

KYOTO UNIVERSITY
ANNUAL REPORT 2021

KYOTO UNIVERSITY ANNUAL REPORT

京都大学
アニュアルレポート

2021

EN



京大力、新輝点。



2022 marks the 125th anniversary of
Kyoto University's establishment.

URL: <https://125th.kyoto-u.ac.jp>

Fiscal Year 2020 (April 1, 2020–March 31, 2021)

Annual Report 2021

Issued by the Department of Financial Affairs, Kyoto University

Address: Yoshida-honmachi, Sakyo-ku, Kyoto 606-8501

Tel: 075-753-2111

Fax: 075-753-2191

E-mail: 820kanrika@mail2.adm.kyoto-u.ac.jp

URL: <https://www.kyoto-u.ac.jp/ja/about/public/issue/annual-report>

Message from the President

Returning to Kyoto University's roots and reconsidering its function as a research university

I was appointed as the 27th president of Kyoto University on October 1, 2020. At that time, in the midst of the growing social turmoil due to the spread of the novel coronavirus (COVID-19), I felt a strong sense of responsibility in taking the helm of a university with an almost 125-year history.

Human life and health is currently under threat from numerous complex issues, such as rapidly progressing global climate change, large-scale natural disasters, global environmental degradation, intensifying international conflicts, widening economic disparities, and emerging infectious diseases, including the current COVID-19 pandemic. When we are confronted with complex and difficult issues, and are at a loss as to the best course of action, it is often helpful to reflect our original intentions, and ask ourselves “What were my original goals? What was I originally trying to be?” Doing so can sometimes illuminate the way forward. In the same way, in this era of accelerated social change and uncertainty, I intend to manage Kyoto University while reflecting on its roots and original purpose.

In 2017, Kyoto University was granted Designated National University Corporation (DNU) status by Japan's Ministry of Education, Culture, Sports, Science and Technology (MEXT). To attain the prestigious DNU status, it was necessary for the university to develop its own specific DNU strategy. The four pillars of Kyoto University's DNU strategy are: (1) The establishment of a flexible organizational structure for research to promote free and innovative knowledge creation; (2) Fostering the next generation of researchers and promoting the international flow of talent; (3) The development and proactive dissemination of new approaches in the social sciences and humanities; and (4) The promotion of more effective management based on bottom-up discussions and the strengthening of the university's financial base. Numerous measures have already been implemented to advance these initiatives. For example, in 2020, the university established the Kyoto Innovation Center for Next Generation Clinical Trials and iPS Cell Therapy (Ki-CONNECT) and the Center for Cancer Immunotherapy and Immunobiology (CCII). 2020 also saw the implementation of the new MEXT Doctoral Program for World-leading

Innovative and Smart Education (WISE Program), and the strengthening of the university's industry-government-academia collaboration activities through the development of the Open Innovation Institute.

The mission of universities is to develop an intellectual infrastructure and foster talented human capital to provide benefit to society. Throughout its 125-year history of education and research, Kyoto University has sought to further its core mission of promoting harmonious coexistence within the global community. The university currently comprises 10 undergraduate faculties, 18 graduate schools, and a number of research institutes and education and research centers dedicated to a diverse range of fields. We have a responsibility to further strengthen the university's research capabilities in order to respond quickly and effectively to the changing needs of our times, while also maintaining a healthy diversity in the university's research endeavors. In March 2021, I announced my Key Presidential Policies—an overview of the policies and new initiatives that will be implemented by Kyoto University during my term as president. Through the steady implementation of concrete initiatives based on those policies, we aim to further the development of the university as a world-leading education and research institution.

2022 will mark the 125th anniversary of Kyoto University's founding. Throughout its history, the university's pioneering spirit of creativity and diversity has borne much fruit, but to maintain the production of such nourishing fruit in the future, we must plant seedlings and cultivate them properly. By firmly linking the university's chain of achievements throughout the past 125 years to its future, we will continue to make the utmost efforts to contribute to society through the creation of new intellectual value and the cultivation of outstanding human resources. We ask for your continued support of our endeavors.

