

Absolute number, intensity and growth rates of transnational patent applications in the field of R&D-intensive technology in 2016¹⁾

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

	absolute ¹⁾	intensities ¹⁾	intensities in R&D-intensive technology	growth (2006 = 100) ¹⁾	growth in R&D-intensive technology (2006 = 100)
Total	275,011	-	-	132	132
China	45,589	60	42	787	771
Germany	29,055	704	405	96	97
EU-28	76,374	341	193	102	102
Finland	1,876	766	423	96	79
France	11,196	421	245	106	105
United Kingdom	7,739	245	143	95	94
Italy	5,758	253	121	92	89
Japan	51,030	789	480	138	129
Canada	3,471	192	117	88	79
Netherlands	4,464	530	284	102	98
Sweden	4,165	848	570	119	126
Switzerland	4,158	903	478	109	107
South Korea	17,337	656	422	178	167
USA	60,742	401	265	99	99

¹⁾ Figures refer to all industries.

Source: EPO (PATSTAT), OECD (MSTI), World Bank, calculations by Fraunhofer ISI in Neuhäuser et al. (2019).

© EFI - Commission of Experts for Research and Innovation 2019.