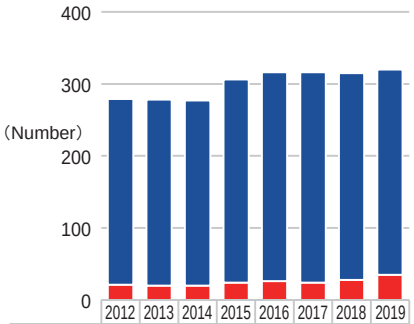
12. University Hospital

12-1. Number of Doctors, etc.

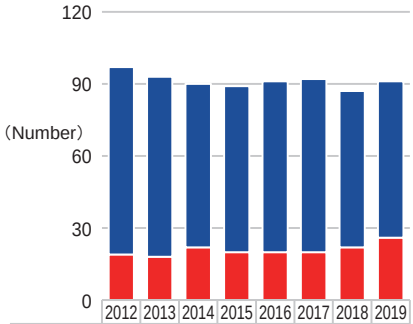
Number of Full-time Doctors



	2012	2013	2014	2015	2016	2017	2018	2019
Men	258	258	257	282	290	292	287	285
Women	21	20	20	24	26	24	28	35
Total	279	278	277	306	316	316	315	320

(FY)

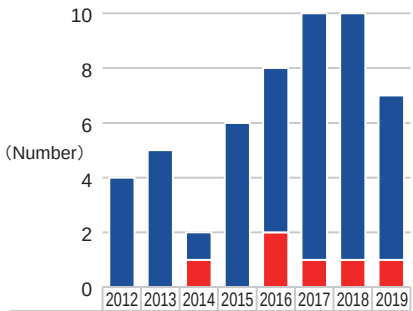
Number of Full-time Dentists



	2012	2013	2014	2015	2016	2017	2018	2019
Men	78	75	68	69	71	72	65	65
Women	19	18	22	20	20	20	22	26
Total	97	93	90	89	91	92	87	91

(FY)

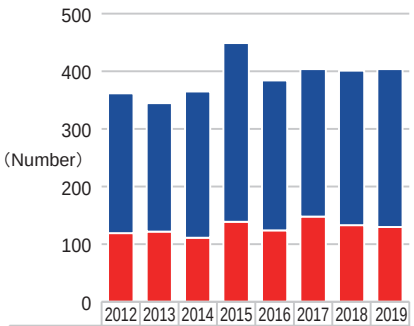
Number of Other Full-time Teaching Staff (Teaching staff who do not hold a license to practice medicine or dentistry in Japan)



	2012	2013	2014	2015	2016	2017	2018	2019
Men	4	5	1	6	6	9	9	6
Women	0	0	1	0	2	1	1	1
Total	4	5	2	6	8	10	10	7

(FY)

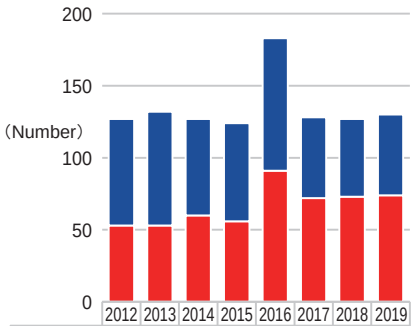
Number of Part-time Doctors



	2012	2013	2014	2015	2016	2017	2018	2019
Men	243	223	254	310	260	256	268	274
Women	119	122	111	139	124	148	133	130
Total	362	345	365	449	384	404	401	404

(FY)

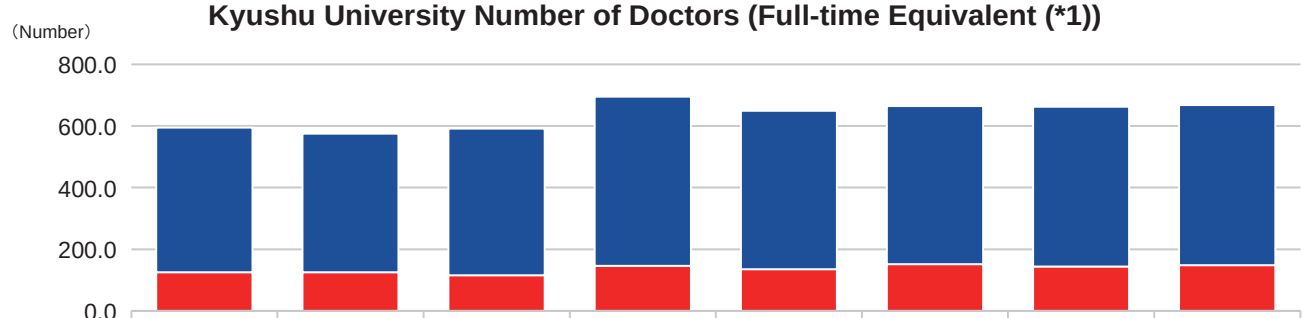
Number of Part-time Dentists



	2012	2013	2014	2015	2016	2017	2018	2019
Men	74	79	67	68	92	56	54	56
Women	53	53	60	56	91	72	73	74
Total	127	132	127	124	183	128	127	130

