

Number, intensity and growth rates of transnational patent applications in the field of R&D-intensive technology in selected countries in 2018

	Number*	Intensity*	Intensity in R&D-intensive technology	Growth (2008 = 100)*	Growth in R&D-intensive technology (2008 = 100)*
Total	299,636	-	-	152	151
China	56,035	73	51	733	699
Germany	29,959	715	416	102	107
EU-28	79,699	356	204	108	110
Finland	1,962	772	437	107	95
France	11,595	428	255	108	109
United Kingdom	8,048	249	148	108	110
Italy	5,900	254	121	100	95
Japan	55,727	836	490	156	141
Canada	3,653	196	118	108	100
Netherlands	4,959	564	297	116	112
Sweden	4,311	846	572	116	123
Switzerland	4,517	966	488	117	105
South Korea	19,531	728	445	209	192
USA	62,335	400	261	121	120

The R&D-intensive technology sector comprises industries that invest more than 3 percent of their turnover in research and development. Intensity is calculated as the number of patents per million gainfully employed persons.

* Figures refer to all industries.

Source: EPO (PATSTAT), OECD (MSTI), World Bank. Calculations by Fraunhofer ISI in Neuhäuser et al. (2021).

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