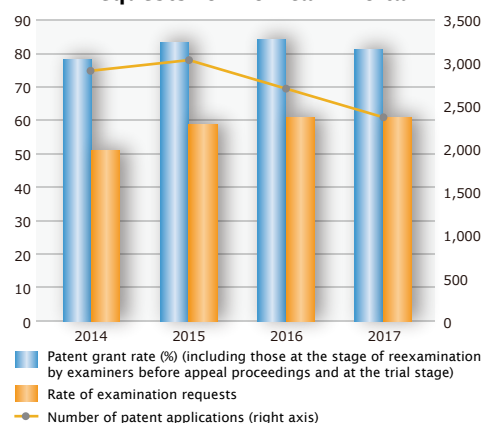


Efforts to Strengthen IP capabilities

Konica Minolta has been working on constructing a high quality patent portfolio with high investment efficiency by being selective in patent applications with focus on outstanding inventions created through technological development, while paying attention to raising and maintaining the rates of examination requests and patent grants^{*2}.

As a result of these ongoing efforts and implementation of “Strategies and Policies to Improve Intellectual Property Quality,” indicators showing the value of Konica Minolta’s patent applications are rising. In the “2018 Ranking of Companies’ Capability to Prevent Other Companies from Obtaining Registered Patents”^{*3} published by Patent Result Co., Ltd., Konica Minolta ranked 4th in the precision machinery sector, having maintained a top-5 position since 2013.

Number of Japanese patent applications, patent grant rate, and rate of examination requests for Konica Minolta



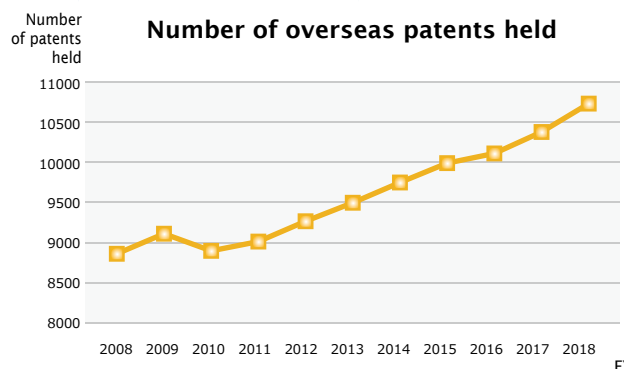
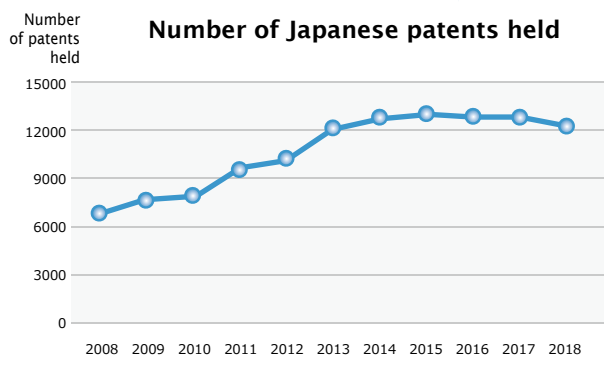
Top-10 in 2018 Ranking of Companies’ Capability to Prevent Other Companies from Obtaining Registered Patents in the precision machinery sector

Ranking	Company Name	Number of patents cited	Ranking	Company Name	Number of patents cited
1	Canon	7,673	6	Dainippon Printing	2,530
2	Seiko Epson	4,813	7	Fuji Xerox	2,243
3	Ricoh	4,281	8	Nikon	1,805
4	Konica Minolta	3,733	9	Toppan Printing	1,477
5	Olympus	2,560	10	Kyocera Document Solutions	791

For Konica Minolta, whose overseas sales account for 80% of its revenues, acquisition of intellectual property rights in foreign countries is extremely important. With respect to Japanese patents, the number of patents held has been kept at a more or less constant level by being selective in patent application and patent portfolio. Meanwhile, the number of overseas patents held has been increasing yearly due to active filing of applications worldwide, notably in the United States and China, to enhance our patent portfolio.

Numbers of patents held and patents acquired (2018)

	Japan	United States	China
Number of patents held	12,235	6,807	1,712
Number of patents acquired	1,183 (ranked 22th among Japanese companies ^{*4})	598 (ranked 21th among Japanese companies ^{*5})	272



*2 “Patent grant rate” is the number of patent grants at the examination stage, the number of patents granted from reexamination by examiners before appeal proceedings, and the number of patents obtained after filing a request for appeal against an examiner’s decision of refusal (number of appeal requests granted), as a percentage of dispositions made at examination and trial stages for each year.
 *3 For details of “2018 Ranking of Companies’ Capability to Prevent Other Companies from Obtaining Registered Patents,” visit Patent Result Co., Ltd. website: <https://www.patentresult.co.jp/news/2019/06/fcitprec.html>
 *4 Ranking for the number of patents acquired is based on data from “Japan Patent Office Annual Report 2019” published by the Japan Patent Office.
 *5 Ranking is estimated based on information from Intellectual Property Owners Association (Top 300 Patent Owners).