(FY)

Kyushu University Number of Doctors (Full-time Equivalent (*1))



	2012	2013	2014	2015	2016	2017	2018	2019
Men	470.0	449.2	476.2	549.0	514.4	514.0	518.2	520.4
Women	124.8	125.6	115.4	146.4	134.8	151.0	143.8	147.8
Total	594.8	574.8	591.6	695.4	649.2	665.0	662.0	668.2

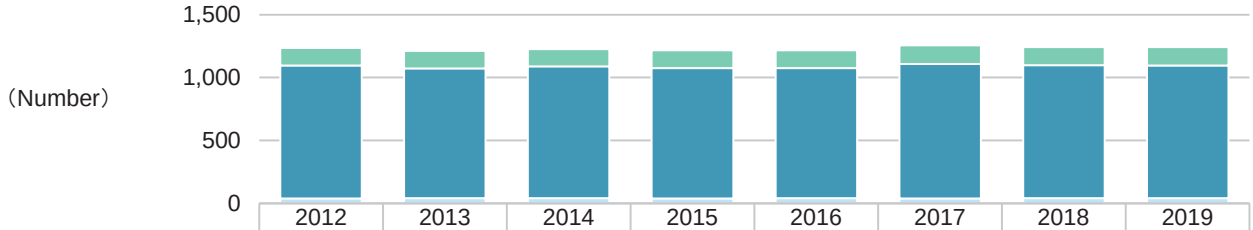
(FY)

- Includes all, regardless of whether they are affiliated to an undergraduate school or the university hospital, and of whether they are on a fixed-term contract or not.
- The figure obtained by converting part-time employee numbers into the equivalent number of full-time employees.
  Formula converting to full-time (*1) = number of full-time employees + (hours worked by part-time employees/the number of hours that should be worked by full-time employees) *the number of part-time employees.

*Source: University Hospital Data (Medical Care and Organization) Questionnaire (excludes Kyushu University Beppu Hospital)

12-2. Nursing Staff, etc.

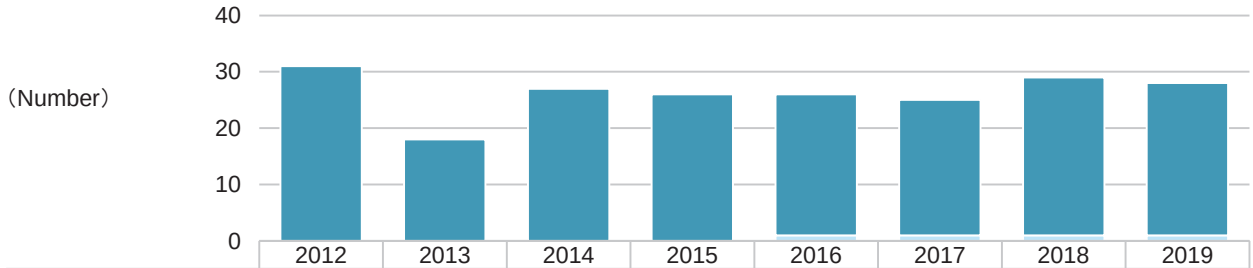
Number of Full-time Nurses, etc. (Actual)



	2012	2013	2014	2015	2016	2017	2018	2019
Nurse Administrators	138	139	137	141	141	147	142	145
Nurses	1,058	1,033	1,050	1,037	1,036	1,069	1,058	1,056
Assistant Nurses	0	0	0	0	0	0	0	0
Midwives	39	40	40	39	40	39	41	40
Public Health Nurses	0	0	0	0	0	0	0	0
Total	1,235	1,212	1,227	1,217	1,217	1,255	1,241	1,241

(FY)

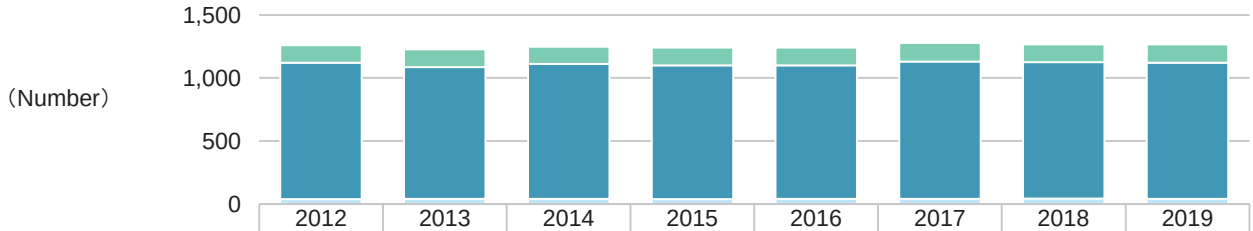
Number of Part-time Nurses, etc. (Actual)



