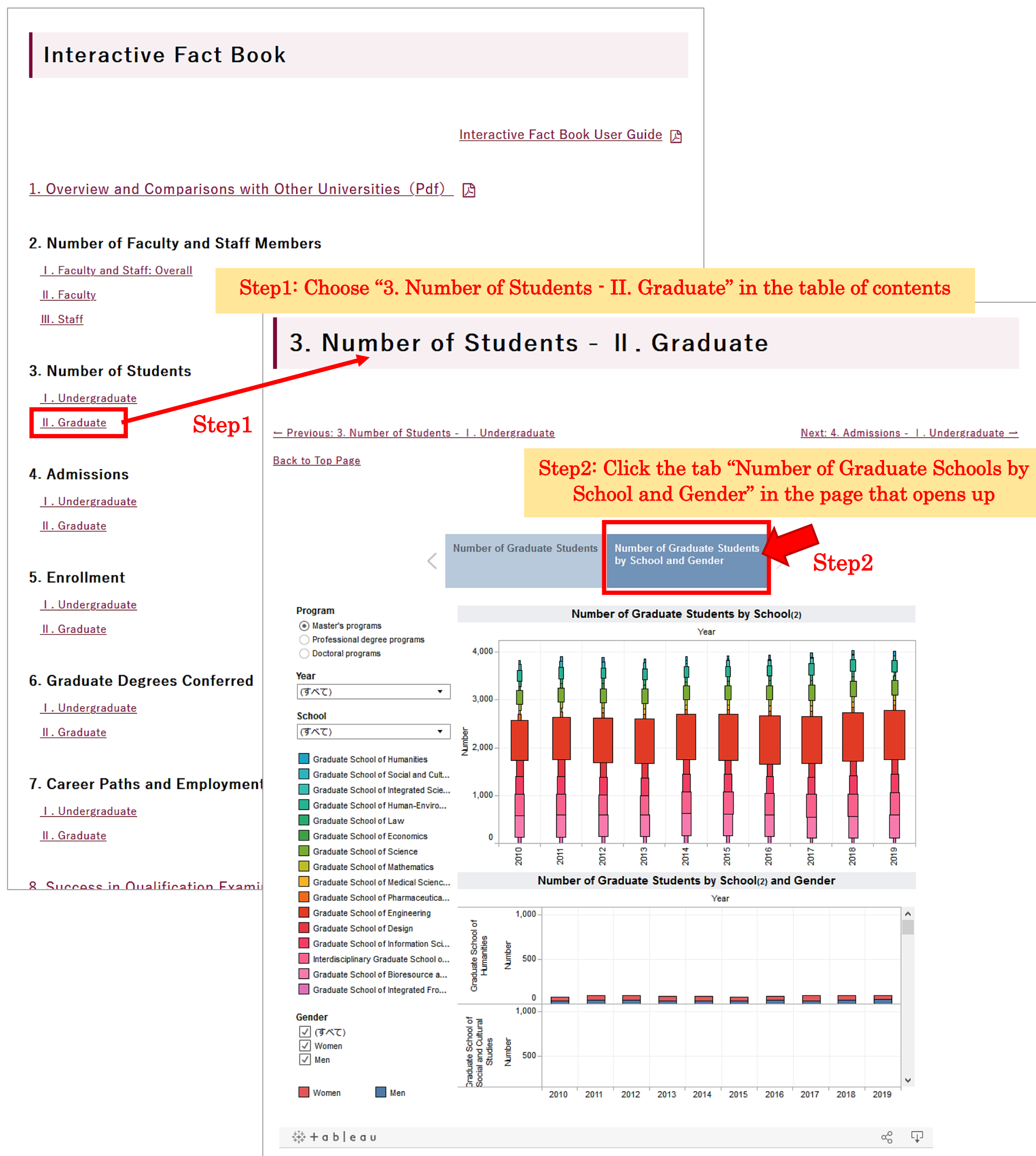


Examples of Good Practice for the Interactive Fact Book

Example 1

How to compare the quantity of students in different schools? For example, comparing the quantity of PhD students in the Graduate School of Engineering and the Graduate School of Science.



Step3

Step3: On the left "Program" filter select "Doctoral programs"

Program

☐ Master's programs

☐ Professional degree programs

☒ Doctoral programs

Year

(すべて)

School

(すべて)

- ☐ Graduate School of Humanities
- ☐ Graduate School of Social and ...
- ☐ Graduate School of Integrated ...
- ☐ Graduate School of Human-Env...
- ☐ Graduate School of Law
- ☐ Graduate School of Economics
- ☐ Graduate School of Science
- ☐ Graduate School of Mathematics
- ☐ Graduate School of Systems Li...
- ☐ Graduate School of Medical Sci...
- ☐ Graduate School of Dental Scie...
- ☐ Graduate School of Pharmaceu...
- ☐ Graduate School of Engineering
- ☐ Graduate School of Design
- ☐ Graduate School of Information...
- ☐ Interdisciplinary Graduate Scho...
- ☐ Graduate School of Bioresourc...

Gender

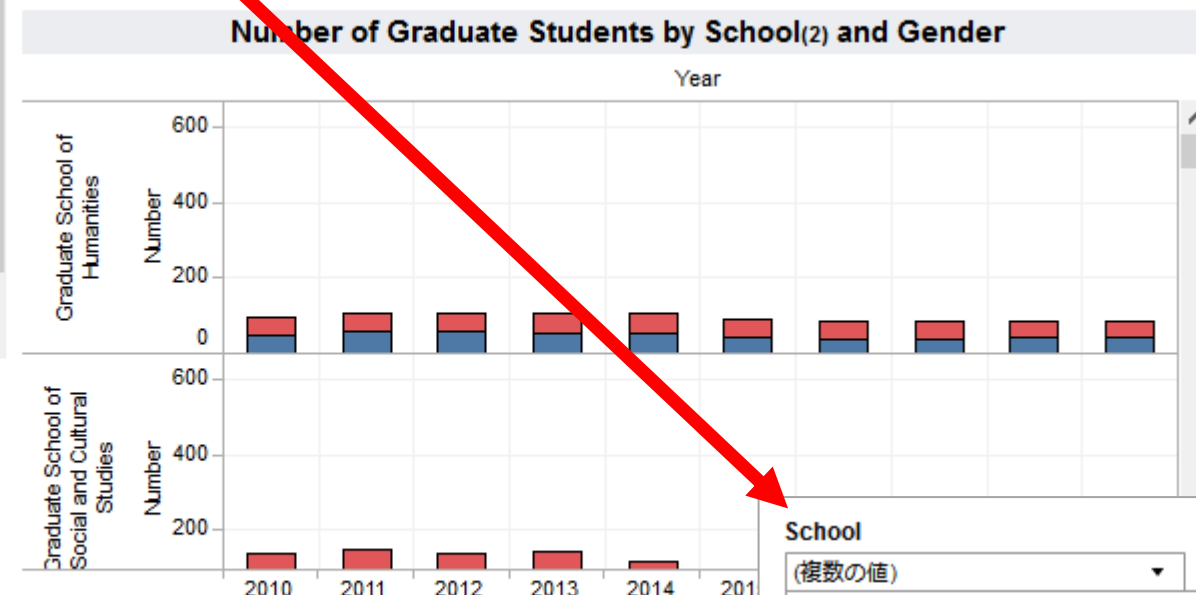
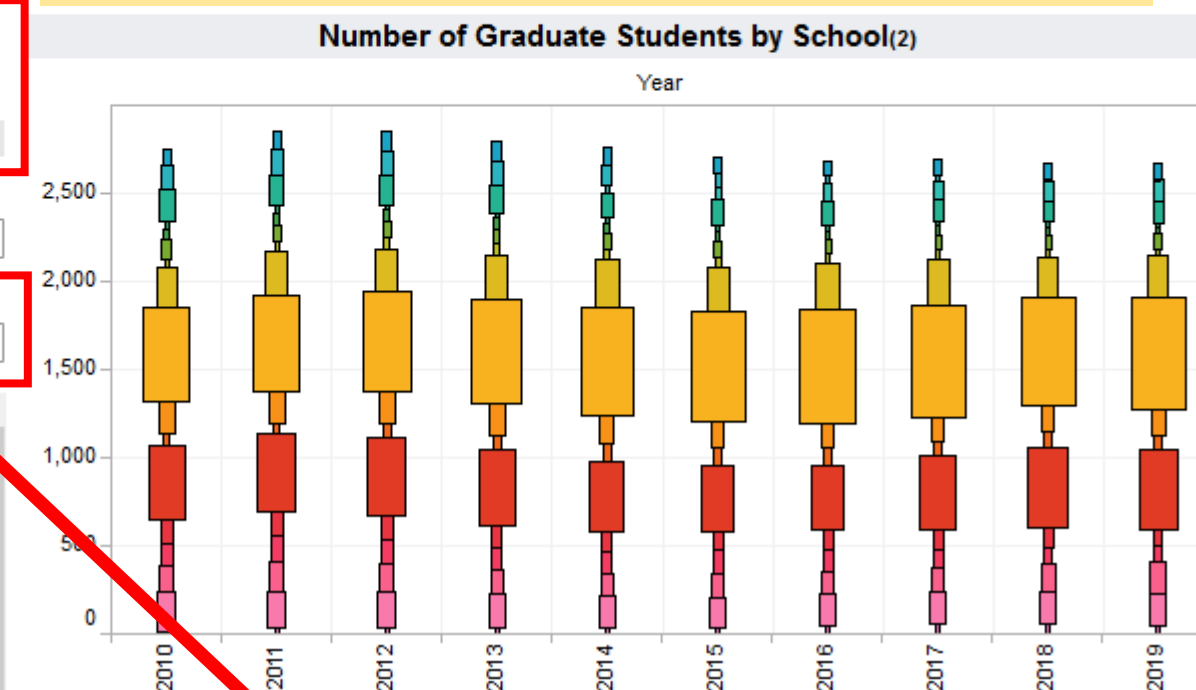
☒ (すべて)

