



Expanding University Research/ Education Market in Japan

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Direction of University Reforms

Competitive Environment

Autonomy and Transparency

Interaction with Society/Business

- 1. Incorporation of National Universities**
- 2. Industry-Academia Cooperation**
- 3. Professional Graduate Schools**
- 4. Graduate Law Schools**
- 5. COE Program and GP (Good Practice)**

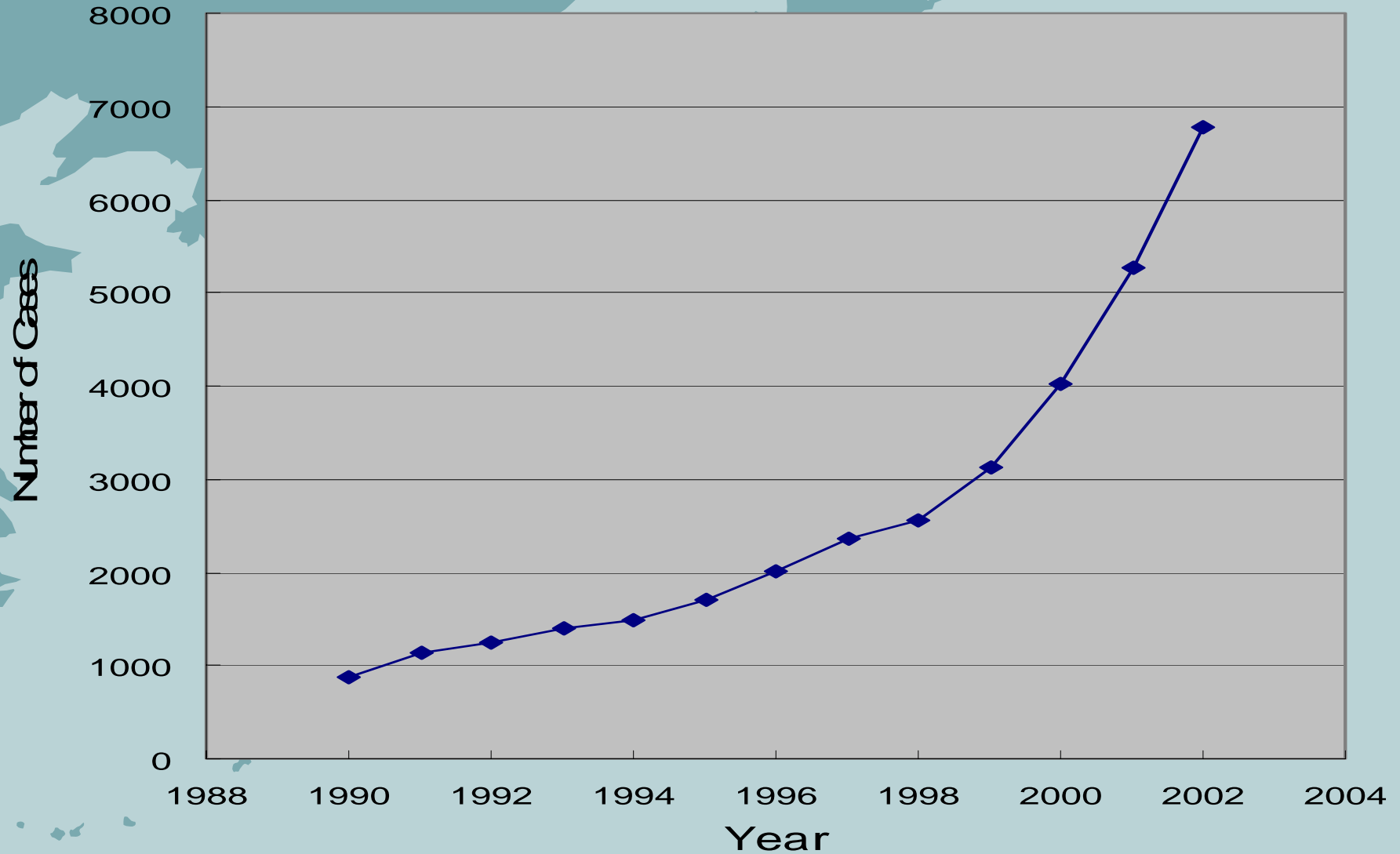
**2003 White Paper on Education, Culture, Sports, S&T:
www.mext.go.jp/english/news/2004/05/04052401.htm**