	2012	2013	2014	2015	2016	2017	2018	2019
Nurses	31	18	27	26	25	24	28	27
Assistant Nurses	0	0	0	0	0	0	0	0
Midwives	0	0	0	0	1	1	1	1
Public Health Nurses	0	0	0	0	0	0	0	0
Total	31	18	27	26	26	25	29	28

(FY)

Number of Full-time Nurses, etc. (Full-time Equivalent (*1))



	2012	2013	2014	2015	2016	2017	2018	2019
Nurse Administrators	138.0	139.0	137.0	141.0	141.0	147.0	142.0	145.0
Nurses	1,082.8	1,047.4	1,071.6	1,060.2	1,058.2	1,090.1	1,082.9	1,079.9
Assistant Nurses	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Midwives	39.0	40.0	40.0	39.0	41.0	40.0	42.0	41.0
Public Health Nurses	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total	1,259.8	1,226.4	1,248.6	1,240.2	1,240.2	1,277.1	1,266.9	1,265.9

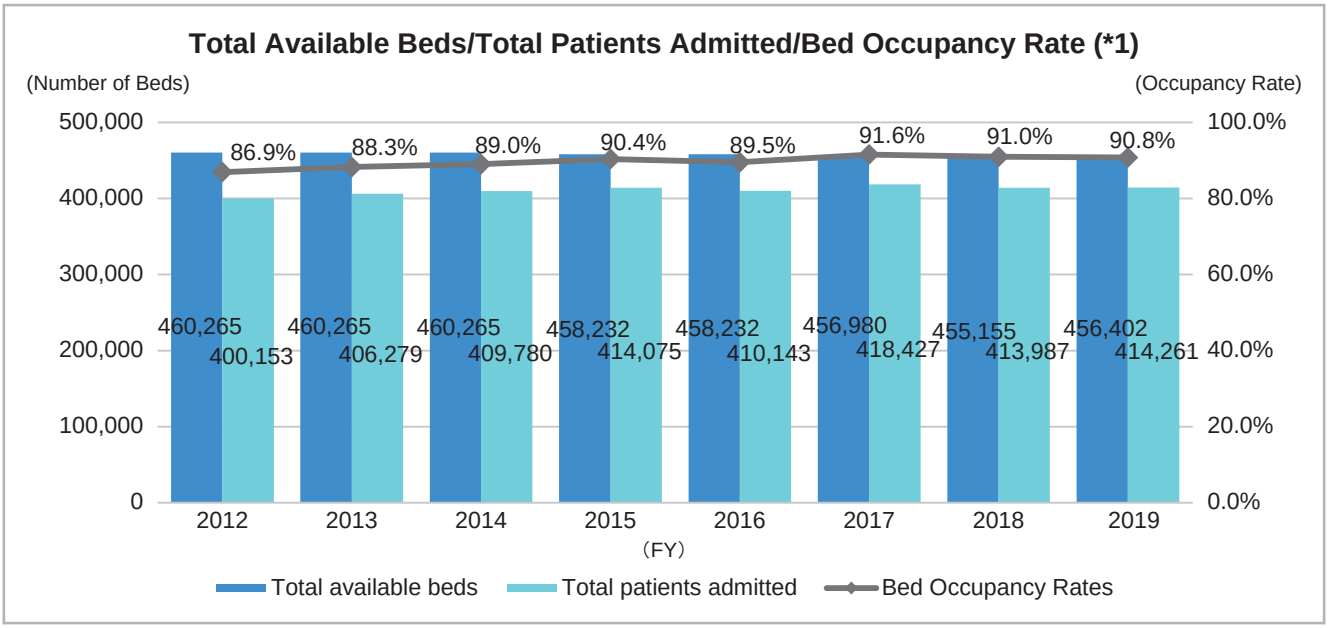
(FY)

・The figure obtained by converting part-time employee numbers into the equivalent number of full-time employees.
Formula converting to full-time (*1) = number of full-time employees + (hours worked by part-time employees/the number of hours that should be worked by full-time employees) *the number of part-time employees

*Source: University Hospital Data (Medical Care and Organization) Questionnaire (excludes Kyushu University Beppu Hospital)

