



**ITU-UNESCAP-APT Capacity Building Workshop
Information Society Statistics: Core ICT Indicators
Bangkok, 6-8 November 2007**

ICT sector and ICT trade: Trends and surveys

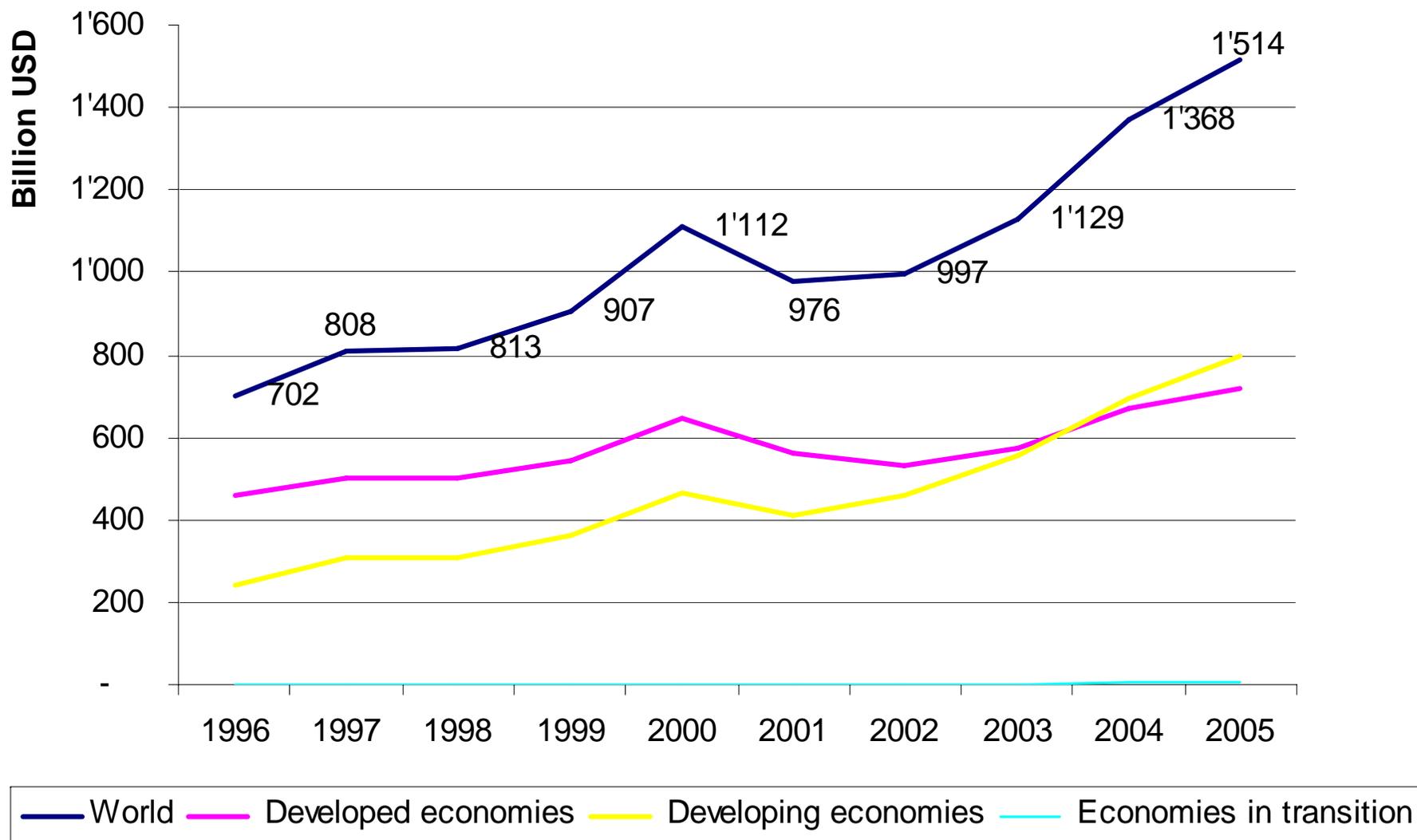
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This presentation

- Recent trends in ICT trade
- ICT sector surveys – challenges
- UNCTAD questionnaire on the ICT sector