Incorporation of National University

National Universities Incorporated in 4/1/2004

- **Independent Corporate Status**
 - Patents, etc. attributable to universities
- **Private Sector-type Management**
 - Promotion/utilization of research results
- **Non-Public Servant type Personnel System**
 - Researchers with more than one job

National University - Private Sector Cooperative Research



National vs. Private Universities

	National	Private
Universities	99 (87)	478
Students	580,000	1,880,000
Faculty	60,000	79,000
Land per univ.	134,344m ²	3,264m ²
Representative	Tokyo U. Kyoto U. Osaka U.	Keio U. Waseda U. Nihon U.

Tech Transfer/Venture Business

- **Private Universities**

- Patent Policy (Tokai, Ritsumaikan)

- Venture Policy (Waseda, Keio)

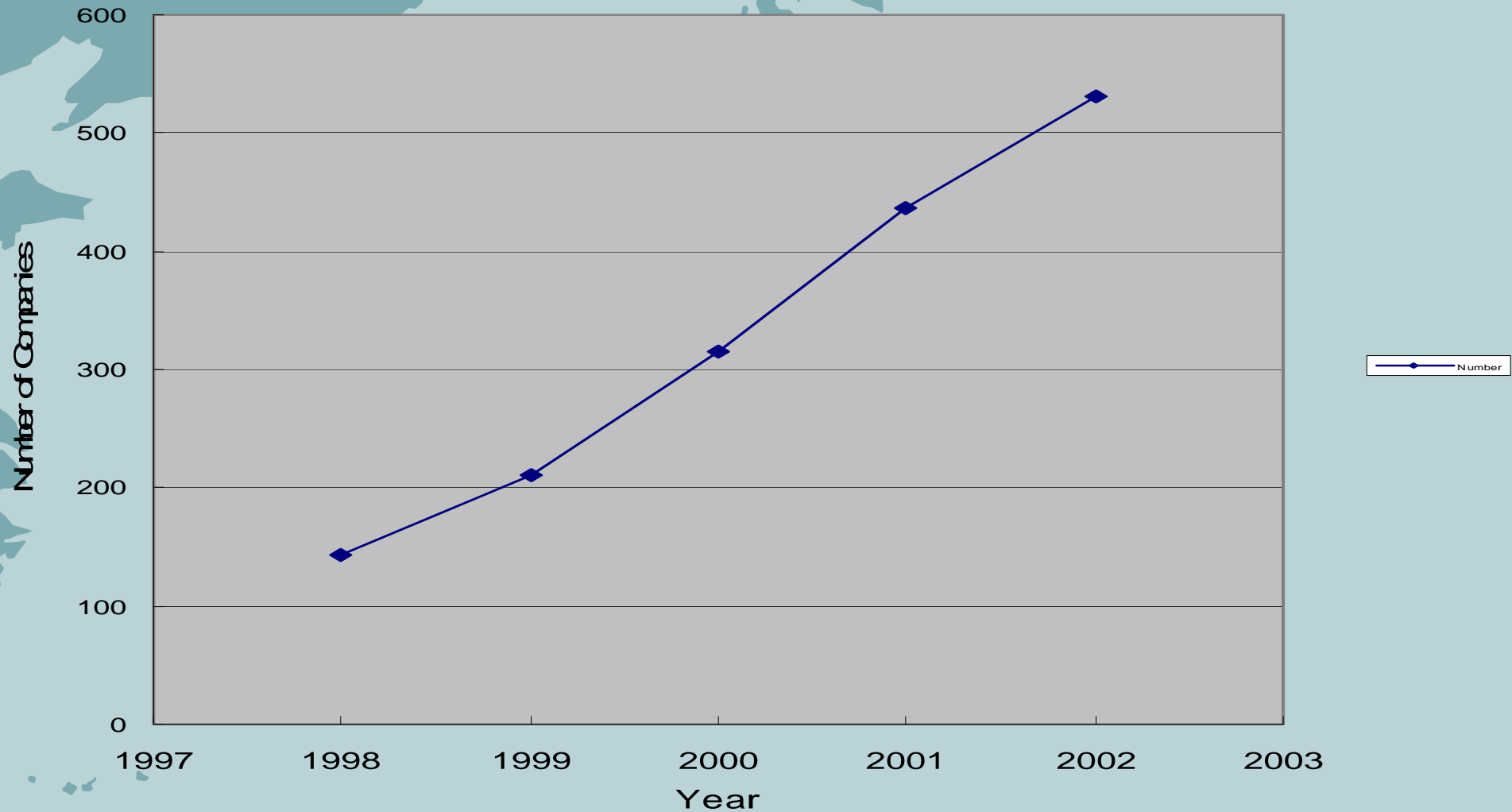
- TLO (Technology Licensing Office)