12-3. Bed Utilization Rates

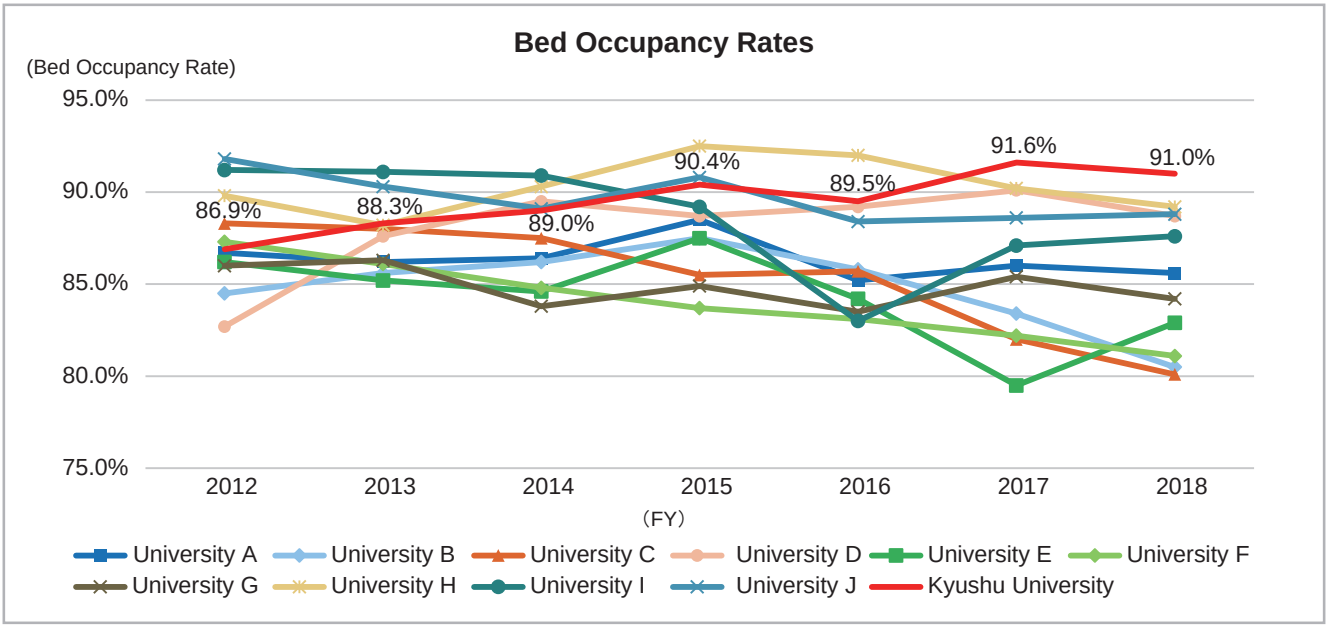
◆Kyushu University◆



(*1) Bed Occupancy Rates = Total patients admitted/Total available beds * 100
The bed occupancy rate is an indicator that shows how efficiently university hospital beds are being run. Figures closer to 100% indicate that there are no unused beds, which means that the available beds are in use. This is utilized as an indicator to show the quality of university hospital management.

*Source: University Hospital Data (Medical Care and Organization) Questionnaire (excludes Kyushu University Beppu Hospital)

◆Other University Hospitals◆



・Compared only to the University Hospital (not including centers and research institutes attached to the Hospital).

・According to “classification based on financial analysis of national university corporations” conducted by the National University Corporation Evaluation Committee, national universities composing Group A * and RU11 ** have been defined as the top 14 universities and ranked in order. Top 14 universities: Hokkaido University, Tohoku University, University of Tsukuba, Chiba University, The University of Tokyo, Tokyo Institute of Technology, Niigata University, Nagoya University, Kyoto University, Osaka University, Kobe University, Okayama University, Hiroshima University, Kyushu University (ordered by university number)

* Group A (13 universities): National university corporations with a student admission capacity of 10,000 students or more and possessing ten or more schools, etc. (For universities that employ academic schools, academic colleges and similar systems, only student admission capacity is considered.)

