

Data Related to Collaborative Research

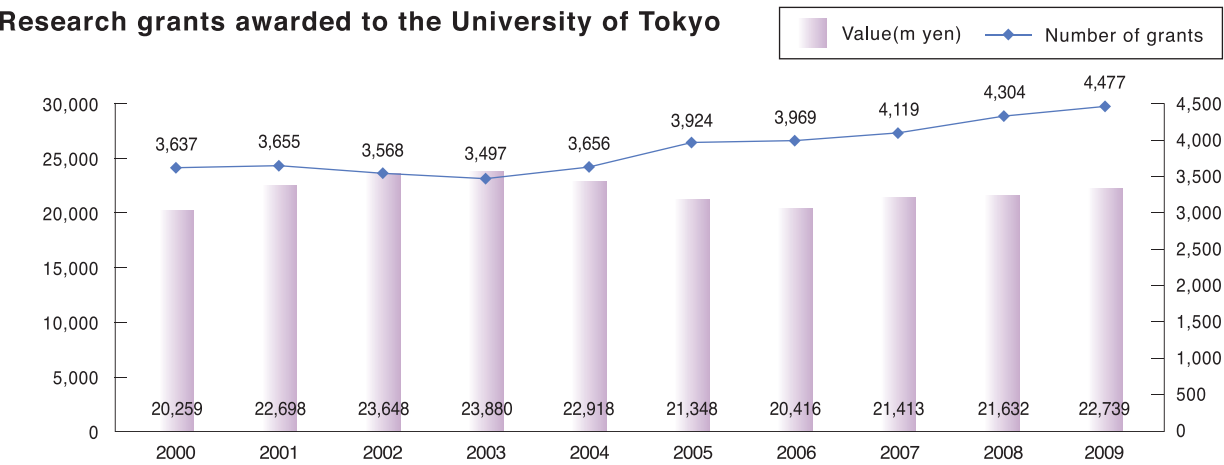
SCIENTIFIC RESEARCH GRANTS

(2009 Academic Year)

Number of projects approved at the University of Tokyo	4,477
Total amount granted or projected at the University of Tokyo	22,739 (m yen)

Notes: •Scientific research grants awarded to the University of Tokyo by the Ministry of Education, Culture, Sports, Science and Technology.

Research grants awarded to the University of Tokyo



INCOME FROM EXTERNAL SOURCES

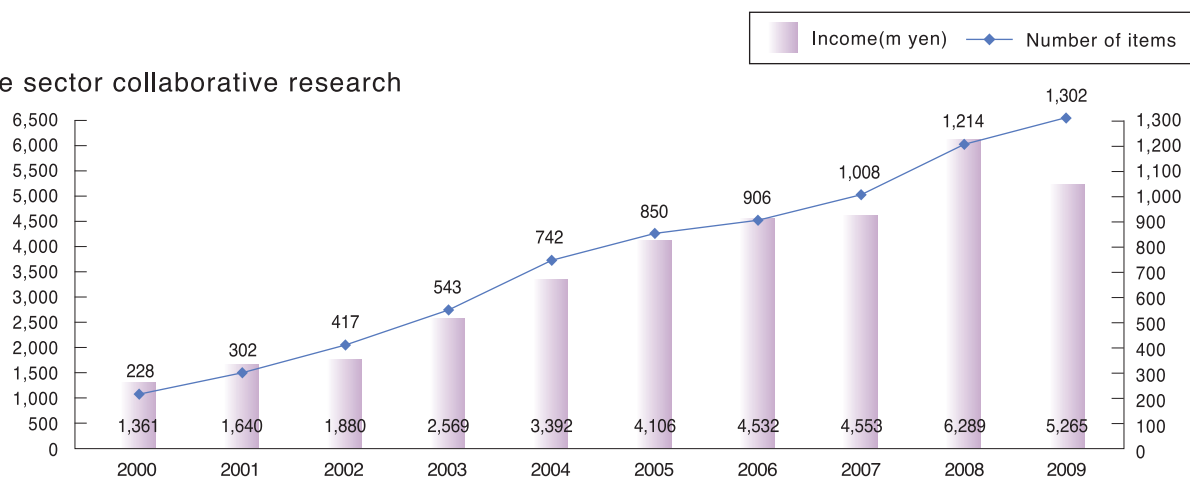
(2009 Academic Year)

Type	Agreements	
	Number	Value(m yen)
Collaborative research with private sector	1,302	5,265
Contract research	1,158	28,207
Donations	12,856	10,038
Total	15,316	43,510

