

Outreach to Academia in Japan



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METI

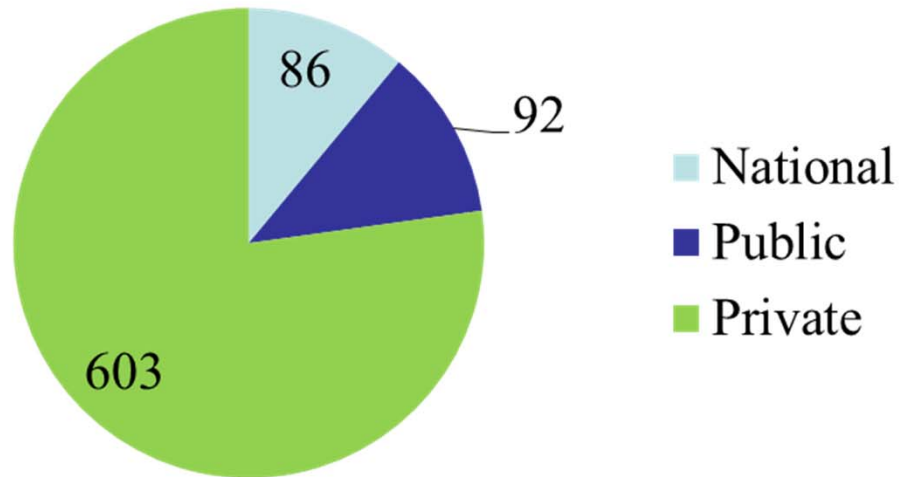


1. Change in Environment Surrounding Academia

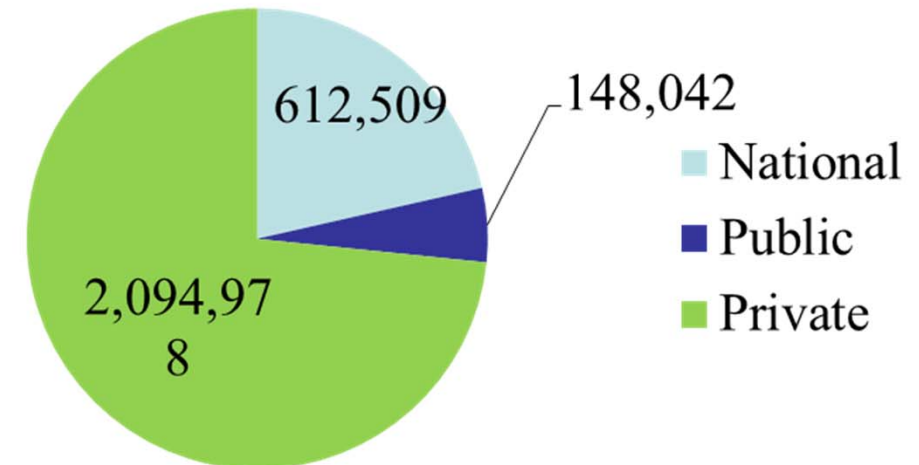


Japanese Universities

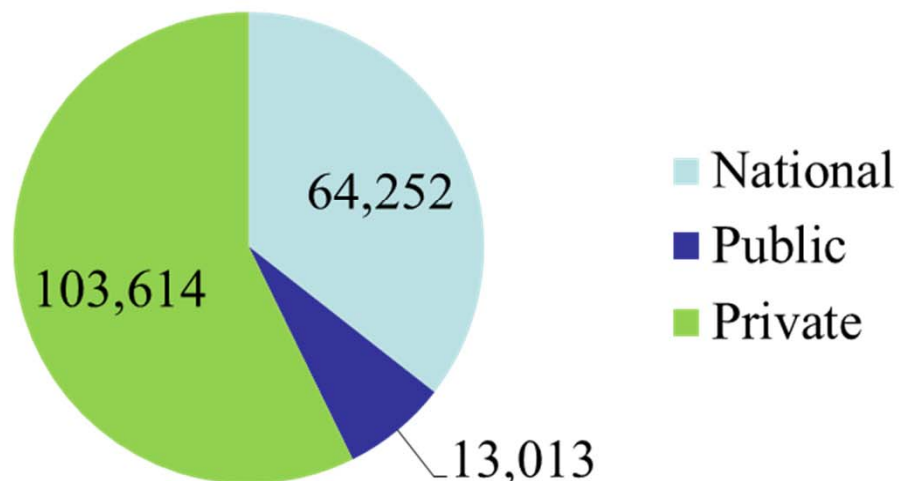
University (total 781)



Student (total 2,855,529)



