

Appendix Table 6-50
USPTO patents granted in pharmaceuticals, by region/country/economy: Selected years, 1998–2014

Region/country/economy	1998	2000	2001	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
World	4,467	4,541	5,048	4,887	3,751	3,351	4,166	3,629	3,490	3,737	5,289	5,215	6,271	7,431	7,684
North America	2,894	2,885	3,177	3,055	2,317	2,071	2,565	2,170	2,052	2,185	3,119	3,006	3,653	4,244	4,435
Bermuda	0	0	1	2	0	0	0	0	0	0	0	0	0	0	0
Canada	144	140	145	151	131	95	132	117	114	113	158	165	143	195	179
Mexico	1	4	2	4	1	3	2	1	3	5	7	6	11	13	13
United States	2,749	2,741	3,029	2,898	2,185	1,973	2,430	2,052	1,934	2,067	2,954	2,835	3,498	4,035	4,243
Central and South America	11	10	14	17	10	7	18	11	17	13	27	26	34	45	55
Argentina	6	4	7	9	5	2	8	4	3	3	2	7	6	8	8
Brazil	0	3	1	5	2	2	7	2	3	5	10	7	13	18	21
All others	5	3	5	4	3	3	3	4	10	5	15	12	15	19	26
Europe	1,106	1,173	1,248	1,221	931	831	1,003	934	915	945	1,338	1,335	1,564	1,827	1,861
EU	1,018	1,087	1,147	1,133	858	761	926	866	842	859	1,221	1,188	1,409	1,631	1,657
Austria	23	17	16	14	11	11	11	14	12	15	28	27	26	36	44
Belgium	38	38	33	35	38	29	40	39	38	33	53	45	48	67	69
Denmark	48	32	50	50	42	31	35	36	36	31	60	62	63	94	97
Finland	17	13	18	17	13	11	12	8	8	9	12	11	19	13	16
France	192	187	198	212	140	139	164	146	151	156	199	205	247	304	284
Germany	239	297	301	314	242	200	247	233	215	226	327	297	385	426	452
Hungary	9	7	10	12	7	7	7	5	10	6	13	11	8	8	6
Ireland	3	9	7	7	7	7	7	4	7	7	11	11	9	11	16
Italy	90	90	101	74	68	63	71	71	64	67	113	111	135	150	173

Region/country/economy	1998	2000	2001	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Netherlands	31	33	37	41	33	35	32	41	36	43	54	64	59	64	70
Spain	22	13	17	26	15	14	23	24	26	30	36	32	46	57	56
Sweden	63	70	70	77	48	47	50	46	52	44	65	61	65	60	74
United Kingdom	234	274	275	235	180	161	211	186	180	170	234	225	278	304	264
All others	8	9	15	19	13	7	17	13	7	22	17	26	23	37	35
Other Europe	82	80	95	79	69	63	68	58	67	79	113	136	148	185	194
Former Soviet Union	1	0	1	1	0	0	1	0	0	0	0	1	1	1	1
Norway	10	16	15	10	8	9	7	10	7	11	17	16	18	22	29
Russia	13	12	9	8	6	7	5	8	8	9	12	11	11	20	21
Switzerland	58	53	69	60	55	47	55	40	52	60	84	108	118	142	143
All others	5	6	6	10	4	6	9	10	6	7	3	10	6	11	10
Asia	354	368	486	458	394	353	478	416	393	466	658	674	825	1,058	1,051
China	6	10	15	21	25	25	31	38	36	43	56	54	90	142	139
India	11	17	33	50	31	37	55	41	41	38	52	62	88	120	118
Japan	303	289	382	316	265	231	318	260	238	309	406	411	440	529	495
Malaysia	0	0	0	2	1	0	1	1	1	1	4	1	1	6	11
Singapore	2	3	1	3	2	3	3	4	6	3	6	8	14	14	22
South Korea	22	34	38	45	45	34	40	44	36	36	76	80	106	128	149
Taiwan	9	11	13	20	22	21	26	24	31	35	55	55	82	112	113
All others	0	3	3	1	3	2	5	3	3	2	4	4	3	5	5
Middle East	44	51	50	77	52	44	52	53	61	71	86	87	101	143	165
Israel	43	48	47	75	51	41	51	52	59	67	84	84	93	133	142
All others	2	3	3	2	1	4	1	1	2	4	2	4	8	10	23
Africa	6	6	8	8	3	3	3	6	3	5	9	8	9	13	10
South Africa	4	1	5	5	1	1	1	3	1	2	2	4	5	9	4



Region/country/economy	1998	2000	2001	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
All others	2	5	3	3	1	2	2	4	2	3	7	4	4	4	6
Australia/Oceania	49	42	64	51	44	43	48	40	50	53	53	78	85	100	106
Australia	43	32	58	40	33	34	40	32	42	42	41	60	70	87	93
New Zealand	6	9	7	11	11	8	7	8	7	10	12	18	15	13	13
All others	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Unclassified	4	6	1	0	0	0	0	0	0	0	0	0	1	1	0

NOTES: EU = European Union; USPTO = U.S. Patent and Trademark Office.
 Patents are fractionally allocated among regions/countries/economies based on the proportion of residences of all named inventors. The EU includes 28 member countries. China includes Hong Kong. Patents are classified under the World Intellectual Property Organization (WIPO) classification of patents, which classifies International Patent Classification (IPC) codes under 30 technical fields. IPC reformed codes, which take into account changes that were made to the WIPO classification in 2006 under the eighth version of the classification, were used to prepare these data. Fractional counts of patents were assigned to each IPC code on patents to assign the proper weight of a patent to the corresponding IPC codes and their associated technical fields under the classification.

SOURCES: Science-Metrix, LexisNexis, and SRI International.
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