## Absolute number, intensity and growth rates of transnational patent applications in the field of R&D-intensive technology in 2015

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 (2005 = 100) [1] | growth in R&D-intensive technology (2005 = 100) |
|---|---|---|---|---|---|
| **Total** | **260,467** | **-** | **-** | **131** | **133** |
| China | 35,394 | 46 | 34 | 812 | 830 |
| **Germany** | **28,042** | **701** | **401** | **96** | **98** |
| EU-28 | 75,623 | 342 | 195 | 107 | 108 |
| Finland | 1,800 | 741 | 436 | 103 | 89 |
| France | 11,719 | 439 | 260 | 116 | 117 |
| United Kingdom | 7,922 | 257 | 150 | 105 | 104 |
| Italy | 5,644 | 254 | 124 | 96 | 96 |
| Japan | 48,529 | 761 | 467 | 134 | 128 |
| Canada | 3,433 | 191 | 121 | 90 | 84 |
| Netherlands | 4,573 | 550 | 293 | 109 | 102 |
| Sweden | 3,873 | 801 | 559 | 124 | 138 |
| Switzerland | 4,086 | 823 | 450 | 108 | 109 |
| South Korea | 17,151 | 661 | 430 | 199 | 190 |
| USA | 59,975 | 403 | 267 | 100 | 100 |

[1] Figures refer to all industries.

Source: EPO (PATSTAT), OECD (MSTI), World Bank, calculations by Fraunhofer ISI in Neuhäusler et al. (2018).

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