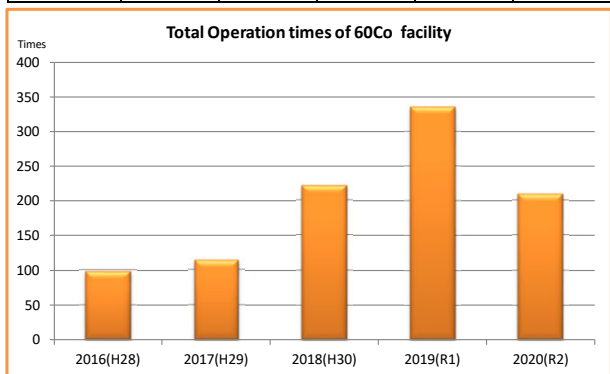


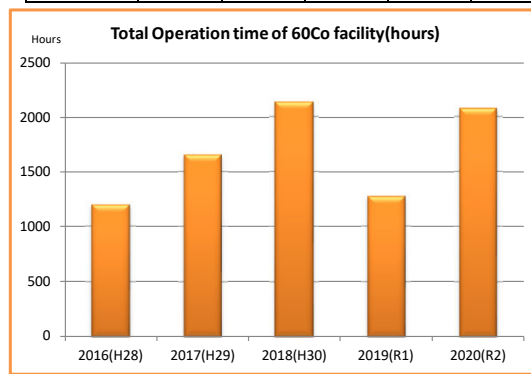
## Progress in Past 5 years

### Operation of Cobalt60

Year	2016(H28)	2017(H29)	2018(H30)	2019(R1)	2020(R2)
<b>Total Times</b>	97	113	221	335	209

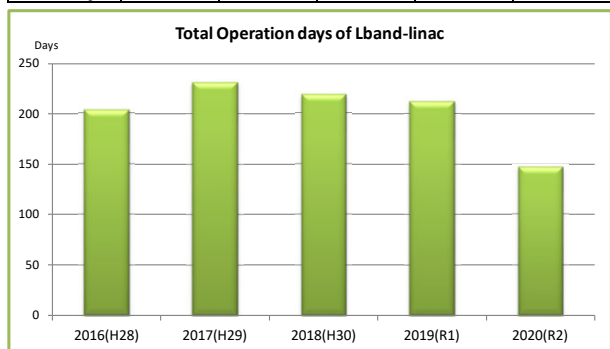


Year	2016(H28)	2017(H29)	2018(H30)	2019(R1)	2020(R2)
<b>Total Hours</b>	1201	1653	2133	1273	2078

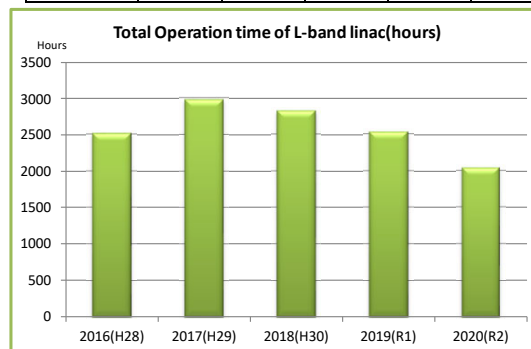


### Operation of L-band electron Linac(Except maintenance use)

Year	2016(H28)	2017(H29)	2018(H30)	2019(R1)	2020(R2)
<b>Total Days</b>	203	231	218	212	146

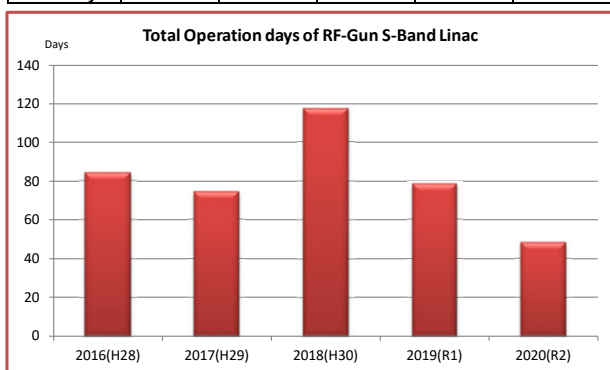


Year	2016(H28)	2017(H29)	2018(H30)	2019(R1)	2020(R2)
<b>Total Hours</b>	2514	2981	2820	2527	2040

