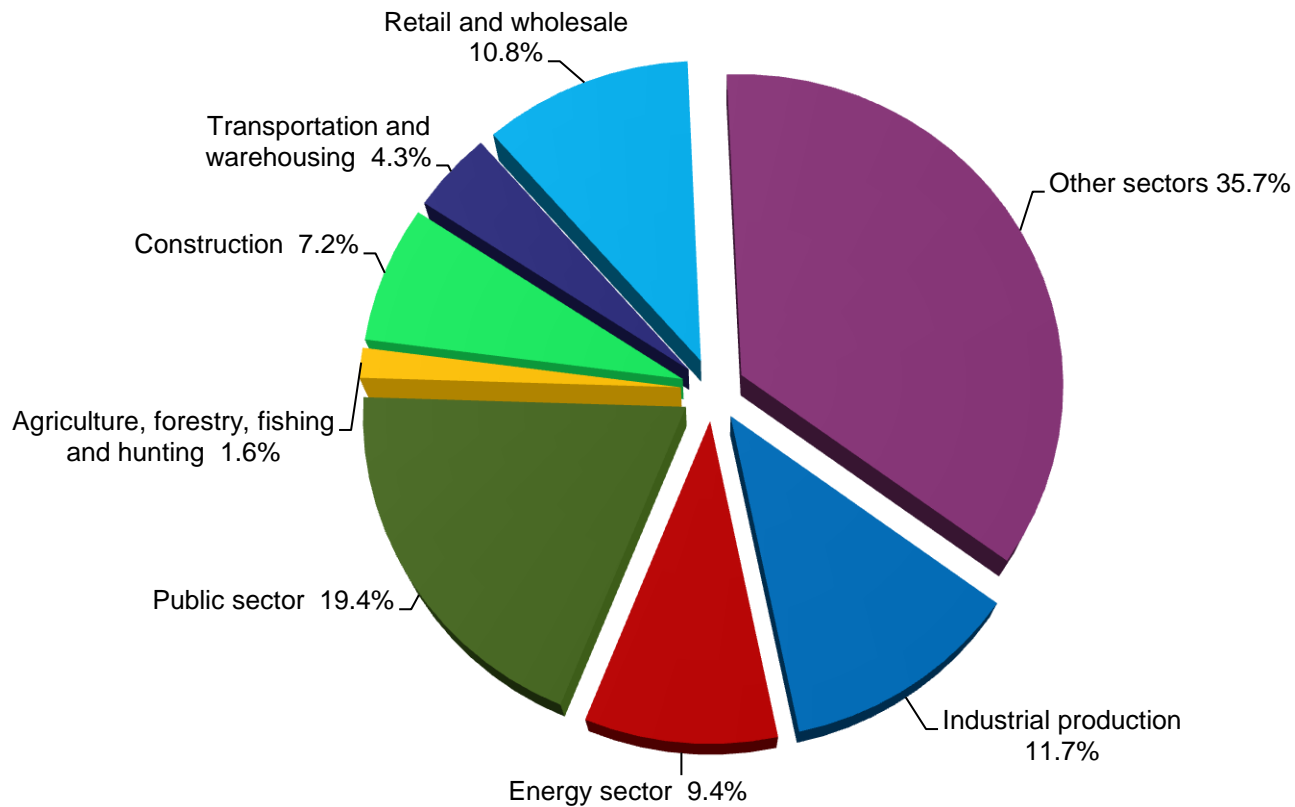


Source: International Energy Agency.



The energy sector is important to Canada's economy

Gross domestic product by economic sector, 2012

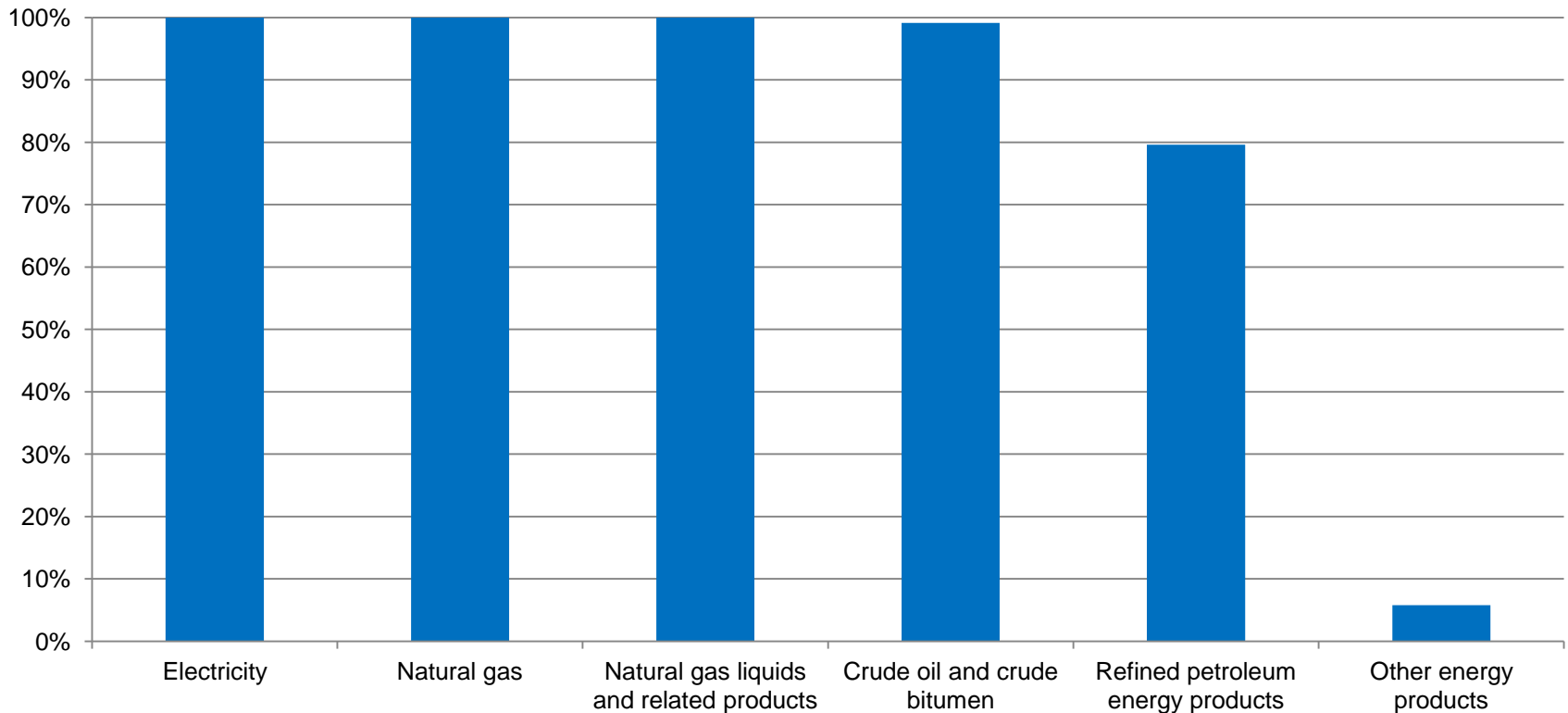


Source: Statistics Canada, CANSIM table 379-0031.



But Canada operates in a North American energy market

Canadian energy exports to the U.S. Market, 2012



Source: Statistics Canada, International Trade.



Is Canada at risk?

- Over-reliance on a single market?
- Need to diversify to other markets (e.g. Asia?)
- Access to markets – infrastructure not in place?
- Energy and the environment?