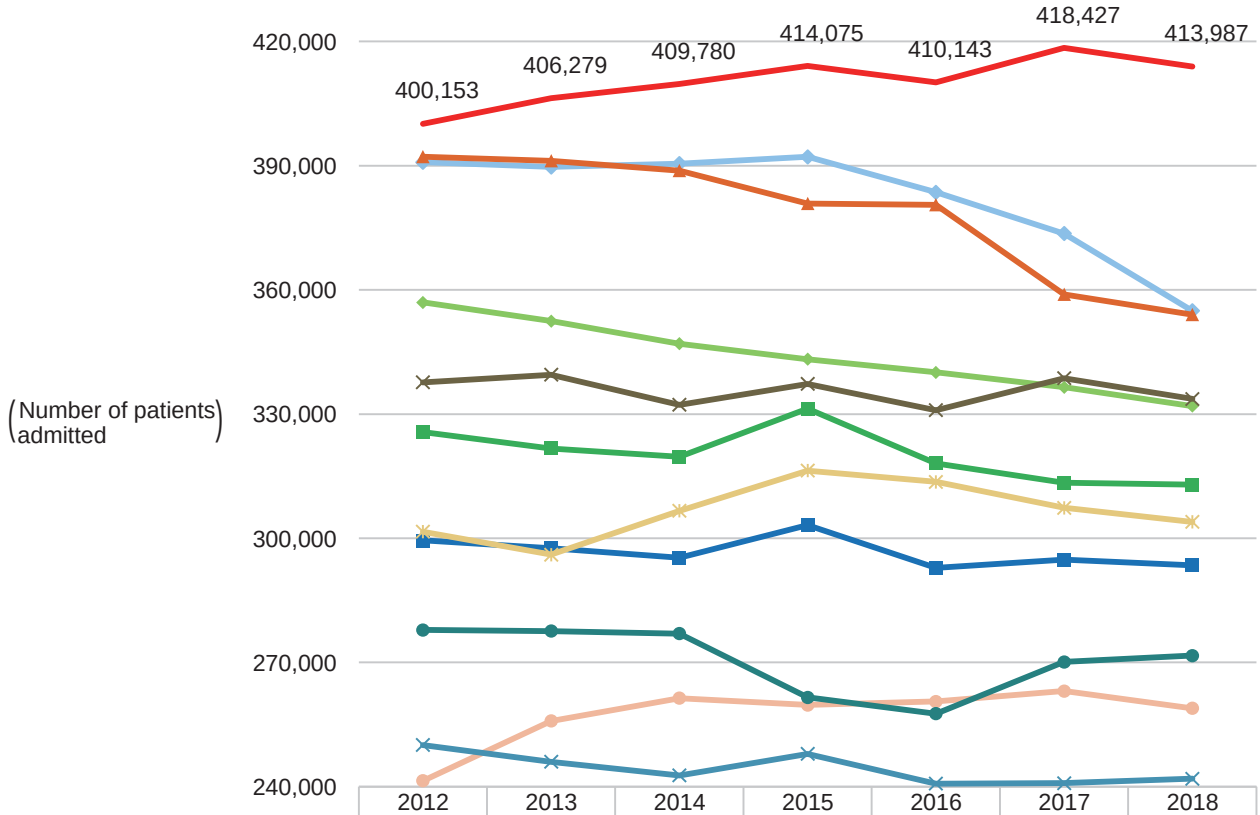
** RU11 (Research University 11) is a consortium that aims to develop academia via eleven universities:Hokkaido University, Tohoku University, University of Tsukuba, The University of Tokyo, Waseda University, Keio University, Tokyo Institute of Technology, Nagoya University, Kyoto University, Osaka University, and Kyushu University. RU11 is composed of both national and private universities.

*Source: Kyushu University, University Hospital Data (Medical Care and Organization) Questionnaire (excludes Kyushu University Beppu Hospital)
Other Universities, National University Hospital Data (FY2012-FY2018)

12-4. Trends in Number of Patients and Number of Operations

12-4-1. Trends in Number of Inpatients

◆Kyushu University and Other University Hospitals◆



	2012	2013	2014	2015	2016	2017	2018
University A	299,489	297,585	295,298	303,194	292,829	294,840	293,506
University B	390,829	389,680	390,518	392,134	383,579	373,588	354,939
University C	392,200	391,194	388,826	380,884	380,557	358,923	354,046
University D	241,426	255,893	261,381	259,739	260,590	263,088	258,937
University E	325,626	321,709	319,659	331,280	318,107	313,434	312,938
University F	356,990	352,463	347,016	343,241	340,085	336,501	331,926
University G	337,669	339,507	332,248	337,296	330,937	338,656	333,680
University H	301,603	296,054	306,620	316,334	313,616	307,378	303,965
University I	277,864	277,600	276,978	261,574	257,641	270,124	271,667
University J	250,077	246,012	242,706	247,929	240,745	240,839	241,911
Kyushu University	400,153	406,279	409,780	414,075	410,143	418,427	413,987

(FY)

・Compared only to the University Hospital (not including centers and research institutes attached to the Hospital).