September, 2021

Nagahiro Minato
President

Unique Characteristics of Kyoto University/Key Data

Unique Characteristics of Kyoto University

Kyoto University is one of Japan's leading comprehensive universities. In addition to ten undergraduate faculties, it comprises numerous graduate schools, and more research institutes than any other university in the country. It has developed an extensive international network through the conclusion of academic cooperation agreements with international partners and the establishment of overseas offices and centers. Under its institutional philosophy of “self-reliant learning founded on frank and open dialogue,” the university provides the best possible facilities to support education and research activities, and seeks to cultivate a spirit of creativity in its students and researchers. Many Kyoto University graduates go on to play major roles in academia, industry, government, and other sectors. The university is characterized by its diverse and innovative research endeavors, and its education system in which faculty engaged in cutting-edge research collaborate to provide general and liberal arts education to undergraduate students from their first-year.

CHECK! WEB The Kyoto University Guide Book is available from the website below.
<https://www.kyoto-u.ac.jp/ja/admissions/about/admission>

Key Data about Kyoto University

(As of May 1, 2021)



Number of students:

- Undergraduate: **12,956**
- Master's: **4,956**
- Doctoral: **3,826**
- Professional course: **748**



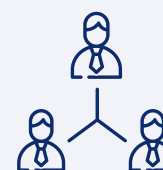
Number of faculty and staff:

- Total: **5,499**
- Faculty members: **2,701**
- Administrative and technical staff, etc.: **2,798**



International outlook:

- Faculty and administrative staff with non-Japanese nationality: **410**
- International students: **2,667** (from 109 countries and regions)
- Academic exchange memoranda with international partners: **201** (in 55 countries and regions)



Organization:

- 10** Faculties, **18** Graduate Schools, and **13** Research Institutes
- 66** Overseas offices and facilities (in 26 countries and regions)
- Land area: **50.57** million m² (Japan + Overseas)
- Building area: **1.39** million m²



Award-winning research:

- Nobel Laureates: **11**
 - Akira Yoshino (Chemistry, 2019)
 - Tasuku Honjo (Physiology or Medicine, 2018)
 - Isamu Akasaki (Physics, 2014)
 - Shinya Yamanaka (Physiology or Medicine, 2012)
 - Makoto Kobayashi (Physics, 2008)
 - Toshihide Maskawa (Physics, 2008)
 - Ryoji Noyori (Chemistry, 2001)
 - Susumu Tonegawa (Physiology or Medicine, 1987)
 - Kenichi Fukui (Chemistry, 1981)
 - Sin-iti Tomonaga (Physics, 1965)
 - Hideki Yukawa (Physics, 1949)
- Lasker Award Winners: **5**
 - Kazutoshi Mori (2014)
 - Shinya Yamanaka (2009)
 - Yoshio Masui (1998)
 - Yasutomi Nishizuka (1989)
 - Susumu Tonegawa (1987)
- Fields Medalists: **2**
 - Shigefumi Mori (1990)
 - Heisuke Hironaka (1970)
- Gauss Prize Winners: **1**
 - Kiyoshi Ito (2006)
- Chern Medalists: **1**
 - Masaki Kashiwara (2018)

Feature Tackling the COVID-19 Pandemic

Kyoto University Initiatives

Since last year, the COVID-19 pandemic has severely impacted people's activities in almost every area of life. Students have been unable to consistently enter the university's campuses, and have been forced to take the majority of their classes online. Although new teaching styles have been successfully employed thanks to the efforts of students and faculty members, it is undeniable that many of the most important aspects of university life—those in which students and faculty members directly interact with and inspire each other—have largely been forfeited. The university has implemented numerous initiatives to prevent the spread of the virus, and to support students' daily lives, education, and research activities during the pandemic. This page introduces some examples of those efforts.

"Teaching Online@KyotoU" support website for online and hybrid classes

Provides information on online and hybrid (combination of online and face-to-face) classes under the slogan "Keep Learning Online, Enhance Learning Online."

Main topics:



Research on COVID-19 Prevention

Utilizing its state-of-the-art resources, Kyoto University is conducting numerous research projects to tackle COVID-19 from multiple perspectives.

Initiatives by the Kyoto University Hospital

In March 2020, the Kyoto University Hospital established a unit to provide medical care to patients with confirmed or suspected COVID-19 infections.