Exports of ICT goods 1996-2005

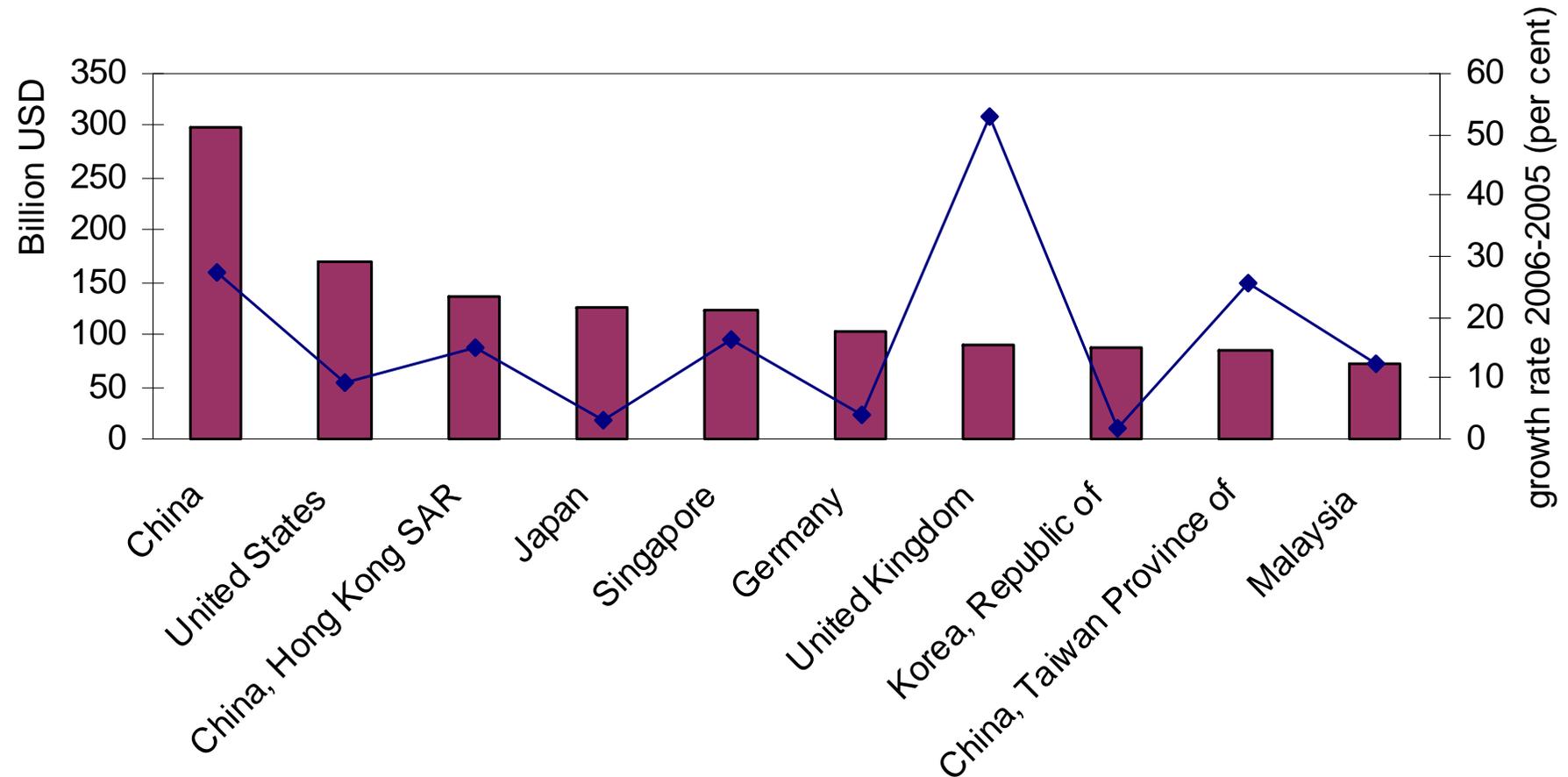


Source: UN Comtrade



Top 10 exporters of ICT goods (2006)