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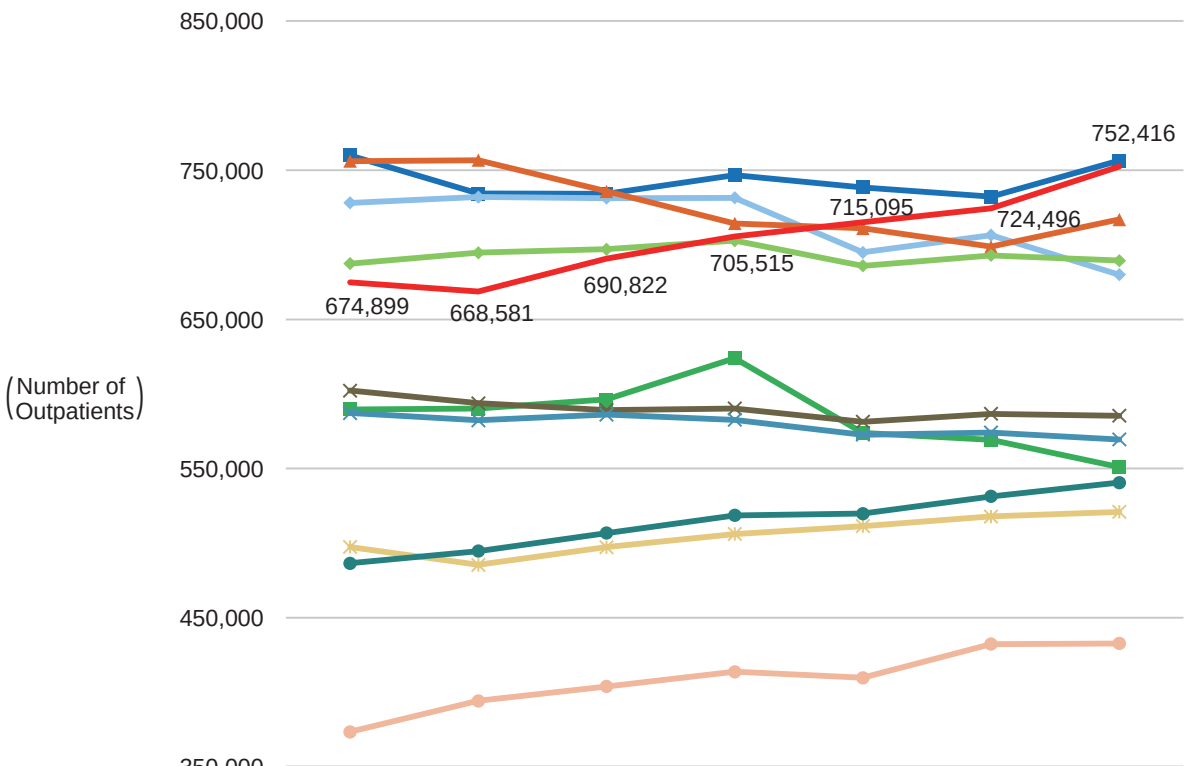
*Source: Medical Care Data from National University Hospitals (FY 2012-2018)

12-4-2. Trends in Number of Outpatients

◆Kyushu University and Other University Hospitals◆



	2012	2013	2014	2015	2016	2017	2018
University A	759,935	734,350	734,264	746,707	738,499	732,392	756,443
University B	728,071	731,998	731,260	731,527	694,923	706,495	679,946
University C	756,134	756,700	735,839	714,322	710,994	698,780	716,964
University D	373,383	394,183	403,826	413,744	409,717	432,323	432,673
University E	589,630	590,109	596,357	623,997	573,919	569,144	550,889
University F	687,391	694,712	697,027	702,727	685,863	692,946	689,351
University G	602,246	593,758	589,170	590,314	581,386	586,619	585,382
University H	497,358	485,380	497,226	506,125	511,338	517,806	520,917
University I	486,415	494,662	506,693	518,542	519,710	531,352	540,504
University J	587,224	582,318	586,136	582,676	572,703	574,117	569,436
Kyushu University	674,899	668,581	690,822	705,515	715,095	724,496	752,416

(FY)

・Compared only to the University Hospital (not including centers and research institutes attached to the Hospital).