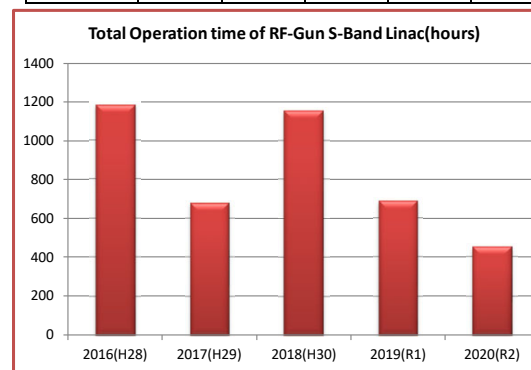


### Operation of Laser Photocathode RF-Gun S-Band Linac

Year	2016(H28)	2017(H29)	2018(H30)	2019(R1)	2020(R2)
<b>Total Days</b>	84	74	117	78	48

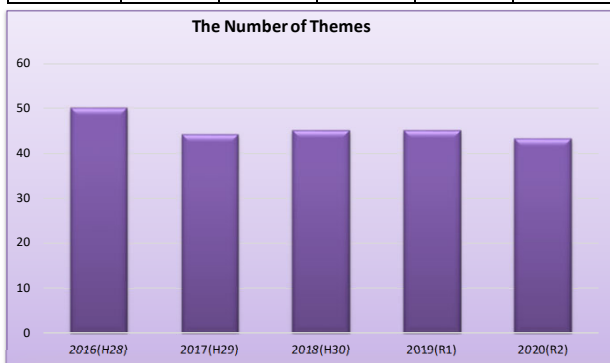


Year	2016(H28)	2017(H29)	2018(H30)	2019(R1)	2020(R2)
<b>Total Hours</b>	1180	676	1152	686	451

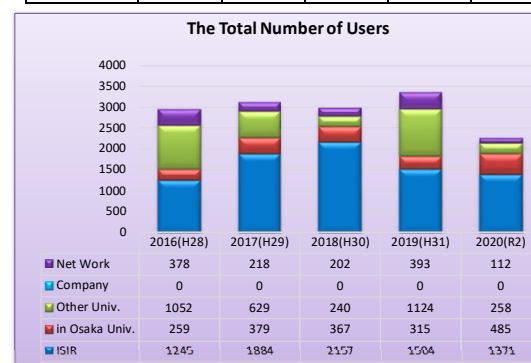


### All Machines

Year	2016(H28)	2017(H29)	2018(H30)	2019(R1)	2020(R2)
<b>Total Themes</b>	50	44	45	45	43



Year	2015(H27)	2016(H28)	2017(H29)	2018(H30)	2019(R1)
<b>Total Numbers</b>	2934	3110	2966	3336	2226



### \*\*\*\*2020 Joint User Groups \*\*\*\*

#### <In Osaka University>

Graduate school of Engineering /Graduate School of Engineering Science /Graduate School of Science /  
Radioisotope Research Center /Institute of Laser Engineering /SANKEN

#### <Other Institutions>

Gunma Univ. / Fukui Univ. / kobe Univ. / Kindai Univ. / Mie Univ. / Chubu Univ.  
Setsunan Univ. / Aoyama gakuin Univ. / Kyushu Univ. / University of Hyogo  
Nippon Steel / Daikin Joint Study Team / Other 2 Overseas

### \*\*\*\* 2020Network Joint Research for Materials and Devices\*\*\*\*

Tohoku Univ. / Kobe Univ./ Gunma Univ./ Saitama Univ.  
RIKEN/ Japan Atomic Energy Agency / QST