



APPENDIX TABLE 8-21

USPTO patents granted in control, by region, country, or economy: 2000–16

(Number)

Region, country, or economy	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
World	2,662	2,645	2,654	2,842	2,987	2,667	3,370	2,825	2,834	2,897	3,793	3,931	4,807	5,302	5,665	5,428	5,849
North America	1,623	1,595	1,589	1,760	1,858	1,630	2,101	1,735	1,796	1,826	2,387	2,495	2,932	3,339	3,495	3,263	3,525
Canada	56	54	63	44	61	49	66	45	58	56	79	82	85	133	137	113	120
Mexico	1	0	2	1	1	2	2	0	0	3	2	3	3	1	2	2	3
Puerto Rico	1	0	0	1	0	1	1	1	1	1	1	0	1	0	1	1	3
United States	1,565	1,541	1,524	1,714	1,796	1,579	2,033	1,689	1,737	1,767	2,305	2,410	2,843	3,205	3,355	3,147	3,399
All others	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Central and South America	4	3	1	5	6	3	9	3	2	4	6	9	10	8	8	13	13
Argentina	1	1	1	1	1	0	2	0	0	1	1	0	1	1	3	3	1
Brazil	3	1	0	2	3	2	5	1	0	2	3	6	8	4	4	9	9
All others	0	1	0	2	2	1	2	3	2	1	2	3	2	3	1	1	2
Europe	397	409	440	425	425	421	473	377	412	382	511	528	698	741	830	774	858
EU	376	378	414	404	404	398	445	353	387	362	476	493	656	690	774	722	801
Austria	13	10	3	10	10	6	10	5	11	11	12	15	25	29	32	29	37
Belgium	7	8	5	2	3	3	3	4	5	3	6	4	8	6	9	7	13
Denmark	5	1	5	6	4	4	6	1	2	4	4	7	4	8	11	6	10



Region, country, or economy	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Finland	5	8	7	3	8	5	12	10	5	7	7	10	5	16	19	12	23
France	51	45	64	58	55	55	48	48	61	55	93	94	139	147	148	118	123
Germany	150	164	174	189	195	194	217	145	166	155	198	181	250	244	278	274	276
Hungary	0	0	0	0	0	1	2	0	1	0	0	0	0	0	1	1	2
Ireland	2	2	3	2	2	4	8	6	4	11	7	6	4	4	11	10	13
Italy	26	29	22	23	19	19	23	16	20	15	17	21	38	34	46	42	46
Netherlands	17	15	13	12	13	11	16	11	15	11	11	13	18	25	21	24	32
Spain	6	5	8	4	5	4	2	2	5	5	7	5	8	15	18	20	13
Sweden	22	19	16	18	19	18	25	23	16	14	21	27	33	33	35	39	44
United Kingdom	71	70	87	74	68	73	73	76	69	68	90	101	104	107	122	109	140
All others	1	3	7	3	2	3	3	6	7	3	3	9	19	21	23	31	28
Other Europe	21	32	26	21	22	23	28	25	24	20	36	35	42	51	56	52	56
Former Soviet Union	3	2	1	0	0	1	1	0	0	0	0	0	1	1	1	1	0
Norway	4	4	5	2	4	2	7	7	5	3	7	8	9	9	9	9	8
Russia	2	3	2	3	1	4	3	2	2	2	3	2	3	5	6	5	8
Switzerland	12	23	18	16	16	15	17	15	17	14	25	24	27	33	38	34	36
All others	1	0	1	0	0	0	1	0	1	0	2	1	2	3	2	3	3
Asia	597	591	583	600	638	566	726	641	570	621	794	794	1,016	1,042	1,150	1,204	1,290
China	2	4	10	5	6	7	11	21	20	16	38	39	50	55	96	103	111



Region, country, or economy	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
India	1	2	4	1	6	6	7	7	7	13	17	26	20	48	64	56	82
Japan	485	491	487	484	510	438	565	483	419	441	560	540	703	706	682	702	732
Malaysia	1	0	0	0	0	0	0	2	0	1	1	1	1	3	3	2	2
Singapore	5	3	3	4	5	7	3	3	5	8	9	10	7	7	8	17	19
South Korea	53	55	32	50	43	43	49	59	48	67	75	94	95	107	150	183	201
Taiwan	50	37	47	54	67	65	88	66	70	74	89	82	138	115	140	140	136
All others	0	0	0	1	1	1	4	0	0	1	6	1	2	1	7	3	7
Middle East	20	20	17	23	25	16	25	26	18	24	29	37	32	42	62	70	63
Israel	17	19	16	23	23	15	22	23	17	23	25	30	26	31	48	56	51
All others	3	1	1	1	2	1	3	3	1	1	4	7	7	11	14	14	12
Africa	1	7	5	3	3	2	3	3	2	3	4	3	7	9	7	8	8
South Africa	1	6	5	3	3	2	3	3	2	3	4	3	6	8	4	6	5
All others	0	1	0	0	0	0	0	0	0	0	0	1	1	1	3	1	3
Australia and Oceania	21	18	20	26	32	29	33	40	34	37	61	63	112	118	111	96	93
Australia	20	16	17	25	29	26	30	35	32	34	58	61	107	114	107	88	88
New Zealand	1	2	3	1	3	3	2	5	2	3	3	2	4	4	4	8	5
All others	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Unclassified	1	1	0	0	0	0	0	0	1	0	1	2	0	3	1	1	1



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

**Note(s)**

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Patents are allocated according to patent inventorship information. Patents are fractionally allocated among regions, countries, or 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 35 technical fields. IPC reformed codes take into account changes that were made to the WIPO classification in 2006 under the eighth version of the classification and were used to prepare these data. However, because PatentsView only provides the original IPC codes as they appeared on patents and not the IPC reformed codes, current Cooperative Patent Classification codes on patents were converted back to the most recent IPC classification to prepare these statistics. Fractional counts of patents were assigned to each technological field on patents to assign the proper weight of a patent to the corresponding technological fields under the classification.

**Source(s)**

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Science-Metrix; PatentsView and USPTO patent data, accessed April 2017.

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