

Biotechnology patents granted by USPTO and EPO for selected regions/countries/economies: 1985–95

Agency and region/country/economy	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995
USPTO											
All regions/countries/economies	619	684	954	968	1,222	1,199	1,313	1,646	1,969	1,874	2,138
United States.....	359	388	584	591	760	684	802	994	1,218	1,137	1,351
EU.....	101	121	187	172	218	225	224	277	316	318	347
Austria	0	2	3	2	3	4	2	7	11	11	8
Belgium	2	4	6	7	7	6	7	6	10	11	16
Bulgaria	0	0	0	0	0	0	0	0	0	0	0
Czech Republic	0	0	2	0	2	1	0	1	0	1	1
Denmark.....	7	9	5	1	9	8	6	8	12	18	18
Finland.....	3	4	8	5	2	7	5	10	7	6	11
France.....	12	13	23	24	31	36	40	40	47	51	48
Germany.....	38	42	69	62	79	64	76	98	102	94	116
Greece.....	0	0	0	0	0	0	0	0	1	1	0
Hungary.....	5	6	7	4	2	1	2	3	2	3	3
Ireland.....	0	1	1	0	1	0	2	2	2	1	1
Italy.....	3	7	10	3	7	15	10	19	20	23	17
Luxembourg.....	0	0	0	0	1	0	0	0	0	0	0
Netherlands.....	5	5	10	8	10	17	19	21	26	25	17
Poland.....	0	0	0	0	0	0	1	0	0	0	0
Portugal.....	0	0	0	0	0	0	0	0	0	0	0
Romania.....	0	0	0	0	0	0	0	0	0	1	0
Slovenia.....	0	0	0	0	0	0	0	0	0	0	0
Spain.....	0	1	1	2	2	4	3	3	3	3	5
Sweden.....	7	5	14	9	15	10	7	15	16	15	21
United Kingdom.....	18	24	30	44	49	53	46	45	57	57	68
All others.....	0	0	0	0	0	0	0	0	0	0	0
Asia.....	127	143	134	150	175	226	199	289	313	306	305
China.....	0	0	0	0	2	2	1	0	0	2	4
India.....	0	1	0	2	0	2	0	0	3	0	5
Japan.....	126	141	134	148	172	220	193	284	299	293	280
Malaysia.....	0	0	0	0	0	0	0	0	0	0	0
Philippines.....	0	0	0	0	0	0	0	0	0	0	1
Singapore.....	0	0	0	0	0	0	0	0	0	1	0
South Korea.....	1	0	0	1	0	1	3	2	8	4	11
Taiwan.....	0	0	0	0	1	2	1	3	3	6	4
Thailand.....	0	0	0	0	0	0	0	0	0	0	0
All others.....	0	0	0	0	0	0	0	0	0	0	0
All others.....	33	32	49	56	69	64	89	86	122	113	135
EPO											
All regions/countries/economies	325	349	289	300	465	533	700	994	1,176	1,312	1,313
United States.....	100	103	90	79	145	157	226	406	390	499	525
EU.....	133	151	115	142	192	215	246	313	457	450	436
Austria.....	3	0	2	3	10	7	4	6	13	12	14

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Belgium	3	2	5	3	9	9	9	10	18	11	14
Bulgaria	0	0	0	1	0	0	0	0	0	0	1
Czech Republic	0	1	1	0	0	0	1	0	0	0	0
Denmark	1	3	2	3	7	3	4	7	38	27	19
Finland	2	3	1	1	0	1	4	8	5	7	5
France	18	31	24	30	33	42	31	48	75	75	75
Germany	61	62	49	55	64	81	101	118	148	153	154
Greece	0	0	0	0	0	0	0	0	1	0	0
Hungary	1	5	0	2	0	0	1	0	3	3	4
Ireland	0	1	0	0	0	1	0	0	1	0	2
Italy	3	3	3	7	7	6	10	17	25	29	25
Luxembourg	0	0	0	0	0	0	1	0	0	0	0
Netherlands	9	5	5	3	15	15	11	16	19	31	33
Poland	0	0	0	0	0	0	0	0	0	0	0
Portugal	0	0	0	0	0	0	0	0	0	0	0
Romania	0	0	0	0	0	0	0	0	0	0	0
Slovenia	0	0	0	0	0	0	0	0	0	0	0
Spain	0	0	1	0	1	2	3	3	3	4	4
Sweden	12	11	4	7	8	11	13	17	16	21	14
United Kingdom	19	24	20	27	39	37	54	62	94	78	72
All others	0	0	0	0	0	0	0	0	0	0	0
Asia	74	80	64	72	105	134	186	220	272	299	255
China	0	0	0	0	0	0	0	0	1	1	0
India	0	0	0	0	2	1	1	3	0	1	1
Japan	74	80	64	72	103	133	184	215	270	296	249
Malaysia	0	0	0	0	0	0	0	0	0	0	0
Philippines	0	0	0	0	0	0	0	1	0	0	0
Singapore	0	0	0	0	0	0	0	0	0	0	1
South Korea	0	0	0	0	0	0	1	1	2	2	4
Taiwan	0	0	0	0	0	0	0	0	0	0	1
Thailand	0	0	0	0	0	0	0	0	0	0	0
All others	0	0	0	0	0	0	0	0	0	0	0
All others	18	15	21	7	23	27	42	54	57	64	97

EPO = European Patent Office; EU = European Union; USPTO = U.S. Patent and Trademark Office

NOTES: Patent applications assigned to year based on application date to EPO. Patent applications on fractional-count basis. For patent applications with multiple inventors from different countries, each country receives fractional credit based on proportion of its participating inventors. Asia includes China, India, Indonesia, Japan, Malaysia, Philippines, Singapore, South Korea, Taiwan, and Thailand. China includes Hong Kong. Countries that have <0.01% world share of U.S. patent applications in 2005 grouped in All others.

SOURCE: Organisation for Economic Co-operation and Development, Patent database, http://stats.oecd.org/wbos/default.aspx?DatasetCode=PATS_IPC, accessed 15 February 2007.