Emergency Student Support Plan

In 2020, the university formulated an Emergency Student Support Plan to provide various forms of assistance to students who face difficulty continuing their studies due to a sudden change in household income or a significant decrease in income from part-time employment due to the COVID-19 pandemic. The total budget required for the plan in 2020 was one billion yen, which was obtained from government and university funds, and also thanks to donations from supporters. The plan includes the following measures:

■ Emergency benefit-type scholarship

A scholarship of ¥120,000 was provided to students who faced difficulty continuing their studies due to the decreased income of their parents or other persons responsible for the payment of their tuition fees.

■ Expansion of tuition fee exemptions

Expanded tuition exemptions were provided to students who became eligible due to the decreased income of their parents or other persons responsible for the payment of their tuition fees, including the granting of full tuition exemptions to students who would normally be eligible for half exemptions.

■ Employment of students as teaching or office assistants (TAs/OAs) to assist with online classes

Workshops

To ensure that education activities continue during the COVID-19 pandemic, workshops are held to provide faculty and staff members of different departments with the opportunity to share ideas on the most effective ways of providing online/hybrid classes and support for students. The workshops are held approximately once per week via Zoom. Videos of the workshops (together with relevant materials) are made available to all faculty and staff members via the Teaching Online@KyotoU website.

Satellite offices

Satellite offices that faculty and staff members can use for telework have been established on each of the university's campuses.

Enhancement of e-book facilities

Consultation services by the Counselling Office

Kyoto University Fund



Kyoto University's 125th Anniversary

The year 2022 marks the 125th anniversary of Kyoto University. The university is implementing several commemorative projects to celebrate the occasion and the significant leap forward that it represents. The commemorative projects are being planned with a view to enhancing the university's global competitiveness, strengthening its research capability, and promoting public engagement. In order to provide society with the next generation of human resources that will guide it into the future, Kyoto University is



developing programs to cultivate students who are smart, resilient, and globally-minded, and that provide an environment in which young researchers can dedicate themselves to their research.



The 125th anniversary projects include "Kyoto iUP", a program that aims to enhance the university's global competitiveness, and the Camphor Tree 125 Fund, which aims to strengthen the university's research capabilities. Please see the website below for further details.

<https://125th.kyoto-u.ac.jp/>

Toward the 125th Anniversary



Kyoto university fund website

"Kyodai-ryoku, Shin-kiten" (in Japanese, 京大力、新輝点) has been adopted as the slogan to mark the university's 125th anniversary. "Kyodai-ryoku," refers to the diverse abilities of all those connected with the university, including its students, researchers, faculty and staff members, and alumni, and "Shin-kiten" describes the anniversary as a starting point for renewed efforts to work towards a vibrant future.

As described in the slogan, the 125th anniversary is an opportunity for the university to further enhance its education and research activities. The university is inviting donations to the Kyoto University Fund, which is a source of funding for anniversary commemorative projects focusing on human capital development, and for the ongoing enhancement of the university.

Acknowledgment of those who donate to the Kyoto University Fund

● A token of appreciation to those who have made generous donations

Plaques displaying the names of donors will be installed in the Kyoto University Clock Tower Centennial Hall as a token of appreciation to those who have made generous donations to the Kyoto University Fund. In addition, social gatherings will be held to enable the President and other faculty and staff members to directly

express their appreciation to donors. Unfortunately, due to the COVID-19 pandemic, such events were not possible in 2020. However, we hope to continue creating opportunities to connect the university and its supporters.

● Tax incentives for donations

Donations to the university are eligible for tax incentives under the Corporation Tax Act and the Income Tax Act.



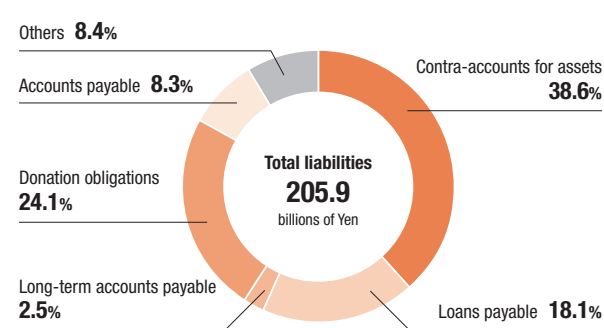
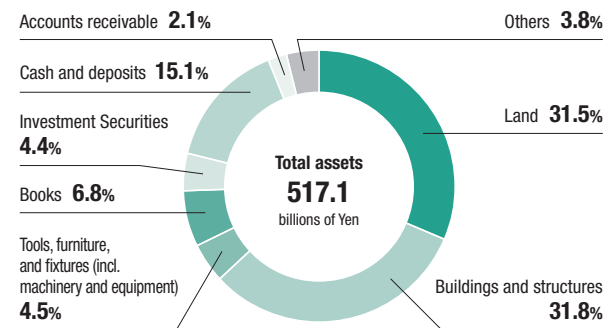
Please refer to the following website for further information about the Kyoto University Fund, including details of how to make donations, and tax incentives.