☒ Women

☒ Men

Women Men

+ a b l e a u



Step4

Step4: In the "School" filter select "Graduate School of Science" and "Graduate School of Engineering"

School

(複数の値)

300

- ☐ (すべて)
- ☐ Graduate School of Humanities
- ☐ Graduate School of Social and Cultural Studies
- ☐ Graduate School of Integrated Sciences for Global Society
- ☐ Graduate School of Human-Environment Studies
- ☐ Graduate School of Law
- ☐ Graduate School of Economics
- ☒ Graduate School of Science
- ☐ Graduate School of Mathematics
- ☐ Graduate School of Systems Life Sciences
- ☐ Graduate School of Medical Sciences
- ☐ Graduate School of Dental Science
- ☐ Graduate School of Pharmaceutical Sciences
- ☒ Graduate School of Engineering
- ☐ Graduate School of Design
- ☐ Graduate School of Information Science and Electrical Engineering
- ☐ Interdisciplinary Graduate School of Engineering Sciences
- ☐ Graduate School of Bioresource and Bioenvironmental Sciences
- ☐ Graduate School of Integrated Frontier Sciences

By using the filter feature, you can restrict the table to two selected schools: the “Graduate School of Science” and the “Graduate School of Engineering”.

Program

☐ Master's programs

☐ Professional degree programs

☒ Doctoral programs

Year

(すべて)

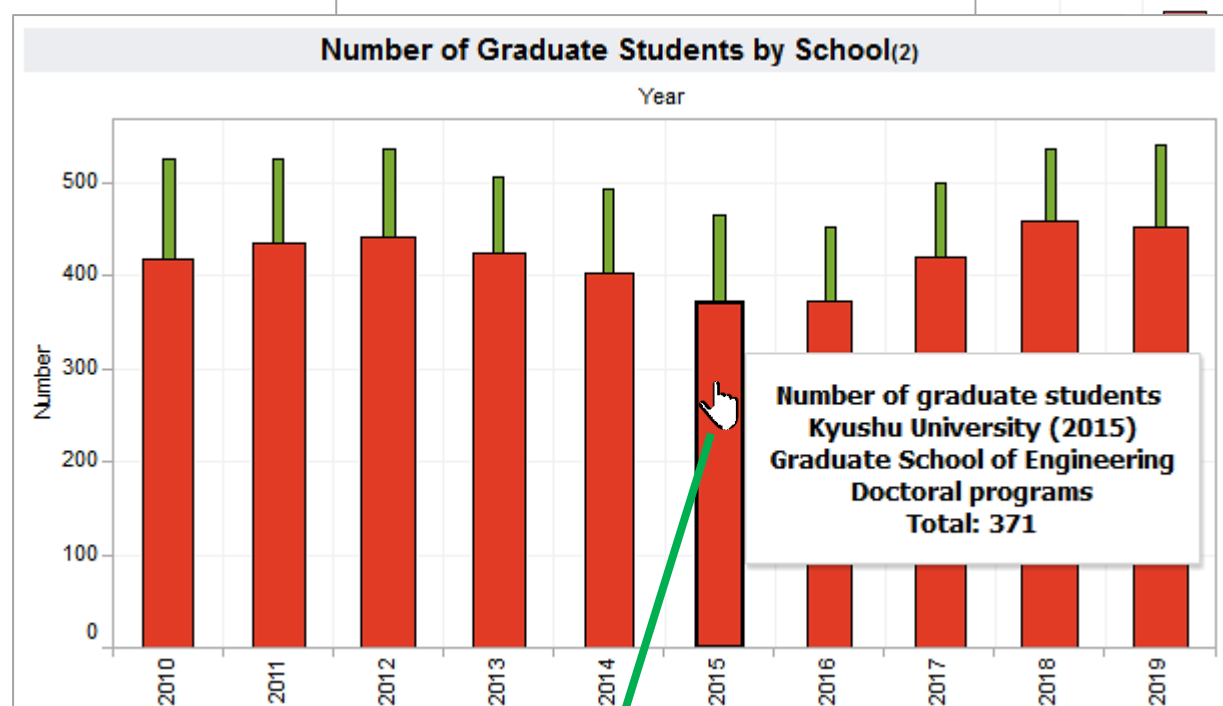
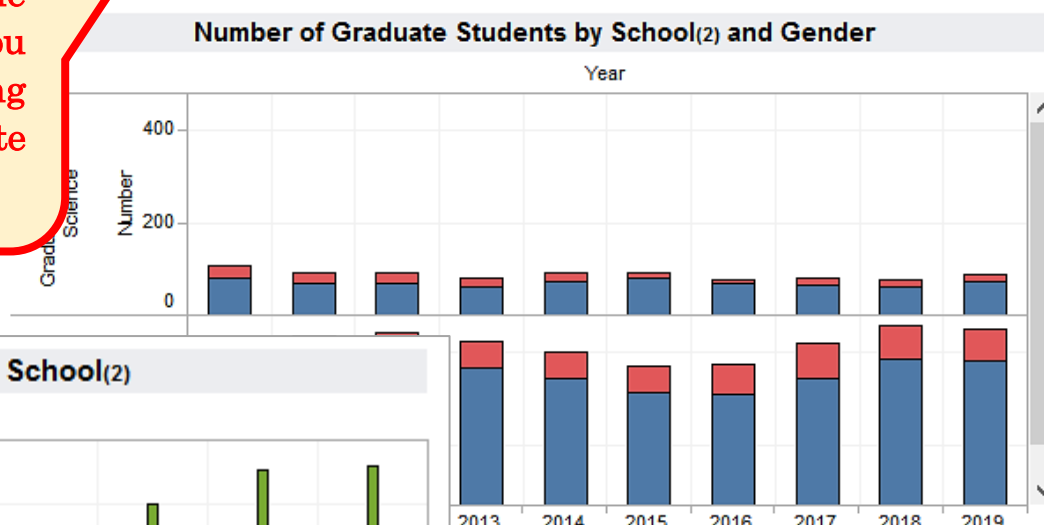
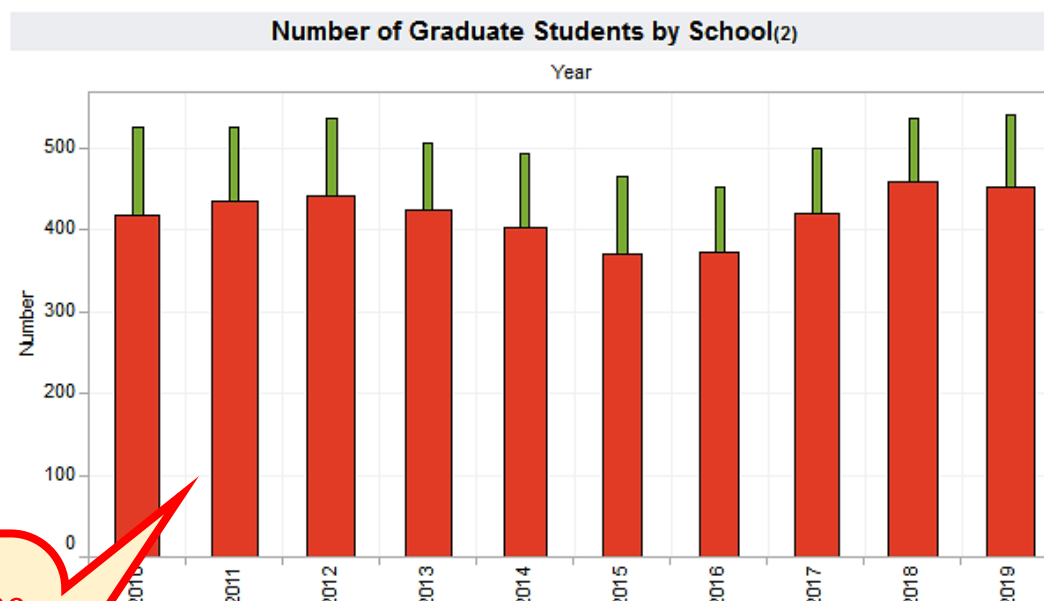
School