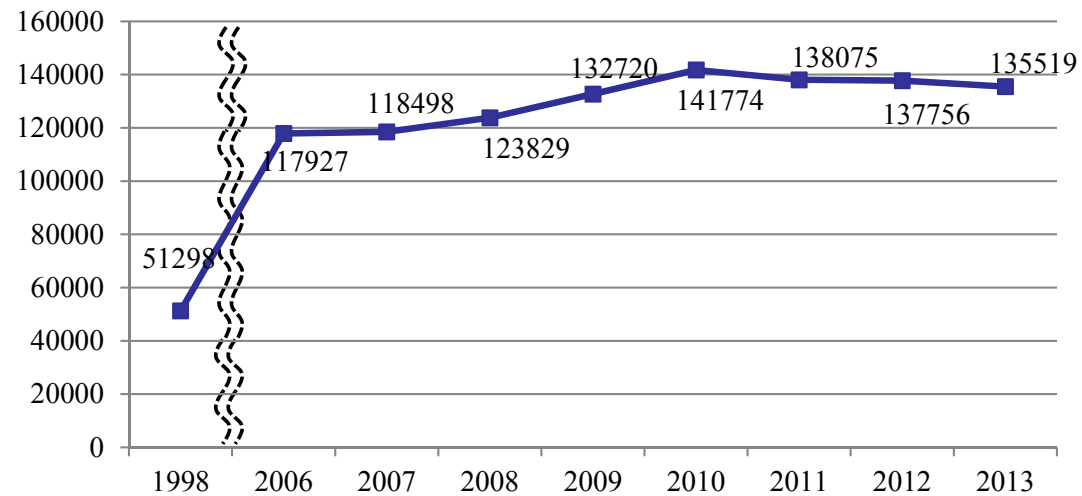
Faculty (total 180,879)



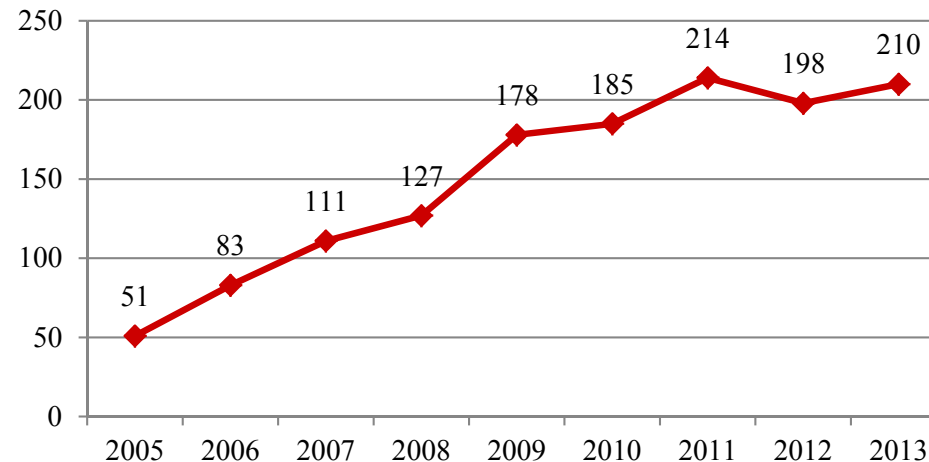
Source; The Basic Survey of Schools, MEXT, May, 2014.

Internationalization of Academia

Number of international students



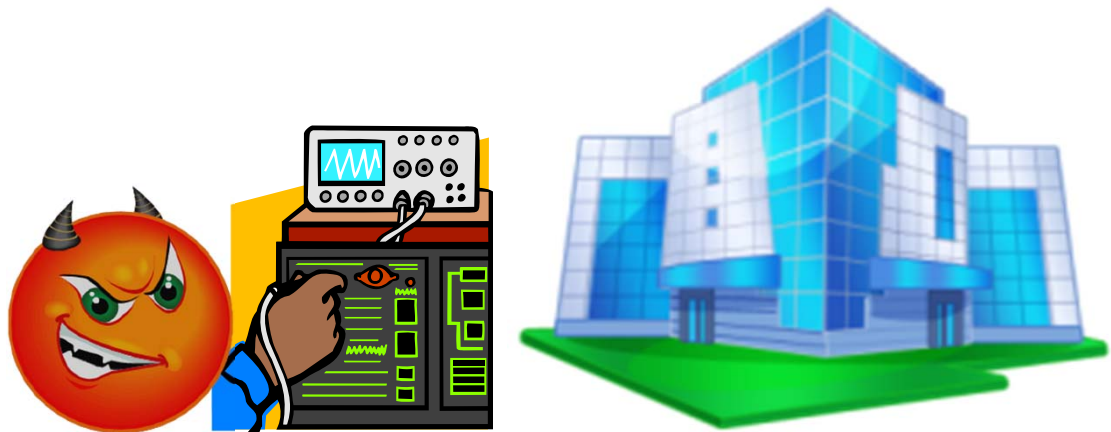
Number of joint research projects with foreign companies



Source:, The FY2013 International Students Enrollment Survey, Japan Student Services Organization, March 2014.