<https://www.kikin.kyoto-u.ac.jp/>

Overview of the Financial Statement for FY 2020

Summary of Balance Sheets (as of March 31, 2020 and 2021)

				(in billions of Yen)			
Assets	2019	2020	Increase (Decrease)	Liabilities	2019	2020	Increase (Decrease)
Land	163.0	163.0	0.0	Contra-accounts for assets	80.0	79.5	(0.5)
Buildings and structures	169.9	164.3	(5.6)	Loans payable	34.5	37.3	2.8
Tools, furniture, and fixtures (incl. machinery and equipment)	23.0	23.5	0.5	Long-term accounts payable	5.9	5.2	(0.7)
Books	34.8	35.0	0.2	Donation obligations	47.7	49.6	1.9
Construction in progress	2.2	3.9	1.7	Accounts payable	17.6	17.0	(0.6)
Investment Securities	12.1	12.1	0.0	Others	14.5	17.3	2.8
Investments in other securities of subsidiaries	7.3	9.8	2.5	Total liabilities	200.2	205.9	5.7
Long-term time deposits	3.5	3.5	-				
				Net assets	2019	2020	Increase (Decrease)
Cash and deposits	76.8	78.1	1.3	Capital stock	268.2	268.2	-
Money held in trust	5.1	6.0	0.9	Capital surplus	13.5	11.2	(2.3)
Securities	1.5	1.0	(0.5)	Retained earnings	36.4	31.7	(4.7)
Accounts receivable	10.9	10.7	(0.2)	Unappropriated retained earnings • Undisposed loss	(2.1)	0.1	2.2
Others	6.1	6.2	0.1	Total net assets	316.0	311.2	(4.8)
Total assets	516.2	517.1	0.9	Total liabilities and net assets	516.2	517.1	0.9



Notes Regarding Assets

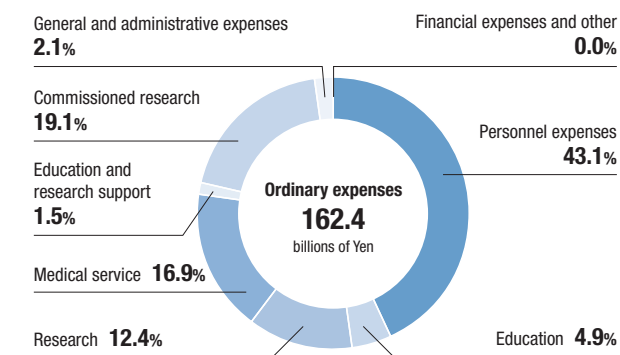
- Buildings and structures:** decrease of 5.6 billion yen
Increase due to the renovation of the Institute for Frontier Life and Medical Sciences Bldg. No. 3 and the special high-voltage substation.
Decrease due to accumulated depreciation.
- Construction in progress:** increase of 1.6 billion yen
Increase due to the renovation of the Central Medical Treatment and North Ward buildings of the Kyoto University Hospital.
- Investments in other securities of subsidiaries:** increase of 2.5 billion yen
Increase due to investment in the Innovation Kyoto 2021 Investment Limited Liability Partnership, a subsidiary of Kyoto University, based on the Industrial Competitiveness Enhancement Act.

Notes Regarding Liabilities

- Loans payable:** increase of 2.8 billion yen
Increase due to a new loan from the National Institution for Academic Degrees and Quality Enhancement of Higher Education.
Decrease due to repayments in the current fiscal year.
- Donation obligations:** increase of 1.9 billion yen
Increase of the unused amount of donations due to an increase in donations received.
*Donations for education and research are recorded as liabilities when received, and recorded as income when used.