(複数の値)

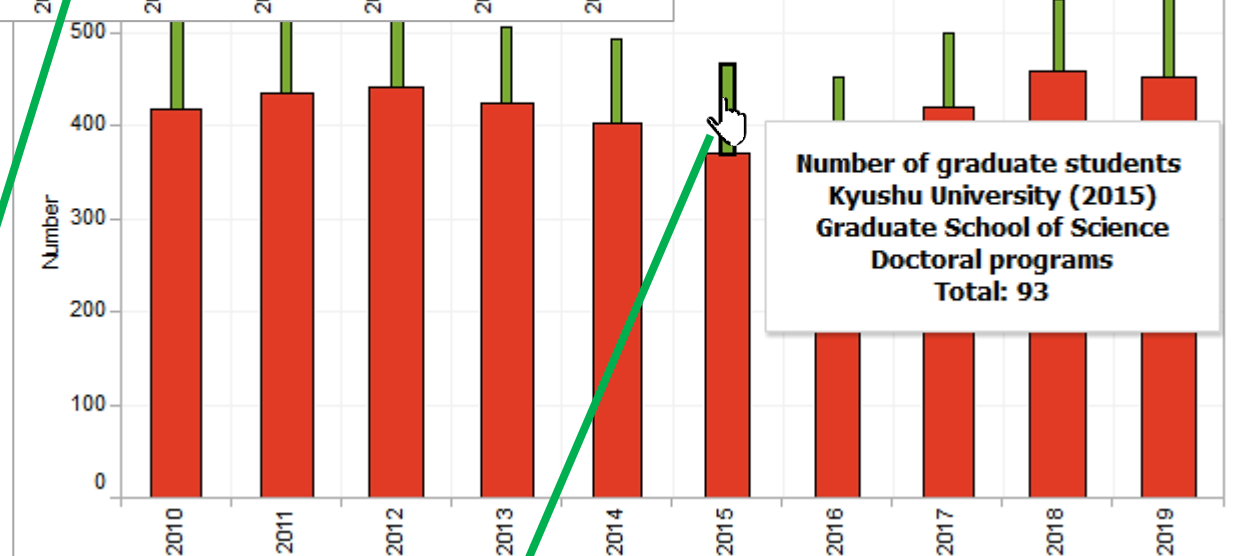
☒ Graduate School of Science

☒ Graduate School of Engineering

< Number of Graduate Students Number of Graduate Students by School and Gender >



Number of graduate students
Kyushu University (2015)
Graduate School of Engineering
Doctoral programs
Total: 371



Number of graduate students
Kyushu University (2015)
Graduate School of Science
Doctoral programs
Total: 93

The area of the bars on the table represent the quantity of students from the two schools: You can see the “Graduate School of Engineering (red)” has more students than the “Graduate School of Science (green)”.

When you hover the mouse pointer over the table you can view more detailed information.

Comparing the PDF version and the interactive version:



PDF version:
You must manually search the table for Graduate School of Science and Graduate School of Engineering (which is hard work and the text is small!). The graph for the Graduate School of Science is on page 76 and the Graduate School of Engineering graph is on page 77, while at the same time due to both graphs having a different vertical axis what appears to be similar bars actually contains very different statistics.

Interactive version:
As long as you use the filter feature, you can very easily find the necessary information. Also, it is very suitable for making comparisons as you are able to change the table according to the requirements.



Example 2

How to check how much change the university’s entire revenue has changed since ten years ago?

For example, checking which specific revenue has increased?

9. Research

[I . Trends across Kyushu University as a Whole Based on Field Classification of Journals \(Pdf\)](#)

[II . Comparisons of Publication Quantity and Quality](#)

[III . International Co-authored Publications](#)

[IV . International Co-authorship with Institutions Worldwide \(link\)](#)

10. International

[I . Exchanges with Universities Overseas](#)

[II . Study Overseas by Kyushu University Students](#)

[III . Acceptance of Inbound Students](#)

11. Industry-University-Government Collaboration

[I . Joint Collaborative Research and Funded Research](#)

[II . Intellectual Property and Industry-University-Government Collaboration](#)

12. University Hospital

13. Finance

I . Budgeted Income and Expenditure

[II . JSPS Grants-in-Aid for Scientific Research \(KAKEN\)](#)

[14. Selection of Research Programs and Educational Programs](#)

Step1: Select “13. Finance - I . Budgeted Income and Expenditure” from the table of contents

13. Finance - I . Budgeted Income and Expenditure

[← Previous: 12. University Hospital](#)

[Next: 13. Finance - II . JSPS Grants-in-Aid for Scientific Research \(KAKEN\)](#)

[Back to Top Page](#)

Income and Expenditure: Overall

Income and Expenditure: Breakdown

Budgeted Income and Expenditure: Kyushu University

Year	Budgeted income	Budgeted expenditure
2010	105,000	105,000
2011	108,000	108,000
2012	110,000	110,000
2013	115,000	115,000
2014	118,000	118,000
2015	120,000	120,000
2016	125,000	125,000
2017	130,000	130,000
2018	128,000	128,000
2019	125,000	125,000

Budgeted Income and Expenditure: Comparison with Other National Universities, 2018