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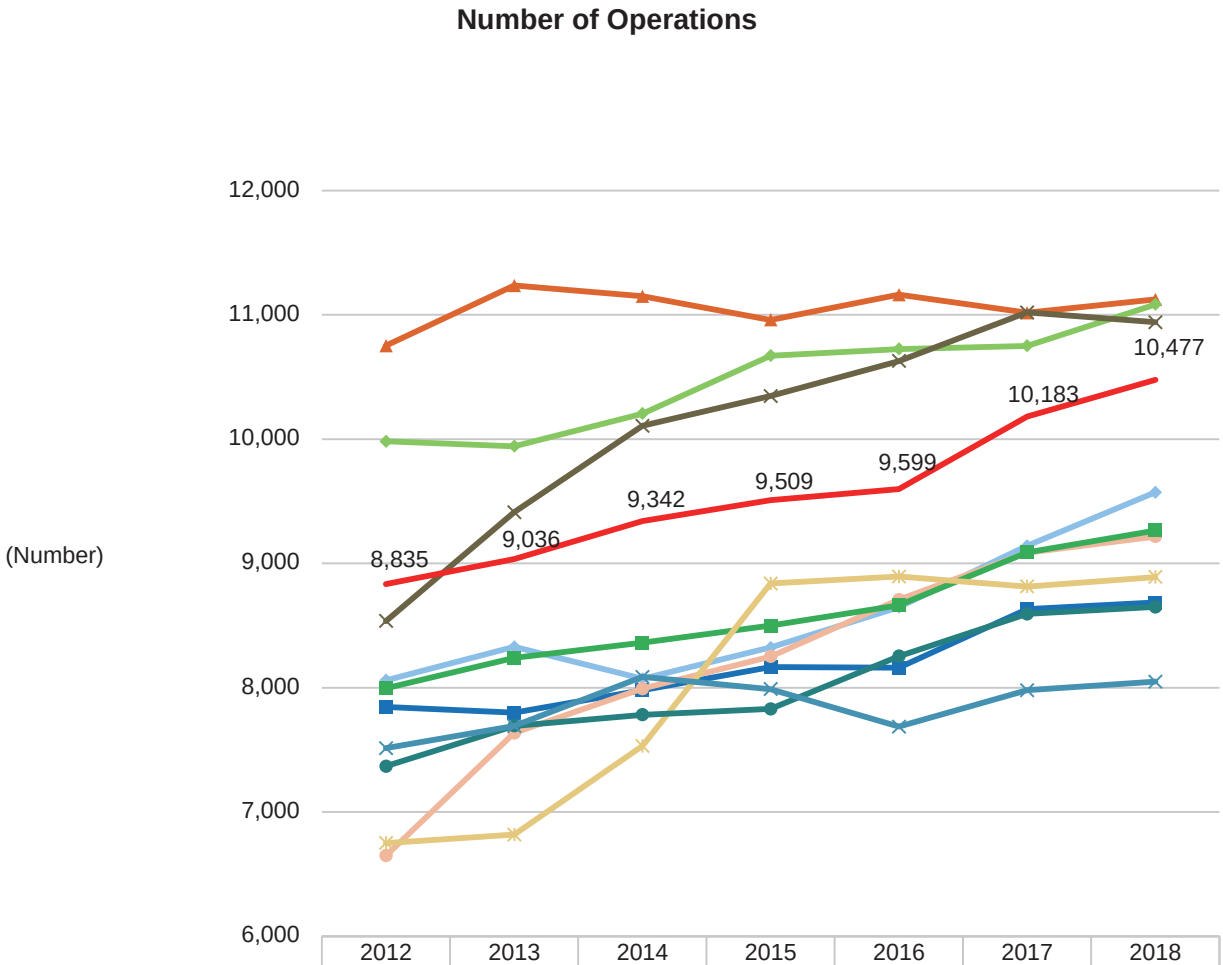
*Source: Medical Care Data from National University Hospitals (FY 2012-2018)

12-4-3. Trends in Number of Operations

◆Kyushu University and Other University Hospitals◆



	2012	2013	2014	2015	2016	2017	2018
University A	7,846	7,798	7,981	8,167	8,160	8,632	8,685
University B	8,060	8,328	8,071	8,323	8,648	9,141	9,572
University C	10,752	11,236	11,150	10,960	11,162	11,017	11,124
University D	6,648	7,635	7,992	8,251	8,708	9,087	9,217
University E	7,995	8,241	8,362	8,499	8,664	9,088	9,265
University F	9,982	9,943	10,205	10,672	10,725	10,751	11,084
University G	8,536	9,412	10,107	10,347	10,628	11,019	10,940
University H	6,750	6,818	7,531	8,838	8,894	8,814	8,890
University I	7,368	7,693	7,782	7,829	8,253	8,593	8,649
University J	7,513	7,691	8,087	7,988	7,687	7,980	8,048
Kyushu University	8,835	9,036	9,342	9,509	9,599	10,183	10,477

(FY)

・Compared only to the University Hospital (not including centers and research institutes attached to the Hospital).

