

International Exchanges



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Internationalization in Higher Education

1. Increased Student Mobility

- 1) Full-time Foreign Students**
- 2) International Exchanges**

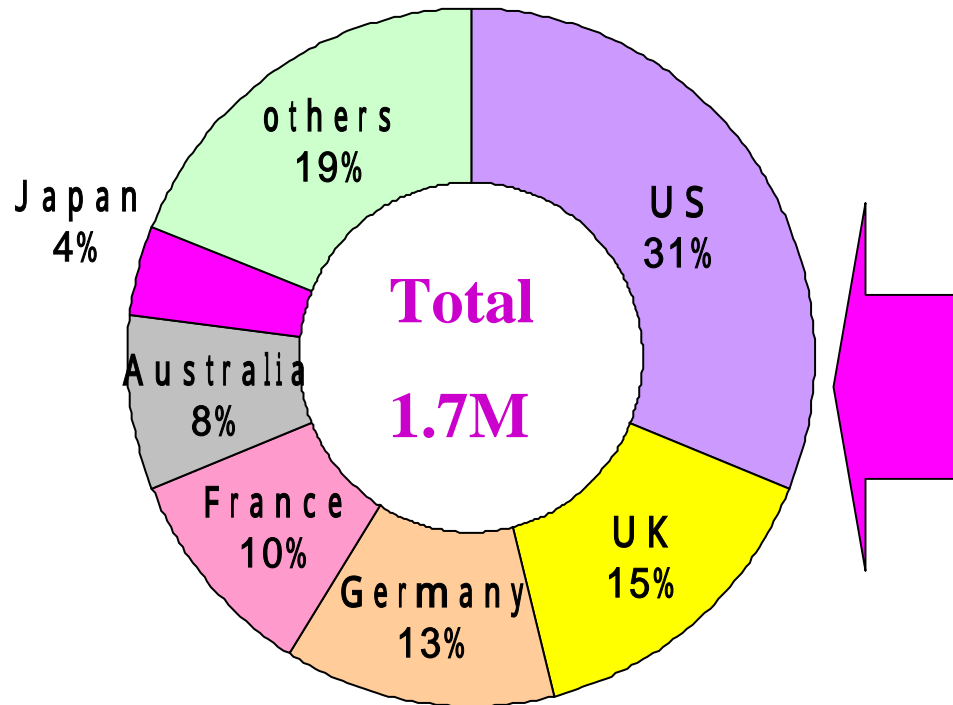
2. Increased Trans-national Education

- 1) e-Learning**
- 2) Off-shore Campuses**

3. Brain Circulation

- 1) Brain Drain and Gain**
- 2) Reverse Brain Drain**

Increased Global Student Mobility



**Destination Countries of
Foreign Students**

China 8%

Korea 5%

India 4%

Japan 4%

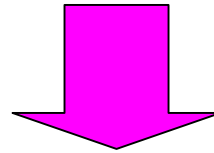
Canada 2%

Total 1.7M

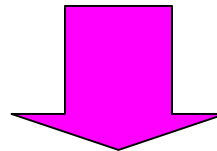
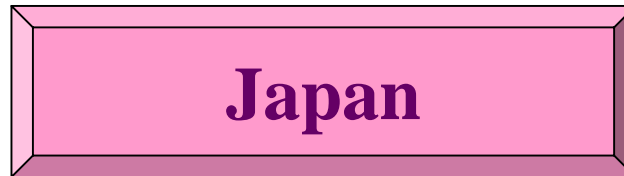
Foreign Students in Japanese Higher Education Institutions

109,508 (MEXT;May,2003)

Asia 93.2%, EU 2.5%, N.America 1.4%



Undergraduate 48.4%
Graduate 26.1%



Japanese Students in Overseas Higher Education Institutions

76,464 (MEXT;May,2001)

Japanese Students in Overseas Higher Educational Inst.

Country/Region	Outbound
Canada	1,478

Top 10th Countries

	Country/Region		Country/Region
1st	United State	6th	Canada
2nd	China	7th	France
3rd	United Kingdom	8th	Republic of korea
4th	Australia	9th	New Zealand
5th	Germany	10th	Austria

Source:U.S.; IIE"OPEN DOORS"/China; Chinese Ministry of Education/U.K., Australia, Germany, Canada, France, New Zealand, Korea, Austria; OECD"Education at a Glance"

Exchanges of Japanese Researchers in FY2002

	Outbound	Inbound
Total	3,316	618

From MEXT

Top 12th countries

	Country/Region		Country/Region
1	United State	1	China
2	China	2	United State
3	Republic of Korea	3	Republic of Korea
4	Germany	4	Germany
5	France	5	United Kingdom
6	United Kingdom	6	France
7	Thailand	7	Thailand
8	Canada	8	Russia
9	Italy	9	India
10	Australia	10	Indonesia
11	Taiwan	11	Canada
12	Swiss	12	Australia

MEXT Policies and Programs for Student Mobility

- 1. “Plan to Accept 100,000 Foreign Students”
Achieved in 2002**
- 2. Doubling Student Mobility over 10 Years**
 - 1) G8 Education Ministries in 2000**
 - 2) Action Plans Followed**
- 3. Academic Frontiers Student Exchange Promotion Program**
 - 1) Japan and Thailand**
 - 2) Japan and France**
- 4. International Cooperation Programs**

Tokyo Tech and Thailand Partnership

1. **Equal Partnership for International Cooperation**
 - 1) **Global Networking**
2. **“Tokyo Tech Office in Thailand” Launched in 2002**
 - 1) **Hub for International Education and Ind/Univ Collaboration**
 - 2) **Satellite Lectures to Thai Universities**
3. **Conferred Hon.Doctor to Prime Minister in 2003**
4. **Joint Agreement with NSTDA in 2003**
 - 1) **International Cooperation in Research**
 - 2) **Joint Project on Solar Cells**

Tokyo Tech and Tsinghua Univ Graduate School

1 . Equal Partnership for International Collaboration

- 1) Global Networking for Collaboration**
- 2) Growing Industries in China**

2 . Graduate School Co-operated by Both Universities

- 1) Industrial Demands for Human Development**
- 2) Dual Enrollment and Dual Degree**
- 3) Master Courses in
Nanotechnology and Biotechnology**
- 4) Chinese, Japanese and English**
- 5) Industry/Academia Collaboration in Education**

Why students should take part in international exchange ?

1. Growing International Education

Diversified Higher Education

2. Global Mobility of Students

Face-to-face Education

3. Benefits for Students

1) International and Intercultural understanding

2) Communication Capability

3) International Human Networks

What conditions or measures encourage students to participate ?

1. Providing Students with Motivation

1) Changing World

2) Demands for International Leaders

3) Attractiveness of International Education Programs

2. Offering Individual Benefits

1) Fostered with International and Intercultural Understanding

2) Fostered with International Leadership

3) International Networking

What are the most significant barriers ?

1. To be solved by the administratives

- 1) Lack of Financial Support**
- 2) Lack of Efficient and Compatible Credit Transfer Systems  UMAP, etc.**
- 3) Attractiveness of International Higher Education Programs**

2. To be solved by individuals

- 1) Difficulty in Foreign Language Learning**
- 2) Lack of Motivation**