

Table 63. Patents in the biotechnology sector - applications filed under the PCT
By priority year

Number

	2005	2015	2016	2017	2018	2019	2020
Australia	219	166	162	174	178	182	190
Austria	61	78	63	69	76	67	85
Belgium	118	130	141	142	125	183	168
Canada	309	258	239	254	284	252	295
Chile	3	36	23	32	32	29	27
Colombia	1.0	10.4	6.8	11.6	8.7	8.1	8.0
Czech Republic	5	14	8	12	7	12	13
Denmark	193	167	168	190	175	161	173
Estonia	2	3	5	6	3	8	5
Finland	49	48	53	43	49	48	58
France	341	547	517	529	474	458	532
Germany	702	707	624	674	637	669	773
Greece	6	5	6	7	4	7	7
Hungary	10	16	13	14	13	11	13
Iceland	5	2	0	2	3	1	1
Ireland	27	30	37	27	33	41	36
Israel	171	198	185	214	220	222	281
Italy	169	148	170	160	184	168	214
Japan	1 449	1 459	1 649	1 581	1 733	1 654	1 538
Korea	219	738	883	938	1 019	1 069	1 422
Latvia	1	1	3	2	4	2	2
Lithuania	1.3	4.0	2.8	6.7	3.5	6.7	4.5
Luxembourg	1	8	4	6	2	5	3
Mexico	11	25	22	21	18	17	23
Netherlands	235	257	230	222	244	216	283
New Zealand	52	26	26	28	20	21	25
Norway	32	35	47	29	37	24	37
Poland	10	33	25	23	28	34	43
Portugal	10	17	15	18	24	23	30
Slovak Republic	0	2	5	3	4	8	6
Slovenia	4	6	3	6	7	10	24
Spain	123	172	134	168	160	181	197
Sweden	135	116	139	124	127	130	142
Switzerland	150	215	203	237	249	253	292
Türkiye	2	16	25	34	50	86	68
United Kingdom	517	538	496	508	578	600	669
United States	4 752	5 535	5 734	6 058	6 438	6 570	7 458
EU27 (from 01/02/2020)	2 208	2 514	2 372	2 461	2 391	2 461	2 826
OECD-Total	10 093	11 765	12 065	12 571	13 255	13 437	15 151
Argentina	10	6	5	2	9	11	10
China	122	846	1 123	1 536	1 887	2 084	2 884
Romania	1	2	0	1	1	0	1
Russian Federation	60	51	34	61	68	63	84
Singapore	64	90	107	105	88	126	135
South Africa	16	16	16	16	13	5	16
Chinese Taipei	11	92	87	89	78	64	86

Note: Detailed metadata: <http://metalinks.oecd.org/msti/20230612/d19a>

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Source: OECD, Patent database