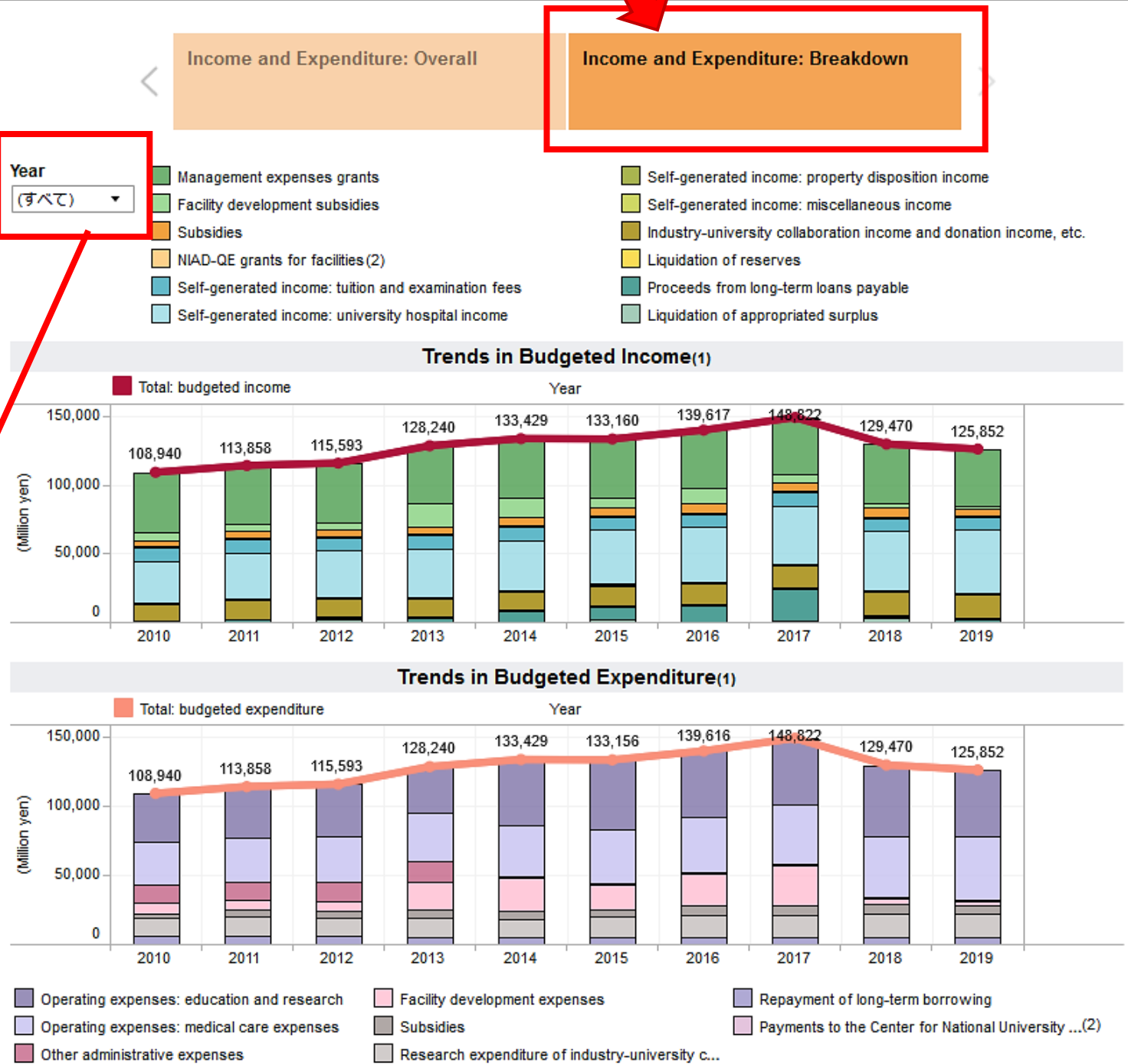
University	Budgeted income	Budgeted expenditure
The University of Tokyo	250,000	250,000
Kyoto University	160,000	160,000
Osaka University	140,000	140,000
Tohoku University	130,000	130,000
Kyushu University	125,000	125,000
Nagoya University	110,000	110,000
Hokkaido University	100,000	100,000