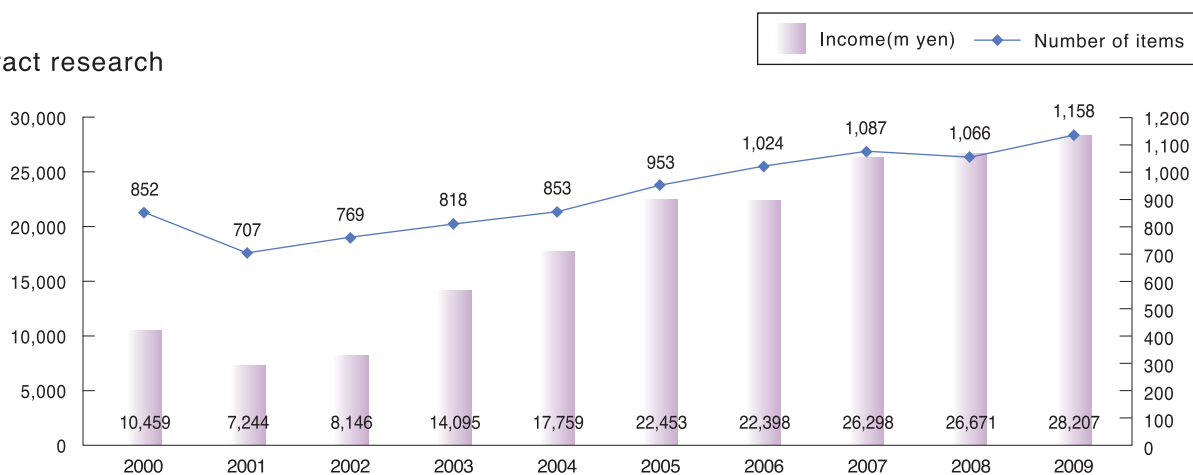
Notes: •Collaborative research : the university accepts researchers or funding to cover costs of research from private organizations and conducts research on areas of common interest.
•Contract research: the university accepts funding from an external organization, and disseminates the results of the requested research to the organization concerned.
•Donations: donations to cover running costs, research and education, student support and loans for tuition fees and so on.

Income from external sources

Private sector collaborative research

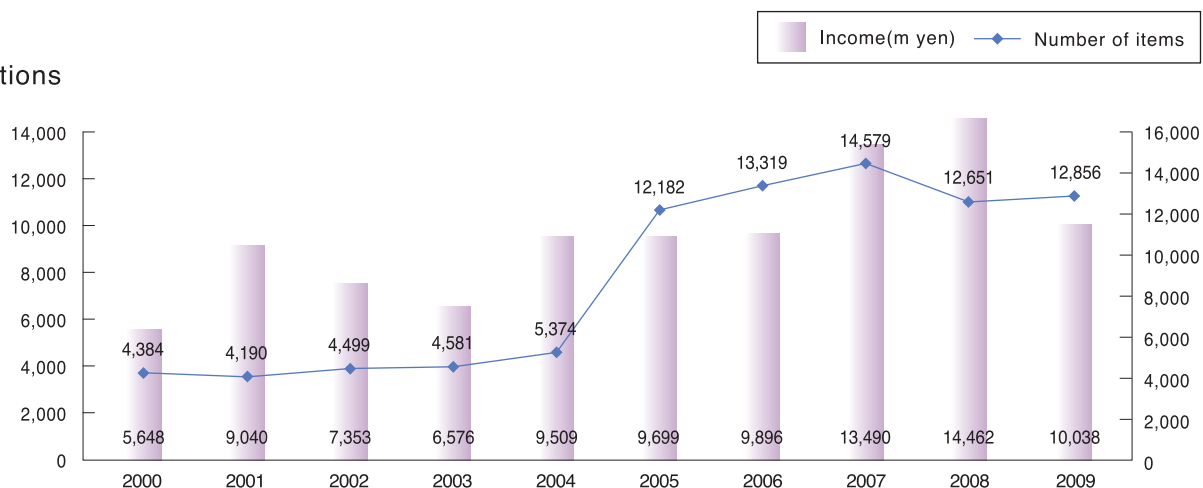


Contract research



Notes: • Figures do not include the value and quantity of pharmaceuticals received.

Donations



Notes: • Figures for 2005 and later include gifts to the University of Tokyo Foreign Student Support fund.

Data Related to Intellectual Property

PATENTS

(Accumulated value through March 2010)

		Domestic		International		Licensed patents			Notes
		Applications	Rights	Applications	Rights	Licensed	Providing income	Income (thousand yen)	
Patents for inventions held by the University	Created before incorporation*1	318	120	514	96	34	12	74,322	Total income since April 2002. Includes patents inherited on incorporation.
	Created after incorporation	2,066	76	1,356	61	1,168	387	484,617	
	Subtotal	2,384	196	1,870	157	1,202	399	558,939	
Patents held by faculty members	Managed by TLO(CASTI*2)	600	56	464	108	226	212	2,866,877	Income to TLO(CASTI)
	Managed by TLO(FPIS*3)	131	74	75	52	126	62	92,445	Income to TLO(FPIS)
	Subtotal	731	130	539	160	352	274	2,959,322	
Total		3,115	326	2,409	317	1,554	673	3,518,261	