Change in Environment Surrounding Academia

- ✓ Interest in more strict control of goods/technologies related to WMD have been increasing internationally.
- ✓ Entities of concern have changed their procurement targets from listed goods/technologies to unlisted goods/technologies.






2. The Importance of Outreach Activities to Academia




Questions Related to Security Trade Controls



Why do we have to deal with security trade controls ?



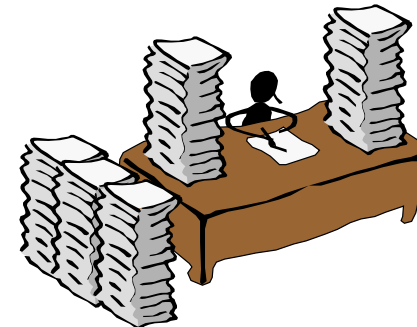
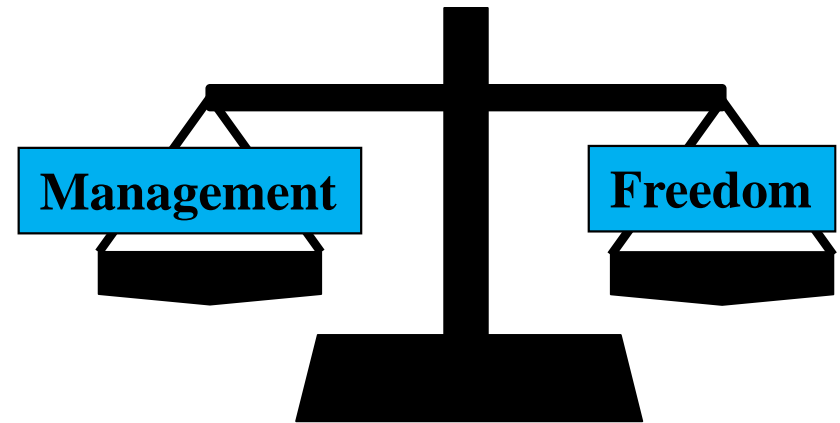
What kind of research and activities are subject to security trade controls?



How are security trade controls useful in promoting my research?

Key Points of Promotion Activities

- ✓ To raise a researcher's awareness for self control as important procedures.
- ✓ To respect of Academic Freedom and Openness in research.
- ✓ To avoid complex trade control procedures.





3. Encouraging Security Trade Controls



(1) Requests from Government to Academia

- (1) “Enhancing Export Control at Academia” released by Director-General, Trade and Economic Cooperation Bureau, METI (2005)

- (2) “Enhancing Export Control at Academia” released by METI Minister, and informed to Academia by MEXT(2006)

- (3) “Compliance Requirements for Exporters” introduced in 2009 and enforced in April, 2010

- (4) “Enhancing Export Control at Academia” released by Director-General, Trade and Economic Cooperation Bureau, METI, and informed to Academia by MEXT (2009)

(2) Seminars for Academia

(1) Holding seminars in all 47 prefectures.(2006-2009)

(2) Holding seminars in 8 blocks across Japan. (2010-2012)

(3) Inviting lecturers from Academia to share good practices. (2013-)

Past record of seminars for Academia

Fiscal Year*	2006	2007	2008	2009	2010	2011	2012	2013	2014
Seminars	16	13	31	19	22	8	8	6	6
Participants	463	442	565	1,354	1,499	266	785	629	454

* From April to March

(3) Guidance for Controls of Sensitive Technologies etc.

(1) Establishing the Guidance, which explains obligations for Academia(2008) (Revised in February 2010)

→English version

<http://www.meti.go.jp/policy/anpo/englishpage/101012guidance.pdf>

(2) Providing three kind of booklets which summarize the outline of Japan's security trade controls. METI has provided more than 50,000 of these booklets to Japanese organizations, including companies, each year. (2007-)

(3) Publishing Q&A's especially for Academia to promote their self export control.(2014)

Actions by Academia (1)

(1) Two Guidelines by Japan Society for Intellectual Production
(2009)

◆ Guidelines for Academic Institutions

“Guidelines for Establishment and Operation of Security Trade Controls” (Japanese version only)

→ http://j-sip.org/info/pdf/anzenhosho2-1_2.pdf

◆ Guidelines for Researchers

“Security Trade Control Guidelines for Researchers” (English version)

