



OECD Patent Statistics

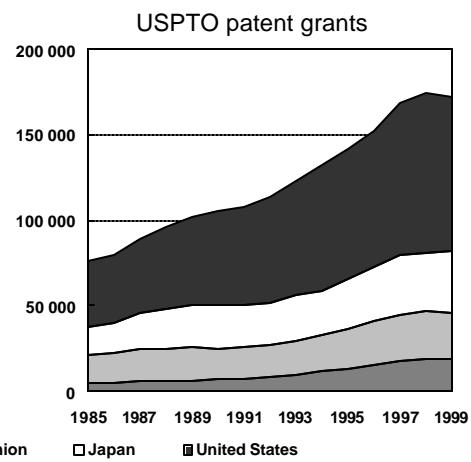
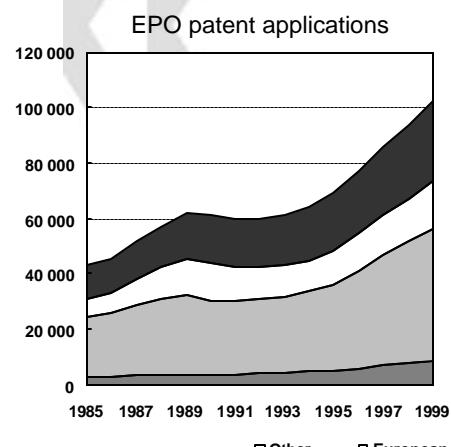
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WIPO – OECD WORKSHOP ON STATISTICS IN THE PATENT FIELD
Geneva, September 18 and 19, 2003

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**...IPR related issues attracting great deal of
interest & surge in world-wide patent
activities**



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Data availability and limitations

Data sources

- Primary Source
 - National and regional patent office
 - International organisation
- Secondary Source
 - Commercial data provider
 - National and international public institutes

Limitations

- Difficult to access standardised data for statistical purpose
- Limited metadata / methodological weakness

Patent statistics activities at the OECD

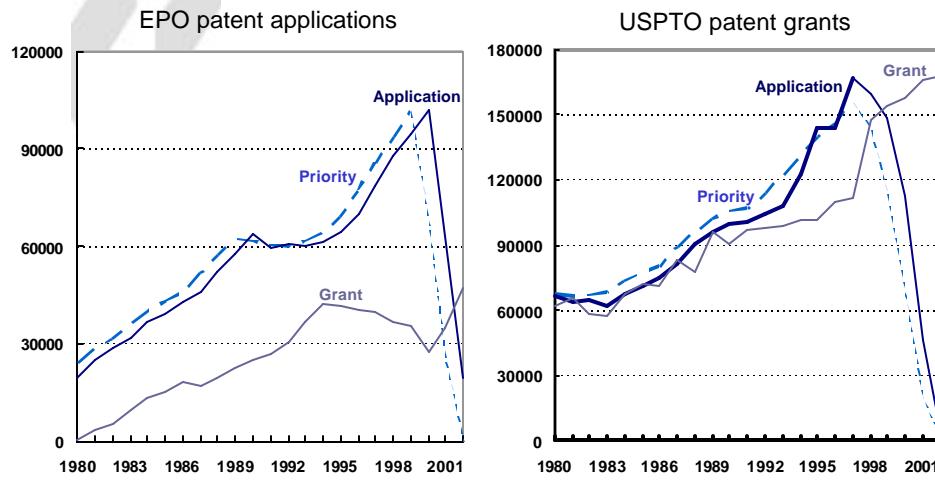
- Complementary to existing efforts
- International statistical infrastructure
- Taskforce - EPO, JPO, USPTO, WIPO, EC, NSF & OECD
- Database
 - EPO, USPTO, Patent families
 - National offices (e.g. JPO), citations, PCT (on going work)
 - Firm level data (on going)
- Methodology
 - Counting procedure, families, technology, industry, citations, firm level data

Understanding patent indicators

- Wide-ranging indicators: conflicting / misleading messages
- Understanding patent indicators and what they reflect
 - Designing indicators to measure a particular phenomena
- Methodological choice for calculating indicators
 - Geographical distribution
 - Reference date
 - Multiple inventors