Step2: Click “Income and Expenditure: Breakdown” on the page that opens up

Step2

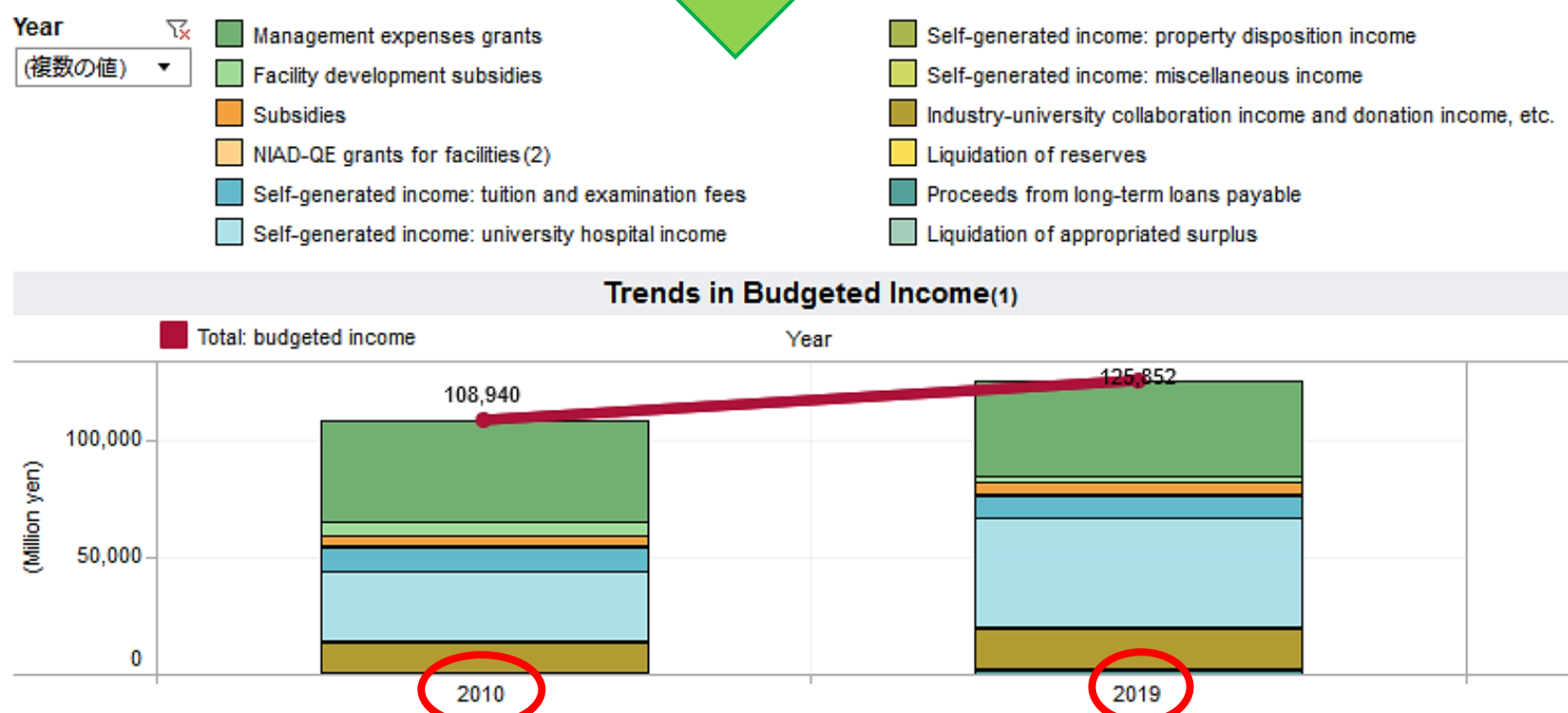
| 6

Step3

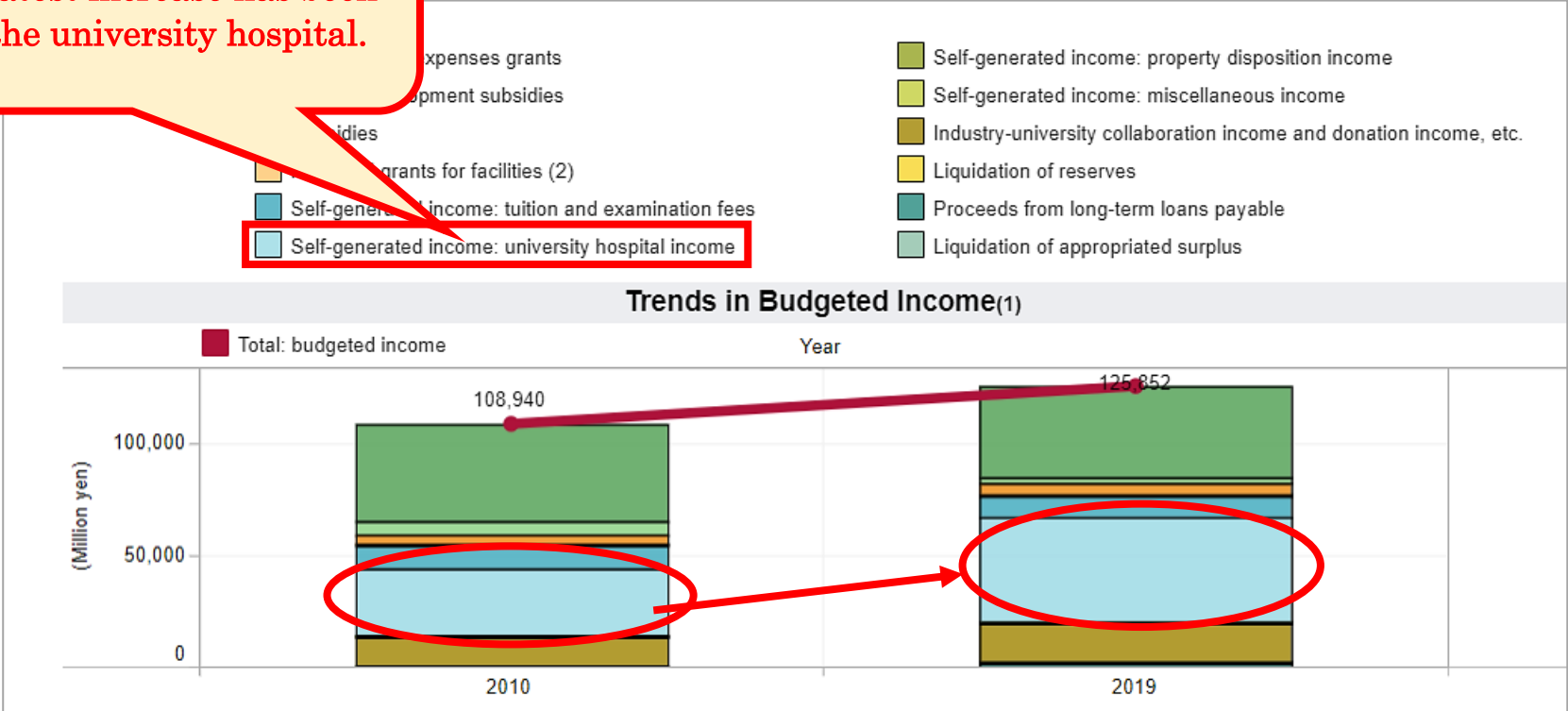


Step3: In the “Year” filter select “2010” and “2019”

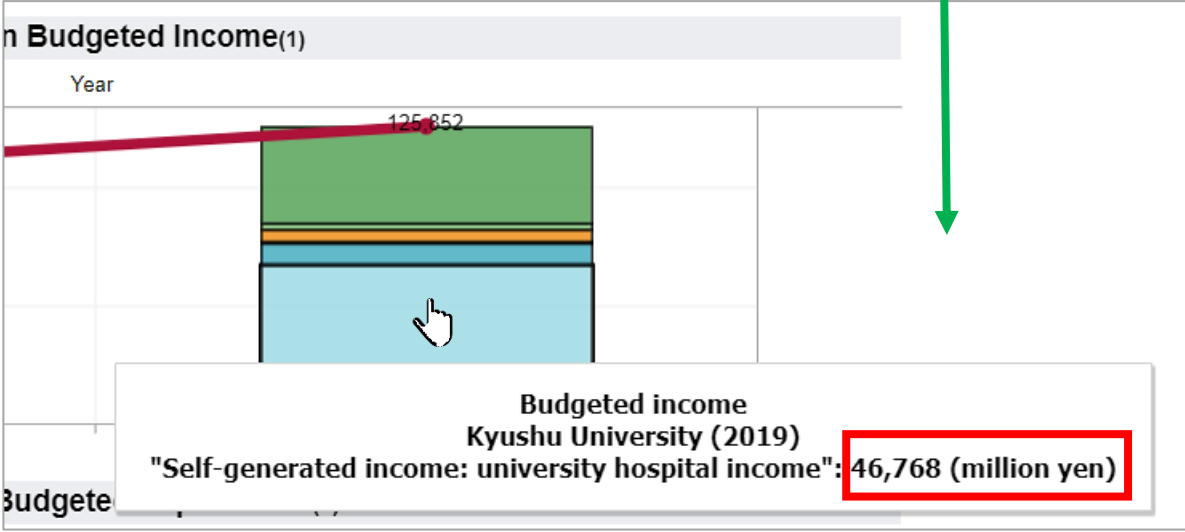
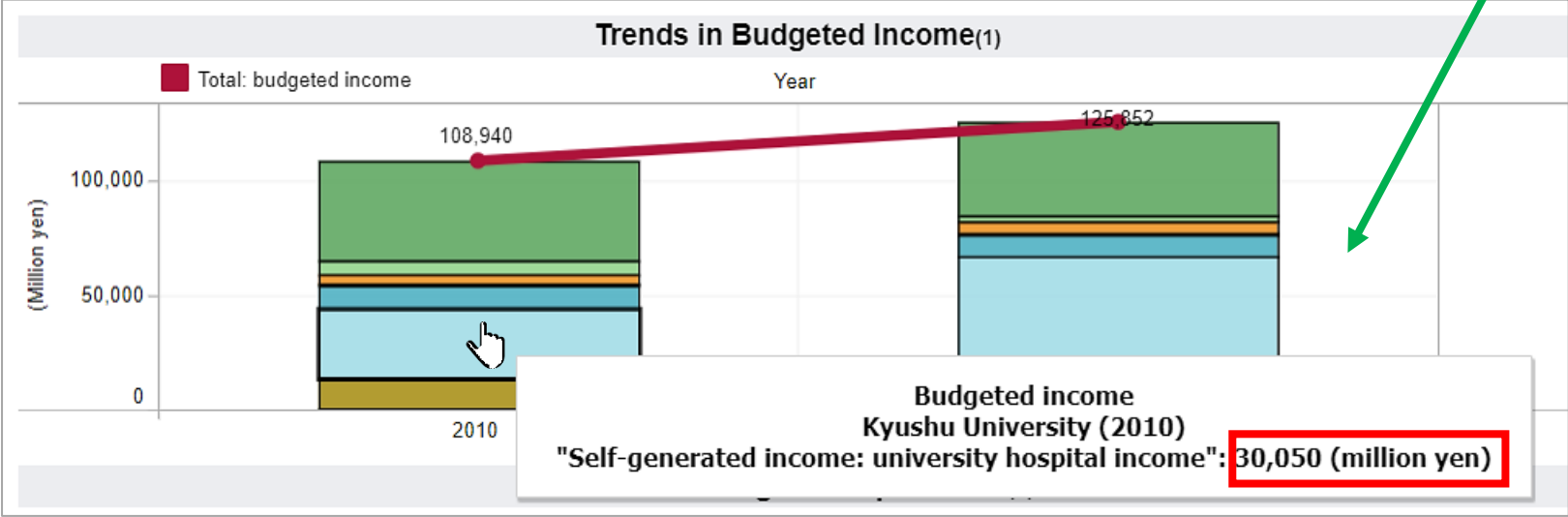
→ the table will then display the information only for 2010 and 2019



You can see the light blue part, which shows the greatest increase has been in income of the university hospital.