- **National Universities**

- Intellectual Property Mgmt Headquarters

- TLO and JST (www.jst.go.jp/EN/)

Number of University-based Venture Companies



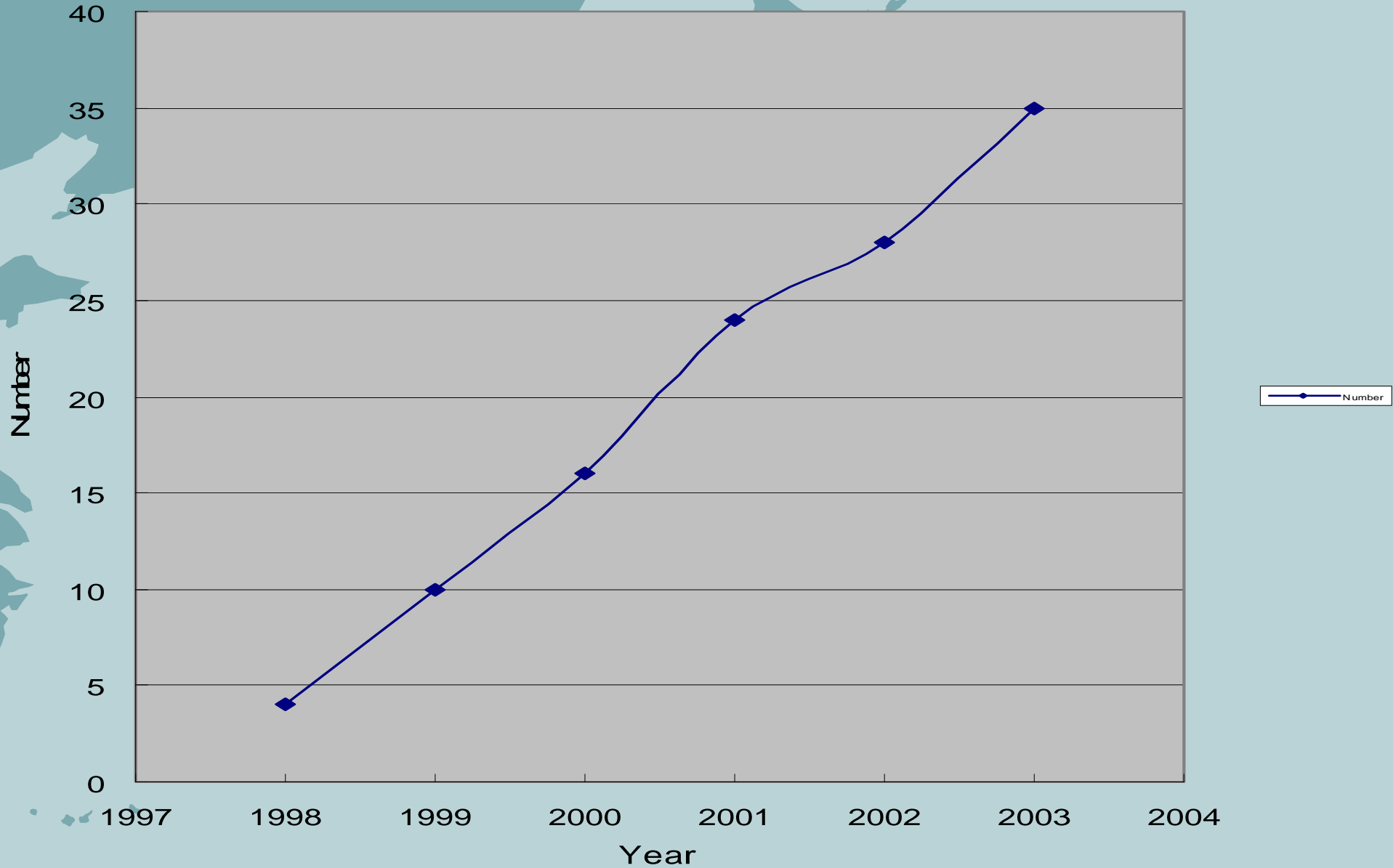