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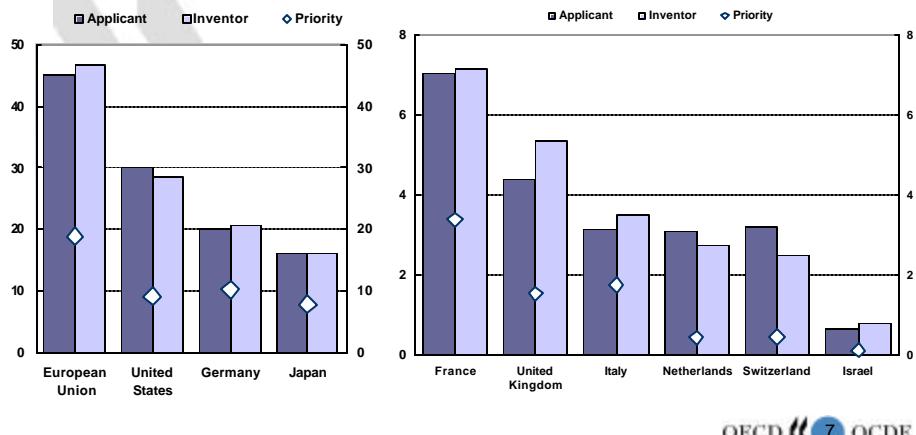
Impact of methodological choice: reference date



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Impact of methodological choice: reference country

Country shares in EPO applications, 1998



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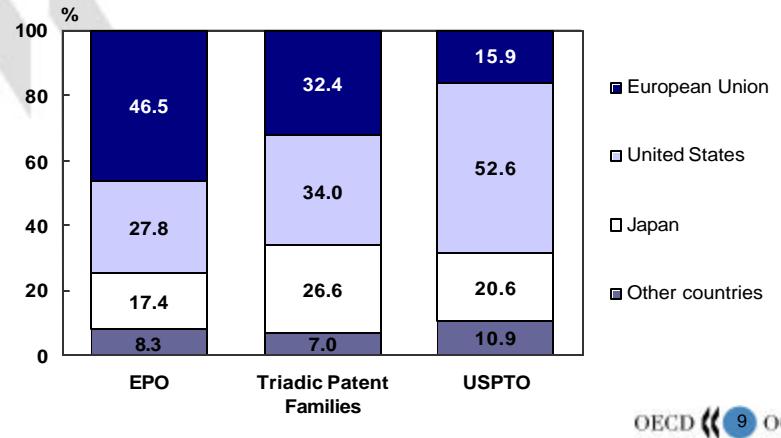
OECD patent indicators

- Focus on inventive performance, diffusion, etc.
- Priority date / inventor country
- Priority date => time lag
- International comparison (e.g. families)
- ...but indicators based on other criteria are available

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Triadic patent families

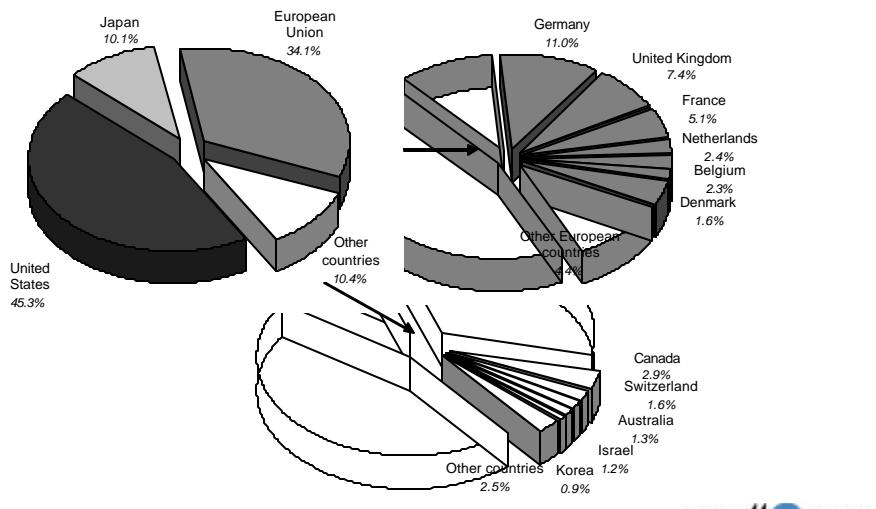
Patent applications to the EPO / Patent grants at the USPTO
 Triadic Patent Families
 OECD country shares, priority in 1999



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Technology areas

Share of countries in Biotechnology patents - EPO, 1999



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Dissemination

- Improve accessibility of data / metadata
- Current OECD practice
 - Various OECD publications (e.g. Compendium)
 - CD-ROM for the TF members, test users, on request
- Online access
 - www.oecd.org/sti/measuring-scitech
 - EPO / USPTO / Triadic patent families
 - Covers more than 100 countries
 - Reference date (application / priority / grant)
 - Reference country (inventor / applicant)
 - IPC / US patent class
 - International co-operation

Future plan

- National patent office data
- PCT database
- Firm level data
- Citations
- Further methodological work
- Improve dissemination of data