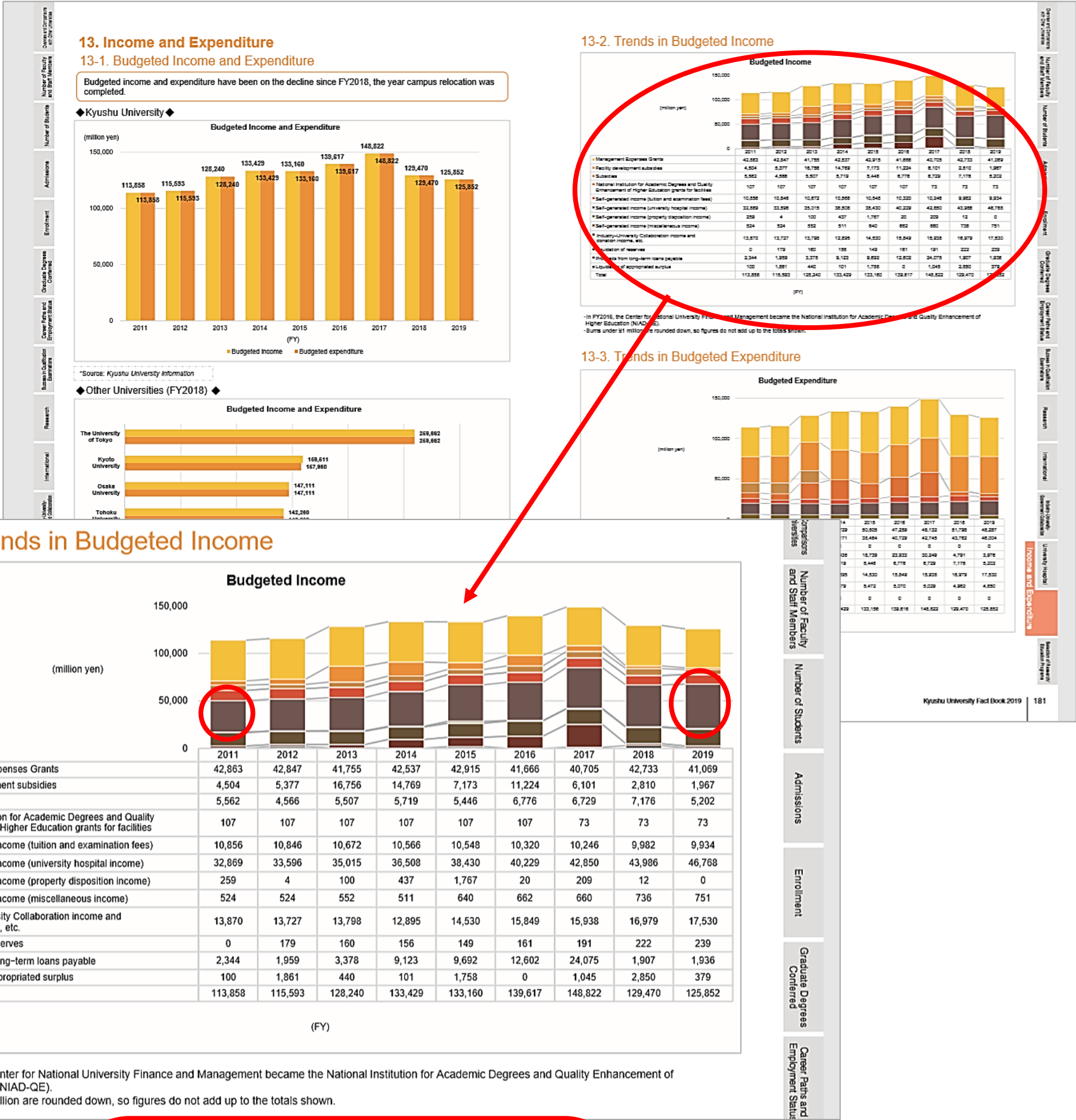


When you hover the mouse pointer over the table you can view more detailed information.



The university hospital's income has increased from 30,050 million yen in 2010 to 46,768 million yen in 2019, an increase of 1.5 times.

Comparing the PDF version and the interactive version:



Example 3

How to know whether our university's donation income is large or small? For example, to check our university's donation income in comparison to other national universities.

| 9

9. Research

- [I. Trends across Kyushu University as a Whole Based on Field Classification of Journals \(Pdf\)](#)
- [II. Comparisons of Publication Quantity and Quality](#)
- [III. International Co-authored Publications](#)
- [IV. International Co-authorship with Institutions Worldwide \(link\)](#)

10. International

- [I. Exchanges with Universities Overseas](#)
- [II. Study Overseas by Kyushu University Students](#)
- [III. Acceptance of Inbound International Students](#)

11. Industry-University-Government Collaboration

- [I. Joint Collaborative Research and Funded Research](#)
- [II. Intellectual Property and Technology Transfer](#)

12. University Hospital

13. Finance

- [I. Budgeted Income and Expenditure](#)
- [II. JSPS Grants-in-Aid for Scientific Research \(KAKENHI\), Donation Income and Industry-Academia Collaboration Income](#)

14. Selection of Research Programs and Educational Programs

Step 1: choose “13. Finance - II. JSPS Grants-in-Aid for Scientific Research (KAKENHI), Donation Income and Industry-Academia Collaboration Income” from the contents menu

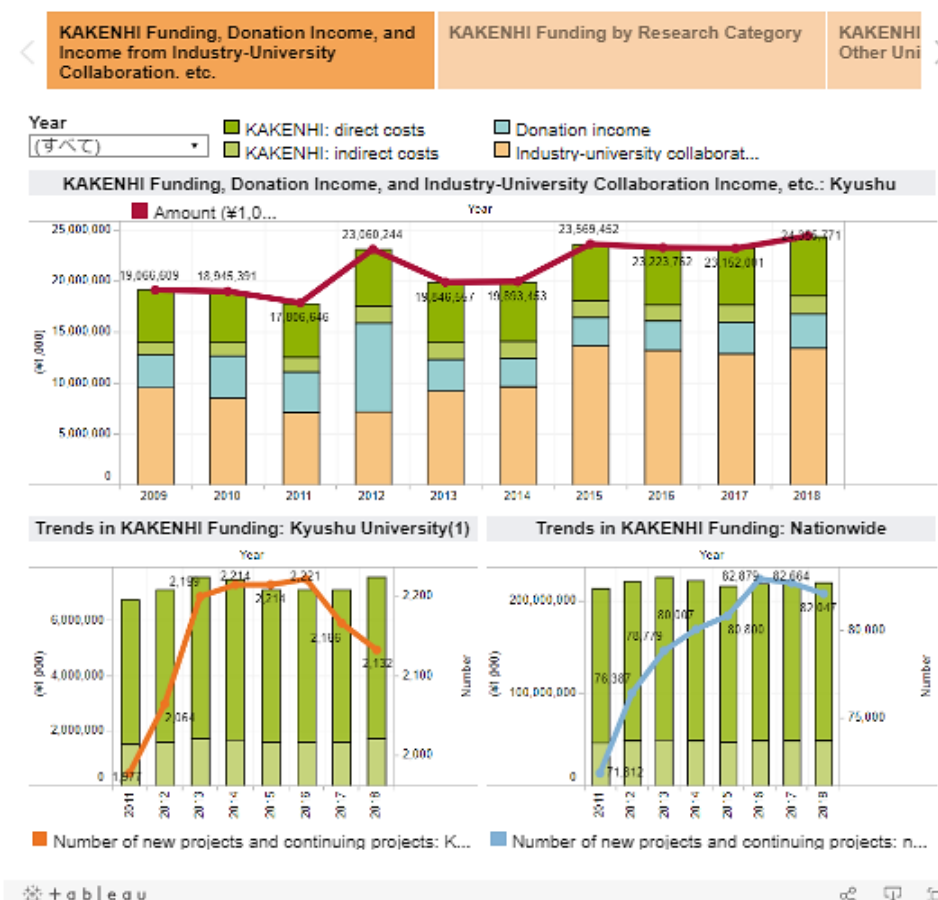
Step 1

13. Finance - II. JSPS Grants-in-Aid for Scientific Research (KAKENHI), Donation Income and Industry-Academia Collaboration Income

[Previous: 13. Finance - I. Budgeted Income and Expenditure](#)

[Next: 14. Selection of Research Programs and Educational Programs \(Pdf\)](#)

[Back to Top Page](#)



Step 2: Scroll to the far right, choose the “Donation Income and Industry-Academia Collaboration Income” tab

Step 2

Step 3

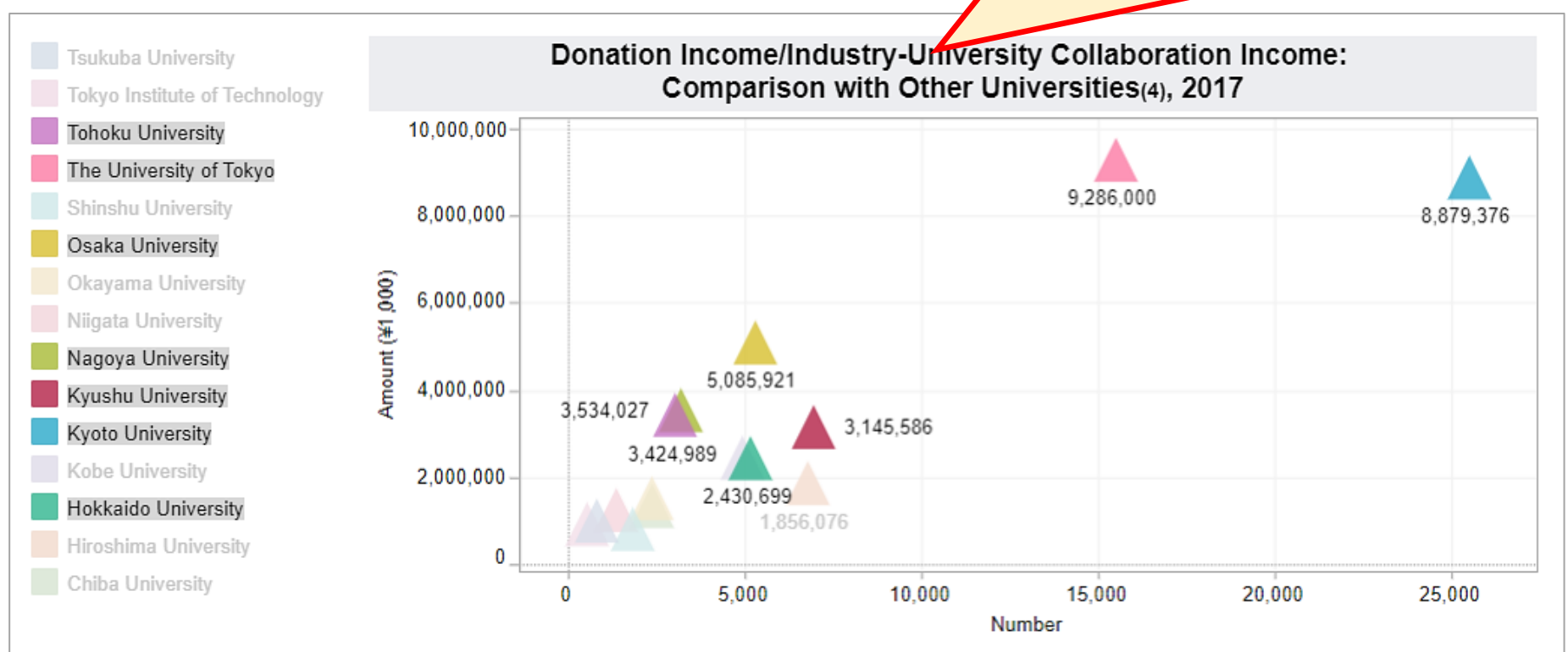
Step 3: Under the “Category” filter select “Donation income”