Summary of Statement of Income (ended March 31, 2020 and 2021)

				(in billions of Yen)			
	2019	2020	Increase (Decrease)		2019	2020	Increase (Decrease)
Ordinary expenses				Ordinary revenue			
Personnel expenses	69.3	70.0	0.7	Operational grants	54.4	53.6	(0.8)
Education	7.1	7.9	0.8	Tuition, admission and examination fees	13.6	13.6	0.0
Research	20.4	20.1	(0.3)	University hospital	40.5	37.9	(2.6)
Medical service	29.0	27.4	(1.6)	Grants for research	30.9	30.9	0.0
Education and research support	2.5	2.5	0.0	Donations	5.4	5.8	0.4
Commissioned research	30.7	31.0	0.3	Subsidies	3.4	6.2	2.8
General and administrative expenses	3.6	3.4	(0.2)	Research-related revenue	2.8	2.9	0.1
Financial expenses and other	0.3	0.1	(0.2)	Other	9.7	10.4	0.7
Total ordinary expenses	162.9	162.4	(0.5)	Total ordinary revenue	160.7	161.3	0.6
Extraordinary losses	2.1	0.1	(2.0)	Extraordinary income	0.9	0.2	(0.7)
				Reversal of reserve for specific purposes	1.3	1.1	(0.2)
Total				Total			
162.5				162.6			
Gross profit (Gross loss)	(2.1)	0.1	2.2				



Notes Regarding Ordinary Expenses

- Education:** increase of 0.8 billion yen
Increase due to the implementation of the Emergency Student Support Plan, including the expansion of tuition fee exemptions and provision of benefit-type scholarships.



Notes Regarding Ordinary Revenue

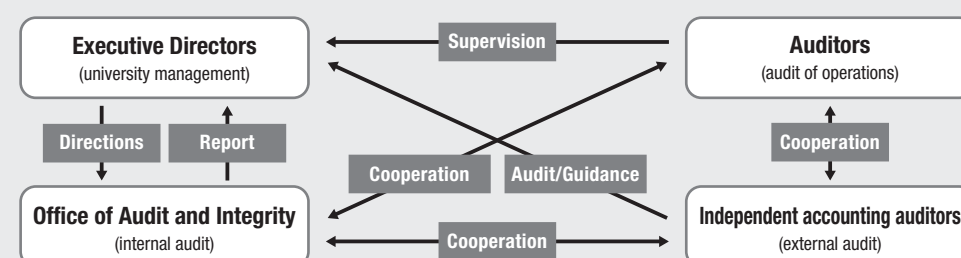
- Revenue from the University Hospital:** decrease of 2.6 billion yen
Decrease due to a decrease in the number of patients, as the number of surgeries were reduced to facilitate the establishment of a system to treat patients infected with COVID-19 and secure hospital beds for them.
- Revenue from subsidies:** increase of 2.8 billion yen
Increase due to an increase in the amount of subsidies received from the Ministry of Education, Culture, Sports, Science and Technology (MEXT) and Kyoto Prefecture for measures in response to COVID-19.



Audits and Compliance

Audits at Kyoto University

Kyoto University's operations are audited from four different perspectives by four different auditors: (1) Audits by internal auditors, (2) Audits by the Office of Audit and Integrity, (3) Audits by an independent accounting auditor, (4) Audits by the Board of Audit of Japan. (1) and (2) are internal audits, (3) and (4) are external third party audits.



Ensuring that research grants are used appropriately

Kyoto University's accounting rules and procedures are detailed systematically in the university regulations, Q&As, manuals, and other materials. To prevent the inappropriate and fraudulent use of research funds by faculty and staff members due to an inadequate understanding of accounting rules and procedures, the university has published the Handbook on Research Fund Use, which provides an overview of the accounting regulations and other important information relating to the use of research funds. The handbook is provided to faculty and staff members to ensure that they are familiar with the university's accounting rules and procedures.



CHECK! WEB The Handbook on the Use of Research Funds is available from the website below.
<https://www.kyoto-u.ac.jp/ja/research/rule/public/competitive/handbook>

The university's Guidelines for the Use of Competitive Funds have also been issued, and various measures are being implemented to prevent the inappropriate and fraudulent use of research funds, and to provide education on compliance matters. The university also conducts reviews to confirm the current use and management of research funds, compliance education, and other initiatives at the departmental level, and inquiry desks for consultation on accounting rules and administrative procedures have been established in the central administration and other departments.