World top ten exporters of ICT goods

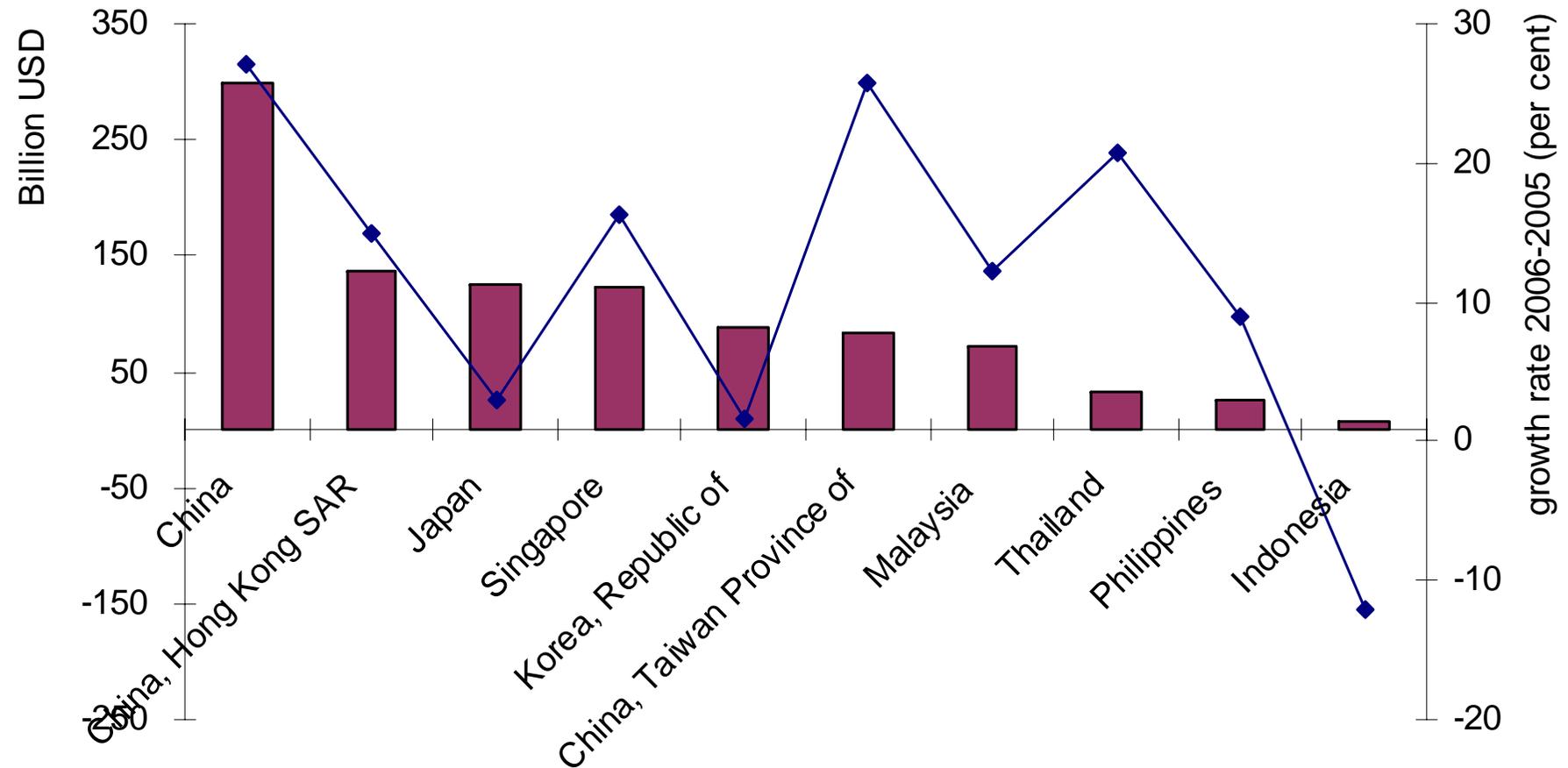


Source: UNCTAD, based on COMTRADE



Top 10 exporters of ICT goods (2006)