Step 4

Step 4: Press “Ctrl” and choose the 7 national universities

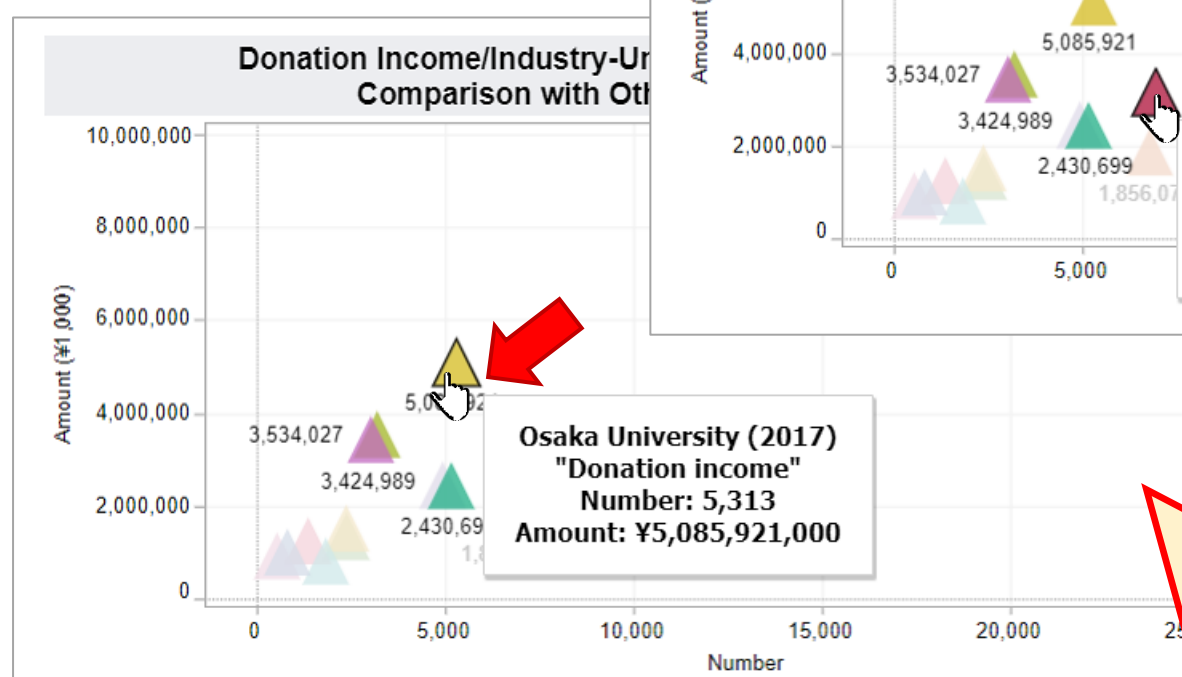
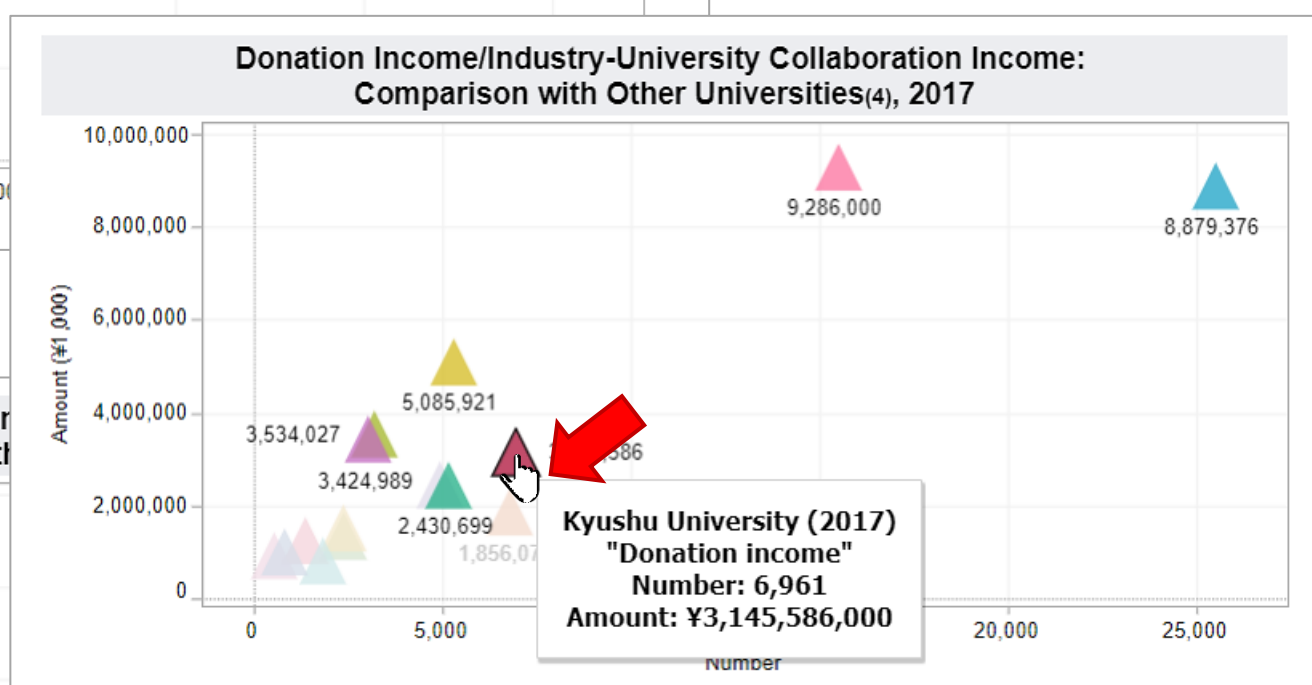
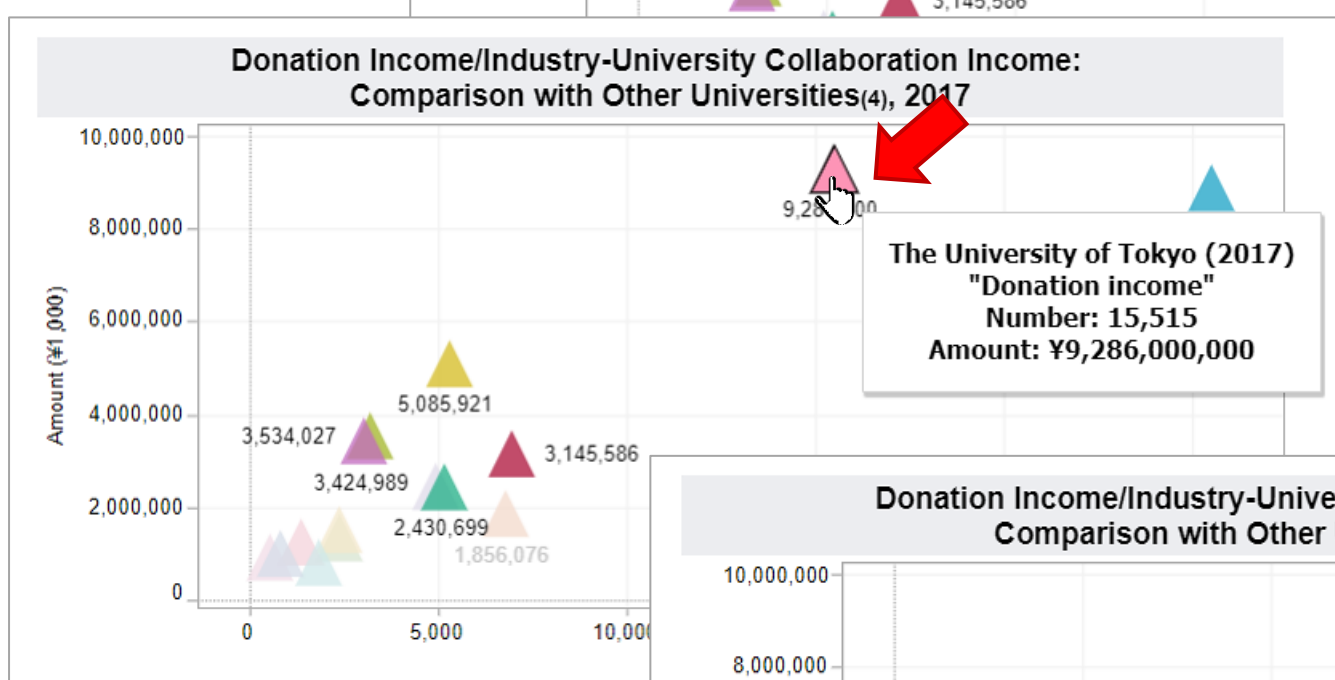
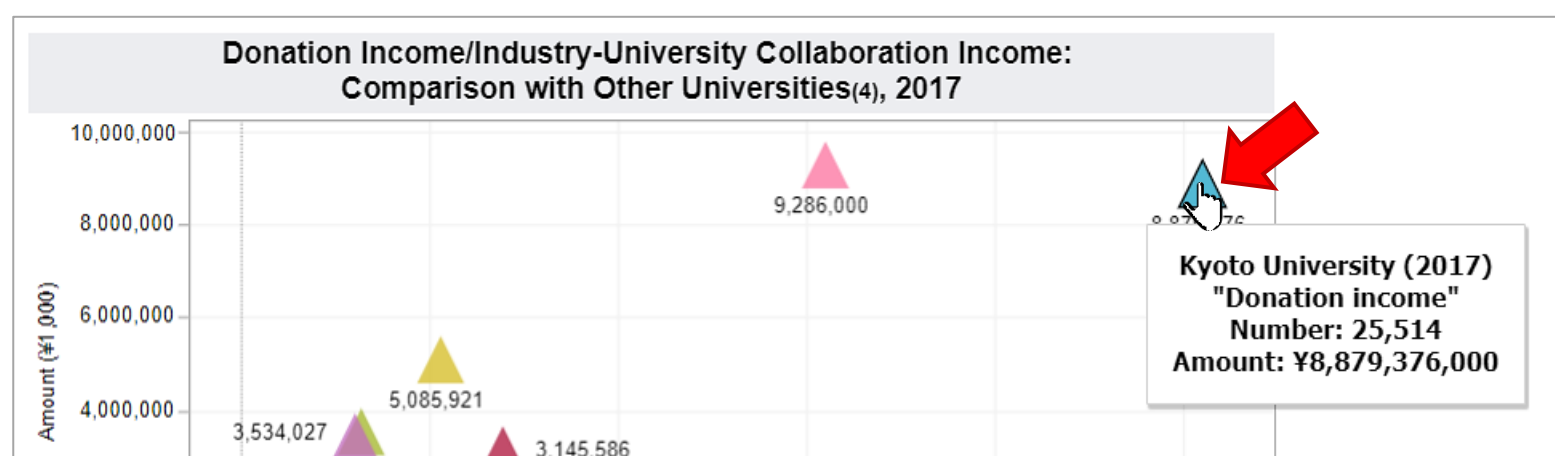
The 7 national universities you have chosen will appear highlighted on the table. You can clearly see our university’s position within the list of 7 national universities.

