

Tab. C6-2 Number, intensity and growth rates of transnational patent applications in the field of R&D-intensive technology in selected countries in 2019

	Number*	Intensity*	Intensity in R&D-intensive technology	Growth (2009=100)*	Growth in R&D-intensive technology (2009=100)
Total	306,087			152	152
China	63,805	83	59	560	527
Germany	29,608	698	402	101	104
EU-28	79,331	348	197	110	111
Finland	1,893	738	419	103	100
France	11,356	418	247	107	108
United Kingdom	8,085	247	141	109	106
Italy	6,028	258	125	109	107
Japan	53,115	790	456	142	127
Canada	3,624	190	119	102	100
Netherlands	5,004	557	286	127	123
Sweden	4,428	863	593	129	133
Switzerland	4,471	950	472	118	104
South Korea	20,983	774	484	187	175
USA	62,748	398	263	126	128

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 Neuhäusler and Rothengatter (2022).

© EFI – Commission of Experts for Research and Innovation 2022.