→ http://j-sip.org/info/pdf/anzenhosho_en_1.pdf

Actions by Academia (2)

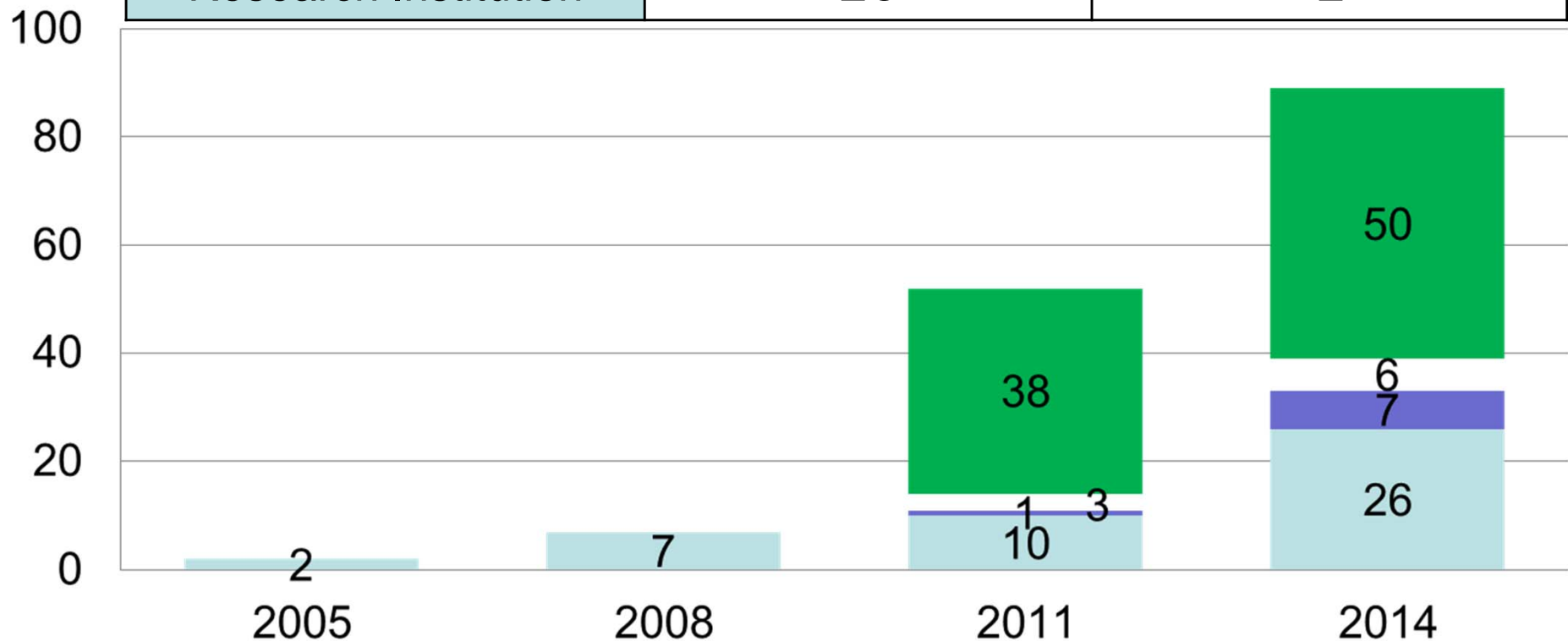
(2) A one day forum, “Export Control Day for Academia”, has been held by academia annually (2012-). More than 200 people attended and shared their best practices and challenges.

(3) Academia has requested to Governments (ex. METI, MEXT, MOFA) of their comments.

- ◆ The Japan Association of National Universities (2010, 2014)
- ◆ University consortium for International Intellectual Coordination (2012)
- ◆ Joint 5 organizations led by the Center for Information on Security Trade Control (2014)

Establishment of Trade Control Rules by Academia

Category	Established	Under consideration
National Univ.	50	10
Public Univ.	6	2
Private Univ.	7	12
Research Institution	26	2



Source; As for the data in 2005-2011; Search report about security export control of Academic Institutions, University consortium for International Intellectual Coordination.

As for the data in 2014; Compiled by METI.



4. Lessons from Some Universities' Actions



Key Points from Some Actual Actions

- ◆ To bridge laboratory office and trade control office within university.
- ◆ To conduct surveys of experiment equipment and materials in all laboratories.
- ◆ To make flow chart and check lists for listed goods/technologies (including acceptance of international students and researchers).
- ◆ To introduce risk-based approaches or simplified procedures for low risk goods/technologies.
- ◆ To introduce PDCA cycle for continuous improvement including internal audit.