University-Based Venture Business

University Number of Venture Business

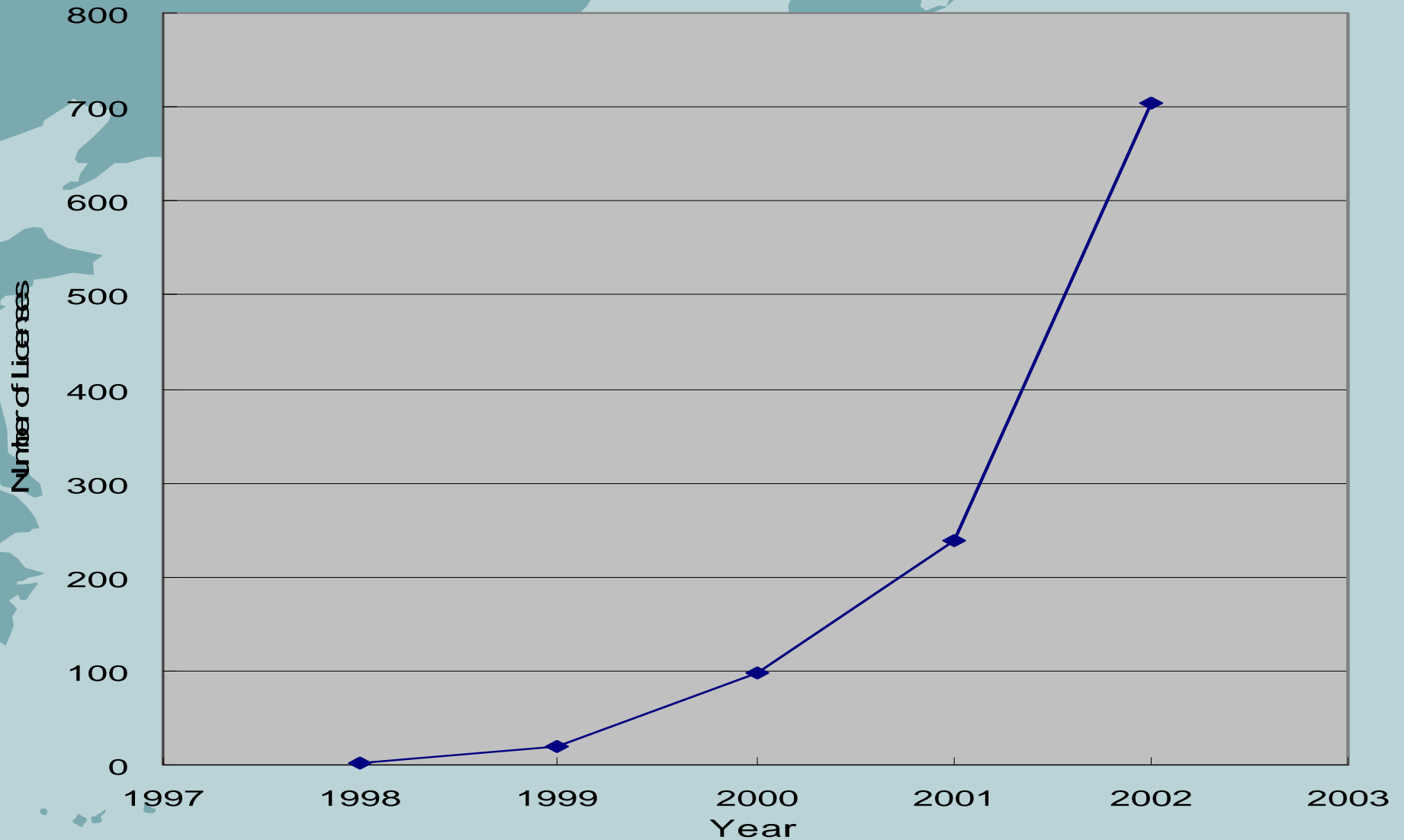
1. Keio	34
2. Waseda	33
3. Ryukoku	21
4. Tokyo	13
4. Tsukuba	13
6. T.I.T.	12
7. Osaka	12
8. Nihon	12