MATERIALS RESULTING FROM RESEARCH

	Number of items	Income(thousand yen)
Materials resulting from research	412	262,917

SOFTWARE COPYRIGHTS

	Holdings	Licensed	Providing income	Income(thousand yen)
Software copyrights inherited by the University	101	76	65	35,826

TRADEMARKS

	Applications	Holdings	Licensed	Providing income	Income(thousand yen)
University Trademarks	32	31	1	1	42,436
Faculty, Department etc. Trademarks	44	41			
Total	76	72	1	1	42,436

OTHER INTELLECTUAL PROPERTY

	Applications	Holdings	Licensed	Providing income	Income(thousand yen)
Know-how					
Utility models					
Design rights	11	11	2	2	131
Circuit layout rights					
Plant breeder's rights					

Notes: *1 Incorporation: in April 2004, all Japanese National Universities became National University Corporations.

*2 CASTI: TODAI TLO, authorized Technology Licensing Organization.

*3 FPIS: The Foundation for the Promotion of Industrial Science, authorized Technology Licensing Organization.

Number of invention reports

(2009 Academic Year)

	April	May	June	July	August	September	October	November	December	January	February	March	Total
Invention reports	64	35	54	43	59	47	38	36	74	49	74	63	636
number of succession	42	28	31	35	54	37	19	21	49	36	46	42	440

Data of departments

Number of patent applications 2009 Academic Year

()=number of joint applications

Domestic application

Department	Medicine	University Hospital	Engineering	Letters	Science	Agriculture	College of Arts and Sciences	Education	Pharmaceutical Sciences	Frontier Sciences	Information Science and Technology	Interfaculty Initiative in Information Studies	Institute of Medical Science	Earthquake Research Institute
Applications	5(4)	19(11)	117(92)	1(1)	28(21)	27(15)	9(8)	1(1)	16(4)	25(18)	33(15)	1	27(11)	4(4)

Department	Institute of Industrial Science	Institute of Molecular and Cellular Biosciences	Institute for Cosmic Ray Research	Institute for Solid State Physics	Research Center for Advanced Science and Technology	Division for Environment, Health and Safety	Research into Artifacts, Center for Engineering	Asian Natural Environmental Science Center	Center for Spatial Information Science	Information Technology Center	VLSI (Very Large Scale Integration) Design & Education Center	Center of Collaborative Research	Office of the President	Total
Applications	43(26)	4(1)	3(3)	1	43(35)	1(1)	3(2)	3(1)	2(1)	1(1)	3(2)	1	2(2)	423(280)

Foreign application

Department	Medicine	University Hospital	Engineering	Science	Agriculture	College of Arts and Sciences	Pharmaceutical Sciences	Mathematical Sciences	Frontier Sciences	Information Science and Technology	Institute of Medical Science
Applications	11(6)	19(15)	110(76)	17(13)	14(7)	5(2)	21(5)	1(1)	18(7)	14(5)	35(16)

Department	Institute of Industrial Science	Institute of Molecular and Cellular Biosciences	Institute for Cosmic Ray Research	Research Center for Advanced Science and Technology	Center for Spatial Information Science	Information Technology Center	VLSI (Very Large Scale Integration) Design & Education Center	Center of Collaborative Research	Office of the President	Total
Applications	19(10)	1	1(1)	40(31)	3(3)	1	4(2)	5(4)	2(2)	341(206)

Number of patent rights (Accumulated value through march 2010)

()=number of joint applications

Domestic patents

Department	Medicine	University Hospital	Engineering	Science	Agriculture	College of Arts and Sciences	Pharmaceutical Sciences	Frontier Sciences	Information Science and Technology	Interfaculty Initiative in Information Studies
Patents	7(7)	6(4)	56(17)	4(1)	6(2)	10(1)	5	23(18)	14(8)	5(3)

Department	Institute of Medical Science	Earthquake Research Institute	Institute of Industrial Science	Ocean Research Institute	Research Center for Advanced Science and Technology	Research into Artifacts, Center for Engineering	Center for Spatial Information Science	VLSI (Very Large Scale Integration) Design & Education Center	Center of Collaborative Research	Total
Patents	1	4(2)	39(27)	1(1)	5(4)	1(1)	2(1)	1	6(3)	196(100)

Foreign patents

Department	Engineering	Science	Agriculture	College of Arts and Sciences	Pharmaceutical Sciences	Frontier Sciences	Information Science and Technology	Interfaculty Initiative in Information Studies
Patents	49(14)	3(3)	10(1)	19(3)	5	17(2)	18(1)	9(7)

Department	Earthquake Research Institute	Institute of Industrial Science	Institute for Cosmic Ray Research	Research Center for Advanced Science and Technology	Center for Spatial Information Science	VLSI (Very Large Scale Integration) Design & Education Center	Center of Collaborative Research	Total
Patents	1	13(13)	1	7(7)	1	2	2(2)	157(53)

Number of the University of Tokyo related Start-ups*: 130 companies

*These start-ups include those that are

- 1) based on the technologies invented by the researchers of the University of Tokyo,
- 2) founded recently by the researchers, graduates or students of the University of Tokyo,
- 3) incubated at the University of Tokyo facilities, or/and
- 4) financially supported by the University of Tokyo Edge Capital (UTEC).

