



APPENDIX TABLE 8-4

USPTO patents granted, 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	157,595	166,158	167,400	169,077	164,384	143,891	173,822	157,331	157,788	167,463	219,848	224,871	253,624	278,517	301,643	299,382	304,126
North America	88,258	91,063	90,215	91,145	87,456	77,360	93,103	82,622	80,646	85,731	112,190	113,273	126,380	139,855	151,267	147,448	149,977
Canada	3,401	3,594	3,448	3,448	3,395	2,918	3,598	3,341	3,370	3,667	4,856	5,052	5,758	6,533	7,032	6,735	6,503
Mexico	79	90	108	91	91	82	72	59	64	64	101	103	135	164	185	182	238
Puerto Rico	26	12	13	27	18	25	27	30	17	15	26	26	37	22	41	33	46
United States	84,751	87,367	86,646	87,579	83,953	74,334	89,406	79,192	77,195	81,986	107,206	108,092	120,451	133,135	144,008	140,498	143,190
All others	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0
Central and South America	238	255	240	277	222	157	236	200	208	239	319	390	407	498	613	602	569
Argentina	55	50	54	61	47	27	42	40	35	47	47	60	68	83	77	75	90
Brazil	102	116	99	132	106	75	129	92	101	111	181	223	201	261	352	337	318
All others	80	90	87	84	69	54	65	68	72	81	91	106	138	154	183	190	162
Europe	27,097	29,379	29,165	28,878	26,854	22,727	26,307	23,686	23,683	24,115	33,128	33,465	39,083	44,392	48,732	48,580	49,105
EU	25,224	27,332	27,234	26,964	25,062	21,278	24,560	22,125	21,999	22,356	30,735	30,917	36,225	40,970	44,982	44,584	44,983
Austria	520	584	532	595	546	453	561	453	455	509	740	763	871	1,014	1,213	1,180	1,367
Belgium	707	738	725	636	630	528	621	531	517	600	831	810	882	1,064	1,205	1,155	1,238
Denmark	436	489	450	537	426	370	442	395	397	393	612	737	857	923	1,065	1,012	1,084



Region, country, or economy	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Finland	618	743	824	868	924	726	954	856	824	864	1,143	960	1,060	1,227	1,363	1,386	1,513
France	3,839	4,067	4,039	3,879	3,406	2,901	3,461	3,151	3,182	3,165	4,479	4,558	5,394	6,148	6,723	6,597	6,465
Germany	10,255	11,276	11,309	11,462	10,784	9,028	10,040	9,067	8,941	9,012	12,387	11,931	13,889	15,572	16,589	16,588	15,975
Hungary	39	59	49	74	51	47	54	49	66	50	93	104	110	137	159	159	178
Ireland	129	142	126	163	185	156	186	151	174	192	278	328	356	432	506	508	590
Italy	1,703	1,728	1,760	1,723	1,605	1,315	1,493	1,317	1,369	1,377	1,842	1,922	2,167	2,531	2,653	2,687	2,712
Netherlands	1,269	1,329	1,392	1,330	1,286	1,004	1,340	1,272	1,324	1,318	1,660	1,766	1,954	2,277	2,530	2,424	2,600
Spain	275	276	323	325	273	273	312	281	317	339	436	492	673	738	805	850	795
Sweden	1,584	1,746	1,668	1,511	1,286	1,131	1,249	1,066	1,063	1,009	1,436	1,715	2,090	2,301	2,775	2,664	2,863
United Kingdom	3,696	3,989	3,859	3,661	3,478	3,166	3,625	3,309	3,115	3,233	4,394	4,375	5,343	5,927	6,604	6,506	6,603
All others	154	166	178	200	182	180	223	226	254	296	405	457	577	679	792	867	998
Other Europe	1,873	2,047	1,932	1,915	1,791	1,449	1,747	1,561	1,685	1,759	2,393	2,548	2,859	3,422	3,749	3,997	4,122
Former Soviet Union	22	33	33	30	25	24	33	30	31	26	29	35	58	53	66	78	92
Norway	247	266	249	258	247	223	238	243	263	266	391	369	445	479	549	616	609
Russia	201	255	220	223	188	168	198	199	199	216	307	331	365	439	474	498	557
Switzerland	1,343	1,428	1,366	1,335	1,267	990	1,209	1,031	1,121	1,193	1,584	1,713	1,882	2,303	2,464	2,577	2,631
All others	60	66	64	70	64	44	69	59	70	58	82	99	110	148	197	228	233
Asia	40,187	43,278	45,538	46,350	47,544	41,502	51,299	48,181	50,490	54,415	70,172	73,329	83,048	88,232	94,777	96,387	98,019
China	331	467	570	622	747	750	1,066	1,203	1,617	2,054	3,222	3,730	5,373	6,695	8,137	9,026	11,449



Region, country, or economy	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
India	141	187	265	354	369	401	511	566	651	709	1,144	1,277	1,756	2,456	3,073	3,456	3,767
Japan	31,362	33,279	34,913	35,567	35,441	30,376	36,854	33,399	33,710	35,548	44,978	46,337	50,897	52,271	54,318	52,809	50,169
Malaysia	44	34	58	48	85	94	123	171	159	156	200	177	213	222	268	267	275
Singapore	226	307	420	438	457	345	412	390	404	435	616	650	804	793	933	961	989
South Korea	3,332	3,548	3,792	3,952	4,429	4,365	5,901	6,298	7,542	8,776	11,669	12,254	13,234	14,556	16,529	17,963	19,576
Taiwan	4,705	5,397	5,444	5,299	5,951	5,113	6,348	6,103	6,345	6,666	8,235	8,794	10,637	11,077	11,342	11,688	11,576
All others	46	57	76	69	64	59	83	50	61	71	108	111	134	162	176	216	220
Middle East	841	1,022	1,094	1,236	1,089	980	1,274	1,163	1,250	1,476	1,937	2,123	2,752	3,406	3,988	4,183	4,357
Israel	789	983	1,046	1,189	1,053	935	1,217	1,111	1,183	1,410	1,839	1,976	2,482	3,008	3,486	3,632	3,713
All others	52	39	48	47	35	44	57	52	67	66	98	147	269	398	502	551	644
Africa	130	137	129	136	124	114	128	99	109	112	151	155	188	223	235	228	254
South Africa	112	119	112	111	102	90	108	78	90	90	121	120	140	163	154	161	181
All others	19	18	17	25	22	24	21	21	19	22	30	35	49	60	82	68	73
Australia and Oceania	819	1,012	1,010	1,048	1,094	1,050	1,470	1,377	1,399	1,373	1,944	2,129	1,754	1,893	2,014	1,935	1,832
Australia	710	882	861	909	957	927	1,332	1,267	1,294	1,241	1,770	1,943	1,530	1,643	1,753	1,667	1,561
New Zealand	109	129	147	137	135	122	137	110	104	132	171	185	223	250	260	267	270
All others	0	1	1	2	2	1	1	0	0	0	3	0	0	0	1	1	2
Unclassified	25	12	9	6	1	2	4	3	3	3	7	8	12	18	16	19	12



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

**Note(s)**

---

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.

**Source(s)**

---

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

*Science and Engineering Indicators 2018*