(as of Oct. 2002)

Number of TLOs



Number of TLO -approved Licenses



Active Private University TLOs

TLO:	Tech Transfer # of cases	Patent Application Total (overseas)
1. Keio U.	57	440 (124)
2. Nihon U.	48	1,865 (1,471)
3. Waseda U.	38	439 (137)
4. Meiji U.	8	58 (0)

(Cumulative number as of March 2003)

News on Venture and TLO

- **6/29 Nikkei Newspaper**
“Revival of Venture Capital Investment”
FY 2003 total ¥168 billion (12% up)
(University-based: ¥8.5 billion, 64% up)
- **6/21 Nikkei Newspaper**
“METI to Support 7 Super TLOs”
Creating TLO HR Training Centers
(Tokyo U TLO, Nihon U TLO, Kansai TLO, etc.)

Professional Graduate Schools

Training Professional with Specialized Skills
Granting Professional Degrees

(as of FY 2003)

- **National Univ. 5 schools (226 students)**

Hitotsubashi U. Business Admin/Finance (85)

Kobe U. Modern Business Admin (54)

Kyoto U. Social Health (22)

- **Private Univ. 5 schools (428 students)**

Waseda U. Int'l Management (150)

Chuo U. Int'l Accounting (100)

Aoyama Gakuin U. Int'l Management (100)

Graduate Law Schools

Training Legal Professionals

Starting in April 2004 ---- 68 schools

- 3 year program ----- 3,417 admitted
- 2 year program for law degree holders
----- 2,350 admitted

66% law degree & 48% work experience

New Bar Exam (1,300) to Start in 2006

- Old Bar Exam (1,500) to continue until 2010

COE Program and Good Practice

- **COE Program --- 56 univ. (133 projects)**

Independent Committee to select/support

“Centers of Excellence” with ¥100-500 million per project per year for 5 years

- **GP (Good Practice) --- 88 projects**

“Distinctive Education Support Program”

Independent Committee to select/support good education practice at universities

with total budget of ¥1.3 billion

MOT (Management of Technology)

- U.S. Origin in 1980s
- Japan's Turn for Economic Revitalization
Training in Technology and Management
Corporate Technology (IPR) Strategy

More than 70 schools/companies to offer courses

Degree courses:

Shibaura Kodai 2 years ¥3,400,000

Waseda U. 1-2 years ¥3,500,000

Single courses:

Tokyo U. 4 months ¥14,400/unit

GLOBIS 3 months ¥146,000/course

CAREER RISE 1 year ¥800,000/course

e-Learning

- **Broadband subscribers in Japan**
15,000,000 (33% families connected)
- **University e-learning programs**
- **Private Business – English, Training, etc.**
¥50 billion in 2002 to ¥200 billion in 2006
- **METI & MEXT w/Tokyo U. TEPCO, NTT Data, JR**
To support “Industrial HR Colleges” (NPO)
Creating 2,000 e-learning centers all over Japan
To learn IT, Business English for ¥1,000/hr.



More Information about Japan

www.glocom.org

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Thank you

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