DUCR's Incubation Business (Venture firms that occupied or planned to occupy the Entrepreneur Plaza or Incubation Rooms as of June 1, 2010)

■ The University of Tokyo Entrepreneur Plaza

- ☐ **Advanced Softmaterials Inc.:** Manufacture and sale of Slide-Ring Gel and its precursor polyrotaxane as well as development of their applications
- ☐ **Genome Pharmaceuticals Institute Co., Ltd.:** Development of drugs for the treatment of bacterial and viral infectious diseases making the most of the company's proprietary technology based on silkworm infection models, etc.
- ☐ **IIDev. Co., Ltd.:** Development of automatic reading systems for information on paper and sales of services that use these systems
- ☐ **Smart Solar International Co., Ltd.:** Development of concentrator photovoltaic power generation systems and solar cell-related business
- ☐ **Cellcross Co., Ltd.:** Research in and development of LAN communications machinery, RFID products, UWB products, and so forth based on two-dimensional communications technology
- ☐ **Da Vinci Co., Ltd.:** Research in and development of thermal technology
- ☐ **TES Holdings Co., Ltd.:** Research in and development of technology related to regenerative medicine, as well as undertaking research from medical institutions on contract
- ☐ **Research Association of Innovative Bioethanol Technology:** Research in and development of cellulosic bioethanol manufacturing technology
- ☐ **Phyzios, Inc.:** Planning, design, development, manufacture, and sale of computer systems and software using objects based on the moving particle semi-implicit method
- ☐ **Prometech Software, Inc.:** Development and sale of software, as well as the provision of consulting and services in the field of computational science and technology
- ☐ **Morpho, Inc.:** Provision of the company's proprietary video technology in computer visions and graphics to manufacturers of consumer electronics and video production environments
- ☐ **euglena Co., Ltd.:** R&D, manufacture, and sale of euglena, as well as its application to environmental business
- ☐ **Littel Corporation:** ASP services that support library information search (Littel Navigator)
- ☐ **The University of Tokyo Edge Capital Co., Ltd.:** Venture capital business (which develops an incubation business called "Entrepreneurs in Residence (EIR)" at the Plaza)

■ UCR Plaza Incubation Rooms

- ☐ **Fairy Devices Inc.:** Development of quite new hardware and provision of new services that combine such hardware with the Internet
- ☐ **popIn Inc.:** Services dedicated to the search interface for websites

■ Komaba Campus Corporate Relations Building's Incubation Rooms

- ☐ **AsukaLab Inc.:** Development and production of mixed reality systems and their contents
- ☐ **Advanced Photonics, Inc.:** Development, manufacture, and sale of photoelectric conversion modules securing a low cost with high reliability

Incubation Facilities Operated by DUCR

Requirements for moving into the University of Tokyo Entrepreneur Plaza

The maximum term of validity for a leasing agreement is 3 years, and leasing agreements can be renewed up to twice.

- ① An unlisted, ten-year-old or younger corporation established to commercialize the results of research or education brought by a University of Tokyo executive, teacher, student, or similar party and to return them to society
- ② An unlisted, ten-year-old or younger corporation in which a University of Tokyo executive or teacher also serves as a director
- ③ An unlisted, ten-year-old or younger corporation in which a University of Tokyo executive, teacher, student, or similar party is deeply involved through investment or other means when it is established
- ④ An unlisted, ten-year-old or younger corporation in which the University of Tokyo Edge Capital invests
- ⑤ Any other corporation that has close connections with the University of Tokyo if 10 years have not passed since its establishment or since it was launched as a new business

Details of major support

- Provision of offices and laboratories for venture firms
- Provision of common meeting rooms in the facilities
- Response to requests for DUCR's advice on business development
- Referral to professionals in accounting, tax, and legal affairs
- Assistance in the recruitment of human resources
- Provision of networking opportunities such as meetings to explain business plans to investors, experts, prospective business partners, and so forth

Other incubation facilities

Contact DUCR for details of incubation rooms at the University Corporate Relations (UCR) Plaza and at the Komaba Campus Collaborative Research (CCR) Building.



University of Tokyo Entrepreneur Plaza