10



Move the mouse over the \triangle and you can see each university's specific information.

| 11



You can see that within the 7 national universities, Kyoto University and The University of Tokyo have received the number of donations and the amount of donation income is much more than the other 5 universities.

Within the remaining 5 universities, our university's number of donations is the most, but at the same time you can see our donation income amount is relatively small.

Comparing the PDF version and the interactive version:

13-5-3. Comparison of Projects Funded by KAKENHI Grants-in-Aid for Scientific Research with Other Universities

The tables below show the rankings of the top 10 institutions for various indicators among the 1,314 institutions whose projects were selected to receive a KAKENHI Grant-in-Aid in FY2018.

◆New+Continuing◆

Number of Projects Selected			Percentage of Women			Percentage of Young Researchers		
Rank	Institution	Number	Rank	Institution	Percentage (%)	Rank	Institution	Percentage (%)
1	The University of Tokyo	3,823	1	University of Tsukuba	18.4%	1	The University of Tokyo	28.2%
2	Kyoto University	3,900	2	Hiroshima University	18.0%	2	Tohoku University	32.7%
3	Osaka University	2,472	3	Kobe University	18.0%	3	Osaka University	32.4%
4	Tohoku University	2,385	4	Nagoya University	15.9%	4	Kyushu University	31.3%
5	Kyushu University	1,852	5	The University of Tokyo	14.8%	5	Kyoto University	28.4%
6	Nagoya University	1,741	6	Osaka University	14.5%	6	Nagoya University	28.2%
7	Hokkaido University	1,610	7	Kyushu University	14.4%	7	Hokkaido University	25.3%
8	University of Tsukuba	1,226	8	Hokkaido University	14.4%	8	University of Tsukuba	25.4%
9	Kobe University	1,143	9	Tohoku University	12.1%	9	Kobe University	25.4%
10	Hiroshima University	1,094	10	Kyoto University	12.3%	10	Hiroshima University	23.2%

Sum Allocated

Rank	Institution	Sum Allocated (¥1,000)	Indirect costs (¥1,000)	Total (¥1,000)
1	The University of Tokyo	16,683,093	5,004,928	21,688,021
2	Kyoto University	10,554,750	3,166,425	13,721,175
3	Osaka University	9,135,239	2,440,572	10,575,811
4	Tohoku University	7,508,050	2,252,415	9,760,465
5	Nagoya University	5,860,558	1,758,167	7,618,725
6	Kyushu University	5,774,154	1,722,548	7,496,702
7	Hokkaido University	4,656,900	1,397,070	6,053,970
8	University of Tsukuba	3,233,200	959,960	4,203,160
9	Kobe University	2,411,000	723,300	3,134,300
10	Hiroshima University	2,004,294	601,288	2,605,582

◆New◆

Number of Projects Selected			Percentage of Awards		
Rank	Institution	Number	Rank	Institution	Percentage of Awards (%)
1	The University of Tokyo	1,453	1	The University of Tokyo	27.4%
2	Kyoto University	1,035	2	Kyoto University	27.1%
3	Osaka University	937	3	Osaka University	22.8%
4	Tohoku University	845	4	Nagoya University	20.9%
5	Kyushu University	874	5	Kobe University	20.1%
6	Nagoya University	806	6	Tohoku University	20.0%
7	Hokkaido University	569	7	Hokkaido University	25.7%
8	University of Tsukuba	420	8	Kyushu University	25.2%

13-6. Trends in Donation Income

◆Kyushu University◆

◆Other Universities (FY2017)◆

13-7. Trends in Research Income from Industry-University Collaboration

13-7-1. Trends in Research Income from Industry-University Collaboration (Funded Research)

◆Kyushu University◆

◆Other Universities (FY2017)◆

13-7-2. Trends in Research Income from Industry-University Collaboration (Joint Collaborative Research)

◆Kyushu University◆

◆Other Universities (FY2017)◆

PDF version:

Although you can see the bubble which represents every university within the table, you are unable to see the specific information regarding the number of donations and the amount of donation income. Particularly in the bottom left corner, you will notice there are many universities clustered together and its very unclear.

Interactive version:

The interactive version can display much more information in one table, and at the same time the user can easily see the information they need.

If you need any help, don't hesitate to send us an email: kikir@jimu.kyushu-u.ac.jp