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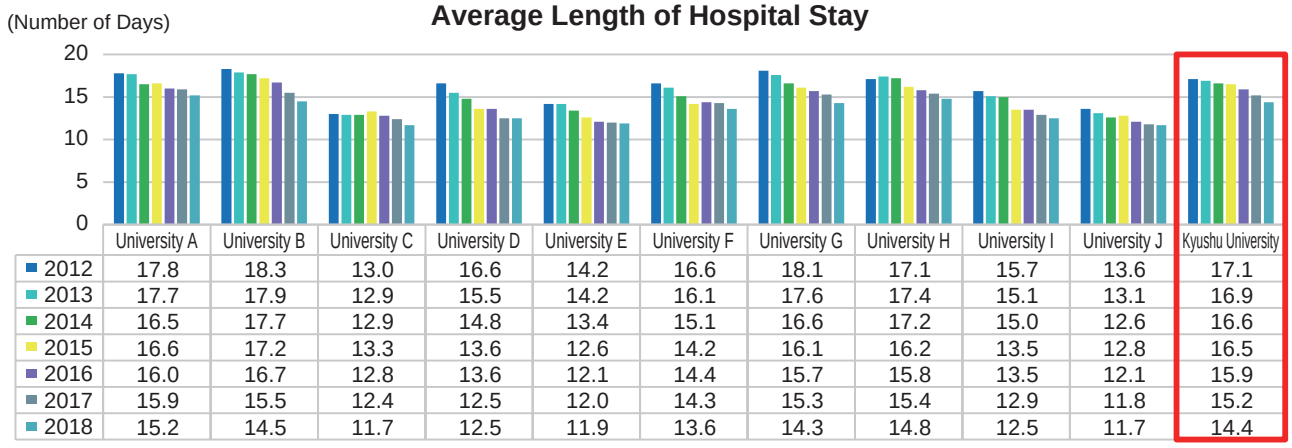
*Source: Medical Care Data from National University Hospitals (FY 2012-2018)

12-5. Trends in Average Length of Hospital Stay

◆Kyushu University and Other University Hospitals◆



	University A	University B	University C	University D	University E	University F	University G	University H	University I	University J	Kyushu University
2012	17.8	18.3	13.0	16.6	14.2	16.6	18.1	17.1	15.7	13.6	17.1
2013	17.7	17.9	12.9	15.5	14.2	16.1	17.6	17.4	15.1	13.1	16.9
2014	16.5	17.7	12.9	14.8	13.4	15.1	16.6	17.2	15.0	12.6	16.6
2015	16.6	17.2	13.3	13.6	12.6	14.2	16.1	16.2	13.5	12.8	16.5
2016	16.0	16.7	12.8	13.6	12.1	14.4	15.7	15.8	13.5	12.1	15.9
2017	15.9	15.5	12.4	12.5	12.0	14.3	15.3	15.4	12.9	11.8	15.2
2018	15.2	14.5	11.7	12.5	11.9	13.6	14.3	14.8	12.5	11.7	14.4

・Compared only to the University Hospital (not including centers and research institutes attached to the Hospital).

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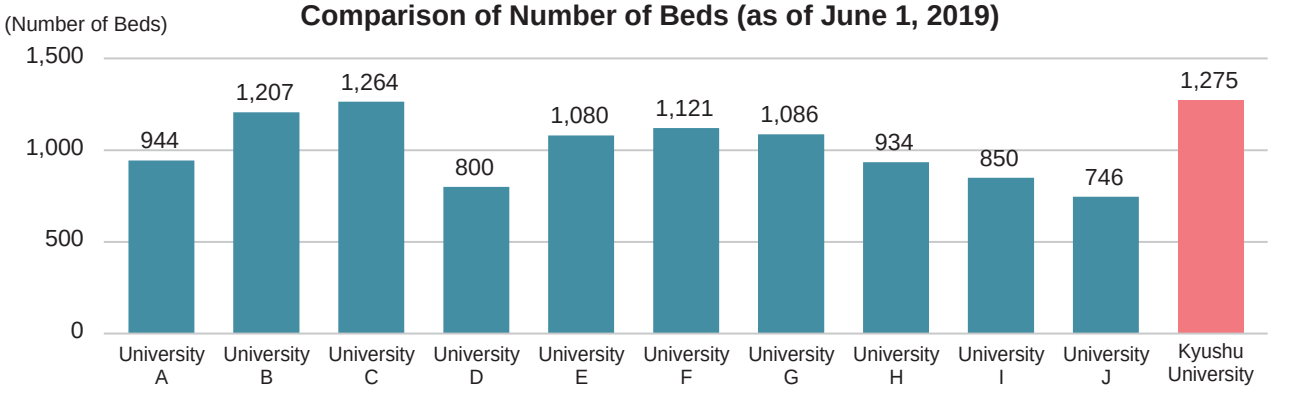
・Average length of hospital stay is an indicator of how many days each and every patient spent as an inpatient throughout the university hospital. The higher the level of guaranteed quality, and the higher the level of medical care efficiency, the shorter the average days stayed in hospital, so this is utilized as an indicator of the quality of university hospital management. Please note that the number of days stayed in hospital will vary depending on the type and severity of the patient’s condition, so simple comparisons are not possible.

*Source: Medical Care Data from National University Hospitals (FY 2012-2018)

12-6. Comparison of Number of Beds

◆Kyushu University and Other University Hospitals◆



・Compared only to the University Hospital (not including centers and research institutes attached to the Hospital).

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*Source: Medical Care Data from National University Hospitals