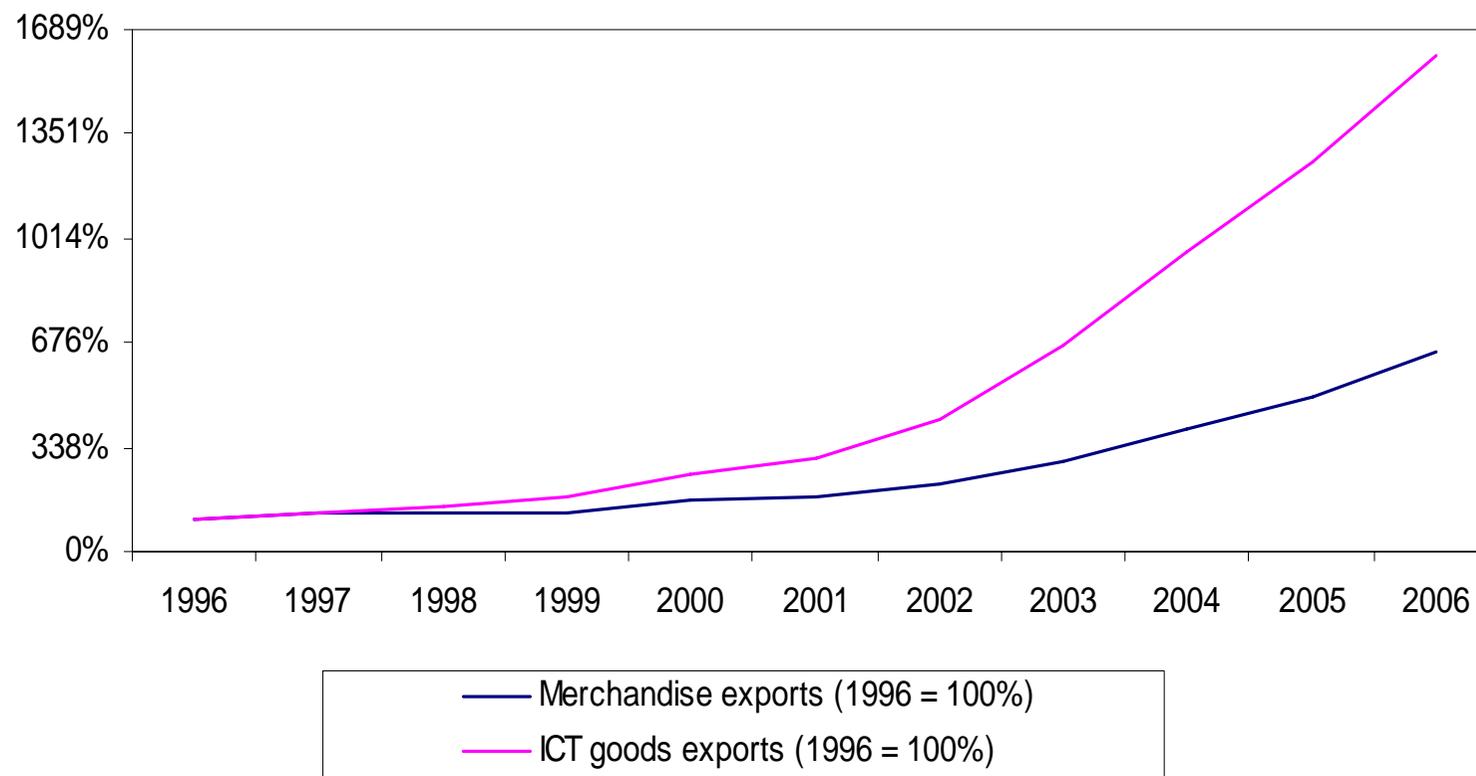
Top ten Asian exporters of ICT goods



Source: UNCTAD, based on COMTRADE



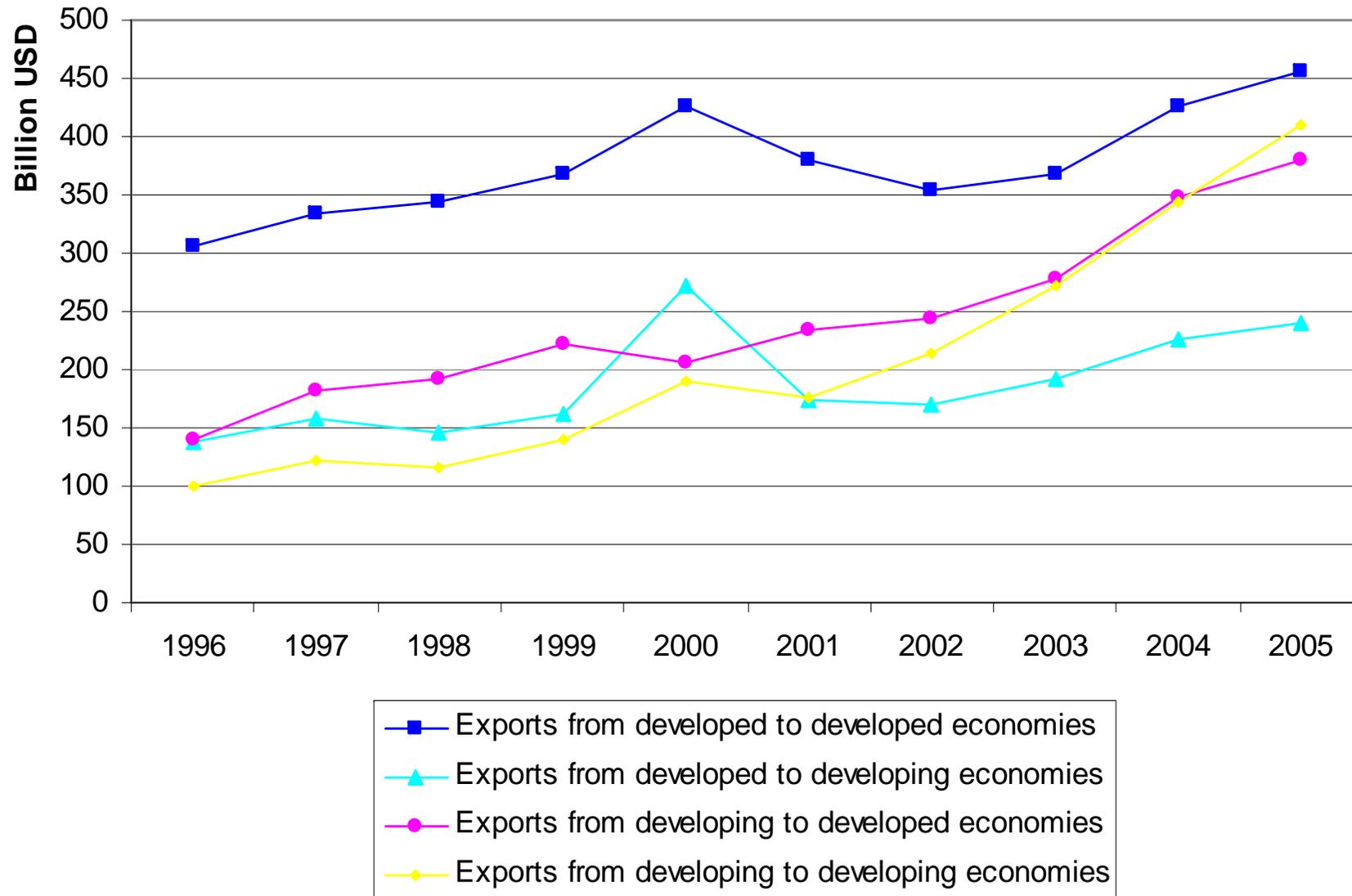
ICT goods exports - China



Source: UNCTAD 2007, based on UN Comtrade



Trade in ICT goods: the emerging South



Source: UNCTAD 2007, based on UN Comtrade



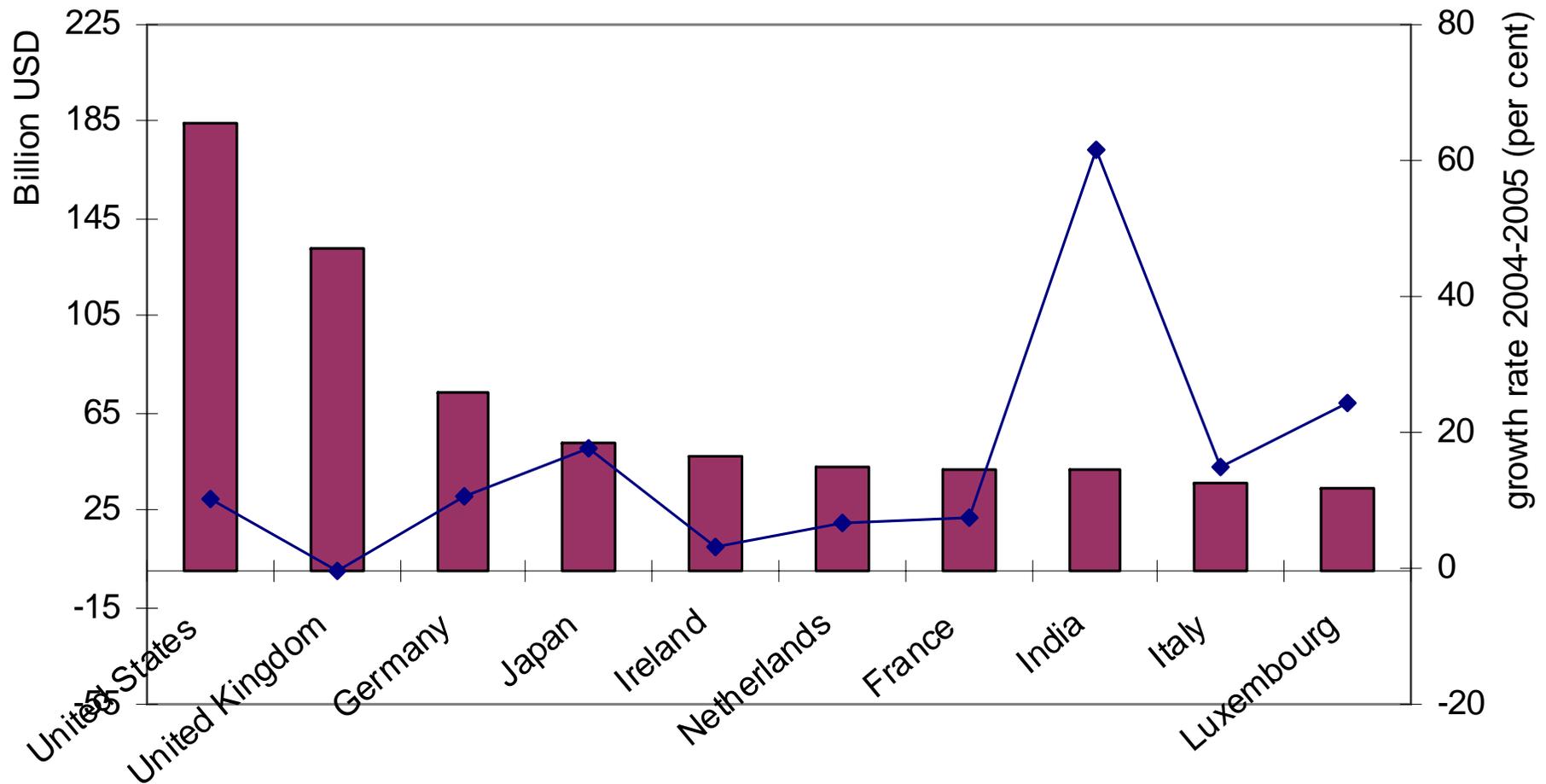
Trade in ICT goods: the emerging South

<i>Exports from</i>	<i>2005 value of ICT goods exports (million USD)</i>	<i>CAGR (%) 2000-2005</i>	<i>CAGR (%) 2000-2003</i>	<i>CAGR (%) 2003-2005</i>	<i>Share (%) of world exports of ICT goods in 2005</i>
Developed to developed economies	455'118	1.3	-2.9	11.1	30.1
Developed to developing economies	239'541	-2.5	-6.8	11.8	15.8
Developed to transition economies	20'300	70.7	52.3	33.0	1.3
Developing to developed economies	379'856	13.0	6.2	16.7	25.1
Developing to developing economies	410'554	16.8	7.5	23.0	27.1
Developing to transition economies	4'291	70.6	52.4	32.6	0.3
Transition to developed economies	1'710	-22.5	-23.2	2.5	0.1
Transition to developing economies	889	0.8	-1.6	6.3	0.1
Transition to transition economies	716	13.6	7.8	14.2	0.0

