

■ Table 1.8.3

Number of scientific publications per one million inhabitants

Country	2018	2019	2020	2021	2022	2023
Belgium	2,586	2,570	2,816	3,092	2,996	2,931
Bulgaria	582	601	715	744	736	869
Denmark	4,220	4,352	4,777	5,150	5,170	5,102
Germany	1,747	1,785	1,901	2,069	2,025	1,925
Estonia	2,054	2,329	2,427	2,814	2,710	2,614
Finland	3,046	3,220	3,434	3,736	3,877	3,708
France	1,453	1,444	1,543	1,591	1,520	1,471
Greece	1,437	1,506	1,709	2,011	2,037	2,013
Ireland	2,539	2,591	2,986	3,393	3,360	3,258
Italy	1,598	1,685	2,032	2,211	2,135	2,110
Croatia	1,624	1,686	1,879	2,213	2,185	2,244
Latvia	742	802	1,018	1,219	1,217	1,350
Lithuania	1,232	1,387	1,625	1,721	1,761	1,700
Luxembourg	2,684	2,715	2,964	3,351	3,678	3,590
Malta	1,444	1,363	1,630	1,956	2,106	1,948
Netherlands	3,070	3,131	3,382	3,632	3,608	3,452
Austria	2,419	2,513	2,779	3,042	2,975	2,907
Poland	1,036	1,141	1,330	1,468	1,372	1,385
Portugal	2,018	2,202	2,524	2,835	2,890	2,849
Romania	545	621	675	773	808	814
Sweden	3,551	3,619	3,823	4,094	4,088	3,958
Slovakia	1,154	1,258	1,423	1,521	1,420	1,451
Slovenia	2,738	2,845	3,202	3,554	3,327	3,244
Spain	1,781	1,898	2,152	2,322	2,243	2,219
Czech Republic	1,820	1,908	2,054	2,267	2,134	2,046
Hungary	1,017	1,057	1,169	1,333	1,369	1,442
Cyprus	2,232	2,460	2,957	3,389	3,798	4,002
EU average¹	1,441	1,492	1,592	1,725	1,682	1,639
China	360	412	467	511	626	639
Japan	826	842	915	1,006	976	911
Korea	1,442	1,528	1,654	1,783	1,793	1,743
Switzerland	4,878	4,928	5,371	5,750	5,650	5,441
United Kingdom	2,581	2,631	2,846	3,043	2,990	2,873
United States	1,672	1,686	1,793	1,814	1,781	1,709

¹ Adjusted for double counts. The category EU average represents those countries that were members of the EU in the respective year of reference (as of 2020, EU countries does not include United Kingdom).

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Source: Calculations of the Fraunhofer Institute for Systems and Innovation Research, data base: Elsevier Scopus, EUROSTAT and World Bank

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<https://www.govdata.de/dl-de/by-2-0>