Source: UNCTAD 2007, based on UN Comtrade



Top ten exporters of ICT-enabled services

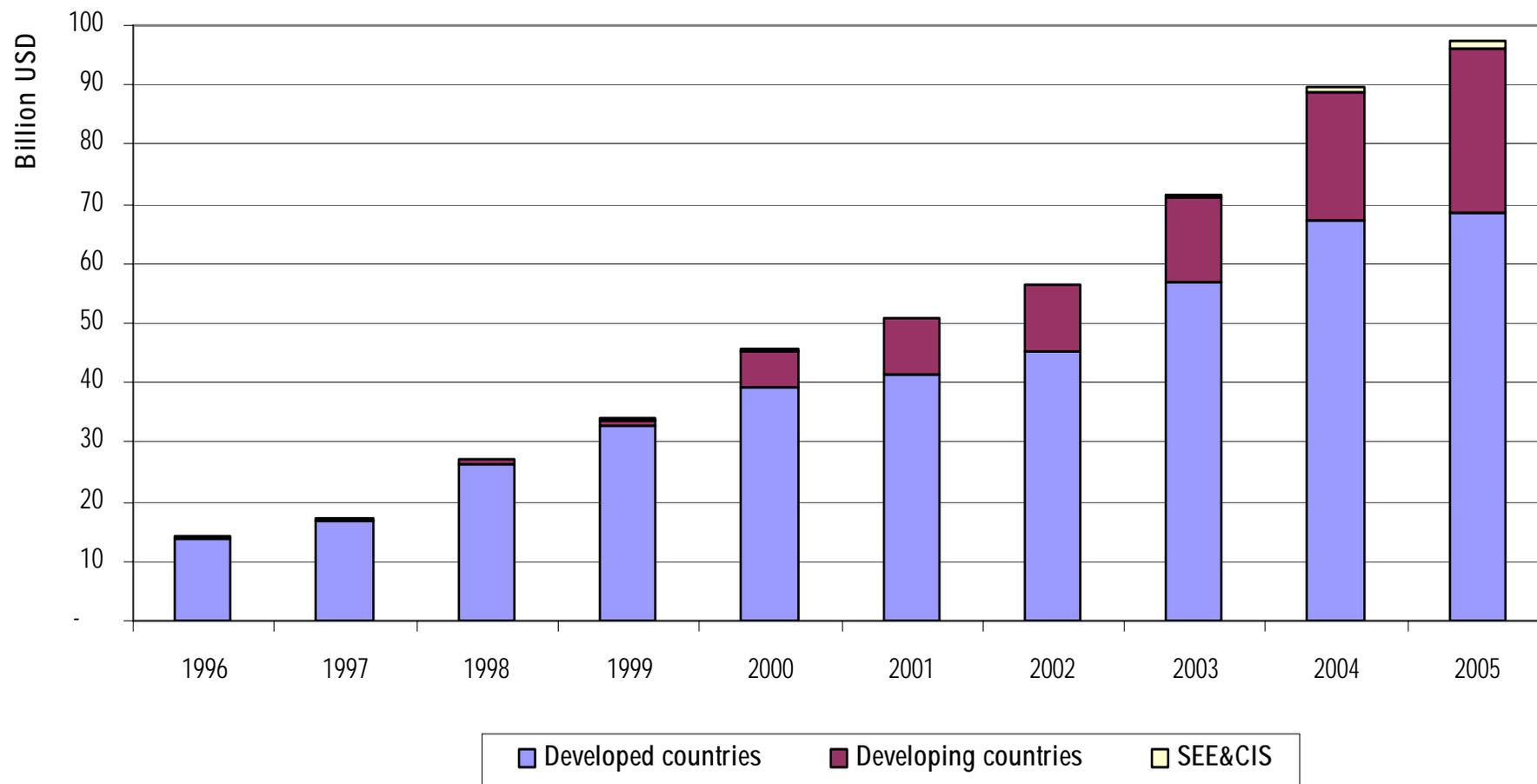


Source: UNCTAD 2007, based on IMF BOP



Export of computer and information services

Share of developing countries rising



Source: UNCTAD, based on IMF BOP



Why surveying the ICT sector?

- Contribution to economic development and growth (value added, employment)
- Contribution to ICT uptake (providing ICT products and services)
- Exports/imports of ICT goods and services
- New dynamic sectors: BPO, call/contact centers

Why surveying the ICT sector?

- Above-average growth rates: output, value added contribution, employment creation, foreign investment (FDI/M&A), trade
- Increase in developing countries – shifts from developed to developing countries (production, trade, FDI)

Case study: Egypt – collaboration UNCTAD MCIT

Survey of ICT companies 2007

UNCTAD

- Classifications
- Questionnaire design
- Identification of variables and outcome indicators
- Data analysis and dissemination (IER)

Egypt MCIT

- Identification of companies
- Sampling frame
- Classification
- Pilot testing
- Data collection, editing, dissemination



UNCTAD questionnaire – selected outcome indicators

- Gross value added of the ICT sector
- ICT sector workforce (total, share, composition)
- Product portfolio
- Growth in terms of revenue
- Value of total exports/imports
- Share of outsourcing contracts
- ICT usage



ICT sector survey – main challenges

- Need to capture the entire domestic market – sampling frame?
- Definitions and classifications - internationally comparable results?
- Questionnaire design and pilot testing – feasible? policy relevance?
- Data production and analysis – quality of data?





ICT and E-Business Branch

UNCTAD – United Nations Conference on Trade and Development

Thank you



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